

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 10:05:05	133.5791	0.0635	155438.3511
24-10-2014 10:06:05	133.7724	0.1733	155526.4852
24-10-2014 10:07:05	133.9659	0.2828	155614.6031
24-10-2014 10:08:05	134.1597	0.3919	155702.7051
24-10-2014 10:09:05	134.3545	0.5012	155790.743
24-10-2014 10:10:05	134.5487	0.6097	155878.8143
24-10-2014 10:11:05	134.7431	0.7178	155966.8705
24-10-2014 10:12:05	134.9377	0.8256	156054.912
24-10-2014 10:13:05	135.1325	0.9331	156142.939
24-10-2014 10:14:05	135.3284	1.0406	156230.904
24-10-2014 10:15:05	135.5236	1.1474	156318.9031
24-10-2014 10:16:05	135.7186	1.2547	156406.7904
24-10-2014 10:17:05	135.9143	1.3608	156494.7624
24-10-2014 10:18:05	136.1111	1.4669	156582.6744
24-10-2014 10:19:05	136.3072	1.5723	156670.6206
24-10-2014 10:20:05	136.5036	1.6773	156758.5544
24-10-2014 10:21:05	136.701	1.7823	156846.4294
24-10-2014 10:22:05	136.8978	1.8866	156934.3391
24-10-2014 10:23:05	137.0948	1.9906	157022.2372
24-10-2014 10:24:05	137.2929	2.0945	157110.0778
24-10-2014 10:25:05	137.4904	2.1977	157197.9534
24-10-2014 10:26:05	137.6889	2.301	157285.7725
24-10-2014 10:27:05	137.8868	2.4035	157373.6269
24-10-2014 10:28:05	138.085	2.5056	157461.4708
24-10-2014 10:29:05	138.2842	2.6077	157549.2596
24-10-2014 10:30:05	138.4828	2.7091	157637.0838
24-10-2014 10:31:05	138.6824	2.8105	157724.8538
24-10-2014 10:32:05	138.8815	2.9111	157812.6595
24-10-2014 10:33:05	139.0816	3.0117	157900.4116
24-10-2014 10:34:05	139.2811	3.1116	157988.1996
24-10-2014 10:35:05	139.4817	3.2114	158075.9352
24-10-2014 10:36:05	139.6816	3.3105	158163.7066
24-10-2014 10:37:05	139.8827	3.4096	158251.4264
24-10-2014 10:38:05	140.0831	3.508	158339.1825
24-10-2014 10:39:05	140.2846	3.6063	158426.8877
24-10-2014 10:40:05	140.4854	3.7038	158514.6293
24-10-2014 10:41:05	140.6874	3.8014	158602.321
24-10-2014 10:42:05	140.8896	3.8985	158690.0064
24-10-2014 10:43:05	141.0912	3.9949	158777.7283
24-10-2014 10:44:05	141.2938	4.0912	158865.4016

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 10:45:05	141.4967	4.1872	158953.0694
24-10-2014 10:46:05	141.699	4.2824	159040.7739
24-10-2014 10:47:05	141.9023	4.3775	159128.4313
24-10-2014 10:48:05	142.1059	4.4723	159216.0838
24-10-2014 10:49:05	142.3088	4.5662	159303.7732
24-10-2014 10:50:05	142.5129	4.6602	159391.4168
24-10-2014 10:51:05	142.7172	4.7537	159479.0563
24-10-2014 10:52:05	142.9208	4.8464	159566.7328
24-10-2014 10:53:05	143.1256	4.9391	159654.3649
24-10-2014 10:54:05	143.3306	5.0314	159741.9936
24-10-2014 10:55:05	143.5358	5.1233	159829.6192
24-10-2014 10:56:05	143.7412	5.2147	159917.2422
24-10-2014 10:57:05	143.946	5.3054	160004.9024
24-10-2014 10:58:05	144.152	5.396	160092.5201
24-10-2014 10:59:05	144.3581	5.4862	160180.1359
24-10-2014 11:00:05	144.5645	5.5759	160267.7498
24-10-2014 11:01:05	144.7711	5.6652	160355.3621
24-10-2014 11:02:05	144.978	5.7541	160442.9731
24-10-2014 11:03:05	145.1842	5.8423	160530.6216
24-10-2014 11:04:05	145.3915	5.9303	160618.2303
24-10-2014 11:05:05	145.5991	6.0179	160705.8385
24-10-2014 11:06:05	145.8073	6.1041	160793.5484
24-10-2014 11:07:05	146.0153	6.1909	160881.156
24-10-2014 11:08:05	146.2235	6.2771	160968.7636
24-10-2014 11:09:05	146.432	6.363	161056.3716
24-10-2014 11:10:05	146.6408	6.4484	161143.98
24-10-2014 11:11:05	146.8497	6.5334	161231.5891
24-10-2014 11:12:05	147.0589	6.6179	161319.1993
24-10-2014 11:13:05	147.2683	6.7019	161406.8106
24-10-2014 11:14:05	147.478	6.7856	161494.4234
24-10-2014 11:15:05	147.6879	6.8687	161582.0378
24-10-2014 11:16:05	147.898	6.9515	161669.654
24-10-2014 11:17:05	148.1087	7.0328	161757.3754
24-10-2014 11:18:05	148.3193	7.1146	161844.996
24-10-2014 11:19:05	148.5301	7.1959	161932.6193
24-10-2014 11:20:05	148.7412	7.2768	162020.2453
24-10-2014 11:21:05	148.9525	7.3573	162107.8743
24-10-2014 11:22:05	149.164	7.4372	162195.5064
24-10-2014 11:23:05	149.3757	7.5167	162283.142
24-10-2014 11:24:05	149.5886	7.5961	162370.747
24-10-2014 11:25:05	149.8011	7.6737	162458.4937

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 11:26:05	150.0135	7.7518	162546.1411
24-10-2014 11:27:05	150.2262	7.8294	162633.7926
24-10-2014 11:28:05	150.4391	7.9066	162721.4486
24-10-2014 11:29:05	150.6522	7.9833	162809.1093
24-10-2014 11:30:05	150.8664	8.0598	162896.7421
24-10-2014 11:31:05	151.08	8.1355	162984.413
24-10-2014 11:32:05	151.2941	8.2098	163072.1931
24-10-2014 11:33:05	151.5081	8.2846	163159.8748
24-10-2014 11:34:05	151.7232	8.3592	163247.5303
24-10-2014 11:35:05	151.9377	8.433	163335.2238
24-10-2014 11:36:05	152.1523	8.5063	163422.9235
24-10-2014 11:37:05	152.3672	8.5791	163510.6294
24-10-2014 11:38:05	152.5833	8.6518	163598.3108
24-10-2014 11:39:05	152.7989	8.7227	163686.1346
24-10-2014 11:40:05	153.0145	8.794	163773.8608
24-10-2014 11:41:05	153.2312	8.8652	163861.564
24-10-2014 11:42:05	153.4472	8.9355	163949.3049
24-10-2014 11:43:05	153.6634	9.0054	164037.0533
24-10-2014 11:44:05	153.881	9.0741	164124.8843
24-10-2014 11:45:05	154.0977	9.143	164212.6486
24-10-2014 11:46:05	154.3146	9.2114	164300.4208
24-10-2014 11:47:05	154.5326	9.2795	164388.1725
24-10-2014 11:48:05	154.7499	9.3469	164475.9616
24-10-2014 11:49:05	154.9683	9.4141	164563.7309
24-10-2014 11:50:05	155.1863	9.4794	164651.6427
24-10-2014 11:51:05	155.4042	9.5453	164739.4585
24-10-2014 11:52:05	155.6233	9.6109	164827.2558
24-10-2014 11:53:05	155.8416	9.6758	164915.0904
24-10-2014 11:54:05	156.0614	9.7394	165003.0125
24-10-2014 11:55:05	156.2802	9.8032	165090.8666
24-10-2014 11:56:05	156.5001	9.8667	165178.7038
24-10-2014 11:57:05	156.7192	9.9295	165266.5781
24-10-2014 11:58:05	156.9395	9.992	165354.4364
24-10-2014 11:59:05	157.1594	10.0528	165442.4369
24-10-2014 12:00:05	157.3801	10.1142	165530.3169
24-10-2014 12:01:05	157.6001	10.1749	165618.2338
24-10-2014 12:02:05	157.8212	10.2353	165706.1362
24-10-2014 12:03:05	158.0418	10.294	165794.1808
24-10-2014 12:04:05	158.2634	10.3533	165882.1064
24-10-2014 12:05:05	158.4851	10.4121	165970.0439
24-10-2014 12:06:05	158.706	10.4702	166058.0177

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 12:07:05	158.9281	10.528	166145.9793
24-10-2014 12:08:05	159.1497	10.584	166234.0829
24-10-2014 12:09:05	159.3722	10.6407	166322.0692
24-10-2014 12:10:05	159.5949	10.6968	166410.0683
24-10-2014 12:11:05	159.8168	10.7522	166498.1035
24-10-2014 12:12:05	160.0401	10.8063	166586.2342
24-10-2014 12:13:05	160.2633	10.8608	166674.2723
24-10-2014 12:14:05	160.4858	10.9146	166762.3461
24-10-2014 12:15:05	160.7097	10.967	166850.5169
24-10-2014 12:16:05	160.9335	11.0199	166938.5954
24-10-2014 12:17:05	161.1565	11.0721	167026.7093
24-10-2014 12:18:05	161.3806	11.1239	167114.8153
24-10-2014 12:19:05	161.6052	11.1741	167203.0418
24-10-2014 12:20:05	161.8297	11.2248	167291.1763
24-10-2014 12:21:05	162.0534	11.2748	167379.3458
24-10-2014 12:22:05	162.2783	11.3244	167467.5092
24-10-2014 12:23:05	162.5035	11.3724	167555.7936
24-10-2014 12:24:05	162.7287	11.4209	167643.9865
24-10-2014 12:25:05	162.9541	11.4689	167732.1945
24-10-2014 12:26:05	163.1789	11.5151	167820.5434
24-10-2014 12:27:05	163.4046	11.5619	167908.7817
24-10-2014 12:28:05	163.6304	11.6081	167997.0354
24-10-2014 12:29:05	163.8565	11.6538	168085.3047
24-10-2014 12:30:05	164.0828	11.698	168173.6963
24-10-2014 12:31:05	164.3092	11.7425	168261.9972
24-10-2014 12:32:05	164.5348	11.7864	168350.3319
24-10-2014 12:33:05	164.7616	11.8288	168438.7713
24-10-2014 12:34:05	164.9884	11.8717	168527.1203
24-10-2014 12:35:05	165.2154	11.914	168615.4858
24-10-2014 12:36:05	165.4427	11.9547	168703.9745
24-10-2014 12:37:05	165.6699	11.9959	168792.3731
24-10-2014 12:38:05	165.8974	12.0365	168880.7886
24-10-2014 12:39:05	166.1251	12.0755	168969.3277
24-10-2014 12:40:05	166.3528	12.115	169057.7771
24-10-2014 12:41:05	166.5806	12.1539	169146.2436
24-10-2014 12:42:05	166.8088	12.1912	169234.8343
24-10-2014 12:43:05	167.0369	12.2289	169323.3356
24-10-2014 12:44:05	167.2652	12.266	169411.8543
24-10-2014 12:45:05	167.4937	12.3016	169500.4976
24-10-2014 12:46:05	167.7223	12.3376	169589.0517
24-10-2014 12:47:05	167.9509	12.373	169677.6236

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 12:48:05	168.1799	12.4069	169766.3207
24-10-2014 12:49:05	168.4088	12.4411	169854.9287
24-10-2014 12:50:05	168.6378	12.4748	169943.5549
24-10-2014 12:51:05	168.8671	12.5069	170032.3067
24-10-2014 12:52:05	169.0964	12.5394	170120.9697
24-10-2014 12:53:05	169.3258	12.5713	170209.6512
24-10-2014 12:54:05	169.5555	12.6016	170298.4586
24-10-2014 12:55:05	169.7851	12.6324	170387.1775
24-10-2014 12:56:05	170.0149	12.6625	170475.9152
24-10-2014 12:57:05	170.2449	12.6911	170564.7793
24-10-2014 12:58:05	170.4748	12.7201	170653.555
24-10-2014 12:59:05	170.706	12.7476	170742.4466
24-10-2014 13:00:05	170.9362	12.7754	170831.2609
24-10-2014 13:01:05	171.1665	12.8026	170920.0946
24-10-2014 13:02:05	171.397	12.8283	171009.0553
24-10-2014 13:03:05	171.6274	12.8543	171097.928
24-10-2014 13:04:05	171.858	12.8797	171186.8204
24-10-2014 13:05:05	172.0898	12.9037	171275.8308
24-10-2014 13:06:05	172.3205	12.9279	171364.7629
24-10-2014 13:07:05	172.5515	12.9506	171453.8225
24-10-2014 13:08:05	172.7824	12.9736	171542.7946
24-10-2014 13:09:05	173.0135	12.9961	171631.7867
24-10-2014 13:10:05	173.2456	13.0171	171720.8988
24-10-2014 13:11:05	173.4768	13.0383	171809.9315
24-10-2014 13:12:05	173.7082	13.058	171899.0923
24-10-2014 13:13:05	173.9396	13.0781	171988.1658
24-10-2014 13:14:05	174.1719	13.0976	172077.2531
24-10-2014 13:15:05	174.4035	13.1155	172166.4756
24-10-2014 13:16:05	174.6351	13.1338	172255.6111
24-10-2014 13:17:05	174.8668	13.1505	172344.875
24-10-2014 13:18:05	175.0995	13.1676	172434.0464
24-10-2014 13:19:05	175.3313	13.1831	172523.3522
24-10-2014 13:20:05	175.5632	13.199	172612.5714
24-10-2014 13:21:05	175.796	13.2143	172701.8066
24-10-2014 13:22:05	176.028	13.228	172791.1758
24-10-2014 13:23:05	176.26	13.2421	172880.4585
24-10-2014 13:24:05	176.4931	13.2546	172969.866
24-10-2014 13:25:05	176.7252	13.2674	173059.1914
24-10-2014 13:26:05	176.9583	13.2787	173148.6423
24-10-2014 13:27:05	177.1906	13.2904	173238.0109
24-10-2014 13:28:05	177.4228	13.3015	173327.4008

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 13:29:05	177.6561	13.3109	173416.9172
24-10-2014 13:30:05	177.8884	13.3208	173506.3506
24-10-2014 13:31:05	178.1218	13.329	173595.9111
24-10-2014 13:32:05	178.3542	13.3377	173685.3881
24-10-2014 13:33:05	178.5866	13.3447	173774.9946
24-10-2014 13:34:05	178.82	13.3522	173864.5138
24-10-2014 13:35:05	179.0525	13.358	173954.1642
24-10-2014 13:36:05	179.286	13.3642	174043.728
24-10-2014 13:37:05	179.5185	13.3698	174133.3149
24-10-2014 13:38:05	179.7521	13.3738	174223.0312
24-10-2014 13:39:05	179.9846	13.3782	174312.6624
24-10-2014 13:40:05	180.2182	13.381	174402.4237
24-10-2014 13:41:05	180.4508	13.3842	174492.0995
24-10-2014 13:42:05	180.6843	13.3858	174581.9059
24-10-2014 13:43:05	180.917	13.3878	174671.6263
24-10-2014 13:44:05	181.1505	13.3881	174761.4781
24-10-2014 13:45:05	181.3832	13.3889	174851.2435
24-10-2014 13:46:05	181.6167	13.3881	174941.1408
24-10-2014 13:47:05	181.8503	13.3876	175030.9533
24-10-2014 13:48:05	182.0829	13.3855	175120.8939
24-10-2014 13:49:05	182.3165	13.3839	175210.7522
24-10-2014 13:50:05	182.5491	13.3806	175300.7381
24-10-2014 13:51:05	182.7827	13.3777	175390.6422
24-10-2014 13:52:05	183.0162	13.3732	175480.677
24-10-2014 13:53:05	183.2487	13.3691	175570.6235
24-10-2014 13:54:05	183.4822	13.3634	175660.7043
24-10-2014 13:55:05	183.7148	13.3581	175750.6963
24-10-2014 13:56:05	183.9482	13.3512	175840.8232
24-10-2014 13:57:05	184.1816	13.3446	175930.8657
24-10-2014 13:58:05	184.4141	13.3365	176021.034
24-10-2014 13:59:05	184.6475	13.3287	176111.1227
24-10-2014 14:00:05	184.8808	13.3194	176201.3423
24-10-2014 14:01:05	185.1131	13.3105	176291.4717
24-10-2014 14:02:05	185.3464	13.2999	176381.7377
24-10-2014 14:03:05	185.5796	13.2897	176471.9195
24-10-2014 14:04:05	185.8118	13.278	176562.2254
24-10-2014 14:05:05	186.045	13.2666	176652.4536
24-10-2014 14:06:05	186.278	13.2536	176742.8127
24-10-2014 14:07:05	186.5111	13.241	176833.0876
24-10-2014 14:08:05	186.7431	13.2269	176923.4857
24-10-2014 14:09:05	186.9761	13.2131	177013.8072

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 14:10:05	187.2089	13.1976	177104.2595
24-10-2014 14:11:05	187.4418	13.1826	177194.6278
24-10-2014 14:12:05	187.6736	13.1661	177285.1181
24-10-2014 14:13:05	187.9063	13.1499	177375.533
24-10-2014 14:14:05	188.1389	13.1321	177466.0787
24-10-2014 14:15:05	188.3715	13.1146	177556.5405
24-10-2014 14:16:05	188.604	13.0956	177647.133
24-10-2014 14:17:05	188.8355	13.0771	177737.6314
24-10-2014 14:18:05	189.0678	13.0569	177828.2704
24-10-2014 14:19:05	189.3	13.0361	177918.9328
24-10-2014 14:20:05	189.5323	13.0157	178009.5114
24-10-2014 14:21:05	189.7644	12.9936	178100.2206
24-10-2014 14:22:05	189.9965	12.972	178190.8458
24-10-2014 14:23:05	190.2284	12.9488	178281.6017
24-10-2014 14:24:05	190.4593	12.9261	178372.2617
24-10-2014 14:25:05	190.6911	12.9017	178463.064
24-10-2014 14:26:05	190.9228	12.8778	178553.7825
24-10-2014 14:27:05	191.1544	12.8522	178644.6313
24-10-2014 14:28:05	191.3858	12.826	178735.5035
24-10-2014 14:29:05	191.6173	12.8002	178826.2919
24-10-2014 14:30:05	191.8485	12.7729	178917.2105
24-10-2014 14:31:05	192.0798	12.7459	179008.0453
24-10-2014 14:32:05	192.3108	12.7174	179099.0104
24-10-2014 14:33:05	192.5419	12.6893	179189.8917
24-10-2014 14:34:05	192.7727	12.6596	179280.903
24-10-2014 14:35:05	193.0024	12.6294	179371.9226
24-10-2014 14:36:05	193.2332	12.5995	179462.8731
24-10-2014 14:37:05	193.4637	12.568	179553.9533
24-10-2014 14:38:05	193.6942	12.537	179644.95
24-10-2014 14:39:05	193.9244	12.5044	179736.0764
24-10-2014 14:40:05	194.1546	12.4711	179827.2257
24-10-2014 14:41:05	194.3847	12.4383	179918.2912
24-10-2014 14:42:05	194.6146	12.4039	180009.4864
24-10-2014 14:43:05	194.8445	12.37	180100.5977
24-10-2014 14:44:05	195.0741	12.3344	180191.8386
24-10-2014 14:45:05	195.3048	12.2991	180283.0131
24-10-2014 14:46:05	195.5341	12.2624	180374.2998
24-10-2014 14:47:05	195.7633	12.2252	180465.6091
24-10-2014 14:48:05	195.9926	12.1883	180556.8345
24-10-2014 14:49:05	196.2216	12.1499	180648.189
24-10-2014 14:50:05	196.4504	12.1109	180739.5662

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 14:51:05	196.6792	12.0723	180830.8595
24-10-2014 14:52:05	196.9078	12.0322	180922.2815
24-10-2014 14:53:05	197.1364	11.9925	181013.6197
24-10-2014 14:54:05	197.3646	11.9512	181105.0867
24-10-2014 14:55:05	197.5927	11.9093	181196.5758
24-10-2014 14:56:05	197.8208	11.8679	181287.9812
24-10-2014 14:57:05	198.0496	11.8247	181379.5354
24-10-2014 14:58:05	198.2774	11.7822	181470.9854
24-10-2014 14:59:05	198.5049	11.7381	181562.5636
24-10-2014 15:00:05	198.7322	11.6934	181654.1638
24-10-2014 15:01:05	198.9596	11.6492	181745.68
24-10-2014 15:02:05	199.1866	11.6034	181837.324
24-10-2014 15:03:05	199.4134	11.557	181928.99
24-10-2014 15:04:05	199.6413	11.5109	182020.5943
24-10-2014 15:05:05	199.8678	11.4634	182112.304
24-10-2014 15:06:05	200.0944	11.4164	182203.9296
24-10-2014 15:07:05	200.3206	11.3678	182295.6826
24-10-2014 15:08:05	200.5466	11.3187	182387.4571
24-10-2014 15:09:05	200.7736	11.2698	182479.1712
24-10-2014 15:10:05	200.9993	11.2196	182570.9888
24-10-2014 15:11:05	201.2248	11.1688	182662.8277
24-10-2014 15:12:05	201.4504	11.1185	182754.5823
24-10-2014 15:13:05	201.6764	11.0664	182846.4883
24-10-2014 15:14:05	201.9014	11.014	182938.391
24-10-2014 15:15:05	202.1265	10.962	183030.2093
24-10-2014 15:16:05	202.3511	10.9085	183122.1541
24-10-2014 15:17:05	202.5764	10.8542	183214.1452
24-10-2014 15:18:05	202.8009	10.8006	183306.0265
24-10-2014 15:19:05	203.025	10.7455	183398.0337
24-10-2014 15:20:05	203.2489	10.6898	183490.0616
24-10-2014 15:21:05	203.4738	10.6344	183582.0315
24-10-2014 15:22:05	203.6973	10.5777	183674.1006
24-10-2014 15:23:05	203.9206	10.5204	183766.19
24-10-2014 15:24:05	204.1449	10.4633	183858.2222
24-10-2014 15:25:05	204.3679	10.405	183950.3524
24-10-2014 15:26:05	204.5906	10.3462	184042.5026
24-10-2014 15:27:05	204.8143	10.2875	184134.5962
24-10-2014 15:28:05	205.0367	10.2276	184226.7867
24-10-2014 15:29:05	205.2589	10.1672	184318.9969
24-10-2014 15:30:05	205.482	10.107	184411.1511
24-10-2014 15:31:05	205.7038	10.0455	184503.401

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 15:32:05	205.9263	9.9832	184595.6997
24-10-2014 15:33:05	206.1479	9.9217	184687.8843
24-10-2014 15:34:05	206.3691	9.8587	184780.1927
24-10-2014 15:35:05	206.591	9.7949	184872.5504
24-10-2014 15:36:05	206.8117	9.7308	184964.8974
24-10-2014 15:37:05	207.0335	9.6669	185057.1898
24-10-2014 15:38:05	207.2538	9.6019	185149.575
24-10-2014 15:39:05	207.474	9.5363	185241.9792
24-10-2014 15:40:05	207.6951	9.4709	185334.3291
24-10-2014 15:41:05	207.9149	9.4043	185426.7708
24-10-2014 15:42:05	208.1353	9.3369	185519.2626
24-10-2014 15:43:05	208.3549	9.2702	185611.6376
24-10-2014 15:44:05	208.5749	9.2018	185704.1669
24-10-2014 15:45:05	208.7938	9.1332	185796.6824
24-10-2014 15:46:05	209.0134	9.0638	185889.2486
24-10-2014 15:47:05	209.2322	8.9952	185981.6968
24-10-2014 15:48:05	209.4513	8.9248	186074.2995
24-10-2014 15:49:05	209.6694	8.8542	186166.8871
24-10-2014 15:50:05	209.8884	8.7838	186259.4224
24-10-2014 15:51:05	210.106	8.7122	186352.0454
24-10-2014 15:52:05	210.3243	8.6398	186444.7196
24-10-2014 15:53:05	210.5415	8.5673	186537.3775
24-10-2014 15:54:05	210.7597	8.4949	186629.9836
24-10-2014 15:55:05	210.9764	8.4214	186722.6758
24-10-2014 15:56:05	211.1938	8.347	186815.4198
24-10-2014 15:57:05	211.4105	8.2735	186908.0429
24-10-2014 15:58:05	211.6275	8.1982	187000.821
24-10-2014 15:59:05	211.8433	8.1228	187093.5805
24-10-2014 16:00:05	212.0598	8.0465	187186.392
24-10-2014 16:01:05	212.2765	7.9708	187279.1175
24-10-2014 16:02:05	212.4917	7.8939	187371.9263
24-10-2014 16:03:05	212.7076	7.8163	187464.7874
24-10-2014 16:04:05	212.9223	7.7385	187557.6282
24-10-2014 16:05:05	213.1381	7.6608	187650.4191
24-10-2014 16:06:05	213.3533	7.5817	187743.3285
24-10-2014 16:07:05	213.5674	7.5025	187836.2166
24-10-2014 16:08:05	213.7822	7.4225	187929.1574
24-10-2014 16:09:05	213.9962	7.3433	188021.9741
24-10-2014 16:10:05	214.2105	7.2624	188114.9459
24-10-2014 16:11:05	214.4245	7.181	188207.9331
24-10-2014 16:12:05	214.6375	7.0995	188300.8971

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 16:13:05	214.8515	7.0182	188393.8123
24-10-2014 16:14:05	215.0649	6.9354	188486.8444
24-10-2014 16:15:05	215.2772	6.8526	188579.8524
24-10-2014 16:16:05	215.4901	6.7689	188672.9137
24-10-2014 16:17:05	215.7032	6.6858	188765.8879
24-10-2014 16:18:05	215.9149	6.6016	188858.9385
24-10-2014 16:19:05	216.1271	6.5166	188952.0427
24-10-2014 16:20:05	216.3391	6.4311	189045.1609
24-10-2014 16:21:05	216.551	6.3453	189138.2929
24-10-2014 16:22:05	216.7621	6.2602	189231.2972
24-10-2014 16:23:05	216.9734	6.1735	189324.4564
24-10-2014 16:24:05	217.1845	6.0863	189417.629
24-10-2014 16:25:05	217.3946	5.999	189510.774
24-10-2014 16:26:05	217.6056	5.9119	189603.8719
24-10-2014 16:27:05	217.8161	5.8234	189697.0837
24-10-2014 16:28:05	218.0263	5.7344	189790.3084
24-10-2014 16:29:05	218.2354	5.6455	189883.5039
24-10-2014 16:30:05	218.4452	5.5557	189976.7535
24-10-2014 16:31:05	218.6551	5.4664	190069.9149
24-10-2014 16:32:05	218.8644	5.3758	190163.1891
24-10-2014 16:33:05	219.0735	5.2847	190256.4753
24-10-2014 16:34:05	219.2815	5.1936	190349.7305
24-10-2014 16:35:05	219.4906	5.1027	190442.9398
24-10-2014 16:36:05	219.699	5.0104	190536.2609
24-10-2014 16:37:05	219.9071	4.9176	190629.5933
24-10-2014 16:38:05	220.1151	4.8245	190722.937
24-10-2014 16:39:05	220.322	4.7314	190816.2478
24-10-2014 16:40:05	220.5299	4.6383	190909.5133
24-10-2014 16:41:05	220.7372	4.544	191002.8893
24-10-2014 16:42:05	220.9442	4.4492	191096.2759
24-10-2014 16:43:05	221.151	4.3541	191189.6728
24-10-2014 16:44:05	221.3576	4.2585	191283.0799
24-10-2014 16:45:05	221.564	4.1625	191376.4969
24-10-2014 16:46:05	221.7697	4.0675	191469.7794
24-10-2014 16:47:05	221.9757	3.9707	191563.2158
24-10-2014 16:48:05	222.1814	3.8736	191656.6617
24-10-2014 16:49:05	222.3868	3.776	191750.1169
24-10-2014 16:50:05	222.5921	3.6781	191843.5812
24-10-2014 16:51:05	222.7976	3.5806	191936.9555
24-10-2014 16:52:05	223.0024	3.4819	192030.4376
24-10-2014 16:53:05	223.207	3.3828	192123.9283

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
24-10-2014 16:54:05	223.4114	3.2833	192217.4274
24-10-2014 16:55:05	223.6147	3.1839	192310.8879
24-10-2014 16:56:05	223.8186	3.0836	192404.403
24-10-2014 16:57:05	224.0228	2.9839	192497.8277
24-10-2014 16:58:05	224.2263	2.8829	192591.3584
24-10-2014 16:59:05	224.4296	2.7815	192684.8966
24-10-2014 17:00:05	224.6326	2.6798	192778.4422
24-10-2014 17:01:05	224.8355	2.5776	192871.9949
24-10-2014 17:02:05	225.0381	2.4752	192965.5545
24-10-2014 17:03:05	225.241	2.3732	193059.023
24-10-2014 17:04:05	225.4432	2.27	193152.5959
24-10-2014 17:05:05	225.6452	2.1664	193246.1753
24-10-2014 17:06:05	225.847	2.0624	193339.7608
24-10-2014 17:07:05	226.0485	1.9581	193433.3523
24-10-2014 17:08:05	226.2499	1.8534	193526.9497
24-10-2014 17:09:05	226.4515	1.7493	193620.4552
24-10-2014 17:10:05	226.6524	1.6439	193714.0636
24-10-2014 17:11:05	226.8531	1.5381	193807.6771
24-10-2014 17:12:05	227.0536	1.432	193901.2957
24-10-2014 17:13:05	227.2539	1.3256	193994.9192
24-10-2014 17:14:05	227.454	1.2188	194088.5473
24-10-2014 17:15:05	227.6539	1.1116	194182.1797
24-10-2014 17:16:05	227.8541	1.005	194275.7197
24-10-2014 17:17:05	228.0535	0.8972	194369.3605
24-10-2014 17:18:05	228.2528	0.789	194463.0052
24-10-2014 17:19:05	228.4519	0.6805	194556.6534
24-10-2014 17:20:05	228.6507	0.5717	194650.3052
24-10-2014 17:21:05	228.8502	0.462	194744.0112
24-10-2014 17:22:05	229.0487	0.3525	194837.6693
24-10-2014 17:23:05	229.2474	0.2435	194931.2341
24-10-2014 17:24:05	229.4455	0.1333	195024.8978
24-10-2014 17:25:05	229.6433	0.0228	195118.5638
25-10-2014 10:06:05	126.4508	0.0716	262310.7693
25-10-2014 10:07:05	126.6481	0.1944	262352.4745
25-10-2014 10:08:05	126.8461	0.316	262394.289
25-10-2014 10:09:05	127.0443	0.4374	262436.1185
25-10-2014 10:10:05	127.2428	0.5584	262477.9636
25-10-2014 10:11:05	127.4417	0.6805	262519.6754
25-10-2014 10:12:05	127.6406	0.8009	262561.5519
25-10-2014 10:13:05	127.8397	0.921	262603.4447
25-10-2014 10:14:05	128.0389	1.0408	262645.3539

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 10:15:05	128.2379	1.1611	262687.1846
25-10-2014 10:16:05	128.4384	1.2807	262729.0742
25-10-2014 10:17:05	128.6384	1.3996	262771.0344
25-10-2014 10:18:05	128.838	1.519	262812.9165
25-10-2014 10:19:05	129.0384	1.6371	262854.9119
25-10-2014 10:20:05	129.2389	1.755	262896.9251
25-10-2014 10:21:05	129.4405	1.873	262938.9042
25-10-2014 10:22:05	129.6411	1.9911	262980.8586
25-10-2014 10:23:05	129.8423	2.108	263022.9274
25-10-2014 10:24:05	130.0438	2.2245	263065.0153
25-10-2014 10:25:05	130.2449	2.3416	263107.0263
25-10-2014 10:26:05	130.4477	2.4579	263149.1014
25-10-2014 10:27:05	130.6498	2.5735	263191.2478
25-10-2014 10:28:05	130.8522	2.6887	263233.4144
25-10-2014 10:29:05	131.0543	2.8044	263275.5048
25-10-2014 10:30:05	131.2571	2.9189	263317.7121
25-10-2014 10:31:05	131.461	3.0335	263359.8894
25-10-2014 10:32:05	131.6643	3.1474	263402.1386
25-10-2014 10:33:05	131.8673	3.2617	263444.3124
25-10-2014 10:34:05	132.071	3.3748	263486.6044
25-10-2014 10:35:05	132.2759	3.488	263528.868
25-10-2014 10:36:05	132.4801	3.6004	263571.2039
25-10-2014 10:37:05	132.6841	3.7134	263613.465
25-10-2014 10:38:05	132.8887	3.8251	263655.8456
25-10-2014 10:39:05	133.0945	3.9368	263698.1994
25-10-2014 10:40:05	133.2992	4.0487	263740.5287
25-10-2014 10:41:05	133.5046	4.1593	263782.9784
25-10-2014 10:42:05	133.7103	4.2695	263825.4515
25-10-2014 10:43:05	133.9162	4.3794	263867.9484
25-10-2014 10:44:05	134.1227	4.4902	263910.323
25-10-2014 10:45:05	134.329	4.5994	263952.8681
25-10-2014 10:46:05	134.5357	4.7081	263995.4376
25-10-2014 10:47:05	134.7425	4.8165	264038.0319
25-10-2014 10:48:05	134.95	4.9258	264080.5051
25-10-2014 10:49:05	135.1574	5.0334	264123.1494
25-10-2014 10:50:05	135.365	5.1407	264165.8192
25-10-2014 10:51:05	135.5728	5.2475	264208.5145
25-10-2014 10:52:05	135.7813	5.3553	264251.0904
25-10-2014 10:53:05	135.9897	5.4614	264293.8377
25-10-2014 10:54:05	136.1983	5.5671	264336.6114
25-10-2014 10:55:05	136.4067	5.6733	264379.3131

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 10:56:05	136.6166	5.7786	264422.0936
25-10-2014 10:57:05	136.826	5.8831	264464.9477
25-10-2014 10:58:05	137.0356	5.9873	264507.829
25-10-2014 10:59:05	137.2458	6.0923	264550.5931
25-10-2014 11:00:05	137.4559	6.1956	264593.5296
25-10-2014 11:01:05	137.6663	6.2985	264636.4942
25-10-2014 11:02:05	137.8769	6.401	264679.4867
25-10-2014 11:03:05	138.0882	6.5045	264722.3634
25-10-2014 11:04:05	138.2993	6.6061	264765.4131
25-10-2014 11:05:05	138.5107	6.7074	264808.4915
25-10-2014 11:06:05	138.7223	6.8083	264851.599
25-10-2014 11:07:05	138.9347	6.9101	264894.5919
25-10-2014 11:08:05	139.1468	7.0101	264937.7581
25-10-2014 11:09:05	139.3592	7.1097	264980.954
25-10-2014 11:10:05	139.5728	7.2093	265024.1361
25-10-2014 11:11:05	139.7853	7.309	265067.2925
25-10-2014 11:12:05	139.9984	7.4074	265110.5789
25-10-2014 11:13:05	140.2119	7.5053	265153.8958
25-10-2014 11:14:05	140.4265	7.6032	265197.2005
25-10-2014 11:15:05	140.64	7.7012	265240.4794
25-10-2014 11:16:05	140.8542	7.7978	265283.8892
25-10-2014 11:17:05	141.0696	7.8944	265327.2883
25-10-2014 11:18:05	141.2843	7.9902	265370.7613
25-10-2014 11:19:05	141.4989	8.0865	265414.166
25-10-2014 11:20:05	141.7142	8.1814	265457.7028
25-10-2014 11:21:05	141.9306	8.2762	265501.2304
25-10-2014 11:22:05	142.1463	8.3702	265544.832
25-10-2014 11:23:05	142.362	8.4647	265588.3658
25-10-2014 11:24:05	142.5792	8.5582	265631.9921
25-10-2014 11:25:05	142.7957	8.6508	265675.6924
25-10-2014 11:26:05	143.0126	8.7431	265719.4259
25-10-2014 11:27:05	143.2301	8.8361	265763.0519
25-10-2014 11:28:05	143.4475	8.9274	265806.8526
25-10-2014 11:29:05	143.6651	9.0183	265850.6872
25-10-2014 11:30:05	143.883	9.1087	265894.5558
25-10-2014 11:31:05	144.1016	9.1999	265938.3183
25-10-2014 11:32:05	144.32	9.2894	265982.2557
25-10-2014 11:33:05	144.5387	9.3784	266026.2277
25-10-2014 11:34:05	144.7585	9.4673	266070.1959
25-10-2014 11:35:05	144.9773	9.5563	266114.1367
25-10-2014 11:36:05	145.1967	9.6439	266158.2138

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 11:37:05	145.4173	9.7314	266202.2884
25-10-2014 11:38:05	145.6373	9.818	266246.4369
25-10-2014 11:39:05	145.8575	9.9042	266290.621
25-10-2014 11:40:05	146.0785	9.9912	266334.7022
25-10-2014 11:41:05	146.2992	10.0764	266378.9586
25-10-2014 11:42:05	146.5202	10.1612	266423.2513
25-10-2014 11:43:05	146.7424	10.2458	266467.5439
25-10-2014 11:44:05	146.9635	10.3305	266511.8082
25-10-2014 11:45:05	147.1853	10.4138	266556.2112
25-10-2014 11:46:05	147.4083	10.4969	266600.6153
25-10-2014 11:47:05	147.6305	10.5792	266645.0928
25-10-2014 11:48:05	147.8527	10.662	266689.5056
25-10-2014 11:49:05	148.0765	10.7436	266734.0228
25-10-2014 11:50:05	148.2995	10.8245	266778.6132
25-10-2014 11:51:05	148.5228	10.9048	266823.2417
25-10-2014 11:52:05	148.747	10.9859	266867.7712
25-10-2014 11:53:05	148.9708	11.0652	266912.4762
25-10-2014 11:54:05	149.1949	11.1441	266957.2197
25-10-2014 11:55:05	149.4201	11.2227	267001.968
25-10-2014 11:56:05	149.6444	11.3015	267046.6865
25-10-2014 11:57:05	149.8702	11.3791	267091.5132
25-10-2014 11:58:05	150.0953	11.4559	267136.4126
25-10-2014 11:59:05	150.3206	11.5321	267181.3514
25-10-2014 12:00:05	150.5471	11.6082	267226.2968
25-10-2014 12:01:05	150.7727	11.6844	267271.2121
25-10-2014 12:02:05	150.9988	11.7591	267316.2701
25-10-2014 12:03:05	151.226	11.8336	267361.3359
25-10-2014 12:04:05	151.4526	11.9073	267406.4741
25-10-2014 12:05:05	151.6791	11.9815	267451.5496
25-10-2014 12:06:05	151.9072	12.0544	267496.7372
25-10-2014 12:07:05	152.1345	12.1265	267541.997
25-10-2014 12:08:05	152.3621	12.1981	267587.2974
25-10-2014 12:09:05	152.5905	12.2704	267632.5051
25-10-2014 12:10:05	152.8186	12.3409	267677.8879
25-10-2014 12:11:05	153.0478	12.4112	267723.2818
25-10-2014 12:12:05	153.2764	12.4807	267768.7474
25-10-2014 12:13:05	153.5052	12.5496	267814.2544
25-10-2014 12:14:05	153.7348	12.6192	267859.6704
25-10-2014 12:15:05	153.9641	12.687	267905.2612
25-10-2014 12:16:05	154.1936	12.7543	267950.894
25-10-2014 12:17:05	154.4243	12.8213	267996.5403

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 12:18:05	154.6539	12.8885	268042.1541
25-10-2014 12:19:05	154.8851	12.9544	268087.8858
25-10-2014 12:20:05	155.1155	13.0196	268133.6884
25-10-2014 12:21:05	155.3462	13.0841	268179.5338
25-10-2014 12:22:05	155.578	13.1484	268225.3946
25-10-2014 12:23:05	155.8089	13.2128	268271.222
25-10-2014 12:24:05	156.0412	13.276	268317.1696
25-10-2014 12:25:05	156.2728	13.3383	268363.1876
25-10-2014 12:26:05	156.5046	13.4001	268409.249
25-10-2014 12:27:05	156.7373	13.4625	268455.2236
25-10-2014 12:28:05	156.9695	13.5232	268501.3724
25-10-2014 12:29:05	157.203	13.5835	268547.5394
25-10-2014 12:30:05	157.4356	13.6431	268593.7761
25-10-2014 12:31:05	157.6686	13.702	268640.0569
25-10-2014 12:32:05	157.9024	13.7616	268686.2527
25-10-2014 12:33:05	158.1357	13.8195	268732.6222
25-10-2014 12:34:05	158.3702	13.877	268779.0117
25-10-2014 12:35:05	158.604	13.9336	268825.4705
25-10-2014 12:36:05	158.8378	13.9907	268871.8695
25-10-2014 12:37:05	159.0729	14.0465	268918.394
25-10-2014 12:38:05	159.3073	14.1015	268964.9874
25-10-2014 12:39:05	159.5429	14.1561	269011.6028
25-10-2014 12:40:05	159.7777	14.2099	269058.2866
25-10-2014 12:41:05	160.0124	14.2641	269104.9111
25-10-2014 12:42:05	160.2486	14.3169	269151.6633
25-10-2014 12:43:05	160.484	14.369	269198.4835
25-10-2014 12:44:05	160.7206	14.4206	269245.3277
25-10-2014 12:45:05	160.9564	14.4715	269292.2395
25-10-2014 12:46:05	161.1932	14.523	269339.0712
25-10-2014 12:47:05	161.4294	14.5727	269386.0751
25-10-2014 12:48:05	161.6657	14.6218	269433.1251
25-10-2014 12:49:05	161.9033	14.6705	269480.2008
25-10-2014 12:50:05	162.14	14.7185	269527.3435
25-10-2014 12:51:05	162.3777	14.767	269574.4077
25-10-2014 12:52:05	162.6149	14.8137	269621.6435
25-10-2014 12:53:05	162.8532	14.86	269668.9065
25-10-2014 12:54:05	163.0907	14.9056	269716.2359
25-10-2014 12:55:05	163.3281	14.9515	269763.507
25-10-2014 12:56:05	163.567	14.996	269810.9114
25-10-2014 12:57:05	163.805	15.0397	269858.3817
25-10-2014 12:58:05	164.0441	15.083	269905.8811

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 12:59:05	164.2825	15.1256	269953.4458
25-10-2014 13:00:05	164.5218	15.1686	270000.9352
25-10-2014 13:01:05	164.7605	15.2099	270048.5949
25-10-2014 13:02:05	165.0004	15.2508	270096.2851
25-10-2014 13:03:05	165.2394	15.2909	270144.04
25-10-2014 13:04:05	165.4786	15.3304	270191.8427
25-10-2014 13:05:05	165.7187	15.3704	270239.5715
25-10-2014 13:06:05	165.9582	15.4087	270287.4699
25-10-2014 13:07:05	166.1988	15.4465	270335.4005
25-10-2014 13:08:05	166.4386	15.4835	270383.395
25-10-2014 13:09:05	166.6796	15.52	270431.4227
25-10-2014 13:10:05	166.9195	15.5568	270479.4081
25-10-2014 13:11:05	167.1607	15.5922	270527.5328
25-10-2014 13:12:05	167.4011	15.6267	270575.7206
25-10-2014 13:13:05	167.6426	15.6608	270623.9428
25-10-2014 13:14:05	167.8833	15.6941	270672.2277
25-10-2014 13:15:05	168.1239	15.7278	270720.4555
25-10-2014 13:16:05	168.3658	15.76	270768.8243
25-10-2014 13:17:05	168.6069	15.7914	270817.2552
25-10-2014 13:18:05	168.8491	15.8224	270865.7222
25-10-2014 13:19:05	169.0904	15.8526	270914.251
25-10-2014 13:20:05	169.3327	15.8833	270962.7109
25-10-2014 13:21:05	169.5742	15.9122	271011.3376
25-10-2014 13:22:05	169.8169	15.9406	271060.002
25-10-2014 13:23:05	170.0587	15.9683	271108.7272
25-10-2014 13:24:05	170.3016	15.9955	271157.4905
25-10-2014 13:25:05	170.5435	16.0229	271206.2085
25-10-2014 13:26:05	170.7866	16.0488	271255.0712
25-10-2014 13:27:05	171.0288	16.074	271303.9938
25-10-2014 13:28:05	171.2722	16.0986	271352.9559
25-10-2014 13:29:05	171.5146	16.1225	271401.9776
25-10-2014 13:30:05	171.758	16.1468	271450.9336
25-10-2014 13:31:05	172.0007	16.1694	271500.0546
25-10-2014 13:32:05	172.2444	16.1915	271549.2164
25-10-2014 13:33:05	172.4872	16.2129	271598.4369
25-10-2014 13:34:05	172.7311	16.2337	271647.6988
25-10-2014 13:35:05	172.974	16.2547	271696.9131
25-10-2014 13:36:05	173.2181	16.2743	271746.2754
25-10-2014 13:37:05	173.4613	16.2931	271795.6956
25-10-2014 13:38:05	173.7055	16.3113	271845.1583
25-10-2014 13:39:05	173.9488	16.3288	271894.6785

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 13:40:05	174.1931	16.3468	271944.1361
25-10-2014 13:41:05	174.4366	16.363	271993.7565
25-10-2014 13:42:05	174.6811	16.3786	272043.4208
25-10-2014 13:43:05	174.9247	16.3936	272093.1416
25-10-2014 13:44:05	175.1694	16.408	272142.907
25-10-2014 13:45:05	175.4131	16.4216	272192.7284
25-10-2014 13:46:05	175.6578	16.4357	272242.4888
25-10-2014 13:47:05	175.9016	16.4481	272292.4108
25-10-2014 13:48:05	176.1465	16.4599	272342.3787
25-10-2014 13:49:05	176.3904	16.471	272392.4015
25-10-2014 13:50:05	176.6354	16.4815	272442.4707
25-10-2014 13:51:05	176.8794	16.4923	272492.4883
25-10-2014 13:52:05	177.1244	16.5015	272542.6591
25-10-2014 13:53:05	177.3685	16.51	272592.8837
25-10-2014 13:54:05	177.6137	16.5179	272643.156
25-10-2014 13:55:05	177.8578	16.5251	272693.4818
25-10-2014 13:56:05	178.103	16.5327	272743.7498
25-10-2014 13:57:05	178.3472	16.5386	272794.1767
25-10-2014 13:58:05	178.5925	16.544	272844.6526
25-10-2014 13:59:05	178.8368	16.5486	272895.1808
25-10-2014 14:00:05	179.082	16.5526	272945.7585
25-10-2014 14:01:05	179.3263	16.5559	272996.388
25-10-2014 14:02:05	179.5717	16.5597	273046.9614
25-10-2014 14:03:05	179.816	16.5617	273097.6922
25-10-2014 14:04:05	180.0613	16.5631	273148.4737
25-10-2014 14:05:05	180.3057	16.5639	273199.306
25-10-2014 14:06:05	180.551	16.564	273250.1894
25-10-2014 14:07:05	180.7954	16.5644	273301.017
25-10-2014 14:08:05	181.0407	16.5632	273352.0024
25-10-2014 14:09:05	181.2861	16.5614	273403.0389
25-10-2014 14:10:05	181.5304	16.5589	273454.1249
25-10-2014 14:11:05	181.7757	16.5558	273505.2634
25-10-2014 14:12:05	182.02	16.552	273556.4509
25-10-2014 14:13:05	182.2654	16.5486	273607.5853
25-10-2014 14:14:05	182.5096	16.5435	273658.8742
25-10-2014 14:15:05	182.7549	16.5378	273710.2167
25-10-2014 14:16:05	182.9991	16.5314	273761.6069
25-10-2014 14:17:05	183.2443	16.5244	273813.0515
25-10-2014 14:18:05	183.4885	16.5177	273864.437
25-10-2014 14:19:05	183.7337	16.5094	273915.9834
25-10-2014 14:20:05	183.9788	16.5004	273967.5809

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 14:21:05	184.2228	16.4908	274019.2247
25-10-2014 14:22:05	184.4678	16.4806	274070.9239
25-10-2014 14:23:05	184.7118	16.4697	274122.669
25-10-2014 14:24:05	184.9568	16.4591	274174.3641
25-10-2014 14:25:05	185.2007	16.447	274226.2102
25-10-2014 14:26:05	185.4455	16.4341	274278.113
25-10-2014 14:27:05	185.6893	16.4207	274330.0603
25-10-2014 14:28:05	185.934	16.4065	274382.0647
25-10-2014 14:29:05	186.1787	16.3917	274434.12
25-10-2014 14:30:05	186.4223	16.3773	274486.113
25-10-2014 14:31:05	186.6669	16.3613	274538.2698
25-10-2014 14:32:05	186.9103	16.3446	274590.4695
25-10-2014 14:33:05	187.1547	16.3272	274642.7276
25-10-2014 14:34:05	187.3981	16.3093	274695.0281
25-10-2014 14:35:05	187.6423	16.2906	274747.3875
25-10-2014 14:36:05	187.8865	16.2723	274799.6917
25-10-2014 14:37:05	188.1296	16.2525	274852.1432
25-10-2014 14:38:05	188.3736	16.2319	274904.6543
25-10-2014 14:39:05	188.6166	16.2108	274957.2062
25-10-2014 14:40:05	188.8604	16.1889	275009.8182
25-10-2014 14:41:05	189.1032	16.1675	275062.3645
25-10-2014 14:42:05	189.3469	16.1444	275115.0771
25-10-2014 14:43:05	189.5904	16.1207	275167.8403
25-10-2014 14:44:05	189.8329	16.0964	275220.6426
25-10-2014 14:45:05	190.0762	16.0713	275273.5062
25-10-2014 14:46:05	190.3184	16.0458	275326.4084
25-10-2014 14:47:05	190.5617	16.0205	275379.2665
25-10-2014 14:48:05	190.8037	15.9936	275432.2683
25-10-2014 14:49:05	191.0466	15.9661	275485.3322
25-10-2014 14:50:05	191.2894	15.9379	275538.4462
25-10-2014 14:51:05	191.5311	15.9092	275591.5972
25-10-2014 14:52:05	191.7737	15.8797	275644.8109
25-10-2014 14:53:05	192.0153	15.8507	275697.9554
25-10-2014 14:54:05	192.2576	15.82	275751.2687
25-10-2014 14:55:05	192.4998	15.7887	275804.6318
25-10-2014 14:56:05	192.7409	15.7568	275858.0302
25-10-2014 14:57:05	192.9828	15.7242	275911.4924
25-10-2014 14:58:05	193.2236	15.6912	275964.9894
25-10-2014 14:59:05	193.4653	15.6573	276018.5505
25-10-2014 15:00:05	193.707	15.6239	276072.0559
25-10-2014 15:01:05	193.9474	15.5889	276125.7002

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 15:02:05	194.1886	15.5532	276179.4094
25-10-2014 15:03:05	194.4287	15.517	276233.1516
25-10-2014 15:04:05	194.6697	15.4801	276286.9591
25-10-2014 15:05:05	194.9105	15.4425	276340.8157
25-10-2014 15:06:05	195.1504	15.4055	276394.5991
25-10-2014 15:07:05	195.3909	15.3667	276448.5535
25-10-2014 15:08:05	195.6302	15.3275	276502.5393
25-10-2014 15:09:05	195.8704	15.2875	276556.5912
25-10-2014 15:10:05	196.1105	15.2468	276610.692
25-10-2014 15:11:05	196.3494	15.2058	276664.823
25-10-2014 15:12:05	196.5892	15.1649	276718.9157
25-10-2014 15:13:05	196.8288	15.1225	276773.162
25-10-2014 15:14:05	197.0672	15.0796	276827.4376
25-10-2014 15:15:05	197.3064	15.0359	276881.7804
25-10-2014 15:16:05	197.5445	14.9918	276936.1518
25-10-2014 15:17:05	197.7833	14.947	276990.5909
25-10-2014 15:18:05	198.0222	14.9025	277044.9733
25-10-2014 15:19:05	198.2597	14.8566	277099.4879
25-10-2014 15:20:05	198.4981	14.8099	277154.0708
25-10-2014 15:21:05	198.7362	14.7627	277208.7015
25-10-2014 15:22:05	198.9732	14.715	277263.3586
25-10-2014 15:23:05	199.211	14.6665	277318.0844
25-10-2014 15:24:05	199.4476	14.6177	277372.8359
25-10-2014 15:25:05	199.6852	14.569	277427.5519
25-10-2014 15:26:05	199.9225	14.5188	277482.4198
25-10-2014 15:27:05	200.1585	14.4681	277537.3123
25-10-2014 15:28:05	200.3953	14.4167	277592.2743
25-10-2014 15:29:05	200.632	14.3647	277647.2834
25-10-2014 15:30:05	200.8675	14.3124	277702.316
25-10-2014 15:31:05	201.1037	14.2592	277757.4186
25-10-2014 15:32:05	201.34	14.2064	277812.4636
25-10-2014 15:33:05	201.5748	14.1523	277867.6354
25-10-2014 15:34:05	201.8105	14.0974	277922.8777
25-10-2014 15:35:05	202.0449	14.0421	277978.1415
25-10-2014 15:36:05	202.2802	13.986	278033.4762
25-10-2014 15:37:05	202.5152	13.9294	278088.8571
25-10-2014 15:38:05	202.7493	13.8734	278144.1545
25-10-2014 15:39:05	202.9839	13.8156	278199.6271
25-10-2014 15:40:05	203.2182	13.7572	278255.1456
25-10-2014 15:41:05	203.4514	13.6985	278310.6836
25-10-2014 15:42:05	203.6854	13.639	278366.2932

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 15:43:05	203.9191	13.579	278421.9482
25-10-2014 15:44:05	204.1517	13.5186	278477.6216
25-10-2014 15:45:05	204.3852	13.4584	278533.2632
25-10-2014 15:46:05	204.6183	13.3966	278589.0537
25-10-2014 15:47:05	204.8502	13.3346	278644.8615
25-10-2014 15:48:05	205.0828	13.2717	278700.7416
25-10-2014 15:49:05	205.3152	13.2083	278756.6665
25-10-2014 15:50:05	205.5465	13.1445	278812.6074
25-10-2014 15:51:05	205.7784	13.08	278868.6212
25-10-2014 15:52:05	206.0104	13.0159	278924.5758
25-10-2014 15:53:05	206.2409	12.9505	278980.6488
25-10-2014 15:54:05	206.4722	12.8843	279036.7949
25-10-2014 15:55:05	206.7032	12.8176	279092.9851
25-10-2014 15:56:05	206.9331	12.7506	279149.189
25-10-2014 15:57:05	207.1636	12.6828	279205.4663
25-10-2014 15:58:05	207.3939	12.6144	279261.7872
25-10-2014 15:59:05	207.6234	12.5468	279318.0177
25-10-2014 16:00:05	207.8533	12.4773	279374.4251
25-10-2014 16:01:05	208.0829	12.4074	279430.8755
25-10-2014 16:02:05	208.3113	12.3371	279487.3375
25-10-2014 16:03:05	208.5404	12.2661	279543.8735
25-10-2014 16:04:05	208.7693	12.1945	279600.4523
25-10-2014 16:05:05	208.997	12.1227	279657.0414
25-10-2014 16:06:05	209.2258	12.0511	279713.6021
25-10-2014 16:07:05	209.4539	11.9779	279770.3078
25-10-2014 16:08:05	209.6809	11.9045	279827.0228
25-10-2014 16:09:05	209.9086	11.8303	279883.8124
25-10-2014 16:10:05	210.136	11.7556	279940.6438
25-10-2014 16:11:05	210.3632	11.6804	279997.5167
25-10-2014 16:12:05	210.5892	11.6049	280054.3973
25-10-2014 16:13:05	210.8162	11.5296	280111.2506
25-10-2014 16:14:05	211.0427	11.4528	280168.2475
25-10-2014 16:15:05	211.2679	11.3758	280225.2507
25-10-2014 16:16:05	211.4939	11.298	280282.3292
25-10-2014 16:17:05	211.7196	11.2197	280339.4485
25-10-2014 16:18:05	211.9441	11.1412	280396.573
25-10-2014 16:19:05	212.1693	11.0619	280453.7729
25-10-2014 16:20:05	212.3942	10.9821	280511.013
25-10-2014 16:21:05	212.6183	10.903	280568.1553
25-10-2014 16:22:05	212.8427	10.8222	280625.4753
25-10-2014 16:23:05	213.0669	10.7409	280682.8349

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 16:24:05	213.2908	10.6591	280740.2341
25-10-2014 16:25:05	213.5136	10.5771	280797.6358
25-10-2014 16:26:05	213.737	10.4943	280855.1135
25-10-2014 16:27:05	213.9602	10.4111	280912.6302
25-10-2014 16:28:05	214.1825	10.3286	280970.0466
25-10-2014 16:29:05	214.4052	10.2443	281027.6408
25-10-2014 16:30:05	214.6276	10.1596	281085.2734
25-10-2014 16:31:05	214.8497	10.0743	281142.9444
25-10-2014 16:32:05	215.0707	9.989	281200.6151
25-10-2014 16:33:05	215.2923	9.9028	281258.3621
25-10-2014 16:34:05	215.5136	9.8162	281316.1469
25-10-2014 16:35:05	215.7338	9.7294	281373.9303
25-10-2014 16:36:05	215.9551	9.6427	281431.689
25-10-2014 16:37:05	216.1757	9.5547	281489.5862
25-10-2014 16:38:05	216.396	9.4661	281547.5203
25-10-2014 16:39:05	216.6152	9.3775	281605.4515
25-10-2014 16:40:05	216.835	9.288	281663.4591
25-10-2014 16:41:05	217.0545	9.1981	281721.5033
25-10-2014 16:42:05	217.273	9.1081	281779.5434
25-10-2014 16:43:05	217.492	9.0172	281837.6599
25-10-2014 16:44:05	217.7112	8.9268	281895.7121
25-10-2014 16:45:05	217.9297	8.8351	281953.9005
25-10-2014 16:46:05	218.1471	8.7432	282012.0832
25-10-2014 16:47:05	218.3651	8.6506	282070.3425
25-10-2014 16:48:05	218.5829	8.5575	282128.6371
25-10-2014 16:49:05	218.8003	8.4639	282186.9666
25-10-2014 16:50:05	219.0167	8.3703	282245.2888
25-10-2014 16:51:05	219.2337	8.2758	282303.6877
25-10-2014 16:52:05	219.4508	8.1819	282362.0212
25-10-2014 16:53:05	219.6673	8.0865	282420.4889
25-10-2014 16:54:05	219.8826	7.9912	282478.9476
25-10-2014 16:55:05	220.0986	7.895	282537.483
25-10-2014 16:56:05	220.3143	7.7983	282596.0522
25-10-2014 16:57:05	220.5289	7.7017	282654.611
25-10-2014 16:58:05	220.744	7.6042	282713.2467
25-10-2014 16:59:05	220.959	7.5062	282771.9154
25-10-2014 17:00:05	221.1741	7.4088	282830.5176
25-10-2014 17:01:05	221.3876	7.3104	282889.2074
25-10-2014 17:02:05	221.6018	7.2112	282947.974
25-10-2014 17:03:05	221.8157	7.1116	283006.7729
25-10-2014 17:04:05	222.0294	7.0116	283065.6037

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 17:05:05	222.2419	6.9116	283124.4212
25-10-2014 17:06:05	222.4551	6.8107	283183.3152
25-10-2014 17:07:05	222.6668	6.7094	283242.2408
25-10-2014 17:08:05	222.8811	6.6087	283301.0988
25-10-2014 17:09:05	223.0926	6.507	283360.0405
25-10-2014 17:10:05	223.3047	6.4045	283419.0589
25-10-2014 17:11:05	223.5166	6.3016	283478.1079
25-10-2014 17:12:05	223.7283	6.1983	283537.1872
25-10-2014 17:13:05	223.9397	6.0946	283596.2967
25-10-2014 17:14:05	224.15	5.9909	283655.3891
25-10-2014 17:15:05	224.3609	5.8864	283714.5579
25-10-2014 17:16:05	224.5715	5.7815	283773.7563
25-10-2014 17:17:05	224.7824	5.6771	283832.8858
25-10-2014 17:18:05	224.9917	5.5719	283892.0949
25-10-2014 17:19:05	225.2017	5.4658	283951.3803
25-10-2014 17:20:05	225.4113	5.3594	284010.6944
25-10-2014 17:21:05	225.6208	5.2526	284070.0367
25-10-2014 17:22:05	225.8291	5.1458	284129.3588
25-10-2014 17:23:05	226.038	5.0382	284188.757
25-10-2014 17:24:05	226.2468	4.9302	284248.1831
25-10-2014 17:25:05	226.4552	4.8219	284307.6366
25-10-2014 17:26:05	226.6639	4.714	284367.0201
25-10-2014 17:27:05	226.8711	4.6054	284426.4786
25-10-2014 17:28:05	227.0788	4.4959	284486.0131
25-10-2014 17:29:05	227.2863	4.386	284545.5741
25-10-2014 17:30:05	227.4936	4.2758	284605.1616
25-10-2014 17:31:05	227.6998	4.1657	284664.7251
25-10-2014 17:32:05	227.9066	4.0548	284724.3644
25-10-2014 17:33:05	228.1132	3.9435	284784.0293
25-10-2014 17:34:05	228.3195	3.8318	284843.7196
25-10-2014 17:35:05	228.5261	3.7207	284903.3385
25-10-2014 17:36:05	228.7311	3.6088	284963.0281
25-10-2014 17:37:05	228.9368	3.496	285022.7933
25-10-2014 17:38:05	229.1422	3.383	285082.5828
25-10-2014 17:39:05	229.3473	3.2695	285142.3967
25-10-2014 17:40:05	229.5515	3.1562	285202.1829
25-10-2014 17:41:05	229.7562	3.0421	285262.0444
25-10-2014 17:42:05	229.9607	2.9276	285321.9293
25-10-2014 17:43:05	230.165	2.8128	285381.8377
25-10-2014 17:44:05	230.3695	2.6986	285441.6731
25-10-2014 17:45:05	230.5726	2.5835	285501.5749

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
25-10-2014 17:46:05	230.7762	2.4677	285561.5515
25-10-2014 17:47:05	230.9796	2.3516	285621.5505
25-10-2014 17:48:05	231.1828	2.2351	285681.5716
25-10-2014 17:49:05	231.3857	2.1182	285741.6144
25-10-2014 17:50:05	231.5876	2.0016	285801.6257
25-10-2014 17:51:05	231.7902	1.8841	285861.7114
25-10-2014 17:52:05	231.9925	1.7663	285921.8181
25-10-2014 17:53:05	232.1946	1.6481	285981.9458
25-10-2014 17:54:05	232.397	1.5306	286041.999
25-10-2014 17:55:05	232.5978	1.4123	286102.1138
25-10-2014 17:56:05	232.7993	1.2932	286162.3024
25-10-2014 17:57:05	233.0006	1.1738	286222.5108
25-10-2014 17:58:05	233.2016	1.0541	286282.739
25-10-2014 17:59:05	233.4025	0.934	286342.9864
25-10-2014 18:00:05	233.6031	0.8137	286403.253
25-10-2014 18:01:05	233.8028	0.6935	286463.4837
25-10-2014 18:02:05	234.003	0.5726	286523.7875
25-10-2014 18:03:05	234.2036	0.4521	286584.0156
25-10-2014 18:04:05	234.4034	0.3306	286644.3559
25-10-2014 18:05:05	234.603	0.2087	286704.7143
25-10-2014 18:06:05	234.8017	0.087	286765.0346
26-10-2014 10:05:05	123.1506	0.0598	324619.278
26-10-2014 10:06:05	123.3494	0.1876	324637.8016
26-10-2014 10:07:05	123.5484	0.315	324656.3446
26-10-2014 10:08:05	123.7469	0.4417	324674.9637
26-10-2014 10:09:05	123.9463	0.5685	324693.5461
26-10-2014 10:10:05	124.1451	0.6946	324712.205
26-10-2014 10:11:05	124.3449	0.8209	324730.828
26-10-2014 10:12:05	124.5449	0.9469	324749.4717
26-10-2014 10:13:05	124.7444	1.0721	324768.1921
26-10-2014 10:14:05	124.9453	1.1967	324786.972
26-10-2014 10:15:05	125.1452	1.3213	324805.735
26-10-2014 10:16:05	125.346	1.4461	324824.4642
26-10-2014 10:17:05	125.5471	1.5707	324843.2154
26-10-2014 10:18:05	125.7476	1.6944	324862.044
26-10-2014 10:19:05	125.9491	1.8183	324880.8402
26-10-2014 10:20:05	126.1508	1.9419	324899.6591
26-10-2014 10:21:05	126.3519	2.0647	324918.5559
26-10-2014 10:22:05	126.554	2.1877	324937.4211
26-10-2014 10:23:05	126.7561	2.309	324956.4594
26-10-2014 10:24:05	126.9587	2.4313	324975.3723

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 10:25:05	127.1615	2.5534	324994.3094
26-10-2014 10:26:05	127.3637	2.6746	325013.3249
26-10-2014 10:27:05	127.5669	2.796	325032.311
26-10-2014 10:28:05	127.7696	2.9166	325051.3759
26-10-2014 10:29:05	127.9733	3.0374	325070.412
26-10-2014 10:30:05	128.1773	3.1578	325089.4739
26-10-2014 10:31:05	128.3811	3.2765	325108.71
26-10-2014 10:32:05	128.5855	3.3963	325127.8235
26-10-2014 10:33:05	128.7901	3.5158	325146.9632
26-10-2014 10:34:05	128.9942	3.6344	325166.1822
26-10-2014 10:35:05	129.1993	3.7531	325185.3752
26-10-2014 10:36:05	129.4038	3.8711	325204.6475
26-10-2014 10:37:05	129.6094	3.9892	325223.8947
26-10-2014 10:38:05	129.8152	4.1069	325243.1694
26-10-2014 10:39:05	130.0204	4.2239	325262.5238
26-10-2014 10:40:05	130.2272	4.3401	325281.9504
26-10-2014 10:41:05	130.4337	4.4568	325301.3092
26-10-2014 10:42:05	130.6397	4.5727	325320.748
26-10-2014 10:43:05	130.8467	4.6887	325340.164
26-10-2014 10:44:05	131.0531	4.8039	325359.6601
26-10-2014 10:45:05	131.2606	4.9192	325379.1345
26-10-2014 10:46:05	131.4684	5.0342	325398.6383
26-10-2014 10:47:05	131.6755	5.1483	325418.2224
26-10-2014 10:48:05	131.8838	5.2625	325437.7859
26-10-2014 10:49:05	132.0928	5.3755	325457.4767
26-10-2014 10:50:05	132.3007	5.4885	325477.1511
26-10-2014 10:51:05	132.5097	5.6017	325496.8062
26-10-2014 10:52:05	132.7181	5.714	325516.542
26-10-2014 10:53:05	132.9277	5.8264	325536.2591
26-10-2014 10:54:05	133.1374	5.9384	325556.0079
26-10-2014 10:55:05	133.3466	6.0496	325575.8375
26-10-2014 10:56:05	133.5569	6.1609	325595.6497
26-10-2014 10:57:05	133.7679	6.2709	325615.5917
26-10-2014 10:58:05	133.9779	6.3809	325635.5174
26-10-2014 10:59:05	134.1889	6.4911	325655.4271
26-10-2014 11:00:05	134.4002	6.6008	325675.3696
26-10-2014 11:01:05	134.611	6.7097	325695.3934
26-10-2014 11:02:05	134.8228	6.8187	325715.4023
26-10-2014 11:03:05	135.0341	6.9268	325735.4927
26-10-2014 11:04:05	135.2464	7.035	325755.569
26-10-2014 11:05:05	135.4591	7.1428	325775.6794

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 11:06:05	135.6716	7.2488	325795.9694
26-10-2014 11:07:05	135.8847	7.3558	325816.1487
26-10-2014 11:08:05	136.0981	7.4624	325836.3628
26-10-2014 11:09:05	136.311	7.5682	325856.6584
26-10-2014 11:10:05	136.5249	7.6739	325876.9425
26-10-2014 11:11:05	136.7392	7.7793	325897.2622
26-10-2014 11:12:05	136.9528	7.8839	325917.6635
26-10-2014 11:13:05	137.1676	7.9884	325938.0546
26-10-2014 11:14:05	137.3831	8.0916	325958.5805
26-10-2014 11:15:05	137.5975	8.195	325979.0897
26-10-2014 11:16:05	137.8131	8.2983	325999.5898
26-10-2014 11:17:05	138.0281	8.4007	326020.1717
26-10-2014 11:18:05	138.2442	8.5032	326040.7456
26-10-2014 11:19:05	138.4606	8.6052	326061.3567
26-10-2014 11:20:05	138.6764	8.7065	326082.0496
26-10-2014 11:21:05	138.8933	8.8076	326102.7358
26-10-2014 11:22:05	139.111	8.9075	326123.559
26-10-2014 11:23:05	139.3276	9.0074	326144.3649
26-10-2014 11:24:05	139.5453	9.1073	326165.1652
26-10-2014 11:25:05	139.7634	9.2068	326186.0042
26-10-2014 11:26:05	139.9808	9.3054	326206.925
26-10-2014 11:27:05	140.1994	9.404	326227.8415
26-10-2014 11:28:05	140.4183	9.5021	326248.7972
26-10-2014 11:29:05	140.6365	9.5994	326269.8348
26-10-2014 11:30:05	140.8564	9.6958	326290.969
26-10-2014 11:31:05	141.0761	9.7926	326312.0435
26-10-2014 11:32:05	141.2952	9.8885	326333.1998
26-10-2014 11:33:05	141.5154	9.9845	326354.3543
26-10-2014 11:34:05	141.7359	10.0799	326375.5492
26-10-2014 11:35:05	141.9558	10.1745	326396.8259
26-10-2014 11:36:05	142.1769	10.2691	326418.1021
26-10-2014 11:37:05	142.3983	10.3631	326439.4193
26-10-2014 11:38:05	142.6194	10.4554	326460.9186
26-10-2014 11:39:05	142.8413	10.5486	326482.3184
26-10-2014 11:40:05	143.0635	10.6413	326503.7599
26-10-2014 11:41:05	143.2851	10.7331	326525.283
26-10-2014 11:42:05	143.5078	10.8249	326546.8081
26-10-2014 11:43:05	143.7309	10.9162	326568.3755
26-10-2014 11:44:05	143.9533	11.0066	326590.0245
26-10-2014 11:45:05	144.1769	11.0969	326611.6767
26-10-2014 11:46:05	144.4011	11.1858	326633.4724

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 11:47:05	144.6243	11.2749	326655.249
26-10-2014 11:48:05	144.8487	11.3637	326677.03
26-10-2014 11:49:05	145.0734	11.4521	326698.8545
26-10-2014 11:50:05	145.2975	11.5397	326720.7604
26-10-2014 11:51:05	145.5227	11.6271	326742.6719
26-10-2014 11:52:05	145.7482	11.7141	326764.6275
26-10-2014 11:53:05	145.9731	11.8002	326786.6642
26-10-2014 11:54:05	146.1996	11.8852	326808.8092
26-10-2014 11:55:05	146.4259	11.9707	326830.8975
26-10-2014 11:56:05	146.6516	12.0553	326853.0669
26-10-2014 11:57:05	146.8785	12.1398	326875.2445
26-10-2014 11:58:05	147.1057	12.2237	326897.4672
26-10-2014 11:59:05	147.3322	12.3068	326919.7708
26-10-2014 12:00:05	147.5599	12.3898	326942.0838
26-10-2014 12:01:05	147.7879	12.4722	326964.4424
26-10-2014 12:02:05	148.0156	12.5529	326986.9835
26-10-2014 12:03:05	148.2442	12.6343	327009.4336
26-10-2014 12:04:05	148.473	12.7152	327031.9298
26-10-2014 12:05:05	148.7011	12.7953	327054.5066
26-10-2014 12:06:05	148.9305	12.8752	327077.0952
26-10-2014 12:07:05	149.1601	12.9545	327099.7305
26-10-2014 12:08:05	149.389	13.0331	327122.4462
26-10-2014 12:09:05	149.6192	13.1114	327145.1749
26-10-2014 12:10:05	149.85	13.1882	327168.0528
26-10-2014 12:11:05	150.0797	13.2652	327190.9089
26-10-2014 12:12:05	150.3107	13.3419	327213.7793
26-10-2014 12:13:05	150.5419	13.4181	327236.6972
26-10-2014 12:14:05	150.7725	13.4935	327259.6952
26-10-2014 12:15:05	151.0042	13.5686	327282.7085
26-10-2014 12:16:05	151.2362	13.6432	327305.77
26-10-2014 12:17:05	151.4685	13.7173	327328.8796
26-10-2014 12:18:05	151.7004	13.7896	327352.1714
26-10-2014 12:19:05	151.9332	13.8626	327375.3778
26-10-2014 12:20:05	152.1663	13.935	327398.633
26-10-2014 12:21:05	152.3987	14.0066	327421.9675
26-10-2014 12:22:05	152.6323	14.078	327445.3203
26-10-2014 12:23:05	152.8661	14.1488	327468.7222
26-10-2014 12:24:05	153.0992	14.2187	327492.2032
26-10-2014 12:25:05	153.3336	14.2884	327515.7036
26-10-2014 12:26:05	153.5685	14.3566	327539.3564
26-10-2014 12:27:05	153.8024	14.4249	327562.9852

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 12:28:05	154.0375	14.493	327586.6347
26-10-2014 12:29:05	154.2729	14.5604	327610.3342
26-10-2014 12:30:05	154.5085	14.6273	327634.0838
26-10-2014 12:31:05	154.7434	14.6934	327657.9118
26-10-2014 12:32:05	154.9795	14.7592	327681.762
26-10-2014 12:33:05	155.2161	14.8235	327705.7659
26-10-2014 12:34:05	155.4517	14.8878	327729.7447
26-10-2014 12:35:05	155.6885	14.9519	327753.7469
26-10-2014 12:36:05	155.9256	15.0154	327777.8001
26-10-2014 12:37:05	156.162	15.0781	327801.9309
26-10-2014 12:38:05	156.3995	15.1405	327826.0863
26-10-2014 12:39:05	156.6373	15.2022	327850.293
26-10-2014 12:40:05	156.8744	15.2632	327874.577
26-10-2014 12:41:05	157.1129	15.3228	327898.9901
26-10-2014 12:42:05	157.3514	15.3829	327923.3516
26-10-2014 12:43:05	157.5901	15.4423	327947.7651
26-10-2014 12:44:05	157.8281	15.501	327972.2552
26-10-2014 12:45:05	158.0673	15.5593	327996.7726
26-10-2014 12:46:05	158.3067	15.617	328021.3423
26-10-2014 12:47:05	158.5453	15.6738	328045.9883
26-10-2014 12:48:05	158.7854	15.7294	328070.7663
26-10-2014 12:49:05	159.0255	15.7853	328095.4934
26-10-2014 12:50:05	159.2658	15.8406	328120.2731
26-10-2014 12:51:05	159.5053	15.8951	328145.1286
26-10-2014 12:52:05	159.7461	15.9493	328170.0141
26-10-2014 12:53:05	159.987	16.0028	328194.9527
26-10-2014 12:54:05	160.2272	16.0555	328219.9665
26-10-2014 12:55:05	160.4685	16.1079	328245.0113
26-10-2014 12:56:05	160.7103	16.1586	328270.2135
26-10-2014 12:57:05	160.9512	16.2095	328295.3866
26-10-2014 12:58:05	161.1931	16.2601	328320.5919
26-10-2014 12:59:05	161.4353	16.31	328345.8509
26-10-2014 13:00:05	161.6777	16.3593	328371.1638
26-10-2014 13:01:05	161.9193	16.4078	328396.5508
26-10-2014 13:02:05	162.1621	16.4558	328421.9716
26-10-2014 13:03:05	162.4053	16.5023	328447.5506
26-10-2014 13:04:05	162.6475	16.549	328473.0992
26-10-2014 13:05:05	162.8909	16.5952	328498.6824
26-10-2014 13:06:05	163.1344	16.6408	328524.3201
26-10-2014 13:07:05	163.3782	16.6858	328550.0125
26-10-2014 13:08:05	163.6211	16.73	328575.7778

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 13:09:05	163.8653	16.7738	328601.5792
26-10-2014 13:10:05	164.1097	16.816	328627.54
26-10-2014 13:11:05	164.3532	16.8583	328653.4687
26-10-2014 13:12:05	164.5979	16.9002	328679.4348
26-10-2014 13:13:05	164.8427	16.9414	328705.4559
26-10-2014 13:14:05	165.0877	16.9821	328731.5323
26-10-2014 13:15:05	165.3319	17.0219	328757.6804
26-10-2014 13:16:05	165.5772	17.0613	328783.8672
26-10-2014 13:17:05	165.8227	17.1001	328810.1094
26-10-2014 13:18:05	166.0685	17.1372	328836.5117
26-10-2014 13:19:05	166.3134	17.1745	328862.8804
26-10-2014 13:20:05	166.5594	17.2113	328889.2892
26-10-2014 13:21:05	166.8055	17.2476	328915.7538
26-10-2014 13:22:05	167.0508	17.283	328942.2888
26-10-2014 13:23:05	167.2972	17.3179	328968.8648
26-10-2014 13:24:05	167.5438	17.3522	328995.497
26-10-2014 13:25:05	167.7907	17.3849	329022.2898
26-10-2014 13:26:05	168.0366	17.4178	329049.0475
26-10-2014 13:27:05	168.2836	17.4501	329075.8478
26-10-2014 13:28:05	168.5307	17.4819	329102.7043
26-10-2014 13:29:05	168.778	17.513	329129.6172
26-10-2014 13:30:05	169.0245	17.5433	329156.5987
26-10-2014 13:31:05	169.272	17.5731	329183.6243
26-10-2014 13:32:05	169.5198	17.6012	329210.8111
26-10-2014 13:33:05	169.7666	17.6296	329237.9612
26-10-2014 13:34:05	170.0146	17.6575	329265.1563
26-10-2014 13:35:05	170.2626	17.6847	329292.4079
26-10-2014 13:36:05	170.5108	17.7113	329319.7165
26-10-2014 13:37:05	170.7581	17.7371	329347.0922
26-10-2014 13:38:05	171.0065	17.7623	329374.5142
26-10-2014 13:39:05	171.2551	17.7859	329402.0979
26-10-2014 13:40:05	171.5037	17.8099	329429.6338
26-10-2014 13:41:05	171.7514	17.8331	329457.236
26-10-2014 13:42:05	172.0002	17.8557	329484.8858
26-10-2014 13:43:05	172.2491	17.8777	329512.5926
26-10-2014 13:44:05	172.4981	17.8991	329540.3566
26-10-2014 13:45:05	172.7462	17.9197	329568.1861
26-10-2014 13:46:05	172.9955	17.9387	329596.1694
26-10-2014 13:47:05	173.2448	17.9581	329624.105
26-10-2014 13:48:05	173.4932	17.9767	329652.1053
26-10-2014 13:49:05	173.7426	17.9947	329680.1554

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 13:50:05	173.9921	18.0121	329708.2629
26-10-2014 13:51:05	174.2417	18.0289	329736.4278
26-10-2014 13:52:05	174.4904	18.0449	329764.6566
26-10-2014 13:53:05	174.7402	18.0593	329793.0414
26-10-2014 13:54:05	174.99	18.074	329821.3787
26-10-2014 13:55:05	175.2399	18.0881	329849.7737
26-10-2014 13:56:05	175.4888	18.1015	329878.2313
26-10-2014 13:57:05	175.7388	18.1142	329906.7413
26-10-2014 13:58:05	175.9889	18.1263	329935.3089
26-10-2014 13:59:05	176.239	18.1378	329963.9343
26-10-2014 14:00:05	176.4882	18.1475	329992.7266
26-10-2014 14:01:05	176.7384	18.1576	330021.4671
26-10-2014 14:02:05	176.9886	18.167	330050.2656
26-10-2014 14:03:05	177.2389	18.1758	330079.1218
26-10-2014 14:04:05	177.4882	18.1839	330108.0386
26-10-2014 14:05:05	177.7386	18.1914	330137.0103
26-10-2014 14:06:05	177.989	18.1981	330166.0398
26-10-2014 14:07:05	178.2394	18.2033	330195.2323
26-10-2014 14:08:05	178.4889	18.2087	330224.3792
26-10-2014 14:09:05	178.7393	18.2135	330253.5822
26-10-2014 14:10:05	178.9898	18.2176	330282.8429
26-10-2014 14:11:05	179.2403	18.2211	330312.1616
26-10-2014 14:12:05	179.4899	18.2238	330341.5388
26-10-2014 14:13:05	179.7404	18.226	330370.9732
26-10-2014 14:14:05	179.9909	18.2264	330400.5707
26-10-2014 14:15:05	180.2415	18.2272	330430.1208
26-10-2014 14:16:05	180.491	18.2273	330459.7284
26-10-2014 14:17:05	180.7416	18.2268	330489.3943
26-10-2014 14:18:05	180.9921	18.2256	330519.1182
26-10-2014 14:19:05	181.2427	18.2237	330548.8999
26-10-2014 14:20:05	181.4932	18.2212	330578.7396
26-10-2014 14:21:05	181.7427	18.217	330608.7404
26-10-2014 14:22:05	181.9932	18.2131	330638.6958
26-10-2014 14:23:05	182.2437	18.2086	330668.7091
26-10-2014 14:24:05	182.4942	18.2034	330698.7803
26-10-2014 14:25:05	182.7436	18.1975	330728.9062
26-10-2014 14:26:05	182.994	18.191	330759.093
26-10-2014 14:27:05	183.2444	18.1838	330789.3377
26-10-2014 14:28:05	183.4947	18.1749	330819.7453
26-10-2014 14:29:05	183.744	18.1664	330850.1014
26-10-2014 14:30:05	183.9943	18.1572	330880.5194

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 14:31:05	184.2446	18.1474	330910.9951
26-10-2014 14:32:05	184.4948	18.1368	330941.5287
26-10-2014 14:33:05	184.7439	18.1257	330972.1148
26-10-2014 14:34:05	184.9939	18.1129	331002.8688
26-10-2014 14:35:05	185.244	18.1003	331033.5754
26-10-2014 14:36:05	185.4939	18.0872	331064.3397
26-10-2014 14:37:05	185.7439	18.0733	331095.1619
26-10-2014 14:38:05	185.9927	18.0589	331126.0348
26-10-2014 14:39:05	186.2425	18.0438	331156.9719
26-10-2014 14:40:05	186.4923	18.0279	331187.9666
26-10-2014 14:41:05	186.7418	18.0105	331219.1239
26-10-2014 14:42:05	186.9904	17.9934	331250.2258
26-10-2014 14:43:05	187.2399	17.9756	331281.3929
26-10-2014 14:44:05	187.4894	17.9571	331312.6175
26-10-2014 14:45:05	187.7387	17.938	331343.8994
26-10-2014 14:46:05	187.987	17.9184	331375.2299
26-10-2014 14:47:05	188.2361	17.8979	331406.6263
26-10-2014 14:48:05	188.4851	17.8759	331438.185
26-10-2014 14:49:05	188.7341	17.8541	331469.6961
26-10-2014 14:50:05	188.983	17.8317	331501.2644
26-10-2014 14:51:05	189.2308	17.8088	331532.8796
26-10-2014 14:52:05	189.4795	17.7851	331564.5619
26-10-2014 14:53:05	189.7281	17.7607	331596.3014
26-10-2014 14:54:05	189.9765	17.7348	331628.2027
26-10-2014 14:55:05	190.2238	17.7092	331660.0448
26-10-2014 14:56:05	190.4721	17.6829	331691.955
26-10-2014 14:57:05	190.7202	17.656	331723.922
26-10-2014 14:58:05	190.9683	17.6284	331755.946
26-10-2014 14:59:05	191.2162	17.6001	331788.0268
26-10-2014 15:00:05	191.463	17.5714	331820.1513
26-10-2014 15:01:05	191.7105	17.5408	331852.4499
26-10-2014 15:02:05	191.958	17.5106	331884.7003
26-10-2014 15:03:05	192.2054	17.4798	331917.0073
26-10-2014 15:04:05	192.4527	17.4484	331949.3707
26-10-2014 15:05:05	192.6988	17.4164	331981.7764
26-10-2014 15:06:05	192.9458	17.3836	332014.2525
26-10-2014 15:07:05	193.1925	17.3493	332046.8892
26-10-2014 15:08:05	193.4392	17.3152	332079.4777
26-10-2014 15:09:05	193.6848	17.2807	332112.1071
26-10-2014 15:10:05	193.9312	17.2454	332144.8075
26-10-2014 15:11:05	194.1775	17.2095	332177.564

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 15:12:05	194.4236	17.1729	332210.3764
26-10-2014 15:13:05	194.6696	17.1357	332243.2447
26-10-2014 15:14:05	194.9142	17.097	332276.2565
26-10-2014 15:15:05	195.1599	17.0586	332309.236
26-10-2014 15:16:05	195.4053	17.0195	332342.2711
26-10-2014 15:17:05	195.6506	16.9797	332375.3618
26-10-2014 15:18:05	195.8958	16.9394	332408.508
26-10-2014 15:19:05	196.1398	16.8986	332441.6915
26-10-2014 15:20:05	196.3844	16.856	332475.0524
26-10-2014 15:21:05	196.629	16.8137	332508.3642
26-10-2014 15:22:05	196.8735	16.7709	332541.7311
26-10-2014 15:23:05	197.1178	16.7274	332575.1531
26-10-2014 15:24:05	197.3609	16.6835	332608.6107
26-10-2014 15:25:05	197.6048	16.6388	332642.1422
26-10-2014 15:26:05	197.8485	16.5935	332675.7286
26-10-2014 15:27:05	198.0919	16.5465	332709.4737
26-10-2014 15:28:05	198.3352	16.5	332743.1693
26-10-2014 15:29:05	198.5774	16.453	332776.8987
26-10-2014 15:30:05	198.8204	16.4052	332810.703
26-10-2014 15:31:05	199.0632	16.3568	332844.5615
26-10-2014 15:32:05	199.3057	16.3078	332878.4742
26-10-2014 15:33:05	199.5479	16.2572	332912.545
26-10-2014 15:34:05	199.7891	16.2072	332946.5438
26-10-2014 15:35:05	200.0311	16.1563	332980.6182
26-10-2014 15:36:05	200.2729	16.1049	333014.7466
26-10-2014 15:37:05	200.5144	16.0529	333048.9286
26-10-2014 15:38:05	200.7558	16.0003	333083.1641
26-10-2014 15:39:05	200.996	15.9472	333117.4297
26-10-2014 15:40:05	201.2367	15.8924	333151.8755
26-10-2014 15:41:05	201.4774	15.838	333186.2708
26-10-2014 15:42:05	201.7179	15.783	333220.7194
26-10-2014 15:43:05	201.9582	15.7274	333255.2209
26-10-2014 15:44:05	202.1973	15.6714	333289.7507
26-10-2014 15:45:05	202.4372	15.6146	333324.3578
26-10-2014 15:46:05	202.6766	15.5562	333359.1207
26-10-2014 15:47:05	202.916	15.4983	333393.833
26-10-2014 15:48:05	203.1552	15.4397	333428.5976
26-10-2014 15:49:05	203.3941	15.3806	333463.4147
26-10-2014 15:50:05	203.6319	15.3211	333498.2577
26-10-2014 15:51:05	203.8704	15.2608	333533.1787
26-10-2014 15:52:05	204.1084	15.199	333568.2549

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 15:53:05	204.3464	15.1375	333603.2796
26-10-2014 15:54:05	204.5842	15.0755	333638.3561
26-10-2014 15:55:05	204.8208	15.0131	333673.4567
26-10-2014 15:56:05	205.0582	14.9499	333708.636
26-10-2014 15:57:05	205.2953	14.8862	333743.8665
26-10-2014 15:58:05	205.5321	14.8219	333779.1483
26-10-2014 15:59:05	205.7685	14.756	333814.5839
26-10-2014 16:00:05	206.0048	14.6906	333849.9677
26-10-2014 16:01:05	206.24	14.6248	333885.3731
26-10-2014 16:02:05	206.4759	14.5583	333920.8579
26-10-2014 16:03:05	206.7115	14.4911	333956.3934
26-10-2014 16:04:05	206.9469	14.4235	333991.9791
26-10-2014 16:05:05	207.1818	14.3542	334027.7177
26-10-2014 16:06:05	207.4157	14.2857	334063.3734
26-10-2014 16:07:05	207.6504	14.2164	334099.1092
26-10-2014 16:08:05	207.8848	14.1465	334134.8947
26-10-2014 16:09:05	208.1189	14.076	334170.7299
26-10-2014 16:10:05	208.3528	14.005	334206.6146
26-10-2014 16:11:05	208.5861	13.9325	334242.651
26-10-2014 16:12:05	208.8185	13.8607	334278.6024
26-10-2014 16:13:05	209.0517	13.7881	334314.6344
26-10-2014 16:14:05	209.2845	13.7149	334350.7154
26-10-2014 16:15:05	209.5171	13.6412	334386.8452
26-10-2014 16:16:05	209.7495	13.567	334423.0235
26-10-2014 16:17:05	209.9812	13.4912	334459.3523
26-10-2014 16:18:05	210.2121	13.4162	334495.5941
26-10-2014 16:19:05	210.4437	13.3404	334531.9171
26-10-2014 16:20:05	210.675	13.264	334568.288
26-10-2014 16:21:05	210.906	13.1871	334604.7067
26-10-2014 16:22:05	211.1368	13.1097	334641.1732
26-10-2014 16:23:05	211.3673	13.0318	334677.6871
26-10-2014 16:24:05	211.5963	12.9527	334714.3152
26-10-2014 16:25:05	211.8263	12.8737	334750.9234
26-10-2014 16:26:05	212.056	12.7942	334787.5786
26-10-2014 16:27:05	212.2855	12.7142	334824.2806
26-10-2014 16:28:05	212.5147	12.6336	334861.0293
26-10-2014 16:29:05	212.7436	12.5526	334897.8245
26-10-2014 16:30:05	212.9709	12.4704	334934.7313
26-10-2014 16:31:05	213.1993	12.3884	334971.6187
26-10-2014 16:32:05	213.4274	12.3058	335008.5521
26-10-2014 16:33:05	213.6553	12.2227	335045.5314

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 16:34:05	213.8828	12.1392	335082.5563
26-10-2014 16:35:05	214.1101	12.0551	335119.6266
26-10-2014 16:36:05	214.3359	11.97	335156.8058
26-10-2014 16:37:05	214.5626	11.8849	335193.9664
26-10-2014 16:38:05	214.7891	11.7993	335231.1719
26-10-2014 16:39:05	215.0153	11.7133	335268.422
26-10-2014 16:40:05	215.2413	11.6268	335305.7169
26-10-2014 16:41:05	215.467	11.5397	335343.0561
26-10-2014 16:42:05	215.6911	11.4516	335380.5013
26-10-2014 16:43:05	215.9162	11.3637	335417.9286
26-10-2014 16:44:05	216.141	11.2752	335455.3997
26-10-2014 16:45:05	216.3656	11.1862	335492.9144
26-10-2014 16:46:05	216.5899	11.0968	335530.4726
26-10-2014 16:47:05	216.814	11.0069	335568.0742
26-10-2014 16:48:05	217.0373	10.9156	335605.8191
26-10-2014 16:49:05	217.2599	10.8251	335643.4662
26-10-2014 16:50:05	217.4831	10.7338	335681.1962
26-10-2014 16:51:05	217.7061	10.642	335718.9687
26-10-2014 16:52:05	217.9287	10.5497	335756.7836
26-10-2014 16:53:05	218.1511	10.457	335794.6406
26-10-2014 16:54:05	218.3728	10.3629	335832.6395
26-10-2014 16:55:05	218.5947	10.2693	335870.5801
26-10-2014 16:56:05	218.8154	10.1755	335908.5204
26-10-2014 16:57:05	219.0367	10.081	335946.5438
26-10-2014 16:58:05	219.2577	9.986	335984.6083
26-10-2014 16:59:05	219.4784	9.8905	336022.7138
26-10-2014 17:00:05	219.6985	9.7937	336060.9595
26-10-2014 17:01:05	219.9187	9.6973	336099.1463
26-10-2014 17:02:05	220.1387	9.6005	336137.3734
26-10-2014 17:03:05	220.3574	9.5037	336175.5973
26-10-2014 17:04:05	220.5768	9.406	336213.9042
26-10-2014 17:05:05	220.796	9.3079	336252.251
26-10-2014 17:06:05	221.0144	9.2084	336290.7364
26-10-2014 17:07:05	221.233	9.1094	336329.1619
26-10-2014 17:08:05	221.4513	9.01	336367.6265
26-10-2014 17:09:05	221.6693	8.9101	336406.1301
26-10-2014 17:10:05	221.8862	8.8102	336444.6275
26-10-2014 17:11:05	222.1037	8.7095	336483.208
26-10-2014 17:12:05	222.3205	8.6075	336521.9255
26-10-2014 17:13:05	222.5375	8.5059	336560.5823
26-10-2014 17:14:05	222.7542	8.4039	336599.2769

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 17:15:05	222.9706	8.3015	336638.009
26-10-2014 17:16:05	223.1868	8.1987	336676.7787
26-10-2014 17:17:05	223.4018	8.0958	336715.5393
26-10-2014 17:18:05	223.617	7.9913	336754.4813
26-10-2014 17:19:05	223.8324	7.8872	336793.3615
26-10-2014 17:20:05	224.0475	7.7828	336832.2784
26-10-2014 17:21:05	224.2623	7.6779	336871.2315
26-10-2014 17:22:05	224.4769	7.5726	336910.2207
26-10-2014 17:23:05	224.6912	7.4669	336949.2457
26-10-2014 17:24:05	224.904	7.3604	336988.3569
26-10-2014 17:25:05	225.1177	7.2539	337027.4527
26-10-2014 17:26:05	225.3313	7.147	337066.5838
26-10-2014 17:27:05	225.5446	7.0397	337105.7499
26-10-2014 17:28:05	225.7576	6.9321	337144.9506
26-10-2014 17:29:05	225.9703	6.824	337184.1859
26-10-2014 17:30:05	226.1824	6.7147	337223.553
26-10-2014 17:31:05	226.3946	6.6058	337262.8565
26-10-2014 17:32:05	226.6057	6.4971	337302.1448
26-10-2014 17:33:05	226.8175	6.3875	337341.5155
26-10-2014 17:34:05	227.029	6.2775	337380.9197
26-10-2014 17:35:05	227.2397	6.1662	337420.454
26-10-2014 17:36:05	227.4507	6.0555	337459.924
26-10-2014 17:37:05	227.6614	5.9444	337499.4268
26-10-2014 17:38:05	227.8719	5.8329	337538.9619
26-10-2014 17:39:05	228.0821	5.7211	337578.5291
26-10-2014 17:40:05	228.2912	5.6093	337618.0779
26-10-2014 17:41:05	228.5005	5.4958	337657.8053
26-10-2014 17:42:05	228.7099	5.3829	337697.4674
26-10-2014 17:43:05	228.9192	5.2696	337737.1608
26-10-2014 17:44:05	229.1282	5.1559	337776.8851
26-10-2014 17:45:05	229.3369	5.0418	337816.6402
26-10-2014 17:46:05	229.5454	4.9275	337856.4258
26-10-2014 17:47:05	229.7532	4.8118	337896.3378
26-10-2014 17:48:05	229.9612	4.6967	337936.1835
26-10-2014 17:49:05	230.1681	4.5818	337976.007
26-10-2014 17:50:05	230.3757	4.466	338015.9119
26-10-2014 17:51:05	230.583	4.3498	338055.846
26-10-2014 17:52:05	230.7901	4.2333	338095.8092
26-10-2014 17:53:05	230.9964	4.1156	338135.8969
26-10-2014 17:54:05	231.203	3.9985	338175.9173
26-10-2014 17:55:05	231.4094	3.881	338215.9659

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
26-10-2014 17:56:05	231.6155	3.7631	338256.0426
26-10-2014 17:57:05	231.8214	3.6449	338296.147
26-10-2014 17:58:05	232.0263	3.5269	338336.2257
26-10-2014 17:59:05	232.2312	3.4072	338376.4801
26-10-2014 18:00:05	232.4364	3.288	338416.6661
26-10-2014 18:01:05	232.6414	3.1685	338456.8789
26-10-2014 18:02:05	232.8462	3.0487	338497.1183
26-10-2014 18:03:05	233.0508	2.9285	338537.3838
26-10-2014 18:04:05	233.2546	2.8072	338577.7703
26-10-2014 18:05:05	233.4587	2.6864	338618.0875
26-10-2014 18:06:05	233.6626	2.5653	338658.4302
26-10-2014 18:07:05	233.8654	2.4444	338698.7435
26-10-2014 18:08:05	234.0689	2.3226	338739.1362
26-10-2014 18:09:05	234.2721	2.2006	338779.5538
26-10-2014 18:10:05	234.4746	2.0774	338820.0901
26-10-2014 18:11:05	234.6775	1.9547	338860.5561
26-10-2014 18:12:05	234.8801	1.8317	338901.0462
26-10-2014 18:13:05	235.0825	1.7085	338941.5598
26-10-2014 18:14:05	235.2847	1.5849	338982.0969
26-10-2014 18:15:05	235.4866	1.461	339022.657
26-10-2014 18:16:05	235.6871	1.3365	339063.278
26-10-2014 18:17:05	235.8887	1.212	339103.8834
26-10-2014 18:18:05	236.09	1.0872	339144.5112
26-10-2014 18:19:05	236.2912	0.9622	339185.1612
26-10-2014 18:20:05	236.4922	0.8368	339225.8328
26-10-2014 18:21:05	236.6924	0.7104	339266.6196
26-10-2014 18:22:05	236.893	0.5844	339307.334
26-10-2014 18:23:05	237.0934	0.4582	339348.0695
26-10-2014 18:24:05	237.2936	0.3317	339388.8256
26-10-2014 18:25:05	237.4936	0.2049	339429.6024
26-10-2014 18:26:05	237.6934	0.0779	339470.3993
27-10-2014 10:02:05	120.8414	0.0431	359577.4247
27-10-2014 10:03:05	121.0399	0.174	359579.5499
27-10-2014 10:04:05	121.2395	0.3051	359581.6382
27-10-2014 10:05:05	121.4389	0.4347	359583.899
27-10-2014 10:06:05	121.6388	0.5653	359586.0312
27-10-2014 10:07:05	121.8389	0.6956	359588.1857
27-10-2014 10:08:05	122.0389	0.8243	359590.5134
27-10-2014 10:09:05	122.2394	0.9541	359592.7134
27-10-2014 10:10:05	122.4393	1.0831	359594.9939
27-10-2014 10:11:05	122.6408	1.2115	359597.3337

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 10:12:05	122.8419	1.3405	359599.604
27-10-2014 10:13:05	123.0424	1.4686	359601.9554
27-10-2014 10:14:05	123.2439	1.597	359604.274
27-10-2014 10:15:05	123.4453	1.7238	359606.7675
27-10-2014 10:16:05	123.6472	1.8516	359609.1355
27-10-2014 10:17:05	123.8494	1.9791	359611.5288
27-10-2014 10:18:05	124.0514	2.1049	359614.0976
27-10-2014 10:19:05	124.254	2.2319	359616.5419
27-10-2014 10:20:05	124.456	2.358	359619.0683
27-10-2014 10:21:05	124.6595	2.4835	359621.6589
27-10-2014 10:22:05	124.8627	2.6095	359624.182
27-10-2014 10:23:05	125.0653	2.7347	359626.7875
27-10-2014 10:24:05	125.269	2.8601	359629.3645
27-10-2014 10:25:05	125.4726	2.9839	359632.1184
27-10-2014 10:26:05	125.6767	3.1087	359634.7504
27-10-2014 10:27:05	125.881	3.2332	359637.4102
27-10-2014 10:28:05	126.0853	3.356	359640.2476
27-10-2014 10:29:05	126.2901	3.4799	359642.9641
27-10-2014 10:30:05	126.4951	3.6034	359645.7092
27-10-2014 10:31:05	126.7	3.7253	359648.6326
27-10-2014 10:32:05	126.9055	3.8482	359651.4361
27-10-2014 10:33:05	127.1104	3.9703	359654.3231
27-10-2014 10:34:05	127.3169	4.0917	359657.2808
27-10-2014 10:35:05	127.5231	4.2137	359660.1736
27-10-2014 10:36:05	127.7287	4.3348	359663.1503
27-10-2014 10:37:05	127.9353	4.4561	359666.1039
27-10-2014 10:38:05	128.1428	4.5762	359669.1838
27-10-2014 10:39:05	128.3491	4.6963	359672.2526
27-10-2014 10:40:05	128.5565	4.8166	359675.2996
27-10-2014 10:41:05	128.7638	4.9351	359678.5267
27-10-2014 10:42:05	128.9717	5.0547	359681.6373
27-10-2014 10:43:05	129.1798	5.174	359684.78
27-10-2014 10:44:05	129.3879	5.2916	359688.1033
27-10-2014 10:45:05	129.5965	5.4101	359691.3111
27-10-2014 10:46:05	129.8054	5.5283	359694.5519
27-10-2014 10:47:05	130.0142	5.6448	359697.9738
27-10-2014 10:48:05	130.2236	5.7623	359701.2812
27-10-2014 10:49:05	130.4332	5.8795	359704.6224
27-10-2014 10:50:05	130.6423	5.9958	359708.049
27-10-2014 10:51:05	130.853	6.1114	359711.5547
27-10-2014 10:52:05	131.0634	6.2275	359714.9986

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 10:53:05	131.2732	6.3427	359718.5281
27-10-2014 10:54:05	131.4846	6.4572	359722.1383
27-10-2014 10:55:05	131.695	6.5717	359725.7376
27-10-2014 10:56:05	131.9064	6.6863	359729.3219
27-10-2014 10:57:05	132.1186	6.7997	359733.0388
27-10-2014 10:58:05	132.3298	6.9131	359736.7449
27-10-2014 10:59:05	132.542	7.0266	359740.4372
27-10-2014 11:00:05	132.755	7.1388	359744.263
27-10-2014 11:01:05	132.967	7.2511	359748.0781
27-10-2014 11:02:05	133.18	7.3635	359751.8806
27-10-2014 11:03:05	133.3934	7.4754	359755.7205
27-10-2014 11:04:05	133.6066	7.5857	359759.7438
27-10-2014 11:05:05	133.8204	7.6969	359763.6589
27-10-2014 11:06:05	134.0346	7.8077	359767.6119
27-10-2014 11:07:05	134.2486	7.9168	359771.7489
27-10-2014 11:08:05	134.4633	8.0268	359775.7786
27-10-2014 11:09:05	134.6782	8.1364	359779.847
27-10-2014 11:10:05	134.8931	8.2443	359784.0997
27-10-2014 11:11:05	135.1086	8.3532	359788.2462
27-10-2014 11:12:05	135.3244	8.4616	359792.432
27-10-2014 11:13:05	135.54	8.5683	359796.8027
27-10-2014 11:14:05	135.7564	8.6759	359801.0681
27-10-2014 11:15:05	135.973	8.7831	359805.3737
27-10-2014 11:16:05	136.1895	8.8886	359809.8643
27-10-2014 11:17:05	136.4067	8.995	359814.2507
27-10-2014 11:18:05	136.6241	9.1009	359818.6782
27-10-2014 11:19:05	136.841	9.2061	359823.1925
27-10-2014 11:20:05	137.0595	9.3103	359827.8004
27-10-2014 11:21:05	137.2778	9.415	359832.3517
27-10-2014 11:22:05	137.4964	9.5193	359836.9447
27-10-2014 11:23:05	137.7148	9.6219	359841.7234
27-10-2014 11:24:05	137.934	9.7253	359846.4006
27-10-2014 11:25:05	138.1534	9.8283	359851.1201
27-10-2014 11:26:05	138.3727	9.9296	359856.0257
27-10-2014 11:27:05	138.5927	10.0317	359860.8308
27-10-2014 11:28:05	138.813	10.1334	359865.679
27-10-2014 11:29:05	139.0331	10.2334	359870.7134
27-10-2014 11:30:05	139.254	10.3342	359875.6485
27-10-2014 11:31:05	139.4752	10.4346	359880.6274
27-10-2014 11:32:05	139.6962	10.5332	359885.7926
27-10-2014 11:33:05	139.9179	10.6327	359890.8596

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 11:34:05	140.1399	10.7318	359895.9711
27-10-2014 11:35:05	140.3627	10.8294	359901.2266
27-10-2014 11:36:05	140.5844	10.9272	359906.47
27-10-2014 11:37:05	140.8073	11.0249	359911.7161
27-10-2014 11:38:05	141.0309	11.1212	359917.1069
27-10-2014 11:39:05	141.2535	11.2176	359922.4856
27-10-2014 11:40:05	141.4772	11.3139	359927.8681
27-10-2014 11:41:05	141.7013	11.4098	359933.2966
27-10-2014 11:42:05	141.9251	11.5038	359938.912
27-10-2014 11:43:05	142.1498	11.5988	359944.4329
27-10-2014 11:44:05	142.3747	11.6932	359950.0003
27-10-2014 11:45:05	142.6003	11.7863	359955.7145
27-10-2014 11:46:05	142.8249	11.8794	359961.4161
27-10-2014 11:47:05	143.0507	11.9724	359967.1244
27-10-2014 11:48:05	143.2772	12.064	359972.9802
27-10-2014 11:49:05	143.5027	12.1558	359978.8231
27-10-2014 11:50:05	143.7293	12.2473	359984.6741
27-10-2014 11:51:05	143.9567	12.3375	359990.6734
27-10-2014 11:52:05	144.1839	12.4281	359996.6208
27-10-2014 11:53:05	144.4106	12.5179	360002.6551
27-10-2014 11:54:05	144.6388	12.6066	360008.7996
27-10-2014 11:55:05	144.8669	12.6958	360014.8926
27-10-2014 11:56:05	145.0953	12.7844	360021.0345
27-10-2014 11:57:05	145.3235	12.8713	360027.3641
27-10-2014 11:58:05	145.5524	12.959	360033.6045
27-10-2014 11:59:05	145.7817	13.0461	360039.8945
27-10-2014 12:00:05	146.0107	13.1315	360046.372
27-10-2014 12:01:05	146.2406	13.2176	360052.7616
27-10-2014 12:02:05	146.4707	13.3033	360059.2013
27-10-2014 12:03:05	146.7015	13.3875	360065.7923
27-10-2014 12:04:05	146.9313	13.4718	360072.369
27-10-2014 12:05:05	147.1623	13.5559	360078.9602
27-10-2014 12:06:05	147.394	13.6385	360085.7032
27-10-2014 12:07:05	147.6255	13.7216	360092.3965
27-10-2014 12:08:05	147.8565	13.8038	360099.1761
27-10-2014 12:09:05	148.089	13.8849	360106.0729
27-10-2014 12:10:05	148.3214	13.9665	360112.9203
27-10-2014 12:11:05	148.5541	14.0474	360119.8194
27-10-2014 12:12:05	148.7865	14.1266	360126.906
27-10-2014 12:13:05	149.0198	14.2066	360133.9092
27-10-2014 12:14:05	149.2534	14.286	360140.9647

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 12:15:05	149.4875	14.3639	360148.1742
27-10-2014 12:16:05	149.7207	14.4419	360155.368
27-10-2014 12:17:05	149.9551	14.5197	360162.5814
27-10-2014 12:18:05	150.1901	14.596	360169.9494
27-10-2014 12:19:05	150.4251	14.6728	360177.269
27-10-2014 12:20:05	150.6594	14.7486	360184.6741
27-10-2014 12:21:05	150.8952	14.8233	360192.2022
27-10-2014 12:22:05	151.131	14.8984	360199.6822
27-10-2014 12:23:05	151.3671	14.9729	360207.2161
27-10-2014 12:24:05	151.6028	15.0457	360214.9372
27-10-2014 12:25:05	151.8394	15.1191	360222.5791
27-10-2014 12:26:05	152.0763	15.192	360230.2754
27-10-2014 12:27:05	152.3137	15.2634	360238.1282
27-10-2014 12:28:05	152.5511	15.3351	360245.9338
27-10-2014 12:29:05	152.7879	15.4061	360253.8241
27-10-2014 12:30:05	153.0261	15.4757	360261.8414
27-10-2014 12:31:05	153.2644	15.5458	360269.8117
27-10-2014 12:32:05	153.5028	15.6153	360277.8373
27-10-2014 12:33:05	153.7409	15.683	360286.0495
27-10-2014 12:34:05	153.9799	15.7514	360294.1861
27-10-2014 12:35:05	154.2192	15.8192	360302.3783
27-10-2014 12:36:05	154.459	15.8855	360310.7288
27-10-2014 12:37:05	154.6988	15.9521	360319.0331
27-10-2014 12:38:05	154.9379	16.018	360327.4212
27-10-2014 12:39:05	155.1785	16.0825	360335.9403
27-10-2014 12:40:05	155.4191	16.1474	360344.4134
27-10-2014 12:41:05	155.6599	16.2118	360352.9431
27-10-2014 12:42:05	155.9012	16.2745	360361.6323
27-10-2014 12:43:05	156.1416	16.3375	360370.3021
27-10-2014 12:44:05	156.3831	16.4	360379.0025
27-10-2014 12:45:05	156.6252	16.4611	360387.8628
27-10-2014 12:46:05	156.8673	16.5225	360396.6776
27-10-2014 12:47:05	157.1096	16.5833	360405.55
27-10-2014 12:48:05	157.3514	16.6423	360414.6079
27-10-2014 12:49:05	157.5942	16.7019	360423.5955
27-10-2014 12:50:05	157.8372	16.7609	360432.6409
27-10-2014 12:51:05	158.0807	16.8184	360441.8472
27-10-2014 12:52:05	158.3242	16.8762	360451.0089
27-10-2014 12:53:05	158.567	16.9332	360460.2525
27-10-2014 12:54:05	158.8112	16.9888	360469.6335
27-10-2014 12:55:05	159.0554	17.0448	360478.9701

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 12:56:05	159.2998	17.1002	360488.3654
27-10-2014 12:57:05	159.5447	17.154	360497.9227
27-10-2014 12:58:05	159.7886	17.208	360507.458
27-10-2014 12:59:05	160.0337	17.2616	360517.0297
27-10-2014 13:00:05	160.2793	17.3135	360526.7639
27-10-2014 13:01:05	160.5248	17.3659	360536.4541
27-10-2014 13:02:05	160.7708	17.4166	360546.3069
27-10-2014 13:03:05	161.0167	17.4677	360556.116
27-10-2014 13:04:05	161.262	17.518	360566.0056
27-10-2014 13:05:05	161.5086	17.5669	360576.0371
27-10-2014 13:06:05	161.7552	17.6161	360586.0252
27-10-2014 13:07:05	162.002	17.6648	360596.0732
27-10-2014 13:08:05	162.2492	17.7118	360606.2847
27-10-2014 13:09:05	162.4964	17.7591	360616.4531
27-10-2014 13:10:05	162.7429	17.8057	360626.7008
27-10-2014 13:11:05	162.9907	17.8508	360637.0931
27-10-2014 13:12:05	163.2385	17.8963	360647.4423
27-10-2014 13:13:05	163.4865	17.9411	360657.8521
27-10-2014 13:14:05	163.7349	17.9843	360668.4263
27-10-2014 13:15:05	163.9833	18.0279	360678.9577
27-10-2014 13:16:05	164.2309	18.0707	360689.5675
27-10-2014 13:17:05	164.4798	18.112	360700.3242
27-10-2014 13:18:05	164.7288	18.1536	360711.0383
27-10-2014 13:19:05	164.9779	18.1946	360721.8136
27-10-2014 13:20:05	165.2274	18.234	360732.754
27-10-2014 13:21:05	165.4769	18.2738	360743.6519
27-10-2014 13:22:05	165.7257	18.3117	360754.7311
27-10-2014 13:23:05	165.9755	18.3501	360765.7519
27-10-2014 13:24:05	166.2255	18.3879	360776.8344
27-10-2014 13:25:05	166.4758	18.4241	360788.0825
27-10-2014 13:26:05	166.7261	18.4606	360799.2886
27-10-2014 13:27:05	166.9766	18.4964	360810.5566
27-10-2014 13:28:05	167.2274	18.5306	360821.9905
27-10-2014 13:29:05	167.4782	18.5652	360833.3827
27-10-2014 13:30:05	167.7281	18.5989	360844.8506
27-10-2014 13:31:05	167.9794	18.6312	360856.4708
27-10-2014 13:32:05	168.2306	18.6638	360868.0495
27-10-2014 13:33:05	168.482	18.6957	360879.6905
27-10-2014 13:34:05	168.7336	18.726	360891.4981
27-10-2014 13:35:05	168.9853	18.7566	360903.2642
27-10-2014 13:36:05	169.2372	18.7855	360915.1969

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 13:37:05	169.4892	18.8148	360927.0884
27-10-2014 13:38:05	169.7402	18.8433	360939.0541
27-10-2014 13:39:05	169.9925	18.8703	360951.175
27-10-2014 13:40:05	170.2448	18.8976	360963.2547
27-10-2014 13:41:05	170.4973	18.9243	360975.3975
27-10-2014 13:42:05	170.7499	18.9492	360987.7074
27-10-2014 13:43:05	171.0026	18.9745	360999.9763
27-10-2014 13:44:05	171.2554	18.9992	361012.3084
27-10-2014 13:45:05	171.5084	19.0222	361024.808
27-10-2014 13:46:05	171.7604	19.0454	361037.2759
27-10-2014 13:47:05	172.0136	19.067	361049.9019
27-10-2014 13:48:05	172.2668	19.089	361062.4871
27-10-2014 13:49:05	172.5201	19.1103	361075.1358
27-10-2014 13:50:05	172.7736	19.1299	361087.9523
27-10-2014 13:51:05	173.0271	19.1499	361100.728
27-10-2014 13:52:05	173.2807	19.1692	361113.5675
27-10-2014 13:53:05	173.5345	19.1868	361126.575
27-10-2014 13:54:05	173.7882	19.2047	361139.5419
27-10-2014 13:55:05	174.0421	19.222	361152.5726
27-10-2014 13:56:05	174.296	19.2376	361165.7714
27-10-2014 13:57:05	174.549	19.2535	361178.936
27-10-2014 13:58:05	174.8032	19.2677	361192.2624
27-10-2014 13:59:05	175.0573	19.2823	361205.5486
27-10-2014 14:00:05	175.3115	19.2962	361218.8987
27-10-2014 14:01:05	175.5658	19.3084	361232.4172
27-10-2014 14:02:05	175.8201	19.3209	361245.8954
27-10-2014 14:03:05	176.0745	19.3328	361259.4379
27-10-2014 14:04:05	176.329	19.343	361273.1489
27-10-2014 14:05:05	176.5835	19.3535	361286.8197
27-10-2014 14:06:05	176.838	19.3623	361300.6591
27-10-2014 14:07:05	177.0926	19.3714	361314.4585
27-10-2014 14:08:05	177.3472	19.3799	361328.3222
27-10-2014 14:09:05	177.6019	19.3867	361342.3546
27-10-2014 14:10:05	177.8556	19.3938	361356.3493
27-10-2014 14:11:05	178.1103	19.4002	361370.4059
27-10-2014 14:12:05	178.3651	19.405	361384.6312
27-10-2014 14:13:05	178.6198	19.41	361398.8166
27-10-2014 14:14:05	178.8746	19.4134	361413.171
27-10-2014 14:15:05	179.1295	19.4171	361427.4853
27-10-2014 14:16:05	179.3843	19.4201	361441.8642
27-10-2014 14:17:05	179.6391	19.4215	361456.412

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 14:18:05	179.894	19.4232	361470.92
27-10-2014 14:19:05	180.1488	19.4241	361485.4926
27-10-2014 14:20:05	180.4037	19.4234	361500.2342
27-10-2014 14:21:05	180.6586	19.4231	361514.936
27-10-2014 14:22:05	180.9134	19.421	361529.8068
27-10-2014 14:23:05	181.1682	19.4193	361544.6378
27-10-2014 14:24:05	181.4231	19.4169	361559.5335
27-10-2014 14:25:05	181.6779	19.4128	361574.5981
27-10-2014 14:26:05	181.9327	19.409	361589.6232
27-10-2014 14:27:05	182.1875	19.4045	361604.7129
27-10-2014 14:28:05	182.4422	19.3984	361619.9715
27-10-2014 14:29:05	182.697	19.3925	361635.1905
27-10-2014 14:30:05	182.9517	19.385	361650.5786
27-10-2014 14:31:05	183.2064	19.3779	361665.9269
27-10-2014 14:32:05	183.46	19.37	361681.3361
27-10-2014 14:33:05	183.7146	19.3605	361696.9179
27-10-2014 14:34:05	183.9691	19.3513	361712.4599
27-10-2014 14:35:05	184.2236	19.3404	361728.171
27-10-2014 14:36:05	184.4781	19.3298	361743.8425
27-10-2014 14:37:05	184.7325	19.3186	361759.5786
27-10-2014 14:38:05	184.9868	19.3056	361775.4836
27-10-2014 14:39:05	185.2412	19.293	361791.349
27-10-2014 14:40:05	185.4954	19.2798	361807.2791
27-10-2014 14:41:05	185.7495	19.2648	361823.378
27-10-2014 14:42:05	186.0037	19.2502	361839.4372
27-10-2014 14:43:05	186.2577	19.2339	361855.6654
27-10-2014 14:44:05	186.5117	19.2179	361871.8538
27-10-2014 14:45:05	186.7656	19.2012	361888.1067
27-10-2014 14:46:05	187.0193	19.1829	361904.5285
27-10-2014 14:47:05	187.2731	19.1649	361920.9104
27-10-2014 14:48:05	187.5267	19.1452	361937.4612
27-10-2014 14:49:05	187.7803	19.1259	361953.9722
27-10-2014 14:50:05	188.0337	19.1058	361970.5476
27-10-2014 14:51:05	188.2871	19.0842	361987.2917
27-10-2014 14:52:05	188.5404	19.0628	362003.996
27-10-2014 14:53:05	188.7935	19.0398	362020.8687
27-10-2014 14:54:05	189.0466	19.0171	362037.7017
27-10-2014 14:55:05	189.2996	18.9937	362054.5991
27-10-2014 14:56:05	189.5523	18.9687	362071.6647
27-10-2014 14:57:05	189.8061	18.9439	362088.7015
27-10-2014 14:58:05	190.0587	18.9175	362105.896

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 14:59:05	190.3112	18.8915	362123.0505
27-10-2014 15:00:05	190.5637	18.8648	362140.2691
27-10-2014 15:01:05	190.8159	18.8364	362157.6559
27-10-2014 15:02:05	191.068	18.8084	362175.0028
27-10-2014 15:03:05	191.32	18.7788	362192.5176
27-10-2014 15:04:05	191.5719	18.7494	362209.9925
27-10-2014 15:05:05	191.8237	18.7194	362227.5312
27-10-2014 15:06:05	192.0752	18.6878	362245.2378
27-10-2014 15:07:05	192.3267	18.6565	362262.9044
27-10-2014 15:08:05	192.578	18.6235	362280.7386
27-10-2014 15:09:05	192.8292	18.5909	362298.5327
27-10-2014 15:10:05	193.0803	18.5576	362316.3906
27-10-2014 15:11:05	193.3311	18.5227	362334.4158
27-10-2014 15:12:05	193.5819	18.4881	362352.4009
27-10-2014 15:13:05	193.8323	18.4519	362370.5533
27-10-2014 15:14:05	194.0828	18.416	362388.6654
27-10-2014 15:15:05	194.3331	18.3794	362406.841
27-10-2014 15:16:05	194.5831	18.3413	362425.1837
27-10-2014 15:17:05	194.8331	18.3034	362443.4859
27-10-2014 15:18:05	195.0828	18.264	362461.9552
27-10-2014 15:19:05	195.3334	18.2247	362480.401
27-10-2014 15:20:05	195.5829	18.1849	362498.8932
27-10-2014 15:21:05	195.832	18.1436	362517.552
27-10-2014 15:22:05	196.0812	18.1025	362536.1703
27-10-2014 15:23:05	196.3299	18.0598	362554.9551
27-10-2014 15:24:05	196.5787	18.0175	362573.6993
27-10-2014 15:25:05	196.8271	17.9736	362592.6097
27-10-2014 15:26:05	197.0755	17.93	362611.4793
27-10-2014 15:27:05	197.3237	17.8858	362630.4117
27-10-2014 15:28:05	197.5715	17.8399	362649.5101
27-10-2014 15:29:05	197.8193	17.7945	362668.5676
27-10-2014 15:30:05	198.0668	17.7474	362687.7909
27-10-2014 15:31:05	198.3152	17.7004	362706.9936
27-10-2014 15:32:05	198.5624	17.653	362726.2385
27-10-2014 15:33:05	198.8092	17.6041	362745.6489
27-10-2014 15:34:05	199.0561	17.5554	362765.0182
27-10-2014 15:35:05	199.3025	17.5052	362784.5529
27-10-2014 15:36:05	199.5489	17.4554	362804.0462
27-10-2014 15:37:05	199.7948	17.4039	362823.7047
27-10-2014 15:38:05	200.0408	17.3528	362843.3217
27-10-2014 15:39:05	200.2866	17.3011	362863.0006

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 15:40:05	200.5329	17.2475	362882.867
27-10-2014 15:41:05	200.7783	17.1946	362902.6692
27-10-2014 15:42:05	201.0231	17.1401	362922.636
27-10-2014 15:43:05	201.268	17.0859	362942.5612
27-10-2014 15:44:05	201.5125	17.0301	362962.6507
27-10-2014 15:45:05	201.7569	16.9747	362982.6983
27-10-2014 15:46:05	202.0011	16.9187	363002.8071
27-10-2014 15:47:05	202.2449	16.8612	363023.0797
27-10-2014 15:48:05	202.4886	16.804	363043.3105
27-10-2014 15:49:05	202.7329	16.745	363063.7299
27-10-2014 15:50:05	202.9762	16.6866	363084.0824
27-10-2014 15:51:05	203.219	16.6266	363104.5983
27-10-2014 15:52:05	203.4618	16.567	363125.072
27-10-2014 15:53:05	203.7044	16.5068	363145.6061
27-10-2014 15:54:05	203.9464	16.4451	363166.3031
27-10-2014 15:55:05	204.1885	16.3837	363186.9578
27-10-2014 15:56:05	204.4311	16.3205	363207.802
27-10-2014 15:57:05	204.6727	16.258	363228.577
27-10-2014 15:58:05	204.9138	16.1939	363249.5144
27-10-2014 15:59:05	205.1549	16.1302	363270.4092
27-10-2014 16:00:05	205.3954	16.0649	363291.466
27-10-2014 16:01:05	205.636	16.0001	363312.4799
27-10-2014 16:02:05	205.8774	15.9343	363333.5819
27-10-2014 16:03:05	206.1172	15.8673	363354.8173
27-10-2014 16:04:05	206.357	15.8007	363376.0095
27-10-2014 16:05:05	206.5963	15.7326	363397.3632
27-10-2014 16:06:05	206.8356	15.6649	363418.6736
27-10-2014 16:07:05	207.0744	15.5956	363440.145
27-10-2014 16:08:05	207.3142	15.5264	363461.6031
27-10-2014 16:09:05	207.5524	15.456	363483.1921
27-10-2014 16:10:05	207.7907	15.386	363504.7377
27-10-2014 16:11:05	208.0287	15.3154	363526.3416
27-10-2014 16:12:05	208.2662	15.2433	363548.1058
27-10-2014 16:13:05	208.5046	15.1714	363569.8574
27-10-2014 16:14:05	208.7415	15.0982	363591.738
27-10-2014 16:15:05	208.9784	15.0254	363613.5745
27-10-2014 16:16:05	209.2148	14.951	363635.5707
27-10-2014 16:17:05	209.4512	14.8771	363657.5228
27-10-2014 16:18:05	209.688	14.8014	363679.6665
27-10-2014 16:19:05	209.9239	14.7264	363701.7337
27-10-2014 16:20:05	210.1591	14.6499	363723.9598

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 16:21:05	210.3944	14.5739	363746.1415
27-10-2014 16:22:05	210.6295	14.4972	363768.3802
27-10-2014 16:23:05	210.8649	14.4188	363790.8108
27-10-2014 16:24:05	211.0994	14.3411	363813.1635
27-10-2014 16:25:05	211.3332	14.2619	363835.6739
27-10-2014 16:26:05	211.5672	14.1832	363858.1395
27-10-2014 16:27:05	211.8014	14.1026	363880.7973
27-10-2014 16:28:05	212.0348	14.0228	363903.3758
27-10-2014 16:29:05	212.2676	13.9415	363926.1113
27-10-2014 16:30:05	212.5004	13.8606	363948.8017
27-10-2014 16:31:05	212.7326	13.7783	363971.6487
27-10-2014 16:32:05	212.9658	13.696	363994.4864
27-10-2014 16:33:05	213.1974	13.6126	364017.4447
27-10-2014 16:34:05	213.4291	13.5297	364040.3575
27-10-2014 16:35:05	213.6605	13.4462	364063.3256
27-10-2014 16:36:05	213.8922	13.361	364086.4863
27-10-2014 16:37:05	214.123	13.2765	364109.5645
27-10-2014 16:38:05	214.3532	13.1905	364132.7981
27-10-2014 16:39:05	214.5835	13.105	364155.9856
27-10-2014 16:40:05	214.8141	13.0178	364179.3659
27-10-2014 16:41:05	215.0438	12.9312	364202.6625
27-10-2014 16:42:05	215.2728	12.8433	364226.1135
27-10-2014 16:43:05	215.502	12.7558	364249.5182
27-10-2014 16:44:05	215.7313	12.6665	364273.1158
27-10-2014 16:45:05	215.9599	12.578	364296.6283
27-10-2014 16:46:05	216.1878	12.4881	364320.2944
27-10-2014 16:47:05	216.4167	12.3983	364343.9532
27-10-2014 16:48:05	216.644	12.3074	364367.726
27-10-2014 16:49:05	216.8714	12.2169	364391.4518
27-10-2014 16:50:05	217.0982	12.125	364415.3306
27-10-2014 16:51:05	217.3259	12.0333	364439.2024
27-10-2014 16:52:05	217.5521	11.9404	364463.1865
27-10-2014 16:53:05	217.7784	11.8481	364487.1233
27-10-2014 16:54:05	218.0048	11.7539	364511.2529
27-10-2014 16:55:05	218.2305	11.6606	364535.2941
27-10-2014 16:56:05	218.4556	11.5659	364559.4869
27-10-2014 16:57:05	218.6816	11.4713	364583.6736
27-10-2014 16:58:05	218.906	11.3756	364607.9698
27-10-2014 16:59:05	219.1306	11.2804	364632.218
27-10-2014 17:00:05	219.3544	11.1839	364656.6168
27-10-2014 17:01:05	219.5793	11.0874	364681.0099

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 17:02:05	219.803	10.9908	364705.4117
27-10-2014 17:03:05	220.026	10.8929	364729.9632
27-10-2014 17:04:05	220.25	10.795	364754.5094
27-10-2014 17:05:05	220.4724	10.6961	364779.1622
27-10-2014 17:06:05	220.6949	10.5978	364803.7662
27-10-2014 17:07:05	220.9177	10.4976	364828.5628
27-10-2014 17:08:05	221.1396	10.3984	364853.2669
27-10-2014 17:09:05	221.3609	10.2977	364878.1194
27-10-2014 17:10:05	221.5832	10.1972	364902.9671
27-10-2014 17:11:05	221.8039	10.0957	364927.9188
27-10-2014 17:12:05	222.0243	9.9937	364952.9194
27-10-2014 17:13:05	222.2458	9.8919	364977.9155
27-10-2014 17:14:05	222.4656	9.789	365003.0141
27-10-2014 17:15:05	222.6865	9.6863	365028.1082
27-10-2014 17:16:05	222.9058	9.5826	365053.304
27-10-2014 17:17:05	223.1252	9.4795	365078.4497
27-10-2014 17:18:05	223.3448	9.3745	365103.7877
27-10-2014 17:19:05	223.5637	9.2705	365129.0296
27-10-2014 17:20:05	223.7818	9.1651	365154.4175
27-10-2014 17:21:05	224.001	9.0599	365179.8013
27-10-2014 17:22:05	224.2186	8.9537	365205.2841
27-10-2014 17:23:05	224.4364	8.848	365230.716
27-10-2014 17:24:05	224.6543	8.7405	365256.3401
27-10-2014 17:25:05	224.8715	8.634	365281.866
27-10-2014 17:26:05	225.0889	8.5258	365307.584
27-10-2014 17:27:05	225.3055	8.4184	365333.2032
27-10-2014 17:28:05	225.5215	8.3098	365358.9664
27-10-2014 17:29:05	225.7385	8.2012	365384.7261
27-10-2014 17:30:05	225.9538	8.0918	365410.5812
27-10-2014 17:31:05	226.1703	7.9824	365436.4331
27-10-2014 17:32:05	226.3851	7.8722	365462.3794
27-10-2014 17:33:05	226.6002	7.7625	365488.2737
27-10-2014 17:34:05	226.8153	7.6511	365514.3594
27-10-2014 17:35:05	227.0298	7.5406	365540.344
27-10-2014 17:36:05	227.2444	7.4284	365566.5197
27-10-2014 17:37:05	227.4579	7.3162	365592.6906
27-10-2014 17:38:05	227.6725	7.2041	365618.8587
27-10-2014 17:39:05	227.8855	7.0912	365645.1182
27-10-2014 17:40:05	228.0986	6.9788	365671.3247
27-10-2014 17:41:05	228.3119	6.8647	365697.7221
27-10-2014 17:42:05	228.5246	6.7515	365724.0161

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 17:43:05	228.7373	6.6366	365750.5007
27-10-2014 17:44:05	228.9495	6.5227	365776.8815
27-10-2014 17:45:05	229.1617	6.4071	365803.4527
27-10-2014 17:46:05	229.3733	6.2925	365829.9193
27-10-2014 17:47:05	229.5851	6.1762	365856.5761
27-10-2014 17:48:05	229.7957	6.0599	365883.224
27-10-2014 17:49:05	230.0065	5.9442	365909.8179
27-10-2014 17:50:05	230.2175	5.8268	365936.6017
27-10-2014 17:51:05	230.4279	5.7104	365963.2795
27-10-2014 17:52:05	230.6383	5.5922	365990.147
27-10-2014 17:53:05	230.8482	5.4751	366016.9078
27-10-2014 17:54:05	231.0581	5.3563	366043.8582
27-10-2014 17:55:05	231.2675	5.2384	366070.7014
27-10-2014 17:56:05	231.4769	5.1189	366097.7338
27-10-2014 17:57:05	231.6853	4.9995	366124.7539
27-10-2014 17:58:05	231.8947	4.8802	366151.772
27-10-2014 17:59:05	232.1026	4.7601	366178.8727
27-10-2014 18:00:05	232.3116	4.6401	366205.9714
27-10-2014 18:01:05	232.519	4.5194	366233.1517
27-10-2014 18:02:05	232.7275	4.3987	366260.3301
27-10-2014 18:03:05	232.9344	4.2773	366287.5892
27-10-2014 18:04:05	233.1419	4.1551	366314.9415
27-10-2014 18:05:05	233.3489	4.0339	366342.1837
27-10-2014 18:06:05	233.5559	3.911	366369.614
27-10-2014 18:07:05	233.7624	3.7892	366396.9335
27-10-2014 18:08:05	233.969	3.6657	366424.4409
27-10-2014 18:09:05	234.175	3.5432	366451.8368
27-10-2014 18:10:05	234.3812	3.4191	366479.4205
27-10-2014 18:11:05	234.5862	3.2951	366506.9866
27-10-2014 18:12:05	234.7924	3.1712	366534.5511
27-10-2014 18:13:05	234.9979	3.0461	366562.2475
27-10-2014 18:14:05	235.2028	2.9221	366589.8312
27-10-2014 18:15:05	235.4078	2.7964	366617.6017
27-10-2014 18:16:05	235.6117	2.6709	366645.353
27-10-2014 18:17:05	235.8168	2.5454	366673.1028
27-10-2014 18:18:05	236.0203	2.4193	366700.9267
27-10-2014 18:19:05	236.225	2.2932	366728.7491
27-10-2014 18:20:05	236.4281	2.1665	366756.6447
27-10-2014 18:21:05	236.6318	2.039	366784.6324
27-10-2014 18:22:05	236.8358	1.9121	366812.562
27-10-2014 18:23:05	237.0383	1.7845	366840.5638

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
27-10-2014 18:24:05	237.2419	1.6569	366868.5639
27-10-2014 18:25:05	237.4439	1.5288	366896.6352
27-10-2014 18:26:05	237.6466	1.3998	366924.7981
27-10-2014 18:27:05	237.8496	1.2714	366952.9024
27-10-2014 18:28:05	238.051	1.1424	366981.0766
27-10-2014 18:29:05	238.2536	1.0135	367009.2491
27-10-2014 18:30:05	238.4547	0.8839	367037.4907
27-10-2014 18:31:05	238.6563	0.7536	367065.8236
27-10-2014 18:32:05	238.8583	0.6238	367094.0972
27-10-2014 18:33:05	239.0588	0.4934	367122.4384
27-10-2014 18:34:05	239.2599	0.3622	367150.8706
27-10-2014 18:35:05	239.4605	0.2321	367179.1846
27-10-2014 18:36:05	239.6612	0.1004	367207.6821
28-10-2014 10:19:05	125.4468	0.0589	388683.1493
28-10-2014 10:20:05	125.6478	0.1775	388692.6368
28-10-2014 10:21:05	125.8477	0.2962	388702.1094
28-10-2014 10:22:05	126.0483	0.4137	388711.7003
28-10-2014 10:23:05	126.2493	0.5323	388721.1667
28-10-2014 10:24:05	126.4498	0.6501	388730.7126
28-10-2014 10:25:05	126.6517	0.7672	388740.3234
28-10-2014 10:26:05	126.8525	0.8843	388749.9196
28-10-2014 10:27:05	127.054	1.0003	388759.6359
28-10-2014 10:28:05	127.256	1.1172	388769.2291
28-10-2014 10:29:05	127.4574	1.2334	388778.9026
28-10-2014 10:30:05	127.6603	1.3489	388788.6434
28-10-2014 10:31:05	127.8621	1.4645	388798.3696
28-10-2014 10:32:05	128.0646	1.5788	388808.2178
28-10-2014 10:33:05	128.2676	1.6942	388817.9445
28-10-2014 10:34:05	128.47	1.8087	388827.7519
28-10-2014 10:35:05	128.6739	1.9226	388837.6293
28-10-2014 10:36:05	128.8766	2.0365	388847.4921
28-10-2014 10:37:05	129.0801	2.1491	388857.4786
28-10-2014 10:38:05	129.2841	2.2628	388867.3453
28-10-2014 10:39:05	129.4875	2.3757	388877.2932
28-10-2014 10:40:05	129.6925	2.4879	388887.3134
28-10-2014 10:41:05	129.8963	2.6001	388897.3193
28-10-2014 10:42:05	130.1003	2.7119	388907.3545
28-10-2014 10:43:05	130.3058	2.823	388917.4635
28-10-2014 10:44:05	130.5103	2.9342	388927.5582
28-10-2014 10:45:05	130.7154	3.0441	388937.7791
28-10-2014 10:46:05	130.9211	3.155	388947.8828

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 10:47:05	131.1262	3.2651	388958.0685
28-10-2014 10:48:05	131.3328	3.3745	388968.3305
28-10-2014 10:49:05	131.5383	3.4839	388978.5782
28-10-2014 10:50:05	131.7445	3.592	388988.9538
28-10-2014 10:51:05	131.9513	3.7012	388999.2139
28-10-2014 10:52:05	132.1574	3.8095	389009.5563
28-10-2014 10:53:05	132.3643	3.9165	389020.0275
28-10-2014 10:54:05	132.5717	4.0246	389030.3843
28-10-2014 10:55:05	132.7785	4.1318	389040.8236
28-10-2014 10:56:05	132.9869	4.2382	389051.3432
28-10-2014 10:57:05	133.1941	4.3446	389061.8483
28-10-2014 10:58:05	133.4021	4.4499	389072.484
28-10-2014 10:59:05	133.6106	4.556	389083.0068
28-10-2014 11:00:05	133.8185	4.6614	389093.6124
28-10-2014 11:01:05	134.0272	4.7654	389104.3496
28-10-2014 11:02:05	134.2364	4.8704	389114.9748
28-10-2014 11:03:05	134.445	4.9746	389125.6831
28-10-2014 11:04:05	134.6543	5.0776	389136.5237
28-10-2014 11:05:05	134.8642	5.1814	389147.2535
28-10-2014 11:06:05	135.0735	5.2844	389158.0664
28-10-2014 11:07:05	135.2834	5.3862	389169.0128
28-10-2014 11:08:05	135.494	5.4889	389179.8492
28-10-2014 11:09:05	135.7045	5.5898	389190.8671
28-10-2014 11:10:05	135.9155	5.6917	389201.7759
28-10-2014 11:11:05	136.126	5.7928	389212.7682
28-10-2014 11:12:05	136.3371	5.8925	389223.8952
28-10-2014 11:13:05	136.5488	5.9932	389234.914
28-10-2014 11:14:05	136.76	6.0931	389246.0165
28-10-2014 11:15:05	136.9718	6.1916	389257.2545
28-10-2014 11:16:05	137.1842	6.2911	389268.3856
28-10-2014 11:17:05	137.396	6.3897	389279.6001
28-10-2014 11:18:05	137.6086	6.487	389290.9514
28-10-2014 11:19:05	137.8217	6.5852	389302.1965
28-10-2014 11:20:05	138.0342	6.6826	389313.5253
28-10-2014 11:21:05	138.2475	6.7787	389324.9916
28-10-2014 11:22:05	138.4613	6.8756	389336.3528
28-10-2014 11:23:05	138.6746	6.9718	389347.7977
28-10-2014 11:24:05	138.8885	7.0666	389359.3811
28-10-2014 11:25:05	139.103	7.1623	389370.8603
28-10-2014 11:26:05	139.3174	7.2562	389382.5229
28-10-2014 11:27:05	139.5316	7.3506	389394.1257

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 11:28:05	139.7469	7.445	389405.7249
28-10-2014 11:29:05	139.962	7.5377	389417.5077
28-10-2014 11:30:05	140.1769	7.6308	389429.2311
28-10-2014 11:31:05	140.392	7.7235	389440.9951
28-10-2014 11:32:05	140.6087	7.8152	389452.8571
28-10-2014 11:33:05	140.8243	7.907	389464.7031
28-10-2014 11:34:05	141.0402	7.9984	389476.5902
28-10-2014 11:35:05	141.2576	8.0888	389488.5767
28-10-2014 11:36:05	141.4739	8.1793	389500.5471
28-10-2014 11:37:05	141.6905	8.2693	389512.5592
28-10-2014 11:38:05	141.9085	8.3584	389524.6721
28-10-2014 11:39:05	142.1256	8.4475	389536.7686
28-10-2014 11:40:05	142.3429	8.5362	389548.9075
28-10-2014 11:41:05	142.5617	8.6239	389561.1487
28-10-2014 11:42:05	142.7795	8.7117	389573.3731
28-10-2014 11:43:05	142.9975	8.799	389585.6405
28-10-2014 11:44:05	143.217	8.8853	389598.0118
28-10-2014 11:45:05	143.4355	8.9716	389610.3659
28-10-2014 11:46:05	143.6542	9.0576	389622.7638
28-10-2014 11:47:05	143.8735	9.1421	389635.3061
28-10-2014 11:48:05	144.0936	9.2275	389647.7523
28-10-2014 11:49:05	144.313	9.312	389660.2821
28-10-2014 11:50:05	144.5331	9.3951	389672.9575
28-10-2014 11:51:05	144.7539	9.479	389685.5375
28-10-2014 11:52:05	144.974	9.5621	389698.201
28-10-2014 11:53:05	145.1944	9.6448	389710.9095
28-10-2014 11:54:05	145.4154	9.726	389723.7643
28-10-2014 11:55:05	145.6371	9.808	389736.5253
28-10-2014 11:56:05	145.8582	9.8892	389749.3697
28-10-2014 11:57:05	146.0799	9.969	389762.3614
28-10-2014 11:58:05	146.3024	10.0495	389775.26
28-10-2014 11:59:05	146.5242	10.1292	389788.242
28-10-2014 12:00:05	146.7466	10.2075	389801.372
28-10-2014 12:01:05	146.9688	10.2863	389814.4465
28-10-2014 12:02:05	147.1922	10.3649	389827.5313
28-10-2014 12:03:05	147.4153	10.4417	389840.8011
28-10-2014 12:04:05	147.6383	10.519	389854.0159
28-10-2014 12:05:05	147.8624	10.596	389867.2422
28-10-2014 12:06:05	148.0861	10.6714	389880.6535
28-10-2014 12:07:05	148.3098	10.7471	389894.0101
28-10-2014 12:08:05	148.5337	10.8224	389907.4142

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 12:09:05	148.7587	10.8975	389920.8314
28-10-2014 12:10:05	148.9834	10.9708	389934.4337
28-10-2014 12:11:05	149.2079	11.0445	389947.9817
28-10-2014 12:12:05	149.4337	11.118	389961.5438
28-10-2014 12:13:05	149.659	11.1898	389975.2912
28-10-2014 12:14:05	149.8843	11.262	389988.9844
28-10-2014 12:15:05	150.1097	11.3337	390002.7264
28-10-2014 12:16:05	150.3367	11.4042	390016.5869
28-10-2014 12:17:05	150.5626	11.4749	390030.427
28-10-2014 12:18:05	150.7888	11.545	390044.3162
28-10-2014 12:19:05	151.0151	11.6146	390058.2547
28-10-2014 12:20:05	151.243	11.683	390072.3136
28-10-2014 12:21:05	151.4698	11.7516	390086.3515
28-10-2014 12:22:05	151.6968	11.8196	390100.4391
28-10-2014 12:23:05	151.9244	11.8861	390114.6798
28-10-2014 12:24:05	152.1527	11.9534	390128.8365
28-10-2014 12:25:05	152.3804	12.0198	390143.0746
28-10-2014 12:26:05	152.6086	12.0848	390157.4665
28-10-2014 12:27:05	152.8368	12.1501	390171.8056
28-10-2014 12:28:05	153.066	12.2152	390186.1652
28-10-2014 12:29:05	153.2945	12.2795	390200.606
28-10-2014 12:30:05	153.5236	12.3423	390215.2013
28-10-2014 12:31:05	153.7525	12.4055	390229.7441
28-10-2014 12:32:05	153.9826	12.4685	390244.3092
28-10-2014 12:33:05	154.2123	12.5296	390259.0586
28-10-2014 12:34:05	154.4419	12.5912	390273.756
28-10-2014 12:35:05	154.6717	12.6522	390288.5049
28-10-2014 12:36:05	154.9026	12.713	390303.2776
28-10-2014 12:37:05	155.1331	12.7719	390318.2344
28-10-2014 12:38:05	155.3635	12.8313	390333.1394
28-10-2014 12:39:05	155.5941	12.8901	390348.0967
28-10-2014 12:40:05	155.8258	12.9486	390363.0791
28-10-2014 12:41:05	156.0571	13.0053	390378.2455
28-10-2014 12:42:05	156.2883	13.0625	390393.3604
28-10-2014 12:43:05	156.5197	13.1191	390408.5281
28-10-2014 12:44:05	156.7524	13.1744	390423.8266
28-10-2014 12:45:05	156.9842	13.2298	390439.1004
28-10-2014 12:46:05	157.2162	13.2847	390454.4272
28-10-2014 12:47:05	157.4483	13.3391	390469.8073
28-10-2014 12:48:05	157.6819	13.3921	390485.32
28-10-2014 12:49:05	157.9144	13.4453	390500.8072

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 12:50:05	158.1471	13.4979	390516.3479
28-10-2014 12:51:05	158.38	13.5499	390531.9423
28-10-2014 12:52:05	158.6143	13.6007	390547.6711
28-10-2014 12:53:05	158.8475	13.6516	390563.3736
28-10-2014 12:54:05	159.081	13.7019	390579.1301
28-10-2014 12:55:05	159.3148	13.7507	390595.0455
28-10-2014 12:56:05	159.5486	13.7998	390610.9106
28-10-2014 12:57:05	159.7835	13.8486	390626.8072
28-10-2014 12:58:05	160.0177	13.8966	390642.7814
28-10-2014 12:59:05	160.2522	13.9431	390658.915
28-10-2014 13:00:05	160.4867	13.9899	390674.9985
28-10-2014 13:01:05	160.7223	14.0364	390691.1152
28-10-2014 13:02:05	160.9571	14.0821	390707.3087
28-10-2014 13:03:05	161.1922	14.1262	390723.6623
28-10-2014 13:04:05	161.4274	14.1707	390739.966
28-10-2014 13:05:05	161.6627	14.2146	390756.325
28-10-2014 13:06:05	161.8991	14.2581	390772.7189
28-10-2014 13:07:05	162.1349	14.2998	390789.294
28-10-2014 13:08:05	162.3706	14.342	390805.8196
28-10-2014 13:09:05	162.6065	14.3835	390822.4009
28-10-2014 13:10:05	162.8426	14.4244	390839.0378
28-10-2014 13:11:05	163.08	14.464	390855.8167
28-10-2014 13:12:05	163.3163	14.5037	390872.5656
28-10-2014 13:13:05	163.5528	14.5429	390889.3706
28-10-2014 13:14:05	163.7894	14.5814	390906.2317
28-10-2014 13:15:05	164.0274	14.6186	390923.2363
28-10-2014 13:16:05	164.2643	14.6559	390940.21
28-10-2014 13:17:05	164.5013	14.6926	390957.2402
28-10-2014 13:18:05	164.7385	14.7288	390974.3268
28-10-2014 13:19:05	164.976	14.7633	390991.5754
28-10-2014 13:20:05	165.2144	14.7984	391008.7585
28-10-2014 13:21:05	165.452	14.8327	391026.0151
28-10-2014 13:22:05	165.6897	14.8664	391043.3286
28-10-2014 13:23:05	165.9277	14.8985	391060.8046
28-10-2014 13:24:05	166.1657	14.931	391078.2318
28-10-2014 13:25:05	166.4047	14.9631	391095.7007
28-10-2014 13:26:05	166.6429	14.9943	391113.2422
28-10-2014 13:27:05	166.8813	15.024	391130.9468
28-10-2014 13:28:05	167.1197	15.054	391148.6028
28-10-2014 13:29:05	167.3583	15.0834	391166.3161
28-10-2014 13:30:05	167.5979	15.1124	391184.0726

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 13:31:05	167.8366	15.1406	391201.901
28-10-2014 13:32:05	168.0756	15.1672	391219.8927
28-10-2014 13:33:05	168.3145	15.1941	391237.8361
28-10-2014 13:34:05	168.5535	15.2205	391255.8371
28-10-2014 13:35:05	168.7936	15.2463	391273.8831
28-10-2014 13:36:05	169.033	15.2704	391292.1058
28-10-2014 13:37:05	169.2723	15.2949	391310.2804
28-10-2014 13:38:05	169.5117	15.3188	391328.5129
28-10-2014 13:39:05	169.7512	15.342	391346.8033
28-10-2014 13:40:05	169.9909	15.3636	391365.2577
28-10-2014 13:41:05	170.2316	15.3857	391383.653
28-10-2014 13:42:05	170.4713	15.4071	391402.1178
28-10-2014 13:43:05	170.7111	15.4278	391420.6407
28-10-2014 13:44:05	170.951	15.4479	391439.2219
28-10-2014 13:45:05	171.1911	15.4664	391457.9674
28-10-2014 13:46:05	171.4321	15.4854	391476.6553
28-10-2014 13:47:05	171.6722	15.5036	391495.4116
28-10-2014 13:48:05	171.9124	15.5212	391514.2263
28-10-2014 13:49:05	172.1526	15.5382	391533.0994
28-10-2014 13:50:05	172.393	15.5535	391552.1373
28-10-2014 13:51:05	172.6334	15.5693	391571.1274
28-10-2014 13:52:05	172.8748	15.5844	391590.168
28-10-2014 13:53:05	173.1152	15.5989	391609.2756
28-10-2014 13:54:05	173.3558	15.6117	391628.5481
28-10-2014 13:55:05	173.5964	15.6249	391647.773
28-10-2014 13:56:05	173.837	15.6375	391667.0566
28-10-2014 13:57:05	174.0786	15.6495	391686.3922
28-10-2014 13:58:05	174.3193	15.6608	391705.7936
28-10-2014 13:59:05	174.5601	15.6705	391725.3603
28-10-2014 14:00:05	174.8009	15.6805	391744.8793
28-10-2014 14:01:05	175.0417	15.6899	391764.4572
28-10-2014 14:02:05	175.2825	15.6987	391784.094
28-10-2014 14:03:05	175.5243	15.7069	391803.7847
28-10-2014 14:04:05	175.7652	15.7134	391823.6461
28-10-2014 14:05:05	176.0061	15.7202	391843.4601
28-10-2014 14:06:05	176.2471	15.7265	391863.3331
28-10-2014 14:07:05	176.488	15.7321	391883.2651
28-10-2014 14:08:05	176.729	15.737	391903.2561
28-10-2014 14:09:05	176.9709	15.7404	391923.4092
28-10-2014 14:10:05	177.2119	15.7441	391943.5187
28-10-2014 14:11:05	177.4529	15.7472	391963.6872

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 14:12:05	177.6939	15.7496	391983.9147
28-10-2014 14:13:05	177.9348	15.7514	392004.2015
28-10-2014 14:14:05	178.1759	15.7515	392024.654
28-10-2014 14:15:05	178.4178	15.7521	392045.0571
28-10-2014 14:16:05	178.6588	15.7519	392065.5216
28-10-2014 14:17:05	178.8997	15.7512	392086.0452
28-10-2014 14:18:05	179.1407	15.7498	392106.6279
28-10-2014 14:19:05	179.3816	15.7468	392127.3764
28-10-2014 14:20:05	179.6226	15.7441	392148.0774
28-10-2014 14:21:05	179.8635	15.7408	392168.8377
28-10-2014 14:22:05	180.1053	15.7369	392189.6573
28-10-2014 14:23:05	180.3462	15.7323	392210.5363
28-10-2014 14:24:05	180.587	15.7261	392231.5809
28-10-2014 14:25:05	180.8278	15.7203	392252.5781
28-10-2014 14:26:05	181.0686	15.7138	392273.6346
28-10-2014 14:27:05	181.3093	15.7067	392294.7501
28-10-2014 14:28:05	181.551	15.6989	392315.9267
28-10-2014 14:29:05	181.7916	15.6896	392337.2675
28-10-2014 14:30:05	182.0322	15.6806	392358.5608
28-10-2014 14:31:05	182.2728	15.6709	392379.9132
28-10-2014 14:32:05	182.5133	15.6606	392401.3248
28-10-2014 14:33:05	182.7538	15.6497	392422.7954
28-10-2014 14:34:05	182.9942	15.6382	392444.3253
28-10-2014 14:35:05	183.2355	15.625	392466.0243
28-10-2014 14:36:05	183.4758	15.6122	392487.6726
28-10-2014 14:37:05	183.716	15.5987	392509.3798
28-10-2014 14:38:05	183.9562	15.5847	392531.146
28-10-2014 14:39:05	184.1963	15.57	392552.9713
28-10-2014 14:40:05	184.4364	15.5546	392574.8555
28-10-2014 14:41:05	184.6763	15.5377	392596.9051
28-10-2014 14:42:05	184.9171	15.521	392618.9129
28-10-2014 14:43:05	185.157	15.5038	392640.9742
28-10-2014 14:44:05	185.3967	15.4859	392663.0943
28-10-2014 14:45:05	185.6364	15.4675	392685.2734
28-10-2014 14:46:05	185.8759	15.4473	392707.6177
28-10-2014 14:47:05	186.1154	15.4276	392729.9143
28-10-2014 14:48:05	186.3548	15.4072	392752.2696
28-10-2014 14:49:05	186.5941	15.3863	392774.6838
28-10-2014 14:50:05	186.8343	15.3646	392797.1643
28-10-2014 14:51:05	187.0734	15.3423	392819.696
28-10-2014 14:52:05	187.3124	15.3185	392842.3927

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 14:53:05	187.5513	15.295	392865.0416
28-10-2014 14:54:05	187.7901	15.2709	392887.7491
28-10-2014 14:55:05	188.0289	15.2461	392910.515
28-10-2014 14:56:05	188.2675	15.2208	392933.3394
28-10-2014 14:57:05	188.507	15.1947	392956.2318
28-10-2014 14:58:05	188.7452	15.1671	392979.2795
28-10-2014 14:59:05	188.9835	15.1399	393002.2792
28-10-2014 15:00:05	189.2217	15.112	393025.3371
28-10-2014 15:01:05	189.4597	15.0836	393048.4533
28-10-2014 15:02:05	189.6977	15.0545	393071.6277
28-10-2014 15:03:05	189.9355	15.0248	393094.8601
28-10-2014 15:04:05	190.1731	14.9945	393118.1506
28-10-2014 15:05:05	190.4115	14.9625	393141.6172
28-10-2014 15:06:05	190.6489	14.9309	393165.0239
28-10-2014 15:07:05	190.8862	14.8988	393188.4885
28-10-2014 15:08:05	191.1234	14.866	393212.0109
28-10-2014 15:09:05	191.3604	14.8327	393235.5912
28-10-2014 15:10:05	191.5973	14.7987	393259.2291
28-10-2014 15:11:05	191.8338	14.7631	393283.0307
28-10-2014 15:12:05	192.0704	14.7279	393306.7839
28-10-2014 15:13:05	192.3069	14.6921	393330.5946
28-10-2014 15:14:05	192.5441	14.6555	393354.477
28-10-2014 15:15:05	192.7803	14.6185	393378.4027
28-10-2014 15:16:05	193.0163	14.5809	393402.3859
28-10-2014 15:17:05	193.2521	14.5426	393426.4263
28-10-2014 15:18:05	193.4876	14.5028	393450.6297
28-10-2014 15:19:05	193.7231	14.4634	393474.7843
28-10-2014 15:20:05	193.9585	14.4233	393498.996
28-10-2014 15:21:05	194.1937	14.3827	393523.2645
28-10-2014 15:22:05	194.4297	14.3413	393547.6065
28-10-2014 15:23:05	194.6646	14.2995	393571.9891
28-10-2014 15:24:05	194.8993	14.257	393596.4283
28-10-2014 15:25:05	195.1336	14.213	393621.03
28-10-2014 15:26:05	195.368	14.1694	393645.5825
28-10-2014 15:27:05	195.6022	14.1252	393670.1915
28-10-2014 15:28:05	195.8362	14.0804	393694.8569
28-10-2014 15:29:05	196.07	14.035	393719.5786
28-10-2014 15:30:05	196.3037	13.989	393744.3565
28-10-2014 15:31:05	196.5381	13.9422	393769.2093
28-10-2014 15:32:05	196.7712	13.8941	393794.2053
28-10-2014 15:33:05	197.0043	13.8463	393819.1516

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 15:34:05	197.2372	13.798	393844.1538
28-10-2014 15:35:05	197.47	13.7491	393869.2118
28-10-2014 15:36:05	197.7025	13.6996	393894.3254
28-10-2014 15:37:05	197.9349	13.6495	393919.4947
28-10-2014 15:38:05	198.167	13.5989	393944.7194
28-10-2014 15:39:05	198.399	13.5476	393969.9996
28-10-2014 15:40:05	198.6306	13.4948	393995.4404
28-10-2014 15:41:05	198.8631	13.4422	394020.8524
28-10-2014 15:42:05	199.0944	13.3893	394046.2984
28-10-2014 15:43:05	199.3256	13.3357	394071.7993
28-10-2014 15:44:05	199.5566	13.2816	394097.3553
28-10-2014 15:45:05	199.7873	13.227	394122.966
28-10-2014 15:46:05	200.0179	13.1717	394148.6313
28-10-2014 15:47:05	200.2482	13.1159	394174.3512
28-10-2014 15:48:05	200.4781	13.0585	394200.2308
28-10-2014 15:49:05	200.7081	13.0016	394226.0595
28-10-2014 15:50:05	200.9378	12.9441	394251.9425
28-10-2014 15:51:05	201.1682	12.8858	394277.9035
28-10-2014 15:52:05	201.3975	12.8272	394303.8949
28-10-2014 15:53:05	201.6266	12.768	394329.9403
28-10-2014 15:54:05	201.8554	12.7082	394356.0395
28-10-2014 15:55:05	202.0841	12.6479	394382.1923
28-10-2014 15:56:05	202.3122	12.5861	394408.5034
28-10-2014 15:57:05	202.5404	12.5247	394434.7632
28-10-2014 15:58:05	202.7684	12.4627	394461.0764
28-10-2014 15:59:05	202.9962	12.4002	394487.4427
28-10-2014 16:00:05	203.2237	12.3372	394513.8621
28-10-2014 16:01:05	203.451	12.2736	394540.3346
28-10-2014 16:02:05	203.679	12.2092	394566.8864
28-10-2014 16:03:05	203.9058	12.1445	394593.4647
28-10-2014 16:04:05	204.1324	12.0792	394620.0954
28-10-2014 16:05:05	204.3586	12.0125	394646.883
28-10-2014 16:06:05	204.5847	11.9462	394673.6184
28-10-2014 16:07:05	204.8106	11.8793	394700.4062
28-10-2014 16:08:05	205.0363	11.8119	394727.246
28-10-2014 16:09:05	205.2618	11.744	394754.1376
28-10-2014 16:10:05	205.487	11.6756	394781.0812
28-10-2014 16:11:05	205.712	11.6066	394808.0764
28-10-2014 16:12:05	205.9367	11.5371	394835.1231
28-10-2014 16:13:05	206.1612	11.467	394862.2211
28-10-2014 16:14:05	206.3861	11.3952	394889.504

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 16:15:05	206.6101	11.3241	394916.7047
28-10-2014 16:16:05	206.8339	11.2525	394943.9563
28-10-2014 16:17:05	207.0574	11.1804	394971.2587
28-10-2014 16:18:05	207.2807	11.1077	394998.612
28-10-2014 16:19:05	207.5038	11.0345	395026.0156
28-10-2014 16:20:05	207.7266	10.9608	395053.4697
28-10-2014 16:21:05	207.9491	10.8866	395080.9741
28-10-2014 16:22:05	208.1715	10.8119	395108.5286
28-10-2014 16:23:05	208.3935	10.7367	395136.133
28-10-2014 16:24:05	208.615	10.66	395163.8906
28-10-2014 16:25:05	208.8366	10.5837	395191.5945
28-10-2014 16:26:05	209.0579	10.507	395219.3478
28-10-2014 16:27:05	209.2799	10.4294	395247.1831
28-10-2014 16:28:05	209.5007	10.3517	395275.0354
28-10-2014 16:29:05	209.7213	10.2734	395302.9365
28-10-2014 16:30:05	209.9416	10.1946	395330.8866
28-10-2014 16:31:05	210.1617	10.1154	395358.8854
28-10-2014 16:32:05	210.3815	10.0356	395386.9329
28-10-2014 16:33:05	210.6011	9.9554	395415.0287
28-10-2014 16:34:05	210.8204	9.8746	395443.1728
28-10-2014 16:35:05	211.0391	9.7925	395471.4677
28-10-2014 16:36:05	211.258	9.7107	395499.7077
28-10-2014 16:37:05	211.4765	9.6285	395527.9955
28-10-2014 16:38:05	211.6948	9.5458	395556.331
28-10-2014 16:39:05	211.9128	9.4627	395584.7139
28-10-2014 16:40:05	212.1306	9.379	395613.144
28-10-2014 16:41:05	212.3491	9.2945	395641.6571
28-10-2014 16:42:05	212.5663	9.2099	395670.1815
28-10-2014 16:43:05	212.7834	9.1248	395698.7528
28-10-2014 16:44:05	213.0001	9.0393	395727.3705
28-10-2014 16:45:05	213.2166	8.9532	395756.0348
28-10-2014 16:46:05	213.4329	8.8667	395784.7452
28-10-2014 16:47:05	213.6485	8.7788	395813.6037
28-10-2014 16:48:05	213.8642	8.6913	395842.4061
28-10-2014 16:49:05	214.0797	8.6034	395871.2542
28-10-2014 16:50:05	214.2949	8.5151	395900.1479
28-10-2014 16:51:05	214.5099	8.4262	395929.0869
28-10-2014 16:52:05	214.7246	8.3369	395958.0712
28-10-2014 16:53:05	214.939	8.2472	395987.1005
28-10-2014 16:54:05	215.1532	8.1569	396016.1745
28-10-2014 16:55:05	215.3672	8.0663	396045.2933

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 16:56:05	215.5808	7.9751	396074.4565
28-10-2014 16:57:05	215.7951	7.8832	396103.7034
28-10-2014 16:58:05	216.0083	7.7912	396132.9552
28-10-2014 16:59:05	216.2212	7.6987	396162.251
28-10-2014 17:00:05	216.4338	7.6058	396191.5905
28-10-2014 17:01:05	216.6458	7.5115	396221.0746
28-10-2014 17:02:05	216.8579	7.4177	396250.5009
28-10-2014 17:03:05	217.0698	7.3235	396279.9703
28-10-2014 17:04:05	217.2814	7.2288	396309.4829
28-10-2014 17:05:05	217.4927	7.1337	396339.0381
28-10-2014 17:06:05	217.7038	7.0381	396368.6359
28-10-2014 17:07:05	217.9146	6.9421	396398.2762
28-10-2014 17:08:05	218.1252	6.8457	396427.9586
28-10-2014 17:09:05	218.3355	6.7489	396457.683
28-10-2014 17:10:05	218.5456	6.6516	396487.4493
28-10-2014 17:11:05	218.7554	6.5539	396517.2572
28-10-2014 17:12:05	218.965	6.4558	396547.1065
28-10-2014 17:13:05	219.1743	6.3572	396576.997
28-10-2014 17:14:05	219.3833	6.2583	396606.9287
28-10-2014 17:15:05	219.5929	6.1585	396636.944
28-10-2014 17:16:05	219.801	6.0578	396667.0571
28-10-2014 17:17:05	220.0093	5.9576	396697.1107
28-10-2014 17:18:05	220.2173	5.8569	396727.2045
28-10-2014 17:19:05	220.4251	5.7559	396757.3381
28-10-2014 17:20:05	220.6326	5.6544	396787.5118
28-10-2014 17:21:05	220.8399	5.5526	396817.7249
28-10-2014 17:22:05	221.0469	5.4503	396847.9775
28-10-2014 17:23:05	221.2536	5.3476	396878.2692
28-10-2014 17:24:05	221.4601	5.2446	396908.5998
28-10-2014 17:25:05	221.6664	5.1411	396938.9693
28-10-2014 17:26:05	221.8724	5.0372	396969.3774
28-10-2014 17:27:05	222.0782	4.933	396999.8238
28-10-2014 17:28:05	222.2837	4.8283	397030.3083
28-10-2014 17:29:05	222.4889	4.7233	397060.8307
28-10-2014 17:30:05	222.6939	4.6178	397091.3908
28-10-2014 17:31:05	222.8987	4.512	397121.9884
28-10-2014 17:32:05	223.1032	4.4058	397152.6233
28-10-2014 17:33:05	223.3075	4.2992	397183.2953
28-10-2014 17:34:05	223.5115	4.1922	397214.0041
28-10-2014 17:35:05	223.7153	4.0848	397244.7495
28-10-2014 17:36:05	223.9184	3.9762	397275.6297

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
28-10-2014 17:37:05	224.1216	3.8681	397306.4476
28-10-2014 17:38:05	224.3255	3.7591	397337.3489
28-10-2014 17:39:05	224.5283	3.6502	397368.2387
28-10-2014 17:40:05	224.7309	3.541	397399.1641
28-10-2014 17:41:05	224.9332	3.4314	397430.1247
28-10-2014 17:42:05	225.1353	3.3214	397461.1204
28-10-2014 17:43:05	225.3371	3.211	397492.151
28-10-2014 17:44:05	225.5387	3.1003	397523.2162
28-10-2014 17:45:05	225.7401	2.9892	397554.3158
28-10-2014 17:46:05	225.9412	2.8778	397585.4496
28-10-2014 17:47:05	226.1421	2.7659	397616.6173
28-10-2014 17:48:05	226.3428	2.6538	397647.8187
28-10-2014 17:49:05	226.5432	2.5412	397679.0537
28-10-2014 17:50:05	226.7434	2.4284	397710.3219
28-10-2014 17:51:05	226.9433	2.3151	397741.6232
28-10-2014 17:52:05	227.1431	2.2015	397772.9572
28-10-2014 17:53:05	227.3425	2.0876	397804.3238
28-10-2014 17:54:05	227.5418	1.9733	397835.7227
28-10-2014 17:55:05	227.7409	1.8587	397867.1537
28-10-2014 17:56:05	227.9397	1.7437	397898.6167
28-10-2014 17:57:05	228.1382	1.6284	397930.1111
28-10-2014 17:58:05	228.3366	1.5128	397961.6371
28-10-2014 17:59:05	228.5347	1.3968	397993.1942
28-10-2014 18:00:05	228.7326	1.2804	398024.7823
28-10-2014 18:01:05	228.9303	1.1638	398056.4009
28-10-2014 18:02:05	229.1278	1.0468	398088.0501
28-10-2014 18:03:05	229.325	0.9294	398119.7295
28-10-2014 18:04:05	229.5215	0.8109	398151.5347
28-10-2014 18:05:05	229.7184	0.6929	398183.2737
28-10-2014 18:06:05	229.9149	0.5746	398215.0422
28-10-2014 18:07:05	230.1113	0.456	398246.8398
28-10-2014 18:08:05	230.3075	0.337	398278.6666
28-10-2014 18:09:05	230.5042	0.2172	398310.5745
28-10-2014 18:10:05	230.6999	0.0976	398342.4586
29-10-2014 11:21:05	137.1166	0.0528	413799.861
29-10-2014 11:22:05	137.3159	0.1523	413800.4696
29-10-2014 11:23:05	137.515	0.2501	413801.2597
29-10-2014 11:24:05	137.7146	0.3488	413801.9428
29-10-2014 11:25:05	137.9148	0.4462	413802.7623
29-10-2014 11:26:05	138.1148	0.5442	413803.5211
29-10-2014 11:27:05	138.3147	0.6404	413804.462

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 11:28:05	138.5151	0.7376	413805.2971
29-10-2014 11:29:05	138.7161	0.8335	413806.2697
29-10-2014 11:30:05	138.9169	0.9298	413807.1822
29-10-2014 11:31:05	139.1183	1.0249	413808.2327
29-10-2014 11:32:05	139.3187	1.1201	413809.2676
29-10-2014 11:33:05	139.5205	1.2144	413810.3968
29-10-2014 11:34:05	139.7221	1.3091	413811.4661
29-10-2014 11:35:05	139.9243	1.4026	413812.6748
29-10-2014 11:36:05	140.1262	1.4966	413813.8239
29-10-2014 11:37:05	140.328	1.5888	413815.1562
29-10-2014 11:38:05	140.5303	1.682	413816.3857
29-10-2014 11:39:05	140.7333	1.7738	413817.7558
29-10-2014 11:40:05	140.9361	1.8661	413819.0667
29-10-2014 11:41:05	141.1394	1.9571	413820.5186
29-10-2014 11:42:05	141.3418	2.0482	413821.9541
29-10-2014 11:43:05	141.5455	2.1384	413823.4886
29-10-2014 11:44:05	141.7491	2.2291	413824.9643
29-10-2014 11:45:05	141.9532	2.3184	413826.5823
29-10-2014 11:46:05	142.1571	2.4082	413828.1417
29-10-2014 11:47:05	142.3609	2.4963	413829.8854
29-10-2014 11:48:05	142.5652	2.5853	413831.5293
29-10-2014 11:49:05	142.7701	2.6729	413833.3163
29-10-2014 11:50:05	142.9749	2.761	413835.0454
29-10-2014 11:51:05	143.1802	2.8478	413836.9182
29-10-2014 11:52:05	143.3845	2.9346	413838.7737
29-10-2014 11:53:05	143.5902	3.0205	413840.7329
29-10-2014 11:54:05	143.7958	3.1069	413842.6345
29-10-2014 11:55:05	144.0019	3.1919	413844.6809
29-10-2014 11:56:05	144.2078	3.2774	413846.6699
29-10-2014 11:57:05	144.4135	3.3612	413848.8439
29-10-2014 11:58:05	144.6198	3.4459	413850.9208
29-10-2014 11:59:05	144.8267	3.5291	413853.1439
29-10-2014 12:00:05	145.0334	3.6129	413855.3097
29-10-2014 12:01:05	145.2407	3.6952	413857.6222
29-10-2014 12:02:05	145.447	3.7777	413859.9162
29-10-2014 12:03:05	145.6547	3.8592	413862.3187
29-10-2014 12:04:05	145.8622	3.9411	413864.6643
29-10-2014 12:05:05	146.0702	4.0217	413867.1576
29-10-2014 12:06:05	146.2773	4.1024	413869.6319
29-10-2014 12:07:05	146.4858	4.182	413872.2166
29-10-2014 12:08:05	146.6941	4.2622	413874.7448

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 12:09:05	146.9029	4.3409	413877.4217
29-10-2014 12:10:05	147.1116	4.4201	413880.0423
29-10-2014 12:11:05	147.32	4.4976	413882.8486
29-10-2014 12:12:05	147.5291	4.5759	413885.5621
29-10-2014 12:13:05	147.7387	4.6528	413888.4253
29-10-2014 12:14:05	147.9482	4.7301	413891.2326
29-10-2014 12:15:05	148.1582	4.8061	413894.19
29-10-2014 12:16:05	148.3672	4.8822	413897.1272
29-10-2014 12:17:05	148.5776	4.9572	413900.1792
29-10-2014 12:18:05	148.7878	5.0326	413903.1758
29-10-2014 12:19:05	148.9986	5.1067	413906.3234
29-10-2014 12:20:05	149.2092	5.1812	413909.4157
29-10-2014 12:21:05	149.4195	5.254	413912.6939
29-10-2014 12:22:05	149.6306	5.3276	413915.8823
29-10-2014 12:23:05	149.8421	5.3997	413919.2226
29-10-2014 12:24:05	150.0535	5.4724	413922.508
29-10-2014 12:25:05	150.2654	5.5435	413925.9459
29-10-2014 12:26:05	150.4763	5.6149	413929.3622
29-10-2014 12:27:05	150.6883	5.686	413932.7938
29-10-2014 12:28:05	150.9007	5.7558	413936.3787
29-10-2014 12:29:05	151.1131	5.8259	413939.909
29-10-2014 12:30:05	151.325	5.8944	413943.6252
29-10-2014 12:31:05	151.5377	5.9636	413947.2542
29-10-2014 12:32:05	151.751	6.0314	413951.0373
29-10-2014 12:33:05	151.964	6.0996	413954.7662
29-10-2014 12:34:05	152.1776	6.1663	413958.6495
29-10-2014 12:35:05	152.3902	6.2333	413962.5097
29-10-2014 12:36:05	152.6041	6.299	413966.4935
29-10-2014 12:37:05	152.8179	6.3653	413970.4232
29-10-2014 12:38:05	153.0322	6.43	413974.5082
29-10-2014 12:39:05	153.2464	6.4953	413978.5392
29-10-2014 12:40:05	153.4602	6.5587	413982.7562
29-10-2014 12:41:05	153.6747	6.6229	413986.889
29-10-2014 12:42:05	153.8897	6.6857	413991.1779
29-10-2014 12:43:05	154.1045	6.7489	413995.4132
29-10-2014 12:44:05	154.319	6.8104	413999.8344
29-10-2014 12:45:05	154.5343	6.8725	414004.1725
29-10-2014 12:46:05	154.7499	6.9332	414008.6675
29-10-2014 12:47:05	154.9655	6.9944	414013.1093
29-10-2014 12:48:05	155.1815	7.0541	414017.7083
29-10-2014 12:49:05	155.3966	7.1139	414022.2821

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 12:50:05	155.613	7.1726	414026.9854
29-10-2014 12:51:05	155.8292	7.2316	414031.6356
29-10-2014 12:52:05	156.0456	7.2902	414036.3383
29-10-2014 12:53:05	156.2625	7.3473	414041.1991
29-10-2014 12:54:05	156.4784	7.4046	414046.034
29-10-2014 12:55:05	156.6956	7.4606	414051.0003
29-10-2014 12:56:05	156.9127	7.5171	414055.914
29-10-2014 12:57:05	157.1302	7.572	414060.9865
29-10-2014 12:58:05	157.3467	7.6272	414066.0324
29-10-2014 12:59:05	157.5646	7.6811	414071.2114
29-10-2014 13:00:05	157.7823	7.7355	414076.338
29-10-2014 13:01:05	158.0004	7.7884	414081.6241
29-10-2014 13:02:05	158.2185	7.8416	414086.8579
29-10-2014 13:03:05	158.4361	7.8932	414092.2764
29-10-2014 13:04:05	158.6544	7.9454	414097.6176
29-10-2014 13:05:05	158.8732	7.9962	414103.1192
29-10-2014 13:06:05	159.0919	8.0473	414108.5685
29-10-2014 13:07:05	159.3109	8.0969	414114.1786
29-10-2014 13:08:05	159.529	8.1468	414119.7601
29-10-2014 13:09:05	159.7481	8.1963	414125.3723
29-10-2014 13:10:05	159.9676	8.2444	414131.1456
29-10-2014 13:11:05	160.187	8.2928	414136.8669
29-10-2014 13:12:05	160.4059	8.3395	414142.7723
29-10-2014 13:13:05	160.6256	8.3869	414148.6031
29-10-2014 13:14:05	160.8457	8.4327	414154.5956
29-10-2014 13:15:05	161.0657	8.479	414160.5365
29-10-2014 13:16:05	161.286	8.5237	414166.6393
29-10-2014 13:17:05	161.5054	8.5687	414172.712
29-10-2014 13:18:05	161.726	8.6123	414178.9253
29-10-2014 13:19:05	161.9465	8.6564	414185.0871
29-10-2014 13:20:05	162.1674	8.6989	414191.4115
29-10-2014 13:21:05	162.3873	8.7417	414197.7049
29-10-2014 13:22:05	162.6084	8.7831	414204.1405
29-10-2014 13:23:05	162.8294	8.825	414210.5249
29-10-2014 13:24:05	163.0506	8.8663	414216.9651
29-10-2014 13:25:05	163.2721	8.906	414223.5686
29-10-2014 13:26:05	163.4927	8.946	414230.14
29-10-2014 13:27:05	163.7144	8.9847	414236.8556
29-10-2014 13:28:05	163.9361	9.0237	414243.5201
29-10-2014 13:29:05	164.1581	9.0612	414250.3483
29-10-2014 13:30:05	164.38	9.0992	414257.1256

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 13:31:05	164.6013	9.1354	414264.0847
29-10-2014 13:32:05	164.8234	9.1722	414270.9748
29-10-2014 13:33:05	165.0459	9.2075	414278.0291
29-10-2014 13:34:05	165.2682	9.2431	414285.0326
29-10-2014 13:35:05	165.49	9.2771	414292.2174
29-10-2014 13:36:05	165.7126	9.3116	414299.3343
29-10-2014 13:37:05	165.9353	9.3456	414306.5082
29-10-2014 13:38:05	166.1582	9.378	414313.8469
29-10-2014 13:39:05	166.3811	9.4109	414321.1349
29-10-2014 13:40:05	166.6034	9.442	414328.6035
29-10-2014 13:41:05	166.8265	9.4737	414336.0057
29-10-2014 13:42:05	167.0498	9.5038	414343.5731
29-10-2014 13:43:05	167.2731	9.5344	414351.09
29-10-2014 13:44:05	167.4958	9.5632	414358.7867
29-10-2014 13:45:05	167.7192	9.5926	414366.4183
29-10-2014 13:46:05	167.943	9.6204	414374.2154
29-10-2014 13:47:05	168.1666	9.6487	414381.9622
29-10-2014 13:48:05	168.3904	9.6764	414389.7667
29-10-2014 13:49:05	168.6134	9.7023	414397.7502
29-10-2014 13:50:05	168.8374	9.7289	414405.6699
29-10-2014 13:51:05	169.0615	9.7538	414413.7557
29-10-2014 13:52:05	169.2856	9.7792	414421.7913
29-10-2014 13:53:05	169.509	9.8028	414430.0051
29-10-2014 13:54:05	169.7332	9.827	414438.1564
29-10-2014 13:55:05	169.9576	9.8496	414446.4741
29-10-2014 13:56:05	170.182	9.8727	414454.7415
29-10-2014 13:57:05	170.4066	9.8941	414463.1755
29-10-2014 13:58:05	170.6302	9.9159	414471.5702
29-10-2014 13:59:05	170.8548	9.9372	414480.0122
29-10-2014 14:00:05	171.0795	9.9569	414488.6207
29-10-2014 14:01:05	171.3042	9.977	414497.1793
29-10-2014 14:02:05	171.5282	9.9955	414505.9146
29-10-2014 14:03:05	171.753	10.0144	414514.5897
29-10-2014 14:04:05	171.978	10.0318	414523.4319
29-10-2014 14:05:05	172.203	10.0495	414532.224
29-10-2014 14:06:05	172.4272	10.0656	414541.1921
29-10-2014 14:07:05	172.6522	10.0822	414550.1012
29-10-2014 14:08:05	172.8774	10.0973	414559.1774
29-10-2014 14:09:05	173.1025	10.1127	414568.2039
29-10-2014 14:10:05	173.3277	10.1275	414577.2889
29-10-2014 14:11:05	173.5521	10.1407	414586.5489

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 14:12:05	173.7774	10.1544	414595.7512
29-10-2014 14:13:05	174.0028	10.1664	414605.121
29-10-2014 14:14:05	174.2281	10.1789	414614.4409
29-10-2014 14:15:05	174.4527	10.1897	414623.9349
29-10-2014 14:16:05	174.6781	10.201	414633.3723
29-10-2014 14:17:05	174.9036	10.2107	414642.9774
29-10-2014 14:18:05	175.1291	10.2209	414652.5326
29-10-2014 14:19:05	175.3546	10.2304	414662.1468
29-10-2014 14:20:05	175.5793	10.2383	414671.9339
29-10-2014 14:21:05	175.8048	10.2466	414681.6658
29-10-2014 14:22:05	176.0305	10.2534	414691.5655
29-10-2014 14:23:05	176.2561	10.2605	414701.4155
29-10-2014 14:24:05	176.4808	10.2661	414711.4373
29-10-2014 14:25:05	176.7064	10.272	414721.4051
29-10-2014 14:26:05	176.9321	10.2764	414731.5408
29-10-2014 14:27:05	177.1578	10.2812	414741.6267
29-10-2014 14:28:05	177.3825	10.2854	414751.7747
29-10-2014 14:29:05	177.6082	10.288	414762.0875
29-10-2014 14:30:05	177.8339	10.291	414772.3504
29-10-2014 14:31:05	178.0596	10.2924	414782.7814
29-10-2014 14:32:05	178.2852	10.2942	414793.1627
29-10-2014 14:33:05	178.51	10.2944	414803.7136
29-10-2014 14:34:05	178.7357	10.2951	414814.2128
29-10-2014 14:35:05	178.9613	10.2951	414824.7711
29-10-2014 14:36:05	179.187	10.2936	414835.4976
29-10-2014 14:37:05	179.4117	10.2924	414846.1749
29-10-2014 14:38:05	179.6374	10.2897	414857.0193
29-10-2014 14:39:05	179.863	10.2873	414867.8139
29-10-2014 14:40:05	180.0886	10.2834	414878.7766
29-10-2014 14:41:05	180.3142	10.2799	414889.6895
29-10-2014 14:42:05	180.5388	10.2748	414900.7698
29-10-2014 14:43:05	180.7644	10.2701	414911.8007
29-10-2014 14:44:05	180.9899	10.2648	414922.8906
29-10-2014 14:45:05	181.2153	10.2579	414934.1486
29-10-2014 14:46:05	181.4399	10.2514	414945.355
29-10-2014 14:47:05	181.6653	10.2434	414956.7309
29-10-2014 14:48:05	181.8907	10.2357	414968.0569
29-10-2014 14:49:05	182.116	10.2264	414979.5509
29-10-2014 14:50:05	182.3404	10.2176	414990.9921
29-10-2014 14:51:05	182.5657	10.2082	415002.495
29-10-2014 14:52:05	182.7909	10.1971	415014.1656

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 14:53:05	183.0161	10.1865	415025.7864
29-10-2014 14:54:05	183.2413	10.1743	415037.575
29-10-2014 14:55:05	183.4655	10.1625	415049.3096
29-10-2014 14:56:05	183.6905	10.1491	415061.2158
29-10-2014 14:57:05	183.9155	10.1362	415073.0719
29-10-2014 14:58:05	184.1404	10.1226	415084.9869
29-10-2014 14:59:05	184.3644	10.1075	415097.0646
29-10-2014 15:00:05	184.5892	10.0927	415109.0969
29-10-2014 15:01:05	184.8139	10.0764	415121.2968
29-10-2014 15:02:05	185.0387	10.0605	415133.4467
29-10-2014 15:03:05	185.2624	10.043	415145.7579
29-10-2014 15:04:05	185.4869	10.0259	415158.025
29-10-2014 15:05:05	185.7114	10.0072	415170.4593
29-10-2014 15:06:05	185.9359	9.9889	415182.8435
29-10-2014 15:07:05	186.1593	9.9701	415195.2791
29-10-2014 15:08:05	186.3836	9.9497	415207.8889
29-10-2014 15:09:05	186.6078	9.9296	415220.4484
29-10-2014 15:10:05	186.8319	9.908	415233.1751
29-10-2014 15:11:05	187.056	9.8868	415245.8515
29-10-2014 15:12:05	187.2791	9.8651	415258.5777
29-10-2014 15:13:05	187.5029	9.8417	415271.4792
29-10-2014 15:14:05	187.7267	9.8188	415284.3302
29-10-2014 15:15:05	187.9504	9.7943	415297.3481
29-10-2014 15:16:05	188.1732	9.7702	415310.306
29-10-2014 15:17:05	188.3966	9.7445	415323.4399
29-10-2014 15:18:05	188.6201	9.7193	415336.5233
29-10-2014 15:19:05	188.8435	9.6934	415349.6647
29-10-2014 15:20:05	189.0658	9.6661	415362.962
29-10-2014 15:21:05	189.289	9.6391	415376.2192
29-10-2014 15:22:05	189.5119	9.6105	415389.6425
29-10-2014 15:23:05	189.7349	9.5823	415403.0152
29-10-2014 15:24:05	189.9568	9.5527	415416.5425
29-10-2014 15:25:05	190.1796	9.5233	415430.0304
29-10-2014 15:26:05	190.4022	9.4935	415443.5759
29-10-2014 15:27:05	190.6247	9.462	415457.2873
29-10-2014 15:28:05	190.8471	9.4309	415470.9479
29-10-2014 15:29:05	191.0684	9.3985	415484.7613
29-10-2014 15:30:05	191.2907	9.3663	415498.5365
29-10-2014 15:31:05	191.5127	9.3325	415512.4772
29-10-2014 15:32:05	191.7347	9.2992	415526.3668
29-10-2014 15:33:05	191.9556	9.2654	415540.2998

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 15:34:05	192.1772	9.23	415554.4117
29-10-2014 15:35:05	192.3989	9.1949	415568.4725
29-10-2014 15:36:05	192.6202	9.1583	415582.6983
29-10-2014 15:37:05	192.8407	9.1223	415596.8579
29-10-2014 15:38:05	193.062	9.0856	415611.0891
29-10-2014 15:39:05	193.283	9.0473	415625.485
29-10-2014 15:40:05	193.504	9.0094	415639.8295
29-10-2014 15:41:05	193.7238	8.9701	415654.3227
29-10-2014 15:42:05	193.9445	8.9312	415668.7801
29-10-2014 15:43:05	194.1649	8.8906	415683.4017
29-10-2014 15:44:05	194.3854	8.8505	415697.972
29-10-2014 15:45:05	194.6048	8.81	415712.5815
29-10-2014 15:46:05	194.8248	8.7678	415727.3715
29-10-2014 15:47:05	195.0448	8.726	415742.11
29-10-2014 15:48:05	195.2646	8.6827	415757.012
29-10-2014 15:49:05	195.4834	8.6399	415771.8445
29-10-2014 15:50:05	195.703	8.5965	415786.7504
29-10-2014 15:51:05	195.9223	8.5515	415801.8197
29-10-2014 15:52:05	196.1416	8.507	415816.8369
29-10-2014 15:53:05	196.3606	8.4609	415832.0173
29-10-2014 15:54:05	196.5787	8.4154	415847.1264
29-10-2014 15:55:05	196.7973	8.3682	415862.4173
29-10-2014 15:56:05	197.016	8.3215	415877.656
29-10-2014 15:57:05	197.2346	8.2742	415892.95
29-10-2014 15:58:05	197.4518	8.2255	415908.386
29-10-2014 15:59:05	197.6701	8.1771	415923.7897
29-10-2014 16:00:05	197.8879	8.1272	415939.3555
29-10-2014 16:01:05	198.1058	8.0777	415954.8689
29-10-2014 16:02:05	198.3227	8.0279	415970.4157
29-10-2014 16:03:05	198.54	7.9764	415986.1452
29-10-2014 16:04:05	198.7574	7.9253	416001.8221
29-10-2014 16:05:05	198.9744	7.8727	416017.6602
29-10-2014 16:06:05	199.1906	7.8207	416033.4235
29-10-2014 16:07:05	199.4075	7.768	416049.2629
29-10-2014 16:08:05	199.624	7.7138	416065.2631
29-10-2014 16:09:05	199.8406	7.66	416081.2105
29-10-2014 16:10:05	200.0559	7.6049	416097.2952
29-10-2014 16:11:05	200.2721	7.5501	416113.3498
29-10-2014 16:12:05	200.4881	7.4947	416129.458
29-10-2014 16:13:05	200.7037	7.4378	416145.7262
29-10-2014 16:14:05	200.9185	7.3816	416161.9173

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 16:15:05	201.1338	7.3237	416178.2917
29-10-2014 16:16:05	201.3491	7.2662	416194.6129
29-10-2014 16:17:05	201.5642	7.2082	416210.987
29-10-2014 16:18:05	201.7781	7.149	416227.4953
29-10-2014 16:19:05	201.9928	7.0899	416243.975
29-10-2014 16:20:05	202.2072	7.0294	416260.6133
29-10-2014 16:21:05	202.4216	6.9693	416277.198
29-10-2014 16:22:05	202.6347	6.908	416293.9152
29-10-2014 16:23:05	202.8487	6.8469	416310.6045
29-10-2014 16:24:05	203.0625	6.7852	416327.3457
29-10-2014 16:25:05	203.2759	6.7221	416344.2449
29-10-2014 16:26:05	203.4885	6.6597	416361.0632
29-10-2014 16:27:05	203.7015	6.5956	416378.0656
29-10-2014 16:28:05	203.9146	6.5319	416395.014
29-10-2014 16:29:05	204.1275	6.4677	416412.0138
29-10-2014 16:30:05	204.3399	6.4021	416429.1706
29-10-2014 16:31:05	204.5515	6.3372	416446.2449
29-10-2014 16:32:05	204.7636	6.2705	416463.5036
29-10-2014 16:33:05	204.9757	6.2043	416480.7078
29-10-2014 16:34:05	205.1876	6.1376	416497.9628
29-10-2014 16:35:05	205.3981	6.0697	416515.3448
29-10-2014 16:36:05	205.6097	6.002	416532.7008
29-10-2014 16:37:05	205.8207	5.9328	416550.2123
29-10-2014 16:38:05	206.0318	5.8641	416567.6689
29-10-2014 16:39:05	206.2418	5.7952	416585.1458
29-10-2014 16:40:05	206.4523	5.7246	416602.8072
29-10-2014 16:41:05	206.6628	5.6544	416620.4135
29-10-2014 16:42:05	206.8728	5.5828	416638.1742
29-10-2014 16:43:05	207.082	5.5119	416655.8489
29-10-2014 16:44:05	207.2919	5.4403	416673.6036
29-10-2014 16:45:05	207.5013	5.3672	416691.5121
29-10-2014 16:46:05	207.7108	5.2946	416709.3651
29-10-2014 16:47:05	207.9192	5.2218	416727.2353
29-10-2014 16:48:05	208.128	5.1473	416745.2901
29-10-2014 16:49:05	208.3369	5.0733	416763.2892
29-10-2014 16:50:05	208.5452	4.9978	416781.4409
29-10-2014 16:51:05	208.7528	4.9231	416799.5042
29-10-2014 16:52:05	208.961	4.8476	416817.648
29-10-2014 16:53:05	209.1688	4.7707	416835.9438
29-10-2014 16:54:05	209.3766	4.6943	416854.1834
29-10-2014 16:55:05	209.583	4.6167	416872.5411

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 16:56:05	209.7904	4.5394	416890.8758
29-10-2014 16:57:05	209.9976	4.4615	416909.2578
29-10-2014 16:58:05	210.2043	4.3823	416927.7905
29-10-2014 16:59:05	210.4102	4.3038	416946.2324
29-10-2014 17:00:05	210.6164	4.2236	416964.8589
29-10-2014 17:01:05	210.8228	4.144	416983.4284
29-10-2014 17:02:05	211.0289	4.0638	417002.0444
29-10-2014 17:03:05	211.2336	3.9826	417020.7751
29-10-2014 17:04:05	211.4394	3.9015	417039.4835
29-10-2014 17:05:05	211.6445	3.819	417058.3411
29-10-2014 17:06:05	211.8498	3.7371	417077.1414
29-10-2014 17:07:05	212.054	3.6549	417095.9516
29-10-2014 17:08:05	212.2585	3.5711	417114.9458
29-10-2014 17:09:05	212.4632	3.4878	417133.8825
29-10-2014 17:10:05	212.6676	3.404	417152.8644
29-10-2014 17:11:05	212.8706	3.3192	417171.9571
29-10-2014 17:12:05	213.0746	3.2345	417191.0287
29-10-2014 17:13:05	213.278	3.1485	417210.2473
29-10-2014 17:14:05	213.4816	3.0629	417229.4079
29-10-2014 17:15:05	213.6841	2.9772	417248.5752
29-10-2014 17:16:05	213.8869	2.8899	417267.9263
29-10-2014 17:17:05	214.0898	2.803	417287.2191
29-10-2014 17:18:05	214.2913	2.7151	417306.6194
29-10-2014 17:19:05	214.4938	2.6274	417325.9993
29-10-2014 17:20:05	214.6961	2.5392	417345.4225
29-10-2014 17:21:05	214.8977	2.4497	417364.9908
29-10-2014 17:22:05	215.0987	2.361	417384.4613
29-10-2014 17:23:05	215.3004	2.2715	417404.0134
29-10-2014 17:24:05	215.5014	2.1807	417423.7097
29-10-2014 17:25:05	215.7026	2.0904	417443.3469
29-10-2014 17:26:05	215.9023	1.9991	417463.088
29-10-2014 17:27:05	216.1031	1.9079	417482.8094
29-10-2014 17:28:05	216.3037	1.8163	417502.5727
29-10-2014 17:29:05	216.5036	1.7234	417522.4787
29-10-2014 17:30:05	216.7029	1.6313	417542.2846
29-10-2014 17:31:05	216.9024	1.5376	417562.2731
29-10-2014 17:32:05	217.1021	1.4443	417582.2019
29-10-2014 17:33:05	217.3016	1.3507	417602.1715
29-10-2014 17:34:05	217.4996	1.2561	417622.2412
29-10-2014 17:35:05	217.6986	1.1616	417642.292
29-10-2014 17:36:05	217.8975	1.0667	417662.383

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
29-10-2014 17:37:05	218.0957	0.9705	417682.6146
29-10-2014 17:38:05	218.2933	0.8752	417702.7436
29-10-2014 17:39:05	218.491	0.7782	417723.0545
29-10-2014 17:40:05	218.689	0.6817	417743.3047
29-10-2014 17:41:05	218.8868	0.5848	417763.5944
29-10-2014 17:42:05	219.0831	0.487	417783.9801
29-10-2014 17:43:05	219.2804	0.3893	417804.3475
29-10-2014 17:44:05	219.4775	0.2912	417824.7537
29-10-2014 17:45:05	219.674	0.1918	417845.2981
29-10-2014 17:46:05	219.8699	0.0933	417865.7377
30-10-2014 12:30:05	148.9763	0.0394	424949.0937
30-10-2014 12:31:05	149.1754	0.1139	424943.989
30-10-2014 12:32:05	149.3739	0.1876	424938.9639
30-10-2014 12:33:05	149.5734	0.2612	424933.9493
30-10-2014 12:34:05	149.7723	0.334	424929.014
30-10-2014 12:35:05	149.9721	0.4067	424924.0898
30-10-2014 12:36:05	150.1716	0.4777	424919.3486
30-10-2014 12:37:05	150.3718	0.5494	424914.5157
30-10-2014 12:38:05	150.5721	0.6207	424909.7286
30-10-2014 12:39:05	150.7718	0.6913	424905.0208
30-10-2014 12:40:05	150.9724	0.7617	424900.3258
30-10-2014 12:41:05	151.1724	0.8313	424895.7099
30-10-2014 12:42:05	151.3733	0.9008	424891.1076
30-10-2014 12:43:05	151.5736	0.9695	424886.5843
30-10-2014 12:44:05	151.7749	1.0381	424882.0751
30-10-2014 12:45:05	151.9755	1.1059	424877.6449
30-10-2014 12:46:05	152.1771	1.1735	424873.2297
30-10-2014 12:47:05	152.3784	1.2394	424868.9976
30-10-2014 12:48:05	152.5803	1.3061	424864.6768
30-10-2014 12:49:05	152.7816	1.372	424860.4347
30-10-2014 12:50:05	152.9838	1.4377	424856.2089
30-10-2014 12:51:05	153.1854	1.5027	424852.0615
30-10-2014 12:52:05	153.3879	1.5675	424847.9312
30-10-2014 12:53:05	153.5898	1.6315	424843.8792
30-10-2014 12:54:05	153.7926	1.6953	424839.845
30-10-2014 12:55:05	153.9948	1.7584	424835.8889
30-10-2014 12:56:05	154.1979	1.8213	424831.9513
30-10-2014 12:57:05	154.4012	1.8837	424828.0624
30-10-2014 12:58:05	154.6039	1.9453	424824.2513
30-10-2014 12:59:05	154.8078	2.0058	424820.5653
30-10-2014 13:00:05	155.0107	2.0665	424816.8514

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
30-10-2014 13:01:05	155.2146	2.1269	424813.1579
30-10-2014 13:02:05	155.4178	2.1866	424809.5419
30-10-2014 13:03:05	155.622	2.2461	424805.9468
30-10-2014 13:04:05	155.8256	2.3049	424802.4291
30-10-2014 13:05:05	156.03	2.3634	424798.9329
30-10-2014 13:06:05	156.2339	2.4211	424795.5139
30-10-2014 13:07:05	156.4386	2.4786	424792.1173
30-10-2014 13:08:05	156.6427	2.5354	424788.7975
30-10-2014 13:09:05	156.8478	2.592	424785.5007
30-10-2014 13:10:05	157.0522	2.6477	424782.2807
30-10-2014 13:11:05	157.2578	2.7023	424779.1908
30-10-2014 13:12:05	157.4625	2.7571	424776.071
30-10-2014 13:13:05	157.6681	2.8117	424772.9756
30-10-2014 13:14:05	157.873	2.8655	424769.9565
30-10-2014 13:15:05	158.0789	2.919	424766.9625
30-10-2014 13:16:05	158.2841	2.9718	424764.0446
30-10-2014 13:17:05	158.4903	3.0244	424761.1524
30-10-2014 13:18:05	158.6958	3.0762	424758.336
30-10-2014 13:19:05	158.9022	3.1277	424755.5461
30-10-2014 13:20:05	159.1079	3.1785	424752.8317
30-10-2014 13:21:05	159.3146	3.229	424750.1445
30-10-2014 13:22:05	159.5206	3.2788	424747.5326
30-10-2014 13:23:05	159.7278	3.3273	424745.0556
30-10-2014 13:24:05	159.9349	3.3763	424742.5234
30-10-2014 13:25:05	160.1413	3.4246	424740.0661
30-10-2014 13:26:05	160.3486	3.4725	424737.6376
30-10-2014 13:27:05	160.5553	3.5198	424735.2838
30-10-2014 13:28:05	160.7629	3.5667	424732.9595
30-10-2014 13:29:05	160.9697	3.6129	424730.7096
30-10-2014 13:30:05	161.1776	3.6588	424728.4898
30-10-2014 13:31:05	161.3847	3.704	424726.3442
30-10-2014 13:32:05	161.5928	3.7489	424724.2294
30-10-2014 13:33:05	161.8001	3.793	424722.1885
30-10-2014 13:34:05	162.0084	3.8369	424720.1789
30-10-2014 13:35:05	162.216	3.88	424718.243
30-10-2014 13:36:05	162.4247	3.9218	424716.447
30-10-2014 13:37:05	162.6326	3.9639	424714.6166
30-10-2014 13:38:05	162.8413	4.0056	424712.8189
30-10-2014 13:39:05	163.0493	4.0466	424711.0942
30-10-2014 13:40:05	163.2583	4.0873	424709.4029
30-10-2014 13:41:05	163.4666	4.1273	424707.7844

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
30-10-2014 13:42:05	163.6758	4.167	424706.1997
30-10-2014 13:43:05	163.8842	4.2059	424704.6876
30-10-2014 13:44:05	164.0936	4.2445	424703.2102
30-10-2014 13:45:05	164.3023	4.2824	424701.8048
30-10-2014 13:46:05	164.5119	4.3199	424700.4348
30-10-2014 13:47:05	164.7208	4.3567	424699.1366
30-10-2014 13:48:05	164.9306	4.3932	424697.8743
30-10-2014 13:49:05	165.1398	4.428	424696.792
30-10-2014 13:50:05	165.3498	4.4633	424695.6379
30-10-2014 13:51:05	165.5591	4.4981	424694.5548
30-10-2014 13:52:05	165.7693	4.5324	424693.5089
30-10-2014 13:53:05	165.9787	4.566	424692.5338
30-10-2014 13:54:05	166.1891	4.5993	424691.5966
30-10-2014 13:55:05	166.3987	4.6318	424690.7298
30-10-2014 13:56:05	166.6092	4.664	424689.9016
30-10-2014 13:57:05	166.819	4.6955	424689.1434
30-10-2014 13:58:05	167.0297	4.7266	424688.4242
30-10-2014 13:59:05	167.2397	4.757	424687.775
30-10-2014 14:00:05	167.4506	4.7871	424687.1653
30-10-2014 14:01:05	167.6607	4.8164	424686.6251
30-10-2014 14:02:05	167.8719	4.8444	424686.2342
30-10-2014 14:03:05	168.0822	4.8726	424685.8034
30-10-2014 14:04:05	168.2934	4.9005	424685.4135
30-10-2014 14:05:05	168.5038	4.9277	424685.0921
30-10-2014 14:06:05	168.7152	4.9544	424684.8124
30-10-2014 14:07:05	168.9257	4.9805	424684.601
30-10-2014 14:08:05	169.1372	5.0062	424684.4317
30-10-2014 14:09:05	169.3479	5.0312	424684.3303
30-10-2014 14:10:05	169.5596	5.0558	424684.2716
30-10-2014 14:11:05	169.7704	5.0797	424684.2805
30-10-2014 14:12:05	169.9822	5.1032	424684.3326
30-10-2014 14:13:05	170.1931	5.1261	424684.4519
30-10-2014 14:14:05	170.405	5.1485	424684.6151
30-10-2014 14:15:05	170.6161	5.1702	424684.8451
30-10-2014 14:16:05	170.8282	5.1905	424685.2291
30-10-2014 14:17:05	171.0394	5.2112	424685.5699
30-10-2014 14:18:05	171.2515	5.2314	424685.9559
30-10-2014 14:19:05	171.4628	5.2509	424686.4077
30-10-2014 14:20:05	171.675	5.27	424686.9052
30-10-2014 14:21:05	171.8864	5.2885	424687.4682
30-10-2014 14:22:05	172.0988	5.3064	424688.0774

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
30-10-2014 14:23:05	172.3103	5.3238	424688.7518
30-10-2014 14:24:05	172.5227	5.3407	424689.473
30-10-2014 14:25:05	172.7343	5.3569	424690.2588
30-10-2014 14:26:05	172.9468	5.3727	424691.092
30-10-2014 14:27:05	173.1584	5.3879	424691.9895
30-10-2014 14:28:05	173.371	5.4025	424692.9349
30-10-2014 14:29:05	173.5827	5.4166	424693.9441
30-10-2014 14:30:05	173.7954	5.4302	424695.0018
30-10-2014 14:31:05	174.0073	5.4421	424696.2328
30-10-2014 14:32:05	174.22	5.4546	424697.403
30-10-2014 14:33:05	174.4319	5.4664	424698.636
30-10-2014 14:34:05	174.6446	5.4777	424699.9187
30-10-2014 14:35:05	174.8565	5.4885	424701.2639
30-10-2014 14:36:05	175.0694	5.4987	424702.6592
30-10-2014 14:37:05	175.2813	5.5083	424704.1165
30-10-2014 14:38:05	175.4942	5.5174	424705.6246
30-10-2014 14:39:05	175.7062	5.5259	424707.1942
30-10-2014 14:40:05	175.9191	5.5339	424708.815
30-10-2014 14:41:05	176.1312	5.5413	424710.497
30-10-2014 14:42:05	176.3441	5.5482	424712.2306
30-10-2014 14:43:05	176.5562	5.5545	424714.025
30-10-2014 14:44:05	176.7692	5.5603	424715.8716
30-10-2014 14:45:05	176.9813	5.5655	424717.7784
30-10-2014 14:46:05	177.1943	5.5691	424719.8481
30-10-2014 14:47:05	177.4064	5.5732	424721.8674
30-10-2014 14:48:05	177.6194	5.5767	424723.94
30-10-2014 14:49:05	177.8315	5.5797	424726.0719
30-10-2014 14:50:05	178.0445	5.5821	424728.2575
30-10-2014 14:51:05	178.2566	5.5839	424730.5019
30-10-2014 14:52:05	178.4696	5.5852	424732.8006
30-10-2014 14:53:05	178.6817	5.586	424735.1576
30-10-2014 14:54:05	178.8947	5.5861	424737.5694
30-10-2014 14:55:05	179.1068	5.5858	424740.0389
30-10-2014 14:56:05	179.3198	5.5848	424742.5638
30-10-2014 14:57:05	179.5319	5.5833	424745.1459
30-10-2014 14:58:05	179.7448	5.5813	424747.7839
30-10-2014 14:59:05	179.9569	5.5787	424750.4785
30-10-2014 15:00:05	180.1698	5.5755	424753.2296
30-10-2014 15:01:05	180.3818	5.5718	424756.0368
30-10-2014 15:02:05	180.5947	5.5665	424759.0111
30-10-2014 15:03:05	180.8067	5.5617	424761.9308

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
30-10-2014 15:04:05	181.0195	5.5563	424764.908
30-10-2014 15:05:05	181.2315	5.5503	424767.9402
30-10-2014 15:06:05	181.4443	5.5438	424771.0303
30-10-2014 15:07:05	181.6561	5.5367	424774.175
30-10-2014 15:08:05	181.8689	5.5291	424777.3778
30-10-2014 15:09:05	182.0807	5.5209	424780.6349
30-10-2014 15:10:05	182.2934	5.5122	424783.9507
30-10-2014 15:11:05	182.5051	5.5029	424787.3201
30-10-2014 15:12:05	182.7177	5.4931	424790.7486
30-10-2014 15:13:05	182.9294	5.4827	424794.2302
30-10-2014 15:14:05	183.1419	5.4717	424797.7715
30-10-2014 15:15:05	183.3535	5.4602	424801.3652
30-10-2014 15:16:05	183.566	5.4481	424805.0191
30-10-2014 15:17:05	183.7775	5.4355	424808.7248
30-10-2014 15:18:05	183.9898	5.4223	424812.4912
30-10-2014 15:19:05	184.2012	5.4076	424816.419
30-10-2014 15:20:05	184.4134	5.3933	424820.2978
30-10-2014 15:21:05	184.6248	5.3785	424824.2273
30-10-2014 15:22:05	184.8369	5.3631	424828.2183
30-10-2014 15:23:05	185.0481	5.3472	424832.2596
30-10-2014 15:24:05	185.2601	5.3307	424836.3627
30-10-2014 15:25:05	185.4712	5.3137	424840.5156
30-10-2014 15:26:05	185.6823	5.2961	424844.7241
30-10-2014 15:27:05	185.8941	5.2779	424848.9949
30-10-2014 15:28:05	186.1051	5.2592	424853.3148
30-10-2014 15:29:05	186.3168	5.24	424857.6976
30-10-2014 15:30:05	186.5276	5.2202	424862.1286
30-10-2014 15:31:05	186.7392	5.1998	424866.623
30-10-2014 15:32:05	186.9498	5.179	424871.165
30-10-2014 15:33:05	187.1613	5.1575	424875.7709
30-10-2014 15:34:05	187.3718	5.1355	424880.4238
30-10-2014 15:35:05	187.5831	5.1129	424885.141
30-10-2014 15:36:05	187.7935	5.0899	424889.9046
30-10-2014 15:37:05	188.0045	5.0652	424894.8426
30-10-2014 15:38:05	188.2147	5.0411	424899.7167
30-10-2014 15:39:05	188.4257	5.0163	424904.6558
30-10-2014 15:40:05	188.6357	4.9911	424909.6401
30-10-2014 15:41:05	188.8466	4.9652	424914.6898
30-10-2014 15:42:05	189.0565	4.9389	424919.7844
30-10-2014 15:43:05	189.2671	4.912	424924.9446
30-10-2014 15:44:05	189.4768	4.8846	424930.149

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
30-10-2014 15:45:05	189.6873	4.8565	424935.4194
30-10-2014 15:46:05	189.8968	4.828	424940.7333
30-10-2014 15:47:05	190.1071	4.7989	424946.1139
30-10-2014 15:48:05	190.3164	4.7694	424951.5373
30-10-2014 15:49:05	190.5265	4.7391	424957.0275
30-10-2014 15:50:05	190.7357	4.7085	424962.56
30-10-2014 15:51:05	190.9456	4.6772	424968.1597
30-10-2014 15:52:05	191.1546	4.6455	424973.8012
30-10-2014 15:53:05	191.3634	4.6133	424979.4969
30-10-2014 15:54:05	191.573	4.5804	424985.2603
30-10-2014 15:55:05	191.7817	4.5471	424991.0644
30-10-2014 15:56:05	191.9909	4.5121	424997.0458
30-10-2014 15:57:05	192.1994	4.4777	425002.9581
30-10-2014 15:58:05	192.4085	4.4427	425008.9389
30-10-2014 15:59:05	192.6167	4.4072	425014.9592
30-10-2014 16:00:05	192.8257	4.3711	425021.0482
30-10-2014 16:01:05	193.0337	4.3346	425027.1761
30-10-2014 16:02:05	193.2424	4.2974	425033.3732
30-10-2014 16:03:05	193.4502	4.2599	425039.6084
30-10-2014 16:04:05	193.6587	4.2216	425045.913
30-10-2014 16:05:05	193.8662	4.183	425052.2552
30-10-2014 16:06:05	194.0745	4.1437	425058.6673
30-10-2014 16:07:05	194.2818	4.104	425065.1161
30-10-2014 16:08:05	194.4898	4.0637	425071.6352
30-10-2014 16:09:05	194.6969	4.023	425078.1905
30-10-2014 16:10:05	194.9046	3.9816	425084.8161
30-10-2014 16:11:05	195.1114	3.9398	425091.4774
30-10-2014 16:12:05	195.319	3.8973	425098.2094
30-10-2014 16:13:05	195.5255	3.8545	425104.9764
30-10-2014 16:14:05	195.7319	3.8112	425111.796
30-10-2014 16:15:05	195.9391	3.7672	425118.6866
30-10-2014 16:16:05	196.1452	3.7228	425125.6113
30-10-2014 16:17:05	196.3519	3.6768	425132.7156
30-10-2014 16:18:05	196.5578	3.6314	425139.7451
30-10-2014 16:19:05	196.7644	3.5853	425146.8461
30-10-2014 16:20:05	196.97	3.5389	425153.9799
30-10-2014 16:21:05	197.1763	3.4918	425161.1856
30-10-2014 16:22:05	197.3817	3.4443	425168.4235
30-10-2014 16:23:05	197.5877	3.3962	425175.7334
30-10-2014 16:24:05	197.7928	3.3477	425183.0748
30-10-2014 16:25:05	197.9986	3.2985	425190.4886

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
30-10-2014 16:26:05	198.2033	3.249	425197.9332
30-10-2014 16:27:05	198.4088	3.1988	425205.4505
30-10-2014 16:28:05	198.6133	3.1483	425212.9978
30-10-2014 16:29:05	198.8177	3.0973	425220.5963
30-10-2014 16:30:05	199.0227	3.0456	425228.2678
30-10-2014 16:31:05	199.2268	2.9936	425235.9684
30-10-2014 16:32:05	199.4315	2.9409	425243.7424
30-10-2014 16:33:05	199.6353	2.8878	425251.5446
30-10-2014 16:34:05	199.8397	2.8341	425259.4205
30-10-2014 16:35:05	200.0432	2.7801	425267.3241
30-10-2014 16:36:05	200.2473	2.7254	425275.3014
30-10-2014 16:37:05	200.4504	2.6703	425283.3058
30-10-2014 16:38:05	200.6543	2.6146	425291.3842
30-10-2014 16:39:05	200.8568	2.5576	425299.5958
30-10-2014 16:40:05	201.0603	2.5009	425307.7747
30-10-2014 16:41:05	201.2629	2.4439	425315.9792
30-10-2014 16:42:05	201.4661	2.3862	425324.2582
30-10-2014 16:43:05	201.6683	2.3283	425332.5622
30-10-2014 16:44:05	201.8703	2.2698	425340.9155
30-10-2014 16:45:05	202.073	2.2106	425349.3435
30-10-2014 16:46:05	202.2747	2.1512	425357.7956
30-10-2014 16:47:05	202.4771	2.091	425366.3225
30-10-2014 16:48:05	202.6785	2.0306	425374.8727
30-10-2014 16:49:05	202.8806	1.9695	425383.498
30-10-2014 16:50:05	203.0816	1.9081	425392.1458
30-10-2014 16:51:05	203.2834	1.846	425400.869
30-10-2014 16:52:05	203.4841	1.7836	425409.6139
30-10-2014 16:53:05	203.6855	1.7206	425418.4345
30-10-2014 16:54:05	203.8859	1.6573	425427.276
30-10-2014 16:55:05	204.0869	1.5933	425436.1934
30-10-2014 16:56:05	204.287	1.529	425445.1311
30-10-2014 16:57:05	204.4869	1.4643	425454.1165
30-10-2014 16:58:05	204.6874	1.3989	425463.1779
30-10-2014 16:59:05	204.887	1.3332	425472.2586
30-10-2014 17:00:05	205.0872	1.2668	425481.4155
30-10-2014 17:01:05	205.2864	1.2002	425490.5909
30-10-2014 17:02:05	205.4862	1.1328	425499.8427
30-10-2014 17:03:05	205.6851	1.0653	425509.1123
30-10-2014 17:04:05	205.8843	0.9961	425518.5636
30-10-2014 17:05:05	206.0828	0.9276	425527.9268
30-10-2014 17:06:05	206.2819	0.8584	425537.3665

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
30-10-2014 17:07:05	206.4801	0.789	425546.8228
30-10-2014 17:08:05	206.6789	0.7189	425556.3557
30-10-2014 17:09:05	206.8767	0.6485	425565.9044
30-10-2014 17:10:05	207.0743	0.5778	425575.4989
30-10-2014 17:11:05	207.2726	0.5063	425585.1704
30-10-2014 17:12:05	207.4698	0.4346	425594.8567
30-10-2014 17:13:05	207.6677	0.3621	425604.6198
30-10-2014 17:14:05	207.8647	0.2895	425614.397
30-10-2014 17:15:05	208.0622	0.2162	425624.2513
30-10-2014 17:16:05	208.2587	0.1427	425634.1187
30-10-2014 17:17:05	208.4559	0.0685	425644.0635
31-10-2014 14:06:05	164.9887	0.0149	423560.31
31-10-2014 14:07:05	165.1867	0.0505	423551.3393
31-10-2014 14:08:05	165.3848	0.0856	423542.4192
31-10-2014 14:09:05	165.583	0.1202	423533.5498
31-10-2014 14:10:05	165.7813	0.1543	423524.7312
31-10-2014 14:11:05	165.9794	0.1888	423515.8546
31-10-2014 14:12:05	166.1778	0.2219	423507.1379
31-10-2014 14:13:05	166.3763	0.2545	423498.4721
31-10-2014 14:14:05	166.5749	0.2865	423489.8574
31-10-2014 14:15:05	166.7736	0.3181	423481.2939
31-10-2014 14:16:05	166.9723	0.3491	423472.7817
31-10-2014 14:17:05	167.1711	0.3797	423464.3206
31-10-2014 14:18:05	167.3698	0.4107	423455.8017
31-10-2014 14:19:05	167.5687	0.4402	423447.4434
31-10-2014 14:20:05	167.7677	0.4692	423439.1366
31-10-2014 14:21:05	167.9668	0.4977	423430.8814
31-10-2014 14:22:05	168.166	0.5257	423422.6777
31-10-2014 14:23:05	168.3652	0.5532	423414.5256
31-10-2014 14:24:05	168.5643	0.5812	423406.3159
31-10-2014 14:25:05	168.7636	0.6076	423398.2673
31-10-2014 14:26:05	168.9631	0.6336	423390.2705
31-10-2014 14:27:05	169.1625	0.659	423382.3257
31-10-2014 14:28:05	169.3621	0.6839	423374.4327
31-10-2014 14:29:05	169.5616	0.7084	423366.5918
31-10-2014 14:30:05	169.7613	0.7322	423358.8028
31-10-2014 14:31:05	169.9608	0.7566	423350.9562
31-10-2014 14:32:05	170.1606	0.7795	423343.2715
31-10-2014 14:33:05	170.3604	0.8018	423335.639
31-10-2014 14:34:05	170.5603	0.8237	423328.0586
31-10-2014 14:35:05	170.7602	0.845	423320.5306

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
31-10-2014 14:36:05	170.9601	0.8658	423313.0549
31-10-2014 14:37:05	171.16	0.8871	423305.5216
31-10-2014 14:38:05	171.3601	0.9068	423298.1506
31-10-2014 14:39:05	171.5602	0.9261	423290.8321
31-10-2014 14:40:05	171.7603	0.9448	423283.5661
31-10-2014 14:41:05	171.9605	0.963	423276.3525
31-10-2014 14:42:05	172.1608	0.9807	423269.1916
31-10-2014 14:43:05	172.361	0.9979	423262.0833
31-10-2014 14:44:05	172.5612	1.0156	423254.9173
31-10-2014 14:45:05	172.7616	1.0317	423247.9143
31-10-2014 14:46:05	172.962	1.0473	423240.9639
31-10-2014 14:47:05	173.1624	1.0624	423234.0663
31-10-2014 14:48:05	173.3628	1.077	423227.2215
31-10-2014 14:49:05	173.5633	1.091	423220.4294
31-10-2014 14:50:05	173.7638	1.1056	423213.5799
31-10-2014 14:51:05	173.9643	1.1186	423206.8935
31-10-2014 14:52:05	174.1649	1.1311	423200.26
31-10-2014 14:53:05	174.3655	1.143	423193.6795
31-10-2014 14:54:05	174.5661	1.1545	423187.1518
31-10-2014 14:55:05	174.7667	1.1654	423180.6772
31-10-2014 14:56:05	174.9673	1.1768	423174.1451
31-10-2014 14:57:05	175.168	1.1867	423167.7763
31-10-2014 14:58:05	175.3687	1.196	423161.4606
31-10-2014 14:59:05	175.5695	1.2048	423155.198
31-10-2014 15:00:05	175.7702	1.2131	423148.9885
31-10-2014 15:01:05	175.971	1.2209	423142.8321
31-10-2014 15:02:05	176.1717	1.2282	423136.7287
31-10-2014 15:03:05	176.3725	1.2359	423130.5678
31-10-2014 15:04:05	176.5733	1.2421	423124.5707
31-10-2014 15:05:05	176.7741	1.2478	423118.6266
31-10-2014 15:06:05	176.9749	1.253	423112.7358
31-10-2014 15:07:05	177.1757	1.2576	423106.898
31-10-2014 15:08:05	177.3765	1.2617	423101.1136
31-10-2014 15:09:05	177.5773	1.2663	423095.2716
31-10-2014 15:10:05	177.7781	1.2694	423089.5934
31-10-2014 15:11:05	177.979	1.2719	423083.9684
31-10-2014 15:12:05	178.1798	1.2739	423078.3967
31-10-2014 15:13:05	178.3806	1.2754	423072.878
31-10-2014 15:14:05	178.5814	1.2763	423067.4127
31-10-2014 15:15:05	178.7822	1.2778	423061.8898
31-10-2014 15:16:05	178.983	1.2777	423056.5309

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
31-10-2014 15:17:05	179.1838	1.2771	423051.2251
31-10-2014 15:18:05	179.3846	1.2759	423045.9725
31-10-2014 15:19:05	179.5854	1.2743	423040.7732
31-10-2014 15:20:05	179.7862	1.2721	423035.6271
31-10-2014 15:21:05	179.9869	1.2694	423030.5341
31-10-2014 15:22:05	180.1877	1.2671	423025.3836
31-10-2014 15:23:05	180.3876	1.2634	423020.3965
31-10-2014 15:24:05	180.5883	1.2591	423015.4629
31-10-2014 15:25:05	180.789	1.2543	423010.5825
31-10-2014 15:26:05	180.9897	1.2489	423005.7551
31-10-2014 15:27:05	181.1903	1.2431	423000.9809
31-10-2014 15:28:05	181.3909	1.2377	422996.1492
31-10-2014 15:29:05	181.5915	1.2308	422991.4812
31-10-2014 15:30:05	181.7921	1.2233	422986.8664
31-10-2014 15:31:05	181.9926	1.2154	422982.3046
31-10-2014 15:32:05	182.1931	1.2069	422977.796
31-10-2014 15:33:05	182.3936	1.1979	422973.3403
31-10-2014 15:34:05	182.5941	1.1894	422968.827
31-10-2014 15:35:05	182.7945	1.1793	422964.4774
31-10-2014 15:36:05	182.9949	1.1687	422960.1808
31-10-2014 15:37:05	183.1952	1.1576	422955.9371
31-10-2014 15:38:05	183.3955	1.146	422951.7465
31-10-2014 15:39:05	183.5958	1.1339	422947.6087
31-10-2014 15:40:05	183.7961	1.1222	422943.4133
31-10-2014 15:41:05	183.9962	1.109	422939.3813
31-10-2014 15:42:05	184.1964	1.0953	422935.4021
31-10-2014 15:43:05	184.3965	1.0811	422931.4758
31-10-2014 15:44:05	184.5965	1.0663	422927.6021
31-10-2014 15:45:05	184.7965	1.0511	422923.7813
31-10-2014 15:46:05	184.9965	1.0363	422919.9027
31-10-2014 15:47:05	185.1964	1.0199	422916.1873
31-10-2014 15:48:05	185.3963	1.0031	422912.5246
31-10-2014 15:49:05	185.5961	0.9858	422908.9144
31-10-2014 15:50:05	185.7958	0.9679	422905.3568
31-10-2014 15:51:05	185.9955	0.9495	422901.8517
31-10-2014 15:52:05	186.1952	0.9316	422898.2889
31-10-2014 15:53:05	186.3947	0.9122	422894.8887
31-10-2014 15:54:05	186.5942	0.8922	422891.5411
31-10-2014 15:55:05	186.7937	0.8718	422888.2458
31-10-2014 15:56:05	186.9931	0.8508	422885.0028
31-10-2014 15:57:05	187.1924	0.8293	422881.8122

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
31-10-2014 15:58:05	187.3909	0.8084	422878.5548
31-10-2014 15:59:05	187.5901	0.7858	422875.4684
31-10-2014 16:00:05	187.7892	0.7628	422872.434
31-10-2014 16:01:05	187.9882	0.7392	422869.4519
31-10-2014 16:02:05	188.1872	0.7152	422866.5218
31-10-2014 16:03:05	188.3861	0.6906	422863.6436
31-10-2014 16:04:05	188.5851	0.6665	422860.7073
31-10-2014 16:05:05	188.7838	0.6409	422857.9331
31-10-2014 16:06:05	188.9825	0.6148	422855.2107
31-10-2014 16:07:05	189.1811	0.5881	422852.54
31-10-2014 16:08:05	189.3796	0.561	422849.9211
31-10-2014 16:09:05	189.578	0.5333	422847.3538
31-10-2014 16:10:05	189.7765	0.5061	422844.7284
31-10-2014 16:11:05	189.9748	0.4775	422842.2643
31-10-2014 16:12:05	190.173	0.4483	422839.8518
31-10-2014 16:13:05	190.3711	0.4186	422837.4906
31-10-2014 16:14:05	190.5691	0.3884	422835.1809
31-10-2014 16:15:05	190.7671	0.3577	422832.9224
31-10-2014 16:16:05	190.965	0.3275	422830.6056
31-10-2014 16:17:05	191.1628	0.2957	422828.4496
31-10-2014 16:18:05	191.3605	0.2635	422826.3447
31-10-2014 16:19:05	191.558	0.2308	422824.2909
31-10-2014 16:20:05	191.7555	0.1975	422822.2879
31-10-2014 16:21:05	191.9529	0.1638	422820.336
31-10-2014 16:22:05	192.1495	0.1307	422818.3112
31-10-2014 16:23:05	192.3467	0.0959	422816.4606
31-10-2014 16:24:05	192.5438	0.0607	422814.6607
31-10-2014 16:25:05	192.7408	0.0249	422812.9114
06-11-2014 19:28:05	129.6546	0.0243	128200.8033
06-11-2014 19:29:05	129.8085	0.1543	128127.5414
06-11-2014 19:30:05	129.9622	0.285	128054.2237
06-11-2014 19:31:05	130.1166	0.4147	127981.0423
06-11-2014 19:32:05	130.2713	0.5441	127907.9014
06-11-2014 19:33:05	130.4263	0.6734	127834.8016
06-11-2014 19:34:05	130.5814	0.8025	127761.7428
06-11-2014 19:35:05	130.7364	0.9323	127688.6292
06-11-2014 19:36:05	130.8921	1.061	127615.6535
06-11-2014 19:37:05	131.0475	1.1904	127542.6232
06-11-2014 19:38:05	131.2029	1.3183	127469.7826
06-11-2014 19:39:05	131.3589	1.4473	127396.8367
06-11-2014 19:40:05	131.5156	1.5753	127324.03

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
06-11-2014 19:41:05	131.6721	1.7039	127251.1695
06-11-2014 19:42:05	131.8293	1.8315	127178.4489
06-11-2014 19:43:05	131.9855	1.9593	127105.7253
06-11-2014 19:44:05	132.1428	2.0873	127032.9947
06-11-2014 19:45:05	132.3008	2.2143	126960.4051
06-11-2014 19:46:05	132.4586	2.342	126887.7625
06-11-2014 19:47:05	132.6158	2.469	126815.2143
06-11-2014 19:48:05	132.7742	2.5962	126742.6605
06-11-2014 19:49:05	132.9328	2.7233	126670.1517
06-11-2014 19:50:05	133.0908	2.8497	126597.7374
06-11-2014 19:51:05	133.25	2.9763	126525.319
06-11-2014 19:52:05	133.4086	3.1023	126452.9954
06-11-2014 19:53:05	133.5683	3.2286	126380.6682
06-11-2014 19:54:05	133.7283	3.3546	126308.3874
06-11-2014 19:55:05	133.8877	3.48	126236.2017
06-11-2014 19:56:05	134.0477	3.6065	126163.9158
06-11-2014 19:57:05	134.2077	3.7314	126091.8233
06-11-2014 19:58:05	134.3688	3.8566	126019.7291
06-11-2014 19:59:05	134.5288	3.9821	125947.6327
06-11-2014 20:00:05	134.6905	4.1068	125875.6335
06-11-2014 20:01:05	134.8511	4.2318	125803.6321
06-11-2014 20:02:05	135.0125	4.3557	125731.7766
06-11-2014 20:03:05	135.1745	4.4807	125659.8234
06-11-2014 20:04:05	135.3364	4.6042	125588.0646
06-11-2014 20:05:05	135.499	4.7287	125516.2086
06-11-2014 20:06:05	135.6611	4.8527	125444.449
06-11-2014 20:07:05	135.8239	4.9755	125372.8369
06-11-2014 20:08:05	135.9873	5.0994	125301.1288
06-11-2014 20:09:05	136.1503	5.2226	125229.5173
06-11-2014 20:10:05	136.3135	5.3456	125157.9556
06-11-2014 20:11:05	136.477	5.4684	125086.444
06-11-2014 20:12:05	136.6416	5.5914	125014.9362
06-11-2014 20:13:05	136.8057	5.7138	124943.5255
06-11-2014 20:14:05	136.9701	5.8359	124872.1657
06-11-2014 20:15:05	137.1347	5.9578	124800.857
06-11-2014 20:16:05	137.2997	6.0795	124729.5994
06-11-2014 20:17:05	137.4659	6.2013	124658.3479
06-11-2014 20:18:05	137.6314	6.3225	124587.194
06-11-2014 20:19:05	137.7973	6.4434	124516.0921
06-11-2014 20:20:05	137.963	6.5651	124444.9432
06-11-2014 20:21:05	138.1295	6.6855	124373.9461

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
06-11-2014 20:22:05	138.2963	6.8058	124303.0018
06-11-2014 20:23:05	138.4629	6.9267	124232.0112
06-11-2014 20:24:05	138.6303	7.0464	124161.1732
06-11-2014 20:25:05	138.7976	7.1669	124090.2893
06-11-2014 20:26:05	138.9656	7.2861	124019.5586
06-11-2014 20:27:05	139.1335	7.4061	123948.7823
06-11-2014 20:28:05	139.3017	7.5258	123878.0603
06-11-2014 20:29:05	139.4706	7.6443	123807.4925
06-11-2014 20:30:05	139.6394	7.7635	123736.8796
06-11-2014 20:31:05	139.8085	7.8824	123666.3216
06-11-2014 20:32:05	139.978	8.0011	123595.8189
06-11-2014 20:33:05	140.1468	8.1192	123525.4147
06-11-2014 20:34:05	140.3169	8.2374	123455.0229
06-11-2014 20:35:05	140.4877	8.3544	123384.787
06-11-2014 20:36:05	140.658	8.473	123314.4073
06-11-2014 20:37:05	140.829	8.5904	123244.1841
06-11-2014 20:38:05	140.9995	8.7072	123174.0597
06-11-2014 20:39:05	141.1712	8.8241	123103.9499
06-11-2014 20:40:05	141.3431	8.9407	123033.8972
06-11-2014 20:41:05	141.5155	9.0571	122963.9019
06-11-2014 20:42:05	141.6868	9.1737	122893.9056
06-11-2014 20:43:05	141.8597	9.2896	122824.0256
06-11-2014 20:44:05	142.033	9.4052	122754.2038
06-11-2014 20:45:05	142.2053	9.521	122684.3809
06-11-2014 20:46:05	142.3793	9.6361	122614.6758
06-11-2014 20:47:05	142.5522	9.7514	122544.9698
06-11-2014 20:48:05	142.7268	9.8659	122475.3826
06-11-2014 20:49:05	142.9004	9.9807	122405.7944
06-11-2014 20:50:05	143.0757	10.0946	122336.3258
06-11-2014 20:51:05	143.25	10.2088	122266.8563
06-11-2014 20:52:05	143.4255	10.3232	122197.4068
06-11-2014 20:53:05	143.6004	10.4368	122128.057
06-11-2014 20:54:05	143.777	10.5497	122058.8288
06-11-2014 20:55:05	143.9526	10.6628	121989.5998
06-11-2014 20:56:05	144.1295	10.776	121920.3922
06-11-2014 20:57:05	144.3057	10.8886	121851.2849
06-11-2014 20:58:05	144.4833	11.0012	121782.1998
06-11-2014 20:59:05	144.6602	11.1132	121713.215
06-11-2014 21:00:05	144.8375	11.2249	121644.2918
06-11-2014 21:01:05	145.0157	11.3376	121575.2911
06-11-2014 21:02:05	145.1937	11.4487	121506.4918

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
06-11-2014 21:03:05	145.372	11.5595	121437.7548
06-11-2014 21:04:05	145.5506	11.6701	121369.0803
06-11-2014 21:05:05	145.7302	11.7816	121300.3299
06-11-2014 21:06:05	145.9095	11.8916	121231.7814
06-11-2014 21:07:05	146.0892	12.0012	121163.2959
06-11-2014 21:08:05	146.2688	12.1115	121094.7726
06-11-2014 21:09:05	146.4492	12.2206	121026.4143
06-11-2014 21:10:05	146.6296	12.3303	120958.0187
06-11-2014 21:11:05	146.8112	12.44	120889.6507
06-11-2014 21:12:05	146.9926	12.5482	120821.4851
06-11-2014 21:13:05	147.174	12.6569	120753.2825
06-11-2014 21:14:05	147.3557	12.7654	120685.1448
06-11-2014 21:15:05	147.5382	12.8727	120617.1736
06-11-2014 21:16:05	147.7206	12.9805	120549.1662
06-11-2014 21:17:05	147.9034	13.0881	120481.2243
06-11-2014 21:18:05	148.0866	13.1953	120413.3481
06-11-2014 21:19:05	148.2701	13.3023	120345.5379
06-11-2014 21:20:05	148.4539	13.4089	120277.7938
06-11-2014 21:21:05	148.6381	13.5152	120210.1162
06-11-2014 21:22:05	148.8218	13.6208	120142.5394
06-11-2014 21:23:05	149.0063	13.7275	120074.8935
06-11-2014 21:24:05	149.1916	13.8328	120007.4163
06-11-2014 21:25:05	149.3772	13.9378	119940.0064
06-11-2014 21:26:05	149.5632	14.0425	119872.6641
06-11-2014 21:27:05	149.7492	14.1479	119805.2878
06-11-2014 21:28:05	149.935	14.2516	119738.1143
06-11-2014 21:29:05	150.1217	14.3563	119670.8741
06-11-2014 21:30:05	150.3091	14.4597	119603.8041
06-11-2014 21:31:05	150.4966	14.5637	119536.701
06-11-2014 21:32:05	150.6837	14.6661	119469.8008
06-11-2014 21:33:05	150.8719	14.7695	119402.8354
06-11-2014 21:34:05	151.0608	14.8715	119336.0414
06-11-2014 21:35:05	151.2487	14.9739	119269.2466
06-11-2014 21:36:05	151.438	15.0762	119202.4898
06-11-2014 21:37:05	151.6266	15.178	119135.8341
06-11-2014 21:38:05	151.8166	15.2796	119069.2174
06-11-2014 21:39:05	152.006	15.3806	119002.7019
06-11-2014 21:40:05	152.1967	15.4816	118936.226
06-11-2014 21:41:05	152.3868	15.582	118869.8515
06-11-2014 21:42:05	152.5783	15.6823	118803.5176
06-11-2014 21:43:05	152.7691	15.7819	118737.2848

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
06-11-2014 21:44:05	152.9613	15.8815	118671.0936
06-11-2014 21:45:05	153.1529	15.9804	118605.0036
06-11-2014 21:46:05	153.3458	16.0793	118538.9559
06-11-2014 21:47:05	153.5378	16.1785	118472.9075
06-11-2014 21:48:05	153.7305	16.2764	118407.0332
06-11-2014 21:49:05	153.9245	16.3743	118341.2024
06-11-2014 21:50:05	154.1176	16.4724	118275.3709
06-11-2014 21:51:05	154.3114	16.5692	118209.7141
06-11-2014 21:52:05	154.5052	16.6667	118144.0281
06-11-2014 21:53:05	154.7007	16.763	118078.4896
06-11-2014 21:54:05	154.8953	16.8597	118012.9503
06-11-2014 21:55:05	155.0903	16.9561	117947.4843
06-11-2014 21:56:05	155.2859	17.0511	117882.1944
06-11-2014 21:57:05	155.4816	17.1467	117816.8762
06-11-2014 21:58:05	155.6786	17.2422	117751.6056
06-11-2014 21:59:05	155.8751	17.3371	117686.4361
06-11-2014 22:00:05	156.0719	17.4316	117621.3414
06-11-2014 22:01:05	156.2691	17.5257	117556.3214
06-11-2014 22:02:05	156.4666	17.6195	117491.3764
06-11-2014 22:03:05	156.6646	17.7129	117426.5066
06-11-2014 22:04:05	156.8628	17.8059	117361.7123
06-11-2014 22:05:05	157.0615	17.8985	117296.9936
06-11-2014 22:06:05	157.2605	17.9907	117232.3507
06-11-2014 22:07:05	157.4597	18.0835	117167.6818
06-11-2014 22:08:05	157.6595	18.175	117103.1912
06-11-2014 22:09:05	157.8586	18.2659	117038.8014
06-11-2014 22:10:05	158.0589	18.3576	116974.3617
06-11-2014 22:11:05	158.2598	18.4479	116910.101
06-11-2014 22:12:05	158.461	18.5378	116845.9174
06-11-2014 22:13:05	158.6624	18.6283	116781.7089
06-11-2014 22:14:05	158.8642	18.7184	116717.5779
06-11-2014 22:15:05	159.0656	18.8069	116653.6497
06-11-2014 22:16:05	159.2681	18.8962	116589.6742
06-11-2014 22:17:05	159.4709	18.9852	116525.7766
06-11-2014 22:18:05	159.6734	19.0725	116462.0819
06-11-2014 22:19:05	159.877	19.1606	116398.341
06-11-2014 22:20:05	160.081	19.2484	116334.6789
06-11-2014 22:21:05	160.2844	19.3355	116271.1172
06-11-2014 22:22:05	160.4891	19.4224	116207.613
06-11-2014 22:23:05	160.6932	19.5087	116144.2091
06-11-2014 22:24:05	160.8987	19.5948	116080.8633

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
06-11-2014 22:25:05	161.1035	19.6803	116017.618
06-11-2014 22:26:05	161.3097	19.7656	115954.4317
06-11-2014 22:27:05	161.5151	19.8512	115891.2437
06-11-2014 22:28:05	161.7221	19.9357	115828.2175
06-11-2014 22:29:05	161.9284	20.0195	115765.2918
06-11-2014 22:30:05	162.1359	20.1042	115702.3246
06-11-2014 22:31:05	162.3429	20.1872	115639.5597
06-11-2014 22:32:05	162.5503	20.2698	115576.8753
06-11-2014 22:33:05	162.7589	20.3531	115514.151
06-11-2014 22:34:05	162.967	20.4349	115451.6289
06-11-2014 22:35:05	163.1753	20.5172	115389.0858
06-11-2014 22:36:05	163.3851	20.5993	115326.6061
06-11-2014 22:37:05	163.5943	20.6798	115264.3284
06-11-2014 22:38:05	163.8037	20.7608	115202.0304
06-11-2014 22:39:05	164.0135	20.8414	115139.8145
06-11-2014 22:40:05	164.2236	20.9216	115077.6807
06-11-2014 22:41:05	164.4352	21.0016	115015.6123
06-11-2014 22:42:05	164.6461	21.0809	114953.6437
06-11-2014 22:43:05	164.8573	21.1598	114891.7578
06-11-2014 22:44:05	165.0689	21.2382	114829.9549
06-11-2014 22:45:05	165.2809	21.3163	114768.235
06-11-2014 22:46:05	165.4932	21.3938	114706.5985
06-11-2014 22:47:05	165.7059	21.471	114645.0455
06-11-2014 22:48:05	165.9189	21.5477	114583.5761
06-11-2014 22:49:05	166.1322	21.6249	114522.0888
06-11-2014 22:50:05	166.3459	21.7007	114460.7873
06-11-2014 22:51:05	166.5601	21.7761	114399.5701
06-11-2014 22:52:05	166.7733	21.8519	114338.3499
06-11-2014 22:53:05	166.9882	21.9263	114277.3013
06-11-2014 22:54:05	167.2032	22.0014	114216.2359
06-11-2014 22:55:05	167.4188	22.0749	114155.3571
06-11-2014 22:56:05	167.6345	22.149	114094.4618
06-11-2014 22:57:05	167.8496	22.2226	114033.665
06-11-2014 22:58:05	168.0662	22.2948	113973.0418
06-11-2014 22:59:05	168.283	22.3675	113912.4027
06-11-2014 23:00:05	168.5002	22.4398	113851.8495
06-11-2014 23:01:05	168.7166	22.5115	113791.3947
06-11-2014 23:02:05	168.9345	22.5829	113731.0134
06-11-2014 23:03:05	169.1517	22.6537	113670.7304
06-11-2014 23:04:05	169.3703	22.7241	113610.5219
06-11-2014 23:05:05	169.5892	22.7941	113550.4001

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
06-11-2014 23:06:05	169.8074	22.8635	113490.3763
06-11-2014 23:07:05	170.027	22.9325	113430.4282
06-11-2014 23:08:05	170.2459	23.001	113370.5781
06-11-2014 23:09:05	170.465	23.07	113310.7134
06-11-2014 23:10:05	170.6857	23.1376	113251.0272
06-11-2014 23:11:05	170.9056	23.2047	113191.4385
06-11-2014 23:12:05	171.1268	23.2724	113131.8264
06-11-2014 23:13:05	171.3474	23.3385	113072.4131
06-11-2014 23:14:05	171.5682	23.4051	113012.9863
06-11-2014 23:15:05	171.7906	23.4704	112953.7398
06-11-2014 23:16:05	172.0121	23.5361	112894.4894
06-11-2014 23:17:05	172.2339	23.6013	112835.3273
06-11-2014 23:18:05	172.4562	23.665	112776.3548
06-11-2014 23:19:05	172.6798	23.7293	112717.3619
06-11-2014 23:20:05	172.9026	23.7931	112658.4659
06-11-2014 23:21:05	173.1258	23.8564	112599.6589
06-11-2014 23:22:05	173.3493	23.9192	112540.9411
06-11-2014 23:23:05	173.5731	23.9815	112482.3125
06-11-2014 23:24:05	173.7973	24.0433	112423.7734
06-11-2014 23:25:05	174.0217	24.1046	112365.3237
06-11-2014 23:26:05	174.2465	24.1655	112306.964
06-11-2014 23:27:05	174.4717	24.2258	112248.6941
06-11-2014 23:28:05	174.6971	24.2857	112190.5144
06-11-2014 23:29:05	174.9229	24.3451	112132.4248
06-11-2014 23:30:05	175.1489	24.4049	112074.325
06-11-2014 23:31:05	175.3753	24.4633	112016.4164
06-11-2014 23:32:05	175.602	24.5212	111958.5985
06-11-2014 23:33:05	175.8278	24.5795	111900.7753
06-11-2014 23:34:05	176.0551	24.6364	111843.139
06-11-2014 23:35:05	176.2827	24.6938	111785.4933
06-11-2014 23:36:05	176.5106	24.7507	111727.9391
06-11-2014 23:37:05	176.7378	24.806	111670.5802
06-11-2014 23:38:05	176.9663	24.8619	111613.2089
06-11-2014 23:39:05	177.1951	24.9173	111555.9293
06-11-2014 23:40:05	177.4231	24.9721	111498.7444
06-11-2014 23:41:05	177.6526	25.0255	111441.7489
06-11-2014 23:42:05	177.8823	25.0793	111384.7454
06-11-2014 23:43:05	178.1112	25.1326	111327.8363
06-11-2014 23:44:05	178.3415	25.1855	111271.0174
06-11-2014 23:45:05	178.571	25.2378	111214.2927
06-11-2014 23:46:05	178.8019	25.2896	111157.6591

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
06-11-2014 23:47:05	179.0319	25.3419	111101.0195
06-11-2014 23:48:05	179.2634	25.3927	111044.5718
06-11-2014 23:49:05	179.4941	25.4429	110988.2179
06-11-2014 23:50:05	179.725	25.4926	110931.9569
06-11-2014 23:51:05	179.9573	25.5429	110875.6889
06-11-2014 23:52:05	180.1888	25.5916	110819.6144
06-11-2014 23:53:05	180.4206	25.6408	110763.5333
06-11-2014 23:54:05	180.6526	25.6885	110707.6455
06-11-2014 23:55:05	180.8861	25.7367	110651.7527
06-11-2014 23:56:05	181.1186	25.7833	110596.0525
06-11-2014 23:57:05	181.3515	25.8304	110540.3465
06-11-2014 23:58:05	181.5846	25.877	110484.7346
06-11-2014 23:59:05	181.818	25.9221	110429.3165
07-11-2014 00:00:05	182.0517	25.9677	110373.8931
07-11-2014 00:01:05	182.2856	26.0127	110318.5641
07-11-2014 00:02:05	182.5198	26.0572	110263.3298
07-11-2014 00:03:05	182.7543	26.1012	110208.1902
07-11-2014 00:04:05	182.989	26.1447	110153.1454
07-11-2014 00:05:05	183.2239	26.1876	110098.1956
07-11-2014 00:06:05	183.4591	26.23	110043.3409
07-11-2014 00:07:05	183.6946	26.2719	109988.5815
07-11-2014 00:08:05	183.9303	26.3133	109933.9174
07-11-2014 00:09:05	184.1663	26.3551	109879.2497
07-11-2014 00:10:05	184.4025	26.3954	109824.7768
07-11-2014 00:11:05	184.6378	26.4352	109770.3947
07-11-2014 00:12:05	184.8745	26.4754	109716.0141
07-11-2014 00:13:05	185.1114	26.5141	109661.8285
07-11-2014 00:14:05	185.3475	26.5534	109607.6345
07-11-2014 00:15:05	185.5849	26.591	109553.641
07-11-2014 00:16:05	185.8226	26.6291	109499.6451
07-11-2014 00:17:05	186.0592	26.6657	109445.838
07-11-2014 00:18:05	186.2974	26.7027	109392.035
07-11-2014 00:19:05	186.5346	26.7393	109338.3219
07-11-2014 00:20:05	186.7731	26.7752	109284.7124
07-11-2014 00:21:05	187.0108	26.8107	109231.1924
07-11-2014 00:22:05	187.2497	26.8446	109177.8753
07-11-2014 00:23:05	187.4878	26.879	109124.5489
07-11-2014 00:24:05	187.7272	26.9128	109071.3276
07-11-2014 00:25:05	187.9657	26.9461	109018.1953
07-11-2014 00:26:05	188.2045	26.98	108965.0618
07-11-2014 00:27:05	188.4445	27.0121	108912.1328

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 00:28:05	188.6836	27.0439	108859.2925
07-11-2014 00:29:05	188.9229	27.075	108806.5495
07-11-2014 00:30:05	189.1625	27.1067	108753.8059
07-11-2014 00:31:05	189.4022	27.1368	108701.2581
07-11-2014 00:32:05	189.6432	27.1663	108648.8183
07-11-2014 00:33:05	189.8834	27.1963	108596.3685
07-11-2014 00:34:05	190.1236	27.2248	108544.1145
07-11-2014 00:35:05	190.3642	27.2537	108491.8608
07-11-2014 00:36:05	190.6048	27.2811	108439.8031
07-11-2014 00:37:05	190.8457	27.309	108387.746
07-11-2014 00:38:05	191.0868	27.3363	108335.7873
07-11-2014 00:39:05	191.3281	27.3631	108283.9272
07-11-2014 00:40:05	191.5693	27.3883	108232.2634
07-11-2014 00:41:05	191.8109	27.414	108180.6006
07-11-2014 00:42:05	192.0516	27.4393	108129.0242
07-11-2014 00:43:05	192.2935	27.4639	108077.5591
07-11-2014 00:44:05	192.5356	27.4879	108026.193
07-11-2014 00:45:05	192.7778	27.5115	107974.9261
07-11-2014 00:46:05	193.0191	27.5346	107923.7449
07-11-2014 00:47:05	193.2616	27.557	107872.6763
07-11-2014 00:48:05	193.5045	27.5799	107821.6101
07-11-2014 00:49:05	193.7461	27.6014	107770.7263
07-11-2014 00:50:05	193.9891	27.6221	107719.956
07-11-2014 00:51:05	194.2322	27.6424	107669.2857
07-11-2014 00:52:05	194.4745	27.6632	107618.603
07-11-2014 00:53:05	194.7179	27.6824	107568.1321
07-11-2014 00:54:05	194.9605	27.7022	107517.6488
07-11-2014 00:55:05	195.203	27.7204	107467.3621
07-11-2014 00:56:05	195.4469	27.7389	107417.0942
07-11-2014 00:57:05	195.6899	27.7571	107366.9104
07-11-2014 00:58:05	195.9339	27.7735	107316.9397
07-11-2014 00:59:05	196.1771	27.7905	107266.9562
07-11-2014 01:00:05	196.4204	27.807	107217.0728
07-11-2014 01:01:05	196.6638	27.823	107167.2896
07-11-2014 01:02:05	196.9084	27.8383	107117.6241
07-11-2014 01:03:05	197.1521	27.8531	107068.0418
07-11-2014 01:04:05	197.3958	27.8675	107018.5599
07-11-2014 01:05:05	197.6397	27.8813	106969.1786
07-11-2014 01:06:05	197.8836	27.8945	106919.8979
07-11-2014 01:07:05	198.1276	27.9072	106870.7179
07-11-2014 01:08:05	198.3717	27.9194	106821.6386

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 01:09:05	198.616	27.931	106772.6602
07-11-2014 01:10:05	198.8605	27.9431	106723.6868
07-11-2014 01:11:05	199.1049	27.9537	106674.9105
07-11-2014 01:12:05	199.3496	27.9647	106626.1393
07-11-2014 01:13:05	199.5941	27.9741	106577.5652
07-11-2014 01:14:05	199.8376	27.9833	106529.0719
07-11-2014 01:15:05	200.0825	27.9927	106480.6045
07-11-2014 01:16:05	200.3276	28.0015	106432.2384
07-11-2014 01:17:05	200.5724	28.0088	106384.0695
07-11-2014 01:18:05	200.8164	28.0168	106335.8853
07-11-2014 01:19:05	201.0616	28.024	106287.8238
07-11-2014 01:20:05	201.3069	28.0307	106239.8641
07-11-2014 01:21:05	201.5508	28.0361	106192.0795
07-11-2014 01:22:05	201.7962	28.0417	106144.3232
07-11-2014 01:23:05	202.0405	28.047	106096.6464
07-11-2014 01:24:05	202.286	28.0515	106049.0938
07-11-2014 01:25:05	202.5304	28.0558	106001.6204
07-11-2014 01:26:05	202.7759	28.0592	105954.2718
07-11-2014 01:27:05	203.0207	28.0634	105906.9072
07-11-2014 01:28:05	203.2652	28.0661	105859.7393
07-11-2014 01:29:05	203.5109	28.0679	105812.6971
07-11-2014 01:30:05	203.7555	28.0695	105765.7331
07-11-2014 01:31:05	204.0004	28.0715	105718.7766
07-11-2014 01:32:05	204.245	28.0721	105672.0167
07-11-2014 01:33:05	204.4897	28.072	105625.359
07-11-2014 01:34:05	204.7358	28.0722	105578.734
07-11-2014 01:35:05	204.9805	28.0712	105532.2809
07-11-2014 01:36:05	205.2256	28.0706	105485.8357
07-11-2014 01:37:05	205.4706	28.0694	105439.4929
07-11-2014 01:38:05	205.7153	28.0668	105393.3469
07-11-2014 01:39:05	205.9604	28.0646	105347.2091
07-11-2014 01:40:05	206.2055	28.0619	105301.1739
07-11-2014 01:41:05	206.4505	28.0587	105255.2414
07-11-2014 01:42:05	206.6945	28.0552	105209.3846
07-11-2014 01:43:05	206.9395	28.0509	105163.6572
07-11-2014 01:44:05	207.1846	28.0461	105118.0327
07-11-2014 01:45:05	207.4297	28.0408	105072.511
07-11-2014 01:46:05	207.6736	28.0353	105027.0644
07-11-2014 01:47:05	207.9186	28.0289	104981.7483
07-11-2014 01:48:05	208.1637	28.022	104936.5351
07-11-2014 01:49:05	208.4075	28.0149	104891.3966

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 01:50:05	208.6529	28.008	104846.2958
07-11-2014 01:51:05	208.8967	27.9999	104801.3628
07-11-2014 01:52:05	209.1416	27.991	104756.5617
07-11-2014 01:53:05	209.3858	27.9828	104711.741
07-11-2014 01:54:05	209.6306	27.9728	104667.1461
07-11-2014 01:55:05	209.8747	27.9637	104622.5314
07-11-2014 01:56:05	210.1195	27.9527	104578.143
07-11-2014 01:57:05	210.3635	27.9425	104533.7346
07-11-2014 01:58:05	210.6075	27.9318	104489.4291
07-11-2014 01:59:05	210.851	27.9196	104445.3198
07-11-2014 02:00:05	211.096	27.9076	104401.2516
07-11-2014 02:01:05	211.3399	27.8953	104357.2557
07-11-2014 02:02:05	211.5836	27.8826	104313.3631
07-11-2014 02:03:05	211.8274	27.8694	104269.5738
07-11-2014 02:04:05	212.0711	27.8557	104225.8876
07-11-2014 02:05:05	212.3147	27.8415	104182.3049
07-11-2014 02:06:05	212.5582	27.8267	104138.8255
07-11-2014 02:07:05	212.8017	27.8115	104095.4494
07-11-2014 02:08:05	213.0452	27.7958	104052.1768
07-11-2014 02:09:05	213.2886	27.7796	104009.0075
07-11-2014 02:10:05	213.5308	27.7633	103965.9087
07-11-2014 02:11:05	213.7744	27.7471	103922.8539
07-11-2014 02:12:05	214.0175	27.7294	103879.9951
07-11-2014 02:13:05	214.2606	27.7112	103837.2398
07-11-2014 02:14:05	214.5029	27.6939	103794.4619
07-11-2014 02:15:05	214.7458	27.6748	103751.9136
07-11-2014 02:16:05	214.9891	27.6561	103709.377
07-11-2014 02:17:05	215.2308	27.6364	103667.0012
07-11-2014 02:18:05	215.4738	27.6167	103624.6719
07-11-2014 02:19:05	215.7157	27.597	103582.4112
07-11-2014 02:20:05	215.9582	27.5755	103540.3811
07-11-2014 02:21:05	216.1999	27.5548	103498.3274
07-11-2014 02:22:05	216.4415	27.5336	103456.3772
07-11-2014 02:23:05	216.6842	27.5116	103414.5664
07-11-2014 02:24:05	216.9256	27.4895	103372.8233
07-11-2014 02:25:05	217.1669	27.4669	103331.1837
07-11-2014 02:26:05	217.4081	27.4438	103289.6478
07-11-2014 02:27:05	217.6503	27.4199	103248.2521
07-11-2014 02:28:05	217.8914	27.3959	103206.9234
07-11-2014 02:29:05	218.1323	27.3715	103165.6982
07-11-2014 02:30:05	218.3731	27.3465	103124.5766

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 02:31:05	218.6142	27.3221	103083.4676
07-11-2014 02:32:05	218.8548	27.2963	103042.5533
07-11-2014 02:33:05	219.0952	27.27	103001.7427
07-11-2014 02:34:05	219.336	27.2442	102960.9447
07-11-2014 02:35:05	219.5762	27.2169	102920.3414
07-11-2014 02:36:05	219.8157	27.1906	102879.7123
07-11-2014 02:37:05	220.0557	27.1625	102839.3162
07-11-2014 02:38:05	220.2959	27.1349	102798.9331
07-11-2014 02:39:05	220.5357	27.1058	102758.7443
07-11-2014 02:40:05	220.7746	27.0777	102718.5293
07-11-2014 02:41:05	221.0145	27.0488	102678.4573
07-11-2014 02:42:05	221.2533	27.0197	102638.4493
07-11-2014 02:43:05	221.4924	26.9889	102598.6751
07-11-2014 02:44:05	221.7319	26.9586	102558.9144
07-11-2014 02:45:05	221.9703	26.9283	102519.217
07-11-2014 02:46:05	222.2084	26.8975	102479.623
07-11-2014 02:47:05	222.4475	26.8659	102440.1734
07-11-2014 02:48:05	222.6854	26.8343	102400.7865
07-11-2014 02:49:05	222.9232	26.8022	102361.503
07-11-2014 02:50:05	223.1618	26.7693	102322.3645
07-11-2014 02:51:05	223.3998	26.7373	102283.1982
07-11-2014 02:52:05	223.6371	26.704	102244.2254
07-11-2014 02:53:05	223.8742	26.6702	102205.3559
07-11-2014 02:54:05	224.1113	26.636	102166.59
07-11-2014 02:55:05	224.3486	26.6023	102127.8378
07-11-2014 02:56:05	224.5853	26.5673	102089.2787
07-11-2014 02:57:05	224.8223	26.5327	102050.7335
07-11-2014 02:58:05	225.0587	26.4969	102012.3814
07-11-2014 02:59:05	225.2955	26.4615	101974.0432
07-11-2014 03:00:05	225.5315	26.4248	101935.8979
07-11-2014 03:01:05	225.7679	26.3886	101897.7668
07-11-2014 03:02:05	226.0032	26.3525	101859.6953
07-11-2014 03:03:05	226.2387	26.3145	101821.8602
07-11-2014 03:04:05	226.4747	26.2771	101784.0393
07-11-2014 03:05:05	226.7094	26.2398	101746.2775
07-11-2014 03:06:05	226.945	26.2015	101708.6634
07-11-2014 03:07:05	227.1794	26.1634	101671.108
07-11-2014 03:08:05	227.4146	26.1244	101633.7006
07-11-2014 03:09:05	227.6487	26.0854	101596.3515
07-11-2014 03:10:05	227.8836	26.0456	101559.1508
07-11-2014 03:11:05	228.1173	26.0059	101522.008

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 03:12:05	228.3508	25.9657	101484.9683
07-11-2014 03:13:05	228.5852	25.9248	101448.0773
07-11-2014 03:14:05	228.8189	25.8848	101411.1552
07-11-2014 03:15:05	229.0519	25.8435	101374.4247
07-11-2014 03:16:05	229.2848	25.8018	101337.7972
07-11-2014 03:17:05	229.518	25.7607	101301.1842
07-11-2014 03:18:05	229.7504	25.7183	101264.7626
07-11-2014 03:19:05	229.9827	25.6755	101228.4439
07-11-2014 03:20:05	230.2154	25.6332	101192.1399
07-11-2014 03:21:05	230.4473	25.5897	101156.0271
07-11-2014 03:22:05	230.6796	25.5466	101119.9289
07-11-2014 03:23:05	230.9117	25.5033	101083.9337
07-11-2014 03:24:05	231.143	25.4586	101048.1295
07-11-2014 03:25:05	231.3738	25.415	101012.2922
07-11-2014 03:26:05	231.6053	25.3705	100976.6055
07-11-2014 03:27:05	231.8367	25.3257	100941.0217
07-11-2014 03:28:05	232.0668	25.281	100905.4922
07-11-2014 03:29:05	232.2973	25.2345	100870.2016
07-11-2014 03:30:05	232.527	25.1891	100834.8772
07-11-2014 03:31:05	232.7576	25.1428	100799.7042
07-11-2014 03:32:05	232.987	25.0967	100764.5848
07-11-2014 03:33:05	233.2172	25.0498	100729.617
07-11-2014 03:34:05	233.4468	25.0039	100694.6149
07-11-2014 03:35:05	233.6757	24.9567	100659.8027
07-11-2014 03:36:05	233.9043	24.9092	100625.0928
07-11-2014 03:37:05	234.1337	24.8609	100590.5351
07-11-2014 03:38:05	234.3625	24.8136	100555.9426
07-11-2014 03:39:05	234.5906	24.7651	100521.5396
07-11-2014 03:40:05	234.8185	24.7162	100487.2388
07-11-2014 03:41:05	235.0467	24.668	100452.9529
07-11-2014 03:42:05	235.2741	24.6184	100418.8565
07-11-2014 03:43:05	235.502	24.5695	100384.7749
07-11-2014 03:44:05	235.729	24.5193	100350.8826
07-11-2014 03:45:05	235.9555	24.4703	100316.9541
07-11-2014 03:46:05	236.1822	24.4195	100283.2657
07-11-2014 03:47:05	236.4092	24.3692	100249.5923
07-11-2014 03:48:05	236.636	24.3187	100216.021
07-11-2014 03:49:05	236.8617	24.2683	100182.4997
07-11-2014 03:50:05	237.0876	24.2163	100149.2189
07-11-2014 03:51:05	237.3129	24.1653	100115.901
07-11-2014 03:52:05	237.5389	24.1135	100082.737

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 03:53:05	237.7638	24.0619	100049.6223
07-11-2014 03:54:05	237.9894	24.0095	100016.6618
07-11-2014 03:55:05	238.2139	23.9573	99983.7502
07-11-2014 03:56:05	238.4381	23.9048	99950.94
07-11-2014 03:57:05	238.6622	23.852	99918.2313
07-11-2014 03:58:05	238.887	23.7983	99885.677
07-11-2014 03:59:05	239.1107	23.745	99853.171
07-11-2014 04:00:05	239.3347	23.6921	99820.68
07-11-2014 04:01:05	239.558	23.6382	99788.3765
07-11-2014 04:02:05	239.781	23.5839	99756.1742
07-11-2014 04:03:05	240.0039	23.5294	99724.073
07-11-2014 04:04:05	240.2271	23.4754	99691.9868
07-11-2014 04:05:05	240.4495	23.4203	99660.0878
07-11-2014 04:06:05	240.6714	23.3663	99628.1494
07-11-2014 04:07:05	240.8935	23.3107	99596.4523
07-11-2014 04:08:05	241.1159	23.2556	99564.7702
07-11-2014 04:09:05	241.3375	23.1994	99533.2749
07-11-2014 04:10:05	241.5586	23.1443	99501.7397
07-11-2014 04:11:05	241.7804	23.0884	99470.36
07-11-2014 04:12:05	242.0005	23.0319	99439.1119
07-11-2014 04:13:05	242.2219	22.9755	99407.9337
07-11-2014 04:14:05	242.4421	22.9194	99376.8008
07-11-2014 04:15:05	242.6622	22.8629	99345.7683
07-11-2014 04:16:05	242.883	22.8057	99314.8919
07-11-2014 04:17:05	243.102	22.748	99284.1458
07-11-2014 04:18:05	243.3214	22.6908	99253.4143
07-11-2014 04:19:05	243.5407	22.6334	99222.7831
07-11-2014 04:20:05	243.7597	22.5757	99192.252
07-11-2014 04:21:05	243.9786	22.5178	99161.8211
07-11-2014 04:22:05	244.1972	22.4596	99131.4902
07-11-2014 04:23:05	244.4162	22.402	99101.1739
07-11-2014 04:24:05	244.6345	22.3434	99071.0431
07-11-2014 04:25:05	244.8525	22.2845	99041.0121
07-11-2014 04:26:05	245.0703	22.2254	99011.0811
07-11-2014 04:27:05	245.2879	22.166	98981.2499
07-11-2014 04:28:05	245.505	22.1078	98951.3759
07-11-2014 04:29:05	245.7223	22.048	98921.744
07-11-2014 04:30:05	245.939	21.9893	98892.0692
07-11-2014 04:31:05	246.1558	21.929	98862.6365
07-11-2014 04:32:05	246.3715	21.8691	98833.2456
07-11-2014 04:33:05	246.5885	21.8092	98803.9268

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 04:34:05	246.8044	21.7496	98774.6495
07-11-2014 04:35:05	247.0204	21.6884	98745.6146
07-11-2014 04:36:05	247.2359	21.6285	98716.5357
07-11-2014 04:37:05	247.4506	21.5674	98687.641
07-11-2014 04:38:05	247.6657	21.507	98658.7603
07-11-2014 04:39:05	247.8806	21.4464	98629.9786
07-11-2014 04:40:05	248.0953	21.3856	98601.2958
07-11-2014 04:41:05	248.3092	21.3237	98572.7967
07-11-2014 04:42:05	248.5235	21.2624	98544.3116
07-11-2014 04:43:05	248.7377	21.201	98515.9253
07-11-2014 04:44:05	248.9516	21.1394	98487.6377
07-11-2014 04:45:05	249.1653	21.0775	98459.4487
07-11-2014 04:46:05	249.3788	21.0155	98431.3584
07-11-2014 04:47:05	249.5913	20.9538	98403.3071
07-11-2014 04:48:05	249.8044	20.8914	98375.4136
07-11-2014 04:49:05	250.0164	20.8294	98347.5589
07-11-2014 04:50:05	250.2292	20.7666	98319.8621
07-11-2014 04:51:05	250.4408	20.7041	98292.2037
07-11-2014 04:52:05	250.6538	20.6418	98264.6188
07-11-2014 04:53:05	250.8651	20.579	98237.1565
07-11-2014 04:54:05	251.0762	20.5161	98209.7921
07-11-2014 04:55:05	251.2879	20.4524	98182.5859
07-11-2014 04:56:05	251.4993	20.3899	98155.3329
07-11-2014 04:57:05	251.7098	20.3264	98128.262
07-11-2014 04:58:05	251.9201	20.2628	98101.2887
07-11-2014 04:59:05	252.1308	20.1998	98074.3287
07-11-2014 05:00:05	252.3408	20.1358	98047.5507
07-11-2014 05:01:05	252.5511	20.0725	98020.7858
07-11-2014 05:02:05	252.7607	20.0081	97994.2026
07-11-2014 05:03:05	252.9698	19.9451	97967.5715
07-11-2014 05:04:05	253.1796	19.8813	97941.0986
07-11-2014 05:05:05	253.3886	19.8165	97914.8073
07-11-2014 05:06:05	253.5972	19.753	97888.4675
07-11-2014 05:07:05	253.8064	19.6887	97862.2862
07-11-2014 05:08:05	254.014	19.624	97836.2245
07-11-2014 05:09:05	254.2228	19.5594	97810.2371
07-11-2014 05:10:05	254.4307	19.4953	97784.285
07-11-2014 05:11:05	254.6392	19.4304	97758.4913
07-11-2014 05:12:05	254.8466	19.366	97732.7325
07-11-2014 05:13:05	255.0539	19.3015	97707.0704
07-11-2014 05:14:05	255.261	19.2368	97681.5047

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 05:15:05	255.4672	19.1711	97656.1194
07-11-2014 05:16:05	255.674	19.1061	97630.7465
07-11-2014 05:17:05	255.8812	19.0418	97605.386
07-11-2014 05:18:05	256.0875	18.9766	97580.2056
07-11-2014 05:19:05	256.2937	18.9112	97555.1214
07-11-2014 05:20:05	256.4997	18.8457	97530.1333
07-11-2014 05:21:05	256.7056	18.7801	97505.2412
07-11-2014 05:22:05	256.9104	18.715	97480.3824
07-11-2014 05:23:05	257.1158	18.6491	97455.6821
07-11-2014 05:24:05	257.3209	18.5845	97430.931
07-11-2014 05:25:05	257.5261	18.5184	97406.4222
07-11-2014 05:26:05	257.7302	18.4528	97381.9461
07-11-2014 05:27:05	257.9349	18.3865	97357.6285
07-11-2014 05:28:05	258.1393	18.3214	97333.2596
07-11-2014 05:29:05	258.3429	18.2555	97309.0698
07-11-2014 05:30:05	258.547	18.1903	97284.8915
07-11-2014 05:31:05	258.7511	18.1235	97260.9555
07-11-2014 05:32:05	258.9548	18.058	97236.9676
07-11-2014 05:33:05	259.1577	17.9916	97213.1585
07-11-2014 05:34:05	259.361	17.926	97189.3607
07-11-2014 05:35:05	259.5636	17.8594	97165.7415
07-11-2014 05:36:05	259.7658	17.7942	97142.0698
07-11-2014 05:37:05	259.968	17.7274	97118.6402
07-11-2014 05:38:05	260.1707	17.6614	97095.2216
07-11-2014 05:39:05	260.3733	17.5952	97071.8977
07-11-2014 05:40:05	260.5748	17.5296	97048.6044
07-11-2014 05:41:05	260.7764	17.4625	97025.5532
07-11-2014 05:42:05	260.9776	17.3967	97002.4487
07-11-2014 05:43:05	261.1795	17.3302	96979.5025
07-11-2014 05:44:05	261.3804	17.2642	96956.5864
07-11-2014 05:45:05	261.5811	17.1982	96933.7645
07-11-2014 05:46:05	261.781	17.1313	96911.1202
07-11-2014 05:47:05	261.9823	17.0645	96888.5505
07-11-2014 05:48:05	262.1825	16.9982	96866.0105
07-11-2014 05:49:05	262.3826	16.9319	96843.5643
07-11-2014 05:50:05	262.5825	16.8655	96821.2118
07-11-2014 05:51:05	262.7815	16.7996	96798.8885
07-11-2014 05:52:05	262.9811	16.7331	96776.7232
07-11-2014 05:53:05	263.1806	16.6665	96754.6514
07-11-2014 05:54:05	263.3799	16.5998	96732.6731
07-11-2014 05:55:05	263.5782	16.5337	96710.7235

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 05:56:05	263.7779	16.4677	96688.8482
07-11-2014 05:57:05	263.9768	16.4008	96667.1498
07-11-2014 05:58:05	264.1746	16.3346	96645.4796
07-11-2014 05:59:05	264.3724	16.2682	96623.9025
07-11-2014 06:00:05	264.5708	16.2012	96602.4831
07-11-2014 06:01:05	264.7689	16.1355	96581.0082
07-11-2014 06:02:05	264.9661	16.0691	96559.7096
07-11-2014 06:03:05	265.1633	16.0025	96538.5037
07-11-2014 06:04:05	265.3609	15.9367	96517.3069
07-11-2014 06:05:05	265.5578	15.8701	96496.2861
07-11-2014 06:06:05	265.7545	15.8034	96475.3578
07-11-2014 06:07:05	265.9517	15.7375	96454.4384
07-11-2014 06:08:05	266.1481	15.6707	96433.6949
07-11-2014 06:09:05	266.345	15.6048	96412.96
07-11-2014 06:10:05	266.5403	15.5386	96392.3356
07-11-2014 06:11:05	266.737	15.4725	96371.7849
07-11-2014 06:12:05	266.932	15.4062	96351.3445
07-11-2014 06:13:05	267.1284	15.3401	96330.9778
07-11-2014 06:14:05	267.3231	15.2738	96310.7211
07-11-2014 06:15:05	267.5192	15.2076	96290.5381
07-11-2014 06:16:05	267.7137	15.1412	96270.4648
07-11-2014 06:17:05	267.9087	15.0756	96250.3995
07-11-2014 06:18:05	268.1035	15.01	96230.4258
07-11-2014 06:19:05	268.2976	14.9436	96210.627
07-11-2014 06:20:05	268.4922	14.8779	96190.836
07-11-2014 06:21:05	268.6866	14.8122	96171.1363
07-11-2014 06:22:05	268.8803	14.7457	96151.6115
07-11-2014 06:23:05	269.0745	14.68	96132.0941
07-11-2014 06:24:05	269.2686	14.6143	96112.6678
07-11-2014 06:25:05	269.4617	14.5492	96093.2668
07-11-2014 06:26:05	269.6548	14.4827	96074.106
07-11-2014 06:27:05	269.8477	14.4176	96054.8866
07-11-2014 06:28:05	270.0412	14.3518	96035.8237
07-11-2014 06:29:05	270.2338	14.2867	96016.7857
07-11-2014 06:30:05	270.4271	14.2209	95997.9041
07-11-2014 06:31:05	270.6195	14.1558	95979.0471
07-11-2014 06:32:05	270.8117	14.0907	95960.2806
07-11-2014 06:33:05	271.0038	14.0256	95941.6044
07-11-2014 06:34:05	271.1958	13.9605	95923.0184
07-11-2014 06:35:05	271.3877	13.8954	95904.5226
07-11-2014 06:36:05	271.5794	13.8303	95886.117

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 06:37:05	271.771	13.7652	95867.8014
07-11-2014 06:38:05	271.9617	13.7007	95849.5098
07-11-2014 06:39:05	272.1531	13.6357	95831.374
07-11-2014 06:40:05	272.3444	13.5706	95813.328
07-11-2014 06:41:05	272.5347	13.5062	95795.3058
07-11-2014 06:42:05	272.7257	13.4412	95777.4392
07-11-2014 06:43:05	272.9158	13.3768	95759.5962
07-11-2014 06:44:05	273.1058	13.3125	95741.8427
07-11-2014 06:45:05	273.2965	13.2475	95724.2446
07-11-2014 06:46:05	273.4862	13.1832	95706.6698
07-11-2014 06:47:05	273.6765	13.1197	95689.1004
07-11-2014 06:48:05	273.8661	13.0555	95671.7041
07-11-2014 06:49:05	274.0555	12.9913	95654.3969
07-11-2014 06:50:05	274.2448	12.9271	95637.1787
07-11-2014 06:51:05	274.434	12.8629	95620.0496
07-11-2014 06:52:05	274.6229	12.8002	95602.8592
07-11-2014 06:53:05	274.8119	12.7361	95585.9078
07-11-2014 06:54:05	275.0008	12.6721	95569.045
07-11-2014 06:55:05	275.1887	12.6087	95552.2049
07-11-2014 06:56:05	275.378	12.5455	95535.4353
07-11-2014 06:57:05	275.5658	12.4822	95518.7723
07-11-2014 06:58:05	275.7534	12.4189	95502.1978
07-11-2014 06:59:05	275.9424	12.3559	95485.6935
07-11-2014 07:00:05	276.1298	12.2927	95469.2956
07-11-2014 07:01:05	276.3172	12.2296	95452.9859
07-11-2014 07:02:05	276.5051	12.1673	95436.6802
07-11-2014 07:03:05	276.6922	12.1043	95420.5468
07-11-2014 07:04:05	276.8798	12.0421	95404.4171
07-11-2014 07:05:05	277.066	11.9798	95388.3936
07-11-2014 07:06:05	277.2528	11.9169	95372.5239
07-11-2014 07:07:05	277.4402	11.8549	95356.6577
07-11-2014 07:08:05	277.626	11.7927	95340.8976
07-11-2014 07:09:05	277.8132	11.7308	95325.2067
07-11-2014 07:10:05	277.9988	11.6688	95309.6218
07-11-2014 07:11:05	278.185	11.6076	95294.04
07-11-2014 07:12:05	278.3712	11.5451	95278.6959
07-11-2014 07:13:05	278.5565	11.4833	95263.3733
07-11-2014 07:14:05	278.7424	11.4223	95248.0535
07-11-2014 07:15:05	278.9276	11.3606	95232.9054
07-11-2014 07:16:05	279.1133	11.2998	95217.7599
07-11-2014 07:17:05	279.2989	11.239	95202.7014

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 07:18:05	279.4838	11.1776	95187.8145
07-11-2014 07:19:05	279.6684	11.1175	95172.8641
07-11-2014 07:20:05	279.8531	11.0562	95158.151
07-11-2014 07:21:05	280.0383	10.9957	95143.4399
07-11-2014 07:22:05	280.222	10.9352	95128.8346
07-11-2014 07:23:05	280.4063	10.8755	95114.2313
07-11-2014 07:24:05	280.5906	10.8144	95099.8648
07-11-2014 07:25:05	280.7747	10.7549	95085.4345
07-11-2014 07:26:05	280.9581	10.6947	95071.1754
07-11-2014 07:27:05	281.142	10.6353	95056.9178
07-11-2014 07:28:05	281.3259	10.576	95042.7465
07-11-2014 07:29:05	281.509	10.516	95028.7464
07-11-2014 07:30:05	281.6926	10.4569	95014.7474
07-11-2014 07:31:05	281.8755	10.3971	95000.9196
07-11-2014 07:32:05	282.0582	10.3388	94987.0273
07-11-2014 07:33:05	282.2416	10.2799	94973.2863
07-11-2014 07:34:05	282.4243	10.2204	94959.7163
07-11-2014 07:35:05	282.6068	10.1623	94946.0817
07-11-2014 07:36:05	282.7891	10.1044	94932.5329
07-11-2014 07:37:05	282.9716	10.0451	94919.2201
07-11-2014 07:38:05	283.1538	9.9874	94905.8426
07-11-2014 07:39:05	283.3352	9.929	94892.6358
07-11-2014 07:40:05	283.5173	9.8714	94879.4293
07-11-2014 07:41:05	283.6993	9.814	94866.3082
07-11-2014 07:42:05	283.8805	9.7558	94853.3578
07-11-2014 07:43:05	284.0623	9.6986	94840.4073
07-11-2014 07:44:05	284.2433	9.642	94827.4771
07-11-2014 07:45:05	284.4243	9.5842	94814.7824
07-11-2014 07:46:05	284.6058	9.5273	94802.0873
07-11-2014 07:47:05	284.7865	9.4711	94789.4124
07-11-2014 07:48:05	284.9665	9.4142	94776.9081
07-11-2014 07:49:05	285.1479	9.3576	94764.4678
07-11-2014 07:50:05	285.3284	9.3018	94752.0476
07-11-2014 07:51:05	285.5081	9.2452	94739.798
07-11-2014 07:52:05	285.6885	9.1896	94727.5473
07-11-2014 07:53:05	285.8687	9.1341	94715.3813
07-11-2014 07:54:05	286.0483	9.0779	94703.3857
07-11-2014 07:55:05	286.2284	9.0226	94691.3887
07-11-2014 07:56:05	286.4078	8.9666	94679.5622
07-11-2014 07:57:05	286.587	8.9122	94667.6697
07-11-2014 07:58:05	286.7669	8.8573	94655.9259

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 07:59:05	286.9453	8.8023	94644.2882
07-11-2014 08:00:05	287.125	8.7476	94632.7129
07-11-2014 08:01:05	287.3039	8.6937	94621.1575
07-11-2014 08:02:05	287.4821	8.6391	94609.7725
07-11-2014 08:03:05	287.6609	8.5854	94598.3853
07-11-2014 08:04:05	287.8396	8.5318	94587.0821
07-11-2014 08:05:05	288.0176	8.4776	94575.9492
07-11-2014 08:06:05	288.1961	8.4243	94564.8137
07-11-2014 08:07:05	288.374	8.3703	94553.8485
07-11-2014 08:08:05	288.5524	8.3173	94542.8806
07-11-2014 08:09:05	288.73	8.265	94531.9327
07-11-2014 08:10:05	288.9076	8.2114	94521.2186
07-11-2014 08:11:05	289.085	8.1594	94510.438
07-11-2014 08:12:05	289.2618	8.1067	94499.8275
07-11-2014 08:13:05	289.4399	8.0544	94489.2774
07-11-2014 08:14:05	289.6165	8.002	94478.8339
07-11-2014 08:15:05	289.7936	7.9505	94468.387
07-11-2014 08:16:05	289.9708	7.8992	94458.0235
07-11-2014 08:17:05	290.1472	7.8472	94447.83
07-11-2014 08:18:05	290.3241	7.7962	94437.6329
07-11-2014 08:19:05	290.5004	7.7445	94427.6058
07-11-2014 08:20:05	290.6765	7.6943	94417.5118
07-11-2014 08:21:05	290.8527	7.6429	94407.6509
07-11-2014 08:22:05	291.0286	7.5931	94397.723
07-11-2014 08:23:05	291.2047	7.542	94388.0279
07-11-2014 08:24:05	291.3805	7.4924	94378.2658
07-11-2014 08:25:05	291.5556	7.4422	94368.6738
07-11-2014 08:26:05	291.7313	7.3929	94359.0773
07-11-2014 08:27:05	291.9064	7.343	94349.6509
07-11-2014 08:28:05	292.0819	7.2941	94340.2197
07-11-2014 08:29:05	292.2568	7.2445	94330.9586
07-11-2014 08:30:05	292.4316	7.1951	94321.7801
07-11-2014 08:31:05	292.6063	7.1472	94312.5343
07-11-2014 08:32:05	292.781	7.098	94303.5207
07-11-2014 08:33:05	292.9562	7.0499	94294.5019
07-11-2014 08:34:05	293.1301	7.0017	94285.5911
07-11-2014 08:35:05	293.3039	6.9536	94276.7626
07-11-2014 08:36:05	293.4782	6.9065	94267.9287
07-11-2014 08:37:05	293.6526	6.8582	94259.3266
07-11-2014 08:38:05	293.8262	6.8106	94250.7449
07-11-2014 08:39:05	294.0003	6.764	94242.1574

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 08:40:05	294.173	6.7174	94233.6783
07-11-2014 08:41:05	294.3464	6.6703	94225.3429
07-11-2014 08:42:05	294.5198	6.6234	94217.0895
07-11-2014 08:43:05	294.6929	6.578	94208.7685
07-11-2014 08:44:05	294.8662	6.5315	94200.6788
07-11-2014 08:45:05	295.0386	6.4856	94192.6098
07-11-2014 08:46:05	295.2117	6.4394	94184.6838
07-11-2014 08:47:05	295.3846	6.3947	94176.69
07-11-2014 08:48:05	295.5569	6.3494	94168.8663
07-11-2014 08:49:05	295.729	6.3043	94161.1243
07-11-2014 08:50:05	295.9012	6.2593	94153.4639
07-11-2014 08:51:05	296.0732	6.2145	94145.8851
07-11-2014 08:52:05	296.2445	6.1705	94138.3272
07-11-2014 08:53:05	296.4165	6.126	94130.9115
07-11-2014 08:54:05	296.5876	6.0823	94123.5167
07-11-2014 08:55:05	296.7594	6.0383	94116.2637
07-11-2014 08:56:05	296.9305	5.9949	94109.0318
07-11-2014 08:57:05	297.1022	5.9512	94101.9414
07-11-2014 08:58:05	297.2731	5.9083	94094.8721
07-11-2014 08:59:05	297.444	5.8655	94087.884
07-11-2014 09:00:05	297.6148	5.8229	94080.9771
07-11-2014 09:01:05	297.7855	5.7804	94074.1513
07-11-2014 09:02:05	297.9555	5.7387	94067.3469
07-11-2014 09:03:05	298.1261	5.6967	94060.6833
07-11-2014 09:04:05	298.2967	5.6548	94054.1007
07-11-2014 09:05:05	298.4665	5.6137	94047.5395
07-11-2014 09:06:05	298.6369	5.5722	94041.1187
07-11-2014 09:07:05	298.806	5.5306	94034.8089
07-11-2014 09:08:05	298.9756	5.4901	94028.4906
07-11-2014 09:09:05	299.1452	5.4497	94022.253
07-11-2014 09:10:05	299.3147	5.4095	94016.0963
07-11-2014 09:11:05	299.4835	5.3687	94010.1101
07-11-2014 09:12:05	299.6529	5.3289	94004.1147
07-11-2014 09:13:05	299.8222	5.2893	93998.2
07-11-2014 09:14:05	299.9902	5.2496	93992.3972
07-11-2014 09:15:05	300.1594	5.2104	93986.6437
07-11-2014 09:16:05	300.3278	5.1719	93980.9122
07-11-2014 09:17:05	300.4956	5.1328	93975.3513
07-11-2014 09:18:05	300.6646	5.0942	93969.8391
07-11-2014 09:19:05	300.8323	5.0554	93964.4393
07-11-2014 09:20:05	301.0005	5.0177	93959.0297

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 09:21:05	301.168	4.9794	93953.7908
07-11-2014 09:22:05	301.3355	4.9413	93948.6323
07-11-2014 09:23:05	301.5028	4.9047	93943.4059
07-11-2014 09:24:05	301.6702	4.867	93938.408
07-11-2014 09:25:05	301.8373	4.8308	93933.3422
07-11-2014 09:26:05	302.0046	4.7935	93928.5047
07-11-2014 09:27:05	302.1711	4.7569	93923.69
07-11-2014 09:28:05	302.3375	4.7206	93918.9556
07-11-2014 09:29:05	302.5045	4.6852	93914.2105
07-11-2014 09:30:05	302.6715	4.6487	93909.6933
07-11-2014 09:31:05	302.837	4.6134	93905.1422
07-11-2014 09:32:05	303.0032	4.5779	93900.7282
07-11-2014 09:33:05	303.1694	4.5425	93896.3941
07-11-2014 09:34:05	303.3355	4.5074	93892.1399
07-11-2014 09:35:05	303.5008	4.4729	93887.9091
07-11-2014 09:36:05	303.6667	4.4382	93883.8146
07-11-2014 09:37:05	303.8319	4.4042	93879.7436
07-11-2014 09:38:05	303.997	4.3704	93875.7526
07-11-2014 09:39:05	304.1621	4.3368	93871.8413
07-11-2014 09:40:05	304.3271	4.3034	93868.0099
07-11-2014 09:41:05	304.4921	4.2702	93864.2581
07-11-2014 09:42:05	304.657	4.2373	93860.5861
07-11-2014 09:43:05	304.8213	4.2037	93857.0854
07-11-2014 09:44:05	304.9853	4.1716	93853.5171
07-11-2014 09:45:05	305.1501	4.1393	93850.0839
07-11-2014 09:46:05	305.314	4.1077	93846.6748
07-11-2014 09:47:05	305.4773	4.0755	93843.4375
07-11-2014 09:48:05	305.6411	4.0443	93840.1876
07-11-2014 09:49:05	305.8051	4.012	93837.1645
07-11-2014 09:50:05	305.968	3.9817	93834.0187
07-11-2014 09:51:05	306.1311	3.9504	93831.0997
07-11-2014 09:52:05	306.2947	3.9201	93828.1677
07-11-2014 09:53:05	306.4577	3.8891	93825.4074
07-11-2014 09:54:05	306.6204	3.8597	93822.5796
07-11-2014 09:55:05	306.7833	3.8292	93819.978
07-11-2014 09:56:05	306.9454	3.7994	93817.4016
07-11-2014 09:57:05	307.108	3.7707	93814.8118
07-11-2014 09:58:05	307.2699	3.7413	93812.3941
07-11-2014 09:59:05	307.4318	3.7122	93810.0557
07-11-2014 10:00:05	307.5937	3.6833	93807.7966
07-11-2014 10:01:05	307.7554	3.6546	93805.6166

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 10:02:05	307.9172	3.6261	93803.5159
07-11-2014 10:03:05	308.0781	3.5984	93801.4408
07-11-2014 10:04:05	308.2397	3.5703	93799.4983
07-11-2014 10:05:05	308.4005	3.543	93797.5817
07-11-2014 10:06:05	308.562	3.5154	93795.7972
07-11-2014 10:07:05	308.7227	3.4885	93794.0388
07-11-2014 10:08:05	308.8834	3.4619	93792.3594
07-11-2014 10:09:05	309.0439	3.4354	93790.759
07-11-2014 10:10:05	309.2039	3.4084	93789.3312
07-11-2014 10:11:05	309.3636	3.3828	93787.8364
07-11-2014 10:12:05	309.524	3.3571	93786.4729
07-11-2014 10:13:05	309.6839	3.3307	93785.2821
07-11-2014 10:14:05	309.8434	3.3059	93784.0242
07-11-2014 10:15:05	310.0023	3.2804	93782.9392
07-11-2014 10:16:05	310.1618	3.256	93781.8392
07-11-2014 10:17:05	310.3213	3.2305	93780.9637
07-11-2014 10:18:05	310.4801	3.2057	93780.1154
07-11-2014 10:19:05	310.6386	3.1825	93779.2003
07-11-2014 10:20:05	310.7973	3.1581	93778.5098
07-11-2014 10:21:05	310.9559	3.134	93777.8979
07-11-2014 10:22:05	311.1136	3.1106	93777.3137
07-11-2014 10:23:05	311.2727	3.0878	93776.7649
07-11-2014 10:24:05	311.4303	3.0649	93776.3382
07-11-2014 10:25:05	311.5879	3.0421	93775.9904
07-11-2014 10:26:05	311.7455	3.0196	93775.7213
07-11-2014 10:27:05	311.903	2.9973	93775.5308
07-11-2014 10:28:05	312.0604	2.9753	93775419
07-11-2014 10:29:05	312.2172	2.9526	93775.4807
07-11-2014 10:30:05	312.3745	2.931	93775.5261
07-11-2014 10:31:05	312.531	2.9101	93775.6
07-11-2014 10:32:05	312.6882	2.889	93775.8024
07-11-2014 10:33:05	312.8441	2.8677	93776.1286
07-11-2014 10:34:05	313.0004	2.8474	93776.4384
07-11-2014 10:35:05	313.1561	2.8266	93776.9219
07-11-2014 10:36:05	313.3123	2.8068	93777.3887
07-11-2014 10:37:05	313.4679	2.7864	93778.0293
07-11-2014 10:38:05	313.624	2.7672	93778.6529
07-11-2014 10:39:05	313.7794	2.7472	93779.4504
07-11-2014 10:40:05	313.9341	2.728	93780.2775
07-11-2014 10:41:05	314.0895	2.7085	93781.2319
07-11-2014 10:42:05	314.2445	2.6906	93782.1203

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 10:43:05	314.399	2.672	93783.1828
07-11-2014 10:44:05	314.5534	2.6537	93784.3238
07-11-2014 10:45:05	314.7078	2.6356	93785.5432
07-11-2014 10:46:05	314.8621	2.6177	93786.8409
07-11-2014 10:47:05	315.0163	2.6001	93788.2169
07-11-2014 10:48:05	315.17	2.5819	93789.7674
07-11-2014 10:49:05	315.3233	2.5651	93791.2522
07-11-2014 10:50:05	315.4774	2.5482	93792.863
07-11-2014 10:51:05	315.6306	2.5319	93794.5045
07-11-2014 10:52:05	315.7833	2.515	93796.3207
07-11-2014 10:53:05	315.9364	2.4992	93798.1188
07-11-2014 10:54:05	316.0889	2.4828	93800.0916
07-11-2014 10:55:05	316.2418	2.4674	93802.0461
07-11-2014 10:56:05	316.3942	2.4515	93804.1754
07-11-2014 10:57:05	316.5458	2.4362	93806.3362
07-11-2014 10:58:05	316.6986	2.4215	93808.525
07-11-2014 10:59:05	316.85	2.4067	93810.8424
07-11-2014 11:00:05	317.0022	2.3916	93813.2843
07-11-2014 11:01:05	317.1535	2.3773	93815.758
07-11-2014 11:02:05	317.3047	2.3631	93818.3099
07-11-2014 11:03:05	317.4559	2.3492	93820.9399
07-11-2014 11:04:05	317.6063	2.3359	93823.6022
07-11-2014 11:05:05	317.7573	2.3225	93826.3885
07-11-2014 11:06:05	317.9078	2.3084	93829.3501
07-11-2014 11:07:05	318.058	2.2958	93832.247
07-11-2014 11:08:05	318.2088	2.2831	93835.2673
07-11-2014 11:09:05	318.3584	2.2701	93838.4178
07-11-2014 11:10:05	318.5084	2.2582	93841.5489
07-11-2014 11:11:05	318.6578	2.2457	93844.8557
07-11-2014 11:12:05	318.8071	2.2334	93848.2406
07-11-2014 11:13:05	318.9568	2.2223	93851.6056
07-11-2014 11:14:05	319.1053	2.2109	93855.1019
07-11-2014 11:15:05	319.2544	2.1993	93858.7207
07-11-2014 11:16:05	319.4027	2.1883	93862.3733
07-11-2014 11:17:05	319.5517	2.1772	93866.1479
07-11-2014 11:18:05	319.6999	2.1668	93869.9564
07-11-2014 11:19:05	319.848	2.1565	93873.8429
07-11-2014 11:20:05	319.996	2.1465	93877.8072
07-11-2014 11:21:05	320.144	2.1367	93881.8495
07-11-2014 11:22:05	320.2907	2.1267	93886.0247
07-11-2014 11:23:05	320.4385	2.1174	93890.2227

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 11:24:05	320.5862	2.1083	93894.4985
07-11-2014 11:25:05	320.7327	2.099	93898.9076
07-11-2014 11:26:05	320.8796	2.0908	93903.296
07-11-2014 11:27:05	321.0259	2.0819	93907.861
07-11-2014 11:28:05	321.1721	2.0732	93912.504
07-11-2014 11:29:05	321.3183	2.0648	93917.2248
07-11-2014 11:30:05	321.4648	2.0576	93921.9244
07-11-2014 11:31:05	321.6109	2.0496	93926.8007
07-11-2014 11:32:05	321.7561	2.0423	93931.7126
07-11-2014 11:33:05	321.9019	2.0348	93936.7444
07-11-2014 11:34:05	322.0466	2.0271	93941.9113
07-11-2014 11:35:05	322.1915	2.0204	93947.0568
07-11-2014 11:36:05	322.3364	2.014	93952.2801
07-11-2014 11:37:05	322.4808	2.007	93957.6805
07-11-2014 11:38:05	322.6256	2.0011	93963.0592
07-11-2014 11:39:05	322.7703	1.9954	93968.5155
07-11-2014 11:40:05	322.9144	1.989	93974.149
07-11-2014 11:41:05	323.0578	1.9832	93979.8194
07-11-2014 11:42:05	323.201	1.9777	93985.5675
07-11-2014 11:43:05	323.3454	1.9729	93991.3342
07-11-2014 11:44:05	323.4885	1.9679	93997.2377
07-11-2014 11:45:05	323.6315	1.963	94003.2189
07-11-2014 11:46:05	323.7745	1.9584	94009.2777
07-11-2014 11:47:05	323.9166	1.9544	94015.3742
07-11-2014 11:48:05	324.059	1.9494	94021.6885
07-11-2014 11:49:05	324.2017	1.9455	94027.9801
07-11-2014 11:50:05	324.3436	1.9421	94034.3095
07-11-2014 11:51:05	324.485	1.9381	94040.8171
07-11-2014 11:52:05	324.6275	1.9349	94047.3411
07-11-2014 11:53:05	324.7688	1.9314	94054.0038
07-11-2014 11:54:05	324.9104	1.929	94060.6435
07-11-2014 11:55:05	325.0507	1.9263	94067.4223
07-11-2014 11:56:05	325.1917	1.9234	94074.3177
07-11-2014 11:57:05	325.3326	1.9208	94081.2906
07-11-2014 11:58:05	325.4727	1.9188	94088.3023
07-11-2014 11:59:05	325.6135	1.9166	94095.43
07-11-2014 12:00:05	325.7534	1.915	94102.5968
07-11-2014 12:01:05	325.8933	1.9137	94109.8411
07-11-2014 12:02:05	326.0327	1.9116	94117.2639
07-11-2014 12:03:05	326.1724	1.9107	94124.663
07-11-2014 12:04:05	326.3116	1.9092	94132.2407

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 12:05:05	326.4504	1.9091	94139.7571
07-11-2014 12:06:05	326.5894	1.9079	94147.4896
07-11-2014 12:07:05	326.7276	1.9074	94155.2622
07-11-2014 12:08:05	326.8658	1.907	94163.1123
07-11-2014 12:09:05	327.0042	1.9078	94170.9383
07-11-2014 12:10:05	327.143	1.9076	94178.9801
07-11-2014 12:11:05	327.2797	1.9074	94187.1271
07-11-2014 12:12:05	327.4175	1.908	94195.2867
07-11-2014 12:13:05	327.5552	1.9087	94203.5235
07-11-2014 12:14:05	327.6922	1.9101	94211.8013
07-11-2014 12:15:05	327.8293	1.9104	94220.2944
07-11-2014 12:16:05	327.9661	1.9122	94228.7268
07-11-2014 12:17:05	328.1023	1.9133	94237.3385
07-11-2014 12:18:05	328.2385	1.9147	94246.0275
07-11-2014 12:19:05	328.375	1.9171	94254.6916
07-11-2014 12:20:05	328.511	1.9189	94263.5351
07-11-2014 12:21:05	328.6469	1.9209	94272.4558
07-11-2014 12:22:05	328.7828	1.9231	94281.4535
07-11-2014 12:23:05	328.9178	1.9259	94290.4933
07-11-2014 12:24:05	329.0523	1.928	94299.7129
07-11-2014 12:25:05	329.1879	1.9309	94308.942
07-11-2014 12:26:05	329.3227	1.9343	94318.2133
07-11-2014 12:27:05	329.457	1.937	94327.6644
07-11-2014 12:28:05	329.5912	1.94	94337.1927
07-11-2014 12:29:05	329.7249	1.9444	94346.6611
07-11-2014 12:30:05	329.859	1.9478	94356.3436
07-11-2014 12:31:05	329.9929	1.9514	94366.1031
07-11-2014 12:32:05	330.1261	1.9555	94375.9057
07-11-2014 12:33:05	330.2591	1.9599	94385.7854
07-11-2014 12:34:05	330.3921	1.9645	94395.7422
07-11-2014 12:35:05	330.5249	1.9693	94405.7761
07-11-2014 12:36:05	330.6574	1.9733	94415.9901
07-11-2014 12:37:05	330.7901	1.9786	94426.1779
07-11-2014 12:38:05	330.9223	1.9831	94436.5458
07-11-2014 12:39:05	331.0541	1.9891	94446.8544
07-11-2014 12:40:05	331.1862	1.994	94457.3761
07-11-2014 12:41:05	331.3174	1.9995	94467.9421
07-11-2014 12:42:05	331.4486	2.0052	94478.585
07-11-2014 12:43:05	331.5796	2.0111	94489.3049
07-11-2014 12:44:05	331.7106	2.0172	94500.1016
07-11-2014 12:45:05	331.8415	2.0236	94510.9752

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 12:46:05	331.9723	2.0301	94521.9255
07-11-2014 12:47:05	332.1027	2.036	94533.0563
07-11-2014 12:48:05	332.2326	2.0432	94544.1284
07-11-2014 12:49:05	332.3628	2.0495	94555.4127
07-11-2014 12:50:05	332.4925	2.0572	94566.6383
07-11-2014 12:51:05	332.6218	2.0642	94578.0447
07-11-2014 12:52:05	332.751	2.0714	94589.5278
07-11-2014 12:53:05	332.8801	2.0788	94601.0876
07-11-2014 12:54:05	333.0091	2.0864	94612.7241
07-11-2014 12:55:05	333.1373	2.0945	94624.4064
07-11-2014 12:56:05	333.2658	2.1016	94636.3004
07-11-2014 12:57:05	333.3938	2.1101	94648.1362
07-11-2014 12:58:05	333.5221	2.1177	94660.1834
07-11-2014 12:59:05	333.65	2.1266	94672.1724
07-11-2014 13:00:05	333.7774	2.1348	94684.3424
07-11-2014 13:01:05	333.9047	2.1433	94696.589
07-11-2014 13:02:05	334.0319	2.1519	94708.9121
07-11-2014 13:03:05	334.1583	2.161	94721.2821
07-11-2014 13:04:05	334.2854	2.1701	94733.7582
07-11-2014 13:05:05	334.4116	2.1796	94746.2814
07-11-2014 13:06:05	334.5385	2.1891	94758.9102
07-11-2014 13:07:05	334.6642	2.1981	94771.691
07-11-2014 13:08:05	334.7901	2.2083	94784.4435
07-11-2014 13:09:05	334.9157	2.2177	94797.3772
07-11-2014 13:10:05	335.0411	2.2273	94810.3873
07-11-2014 13:11:05	335.1668	2.2381	94823.3687
07-11-2014 13:12:05	335.2913	2.2484	94836.5029
07-11-2014 13:13:05	335.4165	2.2587	94849.7418
07-11-2014 13:14:05	335.5409	2.2694	94863.0288
07-11-2014 13:15:05	335.6655	2.2791	94876.5253
07-11-2014 13:16:05	335.7897	2.2902	94889.9647
07-11-2014 13:17:05	335.9135	2.3006	94903.5857
07-11-2014 13:18:05	336.0375	2.3121	94917.1774
07-11-2014 13:19:05	336.1611	2.3229	94930.9507
07-11-2014 13:20:05	336.2846	2.3338	94944.8001
07-11-2014 13:21:05	336.4072	2.3453	94958.6983
07-11-2014 13:22:05	336.5306	2.3566	94972.6998
07-11-2014 13:23:05	336.6531	2.3685	94986.7502
07-11-2014 13:24:05	336.7755	2.3805	95000.8767
07-11-2014 13:25:05	336.8985	2.3925	95015.1058
07-11-2014 13:26:05	337.0204	2.404	95029.49

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 13:27:05	337.1426	2.4166	95043.8442
07-11-2014 13:28:05	337.2636	2.4287	95058.3539
07-11-2014 13:29:05	337.3852	2.4408	95072.9659
07-11-2014 13:30:05	337.5068	2.4531	95087.6535
07-11-2014 13:31:05	337.6275	2.4658	95102.3911
07-11-2014 13:32:05	337.7482	2.4787	95117.2045
07-11-2014 13:33:05	337.8695	2.4915	95132.1193
07-11-2014 13:34:05	337.9899	2.5048	95147.0841
07-11-2014 13:35:05	338.11	2.5174	95162.2309
07-11-2014 13:36:05	338.2303	2.5311	95177.3471
07-11-2014 13:37:05	338.3502	2.544	95192.6451
07-11-2014 13:38:05	338.4693	2.5574	95207.9938
07-11-2014 13:39:05	338.589	2.5707	95223.443
07-11-2014 13:40:05	338.7079	2.5844	95238.943
07-11-2014 13:41:05	338.8274	2.5981	95254.5431
07-11-2014 13:42:05	338.9462	2.6123	95270.1941
07-11-2014 13:43:05	339.0645	2.6256	95286.0271
07-11-2014 13:44:05	339.183	2.6401	95301.829
07-11-2014 13:45:05	339.3012	2.6539	95317.8129
07-11-2014 13:46:05	339.4196	2.6688	95333.7653
07-11-2014 13:47:05	339.5368	2.6831	95349.876
07-11-2014 13:48:05	339.6547	2.6974	95366.0858
07-11-2014 13:49:05	339.7718	2.7121	95382.3471
07-11-2014 13:50:05	339.8895	2.7268	95398.7071
07-11-2014 13:51:05	340.0061	2.741	95415.2259
07-11-2014 13:52:05	340.123	2.7563	95431.7129
07-11-2014 13:53:05	340.2394	2.7708	95448.3819
07-11-2014 13:54:05	340.356	2.7864	95465.019
07-11-2014 13:55:05	340.4723	2.8013	95481.8381
07-11-2014 13:56:05	340.5885	2.8164	95498.7322
07-11-2014 13:57:05	340.7038	2.8319	95515.6787
07-11-2014 13:58:05	340.8198	2.8473	95532.7226
07-11-2014 13:59:05	340.935	2.8632	95549.8189
07-11-2014 14:00:05	341.0498	2.8782	95567.0976
07-11-2014 14:01:05	341.1648	2.8945	95584.3437
07-11-2014 14:02:05	341.2795	2.9099	95601.772
07-11-2014 14:03:05	341.3943	2.9265	95619.1675
07-11-2014 14:04:05	341.5088	2.9423	95636.7452
07-11-2014 14:05:05	341.6232	2.9582	95654.3974
07-11-2014 14:06:05	341.7375	2.9744	95672.1242
07-11-2014 14:07:05	341.8507	2.99	95690.0119

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 14:08:05	341.9648	3.0065	95707.8876
07-11-2014 14:09:05	342.0781	3.0234	95725.8167
07-11-2014 14:10:05	342.1911	3.0395	95743.928
07-11-2014 14:11:05	342.304	3.0558	95762.1137
07-11-2014 14:12:05	342.417	3.0733	95780.266
07-11-2014 14:13:05	342.5297	3.0899	95798.6004
07-11-2014 14:14:05	342.6423	3.1068	95817.009
07-11-2014 14:15:05	342.7546	3.1228	95835.5997
07-11-2014 14:16:05	342.8663	3.1402	95854.1365
07-11-2014 14:17:05	342.9786	3.1576	95872.7675
07-11-2014 14:18:05	343.0899	3.1743	95891.5606
07-11-2014 14:19:05	343.2011	3.1913	95910.4279
07-11-2014 14:20:05	343.3125	3.2094	95929.2612
07-11-2014 14:21:05	343.4242	3.2265	95948.2958
07-11-2014 14:22:05	343.5352	3.2439	95967.3849
07-11-2014 14:23:05	343.6453	3.2618	95986.5287
07-11-2014 14:24:05	343.7558	3.2786	96005.8737
07-11-2014 14:25:05	343.8665	3.2966	96025.1842
07-11-2014 14:26:05	343.9761	3.314	96044.6578
07-11-2014 14:27:05	344.0867	3.3323	96064.1155
07-11-2014 14:28:05	344.1961	3.35	96083.7365
07-11-2014 14:29:05	344.3062	3.3677	96103.4495
07-11-2014 14:30:05	344.4155	3.3858	96123.2176
07-11-2014 14:31:05	344.5247	3.404	96143.0592
07-11-2014 14:32:05	344.6336	3.4214	96163.0827
07-11-2014 14:33:05	344.7426	3.44	96183.0711
07-11-2014 14:34:05	344.8506	3.4579	96203.2235
07-11-2014 14:35:05	344.9595	3.4769	96223.3584
07-11-2014 14:36:05	345.0681	3.495	96243.675
07-11-2014 14:37:05	345.1758	3.5134	96264.0474
07-11-2014 14:38:05	345.2842	3.5319	96284.5101
07-11-2014 14:39:05	345.3918	3.5506	96305.0286
07-11-2014 14:40:05	345.499	3.5686	96325.729
07-11-2014 14:41:05	345.6065	3.5877	96346.3935
07-11-2014 14:42:05	345.7136	3.606	96367.2398
07-11-2014 14:43:05	345.8206	3.6245	96388.1589
07-11-2014 14:44:05	345.9277	3.6441	96409.0418
07-11-2014 14:45:05	346.0346	3.6629	96430.1063
07-11-2014 14:46:05	346.1414	3.6819	96451.2434
07-11-2014 14:47:05	346.2471	3.7002	96472.5459
07-11-2014 14:48:05	346.3537	3.7195	96493.8281

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 14:49:05	346.4593	3.7381	96515.2757
07-11-2014 14:50:05	346.5651	3.7579	96536.6869
07-11-2014 14:51:05	346.6712	3.7767	96558.2951
07-11-2014 14:52:05	346.7766	3.7958	96579.96
07-11-2014 14:53:05	346.8818	3.8151	96601.6972
07-11-2014 14:54:05	346.987	3.8345	96623.5065
07-11-2014 14:55:05	347.0921	3.8542	96645.388
07-11-2014 14:56:05	347.1962	3.8731	96667.4357
07-11-2014 14:57:05	347.3011	3.893	96689.4613
07-11-2014 14:58:05	347.4058	3.9121	96711.6679
07-11-2014 14:59:05	347.5097	3.9315	96733.9318
07-11-2014 15:00:05	347.6142	3.951	96756.2821
07-11-2014 15:01:05	347.7179	3.9707	96778.6896
07-11-2014 15:02:05	347.8215	3.9906	96801.1689
07-11-2014 15:03:05	347.925	4.0107	96823.7199
07-11-2014 15:04:05	348.0283	4.0299	96846.4519
07-11-2014 15:05:05	348.1316	4.0502	96869.1461
07-11-2014 15:06:05	348.2348	4.0698	96892.0211
07-11-2014 15:07:05	348.3378	4.0895	96914.9675
07-11-2014 15:08:05	348.4407	4.1093	96937.9852
07-11-2014 15:09:05	348.5436	4.1293	96961.0741
07-11-2014 15:10:05	348.6457	4.1496	96984.2207
07-11-2014 15:11:05	348.7482	4.169	97007.5614
07-11-2014 15:12:05	348.8501	4.1896	97030.8504
07-11-2014 15:13:05	348.9518	4.2094	97054.32
07-11-2014 15:14:05	349.0541	4.2292	97077.8736
07-11-2014 15:15:05	349.1556	4.2492	97101.4851
07-11-2014 15:16:05	349.257	4.2695	97125.1674
07-11-2014 15:17:05	349.3583	4.2899	97148.9205
07-11-2014 15:18:05	349.4594	4.3094	97172.854
07-11-2014 15:19:05	349.5606	4.3301	97196.7482
07-11-2014 15:20:05	349.6616	4.35	97220.8228
07-11-2014 15:21:05	349.7619	4.3711	97244.8459
07-11-2014 15:22:05	349.8627	4.3913	97269.0613
07-11-2014 15:23:05	349.9634	4.4116	97293.3469
07-11-2014 15:24:05	350.0632	4.4312	97317.8008
07-11-2014 15:25:05	350.1637	4.4518	97342.2267
07-11-2014 15:26:05	350.2635	4.4727	97366.711
07-11-2014 15:27:05	350.363	4.4927	97391.3755
07-11-2014 15:28:05	350.4625	4.5129	97416.1099
07-11-2014 15:29:05	350.5627	4.5342	97440.8153

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 15:30:05	350.662	4.5547	97465.6894
07-11-2014 15:31:05	350.7611	4.5743	97490.7432
07-11-2014 15:32:05	350.8603	4.5951	97515.7566
07-11-2014 15:33:05	350.9593	4.616	97540.8396
07-11-2014 15:34:05	351.0575	4.6362	97566.0915
07-11-2014 15:35:05	351.1564	4.6575	97591.3134
07-11-2014 15:36:05	351.2551	4.6779	97616.7147
07-11-2014 15:37:05	351.3531	4.6985	97642.175
07-11-2014 15:38:05	351.4516	4.7192	97667.7146
07-11-2014 15:39:05	351.5494	4.7401	97693.3133
07-11-2014 15:40:05	351.6477	4.7601	97719.1012
07-11-2014 15:41:05	351.7453	4.7813	97744.838
07-11-2014 15:42:05	351.8427	4.8017	97770.7539
07-11-2014 15:43:05	351.9408	4.8221	97796.7482
07-11-2014 15:44:05	352.0381	4.8428	97822.8016
07-11-2014 15:45:05	352.1353	4.8636	97848.9237
07-11-2014 15:46:05	352.2324	4.8845	97875.1144
07-11-2014 15:47:05	352.3294	4.9056	97901.3736
07-11-2014 15:48:05	352.4263	4.9258	97927.8114
07-11-2014 15:49:05	352.5225	4.9473	97954.1984
07-11-2014 15:50:05	352.6192	4.9678	97980.7729
07-11-2014 15:51:05	352.7159	4.9885	98007.4154
07-11-2014 15:52:05	352.8124	5.0093	98034.126
07-11-2014 15:53:05	352.9082	5.0303	98060.8961
07-11-2014 15:54:05	353.0045	5.0504	98087.8529
07-11-2014 15:55:05	353.1002	5.0718	98114.7588
07-11-2014 15:56:05	353.1964	5.0922	98141.8511
07-11-2014 15:57:05	353.2919	5.1138	98168.8925
07-11-2014 15:58:05	353.3872	5.1345	98196.112
07-11-2014 15:59:05	353.4832	5.1553	98223.4067
07-11-2014 16:00:05	353.5783	5.1763	98250.7611
07-11-2014 16:01:05	353.6734	5.1965	98278.2933
07-11-2014 16:02:05	353.7684	5.2178	98305.7823
07-11-2014 16:03:05	353.8633	5.2382	98333.4489
07-11-2014 16:04:05	353.9582	5.2598	98361.0721
07-11-2014 16:05:05	354.0529	5.2805	98388.8728
07-11-2014 16:06:05	354.1476	5.3014	98416.7403
07-11-2014 16:07:05	354.2422	5.3224	98444.6746
07-11-2014 16:08:05	354.3367	5.3435	98472.6755
07-11-2014 16:09:05	354.4311	5.3638	98500.8536
07-11-2014 16:10:05	354.5248	5.3853	98528.9811

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 16:11:05	354.619	5.4059	98557.2921
07-11-2014 16:12:05	354.7132	5.4265	98585.6694
07-11-2014 16:13:05	354.8066	5.4474	98614.1067
07-11-2014 16:14:05	354.9006	5.4684	98642.6162
07-11-2014 16:15:05	354.9939	5.4895	98671.1859
07-11-2014 16:16:05	355.0877	5.5098	98699.938
07-11-2014 16:17:05	355.1808	5.5312	98728.6396
07-11-2014 16:18:05	355.2745	5.5517	98757.5233
07-11-2014 16:19:05	355.3674	5.5724	98786.4671
07-11-2014 16:20:05	355.4603	5.5933	98815.4765
07-11-2014 16:21:05	355.5531	5.6142	98844.5515
07-11-2014 16:22:05	355.6465	5.6353	98873.6971
07-11-2014 16:23:05	355.7392	5.6565	98902.9027
07-11-2014 16:24:05	355.8317	5.6769	98932.2844
07-11-2014 16:25:05	355.9242	5.6984	98961.6205
07-11-2014 16:26:05	356.0166	5.719	98991.1323
07-11-2014 16:27:05	356.109	5.7398	99020.7091
07-11-2014 16:28:05	356.2012	5.7607	99050.3507
07-11-2014 16:29:05	356.2934	5.7817	99080.057
07-11-2014 16:30:05	356.3855	5.8019	99109.9388
07-11-2014 16:31:05	356.4776	5.8232	99139.7742
07-11-2014 16:32:05	356.5695	5.8436	99169.7849
07-11-2014 16:33:05	356.6614	5.8642	99199.8599
07-11-2014 16:34:05	356.7532	5.8849	99229.9991
07-11-2014 16:35:05	356.8443	5.9058	99260.1986
07-11-2014 16:36:05	356.936	5.9267	99290.466
07-11-2014 16:37:05	357.0277	5.9478	99320.7973
07-11-2014 16:38:05	357.1185	5.9681	99351.2997
07-11-2014 16:39:05	357.21	5.9894	99381.7586
07-11-2014 16:40:05	357.3014	6.0099	99412.3918
07-11-2014 16:41:05	357.3921	6.0305	99443.0853
07-11-2014 16:42:05	357.4833	6.0513	99473.8455
07-11-2014 16:43:05	357.5739	6.0722	99504.666
07-11-2014 16:44:05	357.665	6.0932	99535.5526
07-11-2014 16:45:05	357.7561	6.1133	99566.613
07-11-2014 16:46:05	357.8464	6.1346	99597.6231
07-11-2014 16:47:05	357.9367	6.155	99628.8069
07-11-2014 16:48:05	358.0276	6.1756	99660.0561
07-11-2014 16:49:05	358.1177	6.1962	99691.3656
07-11-2014 16:50:05	358.2085	6.217	99722.7399
07-11-2014 16:51:05	358.2985	6.237	99754.2854

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 16:52:05	358.3891	6.258	99785.7845
07-11-2014 16:53:05	358.479	6.2782	99817.4548
07-11-2014 16:54:05	358.5688	6.2995	99849.0766
07-11-2014 16:55:05	358.6593	6.3199	99880.8728
07-11-2014 16:56:05	358.749	6.3405	99912.7295
07-11-2014 16:57:05	358.8386	6.3612	99944.6481
07-11-2014 16:58:05	358.9282	6.381	99976.7394
07-11-2014 16:59:05	359.0184	6.4019	100008.7827
07-11-2014 17:00:05	359.1078	6.422	100040.9972
07-11-2014 17:01:05	359.1973	6.4432	100073.1623
07-11-2014 17:02:05	359.2866	6.4635	100105.4997
07-11-2014 17:03:05	359.3766	6.484	100137.8991
07-11-2014 17:04:05	359.4658	6.5046	100170.3588
07-11-2014 17:05:05	359.555	6.5243	100202.9903
07-11-2014 17:06:05	359.6441	6.5451	100235.5721
07-11-2014 17:07:05	359.7331	6.5651	100268.3254
07-11-2014 17:08:05	359.8228	6.5861	100301.0289
07-11-2014 17:09:05	359.9118	6.6063	100333.9035
07-11-2014 17:10:05	0.0007	6.6267	100366.8386
07-11-2014 17:11:05	0.0895	6.6471	100399.834
07-11-2014 17:12:05	0.1783	6.6677	100432.8898
07-11-2014 17:13:05	0.2677	6.6874	100466.1161
07-11-2014 17:14:05	0.3564	6.7082	100499.292
07-11-2014 17:15:05	0.445	6.7282	100532.6386
07-11-2014 17:16:05	0.5336	6.7483	100566.0449
07-11-2014 17:17:05	0.6221	6.7685	100599.511
07-11-2014 17:18:05	0.7106	6.7888	100633.0367
07-11-2014 17:19:05	0.799	6.8093	100666.6219
07-11-2014 17:20:05	0.8881	6.8298	100700.2655
07-11-2014 17:21:05	0.9764	6.8495	100734.0799
07-11-2014 17:22:05	1.0647	6.8704	100767.8428
07-11-2014 17:23:05	1.1529	6.8903	100801.7754
07-11-2014 17:24:05	1.2411	6.9104	100835.767
07-11-2014 17:25:05	1.3299	6.9306	100869.8158
07-11-2014 17:26:05	1.418	6.9509	100903.9247
07-11-2014 17:27:05	1.506	6.9703	100938.2029
07-11-2014 17:28:05	1.594	6.9909	100972.4289
07-11-2014 17:29:05	1.682	7.0106	101006.8239
07-11-2014 17:30:05	1.7705	7.0314	101041.1644
07-11-2014 17:31:05	1.8584	7.0513	101075.6756
07-11-2014 17:32:05	1.9462	7.0714	101110.2449

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 17:33:05	2.034	7.0906	101144.9826
07-11-2014 17:34:05	2.1224	7.1109	101179.665
07-11-2014 17:35:05	2.21	7.1313	101214.4075
07-11-2014 17:36:05	2.2977	7.1509	101249.3181
07-11-2014 17:37:05	2.3859	7.1715	101284.1728
07-11-2014 17:38:05	2.4735	7.1913	101319.198
07-11-2014 17:39:05	2.561	7.2112	101354.2805
07-11-2014 17:40:05	2.6491	7.2313	101389.4169
07-11-2014 17:41:05	2.7366	7.2505	101424.7238
07-11-2014 17:42:05	2.8239	7.2707	101459.9771
07-11-2014 17:43:05	2.912	7.2902	101495.3941
07-11-2014 17:44:05	2.9993	7.3107	101530.7606
07-11-2014 17:45:05	3.0872	7.3304	101566.2905
07-11-2014 17:46:05	3.1744	7.3501	101601.8803
07-11-2014 17:47:05	3.2623	7.37	101637.5225
07-11-2014 17:48:05	3.3495	7.39	101673.2246
07-11-2014 17:49:05	3.4372	7.4102	101708.9787
07-11-2014 17:50:05	3.5243	7.4295	101744.903
07-11-2014 17:51:05	3.612	7.4499	101780.7686
07-11-2014 17:52:05	3.6997	7.4694	101816.8
07-11-2014 17:53:05	3.7867	7.489	101852.8912
07-11-2014 17:54:05	3.8743	7.5088	101889.0333
07-11-2014 17:55:05	3.9619	7.5287	101925.2305
07-11-2014 17:56:05	4.0494	7.5487	101961.4828
07-11-2014 17:57:05	4.1362	7.5678	101997.9051
07-11-2014 17:58:05	4.2237	7.5881	102034.2671
07-11-2014 17:59:05	4.3111	7.6074	102070.7941
07-11-2014 18:00:05	4.3986	7.6269	102107.3756
07-11-2014 18:01:05	4.4859	7.6466	102144.0115
07-11-2014 18:02:05	4.5733	7.6663	102180.7018
07-11-2014 18:03:05	4.6606	7.6862	102217.4462
07-11-2014 18:04:05	4.7478	7.7062	102254.2447
07-11-2014 18:05:05	4.8351	7.7253	102291.2074
07-11-2014 18:06:05	4.9224	7.7445	102328.2238
07-11-2014 18:07:05	5.0095	7.7649	102365.1839
07-11-2014 18:08:05	5.0967	7.7844	102402.3076
07-11-2014 18:09:05	5.1838	7.804	102439.4849
07-11-2014 18:10:05	5.2709	7.8237	102476.7155
07-11-2014 18:11:05	5.3587	7.8426	102514.1031
07-11-2014 18:12:05	5.4457	7.8626	102551.44
07-11-2014 18:13:05	5.5327	7.8827	102588.8299

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 18:14:05	5.6204	7.9019	102626.3761
07-11-2014 18:15:05	5.7074	7.9213	102663.9815
07-11-2014 18:16:05	5.795	7.9408	102701.6328
07-11-2014 18:17:05	5.8819	7.9604	102739.3433
07-11-2014 18:18:05	5.9694	7.9801	102777.0993
07-11-2014 18:19:05	6.0562	7.9999	102814.9144
07-11-2014 18:20:05	6.1438	8.0189	102852.8844
07-11-2014 18:21:05	6.2312	8.0391	102890.7964
07-11-2014 18:22:05	6.3181	8.0582	102928.8773
07-11-2014 18:23:05	6.4055	8.0776	102967.0026
07-11-2014 18:24:05	6.4929	8.0971	103005.1794
07-11-2014 18:25:05	6.5803	8.1167	103043.4075
07-11-2014 18:26:05	6.6677	8.1365	103081.6869
07-11-2014 18:27:05	6.7551	8.1553	103120.1272
07-11-2014 18:28:05	6.8424	8.1753	103158.5087
07-11-2014 18:29:05	6.9297	8.1944	103197.0509
07-11-2014 18:30:05	7.0169	8.2146	103235.5341
07-11-2014 18:31:05	7.1042	8.234	103274.1777
07-11-2014 18:32:05	7.1921	8.2535	103312.8634
07-11-2014 18:33:05	7.2793	8.2731	103351.6079
07-11-2014 18:34:05	7.3666	8.2919	103390.5122
07-11-2014 18:35:05	7.4544	8.3118	103429.3483
07-11-2014 18:36:05	7.5415	8.3317	103468.2432
07-11-2014 18:37:05	7.6294	8.3509	103507.2886
07-11-2014 18:38:05	7.7166	8.3701	103546.3926
07-11-2014 18:39:05	7.8044	8.3895	103585.5372
07-11-2014 18:40:05	7.8921	8.4091	103624.7312
07-11-2014 18:41:05	7.9799	8.4287	103663.9744
07-11-2014 18:42:05	8.0669	8.4484	103703.2762
07-11-2014 18:43:05	8.1546	8.4683	103742.6177
07-11-2014 18:44:05	8.2423	8.4874	103782.1174
07-11-2014 18:45:05	8.3299	8.5075	103821.5566
07-11-2014 18:46:05	8.4176	8.5268	103861.1537
07-11-2014 18:47:05	8.506	8.5463	103900.7895
07-11-2014 18:48:05	8.5936	8.5658	103940.4834
07-11-2014 18:49:05	8.6813	8.5855	103980.2257
07-11-2014 18:50:05	8.7688	8.6053	104020.0162
07-11-2014 18:51:05	8.8572	8.6242	104059.9535
07-11-2014 18:52:05	8.9447	8.6443	104099.8398
07-11-2014 18:53:05	9.033	8.6635	104139.8725
07-11-2014 18:54:05	9.1213	8.6829	104179.9527

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 18:55:05	9.2089	8.7023	104220.091
07-11-2014 18:56:05	9.2971	8.7219	104260.2659
07-11-2014 18:57:05	9.3853	8.7416	104300.488
07-11-2014 18:58:05	9.4734	8.7615	104340.757
07-11-2014 18:59:05	9.5616	8.7815	104381.073
07-11-2014 19:00:05	9.6498	8.8006	104421.5446
07-11-2014 19:01:05	9.7379	8.8209	104461.954
07-11-2014 19:02:05	9.8261	8.8402	104502.5188
07-11-2014 19:03:05	9.9142	8.8597	104543.1299
07-11-2014 19:04:05	10.0031	8.8795	104583.7757
07-11-2014 19:05:05	10.0912	8.8992	104624.4793
07-11-2014 19:06:05	10.1799	8.9192	104665.217
07-11-2014 19:07:05	10.268	8.9392	104706.0124
07-11-2014 19:08:05	10.3568	8.9584	104746.9502
07-11-2014 19:09:05	10.4455	8.9788	104787.8249
07-11-2014 19:10:05	10.5337	8.9982	104828.8658
07-11-2014 19:11:05	10.6225	9.0178	104869.9398
07-11-2014 19:12:05	10.7112	9.0375	104911.0589
07-11-2014 19:13:05	10.7999	9.0574	104952.223
07-11-2014 19:14:05	10.8887	9.0774	104993.432
07-11-2014 19:15:05	10.978	9.0976	105034.673
07-11-2014 19:16:05	11.0668	9.1169	105076.0797
07-11-2014 19:17:05	11.1555	9.1373	105117.4225
07-11-2014 19:18:05	11.2449	9.1569	105158.905
07-11-2014 19:19:05	11.3335	9.1775	105200.3366
07-11-2014 19:20:05	11.4229	9.1974	105241.9072
07-11-2014 19:21:05	11.5123	9.2174	105283.5217
07-11-2014 19:22:05	11.601	9.2375	105325.1934
07-11-2014 19:23:05	11.6903	9.2577	105366.8954
07-11-2014 19:24:05	11.7798	9.2771	105408.7489
07-11-2014 19:25:05	11.869	9.2977	105450.5377
07-11-2014 19:26:05	11.9585	9.3173	105492.4778
07-11-2014 19:27:05	12.0484	9.3382	105534.3391
07-11-2014 19:28:05	12.1378	9.3582	105576.3652
07-11-2014 19:29:05	12.2272	9.3782	105618.4341
07-11-2014 19:30:05	12.3172	9.3985	105660.5317
07-11-2014 19:31:05	12.4065	9.4188	105702.6859
07-11-2014 19:32:05	12.4965	9.4394	105744.8684
07-11-2014 19:33:05	12.5866	9.4591	105787.2007
07-11-2014 19:34:05	12.6766	9.4799	105829.4674
07-11-2014 19:35:05	12.7667	9.4999	105871.8838

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 19:36:05	12.8565	9.521	105914.2343
07-11-2014 19:37:05	12.9466	9.5412	105956.7343
07-11-2014 19:38:05	13.0367	9.5616	105999.2758
07-11-2014 19:39:05	13.1267	9.582	106041.8589
07-11-2014 19:40:05	13.2173	9.6028	106084.468
07-11-2014 19:41:05	13.3073	9.6235	106127.1336
07-11-2014 19:42:05	13.3982	9.6436	106169.9322
07-11-2014 19:43:05	13.4887	9.6647	106212.6643
07-11-2014 19:44:05	13.5789	9.6849	106255.56
07-11-2014 19:45:05	13.6694	9.7063	106298.3736
07-11-2014 19:46:05	13.7602	9.7268	106341.3348
07-11-2014 19:47:05	13.8509	9.7475	106384.3364
07-11-2014 19:48:05	13.9423	9.7685	106427.3621
07-11-2014 19:49:05	14.033	9.7895	106470.4439
07-11-2014 19:50:05	14.1237	9.8105	106513.5657
07-11-2014 19:51:05	14.2152	9.8309	106556.818
07-11-2014 19:52:05	14.3059	9.8523	106600.0193
07-11-2014 19:53:05	14.3974	9.8729	106643.3507
07-11-2014 19:54:05	14.4886	9.8947	106686.6144
07-11-2014 19:55:05	14.5801	9.9156	106730.0243
07-11-2014 19:56:05	14.6716	9.9367	106773.4732
07-11-2014 19:57:05	14.763	9.9578	106816.961
07-11-2014 19:58:05	14.8544	9.9792	106860.4878
07-11-2014 19:59:05	14.9458	10.0006	106904.0532
07-11-2014 20:00:05	15.0378	10.0224	106947.6399
07-11-2014 20:01:05	15.1294	10.0431	106991.389
07-11-2014 20:02:05	15.2214	10.0651	107035.0524
07-11-2014 20:03:05	15.3137	10.0863	107078.8603
07-11-2014 20:04:05	15.4056	10.1086	107122.5998
07-11-2014 20:05:05	15.4972	10.1298	107166.5013
07-11-2014 20:06:05	15.59	10.1516	107210.4048
07-11-2014 20:07:05	15.6822	10.1733	107254.3638
07-11-2014 20:08:05	15.7743	10.1951	107298.3603
07-11-2014 20:09:05	15.8664	10.2171	107342.3942
07-11-2014 20:10:05	15.9594	10.2384	107386.553
07-11-2014 20:11:05	16.0515	10.2607	107430.6612
07-11-2014 20:12:05	16.1445	10.2823	107474.8938
07-11-2014 20:13:05	16.2372	10.3049	107519.0572
07-11-2014 20:14:05	16.3302	10.3268	107563.3631
07-11-2014 20:15:05	16.4231	10.3488	107607.7055
07-11-2014 20:16:05	16.5161	10.3709	107652.0842

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 20:17:05	16.609	10.3932	107696.499
07-11-2014 20:18:05	16.7025	10.4158	107740.9309
07-11-2014 20:19:05	16.7954	10.4383	107785.418
07-11-2014 20:20:05	16.8889	10.4612	107829.9214
07-11-2014 20:21:05	16.9821	10.483	107874.5857
07-11-2014 20:22:05	17.0755	10.5061	107919.1604
07-11-2014 20:23:05	17.1693	10.5284	107963.8759
07-11-2014 20:24:05	17.263	10.5509	108008.6268
07-11-2014 20:25:05	17.3565	10.5744	108053.3072
07-11-2014 20:26:05	17.4508	10.5973	108098.1082
07-11-2014 20:27:05	17.5445	10.6202	108142.9639
07-11-2014 20:28:05	17.6388	10.6434	108187.8341
07-11-2014 20:29:05	17.7328	10.6655	108232.8643
07-11-2014 20:30:05	17.8271	10.689	108277.8035
07-11-2014 20:31:05	17.9214	10.7126	108322.777
07-11-2014 20:32:05	18.0159	10.7354	108367.8895
07-11-2014 20:33:05	18.1102	10.7593	108412.9311
07-11-2014 20:34:05	18.2047	10.7823	108458.1116
07-11-2014 20:35:05	18.2992	10.8055	108503.3258
07-11-2014 20:36:05	18.3944	10.8291	108548.5527
07-11-2014 20:37:05	18.4889	10.8525	108593.834
07-11-2014 20:38:05	18.584	10.8764	108639.1275
07-11-2014 20:39:05	18.6791	10.9003	108684.4541
07-11-2014 20:40:05	18.7743	10.9244	108729.8139
07-11-2014 20:41:05	18.8693	10.9487	108775.2066
07-11-2014 20:42:05	18.9647	10.9721	108820.7364
07-11-2014 20:43:05	19.0598	10.9966	108866.1947
07-11-2014 20:44:05	19.1558	11.0205	108911.7679
07-11-2014 20:45:05	19.2512	11.0444	108957.3954
07-11-2014 20:46:05	19.3468	11.0696	109002.9289
07-11-2014 20:47:05	19.4422	11.0937	109048.6209
07-11-2014 20:48:05	19.5381	11.1182	109094.3227
07-11-2014 20:49:05	19.6341	11.1428	109140.0564
07-11-2014 20:50:05	19.7303	11.1667	109185.9257
07-11-2014 20:51:05	19.8269	11.1918	109231.7
07-11-2014 20:52:05	19.9228	11.2169	109277.5284
07-11-2014 20:53:05	20.0197	11.2413	109323.4691
07-11-2014 20:54:05	20.1156	11.2667	109369.3601
07-11-2014 20:55:05	20.2124	11.2914	109415.3629
07-11-2014 20:56:05	20.3089	11.3173	109461.2931
07-11-2014 20:57:05	20.4058	11.3424	109507.3574

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 20:58:05	20.5026	11.3676	109553.4525
07-11-2014 20:59:05	20.5994	11.3929	109599.578
07-11-2014 21:00:05	20.6962	11.4184	109645.734
07-11-2014 21:01:05	20.7936	11.4442	109691.8967
07-11-2014 21:02:05	20.891	11.4703	109738.0894
07-11-2014 21:03:05	20.9881	11.4952	109784.4389
07-11-2014 21:04:05	21.0855	11.5215	109830.6914
07-11-2014 21:05:05	21.1832	11.547	109877.0766
07-11-2014 21:06:05	21.2806	11.5736	109923.3884
07-11-2014 21:07:05	21.379	11.5996	109969.8083
07-11-2014 21:08:05	21.4763	11.6265	110016.179
07-11-2014 21:09:05	21.574	11.6526	110062.6817
07-11-2014 21:10:05	21.6723	11.6791	110109.189
07-11-2014 21:11:05	21.7706	11.7057	110155.7251
07-11-2014 21:12:05	21.8689	11.7325	110202.2899
07-11-2014 21:13:05	21.9672	11.7594	110248.8834
07-11-2014 21:14:05	22.0658	11.7855	110295.6079
07-11-2014 21:15:05	22.1641	11.8127	110342.2583
07-11-2014 21:16:05	22.2624	11.8401	110388.9371
07-11-2014 21:17:05	22.3616	11.8669	110435.7211
07-11-2014 21:18:05	22.4605	11.8948	110482.4307
07-11-2014 21:19:05	22.5591	11.9217	110529.2959
07-11-2014 21:20:05	22.6583	11.9489	110576.1633
07-11-2014 21:21:05	22.7575	11.9764	110623.0583
07-11-2014 21:22:05	22.857	12.0051	110669.853
07-11-2014 21:23:05	22.9562	12.0328	110716.8027
07-11-2014 21:24:05	23.0554	12.0607	110763.7797
07-11-2014 21:25:05	23.1556	12.088	110810.8595
07-11-2014 21:26:05	23.2548	12.1162	110857.8907
07-11-2014 21:27:05	23.3546	12.1448	110904.9225
07-11-2014 21:28:05	23.4543	12.1735	110951.9811
07-11-2014 21:29:05	23.5545	12.2014	110999.1676
07-11-2014 21:30:05	23.6549	12.2307	111046.2527
07-11-2014 21:31:05	23.7551	12.259	111093.4919
07-11-2014 21:32:05	23.8552	12.2874	111140.7574
07-11-2014 21:33:05	23.9556	12.3171	111187.9209
07-11-2014 21:34:05	24.0563	12.3461	111235.2115
07-11-2014 21:35:05	24.1571	12.3752	111282.5277
07-11-2014 21:36:05	24.2578	12.4045	111329.8697
07-11-2014 21:37:05	24.3586	12.4339	111377.2372
07-11-2014 21:38:05	24.4593	12.4635	111424.6301

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 21:39:05	24.56	12.4932	111472.0485
07-11-2014 21:40:05	24.6617	12.5225	111519.5651
07-11-2014 21:41:05	24.7631	12.5528	111567.0061
07-11-2014 21:42:05	24.8642	12.582	111614.6002
07-11-2014 21:43:05	24.9655	12.6127	111662.091
07-11-2014 21:44:05	25.0672	12.6425	111709.7068
07-11-2014 21:45:05	25.1691	12.6737	111757.2186
07-11-2014 21:46:05	25.2708	12.7039	111804.8834
07-11-2014 21:47:05	25.3725	12.7342	111852.5724
07-11-2014 21:48:05	25.4748	12.765	111900.2573
07-11-2014 21:49:05	25.5771	12.7959	111947.966
07-11-2014 21:50:05	25.6795	12.8269	111995.6988
07-11-2014 21:51:05	25.7817	12.8582	112043.4552
07-11-2014 21:52:05	25.884	12.8896	112091.2355
07-11-2014 21:53:05	25.9863	12.9211	112139.0393
07-11-2014 21:54:05	26.0886	12.9528	112186.8667
07-11-2014 21:55:05	26.1919	12.984	112234.7878
07-11-2014 21:56:05	26.2948	13.0163	112282.6326
07-11-2014 21:57:05	26.3975	13.0476	112330.6291
07-11-2014 21:58:05	26.5003	13.0802	112378.5201
07-11-2014 21:59:05	26.6036	13.112	112426.533
07-11-2014 22:00:05	26.7075	13.1443	112474.5391
07-11-2014 22:01:05	26.8108	13.1765	112522.5972
07-11-2014 22:02:05	26.9137	13.2098	112570.5791
07-11-2014 22:03:05	27.0176	13.2426	112618.6523
07-11-2014 22:04:05	27.1214	13.2755	112666.7477
07-11-2014 22:05:05	27.2253	13.3086	112714.8652
07-11-2014 22:06:05	27.3296	13.341	112763.1034
07-11-2014 22:07:05	27.4335	13.3744	112811.2647
07-11-2014 22:08:05	27.5374	13.408	112859.448
07-11-2014 22:09:05	27.6418	13.442	112907.6223
07-11-2014 22:10:05	27.7461	13.475	112955.9471
07-11-2014 22:11:05	27.8506	13.5094	113004.1645
07-11-2014 22:12:05	27.9555	13.543	113052.5011
07-11-2014 22:13:05	28.06	13.5777	113100.761
07-11-2014 22:14:05	28.1649	13.6117	113149.1399
07-11-2014 22:15:05	28.2697	13.6458	113197.5398
07-11-2014 22:16:05	28.3746	13.68	113245.9604
07-11-2014 22:17:05	28.4801	13.7148	113294.3705
07-11-2014 22:18:05	28.5845	13.7503	113342.7351
07-11-2014 22:19:05	28.69	13.7854	113391.1862

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 22:20:05	28.796	13.8197	113439.7552
07-11-2014 22:21:05	28.9015	13.8551	113488.2469
07-11-2014 22:22:05	29.0069	13.8907	113536.7588
07-11-2014 22:23:05	29.113	13.9267	113585.2588
07-11-2014 22:24:05	29.2185	13.9626	113633.8109
07-11-2014 22:25:05	29.325	13.998	113682.4476
07-11-2014 22:26:05	29.4305	14.0343	113731.0394
07-11-2014 22:27:05	29.537	14.0701	113779.7154
07-11-2014 22:28:05	29.6431	14.1069	113828.314
07-11-2014 22:29:05	29.7496	14.1431	113877.0288
07-11-2014 22:30:05	29.8568	14.1797	113925.73
07-11-2014 22:31:05	29.9628	14.217	113974.3867
07-11-2014 22:32:05	30.0699	14.254	114023.126
07-11-2014 22:33:05	30.1764	14.2908	114071.9172
07-11-2014 22:34:05	30.2836	14.3281	114120.6942
07-11-2014 22:35:05	30.3907	14.3655	114169.4899
07-11-2014 22:36:05	30.4978	14.4031	114218.3043
07-11-2014 22:37:05	30.6049	14.4409	114267.1371
07-11-2014 22:38:05	30.7126	14.4792	114315.955
07-11-2014 22:39:05	30.8197	14.5173	114364.8247
07-11-2014 22:40:05	30.9279	14.555	114413.7746
07-11-2014 22:41:05	31.0356	14.5938	114462.6469
07-11-2014 22:42:05	31.1433	14.6328	114511.5372
07-11-2014 22:43:05	31.2515	14.671	114560.5408
07-11-2014 22:44:05	31.3592	14.7103	114609.467
07-11-2014 22:45:05	31.4674	14.7489	114658.506
07-11-2014 22:46:05	31.5762	14.7879	114707.5282
07-11-2014 22:47:05	31.6838	14.8277	114756.5074
07-11-2014 22:48:05	31.7926	14.8671	114805.5643
07-11-2014 22:49:05	31.9014	14.9067	114854.6385
07-11-2014 22:50:05	32.0102	14.9465	114903.7298
07-11-2014 22:51:05	32.1185	14.9873	114952.7435
07-11-2014 22:52:05	32.2272	15.0274	115001.8689
07-11-2014 22:53:05	32.336	15.0676	115051.0113
07-11-2014 22:54:05	32.4454	15.1084	115100.1353
07-11-2014 22:55:05	32.5552	15.1485	115149.3702
07-11-2014 22:56:05	32.664	15.1892	115198.5627
07-11-2014 22:57:05	32.7734	15.2305	115247.7363
07-11-2014 22:58:05	32.8827	15.272	115296.9264
07-11-2014 22:59:05	32.9932	15.3131	115346.191
07-11-2014 23:00:05	33.1026	15.3549	115395.4135

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 23:01:05	33.2125	15.3972	115444.6165
07-11-2014 23:02:05	33.3224	15.4385	115493.9648
07-11-2014 23:03:05	33.4323	15.4811	115543.1997
07-11-2014 23:04:05	33.5428	15.5231	115592.5437
07-11-2014 23:05:05	33.6533	15.5652	115641.9033
07-11-2014 23:06:05	33.7632	15.6084	115691.1854
07-11-2014 23:07:05	33.8736	15.6509	115740.5762
07-11-2014 23:08:05	33.9847	15.6939	115789.9459
07-11-2014 23:09:05	34.0952	15.7367	115839.3674
07-11-2014 23:10:05	34.2062	15.7801	115888.7675
07-11-2014 23:11:05	34.3173	15.8236	115938.1827
07-11-2014 23:12:05	34.4283	15.8673	115987.6129
07-11-2014 23:13:05	34.5394	15.9112	116037.058
07-11-2014 23:14:05	34.6504	15.9553	116086.518
07-11-2014 23:15:05	34.7615	15.9995	116135.993
07-11-2014 23:16:05	34.8731	16.0443	116185.4454
07-11-2014 23:17:05	34.9848	16.0892	116234.9123
07-11-2014 23:18:05	35.0964	16.1331	116284.5233
07-11-2014 23:19:05	35.208	16.1784	116334.0191
07-11-2014 23:20:05	35.3196	16.2238	116383.5295
07-11-2014 23:21:05	35.4318	16.2686	116433.1457
07-11-2014 23:22:05	35.5441	16.3148	116482.6466
07-11-2014 23:23:05	35.6562	16.3599	116532.2911
07-11-2014 23:24:05	35.769	16.4056	116581.9114
07-11-2014 23:25:05	35.8813	16.4523	116631.4543
07-11-2014 23:26:05	35.9934	16.4979	116681.1405
07-11-2014 23:27:05	36.1062	16.5441	116730.8021
07-11-2014 23:28:05	36.2184	16.5914	116780.3864
07-11-2014 23:29:05	36.3318	16.6383	116830.0367
07-11-2014 23:30:05	36.4446	16.685	116879.739
07-11-2014 23:31:05	36.558	16.7323	116929.416
07-11-2014 23:32:05	36.6707	16.7794	116979.1451
07-11-2014 23:33:05	36.7841	16.827	117028.8486
07-11-2014 23:34:05	36.8975	16.8748	117078.5652
07-11-2014 23:35:05	37.0109	16.9228	117128.2949
07-11-2014 23:36:05	37.1242	16.971	117178.0376
07-11-2014 23:37:05	37.2376	17.0194	117227.7934
07-11-2014 23:38:05	37.3516	17.0683	117277.5226
07-11-2014 23:39:05	37.4655	17.1161	117327.394
07-11-2014 23:40:05	37.5795	17.1654	117377.1486
07-11-2014 23:41:05	37.6934	17.2148	117426.9159

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
07-11-2014 23:42:05	37.808	17.2636	117476.7853
07-11-2014 23:43:05	37.9219	17.3134	117526.5776
07-11-2014 23:44:05	38.0365	17.3625	117576.4717
07-11-2014 23:45:05	38.151	17.413	117626.2488
07-11-2014 23:46:05	38.2656	17.4625	117676.1674
07-11-2014 23:47:05	38.3801	17.5134	117725.9689
07-11-2014 23:48:05	38.4953	17.5636	117775.8714
07-11-2014 23:49:05	38.6098	17.6136	117825.8263
07-11-2014 23:50:05	38.7244	17.6651	117875.6641
07-11-2014 23:51:05	38.8401	17.7162	117925.5619
07-11-2014 23:52:05	38.9553	17.7672	117975.5119
07-11-2014 23:53:05	39.0704	17.8183	118025.4737
07-11-2014 23:54:05	39.1861	17.87	118075.4063
07-11-2014 23:55:05	39.3013	17.9215	118125.3914
07-11-2014 23:56:05	39.417	17.9735	118175.3471
07-11-2014 23:57:05	39.5328	18.0258	118225.3142
07-11-2014 23:58:05	39.6485	18.0782	118275.2927
07-11-2014 23:59:05	39.7643	18.1308	118325.2826
08-11-2014 00:00:05	39.8806	18.1839	118375.2423
08-11-2014 00:01:05	39.9964	18.2369	118425.2547
08-11-2014 00:02:05	40.1127	18.2904	118475.2368
08-11-2014 00:03:05	40.2291	18.3441	118525.2299
08-11-2014 00:04:05	40.3454	18.3968	118575.3628
08-11-2014 00:05:05	40.4618	18.4509	118625.3779
08-11-2014 00:06:05	40.5781	18.5051	118675.4038
08-11-2014 00:07:05	40.6957	18.5592	118725.4855
08-11-2014 00:08:05	40.812	18.6138	118775.5331
08-11-2014 00:09:05	40.9296	18.6681	118825.6359
08-11-2014 00:10:05	41.0459	18.7231	118875.705
08-11-2014 00:11:05	41.1635	18.7779	118925.8288
08-11-2014 00:12:05	41.2805	18.8336	118975.8769
08-11-2014 00:13:05	41.3981	18.8887	119026.0215
08-11-2014 00:14:05	41.5156	18.944	119076.1764
08-11-2014 00:15:05	41.6326	19.0003	119126.2558
08-11-2014 00:16:05	41.7508	19.0563	119176.3886
08-11-2014 00:17:05	41.8684	19.1122	119226.5744
08-11-2014 00:18:05	41.9866	19.1686	119276.7274
08-11-2014 00:19:05	42.1035	19.2256	119326.848
08-11-2014 00:20:05	42.2217	19.2824	119377.0212
08-11-2014 00:21:05	42.3399	19.3393	119427.2044
08-11-2014 00:22:05	42.4581	19.3965	119477.3975

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 00:23:05	42.5769	19.4542	119527.5571
08-11-2014 00:24:05	42.6951	19.5117	119577.7699
08-11-2014 00:25:05	42.8139	19.5698	119627.9491
08-11-2014 00:26:05	42.9322	19.6277	119678.1815
08-11-2014 00:27:05	43.051	19.6862	119728.3801
08-11-2014 00:28:05	43.1698	19.7448	119778.5883
08-11-2014 00:29:05	43.2886	19.8037	119828.8061
08-11-2014 00:30:05	43.4081	19.8619	119879.1176
08-11-2014 00:31:05	43.5269	19.9211	119929.3545
08-11-2014 00:32:05	43.6464	19.9809	119979.5568
08-11-2014 00:33:05	43.7652	20.0404	120029.8127
08-11-2014 00:34:05	43.8853	20.0998	120080.1175
08-11-2014 00:35:05	44.0048	20.1601	120130.3479
08-11-2014 00:36:05	44.1242	20.2206	120180.5875
08-11-2014 00:37:05	44.2444	20.2805	120230.9199
08-11-2014 00:38:05	44.3638	20.3414	120281.178
08-11-2014 00:39:05	44.4839	20.4017	120331.5285
08-11-2014 00:40:05	44.604	20.4634	120381.7604
08-11-2014 00:41:05	44.7242	20.524	120432.129
08-11-2014 00:42:05	44.8443	20.5861	120482.3791
08-11-2014 00:43:05	44.965	20.6475	120532.7207
08-11-2014 00:44:05	45.0852	20.7087	120583.1161
08-11-2014 00:45:05	45.2053	20.7712	120633.3931
08-11-2014 00:46:05	45.3267	20.8337	120683.7162
08-11-2014 00:47:05	45.4475	20.8958	120734.0931
08-11-2014 00:48:05	45.5676	20.9589	120784.3969
08-11-2014 00:49:05	45.689	21.0219	120834.746
08-11-2014 00:50:05	45.8098	21.0846	120885.1492
08-11-2014 00:51:05	45.9312	21.1479	120935.5157
08-11-2014 00:52:05	46.0526	21.2114	120985.8907
08-11-2014 00:53:05	46.1741	21.2751	121036.2742
08-11-2014 00:54:05	46.2949	21.3397	121086.5851
08-11-2014 00:55:05	46.4163	21.4038	121136.9858
08-11-2014 00:56:05	46.5384	21.4684	121187.3492
08-11-2014 00:57:05	46.6598	21.5328	121237.7671
08-11-2014 00:58:05	46.7819	21.5979	121288.1472
08-11-2014 00:59:05	46.904	21.6631	121338.5359
08-11-2014 01:00:05	47.0262	21.7272	121389.0596
08-11-2014 01:01:05	47.1483	21.7928	121439.4649
08-11-2014 01:02:05	47.2705	21.8585	121489.8786
08-11-2014 01:03:05	47.3932	21.9249	121540.2542

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 01:04:05	47.5153	21.991	121590.6845
08-11-2014 01:05:05	47.6375	22.0573	121641.1232
08-11-2014 01:06:05	47.761	22.1235	121691.6033
08-11-2014 01:07:05	47.8838	22.1906	121742.0118
08-11-2014 01:08:05	48.006	22.2574	121792.4753
08-11-2014 01:09:05	48.1288	22.3249	121842.9003
08-11-2014 01:10:05	48.2523	22.3917	121893.4128
08-11-2014 01:11:05	48.3757	22.46	121943.8071
08-11-2014 01:12:05	48.4993	22.5272	121994.3355
08-11-2014 01:13:05	48.6221	22.5954	122044.7931
08-11-2014 01:14:05	48.7456	22.6642	122095.2117
08-11-2014 01:15:05	48.8692	22.732	122145.7641
08-11-2014 01:16:05	48.9927	22.8012	122196.1989
08-11-2014 01:17:05	49.1169	22.8697	122246.72
08-11-2014 01:18:05	49.2405	22.9393	122297.1708
08-11-2014 01:19:05	49.3647	23.0082	122347.7077
08-11-2014 01:20:05	49.489	23.0773	122398.2526
08-11-2014 01:21:05	49.6132	23.1479	122448.6799
08-11-2014 01:22:05	49.7375	23.2173	122499.2405
08-11-2014 01:23:05	49.8617	23.2882	122549.6836
08-11-2014 01:24:05	49.9861	23.358	122600.2601
08-11-2014 01:25:05	50.111	23.4285	122650.7966
08-11-2014 01:26:05	50.236	23.4992	122701.3408
08-11-2014 01:27:05	50.3603	23.5708	122751.8157
08-11-2014 01:28:05	50.4853	23.6418	122802.3757
08-11-2014 01:29:05	50.611	23.7134	122852.8954
08-11-2014 01:30:05	50.736	23.7848	122903.4709
08-11-2014 01:31:05	50.8611	23.8563	122954.0542
08-11-2014 01:32:05	50.9861	23.9293	123004.5206
08-11-2014 01:33:05	51.1118	24.0017	123055.0714
08-11-2014 01:34:05	51.2376	24.0742	123105.6298
08-11-2014 01:35:05	51.3633	24.147	123156.1961
08-11-2014 01:36:05	51.4891	24.2199	123206.77
08-11-2014 01:37:05	51.615	24.2929	123257.3517
08-11-2014 01:38:05	51.7408	24.3662	123307.9413
08-11-2014 01:39:05	51.8667	24.4396	123358.5386
08-11-2014 01:40:05	51.9932	24.5137	123409.0952
08-11-2014 01:41:05	52.1197	24.588	123459.6593
08-11-2014 01:42:05	52.2456	24.6619	123510.28
08-11-2014 01:43:05	52.3722	24.7365	123560.8598
08-11-2014 01:44:05	52.4988	24.8113	123611.4473

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 01:45:05	52.6254	24.8863	123662.0426
08-11-2014 01:46:05	52.7528	24.9606	123712.7204
08-11-2014 01:47:05	52.8801	25.0364	123763.2821
08-11-2014 01:48:05	53.0068	25.1119	123813.9007
08-11-2014 01:49:05	53.1341	25.1881	123864.478
08-11-2014 01:50:05	53.2608	25.2639	123915.1123
08-11-2014 01:51:05	53.389	25.3396	123965.7793
08-11-2014 01:52:05	53.5164	25.4163	124016.3799
08-11-2014 01:53:05	53.6439	25.4931	124066.9885
08-11-2014 01:54:05	53.7713	25.5702	124117.6048
08-11-2014 01:55:05	53.8996	25.6466	124168.3026
08-11-2014 01:56:05	54.0277	25.7244	124218.8851
08-11-2014 01:57:05	54.1553	25.802	124269.525
08-11-2014 01:58:05	54.2843	25.8794	124320.1965
08-11-2014 01:59:05	54.4119	25.9573	124370.8522
08-11-2014 02:00:05	54.541	26.0351	124421.5392
08-11-2014 02:01:05	54.6693	26.1138	124472.1611
08-11-2014 02:02:05	54.7976	26.1927	124522.7908
08-11-2014 02:03:05	54.9268	26.271	124573.5012
08-11-2014 02:04:05	55.0552	26.3502	124624.147
08-11-2014 02:05:05	55.1844	26.4289	124674.8731
08-11-2014 02:06:05	55.3135	26.5089	124725.4849
08-11-2014 02:07:05	55.4428	26.5879	124776.2267
08-11-2014 02:08:05	55.572	26.6683	124826.8546
08-11-2014 02:09:05	55.702	26.7481	124877.5622
08-11-2014 02:10:05	55.8306	26.8284	124928.2562
08-11-2014 02:11:05	55.9607	26.9085	124978.9798
08-11-2014 02:12:05	56.0908	26.9889	125029.7114
08-11-2014 02:13:05	56.2207	27.0706	125080.3293
08-11-2014 02:14:05	56.3509	27.1513	125131.0768
08-11-2014 02:15:05	56.4812	27.2322	125181.8324
08-11-2014 02:16:05	56.6113	27.3144	125232.4749
08-11-2014 02:17:05	56.7416	27.3956	125283.2468
08-11-2014 02:18:05	56.8726	27.4775	125333.9763
08-11-2014 02:19:05	57.0028	27.5602	125384.6434
08-11-2014 02:20:05	57.1339	27.6424	125435.3892
08-11-2014 02:21:05	57.265	27.7248	125486.1433
08-11-2014 02:22:05	57.3954	27.808	125536.8353
08-11-2014 02:23:05	57.5266	27.8907	125587.6059
08-11-2014 02:24:05	57.6579	27.9736	125638.3849
08-11-2014 02:25:05	57.7898	28.0571	125689.1213

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 02:26:05	57.9212	28.1403	125739.9168
08-11-2014 02:27:05	58.0524	28.2249	125790.6005
08-11-2014 02:28:05	58.1845	28.3089	125841.3621
08-11-2014 02:29:05	58.316	28.3926	125892.183
08-11-2014 02:30:05	58.4482	28.4769	125942.9615
08-11-2014 02:31:05	58.5804	28.5614	125993.7485
08-11-2014 02:32:05	58.7133	28.6467	126044.493
08-11-2014 02:33:05	58.8457	28.7315	126095.2971
08-11-2014 02:34:05	58.9781	28.8165	126146.1099
08-11-2014 02:35:05	59.1103	28.9029	126196.8117
08-11-2014 02:36:05	59.2429	28.9882	126247.6419
08-11-2014 02:37:05	59.3761	29.0743	126298.4296
08-11-2014 02:38:05	59.5093	29.1604	126349.2262
08-11-2014 02:39:05	59.6427	29.2468	126400.0315
08-11-2014 02:40:05	59.776	29.3333	126450.8457
08-11-2014 02:41:05	59.9095	29.4199	126501.6687
08-11-2014 02:42:05	60.043	29.5067	126552.5007
08-11-2014 02:43:05	60.1766	29.5937	126603.3416
08-11-2014 02:44:05	60.3102	29.6808	126654.1915
08-11-2014 02:45:05	60.4445	29.7686	126704.9993
08-11-2014 02:46:05	60.5791	29.8554	126755.9344
08-11-2014 02:47:05	60.7136	29.9435	126806.7602
08-11-2014 02:48:05	60.8481	30.0318	126857.5951
08-11-2014 02:49:05	60.9827	30.1203	126908.4394
08-11-2014 02:50:05	61.1174	30.2089	126959.2928
08-11-2014 02:51:05	61.2521	30.2976	127010.1556
08-11-2014 02:52:05	61.3869	30.3865	127061.0277
08-11-2014 02:53:05	61.5218	30.4756	127111.9094
08-11-2014 02:54:05	61.6573	30.5654	127162.7489
08-11-2014 02:55:05	61.7932	30.654	127213.7154
08-11-2014 02:56:05	61.9289	30.7441	127264.5739
08-11-2014 02:57:05	62.0641	30.8338	127315.4936
08-11-2014 02:58:05	62.2	30.9242	127366.3713
08-11-2014 02:59:05	62.336	31.0147	127417.2589
08-11-2014 03:00:05	62.4729	31.1047	127468.2214
08-11-2014 03:01:05	62.609	31.1955	127519.1284
08-11-2014 03:02:05	62.7452	31.2865	127570.0452
08-11-2014 03:03:05	62.8821	31.3782	127620.9205
08-11-2014 03:04:05	63.0184	31.4695	127671.8572
08-11-2014 03:05:05	63.1558	31.5602	127722.8687
08-11-2014 03:06:05	63.2929	31.6523	127773.7738

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 03:07:05	63.4302	31.7446	127824.6892
08-11-2014 03:08:05	63.5678	31.8358	127875.7306
08-11-2014 03:09:05	63.7052	31.9284	127926.6664
08-11-2014 03:10:05	63.8427	32.0211	127977.6124
08-11-2014 03:11:05	63.9803	32.114	128028.5688
08-11-2014 03:12:05	64.1189	32.2063	128079.5994
08-11-2014 03:13:05	64.2573	32.3	128130.5249
08-11-2014 03:14:05	64.3952	32.3933	128181.5128
08-11-2014 03:15:05	64.5341	32.4861	128232.5745
08-11-2014 03:16:05	64.6728	32.5802	128283.5318
08-11-2014 03:17:05	64.8126	32.6738	128334.563
08-11-2014 03:18:05	64.9509	32.7677	128385.5935
08-11-2014 03:19:05	65.0899	32.8623	128436.5831
08-11-2014 03:20:05	65.2299	32.9563	128487.6465
08-11-2014 03:21:05	65.3691	33.0512	128538.6579
08-11-2014 03:22:05	65.5094	33.1455	128589.7429
08-11-2014 03:23:05	65.6488	33.2407	128640.7766
08-11-2014 03:24:05	65.7883	33.336	128691.8213
08-11-2014 03:25:05	65.9295	33.4313	128742.8877
08-11-2014 03:26:05	66.0693	33.5268	128793.955
08-11-2014 03:27:05	66.2107	33.6224	128845.0438
08-11-2014 03:28:05	66.3507	33.7183	128896.1339
08-11-2014 03:29:05	66.4924	33.8141	128947.2454
08-11-2014 03:30:05	66.6332	33.9108	128998.3067
08-11-2014 03:31:05	66.7751	34.007	129049.4411
08-11-2014 03:32:05	66.9162	34.1039	129100.5259
08-11-2014 03:33:05	67.0574	34.201	129151.6224
08-11-2014 03:34:05	67.1997	34.2976	129202.7918
08-11-2014 03:35:05	67.3418	34.3955	129253.8603
08-11-2014 03:36:05	67.4843	34.4923	129305.0534
08-11-2014 03:37:05	67.626	34.59	129356.1978
08-11-2014 03:38:05	67.7694	34.6876	129407.3631
08-11-2014 03:39:05	67.913	34.7854	129458.5404
08-11-2014 03:40:05	68.0551	34.8834	129509.7213
08-11-2014 03:41:05	68.1989	34.9815	129560.923
08-11-2014 03:42:05	68.3419	35.0804	129612.0771
08-11-2014 03:43:05	68.486	35.1787	129663.3036
08-11-2014 03:44:05	68.6292	35.2778	129714.4828
08-11-2014 03:45:05	68.7736	35.3764	129765.7342
08-11-2014 03:46:05	68.9178	35.4763	129816.8872
08-11-2014 03:47:05	69.0624	35.5752	129868.164

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 03:48:05	69.2069	35.6754	129919.3427
08-11-2014 03:49:05	69.3519	35.7745	129970.6452
08-11-2014 03:50:05	69.4976	35.8743	130021.909
08-11-2014 03:51:05	69.6425	35.9749	130073.1268
08-11-2014 03:52:05	69.7879	36.0743	130124.4683
08-11-2014 03:53:05	69.9331	36.1752	130175.7127
08-11-2014 03:54:05	70.0795	36.2754	130227.0291
08-11-2014 03:55:05	70.226	36.3759	130278.3588
08-11-2014 03:56:05	70.3723	36.4777	130329.5921
08-11-2014 03:57:05	70.5192	36.5783	130380.9488
08-11-2014 03:58:05	70.6652	36.6798	130432.261
08-11-2014 03:59:05	70.813	36.7813	130483.5935
08-11-2014 04:00:05	70.9603	36.8823	130534.9912
08-11-2014 04:01:05	71.1075	36.9847	130586.2936
08-11-2014 04:02:05	71.2552	37.0859	130637.7191
08-11-2014 04:03:05	71.4036	37.1879	130689.1072
08-11-2014 04:04:05	71.5513	37.2906	130740.452
08-11-2014 04:05:05	71.7002	37.3928	130791.8686
08-11-2014 04:06:05	71.8492	37.4951	130843.2993
08-11-2014 04:07:05	71.9974	37.5982	130894.6873
08-11-2014 04:08:05	72.1468	37.7008	130946.1469
08-11-2014 04:09:05	72.297	37.804	130997.5698
08-11-2014 04:10:05	72.4458	37.9075	131049.002
08-11-2014 04:11:05	72.5963	38.0109	131100.4543
08-11-2014 04:12:05	72.7465	38.1139	131151.9726
08-11-2014 04:13:05	72.8965	38.2183	131203.3984
08-11-2014 04:14:05	73.0477	38.3221	131254.8956
08-11-2014 04:15:05	73.1984	38.4254	131306.4589
08-11-2014 04:16:05	73.349	38.5301	131357.9303
08-11-2014 04:17:05	73.5007	38.6342	131409.4731
08-11-2014 04:18:05	73.6527	38.7385	131461.0313
08-11-2014 04:19:05	73.8039	38.8435	131512.5492
08-11-2014 04:20:05	73.957	38.9485	131564.0877
08-11-2014 04:21:05	74.1096	39.0531	131615.6924
08-11-2014 04:22:05	74.2614	39.1584	131667.2577
08-11-2014 04:23:05	74.4151	39.2638	131718.8435
08-11-2014 04:24:05	74.5684	39.3687	131770.4959
08-11-2014 04:25:05	74.7225	39.4742	131822.1136
08-11-2014 04:26:05	74.8759	39.5806	131873.6927
08-11-2014 04:27:05	75.0305	39.6863	131925.3428
08-11-2014 04:28:05	75.1847	39.7916	131977.0599

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 04:29:05	75.3387	39.8982	132028.6883
08-11-2014 04:30:05	75.494	40.0043	132080.3877
08-11-2014 04:31:05	75.6502	40.1111	132132.0535
08-11-2014 04:32:05	75.8059	40.2173	132183.7863
08-11-2014 04:33:05	75.9609	40.3243	132235.482
08-11-2014 04:34:05	76.1178	40.4314	132287.1984
08-11-2014 04:35:05	76.2743	40.5379	132338.982
08-11-2014 04:36:05	76.4318	40.6452	132390.7325
08-11-2014 04:37:05	76.5877	40.7525	132442.4969
08-11-2014 04:38:05	76.7456	40.86	132494.2821
08-11-2014 04:39:05	76.9038	40.9675	132546.0847
08-11-2014 04:40:05	77.0612	41.0757	132597.8518
08-11-2014 04:41:05	77.2193	41.1828	132649.7395
08-11-2014 04:42:05	77.3783	41.2906	132701.5951
08-11-2014 04:43:05	77.5382	41.3991	132753.4188
08-11-2014 04:44:05	77.6966	41.5077	132805.2574
08-11-2014 04:45:05	77.8564	41.6157	132857.1669
08-11-2014 04:46:05	78.0165	41.7238	132909.0945
08-11-2014 04:47:05	78.1776	41.8327	132960.9909
08-11-2014 04:48:05	78.3371	41.9416	133012.9027
08-11-2014 04:49:05	78.4987	42.0506	133064.836
08-11-2014 04:50:05	78.6606	42.1596	133116.7879
08-11-2014 04:51:05	78.8221	42.2682	133168.8077
08-11-2014 04:52:05	78.9836	42.378	133220.7452
08-11-2014 04:53:05	79.1463	42.4873	133272.7535
08-11-2014 04:54:05	79.3094	42.5967	133324.7809
08-11-2014 04:55:05	79.4728	42.7061	133376.8273
08-11-2014 04:56:05	79.6355	42.8163	133428.8415
08-11-2014 04:57:05	79.7995	42.9259	133480.9265
08-11-2014 04:58:05	79.9645	43.0362	133532.9821
08-11-2014 04:59:05	80.1292	43.1459	133585.1061
08-11-2014 05:00:05	80.2931	43.2563	133637.1987
08-11-2014 05:01:05	80.4591	43.3668	133689.3135
08-11-2014 05:02:05	80.6254	43.4774	133741.4482
08-11-2014 05:03:05	80.7914	43.5874	133793.6514
08-11-2014 05:04:05	80.9573	43.6987	133845.7755
08-11-2014 05:05:05	81.1246	43.8095	133897.9706
08-11-2014 05:06:05	81.2923	43.9203	133950.186
08-11-2014 05:07:05	81.4604	44.0312	134002.4219
08-11-2014 05:08:05	81.6276	44.1428	134054.6281
08-11-2014 05:09:05	81.7964	44.2538	134106.9053

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 05:10:05	81.9655	44.3649	134159.2032
08-11-2014 05:11:05	82.135	44.476	134211.522
08-11-2014 05:12:05	82.3044	44.5884	134263.7639
08-11-2014 05:13:05	82.4746	44.6997	134316.1249
08-11-2014 05:14:05	82.6459	44.8116	134368.4592
08-11-2014 05:15:05	82.8169	44.9229	134420.8626
08-11-2014 05:16:05	82.9878	45.0356	134473.1903
08-11-2014 05:17:05	83.1602	45.1476	134525.5892
08-11-2014 05:18:05	83.3324	45.2591	134578.0572
08-11-2014 05:19:05	83.5045	45.3719	134630.4504
08-11-2014 05:20:05	83.6781	45.4841	134682.9147
08-11-2014 05:21:05	83.8521	45.5964	134735.4011
08-11-2014 05:22:05	84.0266	45.7087	134787.9097
08-11-2014 05:23:05	84.2003	45.8217	134840.3917
08-11-2014 05:24:05	84.3763	45.9347	134892.8979
08-11-2014 05:25:05	84.552	46.0471	134945.4736
08-11-2014 05:26:05	84.7281	46.1596	134998.0719
08-11-2014 05:27:05	84.9042	46.2734	135050.5977
08-11-2014 05:28:05	85.0812	46.3859	135103.2416
08-11-2014 05:29:05	85.2594	46.4991	135155.8618
08-11-2014 05:30:05	85.4368	46.613	135208.457
08-11-2014 05:31:05	85.6151	46.7257	135261.1701
08-11-2014 05:32:05	85.7946	46.839	135313.86
08-11-2014 05:33:05	85.9746	46.9523	135366.5734
08-11-2014 05:34:05	86.1539	47.0663	135419.2627
08-11-2014 05:35:05	86.3347	47.1797	135472.0234
08-11-2014 05:36:05	86.5161	47.2931	135524.8079
08-11-2014 05:37:05	86.6968	47.4072	135577.569
08-11-2014 05:38:05	86.8799	47.5213	135630.3556
08-11-2014 05:39:05	87.0627	47.6348	135683.2124
08-11-2014 05:40:05	87.2448	47.749	135736.0461
08-11-2014 05:41:05	87.4294	47.8631	135788.9058
08-11-2014 05:42:05	87.6137	47.9767	135841.8357
08-11-2014 05:43:05	87.7993	48.0909	135894.7448
08-11-2014 05:44:05	87.9841	48.2057	135947.6318
08-11-2014 05:45:05	88.17	48.3193	136000.6358
08-11-2014 05:46:05	88.3571	48.4335	136053.6196
08-11-2014 05:47:05	88.5436	48.5484	136106.582
08-11-2014 05:48:05	88.7318	48.6627	136159.6164
08-11-2014 05:49:05	88.9206	48.7769	136212.6761
08-11-2014 05:50:05	89.1086	48.8918	136265.715

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 05:51:05	89.2985	49.0061	136318.8257
08-11-2014 05:52:05	89.4889	49.1204	136371.9622
08-11-2014 05:53:05	89.6794	49.2359	136425.0342
08-11-2014 05:54:05	89.871	49.3502	136478.2226
08-11-2014 05:55:05	90.0631	49.4644	136531.4369
08-11-2014 05:56:05	90.2554	49.5799	136584.5878
08-11-2014 05:57:05	90.4494	49.6948	136637.8107
08-11-2014 05:58:05	90.6433	49.8091	136691.1041
08-11-2014 05:59:05	90.8374	49.9246	136744.3347
08-11-2014 06:00:05	91.0333	50.0394	136797.6377
08-11-2014 06:01:05	91.2285	50.1549	136850.9222
08-11-2014 06:02:05	91.4249	50.2691	136904.3225
08-11-2014 06:03:05	91.6226	50.3839	136957.7064
08-11-2014 06:04:05	91.8197	50.4993	137011.0723
08-11-2014 06:05:05	92.0196	50.6147	137064.4677
08-11-2014 06:06:05	92.2193	50.7294	137117.9337
08-11-2014 06:07:05	92.4183	50.8448	137171.3824
08-11-2014 06:08:05	92.6193	50.9594	137224.9035
08-11-2014 06:09:05	92.8206	51.0754	137278.3652
08-11-2014 06:10:05	93.0229	51.19	137331.9423
08-11-2014 06:11:05	93.2267	51.3052	137385.5048
08-11-2014 06:12:05	93.4292	51.4204	137439.0935
08-11-2014 06:13:05	93.6344	51.5356	137492.7127
08-11-2014 06:14:05	93.8391	51.6513	137546.3162
08-11-2014 06:15:05	94.0449	51.7657	137600.0344
08-11-2014 06:16:05	94.2522	51.8808	137653.7395
08-11-2014 06:17:05	94.459	51.9964	137707.4294
08-11-2014 06:18:05	94.6679	52.1113	137761.1923
08-11-2014 06:19:05	94.8761	52.2269	137814.9403
08-11-2014 06:20:05	95.0865	52.3417	137868.7615
08-11-2014 06:21:05	95.2962	52.4571	137922.5683
08-11-2014 06:22:05	95.509	52.5724	137976.4071
08-11-2014 06:23:05	95.7216	52.6871	138030.3167
08-11-2014 06:24:05	95.9336	52.8023	138084.2122
08-11-2014 06:25:05	96.1487	52.9175	138138.1405
08-11-2014 06:26:05	96.3624	53.0326	138192.0959
08-11-2014 06:27:05	96.579	53.1476	138246.0844
08-11-2014 06:28:05	96.7943	53.2626	138300.1002
08-11-2014 06:29:05	97.0126	53.3775	138354.1491
08-11-2014 06:30:05	97.2304	53.4929	138408.1855
08-11-2014 06:31:05	97.4495	53.607	138462.3357

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 06:32:05	97.669	53.7223	138516.4335
08-11-2014 06:33:05	97.8907	53.8369	138570.6051
08-11-2014 06:34:05	98.1119	53.952	138624.7649
08-11-2014 06:35:05	98.3353	54.0664	138678.9986
08-11-2014 06:36:05	98.5583	54.1814	138733.2207
08-11-2014 06:37:05	98.7844	54.2962	138787.4777
08-11-2014 06:38:05	99.0092	54.411	138841.7628
08-11-2014 06:39:05	99.2362	54.525	138896.122
08-11-2014 06:40:05	99.4637	54.6402	138950.4316
08-11-2014 06:41:05	99.6926	54.7539	139004.8542
08-11-2014 06:42:05	99.921	54.8683	139059.2664
08-11-2014 06:43:05	100.1527	54.9825	139113.7144
08-11-2014 06:44:05	100.384	55.0973	139168.1526
08-11-2014 06:45:05	100.6153	55.2113	139222.6613
08-11-2014 06:46:05	100.85	55.3251	139277.2065
08-11-2014 06:47:05	101.0842	55.4395	139331.7422
08-11-2014 06:48:05	101.3208	55.5531	139386.3527
08-11-2014 06:49:05	101.5571	55.6673	139440.9543
08-11-2014 06:50:05	101.7957	55.7806	139495.6305
08-11-2014 06:51:05	102.034	55.8945	139550.2981
08-11-2014 06:52:05	102.2733	56.0083	139604.9989
08-11-2014 06:53:05	102.5151	56.1212	139659.7747
08-11-2014 06:54:05	102.7565	56.2346	139714.5423
08-11-2014 06:55:05	103.0004	56.3473	139769.385
08-11-2014 06:56:05	103.245	56.4611	139824.1832
08-11-2014 06:57:05	103.4897	56.5741	139879.0518
08-11-2014 06:58:05	103.7379	56.6868	139933.9594
08-11-2014 06:59:05	103.9848	56.7995	139988.8961
08-11-2014 07:00:05	104.2353	56.912	140043.8719
08-11-2014 07:01:05	104.4844	57.0244	140098.8768
08-11-2014 07:02:05	104.7358	57.1372	140153.8805
08-11-2014 07:03:05	104.9897	57.2491	140208.9597
08-11-2014 07:04:05	105.2434	57.3616	140264.0327
08-11-2014 07:05:05	105.4983	57.4738	140319.1406
08-11-2014 07:06:05	105.7558	57.5852	140374.3243
08-11-2014 07:07:05	106.0131	57.6971	140429.5022
08-11-2014 07:08:05	106.2716	57.8088	140484.7153
08-11-2014 07:09:05	106.5327	57.9196	140540.0044
08-11-2014 07:10:05	106.7937	58.0309	140595.2881
08-11-2014 07:11:05	107.056	58.1421	140650.6074
08-11-2014 07:12:05	107.3206	58.2536	140705.928

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 07:13:05	107.5868	58.3635	140761.3593
08-11-2014 07:14:05	107.8529	58.474	140816.7857
08-11-2014 07:15:05	108.1214	58.5848	140872.2144
08-11-2014 07:16:05	108.3915	58.6941	140927.7532
08-11-2014 07:17:05	108.6627	58.8045	140983.2544
08-11-2014 07:18:05	108.9352	58.9147	141038.7921
08-11-2014 07:19:05	109.208	59.024	141094.3995
08-11-2014 07:20:05	109.4847	59.1329	141150.0506
08-11-2014 07:21:05	109.7613	59.2424	141205.6982
08-11-2014 07:22:05	110.0394	59.3515	141261.3827
08-11-2014 07:23:05	110.3189	59.4604	141317.1044
08-11-2014 07:24:05	110.6012	59.5684	141372.903
08-11-2014 07:25:05	110.8836	59.6768	141428.6989
08-11-2014 07:26:05	111.1674	59.7849	141484.532
08-11-2014 07:27:05	111.4526	59.8927	141540.4025
08-11-2014 07:28:05	111.7394	60.0003	141596.3107
08-11-2014 07:29:05	112.029	60.1068	141652.296
08-11-2014 07:30:05	112.32	60.2144	141708.2481
08-11-2014 07:31:05	112.6113	60.3211	141764.2694
08-11-2014 07:32:05	112.9053	60.428	141820.2977
08-11-2014 07:33:05	113.1997	60.5341	141876.3949
08-11-2014 07:34:05	113.4968	60.6405	141932.4997
08-11-2014 07:35:05	113.7958	60.7452	141988.7129
08-11-2014 07:36:05	114.0961	60.8509	142044.8947
08-11-2014 07:37:05	114.3981	60.9563	142101.1151
08-11-2014 07:38:05	114.7004	61.0608	142157.4042
08-11-2014 07:39:05	115.0056	61.1655	142213.702
08-11-2014 07:40:05	115.3124	61.2698	142270.039
08-11-2014 07:41:05	115.621	61.3739	142326.4149
08-11-2014 07:42:05	115.9312	61.4775	142382.83
08-11-2014 07:43:05	116.2446	61.5801	142439.3237
08-11-2014 07:44:05	116.5582	61.683	142495.8174
08-11-2014 07:45:05	116.8735	61.7856	142552.3505
08-11-2014 07:46:05	117.1906	61.8877	142608.9232
08-11-2014 07:47:05	117.5108	61.9901	142665.5072
08-11-2014 07:48:05	117.8314	62.0915	142722.1594
08-11-2014 07:49:05	118.1538	62.1925	142778.8514
08-11-2014 07:50:05	118.4793	62.2937	142835.5555
08-11-2014 07:51:05	118.8053	62.3939	142892.3275
08-11-2014 07:52:05	119.1345	62.4942	142949.1123
08-11-2014 07:53:05	119.4641	62.5936	143005.9647

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 07:54:05	119.797	62.693	143062.8303
08-11-2014 07:55:05	120.1318	62.7921	143119.7366
08-11-2014 07:56:05	120.467	62.8901	143176.7105
08-11-2014 07:57:05	120.8055	62.9883	143233.6983
08-11-2014 07:58:05	121.146	63.086	143290.7271
08-11-2014 07:59:05	121.4884	63.1832	143347.7969
08-11-2014 08:00:05	121.8327	63.2799	143404.9079
08-11-2014 08:01:05	122.179	63.3762	143462.06
08-11-2014 08:02:05	122.5272	63.472	143519.2535
08-11-2014 08:03:05	122.8774	63.5673	143576.4883
08-11-2014 08:04:05	123.2296	63.6621	143633.7647
08-11-2014 08:05:05	123.5838	63.7564	143691.0825
08-11-2014 08:06:05	123.9416	63.8507	143748.4172
08-11-2014 08:07:05	124.2998	63.9439	143805.8187
08-11-2014 08:08:05	124.6601	64.0367	143863.2619
08-11-2014 08:09:05	125.0226	64.1302	143920.6843
08-11-2014 08:10:05	125.387	64.2218	143978.2117
08-11-2014 08:11:05	125.755	64.3134	144035.7571
08-11-2014 08:12:05	126.1236	64.4039	144093.3688
08-11-2014 08:13:05	126.4959	64.4944	144150.9991
08-11-2014 08:14:05	126.8702	64.5843	144208.6723
08-11-2014 08:15:05	127.2451	64.6731	144266.4111
08-11-2014 08:16:05	127.6238	64.7618	144324.1696
08-11-2014 08:17:05	128.0031	64.8508	144381.9326
08-11-2014 08:18:05	128.3861	64.9382	144439.777
08-11-2014 08:19:05	128.7712	65.0251	144497.6644
08-11-2014 08:20:05	129.1585	65.1114	144555.595
08-11-2014 08:21:05	129.548	65.197	144613.5689
08-11-2014 08:22:05	129.9397	65.2819	144671.586
08-11-2014 08:23:05	130.3321	65.3671	144729.6082
08-11-2014 08:24:05	130.7282	65.4508	144787.7121
08-11-2014 08:25:05	131.1283	65.5342	144845.8384
08-11-2014 08:26:05	131.5288	65.6165	144904.0296
08-11-2014 08:27:05	131.9316	65.6981	144962.2646
08-11-2014 08:28:05	132.3369	65.7804	145020.4845
08-11-2014 08:29:05	132.7441	65.8606	145078.8073
08-11-2014 08:30:05	133.1536	65.9401	145137.1739
08-11-2014 08:31:05	133.5671	66.0193	145195.5645
08-11-2014 08:32:05	133.9815	66.0987	145253.9613
08-11-2014 08:33:05	134.3978	66.176	145312.4604
08-11-2014 08:34:05	134.8181	66.253	145370.9843

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 08:35:05	135.2393	66.3301	145429.5148
08-11-2014 08:36:05	135.6623	66.4051	145488.1471
08-11-2014 08:37:05	136.0895	66.4798	145546.805
08-11-2014 08:38:05	136.5175	66.5546	145605.4696
08-11-2014 08:39:05	136.9492	66.6276	145664.2173
08-11-2014 08:40:05	137.3831	66.6999	145723.0099
08-11-2014 08:41:05	137.818	66.7723	145781.8096
08-11-2014 08:42:05	138.2565	66.8429	145840.6924
08-11-2014 08:43:05	138.6973	66.9127	145899.6205
08-11-2014 08:44:05	139.139	66.9825	145958.5557
08-11-2014 08:45:05	139.5862	67.051	146017.5572
08-11-2014 08:46:05	140.0337	67.1182	146076.6213
08-11-2014 08:47:05	140.4821	67.1855	146135.693
08-11-2014 08:48:05	140.9361	67.2513	146194.8316
08-11-2014 08:49:05	141.389	67.3168	146253.9944
08-11-2014 08:50:05	141.8455	67.3805	146313.241
08-11-2014 08:51:05	142.3061	67.4436	146372.5175
08-11-2014 08:52:05	142.7657	67.5063	146431.8176
08-11-2014 08:53:05	143.2307	67.5676	146491.1862
08-11-2014 08:54:05	143.6967	67.6288	146550.563
08-11-2014 08:55:05	144.164	67.6878	146610.0393
08-11-2014 08:56:05	144.6344	67.7471	146669.5086
08-11-2014 08:57:05	145.1081	67.8045	146729.0626
08-11-2014 08:58:05	145.5827	67.8619	146788.6248
08-11-2014 08:59:05	146.0606	67.9173	146848.2719
08-11-2014 09:00:05	146.5373	67.9724	146907.9414
08-11-2014 09:01:05	147.0194	68.0258	146967.6815
08-11-2014 09:02:05	147.5023	68.0791	147027.4303
08-11-2014 09:03:05	147.9906	68.1308	147087.2506
08-11-2014 09:04:05	148.4776	68.1821	147147.0932
08-11-2014 09:05:05	148.9677	68.2314	147207.0209
08-11-2014 09:06:05	149.4586	68.2805	147266.9573
08-11-2014 09:07:05	149.9526	68.3277	147326.979
08-11-2014 09:08:05	150.4496	68.375	147386.9973
08-11-2014 09:09:05	150.9463	68.421	147447.0751
08-11-2014 09:10:05	151.4459	68.4649	147507.2383
08-11-2014 09:11:05	151.9485	68.5089	147567.3989
08-11-2014 09:12:05	152.4516	68.5506	147627.6568
08-11-2014 09:13:05	152.9578	68.5924	147687.9125
08-11-2014 09:14:05	153.4634	68.6328	147748.227
08-11-2014 09:15:05	153.974	68.6714	147808.6165

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 09:16:05	154.483	68.7095	147869.026
08-11-2014 09:17:05	154.9967	68.7458	147929.5109
08-11-2014 09:18:05	155.5112	68.7819	147990.0057
08-11-2014 09:19:05	156.0273	68.8168	148050.5483
08-11-2014 09:20:05	156.5457	68.8496	148111.1773
08-11-2014 09:21:05	157.0624	68.8819	148171.8257
08-11-2014 09:22:05	157.5829	68.9133	148232.5123
08-11-2014 09:23:05	158.1047	68.9435	148293.2472
08-11-2014 09:24:05	158.6287	68.9714	148354.0686
08-11-2014 09:25:05	159.1532	68.9992	148414.9
08-11-2014 09:26:05	159.679	69.0258	148475.7795
08-11-2014 09:27:05	160.209	69.0503	148536.7377
08-11-2014 09:28:05	160.7371	69.0744	148597.7142
08-11-2014 09:29:05	161.2664	69.0972	148658.7391
08-11-2014 09:30:05	161.7967	69.1188	148719.8125
08-11-2014 09:31:05	162.331	69.1384	148780.9655
08-11-2014 09:32:05	162.8633	69.1575	148842.1361
08-11-2014 09:33:05	163.3965	69.1754	148903.3552
08-11-2014 09:34:05	163.933	69.1921	148964.6161
08-11-2014 09:35:05	164.4678	69.2075	149025.9327
08-11-2014 09:36:05	165.0064	69.2207	149087.3302
08-11-2014 09:37:05	165.5428	69.2335	149148.7443
08-11-2014 09:38:05	166.0822	69.2451	149210.2013
08-11-2014 09:39:05	166.6222	69.2555	149271.7074
08-11-2014 09:40:05	167.1603	69.2644	149333.268
08-11-2014 09:41:05	167.7013	69.2722	149394.8723
08-11-2014 09:42:05	168.2432	69.2777	149456.5647
08-11-2014 09:43:05	168.785	69.2829	149518.2677
08-11-2014 09:44:05	169.3272	69.2868	149580.0198
08-11-2014 09:45:05	169.8696	69.2894	149641.8213
08-11-2014 09:46:05	170.4097	69.2905	149703.6763
08-11-2014 09:47:05	170.9525	69.2905	149765.5762
08-11-2014 09:48:05	171.4977	69.2893	149827.5222
08-11-2014 09:49:05	172.0406	69.2866	149889.5213
08-11-2014 09:50:05	172.5834	69.2827	149951.5699
08-11-2014 09:51:05	173.1262	69.2774	150013.668
08-11-2014 09:52:05	173.6688	69.2708	150075.8155
08-11-2014 09:53:05	174.2112	69.2629	150138.0126
08-11-2014 09:54:05	174.7558	69.2538	150200.2569
08-11-2014 09:55:05	175.2976	69.2432	150262.5533
08-11-2014 09:56:05	175.839	69.2314	150324.8992

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 09:57:05	176.3825	69.2183	150387.2933
08-11-2014 09:58:05	176.923	69.2039	150449.7387
08-11-2014 09:59:05	177.4654	69.1881	150512.2325
08-11-2014 10:00:05	178.0047	69.1711	150574.7774
08-11-2014 10:01:05	178.5459	69.1527	150637.3713
08-11-2014 10:02:05	179.0863	69.1331	150700.0152
08-11-2014 10:03:05	179.6235	69.1121	150762.7095
08-11-2014 10:04:05	180.1623	69.0898	150825.4535
08-11-2014 10:05:05	180.7002	69.0663	150888.2478
08-11-2014 10:06:05	181.2348	69.0414	150951.0916
08-11-2014 10:07:05	181.7708	69.0152	151013.9859
08-11-2014 10:08:05	182.3057	68.9878	151076.9304
08-11-2014 10:09:05	182.8396	68.9591	151139.9251
08-11-2014 10:10:05	183.3723	68.9291	151202.9699
08-11-2014 10:11:05	183.904	68.8988	151266.0249
08-11-2014 10:12:05	184.4343	68.8662	151329.1702
08-11-2014 10:13:05	184.9632	68.8324	151392.3656
08-11-2014 10:14:05	185.4909	68.7973	151455.6113
08-11-2014 10:15:05	186.0172	68.761	151518.9071
08-11-2014 10:16:05	186.5444	68.7233	151582.256
08-11-2014 10:17:05	187.068	68.6855	151645.6124
08-11-2014 10:18:05	187.5899	68.6454	151709.0591
08-11-2014 10:19:05	188.1102	68.6041	151772.5561
08-11-2014 10:20:05	188.6312	68.5614	151836.107
08-11-2014 10:21:05	189.1482	68.5176	151899.7046
08-11-2014 10:22:05	189.6639	68.4737	151963.312
08-11-2014 10:23:05	190.1799	68.4274	152027.0145
08-11-2014 10:24:05	190.6918	68.3799	152090.7629
08-11-2014 10:25:05	191.2042	68.3312	152154.5665
08-11-2014 10:26:05	191.7152	68.2823	152218.38
08-11-2014 10:27:05	192.2216	68.2314	152282.2795
08-11-2014 10:28:05	192.7284	68.1791	152346.2347
08-11-2014 10:29:05	193.2337	68.1266	152410.1998
08-11-2014 10:30:05	193.7342	68.0722	152474.2503
08-11-2014 10:31:05	194.2351	68.0164	152538.3572
08-11-2014 10:32:05	194.734	67.9594	152602.5147
08-11-2014 10:33:05	195.2313	67.9024	152666.6817
08-11-2014 10:34:05	195.726	67.8432	152730.9403
08-11-2014 10:35:05	196.2192	67.7839	152795.2084
08-11-2014 10:36:05	196.7096	67.7224	152859.5681
08-11-2014 10:37:05	197.1979	67.6599	152923.9783

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 10:38:05	197.6847	67.5972	152988.3978
08-11-2014 10:39:05	198.1686	67.5325	153052.9092
08-11-2014 10:40:05	198.6503	67.4667	153117.471
08-11-2014 10:41:05	199.1304	67.4008	153182.0417
08-11-2014 10:42:05	199.6076	67.3328	153246.7044
08-11-2014 10:43:05	200.0831	67.2648	153311.3759
08-11-2014 10:44:05	200.558	67.1945	153376.1487
08-11-2014 10:45:05	201.029	67.1244	153440.9211
08-11-2014 10:46:05	201.497	67.0523	153505.7856
08-11-2014 10:47:05	201.9655	66.9799	153570.6685
08-11-2014 10:48:05	202.4288	66.9057	153635.634
08-11-2014 10:49:05	202.8927	66.8313	153700.6181
08-11-2014 10:50:05	203.3512	66.7552	153765.6842
08-11-2014 10:51:05	203.8103	66.6788	153830.7693
08-11-2014 10:52:05	204.2641	66.6007	153895.9362
08-11-2014 10:53:05	204.7184	66.5223	153961.1223
08-11-2014 10:54:05	205.1696	66.442	154026.4013
08-11-2014 10:55:05	205.617	66.362	154091.6768
08-11-2014 10:56:05	206.0633	66.2798	154157.0566
08-11-2014 10:57:05	206.5079	66.1976	154222.4445
08-11-2014 10:58:05	206.9473	66.1139	154287.9129
08-11-2014 10:59:05	207.3871	66.0299	154353.4015
08-11-2014 11:00:05	207.8245	65.945	154418.9403
08-11-2014 11:01:05	208.2587	65.8582	154484.5722
08-11-2014 11:02:05	208.6912	65.7715	154550.2118
08-11-2014 11:03:05	209.1205	65.683	154615.9444
08-11-2014 11:04:05	209.5482	65.5945	154681.6843
08-11-2014 11:05:05	209.9734	65.5052	154747.4745
08-11-2014 11:06:05	210.3954	65.4141	154813.3578
08-11-2014 11:07:05	210.8158	65.3231	154879.2482
08-11-2014 11:08:05	211.2339	65.2313	154945.1885
08-11-2014 11:09:05	211.6505	65.1373	155011.2372
08-11-2014 11:10:05	212.0637	65.0439	155077.2778
08-11-2014 11:11:05	212.4745	64.9496	155143.3683
08-11-2014 11:12:05	212.882	64.8535	155209.5522
08-11-2014 11:13:05	213.2899	64.7573	155275.7584
08-11-2014 11:14:05	213.6935	64.6607	155341.9986
08-11-2014 11:15:05	214.0967	64.5629	155408.3049
08-11-2014 11:16:05	214.4946	64.4638	155474.6886
08-11-2014 11:17:05	214.8912	64.3648	155541.0781
08-11-2014 11:18:05	215.2872	64.2647	155607.5344

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 11:19:05	215.6809	64.1639	155674.0405
08-11-2014 11:20:05	216.0694	64.0618	155740.6233
08-11-2014 11:21:05	216.4585	63.9596	155807.229
08-11-2014 11:22:05	216.8433	63.857	155873.8667
08-11-2014 11:23:05	217.2277	63.7533	155940.5719
08-11-2014 11:24:05	217.6098	63.6489	156007.3268
08-11-2014 11:25:05	217.9896	63.5438	156074.1313
08-11-2014 11:26:05	218.3643	63.4375	156141.0113
08-11-2014 11:27:05	218.7396	63.3311	156207.9148
08-11-2014 11:28:05	219.1126	63.224	156274.8679
08-11-2014 11:29:05	219.4834	63.1162	156341.8704
08-11-2014 11:30:05	219.8519	63.0078	156408.9222
08-11-2014 11:31:05	220.2183	62.8987	156476.0234
08-11-2014 11:32:05	220.5824	62.789	156543.1738
08-11-2014 11:33:05	220.9443	62.6786	156610.3734
08-11-2014 11:34:05	221.3041	62.5677	156677.6222
08-11-2014 11:35:05	221.6606	62.4552	156744.9653
08-11-2014 11:36:05	222.0161	62.343	156812.3122
08-11-2014 11:37:05	222.3694	62.2302	156879.708
08-11-2014 11:38:05	222.7223	62.1164	156947.1742
08-11-2014 11:39:05	223.0714	62.0025	157014.668
08-11-2014 11:40:05	223.4184	61.8879	157082.2104
08-11-2014 11:41:05	223.7633	61.7728	157149.8015
08-11-2014 11:42:05	224.1078	61.6567	157217.4637
08-11-2014 11:43:05	224.4486	61.5405	157285.1521
08-11-2014 11:44:05	224.7874	61.4237	157352.889
08-11-2014 11:45:05	225.1258	61.3059	157420.6974
08-11-2014 11:46:05	225.4606	61.188	157488.5312
08-11-2014 11:47:05	225.795	61.0692	157556.4369
08-11-2014 11:48:05	226.1269	60.9512	157624.3208
08-11-2014 11:49:05	226.4573	60.8313	157692.3233
08-11-2014 11:50:05	226.7858	60.7109	157760.3741
08-11-2014 11:51:05	227.1108	60.5904	157828.449
08-11-2014 11:52:05	227.4355	60.469	157896.5962
08-11-2014 11:53:05	227.7582	60.3471	157964.7918
08-11-2014 11:54:05	228.0776	60.2252	158033.0104
08-11-2014 11:55:05	228.3966	60.1023	158101.3019
08-11-2014 11:56:05	228.7137	59.9789	158169.6414
08-11-2014 11:57:05	229.029	59.8551	158238.0288
08-11-2014 11:58:05	229.3435	59.7317	158306.4166
08-11-2014 11:59:05	229.6552	59.6069	158374.8994

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 12:00:05	229.9636	59.4822	158443.4035
08-11-2014 12:01:05	230.2717	59.3566	158511.9813
08-11-2014 12:02:05	230.578	59.2305	158580.6066
08-11-2014 12:03:05	230.8837	59.1048	158649.2314
08-11-2014 12:04:05	231.188	58.9774	158717.9786
08-11-2014 12:05:05	231.4892	58.85	158786.7457
08-11-2014 12:06:05	231.7886	58.7222	158855.5602
08-11-2014 12:07:05	232.0874	58.5949	158924.3733
08-11-2014 12:08:05	232.3835	58.4662	158993.2815
08-11-2014 12:09:05	232.6779	58.3372	159062.2366
08-11-2014 12:10:05	232.9721	58.2073	159131.267
08-11-2014 12:11:05	233.2644	58.0783	159200.2671
08-11-2014 12:12:05	233.554	57.9481	159269.3623
08-11-2014 12:13:05	233.8433	57.817	159338.533
08-11-2014 12:14:05	234.1308	57.6869	159407.6723
08-11-2014 12:15:05	234.4156	57.5556	159476.9067
08-11-2014 12:16:05	234.7002	57.4234	159546.217
08-11-2014 12:17:05	234.983	57.2922	159615.4946
08-11-2014 12:18:05	235.2646	57.1592	159684.8975
08-11-2014 12:19:05	235.5433	57.0264	159754.3162
08-11-2014 12:20:05	235.8229	56.8936	159823.762
08-11-2014 12:21:05	236.0986	56.7602	159893.2722
08-11-2014 12:22:05	236.3742	56.6258	159962.8591
08-11-2014 12:23:05	236.6494	56.492	160032.4422
08-11-2014 12:24:05	236.9208	56.3575	160102.0891
08-11-2014 12:25:05	237.1932	56.223	160171.763
08-11-2014 12:26:05	237.463	56.0874	160241.5324
08-11-2014 12:27:05	237.7325	55.9522	160311.2971
08-11-2014 12:28:05	237.9996	55.8159	160381.1572
08-11-2014 12:29:05	238.264	55.6799	160451.0299
08-11-2014 12:30:05	238.5294	55.5438	160520.9297
08-11-2014 12:31:05	238.7923	55.4066	160590.9248
08-11-2014 12:32:05	239.0551	55.2699	160660.9142
08-11-2014 12:33:05	239.3154	55.1321	160730.9988
08-11-2014 12:34:05	239.5755	54.9948	160801.0773
08-11-2014 12:35:05	239.8332	54.8564	160871.2511
08-11-2014 12:36:05	240.0907	54.7185	160941.4183
08-11-2014 12:37:05	240.3469	54.5804	161011.6296
08-11-2014 12:38:05	240.6008	54.4412	161081.9361
08-11-2014 12:39:05	240.8558	54.302	161152.27
08-11-2014 12:40:05	241.1072	54.1622	161222.6648

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 12:41:05	241.3585	54.023	161293.0517
08-11-2014 12:42:05	241.6075	53.8827	161363.5339
08-11-2014 12:43:05	241.8576	53.7424	161434.0434
08-11-2014 12:44:05	242.1053	53.6024	161504.5608
08-11-2014 12:45:05	242.3507	53.4613	161575.1736
08-11-2014 12:46:05	242.5973	53.3203	161645.8132
08-11-2014 12:47:05	242.8415	53.1795	161716.4601
08-11-2014 12:48:05	243.0835	53.0377	161787.2022
08-11-2014 12:49:05	243.3266	52.8959	161857.9712
08-11-2014 12:50:05	243.5674	52.7545	161928.7464
08-11-2014 12:51:05	243.8073	52.6114	161999.6536
08-11-2014 12:52:05	244.0459	52.4695	162070.5137
08-11-2014 12:53:05	244.2846	52.3268	162141.4533
08-11-2014 12:54:05	244.5212	52.183	162212.4885
08-11-2014 12:55:05	244.7566	52.0404	162283.4752
08-11-2014 12:56:05	244.9922	51.8971	162354.5415
08-11-2014 12:57:05	245.2266	51.7535	162425.6499
08-11-2014 12:58:05	245.4579	51.6094	162496.8153
08-11-2014 12:59:05	245.6903	51.4654	162568.0073
08-11-2014 13:00:05	245.9218	51.3212	162639.2408
08-11-2014 13:01:05	246.1522	51.1768	162710.5158
08-11-2014 13:02:05	246.3795	51.032	162781.8469
08-11-2014 13:03:05	246.6079	50.8871	162853.2043
08-11-2014 13:04:05	246.8354	50.7421	162924.6028
08-11-2014 13:05:05	247.0619	50.5969	162996.0422
08-11-2014 13:06:05	247.2875	50.4515	163067.5224
08-11-2014 13:07:05	247.5111	50.3052	163139.0976
08-11-2014 13:08:05	247.7348	50.1594	163210.6591
08-11-2014 13:09:05	247.9576	50.0135	163282.2609
08-11-2014 13:10:05	248.1795	49.8674	163353.9028
08-11-2014 13:11:05	248.4005	49.7211	163425.5849
08-11-2014 13:12:05	248.6206	49.5746	163497.3069
08-11-2014 13:13:05	248.8398	49.428	163569.0686
08-11-2014 13:14:05	249.0592	49.2806	163640.9113
08-11-2014 13:15:05	249.2766	49.1336	163712.7523
08-11-2014 13:16:05	249.4922	48.9857	163784.6883
08-11-2014 13:17:05	249.708	48.8384	163856.608
08-11-2014 13:18:05	249.924	48.6904	163928.6087
08-11-2014 13:19:05	250.1381	48.5428	164000.6065
08-11-2014 13:20:05	250.3514	48.395	164072.643
08-11-2014 13:21:05	250.5649	48.2465	164144.7607

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 13:22:05	250.7766	48.0985	164216.8745
08-11-2014 13:23:05	250.9885	47.9497	164289.0695
08-11-2014 13:24:05	251.1986	47.8013	164361.2598
08-11-2014 13:25:05	251.4079	47.6528	164433.488
08-11-2014 13:26:05	251.6175	47.5036	164505.7977
08-11-2014 13:27:05	251.8263	47.3543	164578.1453
08-11-2014 13:28:05	252.0333	47.2054	164650.487
08-11-2014 13:29:05	252.2406	47.0557	164722.91
08-11-2014 13:30:05	252.4472	46.9073	164795.2692
08-11-2014 13:31:05	252.653	46.7575	164867.7668
08-11-2014 13:32:05	252.8581	46.6074	164940.3018
08-11-2014 13:33:05	253.0615	46.4579	165012.8289
08-11-2014 13:34:05	253.2652	46.3076	165085.4376
08-11-2014 13:35:05	253.4681	46.1573	165158.0831
08-11-2014 13:36:05	253.6704	46.0068	165230.7651
08-11-2014 13:37:05	253.871	45.8567	165303.4381
08-11-2014 13:38:05	254.0719	45.706	165376.1926
08-11-2014 13:39:05	254.2732	45.5559	165448.925
08-11-2014 13:40:05	254.4727	45.405	165521.7514
08-11-2014 13:41:05	254.6716	45.2539	165594.6136
08-11-2014 13:42:05	254.8699	45.1027	165667.5113
08-11-2014 13:43:05	255.0675	44.9515	165740.4445
08-11-2014 13:44:05	255.2655	44.8008	165813.354
08-11-2014 13:45:05	255.4618	44.6494	165886.3574
08-11-2014 13:46:05	255.6576	44.4978	165959.3957
08-11-2014 13:47:05	255.8527	44.3461	166032.4687
08-11-2014 13:48:05	256.0472	44.1943	166105.5763
08-11-2014 13:49:05	256.2421	44.0432	166178.6589
08-11-2014 13:50:05	256.4354	43.8913	166251.835
08-11-2014 13:51:05	256.629	43.7386	166325.0928
08-11-2014 13:52:05	256.8221	43.5872	166398.2773
08-11-2014 13:53:05	257.0137	43.435	166471.555
08-11-2014 13:54:05	257.2046	43.2827	166544.8664
08-11-2014 13:55:05	257.396	43.1297	166618.2594
08-11-2014 13:56:05	257.5868	42.978	166691.5772
08-11-2014 13:57:05	257.7761	42.8254	166764.9881
08-11-2014 13:58:05	257.9658	42.6722	166838.4807
08-11-2014 13:59:05	258.1549	42.5202	166911.8965
08-11-2014 14:00:05	258.3435	42.3668	166985.4546
08-11-2014 14:01:05	258.5307	42.2139	167058.9959
08-11-2014 14:02:05	258.7183	42.0618	167132.5083

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 14:03:05	258.9053	41.9081	167206.1631
08-11-2014 14:04:05	259.0918	41.7558	167279.739
08-11-2014 14:05:05	259.2778	41.6021	167353.4575
08-11-2014 14:06:05	259.4642	41.449	167427.1462
08-11-2014 14:07:05	259.6483	41.2958	167500.8776
08-11-2014 14:08:05	259.8329	41.1418	167574.6902
08-11-2014 14:09:05	260.0178	40.9886	167648.4722
08-11-2014 14:10:05	260.2004	40.8351	167722.2963
08-11-2014 14:11:05	260.3844	40.6817	167796.1394
08-11-2014 14:12:05	260.567	40.5276	167870.0751
08-11-2014 14:13:05	260.7492	40.3747	167943.9278
08-11-2014 14:14:05	260.9309	40.2204	168017.9239
08-11-2014 14:15:05	261.113	40.0668	168091.8872
08-11-2014 14:16:05	261.2938	39.9124	168165.943
08-11-2014 14:17:05	261.475	39.7587	168239.9655
08-11-2014 14:18:05	261.6549	39.6042	168314.0801
08-11-2014 14:19:05	261.8344	39.4511	168388.1089
08-11-2014 14:20:05	262.0134	39.2965	168462.2817
08-11-2014 14:21:05	262.1929	39.1426	168536.4198
08-11-2014 14:22:05	262.372	38.9887	168610.5864
08-11-2014 14:23:05	262.5497	38.834	168684.8449
08-11-2014 14:24:05	262.728	38.68	168759.0678
08-11-2014 14:25:05	262.9049	38.5252	168833.3825
08-11-2014 14:26:05	263.0832	38.3705	168907.7139
08-11-2014 14:27:05	263.2603	38.2164	168982.02
08-11-2014 14:28:05	263.4361	38.0615	169056.4176
08-11-2014 14:29:05	263.6123	37.9073	169130.7781
08-11-2014 14:30:05	263.7882	37.7531	169205.1656
08-11-2014 14:31:05	263.9628	37.5981	169279.6442
08-11-2014 14:32:05	264.1388	37.4432	169354.1384
08-11-2014 14:33:05	264.3136	37.2889	169428.6055
08-11-2014 14:34:05	264.4871	37.1339	169503.1634
08-11-2014 14:35:05	264.6611	36.9795	169577.6825
08-11-2014 14:36:05	264.8356	36.8245	169652.2813
08-11-2014 14:37:05	265.0081	36.6694	169726.917
08-11-2014 14:38:05	265.181	36.515	169801.5125
08-11-2014 14:39:05	265.3545	36.3599	169876.1877
08-11-2014 14:40:05	265.5268	36.2055	169950.8333
08-11-2014 14:41:05	265.6987	36.0496	170025.6242
08-11-2014 14:42:05	265.8703	35.8951	170100.319
08-11-2014 14:43:05	266.0425	35.74	170175.0933

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 14:44:05	266.2134	35.5855	170249.8365
08-11-2014 14:45:05	266.3849	35.4303	170324.6589
08-11-2014 14:46:05	266.5544	35.275	170399.5163
08-11-2014 14:47:05	266.7252	35.1199	170474.3861
08-11-2014 14:48:05	266.8958	34.9647	170549.2794
08-11-2014 14:49:05	267.0652	34.8101	170624.1401
08-11-2014 14:50:05	267.2351	34.6549	170699.0795
08-11-2014 14:51:05	267.4047	34.4997	170774.0418
08-11-2014 14:52:05	267.5724	34.3444	170849.0378
08-11-2014 14:53:05	267.7415	34.1892	170924.045
08-11-2014 14:54:05	267.9102	34.034	170999.0743
08-11-2014 14:55:05	268.0787	33.8787	171074.1256
08-11-2014 14:56:05	268.2461	33.7241	171149.1422
08-11-2014 14:57:05	268.414	33.5689	171224.2367
08-11-2014 14:58:05	268.5817	33.4137	171299.3525
08-11-2014 14:59:05	268.7491	33.2585	171374.4894
08-11-2014 15:00:05	268.9162	33.1033	171449.6472
08-11-2014 15:01:05	269.083	32.9481	171524.8257
08-11-2014 15:02:05	269.2496	32.7929	171600.0246
08-11-2014 15:03:05	269.416	32.6377	171675.2438
08-11-2014 15:04:05	269.5821	32.4826	171750.483
08-11-2014 15:05:05	269.7479	32.3274	171825.742
08-11-2014 15:06:05	269.9135	32.1722	171901.0206
08-11-2014 15:07:05	270.0789	32.0171	171976.3186
08-11-2014 15:08:05	270.244	31.862	172051.6358
08-11-2014 15:09:05	270.4089	31.7069	172126.9719
08-11-2014 15:10:05	270.5736	31.5518	172202.3267
08-11-2014 15:11:05	270.738	31.3967	172277.7001
08-11-2014 15:12:05	270.903	31.241	172353.1497
08-11-2014 15:13:05	271.067	31.086	172428.5596
08-11-2014 15:14:05	271.2308	30.9309	172503.9872
08-11-2014 15:15:05	271.3944	30.7759	172579.4325
08-11-2014 15:16:05	271.5585	30.6203	172654.9536
08-11-2014 15:17:05	271.7216	30.4654	172730.4336
08-11-2014 15:18:05	271.8846	30.3104	172805.9305
08-11-2014 15:19:05	272.0473	30.1555	172881.4442
08-11-2014 15:20:05	272.2114	30.0008	172956.9623
08-11-2014 15:21:05	272.3738	29.8459	173032.5087
08-11-2014 15:22:05	272.5367	29.6905	173108.1303
08-11-2014 15:23:05	272.6986	29.5357	173183.7087
08-11-2014 15:24:05	272.8604	29.3809	173259.3028

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 15:25:05	273.0228	29.2255	173334.9715
08-11-2014 15:26:05	273.185	29.0716	173410.5247
08-11-2014 15:27:05	273.347	28.9163	173486.2237
08-11-2014 15:28:05	273.5088	28.761	173561.9375
08-11-2014 15:29:05	273.6697	28.6064	173637.6065
08-11-2014 15:30:05	273.832	28.452	173713.2772
08-11-2014 15:31:05	273.9925	28.2975	173788.9745
08-11-2014 15:32:05	274.1537	28.1424	173864.7455
08-11-2014 15:33:05	274.3147	27.9873	173940.5301
08-11-2014 15:34:05	274.4755	27.8336	174016.1957
08-11-2014 15:35:05	274.6362	27.6787	174092.0069
08-11-2014 15:36:05	274.7967	27.5237	174167.8312
08-11-2014 15:37:05	274.9563	27.3694	174243.6082
08-11-2014 15:38:05	275.1173	27.2153	174319.3848
08-11-2014 15:39:05	275.2774	27.0605	174395.2467
08-11-2014 15:40:05	275.4373	26.9058	174471.1207
08-11-2014 15:41:05	275.5979	26.7518	174546.9331
08-11-2014 15:42:05	275.7568	26.5977	174622.7702
08-11-2014 15:43:05	275.9163	26.4431	174698.6792
08-11-2014 15:44:05	276.0765	26.2893	174774.5254
08-11-2014 15:45:05	276.2358	26.1348	174850.4564
08-11-2014 15:46:05	276.3957	25.9811	174926.324
08-11-2014 15:47:05	276.5547	25.8267	175002.2761
08-11-2014 15:48:05	276.7136	25.6723	175078.2385
08-11-2014 15:49:05	276.8731	25.5188	175154.1364
08-11-2014 15:50:05	277.0318	25.3645	175230.1185
08-11-2014 15:51:05	277.1911	25.2111	175306.0355
08-11-2014 15:52:05	277.3495	25.0569	175382.0365
08-11-2014 15:53:05	277.5086	24.9036	175457.9716
08-11-2014 15:54:05	277.6668	24.7496	175533.9904
08-11-2014 15:55:05	277.825	24.5957	175610.018
08-11-2014 15:56:05	277.9845	24.4419	175686.0397
08-11-2014 15:57:05	278.1424	24.2881	175762.0837
08-11-2014 15:58:05	278.301	24.1351	175838.06
08-11-2014 15:59:05	278.4587	23.9814	175914.1196
08-11-2014 16:00:05	278.6171	23.8285	175990.1107
08-11-2014 16:01:05	278.7754	23.6743	176066.2463
08-11-2014 16:02:05	278.9336	23.5216	176142.2513
08-11-2014 16:03:05	279.0917	23.3689	176218.2629
08-11-2014 16:04:05	279.2497	23.2149	176294.4188
08-11-2014 16:05:05	279.4077	23.0624	176370.4428

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 16:06:05	279.5648	22.9092	176446.5492
08-11-2014 16:07:05	279.7234	22.7562	176522.6465
08-11-2014 16:08:05	279.8804	22.6031	176598.7643
08-11-2014 16:09:05	280.038	22.4509	176674.8104
08-11-2014 16:10:05	280.1963	22.2981	176750.9232
08-11-2014 16:11:05	280.3531	22.1453	176827.0561
08-11-2014 16:12:05	280.5113	21.9927	176903.1782
08-11-2014 16:13:05	280.6687	21.8407	176979.2424
08-11-2014 16:14:05	280.8261	21.6875	177055.4503
08-11-2014 16:15:05	280.9833	21.5357	177131.5223
08-11-2014 16:16:05	281.1413	21.3834	177207.6599
08-11-2014 16:17:05	281.2985	21.2305	177283.8786
08-11-2014 16:18:05	281.4556	21.0789	177359.9604
08-11-2014 16:19:05	281.6134	20.9269	177436.107
08-11-2014 16:20:05	281.7696	20.7748	177512.2724
08-11-2014 16:21:05	281.9273	20.6229	177588.4238
08-11-2014 16:22:05	282.085	20.4711	177664.5774
08-11-2014 16:23:05	282.2419	20.3187	177740.8115
08-11-2014 16:24:05	282.3988	20.1676	177816.9063
08-11-2014 16:25:05	282.5563	20.0161	177893.0646
08-11-2014 16:26:05	282.7138	19.8647	177969.2241
08-11-2014 16:27:05	282.8706	19.7126	178045.4635
08-11-2014 16:28:05	283.0273	19.562	178121.5621
08-11-2014 16:29:05	283.1847	19.4108	178197.7235
08-11-2014 16:30:05	283.3421	19.2598	178273.8848
08-11-2014 16:31:05	283.4994	19.1088	178350.0461
08-11-2014 16:32:05	283.6561	18.9572	178426.2867
08-11-2014 16:33:05	283.8134	18.8064	178502.4472
08-11-2014 16:34:05	283.9707	18.6557	178578.6066
08-11-2014 16:35:05	284.128	18.5052	178654.765
08-11-2014 16:36:05	284.2852	18.3547	178730.9221
08-11-2014 16:37:05	284.4425	18.2043	178807.0775
08-11-2014 16:38:05	284.5997	18.0541	178883.2312
08-11-2014 16:39:05	284.7563	17.9031	178959.4633
08-11-2014 16:40:05	284.9135	17.7531	179035.6126
08-11-2014 16:41:05	285.0707	17.6031	179111.7594
08-11-2014 16:42:05	285.228	17.4533	179187.9034
08-11-2014 16:43:05	285.3852	17.3036	179264.0442
08-11-2014 16:44:05	285.5424	17.1539	179340.1818
08-11-2014 16:45:05	285.6996	17.0044	179416.3158
08-11-2014 16:46:05	285.8569	16.855	179492.4461

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 16:47:05	286.0148	16.7051	179568.6348
08-11-2014 16:48:05	286.1721	16.5559	179644.7568
08-11-2014 16:49:05	286.3293	16.4068	179720.8742
08-11-2014 16:50:05	286.4866	16.2579	179796.987
08-11-2014 16:51:05	286.6446	16.1084	179873.1571
08-11-2014 16:52:05	286.8019	15.9597	179949.2595
08-11-2014 16:53:05	286.9593	15.8111	180025.3564
08-11-2014 16:54:05	287.1166	15.6626	180101.4476
08-11-2014 16:55:05	287.2747	15.5136	180177.5953
08-11-2014 16:56:05	287.4321	15.3654	180253.6743
08-11-2014 16:57:05	287.5895	15.2172	180329.7467
08-11-2014 16:58:05	287.7477	15.0686	180405.875
08-11-2014 16:59:05	287.9051	14.9208	180481.9338
08-11-2014 17:00:05	288.0634	14.7724	180558.0478
08-11-2014 17:01:05	288.2209	14.6247	180634.0921
08-11-2014 17:02:05	288.3792	14.4766	180710.1909
08-11-2014 17:03:05	288.5368	14.3293	180786.2195
08-11-2014 17:04:05	288.6952	14.1814	180862.3021
08-11-2014 17:05:05	288.8535	14.035	180938.2304
08-11-2014 17:06:05	289.012	13.8875	181014.2959
08-11-2014 17:07:05	289.1698	13.7406	181090.2901
08-11-2014 17:08:05	289.3283	13.5932	181166.3375
08-11-2014 17:09:05	289.4869	13.4461	181242.3754
08-11-2014 17:10:05	289.6448	13.2996	181318.3414
08-11-2014 17:11:05	289.8042	13.1534	181394.2754
08-11-2014 17:12:05	289.9622	13.0072	181470.2212
08-11-2014 17:13:05	290.121	12.8606	181546.2188
08-11-2014 17:14:05	290.2798	12.714	181622.2058
08-11-2014 17:15:05	290.4388	12.5677	181698.1819
08-11-2014 17:16:05	290.5977	12.4228	181773.9999
08-11-2014 17:17:05	290.7567	12.2767	181849.9533
08-11-2014 17:18:05	290.9158	12.1307	181925.8951
08-11-2014 17:19:05	291.075	11.9849	182001.825
08-11-2014 17:20:05	291.2335	11.8398	182077.6809
08-11-2014 17:21:05	291.3934	11.6951	182153.5008
08-11-2014 17:22:05	291.5528	11.5497	182229.3935
08-11-2014 17:23:05	291.7122	11.4045	182305.2733
08-11-2014 17:24:05	291.8724	11.2602	182381.0542
08-11-2014 17:25:05	292.032	11.1152	182456.9075
08-11-2014 17:26:05	292.1916	10.9705	182532.7471
08-11-2014 17:27:05	292.352	10.8266	182608.4867

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 17:28:05	292.5118	10.6821	182684.2984
08-11-2014 17:29:05	292.6718	10.5378	182760.0957
08-11-2014 17:30:05	292.8324	10.3944	182835.7919
08-11-2014 17:31:05	292.9925	10.2504	182911.5597
08-11-2014 17:32:05	293.1526	10.1065	182987.3124
08-11-2014 17:33:05	293.3135	9.9636	183062.963
08-11-2014 17:34:05	293.4738	9.8201	183138.6847
08-11-2014 17:35:05	293.6343	9.6767	183214.3907
08-11-2014 17:36:05	293.7954	9.5342	183289.9935
08-11-2014 17:37:05	293.956	9.3912	183365.667
08-11-2014 17:38:05	294.1174	9.2491	183441.2367
08-11-2014 17:39:05	294.2782	9.1063	183516.8768
08-11-2014 17:40:05	294.4397	8.9645	183592.4124
08-11-2014 17:41:05	294.6015	8.8216	183668.0792
08-11-2014 17:42:05	294.7626	8.6793	183743.6674
08-11-2014 17:43:05	294.9244	8.538	183819.15
08-11-2014 17:44:05	295.0858	8.3961	183894.7025
08-11-2014 17:45:05	295.2486	8.2546	183970.2094
08-11-2014 17:46:05	295.4101	8.1131	184045.7251
08-11-2014 17:47:05	295.5724	7.9725	184121.1336
08-11-2014 17:48:05	295.7349	7.8307	184196.6721
08-11-2014 17:49:05	295.8974	7.6904	184272.0423
08-11-2014 17:50:05	296.0594	7.5495	184347.4814
08-11-2014 17:51:05	296.2228	7.4091	184422.8725
08-11-2014 17:52:05	296.3851	7.2686	184498.2718
08-11-2014 17:53:05	296.548	7.129	184573.5622
08-11-2014 17:54:05	296.7118	6.9891	184648.8922
08-11-2014 17:55:05	296.8744	6.8491	184724.2301
08-11-2014 17:56:05	297.0385	6.7096	184799.5182
08-11-2014 17:57:05	297.2013	6.5699	184874.814
08-11-2014 17:58:05	297.3657	6.4308	184950.0591
08-11-2014 17:59:05	297.5294	6.2923	185025.2224
08-11-2014 18:00:05	297.6933	6.1527	185100.513
08-11-2014 18:01:05	297.8573	6.0146	185175.6321
08-11-2014 18:02:05	298.0215	5.8754	185250.8781
08-11-2014 18:03:05	298.1858	5.7377	185325.952
08-11-2014 18:04:05	298.3509	5.5997	185401.0624
08-11-2014 18:05:05	298.5155	5.461	185476.2395
08-11-2014 18:06:05	298.6802	5.3239	185551.2438
08-11-2014 18:07:05	298.8457	5.1864	185626.2836
08-11-2014 18:08:05	299.0108	5.0483	185701.3897

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
08-11-2014 18:09:05	299.1758	4.9118	185776.3221
08-11-2014 18:10:05	299.3418	4.7749	185851.2893
08-11-2014 18:11:05	299.5073	4.6374	185926.3223
08-11-2014 18:12:05	299.6728	4.5015	186001.1808
08-11-2014 18:13:05	299.8392	4.3652	186076.0732
08-11-2014 18:14:05	300.0058	4.2291	186150.9399
08-11-2014 18:15:05	300.1719	4.0925	186225.8721
08-11-2014 18:16:05	300.338	3.9573	186300.6287
08-11-2014 18:17:05	300.505	3.8219	186375.4179
08-11-2014 18:18:05	300.6721	3.6866	186450.1806
08-11-2014 18:19:05	300.8395	3.5516	186524.9166
08-11-2014 18:20:05	301.0064	3.416	186599.7173
08-11-2014 18:21:05	301.174	3.2813	186674.3995
08-11-2014 18:22:05	301.3418	3.1469	186749.0543
08-11-2014 18:23:05	301.509	3.0133	186823.6237
08-11-2014 18:24:05	301.6771	2.8793	186898.2232
08-11-2014 18:25:05	301.8449	2.7447	186972.8865
08-11-2014 18:26:05	302.0133	2.6112	187047.4298
08-11-2014 18:27:05	302.182	2.4779	187121.9445
08-11-2014 18:28:05	302.3508	2.3448	187196.4305
08-11-2014 18:29:05	302.5197	2.2119	187270.8875
08-11-2014 18:30:05	302.6889	2.0792	187345.3153
08-11-2014 18:31:05	302.8582	1.9468	187419.7137
08-11-2014 18:32:05	303.0271	1.8137	187494.175
08-11-2014 18:33:05	303.1976	1.6812	187568.5707
08-11-2014 18:34:05	303.3674	1.5495	187642.8794
08-11-2014 18:35:05	303.5375	1.4179	187717.1577
08-11-2014 18:36:05	303.7077	1.2866	187791.4054
08-11-2014 18:37:05	303.8781	1.1556	187865.6224
08-11-2014 18:38:05	304.0486	1.0247	187939.8084
08-11-2014 18:39:05	304.2194	0.8941	188013.963
08-11-2014 18:40:05	304.3911	0.7632	188088.1422
08-11-2014 18:41:05	304.5623	0.6331	188162.2335
08-11-2014 18:42:05	304.7336	0.5032	188236.2929
08-11-2014 18:43:05	304.9051	0.3735	188310.3201
08-11-2014 18:44:05	305.0776	0.2436	188384.3706
08-11-2014 18:45:05	305.2495	0.1144	188458.3327
09-11-2014 04:23:05	69.3956	0.0634	221566.6907
09-11-2014 04:24:05	69.5904	0.189	221607.5267
09-11-2014 04:25:05	69.7854	0.3161	221648.1806
09-11-2014 04:26:05	69.9809	0.4427	221688.8962

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 04:27:05	70.1755	0.5688	221729.6475
09-11-2014 04:28:05	70.3709	0.6957	221770.3072
09-11-2014 04:29:05	70.5661	0.8228	221810.9393
09-11-2014 04:30:05	70.7605	0.9495	221851.6082
09-11-2014 04:31:05	70.955	1.0778	221892.0966
09-11-2014 04:32:05	71.15	1.2054	221932.6477
09-11-2014 04:33:05	71.3442	1.3326	221973.2367
09-11-2014 04:34:05	71.5391	1.4606	222013.7352
09-11-2014 04:35:05	71.7339	1.5887	222054.2076
09-11-2014 04:36:05	71.9273	1.7172	222094.6297
09-11-2014 04:37:05	72.1219	1.8457	222135.0511
09-11-2014 04:38:05	72.3165	1.9743	222175.4474
09-11-2014 04:39:05	72.5103	2.1026	222215.8833
09-11-2014 04:40:05	72.7048	2.2315	222256.23
09-11-2014 04:41:05	72.8987	2.3615	222296.4634
09-11-2014 04:42:05	73.0931	2.4907	222336.7617
09-11-2014 04:43:05	73.2866	2.6196	222377.1009
09-11-2014 04:44:05	73.4809	2.7492	222417.3518
09-11-2014 04:45:05	73.6745	2.8797	222457.4906
09-11-2014 04:46:05	73.8687	3.0096	222497.6951
09-11-2014 04:47:05	74.0621	3.1391	222537.942
09-11-2014 04:48:05	74.2562	3.2693	222578.1012
09-11-2014 04:49:05	74.4496	3.4005	222618.1498
09-11-2014 04:50:05	74.6437	3.531	222658.2649
09-11-2014 04:51:05	74.8369	3.661	222698.4236
09-11-2014 04:52:05	75.0302	3.7926	222738.4073
09-11-2014 04:53:05	75.2241	3.9235	222778.4581
09-11-2014 04:54:05	75.418	4.0546	222818.4881
09-11-2014 04:55:05	75.6113	4.1866	222858.4093
09-11-2014 04:56:05	75.8051	4.3179	222898.3983
09-11-2014 04:57:05	75.9981	4.4488	222938.4329
09-11-2014 04:58:05	76.1913	4.5812	222978.2941
09-11-2014 04:59:05	76.3851	4.7129	223018.2238
09-11-2014 05:00:05	76.5788	4.8447	223058.1342
09-11-2014 05:01:05	76.7719	4.9775	223097.9378
09-11-2014 05:02:05	76.9656	5.1096	223137.8104
09-11-2014 05:03:05	77.1593	5.2419	223177.6647
09-11-2014 05:04:05	77.3516	5.3744	223217.4791
09-11-2014 05:05:05	77.5453	5.5069	223257.2974
09-11-2014 05:06:05	77.739	5.6395	223297.098
09-11-2014 05:07:05	77.9321	5.773	223336.7938

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 05:08:05	78.1257	5.9058	223376.5601
09-11-2014 05:09:05	78.3188	6.0395	223416.2222
09-11-2014 05:10:05	78.5125	6.1726	223455.9551
09-11-2014 05:11:05	78.7062	6.3058	223495.6717
09-11-2014 05:12:05	78.8992	6.4398	223535.2854
09-11-2014 05:13:05	79.0929	6.5732	223574.9703
09-11-2014 05:14:05	79.286	6.7075	223614.5529
09-11-2014 05:15:05	79.4798	6.8411	223654.2075
09-11-2014 05:16:05	79.6735	6.9748	223693.8471
09-11-2014 05:17:05	79.8667	7.1093	223733.3853
09-11-2014 05:18:05	80.0604	7.2432	223772.996
09-11-2014 05:19:05	80.2536	7.378	223812.5059
09-11-2014 05:20:05	80.4475	7.5121	223852.089
09-11-2014 05:21:05	80.6407	7.6471	223891.5717
09-11-2014 05:22:05	80.8346	7.7813	223931.1281
09-11-2014 05:23:05	81.0279	7.9165	223970.585
09-11-2014 05:24:05	81.2218	8.0509	224010.1157
09-11-2014 05:25:05	81.4152	8.1862	224049.5478
09-11-2014 05:26:05	81.6092	8.3209	224089.054
09-11-2014 05:27:05	81.8027	8.4563	224128.4623
09-11-2014 05:28:05	81.9968	8.5911	224167.9453
09-11-2014 05:29:05	82.1903	8.7268	224207.3308
09-11-2014 05:30:05	82.3845	8.8617	224246.7916
09-11-2014 05:31:05	82.5781	8.9975	224286.1556
09-11-2014 05:32:05	82.7724	9.1326	224325.5953
09-11-2014 05:33:05	82.9662	9.2686	224364.9389
09-11-2014 05:34:05	83.1606	9.4038	224404.3587
09-11-2014 05:35:05	83.3545	9.5399	224443.6829
09-11-2014 05:36:05	83.549	9.6753	224483.0838
09-11-2014 05:37:05	83.7438	9.8121	224522.3233
09-11-2014 05:38:05	83.9384	9.9476	224561.7064
09-11-2014 05:39:05	84.1325	10.084	224600.9954
09-11-2014 05:40:05	84.3274	10.2196	224640.3619
09-11-2014 05:41:05	84.5216	10.3561	224679.635
09-11-2014 05:42:05	84.7159	10.4926	224718.9004
09-11-2014 05:43:05	84.911	10.6284	224758.2441
09-11-2014 05:44:05	85.1063	10.7657	224797.4289
09-11-2014 05:45:05	85.3015	10.9016	224836.7588
09-11-2014 05:46:05	85.4961	11.0383	224875.9968
09-11-2014 05:47:05	85.6909	11.1751	224915.2288
09-11-2014 05:48:05	85.8863	11.3112	224954.54

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 05:49:05	86.0813	11.4481	224993.7605
09-11-2014 05:50:05	86.2777	11.5848	225032.9944
09-11-2014 05:51:05	86.4728	11.7218	225072.2045
09-11-2014 05:52:05	86.6681	11.8588	225111.4099
09-11-2014 05:53:05	86.864	11.9951	225150.6957
09-11-2014 05:54:05	87.0603	12.1328	225189.8262
09-11-2014 05:55:05	87.2558	12.2699	225229.019
09-11-2014 05:56:05	87.4521	12.4063	225268.293
09-11-2014 05:57:05	87.6478	12.5434	225307.4789
09-11-2014 05:58:05	87.8437	12.6807	225346.6617
09-11-2014 05:59:05	88.0412	12.8177	225385.8601
09-11-2014 06:00:05	88.2373	12.955	225425.0376
09-11-2014 06:01:05	88.4335	13.0923	225464.213
09-11-2014 06:02:05	88.6313	13.2294	225503.4047
09-11-2014 06:03:05	88.8278	13.3668	225542.5764
09-11-2014 06:04:05	89.0244	13.5041	225581.7468
09-11-2014 06:05:05	89.2218	13.6407	225621.0004
09-11-2014 06:06:05	89.4195	13.7787	225660.1029
09-11-2014 06:07:05	89.6166	13.9161	225699.2707
09-11-2014 06:08:05	89.8144	14.0528	225738.5226
09-11-2014 06:09:05	90.0125	14.1908	225777.6244
09-11-2014 06:10:05	90.21	14.3282	225816.7924
09-11-2014 06:11:05	90.4076	14.4657	225855.961
09-11-2014 06:12:05	90.6068	14.6029	225895.1487
09-11-2014 06:13:05	90.8047	14.7404	225934.3193
09-11-2014 06:14:05	91.0028	14.8778	225973.4914
09-11-2014 06:15:05	91.2018	15.0159	226012.5995
09-11-2014 06:16:05	91.4009	15.1525	226051.8591
09-11-2014 06:17:05	91.6002	15.2906	226090.9717
09-11-2014 06:18:05	91.799	15.428	226130.1522
09-11-2014 06:19:05	91.9979	15.5654	226169.3356
09-11-2014 06:20:05	92.1984	15.7027	226208.5405
09-11-2014 06:21:05	92.3977	15.8401	226247.7304
09-11-2014 06:22:05	92.5971	15.9775	226286.924
09-11-2014 06:23:05	92.7975	16.1154	226326.0564
09-11-2014 06:24:05	92.9973	16.2528	226365.2582
09-11-2014 06:25:05	93.1988	16.3899	226404.4828
09-11-2014 06:26:05	93.3989	16.5273	226443.694
09-11-2014 06:27:05	93.6001	16.6652	226482.8451
09-11-2014 06:28:05	93.8007	16.8024	226522.0667
09-11-2014 06:29:05	94.0022	16.9403	226561.2291

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 06:30:05	94.2039	17.0767	226600.5453
09-11-2014 06:31:05	94.405	17.2138	226639.7845
09-11-2014 06:32:05	94.6072	17.3516	226678.9656
09-11-2014 06:33:05	94.8088	17.4887	226718.2181
09-11-2014 06:34:05	95.0114	17.6264	226757.413
09-11-2014 06:35:05	95.2134	17.7634	226796.6799
09-11-2014 06:36:05	95.4165	17.901	226835.8899
09-11-2014 06:37:05	95.6196	18.0371	226875.255
09-11-2014 06:38:05	95.8231	18.1746	226914.4811
09-11-2014 06:39:05	96.026	18.3115	226953.7798
09-11-2014 06:40:05	96.2299	18.4489	226993.0232
09-11-2014 06:41:05	96.4333	18.5856	227032.3396
09-11-2014 06:42:05	96.6377	18.7229	227071.6014
09-11-2014 06:43:05	96.8415	18.8596	227110.9366
09-11-2014 06:44:05	97.0464	18.9968	227150.2178
09-11-2014 06:45:05	97.2516	19.1339	227189.5091
09-11-2014 06:46:05	97.4568	19.2696	227228.957
09-11-2014 06:47:05	97.6624	19.4066	227268.2695
09-11-2014 06:48:05	97.8675	19.5429	227307.6563
09-11-2014 06:49:05	98.0737	19.6798	227346.991
09-11-2014 06:50:05	98.2793	19.816	227386.4005
09-11-2014 06:51:05	98.4859	19.9527	227425.7585
09-11-2014 06:52:05	98.6929	20.0893	227465.1287
09-11-2014 06:53:05	98.8993	20.2253	227504.5742
09-11-2014 06:54:05	99.1067	20.3618	227543.9693
09-11-2014 06:55:05	99.3137	20.4976	227583.4401
09-11-2014 06:56:05	99.5217	20.634	227622.8613
09-11-2014 06:57:05	99.73	20.7702	227662.2959
09-11-2014 06:58:05	99.9378	20.9058	227701.8069
09-11-2014 06:59:05	100.1467	21.0419	227741.2692
09-11-2014 07:00:05	100.3559	21.1778	227780.7459
09-11-2014 07:01:05	100.5645	21.3131	227820.2993
09-11-2014 07:02:05	100.7743	21.4489	227859.8053
09-11-2014 07:03:05	100.9843	21.5846	227899.3264
09-11-2014 07:04:05	101.1939	21.7196	227938.9248
09-11-2014 07:05:05	101.4045	21.8551	227978.4768
09-11-2014 07:06:05	101.6155	21.9905	228018.0448
09-11-2014 07:07:05	101.826	22.1252	228057.6905
09-11-2014 07:08:05	102.0376	22.2604	228097.2911
09-11-2014 07:09:05	102.2495	22.3955	228136.9084
09-11-2014 07:10:05	102.4609	22.5298	228176.604

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 07:11:05	102.6735	22.6646	228216.2554
09-11-2014 07:12:05	102.8864	22.7994	228255.9244
09-11-2014 07:13:05	103.0996	22.934	228295.6112
09-11-2014 07:14:05	103.3123	23.0679	228335.377
09-11-2014 07:15:05	103.5262	23.2022	228375.1
09-11-2014 07:16:05	103.7405	23.3364	228414.8418
09-11-2014 07:17:05	103.9542	23.4699	228454.6629
09-11-2014 07:18:05	104.1691	23.6039	228494.4425
09-11-2014 07:19:05	104.3837	23.7385	228534.1605
09-11-2014 07:20:05	104.5994	23.8722	228573.9792
09-11-2014 07:21:05	104.8154	24.0058	228613.8179
09-11-2014 07:22:05	105.0308	24.1386	228653.7366
09-11-2014 07:23:05	105.2475	24.2719	228693.6159
09-11-2014 07:24:05	105.4646	24.405	228733.5158
09-11-2014 07:25:05	105.6821	24.538	228773.4368
09-11-2014 07:26:05	105.899	24.6702	228813.4383
09-11-2014 07:27:05	106.1172	24.8029	228853.4019
09-11-2014 07:28:05	106.3351	24.9362	228893.3064
09-11-2014 07:29:05	106.5541	25.0686	228933.3138
09-11-2014 07:30:05	106.7734	25.2008	228973.3436
09-11-2014 07:31:05	106.9931	25.3328	229013.3958
09-11-2014 07:32:05	107.2123	25.4641	229053.5294
09-11-2014 07:33:05	107.4329	25.5958	229093.6274
09-11-2014 07:34:05	107.6538	25.7274	229133.7488
09-11-2014 07:35:05	107.8744	25.8595	229173.8132
09-11-2014 07:36:05	108.0961	25.9907	229213.9819
09-11-2014 07:37:05	108.3182	26.1217	229254.1748
09-11-2014 07:38:05	108.5399	26.252	229294.4497
09-11-2014 07:39:05	108.7628	26.3826	229334.6914
09-11-2014 07:40:05	108.9862	26.5131	229374.958
09-11-2014 07:41:05	109.2093	26.6442	229415.1694
09-11-2014 07:42:05	109.4335	26.7743	229455.4865
09-11-2014 07:43:05	109.6581	26.9041	229495.8292
09-11-2014 07:44:05	109.8832	27.0338	229536.1978
09-11-2014 07:45:05	110.1087	27.1633	229576.5924
09-11-2014 07:46:05	110.334	27.2934	229616.9333
09-11-2014 07:47:05	110.5603	27.4225	229657.3811
09-11-2014 07:48:05	110.7872	27.5514	229697.8557
09-11-2014 07:49:05	111.0135	27.6795	229738.4136
09-11-2014 07:50:05	111.2406	27.8088	229778.8626
09-11-2014 07:51:05	111.4687	27.937	229819.4193

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 07:52:05	111.6973	28.065	229860.0038
09-11-2014 07:53:05	111.9264	28.1928	229900.6163
09-11-2014 07:54:05	112.1553	28.3213	229941.1775
09-11-2014 07:55:05	112.3853	28.4486	229981.8471
09-11-2014 07:56:05	112.6158	28.5757	230022.5457
09-11-2014 07:57:05	112.8467	28.7026	230063.2732
09-11-2014 07:58:05	113.0775	28.8301	230103.9504
09-11-2014 07:59:05	113.3094	28.9566	230144.737
09-11-2014 08:00:05	113.5418	29.0827	230185.5534
09-11-2014 08:01:05	113.774	29.2095	230226.3202
09-11-2014 08:02:05	114.0074	29.3352	230267.1971
09-11-2014 08:03:05	114.2413	29.4607	230308.1044
09-11-2014 08:04:05	114.4756	29.5858	230349.0426
09-11-2014 08:05:05	114.7098	29.7116	230389.9323
09-11-2014 08:06:05	114.9452	29.8363	230430.9328
09-11-2014 08:07:05	115.181	29.9607	230471.9649
09-11-2014 08:08:05	115.4167	30.0857	230512.9493
09-11-2014 08:09:05	115.6536	30.2096	230554.045
09-11-2014 08:10:05	115.891	30.3333	230595.1731
09-11-2014 08:11:05	116.1282	30.4575	230636.2542
09-11-2014 08:12:05	116.3676	30.5811	230677.3951
09-11-2014 08:13:05	116.6066	30.7039	230718.6214
09-11-2014 08:14:05	116.8454	30.8272	230759.8016
09-11-2014 08:15:05	117.0854	30.9495	230801.0946
09-11-2014 08:16:05	117.3253	31.0723	230842.3418
09-11-2014 08:17:05	117.5664	31.1939	230883.7023
09-11-2014 08:18:05	117.808	31.3153	230925.0968
09-11-2014 08:19:05	118.0496	31.4372	230966.4465
09-11-2014 08:20:05	118.2923	31.558	231007.91
09-11-2014 08:21:05	118.5355	31.6784	231049.4082
09-11-2014 08:22:05	118.7787	31.7995	231090.8623
09-11-2014 08:23:05	119.024	31.9198	231132.3804
09-11-2014 08:24:05	119.2683	32.0402	231173.9054
09-11-2014 08:25:05	119.5138	32.1595	231215.5453
09-11-2014 08:26:05	119.7599	32.2784	231257.2211
09-11-2014 08:27:05	120.0058	32.3978	231298.8539
09-11-2014 08:28:05	120.253	32.5161	231340.6021
09-11-2014 08:29:05	120.5001	32.6348	231382.308
09-11-2014 08:30:05	120.7495	32.753	231424.0806
09-11-2014 08:31:05	120.9977	32.8711	231465.8605
09-11-2014 08:32:05	121.2472	32.988	231507.7567

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 08:33:05	121.4967	33.1055	231549.6114
09-11-2014 08:34:05	121.7473	33.2217	231591.5827
09-11-2014 08:35:05	121.9996	33.3381	231633.5438
09-11-2014 08:36:05	122.2508	33.4545	231675.5125
09-11-2014 08:37:05	122.5033	33.5697	231717.5983
09-11-2014 08:38:05	122.7557	33.6854	231759.6439
09-11-2014 08:39:05	123.0093	33.7998	231801.8071
09-11-2014 08:40:05	123.264	33.9153	231843.8834
09-11-2014 08:41:05	123.5188	34.0291	231886.1249
09-11-2014 08:42:05	123.7737	34.1433	231928.3271
09-11-2014 08:43:05	124.0297	34.2563	231970.6476
09-11-2014 08:44:05	124.2868	34.3703	232012.8831
09-11-2014 08:45:05	124.5441	34.4825	232055.2837
09-11-2014 08:46:05	124.8014	34.5952	232097.6459
09-11-2014 08:47:05	125.06	34.7066	232140.1272
09-11-2014 08:48:05	125.3196	34.8191	232182.5251
09-11-2014 08:49:05	125.5794	34.9297	232225.0882
09-11-2014 08:50:05	125.8392	35.0409	232267.6137
09-11-2014 08:51:05	126.1003	35.1507	232310.2591
09-11-2014 08:52:05	126.3624	35.2615	232352.8228
09-11-2014 08:53:05	126.6241	35.3715	232395.473
09-11-2014 08:54:05	126.8871	35.4801	232438.2435
09-11-2014 08:55:05	127.1511	35.5897	232480.9338
09-11-2014 08:56:05	127.4154	35.6974	232523.7889
09-11-2014 08:57:05	127.6797	35.8057	232566.6081
09-11-2014 08:58:05	127.9463	35.9131	232609.5051
09-11-2014 08:59:05	128.2119	36.0205	232652.4102
09-11-2014 09:00:05	128.4787	36.1265	232695.4366
09-11-2014 09:01:05	128.7467	36.2335	232738.3852
09-11-2014 09:02:05	129.0142	36.3396	232781.4203
09-11-2014 09:03:05	129.283	36.4443	232824.5773
09-11-2014 09:04:05	129.553	36.55	232867.6579
09-11-2014 09:05:05	129.8231	36.6538	232910.903
09-11-2014 09:06:05	130.0933	36.7581	232954.114
09-11-2014 09:07:05	130.3653	36.8624	232997.3281
09-11-2014 09:08:05	130.6374	36.9648	233040.7067
09-11-2014 09:09:05	130.9096	37.0677	233084.0518
09-11-2014 09:10:05	131.1841	37.1696	233127.4795
09-11-2014 09:11:05	131.4577	37.2716	233170.915
09-11-2014 09:12:05	131.733	37.3735	233214.3556
09-11-2014 09:13:05	132.0084	37.4735	233257.9604

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 09:14:05	132.284	37.574	233301.5328
09-11-2014 09:15:05	132.5614	37.6744	233345.1114
09-11-2014 09:16:05	132.8388	37.773	233388.8542
09-11-2014 09:17:05	133.1176	37.8724	233432.5259
09-11-2014 09:18:05	133.3958	37.9709	233476.2834
09-11-2014 09:19:05	133.6754	38.068	233520.1657
09-11-2014 09:20:05	133.9561	38.1659	233563.9781
09-11-2014 09:21:05	134.2365	38.2629	233607.8763
09-11-2014 09:22:05	134.5192	38.3588	233651.8616
09-11-2014 09:23:05	134.8009	38.4547	233695.8545
09-11-2014 09:24:05	135.0844	38.5506	233739.8573
09-11-2014 09:25:05	135.368	38.6445	233784.0235
09-11-2014 09:26:05	135.6529	38.7393	233828.1225
09-11-2014 09:27:05	135.9373	38.833	233872.3069
09-11-2014 09:28:05	136.2242	38.9258	233916.5807
09-11-2014 09:29:05	136.51	39.0185	233960.8618
09-11-2014 09:30:05	136.7965	39.1106	234005.1913
09-11-2014 09:31:05	137.0848	39.2027	234049.5337
09-11-2014 09:32:05	137.3733	39.2928	234094.0389
09-11-2014 09:33:05	137.663	39.3837	234138.4798
09-11-2014 09:34:05	137.9523	39.4736	234183.0055
09-11-2014 09:35:05	138.2434	39.5633	234227.5456
09-11-2014 09:36:05	138.5357	39.6516	234272.2136
09-11-2014 09:37:05	138.8271	39.7398	234316.8882
09-11-2014 09:38:05	139.1203	39.8278	234361.5786
09-11-2014 09:39:05	139.413	39.9148	234406.3531
09-11-2014 09:40:05	139.7081	40.0007	234451.2221
09-11-2014 09:41:05	140.0021	40.0866	234496.0973
09-11-2014 09:42:05	140.2981	40.1722	234540.9898
09-11-2014 09:43:05	140.5935	40.2569	234585.9662
09-11-2014 09:44:05	140.8914	40.3404	234631.0386
09-11-2014 09:45:05	141.1882	40.4238	234676.1169
09-11-2014 09:46:05	141.4869	40.507	234721.2141
09-11-2014 09:47:05	141.7863	40.5896	234766.3629
09-11-2014 09:48:05	142.0851	40.6712	234811.5952
09-11-2014 09:49:05	142.3864	40.7516	234856.9254
09-11-2014 09:50:05	142.6866	40.8319	234902.261
09-11-2014 09:51:05	142.9887	40.912	234947.6175
09-11-2014 09:52:05	143.2915	40.9914	234993.0264
09-11-2014 09:53:05	143.5937	41.0698	235038.5182
09-11-2014 09:54:05	143.8978	41.148	235084.0321

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 09:55:05	144.2019	41.2241	235129.7064
09-11-2014 09:56:05	144.5074	41.301	235175.3258
09-11-2014 09:57:05	144.8135	41.3772	235220.9983
09-11-2014 09:58:05	145.1191	41.4523	235266.7532
09-11-2014 09:59:05	145.4266	41.5272	235312.532
09-11-2014 10:00:05	145.7334	41.601	235358.393
09-11-2014 10:01:05	146.0427	41.6736	235404.3565
09-11-2014 10:02:05	146.3521	41.7464	235450.296
09-11-2014 10:03:05	146.661	41.8182	235496.3173
09-11-2014 10:04:05	146.9717	41.8897	235542.3645
09-11-2014 10:05:05	147.2831	41.9604	235588.4659
09-11-2014 10:06:05	147.5939	42.0302	235634.6487
09-11-2014 10:07:05	147.9065	42.0996	235680.8586
09-11-2014 10:08:05	148.2199	42.1683	235727.1229
09-11-2014 10:09:05	148.533	42.235	235773.546
09-11-2014 10:10:05	148.8476	42.3022	235819.9196
09-11-2014 10:11:05	149.1628	42.3688	235866.3482
09-11-2014 10:12:05	149.4786	42.4346	235912.8318
09-11-2014 10:13:05	149.7937	42.4994	235959.3957
09-11-2014 10:14:05	150.1108	42.5638	236005.9895
09-11-2014 10:15:05	150.4285	42.6275	236052.6386
09-11-2014 10:16:05	150.7455	42.6901	236099.3676
09-11-2014 10:17:05	151.0644	42.7524	236146.1277
09-11-2014 10:18:05	151.3838	42.8138	236192.9435
09-11-2014 10:19:05	151.7039	42.8746	236239.8151
09-11-2014 10:20:05	152.0233	42.9343	236286.766
09-11-2014 10:21:05	152.3445	42.9935	236333.7494
09-11-2014 10:22:05	152.6668	43.051	236380.8667
09-11-2014 10:23:05	152.9892	43.1087	236427.9626
09-11-2014 10:24:05	153.3108	43.1654	236475.1371
09-11-2014 10:25:05	153.6344	43.2216	236522.3457
09-11-2014 10:26:05	153.9585	43.2771	236569.6108
09-11-2014 10:27:05	154.2831	43.3318	236616.9327
09-11-2014 10:28:05	154.607	43.3854	236664.3325
09-11-2014 10:29:05	154.9327	43.4385	236711.7678
09-11-2014 10:30:05	155.259	43.4909	236759.2601
09-11-2014 10:31:05	155.5858	43.5424	236806.8096
09-11-2014 10:32:05	155.9132	43.5932	236854.4162
09-11-2014 10:33:05	156.2397	43.643	236902.1
09-11-2014 10:34:05	156.568	43.6922	236949.8211
09-11-2014 10:35:05	156.8969	43.7406	236997.5997

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 10:36:05	157.2263	43.7882	237045.4359
09-11-2014 10:37:05	157.5562	43.835	237093.3297
09-11-2014 10:38:05	157.8852	43.8808	237141.2998
09-11-2014 10:39:05	158.216	43.926	237189.309
09-11-2014 10:40:05	158.5473	43.9703	237237.3761
09-11-2014 10:41:05	158.8791	44.0139	237285.5013
09-11-2014 10:42:05	159.2114	44.0567	237333.6846
09-11-2014 10:43:05	159.5437	44.0996	237381.8484
09-11-2014 10:44:05	159.8769	44.1407	237430.1482
09-11-2014 10:45:05	160.2091	44.1808	237478.5227
09-11-2014 10:46:05	160.5431	44.2203	237526.939
09-11-2014 10:47:05	160.8775	44.2589	237575.4139
09-11-2014 10:48:05	161.2124	44.2967	237623.9473
09-11-2014 10:49:05	161.5476	44.3337	237672.5394
09-11-2014 10:50:05	161.8833	44.3698	237721.1903
09-11-2014 10:51:05	162.2194	44.4051	237769.9
09-11-2014 10:52:05	162.5558	44.4396	237818.6684
09-11-2014 10:53:05	162.8912	44.473	237867.5103
09-11-2014 10:54:05	163.2284	44.5058	237916.3965
09-11-2014 10:55:05	163.5659	44.5377	237965.3419
09-11-2014 10:56:05	163.9038	44.5687	238014.3465
09-11-2014 10:57:05	164.2418	44.5999	238063.3325
09-11-2014 10:58:05	164.5803	44.6293	238112.4556
09-11-2014 10:59:05	164.9192	44.6578	238161.6381
09-11-2014 11:00:05	165.2584	44.6854	238210.8799
09-11-2014 11:01:05	165.5979	44.7122	238260.1813
09-11-2014 11:02:05	165.9377	44.7381	238309.5423
09-11-2014 11:03:05	166.2778	44.7631	238358.9628
09-11-2014 11:04:05	166.6182	44.7873	238408.443
09-11-2014 11:05:05	166.9587	44.8116	238457.9051
09-11-2014 11:06:05	167.2996	44.834	238507.5047
09-11-2014 11:07:05	167.6408	44.8556	238557.1643
09-11-2014 11:08:05	167.9808	44.8761	238606.8936
09-11-2014 11:09:05	168.3224	44.8959	238656.6727
09-11-2014 11:10:05	168.6643	44.9149	238706.5118
09-11-2014 11:11:05	169.0062	44.9339	238756.3329
09-11-2014 11:12:05	169.3485	44.9511	238806.292
09-11-2014 11:13:05	169.691	44.9674	238856.3113
09-11-2014 11:14:05	170.0336	44.9828	238906.3907
09-11-2014 11:15:05	170.3765	44.9973	238956.5303
09-11-2014 11:16:05	170.7195	45.0109	239006.7302

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 11:17:05	171.0625	45.0247	239056.9124
09-11-2014 11:18:05	171.4059	45.0365	239107.2328
09-11-2014 11:19:05	171.7493	45.0475	239157.6137
09-11-2014 11:20:05	172.0929	45.0575	239208.055
09-11-2014 11:21:05	172.4381	45.0668	239258.5504
09-11-2014 11:22:05	172.7818	45.0761	239309.0348
09-11-2014 11:23:05	173.1257	45.0835	239359.6577
09-11-2014 11:24:05	173.4697	45.09	239410.3412
09-11-2014 11:25:05	173.8137	45.0956	239461.0853
09-11-2014 11:26:05	174.1578	45.1013	239511.8119
09-11-2014 11:27:05	174.502	45.1051	239562.6771
09-11-2014 11:28:05	174.8463	45.108	239613.6031
09-11-2014 11:29:05	175.1905	45.11	239664.5897
09-11-2014 11:30:05	175.5348	45.1122	239715.5589
09-11-2014 11:31:05	175.8791	45.1124	239766.667
09-11-2014 11:32:05	176.2234	45.1117	239817.8357
09-11-2014 11:33:05	176.5678	45.1101	239869.0653
09-11-2014 11:34:05	176.912	45.1087	239920.2774
09-11-2014 11:35:05	177.2563	45.1053	239971.6285
09-11-2014 11:36:05	177.602	45.1011	240023.0385
09-11-2014 11:37:05	177.9462	45.0959	240074.5115
09-11-2014 11:38:05	178.2904	45.0908	240125.9671
09-11-2014 11:39:05	178.6345	45.0839	240177.5618
09-11-2014 11:40:05	178.9785	45.076	240229.2174
09-11-2014 11:41:05	179.3224	45.0683	240280.8557
09-11-2014 11:42:05	179.6662	45.0586	240332.633
09-11-2014 11:43:05	180.01	45.048	240384.4713
09-11-2014 11:44:05	180.3536	45.0366	240436.3704
09-11-2014 11:45:05	180.6985	45.0252	240488.2526
09-11-2014 11:46:05	181.0419	45.012	240540.2738
09-11-2014 11:47:05	181.3851	44.9978	240592.356
09-11-2014 11:48:05	181.7282	44.9838	240644.4207
09-11-2014 11:49:05	182.071	44.9679	240696.6246
09-11-2014 11:50:05	182.4138	44.9511	240748.8894
09-11-2014 11:51:05	182.7577	44.9343	240801.139
09-11-2014 11:52:05	183.1001	44.9157	240853.5258
09-11-2014 11:53:05	183.4422	44.8962	240905.9737
09-11-2014 11:54:05	183.7842	44.8768	240958.4038
09-11-2014 11:55:05	184.1258	44.8556	241010.9734
09-11-2014 11:56:05	184.4673	44.8334	241063.6037
09-11-2014 11:57:05	184.81	44.8113	241116.2205

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 11:58:05	185.1509	44.7874	241168.9728
09-11-2014 11:59:05	185.4917	44.7636	241221.7074
09-11-2014 12:00:05	185.8321	44.7379	241274.5813
09-11-2014 12:01:05	186.1723	44.7113	241327.5161
09-11-2014 12:02:05	186.5136	44.6847	241380.4385
09-11-2014 12:03:05	186.8532	44.6564	241433.4951
09-11-2014 12:04:05	187.1924	44.6272	241486.6123
09-11-2014 12:05:05	187.5314	44.5981	241539.7117
09-11-2014 12:06:05	187.8714	44.5671	241592.957
09-11-2014 12:07:05	188.2098	44.5362	241646.1779
09-11-2014 12:08:05	188.5477	44.5035	241699.5381
09-11-2014 12:09:05	188.8852	44.4699	241752.959
09-11-2014 12:10:05	189.224	44.4364	241806.3694
09-11-2014 12:11:05	189.5608	44.4011	241859.9117
09-11-2014 12:12:05	189.8974	44.3659	241913.4357
09-11-2014 12:13:05	190.2334	44.3289	241967.0989
09-11-2014 12:14:05	190.5706	44.2919	242020.7527
09-11-2014 12:15:05	190.9059	44.2532	242074.5372
09-11-2014 12:16:05	191.2407	44.2136	242128.382
09-11-2014 12:17:05	191.5753	44.1741	242182.2082
09-11-2014 12:18:05	191.9107	44.1327	242236.1838
09-11-2014 12:19:05	192.2444	44.0916	242290.1308
09-11-2014 12:20:05	192.5775	44.0486	242344.217
09-11-2014 12:21:05	192.9118	44.0056	242398.2954
09-11-2014 12:22:05	193.2439	43.961	242452.5022
09-11-2014 12:23:05	193.5759	43.9165	242506.6901
09-11-2014 12:24:05	193.9071	43.8701	242561.017
09-11-2014 12:25:05	194.2395	43.8238	242615.337
09-11-2014 12:26:05	194.5698	43.7758	242669.7841
09-11-2014 12:27:05	194.8998	43.728	242724.2121
09-11-2014 12:28:05	195.2304	43.6781	242778.7919
09-11-2014 12:29:05	195.5594	43.6287	242833.3398
09-11-2014 12:30:05	195.8877	43.5774	242888.0266
09-11-2014 12:31:05	196.217	43.5261	242942.7075
09-11-2014 12:32:05	196.5442	43.4732	242997.5139
09-11-2014 12:33:05	196.8711	43.4204	243052.3006
09-11-2014 12:34:05	197.1986	43.3657	243107.2406
09-11-2014 12:35:05	197.5244	43.3113	243162.1464
09-11-2014 12:36:05	197.8508	43.255	243217.2061
09-11-2014 12:37:05	198.1755	43.199	243272.2309
09-11-2014 12:38:05	198.4994	43.1413	243327.3943

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 12:39:05	198.8243	43.0835	243382.5535
09-11-2014 12:40:05	199.1471	43.0242	243437.8355
09-11-2014 12:41:05	199.4695	42.9651	243493.0971
09-11-2014 12:42:05	199.7924	42.904	243548.514
09-11-2014 12:43:05	200.1136	42.8433	243603.8939
09-11-2014 12:44:05	200.4353	42.7806	243659.4293
09-11-2014 12:45:05	200.7554	42.7184	243714.927
09-11-2014 12:46:05	201.0749	42.6554	243770.4833
09-11-2014 12:47:05	201.3947	42.5904	243826.196
09-11-2014 12:48:05	201.7129	42.5258	243881.8697
09-11-2014 12:49:05	202.0316	42.4593	243937.7002
09-11-2014 12:50:05	202.3485	42.3933	243993.491
09-11-2014 12:51:05	202.6659	42.3252	244049.4391
09-11-2014 12:52:05	202.9816	42.2576	244105.3467
09-11-2014 12:53:05	203.2967	42.1893	244161.3123
09-11-2014 12:54:05	203.6121	42.119	244217.436
09-11-2014 12:55:05	203.9259	42.0492	244273.5179
09-11-2014 12:56:05	204.24	41.9775	244329.7581
09-11-2014 12:57:05	204.5525	41.9062	244385.956
09-11-2014 12:58:05	204.8656	41.8339	244442.2328
09-11-2014 12:59:05	205.1764	41.7602	244498.626
09-11-2014 13:00:05	205.4882	41.6865	244555.0188
09-11-2014 13:01:05	205.7977	41.6113	244611.5272
09-11-2014 13:02:05	206.1082	41.5362	244668.0355
09-11-2014 13:03:05	206.4166	41.4606	244724.5788
09-11-2014 13:04:05	206.7241	41.3833	244781.2593
09-11-2014 13:05:05	207.0325	41.306	244837.9399
09-11-2014 13:06:05	207.339	41.2283	244894.6547
09-11-2014 13:07:05	207.6456	41.1486	244951.53
09-11-2014 13:08:05	207.9507	41.0695	245008.3585
09-11-2014 13:09:05	208.2564	40.9894	245065.2679
09-11-2014 13:10:05	208.5597	40.9079	245122.2898
09-11-2014 13:11:05	208.8639	40.8264	245179.313
09-11-2014 13:12:05	209.1662	40.7446	245236.3679
09-11-2014 13:13:05	209.4687	40.6608	245293.5845
09-11-2014 13:14:05	209.7709	40.5773	245350.7776
09-11-2014 13:15:05	210.071	40.4934	245408.0013
09-11-2014 13:16:05	210.3714	40.4076	245465.3872
09-11-2014 13:17:05	210.6702	40.3224	245522.7227
09-11-2014 13:18:05	210.9695	40.2362	245580.1406
09-11-2014 13:19:05	211.2664	40.1488	245637.6679

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 13:20:05	211.5643	40.0613	245695.1975
09-11-2014 13:21:05	211.8603	39.9735	245752.7554
09-11-2014 13:22:05	212.1563	39.8837	245810.4766
09-11-2014 13:23:05	212.4508	39.7947	245868.1451
09-11-2014 13:24:05	212.7459	39.7046	245925.8966
09-11-2014 13:25:05	213.0402	39.6139	245983.7036
09-11-2014 13:26:05	213.3321	39.522	246041.6174
09-11-2014 13:27:05	213.625	39.43	246099.5344
09-11-2014 13:28:05	213.9159	39.3378	246157.477
09-11-2014 13:29:05	214.2069	39.2437	246215.584
09-11-2014 13:30:05	214.4964	39.1502	246273.6354
09-11-2014 13:31:05	214.7863	39.0558	246331.7708
09-11-2014 13:32:05	215.0756	38.9608	246389.9607
09-11-2014 13:33:05	215.3625	38.8646	246448.255
09-11-2014 13:34:05	215.6503	38.7684	246506.5531
09-11-2014 13:35:05	215.9362	38.6719	246564.8741
09-11-2014 13:36:05	216.2225	38.5745	246623.2799
09-11-2014 13:37:05	216.5077	38.4756	246681.8202
09-11-2014 13:38:05	216.7914	38.3774	246740.3015
09-11-2014 13:39:05	217.0756	38.2782	246798.868
09-11-2014 13:40:05	217.3591	38.1785	246857.4876
09-11-2014 13:41:05	217.6406	38.0786	246916.128
09-11-2014 13:42:05	217.9222	37.9768	246974.9345
09-11-2014 13:43:05	218.2023	37.8757	247033.68
09-11-2014 13:44:05	218.4829	37.7737	247092.5112
09-11-2014 13:45:05	218.7627	37.6711	247151.395
09-11-2014 13:46:05	219.0407	37.5684	247210.2974
09-11-2014 13:47:05	219.3186	37.4638	247269.3667
09-11-2014 13:48:05	219.5964	37.3596	247328.4072
09-11-2014 13:49:05	219.8722	37.2552	247387.465
09-11-2014 13:50:05	220.1485	37.15	247446.6092
09-11-2014 13:51:05	220.424	37.0441	247505.805
09-11-2014 13:52:05	220.6972	36.9372	247565.0982
09-11-2014 13:53:05	220.9713	36.8303	247624.3969
09-11-2014 13:54:05	221.2447	36.7229	247683.7466
09-11-2014 13:55:05	221.5163	36.6154	247743.1115
09-11-2014 13:56:05	221.7883	36.507	247802.563
09-11-2014 13:57:05	222.0596	36.398	247862.0655
09-11-2014 13:58:05	222.3297	36.2876	247921.6999
09-11-2014 13:59:05	222.5984	36.178	247981.2662
09-11-2014 14:00:05	222.8676	36.0676	248040.9197

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 14:01:05	223.1361	35.9566	248100.6234
09-11-2014 14:02:05	223.4028	35.8455	248160.3391
09-11-2014 14:03:05	223.6698	35.7335	248220.1423
09-11-2014 14:04:05	223.9362	35.6211	248279.995
09-11-2014 14:05:05	224.2014	35.5072	248339.9788
09-11-2014 14:06:05	224.4653	35.3942	248399.8915
09-11-2014 14:07:05	224.7296	35.2804	248459.8919
09-11-2014 14:08:05	224.9932	35.166	248519.9413
09-11-2014 14:09:05	225.2562	35.0511	248580.0394
09-11-2014 14:10:05	225.5173	34.9363	248640.1464
09-11-2014 14:11:05	225.7789	34.8205	248700.3413
09-11-2014 14:12:05	226.0398	34.7043	248760.5845
09-11-2014 14:13:05	226.3	34.5876	248820.8757
09-11-2014 14:14:05	226.5579	34.47	248881.256
09-11-2014 14:15:05	226.8168	34.3524	248941.6427
09-11-2014 14:16:05	227.075	34.2344	249002.0768
09-11-2014 14:17:05	227.3325	34.1159	249062.5583
09-11-2014 14:18:05	227.5883	33.9974	249123.0455
09-11-2014 14:19:05	227.8445	33.8781	249183.621
09-11-2014 14:20:05	228.1001	33.7583	249244.2432
09-11-2014 14:21:05	228.355	33.6381	249304.9121
09-11-2014 14:22:05	228.6092	33.5174	249365.6273
09-11-2014 14:23:05	228.8617	33.3968	249426.3463
09-11-2014 14:24:05	229.1146	33.2754	249487.1536
09-11-2014 14:25:05	229.3669	33.1535	249548.0069
09-11-2014 14:26:05	229.6186	33.0312	249608.9059
09-11-2014 14:27:05	229.8695	32.9084	249669.8503
09-11-2014 14:28:05	230.1188	32.7858	249730.7963
09-11-2014 14:29:05	230.368	32.6614	249791.9131
09-11-2014 14:30:05	230.6171	32.5375	249852.9927
09-11-2014 14:31:05	230.8655	32.4131	249914.1169
09-11-2014 14:32:05	231.1133	32.2884	249975.2858
09-11-2014 14:33:05	231.3605	32.1633	250036.4988
09-11-2014 14:34:05	231.6061	32.0383	250097.711
09-11-2014 14:35:05	231.852	31.9125	250159.0119
09-11-2014 14:36:05	232.0973	31.7862	250220.3566
09-11-2014 14:37:05	232.3421	31.6596	250281.7449
09-11-2014 14:38:05	232.5862	31.5326	250343.1764
09-11-2014 14:39:05	232.8297	31.4052	250404.6511
09-11-2014 14:40:05	233.0726	31.2775	250466.1686
09-11-2014 14:41:05	233.3138	31.1499	250527.6824

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 14:42:05	233.5555	31.0214	250589.285
09-11-2014 14:43:05	233.7966	30.8926	250650.9299
09-11-2014 14:44:05	234.0371	30.7635	250712.6168
09-11-2014 14:45:05	234.277	30.6339	250774.3458
09-11-2014 14:46:05	234.5163	30.5041	250836.1164
09-11-2014 14:47:05	234.7551	30.3739	250897.9285
09-11-2014 14:48:05	234.9932	30.2433	250959.7817
09-11-2014 14:49:05	235.2308	30.1124	251021.6761
09-11-2014 14:50:05	235.4674	29.9825	251083.4799
09-11-2014 14:51:05	235.7039	29.851	251145.4556
09-11-2014 14:52:05	235.9397	29.7191	251207.4716
09-11-2014 14:53:05	236.175	29.5868	251269.5278
09-11-2014 14:54:05	236.4098	29.4543	251331.624
09-11-2014 14:55:05	236.644	29.3214	251393.7599
09-11-2014 14:56:05	236.8776	29.1882	251455.9354
09-11-2014 14:57:05	237.1107	29.0547	251518.1502
09-11-2014 14:58:05	237.3432	28.9209	251580.4042
09-11-2014 14:59:05	237.5752	28.7868	251642.6969
09-11-2014 15:00:05	237.8066	28.6523	251705.0284
09-11-2014 15:01:05	238.0375	28.5176	251767.3983
09-11-2014 15:02:05	238.2679	28.3825	251829.8064
09-11-2014 15:03:05	238.4967	28.2477	251892.2016
09-11-2014 15:04:05	238.726	28.112	251954.6853
09-11-2014 15:05:05	238.9554	27.977	252017.1232
09-11-2014 15:06:05	239.1837	27.8407	252079.6817
09-11-2014 15:07:05	239.4114	27.7042	252142.2774
09-11-2014 15:08:05	239.6386	27.5674	252204.9099
09-11-2014 15:09:05	239.8653	27.4303	252267.5791
09-11-2014 15:10:05	240.0915	27.293	252330.2846
09-11-2014 15:11:05	240.3172	27.1553	252393.0263
09-11-2014 15:12:05	240.5424	27.0174	252455.804
09-11-2014 15:13:05	240.7671	26.8792	252518.6174
09-11-2014 15:14:05	240.9919	26.7416	252581.3827
09-11-2014 15:15:05	241.2156	26.6029	252644.2668
09-11-2014 15:16:05	241.4388	26.4639	252707.1859
09-11-2014 15:17:05	241.6615	26.3246	252770.1398
09-11-2014 15:18:05	241.8837	26.1851	252833.1282
09-11-2014 15:19:05	242.1055	26.0453	252896.151
09-11-2014 15:20:05	242.3268	25.9053	252959.2078
09-11-2014 15:21:05	242.5482	25.7659	253022.2146
09-11-2014 15:22:05	242.7685	25.6254	253085.3389

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 15:23:05	242.9884	25.4846	253148.4964
09-11-2014 15:24:05	243.2078	25.3436	253211.6871
09-11-2014 15:25:05	243.4268	25.2023	253274.9107
09-11-2014 15:26:05	243.6453	25.0608	253338.1669
09-11-2014 15:27:05	243.8639	24.9199	253401.3715
09-11-2014 15:28:05	244.0815	24.778	253464.6922
09-11-2014 15:29:05	244.2996	24.6352	253528.1005
09-11-2014 15:30:05	244.5163	24.4928	253591.4849
09-11-2014 15:31:05	244.7325	24.3501	253654.9007
09-11-2014 15:32:05	244.949	24.2081	253718.2637
09-11-2014 15:33:05	245.1644	24.065	253781.7415
09-11-2014 15:34:05	245.3794	23.9216	253845.2502
09-11-2014 15:35:05	245.5939	23.7781	253908.7891
09-11-2014 15:36:05	245.808	23.6343	253972.3583
09-11-2014 15:37:05	246.0223	23.4912	254035.8732
09-11-2014 15:38:05	246.2356	23.347	254099.5019
09-11-2014 15:39:05	246.4485	23.2026	254163.1601
09-11-2014 15:40:05	246.6609	23.058	254226.8475
09-11-2014 15:41:05	246.873	22.9132	254290.5637
09-11-2014 15:42:05	247.0853	22.7691	254354.2243
09-11-2014 15:43:05	247.2974	22.6233	254418.0555
09-11-2014 15:44:05	247.5083	22.4779	254481.8572
09-11-2014 15:45:05	247.7187	22.3323	254545.6867
09-11-2014 15:46:05	247.9294	22.1874	254609.4594
09-11-2014 15:47:05	248.1391	22.0414	254673.344
09-11-2014 15:48:05	248.3484	21.8953	254737.2558
09-11-2014 15:49:05	248.5574	21.7489	254801.1944
09-11-2014 15:50:05	248.7665	21.6032	254865.075
09-11-2014 15:51:05	248.9747	21.4565	254929.0665
09-11-2014 15:52:05	249.1834	21.309	254993.1434
09-11-2014 15:53:05	249.3908	21.162	255057.1872
09-11-2014 15:54:05	249.5985	21.0155	255121.1716
09-11-2014 15:55:05	249.8052	20.8681	255185.2663
09-11-2014 15:56:05	250.0116	20.7205	255249.3859
09-11-2014 15:57:05	250.2182	20.5736	255313.4455
09-11-2014 15:58:05	250.4239	20.4257	255377.6145
09-11-2014 15:59:05	250.6301	20.277	255441.8679
09-11-2014 16:00:05	250.835	20.1288	255506.0853
09-11-2014 16:01:05	251.0403	19.9812	255570.2415
09-11-2014 16:02:05	251.2446	19.8326	255634.5062
09-11-2014 16:03:05	251.4485	19.6839	255698.794

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 16:04:05	251.6528	19.5359	255763.0198
09-11-2014 16:05:05	251.8569	19.3863	255827.4141
09-11-2014 16:06:05	252.0599	19.2371	255891.7702
09-11-2014 16:07:05	252.2632	19.0886	255956.0633
09-11-2014 16:08:05	252.4655	18.9391	256020.4633
09-11-2014 16:09:05	252.6675	18.7895	256084.8849
09-11-2014 16:10:05	252.8707	18.64	256149.3042
09-11-2014 16:11:05	253.0721	18.4901	256213.7685
09-11-2014 16:12:05	253.2732	18.34	256278.2536
09-11-2014 16:13:05	253.4746	18.1907	256342.6738
09-11-2014 16:14:05	253.6751	18.0404	256407.1996
09-11-2014 16:15:05	253.8761	17.8893	256471.8075
09-11-2014 16:16:05	254.0766	17.7396	256536.2878
09-11-2014 16:17:05	254.2762	17.5889	256600.8729
09-11-2014 16:18:05	254.4756	17.4381	256665.4772
09-11-2014 16:19:05	254.6752	17.2879	256730.0148
09-11-2014 16:20:05	254.8748	17.1363	256794.7193
09-11-2014 16:21:05	255.0733	16.9851	256859.3796
09-11-2014 16:22:05	255.2721	16.8346	256923.9724
09-11-2014 16:23:05	255.4701	16.6831	256988.6686
09-11-2014 16:24:05	255.6686	16.531	257053.4453
09-11-2014 16:25:05	255.8666	16.3802	257118.0908
09-11-2014 16:26:05	256.0637	16.2284	257182.8388
09-11-2014 16:27:05	256.2612	16.0773	257247.5179
09-11-2014 16:28:05	256.4587	15.9248	257312.3624
09-11-2014 16:29:05	256.6551	15.7727	257377.1598
09-11-2014 16:30:05	256.8518	15.6213	257441.8874
09-11-2014 16:31:05	257.0477	15.469	257506.7162
09-11-2014 16:32:05	257.2448	15.3168	257571.5384
09-11-2014 16:33:05	257.4402	15.1643	257636.3977
09-11-2014 16:34:05	257.6353	15.0117	257701.2717
09-11-2014 16:35:05	257.8309	14.8598	257766.0744
09-11-2014 16:36:05	258.0264	14.7064	257831.0412
09-11-2014 16:37:05	258.2214	14.5544	257895.8721
09-11-2014 16:38:05	258.4157	14.4014	257960.8023
09-11-2014 16:39:05	258.6111	14.2486	258025.7245
09-11-2014 16:40:05	258.8049	14.0954	258090.6814
09-11-2014 16:41:05	258.9985	13.9422	258155.651
09-11-2014 16:42:05	259.1925	13.7897	258220.547
09-11-2014 16:43:05	259.3864	13.6357	258285.6062
09-11-2014 16:44:05	259.58	13.4831	258350.5264

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 16:45:05	259.7727	13.3295	258415.5444
09-11-2014 16:46:05	259.9667	13.1761	258480.5526
09-11-2014 16:47:05	260.159	13.0224	258545.5931
09-11-2014 16:48:05	260.3518	12.8694	258610.5582
09-11-2014 16:49:05	260.5446	12.715	258675.6854
09-11-2014 16:50:05	260.7369	12.5619	258740.6713
09-11-2014 16:51:05	260.9285	12.4079	258805.7534
09-11-2014 16:52:05	261.1207	12.2533	258870.9106
09-11-2014 16:53:05	261.3125	12.1	258935.9255
09-11-2014 16:54:05	261.5035	11.9458	259001.0358
09-11-2014 16:55:05	261.6958	11.7918	259066.1342
09-11-2014 16:56:05	261.8865	11.6375	259131.2619
09-11-2014 16:57:05	262.0776	11.484	259196.3113
09-11-2014 16:58:05	262.2687	11.329	259261.5211
09-11-2014 16:59:05	262.4595	11.1753	259326.5862
09-11-2014 17:00:05	262.6503	11.0202	259391.8111
09-11-2014 17:01:05	262.8408	10.8664	259456.8907
09-11-2014 17:02:05	263.0305	10.7118	259522.0634
09-11-2014 17:03:05	263.2215	10.5574	259587.2225
09-11-2014 17:04:05	263.4109	10.4027	259652.4081
09-11-2014 17:05:05	263.6007	10.2487	259717.5129
09-11-2014 17:06:05	263.7906	10.0934	259782.7765
09-11-2014 17:07:05	263.9802	9.9393	259847.8923
09-11-2014 17:08:05	264.1698	9.7839	259913.1665
09-11-2014 17:09:05	264.3591	9.6297	259978.2922
09-11-2014 17:10:05	264.5483	9.4756	260043.4223
09-11-2014 17:11:05	264.7375	9.32	260108.7101
09-11-2014 17:12:05	264.9264	9.1658	260173.8483
09-11-2014 17:13:05	265.1154	9.0102	260239.1437
09-11-2014 17:14:05	265.304	8.8559	260304.2888
09-11-2014 17:15:05	265.4919	8.7008	260369.5238
09-11-2014 17:16:05	265.6812	8.5459	260434.7416
09-11-2014 17:17:05	265.8689	8.3907	260499.9818
09-11-2014 17:18:05	266.0579	8.2357	260565.2043
09-11-2014 17:19:05	266.2459	8.0813	260630.3615
09-11-2014 17:20:05	266.4341	7.9255	260695.6744
09-11-2014 17:21:05	266.622	7.771	260760.8345
09-11-2014 17:22:05	266.8091	7.6158	260826.0826
09-11-2014 17:23:05	266.9976	7.4607	260891.3115
09-11-2014 17:24:05	267.1846	7.3054	260956.5608
09-11-2014 17:25:05	267.3729	7.1503	261021.7903

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 17:26:05	267.5603	6.9958	261086.9524
09-11-2014 17:27:05	267.7478	6.8399	261152.2684
09-11-2014 17:28:05	267.935	6.6853	261217.4292
09-11-2014 17:29:05	268.1224	6.5294	261282.7435
09-11-2014 17:30:05	268.3094	6.3749	261347.9019
09-11-2014 17:31:05	268.4964	6.2203	261413.0585
09-11-2014 17:32:05	268.6835	6.0644	261478.368
09-11-2014 17:33:05	268.8704	5.9098	261543.5204
09-11-2014 17:34:05	269.0573	5.7539	261608.8253
09-11-2014 17:35:05	269.2441	5.5993	261673.9723
09-11-2014 17:36:05	269.4315	5.4442	261739.1839
09-11-2014 17:37:05	269.6175	5.2888	261804.4118
09-11-2014 17:38:05	269.8048	5.1337	261869.6163
09-11-2014 17:39:05	269.9913	4.9792	261934.7491
09-11-2014 17:40:05	270.1779	4.8233	262000.0327
09-11-2014 17:41:05	270.3643	4.6688	262065.1567
09-11-2014 17:42:05	270.5508	4.5129	262130.4309
09-11-2014 17:43:05	270.7371	4.3584	262195.5448
09-11-2014 17:44:05	270.9242	4.2033	262260.7209
09-11-2014 17:45:05	271.1098	4.0481	262325.911
09-11-2014 17:46:05	271.2968	3.8931	262391.0753
09-11-2014 17:47:05	271.4829	3.7387	262456.1656
09-11-2014 17:48:05	271.6692	3.5829	262521.4044
09-11-2014 17:49:05	271.8553	3.4285	262586.4811
09-11-2014 17:50:05	272.0421	3.2736	262651.6181
09-11-2014 17:51:05	272.2276	3.1185	262716.7676
09-11-2014 17:52:05	272.4144	2.9636	262781.8894
09-11-2014 17:53:05	272.6012	2.8088	262847.0031
09-11-2014 17:54:05	272.7865	2.6538	262912.1283
09-11-2014 17:55:05	272.9733	2.499	262977.2248
09-11-2014 17:56:05	273.1593	2.3448	263042.2445
09-11-2014 17:57:05	273.3454	2.1893	263107.4105
09-11-2014 17:58:05	273.5313	2.0353	263172.4114
09-11-2014 17:59:05	273.7181	1.8806	263237.4702
09-11-2014 18:00:05	273.904	1.7266	263302.451
09-11-2014 18:01:05	274.0902	1.5713	263367.5769
09-11-2014 18:02:05	274.2769	1.4168	263432.6043
09-11-2014 18:03:05	274.4629	1.2629	263497.5529
09-11-2014 18:04:05	274.6491	1.1077	263562.6457
09-11-2014 18:05:05	274.835	0.9539	263627.5712
09-11-2014 18:06:05	275.0218	0.7996	263692.5525

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
09-11-2014 18:07:05	275.2079	0.6459	263757.4538
09-11-2014 18:08:05	275.3941	0.4909	263822.4984
09-11-2014 18:09:05	275.581	0.3367	263887.4421
09-11-2014 18:10:05	275.7671	0.1832	263952.305
09-11-2014 18:11:05	275.9534	0.0283	264017.3102
10-11-2014 06:30:05	93.87	0.0487	297073.6484
10-11-2014 06:31:05	94.0687	0.1907	297099.6359
10-11-2014 06:32:05	94.2676	0.3341	297125.4644
10-11-2014 06:33:05	94.4657	0.4768	297151.3576
10-11-2014 06:34:05	94.6645	0.6187	297177.3362
10-11-2014 06:35:05	94.8636	0.762	297203.1566
10-11-2014 06:36:05	95.0619	0.9046	297229.0427
10-11-2014 06:37:05	95.2616	1.0471	297254.9474
10-11-2014 06:38:05	95.46	1.1896	297280.8302
10-11-2014 06:39:05	95.6584	1.3321	297306.7118
10-11-2014 06:40:05	95.8584	1.4744	297332.6131
10-11-2014 06:41:05	96.0569	1.6168	297358.4933
10-11-2014 06:42:05	96.2556	1.7592	297384.3732
10-11-2014 06:43:05	96.4551	1.9021	297410.1856
10-11-2014 06:44:05	96.6544	2.0436	297436.154
10-11-2014 06:45:05	96.8533	2.1858	297462.035
10-11-2014 06:46:05	97.053	2.3286	297487.8495
10-11-2014 06:47:05	97.2526	2.4699	297513.8207
10-11-2014 06:48:05	97.4516	2.6119	297539.7053
10-11-2014 06:49:05	97.6516	2.7545	297565.5246
10-11-2014 06:50:05	97.8514	2.8956	297591.5014
10-11-2014 06:51:05	98.0515	3.0381	297617.3254
10-11-2014 06:52:05	98.251	3.1799	297643.2193
10-11-2014 06:53:05	98.4511	3.3208	297669.2044
10-11-2014 06:54:05	98.6514	3.4631	297695.0377
10-11-2014 06:55:05	98.8511	3.6046	297720.9416
10-11-2014 06:56:05	99.0509	3.7461	297746.8495
10-11-2014 06:57:05	99.2522	3.8874	297772.7831
10-11-2014 06:58:05	99.4522	4.0287	297798.6998
10-11-2014 06:59:05	99.6531	4.1706	297824.5545
10-11-2014 07:00:05	99.8539	4.311	297850.5697
10-11-2014 07:01:05	100.0542	4.4521	297876.5019
10-11-2014 07:02:05	100.2555	4.5937	297902.3732
10-11-2014 07:03:05	100.456	4.7346	297928.3173
10-11-2014 07:04:05	100.6581	4.8752	297954.2895
10-11-2014 07:05:05	100.8589	5.016	297980.2466

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 07:06:05	101.0598	5.1566	298006.2106
10-11-2014 07:07:05	101.2616	5.2978	298032.1156
10-11-2014 07:08:05	101.4634	5.4375	298058.183
10-11-2014 07:09:05	101.6655	5.5784	298084.1034
10-11-2014 07:10:05	101.8669	5.7187	298110.0984
10-11-2014 07:11:05	102.0691	5.858	298136.1902
10-11-2014 07:12:05	102.2716	5.9987	298162.1362
10-11-2014 07:13:05	102.4735	6.1386	298188.1573
10-11-2014 07:14:05	102.6763	6.2791	298214.1219
10-11-2014 07:15:05	102.879	6.418	298240.2506
10-11-2014 07:16:05	103.0813	6.5576	298266.3007
10-11-2014 07:17:05	103.2845	6.6977	298292.2953
10-11-2014 07:18:05	103.4871	6.8371	298318.3662
10-11-2014 07:19:05	103.6913	6.9761	298344.471
10-11-2014 07:20:05	103.8942	7.1153	298370.5638
10-11-2014 07:21:05	104.0972	7.2543	298396.668
10-11-2014 07:22:05	104.3013	7.3938	298422.7187
10-11-2014 07:23:05	104.5047	7.5326	298448.8466
10-11-2014 07:24:05	104.7096	7.671	298475.0105
10-11-2014 07:25:05	104.9134	7.8095	298501.1633
10-11-2014 07:26:05	105.1181	7.9485	298527.2642
10-11-2014 07:27:05	105.3222	8.0867	298553.4431
10-11-2014 07:28:05	105.527	8.224	298579.7243
10-11-2014 07:29:05	105.7323	8.3625	298605.8658
10-11-2014 07:30:05	105.9369	8.5004	298632.0861
10-11-2014 07:31:05	106.1426	8.6386	298658.2562
10-11-2014 07:32:05	106.3481	8.7754	298684.5943
10-11-2014 07:33:05	106.5542	8.9133	298710.7942
10-11-2014 07:34:05	106.7595	9.0506	298737.0737
10-11-2014 07:35:05	106.9659	9.1883	298763.3046
10-11-2014 07:36:05	107.1717	9.3252	298789.6154
10-11-2014 07:37:05	107.3783	9.4612	298816.0312
10-11-2014 07:38:05	107.5853	9.5984	298842.3107
10-11-2014 07:39:05	107.7917	9.7349	298868.6707
10-11-2014 07:40:05	107.9991	9.8717	298894.984
10-11-2014 07:41:05	108.2059	10.0079	298921.3783
10-11-2014 07:42:05	108.4143	10.1436	298947.8155
10-11-2014 07:43:05	108.6215	10.2794	298974.2451
10-11-2014 07:44:05	108.8298	10.4157	299000.6296
10-11-2014 07:45:05	109.0375	10.5511	299027.0958
10-11-2014 07:46:05	109.2462	10.687	299053.5177

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 07:47:05	109.4549	10.8213	299080.1106
10-11-2014 07:48:05	109.6641	10.9568	299106.5709
10-11-2014 07:49:05	109.8726	11.0916	299133.1137
10-11-2014 07:50:05	110.0814	11.2262	299159.6761
10-11-2014 07:51:05	110.2913	11.3611	299186.1963
10-11-2014 07:52:05	110.5006	11.4953	299212.7993
10-11-2014 07:53:05	110.7115	11.6291	299239.4499
10-11-2014 07:54:05	110.9212	11.7629	299266.0946
10-11-2014 07:55:05	111.1321	11.8971	299292.6984
10-11-2014 07:56:05	111.3423	12.0306	299319.3859
10-11-2014 07:57:05	111.5536	12.1644	299346.0333
10-11-2014 07:58:05	111.7644	12.2974	299372.7648
10-11-2014 07:59:05	111.9768	12.43	299399.5463
10-11-2014 08:00:05	112.188	12.5626	299426.3227
10-11-2014 08:01:05	112.4004	12.6956	299453.0607
10-11-2014 08:02:05	112.6121	12.8279	299479.8833
10-11-2014 08:03:05	112.825	12.9604	299506.6683
10-11-2014 08:04:05	113.0373	13.0922	299533.5381
10-11-2014 08:05:05	113.2513	13.2235	299560.4606
10-11-2014 08:06:05	113.4641	13.3549	299587.3788
10-11-2014 08:07:05	113.6781	13.4866	299614.261
10-11-2014 08:08:05	113.8914	13.6175	299641.2287
10-11-2014 08:09:05	114.1059	13.7488	299668.1612
10-11-2014 08:10:05	114.3198	13.8793	299695.1795
10-11-2014 08:11:05	114.5349	14.0101	299722.1633
10-11-2014 08:12:05	114.75	14.1392	299749.3228
10-11-2014 08:13:05	114.9656	14.2696	299776.3592
10-11-2014 08:14:05	115.1807	14.3991	299803.4818
10-11-2014 08:15:05	115.3969	14.529	299830.5718
10-11-2014 08:16:05	115.6125	14.658	299857.7483
10-11-2014 08:17:05	115.8293	14.7874	299884.8929
10-11-2014 08:18:05	116.0455	14.916	299912.1243
10-11-2014 08:19:05	116.2629	15.0449	299939.3246
10-11-2014 08:20:05	116.4803	15.1721	299966.7016
10-11-2014 08:21:05	116.6983	15.3005	299993.9588
10-11-2014 08:22:05	116.9158	15.4281	300021.3032
10-11-2014 08:23:05	117.1344	15.5559	300048.6183
10-11-2014 08:24:05	117.3524	15.683	300076.0208
10-11-2014 08:25:05	117.5717	15.8103	300103.3949
10-11-2014 08:26:05	117.7904	15.9369	300130.8565
10-11-2014 08:27:05	118.0102	16.0637	300158.2905

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 08:28:05	118.2304	16.1902	300185.755
10-11-2014 08:29:05	118.4506	16.3151	300213.3974
10-11-2014 08:30:05	118.6715	16.4411	300240.9234
10-11-2014 08:31:05	118.8917	16.5663	300268.5378
10-11-2014 08:32:05	119.1132	16.6917	300296.1265
10-11-2014 08:33:05	119.3342	16.8163	300323.8036
10-11-2014 08:34:05	119.5563	16.9412	300351.456
10-11-2014 08:35:05	119.7779	17.0652	300379.197
10-11-2014 08:36:05	120.0007	17.1895	300406.9141
10-11-2014 08:37:05	120.223	17.313	300434.72
10-11-2014 08:38:05	120.4465	17.4367	300462.5029
10-11-2014 08:39:05	120.6709	17.5593	300490.4089
10-11-2014 08:40:05	120.8942	17.6819	300518.3142
10-11-2014 08:41:05	121.1187	17.8047	300546.1977
10-11-2014 08:42:05	121.3427	17.9267	300574.1705
10-11-2014 08:43:05	121.568	18.0489	300602.1221
10-11-2014 08:44:05	121.7926	18.1702	300630.1634
10-11-2014 08:45:05	122.0186	18.2918	300658.1844
10-11-2014 08:46:05	122.244	18.4126	300686.295
10-11-2014 08:47:05	122.4706	18.5335	300714.3863
10-11-2014 08:48:05	122.6976	18.6541	300742.5132
10-11-2014 08:49:05	122.9241	18.7739	300770.73
10-11-2014 08:50:05	123.1518	18.8939	300798.9288
10-11-2014 08:51:05	123.379	19.0131	300827.2174
10-11-2014 08:52:05	123.6075	19.1324	300855.4889
10-11-2014 08:53:05	123.8359	19.25	300883.9408
10-11-2014 08:54:05	124.0651	19.3687	300912.2861
10-11-2014 08:55:05	124.2947	19.487	300940.6687
10-11-2014 08:56:05	124.5237	19.6045	300969.1416
10-11-2014 08:57:05	124.7541	19.7221	300997.5994
10-11-2014 08:58:05	124.9839	19.8389	301026.1477
10-11-2014 08:59:05	125.2149	19.9558	301054.6817
10-11-2014 09:00:05	125.4455	20.0719	301083.3063
10-11-2014 09:01:05	125.6773	20.1882	301111.9174
10-11-2014 09:02:05	125.9096	20.3041	301140.5676
10-11-2014 09:03:05	126.1413	20.4191	301169.3085
10-11-2014 09:04:05	126.3743	20.5343	301198.0373
10-11-2014 09:05:05	126.6067	20.6486	301226.8567
10-11-2014 09:06:05	126.8405	20.763	301255.665
10-11-2014 09:07:05	127.0747	20.8771	301284.5135
10-11-2014 09:08:05	127.3083	20.9903	301313.4528

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 09:09:05	127.5433	21.1036	301342.3823
10-11-2014 09:10:05	127.7777	21.2161	301371.4026
10-11-2014 09:11:05	128.0135	21.3287	301400.4137
10-11-2014 09:12:05	128.2496	21.4409	301429.4664
10-11-2014 09:13:05	128.4852	21.5522	301458.6099
10-11-2014 09:14:05	128.7222	21.6636	301487.7457
10-11-2014 09:15:05	128.9586	21.7741	301516.9726
10-11-2014 09:16:05	129.1964	21.8848	301546.1925
10-11-2014 09:17:05	129.4346	21.995	301575.4548
10-11-2014 09:18:05	129.6722	22.1044	301604.8084
10-11-2014 09:19:05	129.9112	22.2138	301634.1562
10-11-2014 09:20:05	130.1497	22.3223	301663.5953
10-11-2014 09:21:05	130.3895	22.431	301693.0295
10-11-2014 09:22:05	130.6297	22.5392	301722.5073
10-11-2014 09:23:05	130.8694	22.6465	301752.0763
10-11-2014 09:24:05	131.1104	22.7539	301781.6417
10-11-2014 09:25:05	131.3519	22.8609	301811.2514
10-11-2014 09:26:05	131.5928	22.9669	301840.9524
10-11-2014 09:27:05	131.8352	23.0731	301870.6512
10-11-2014 09:28:05	132.0769	23.1783	301900.4411
10-11-2014 09:29:05	132.3201	23.2836	301930.2296
10-11-2014 09:30:05	132.5636	23.3884	301960.0635
10-11-2014 09:31:05	132.8066	23.4923	301989.9885
10-11-2014 09:32:05	133.0511	23.5963	302019.9135
10-11-2014 09:33:05	133.2959	23.6998	302049.8844
10-11-2014 09:34:05	133.5402	23.8024	302079.9465
10-11-2014 09:35:05	133.7859	23.9051	302110.0098
10-11-2014 09:36:05	134.032	24.0072	302140.1196
10-11-2014 09:37:05	134.2775	24.1085	302170.3207
10-11-2014 09:38:05	134.5245	24.2098	302200.5241
10-11-2014 09:39:05	134.7709	24.3102	302230.8186
10-11-2014 09:40:05	135.0187	24.4105	302261.1164
10-11-2014 09:41:05	135.267	24.5104	302291.4619
10-11-2014 09:42:05	135.5147	24.6094	302321.8984
10-11-2014 09:43:05	135.7638	24.7084	302352.3395
10-11-2014 09:44:05	136.0133	24.8069	302382.8288
10-11-2014 09:45:05	136.2623	24.9044	302413.409
10-11-2014 09:46:05	136.5127	25.002	302443.9951
10-11-2014 09:47:05	136.7636	25.099	302474.6299
10-11-2014 09:48:05	137.0138	25.1952	302505.3557
10-11-2014 09:49:05	137.2655	25.2913	302536.0885

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 09:50:05	137.5177	25.3869	302566.8708
10-11-2014 09:51:05	137.7692	25.4815	302597.7438
10-11-2014 09:52:05	138.0223	25.5761	302628.6251
10-11-2014 09:53:05	138.2757	25.6703	302659.5564
10-11-2014 09:54:05	138.5286	25.7635	302690.5783
10-11-2014 09:55:05	138.7824	25.8575	302721.5186
10-11-2014 09:56:05	139.0372	25.9501	302752.6005
10-11-2014 09:57:05	139.2913	26.0418	302783.7731
10-11-2014 09:58:05	139.5469	26.1334	302814.9565
10-11-2014 09:59:05	139.803	26.2244	302846.1909
10-11-2014 10:00:05	140.0584	26.3146	302877.5158
10-11-2014 10:01:05	140.3153	26.4046	302908.8526
10-11-2014 10:02:05	140.5727	26.4941	302940.2411
10-11-2014 10:03:05	140.8294	26.5827	302971.7198
10-11-2014 10:04:05	141.0877	26.6712	303003.2118
10-11-2014 10:05:05	141.3463	26.7591	303034.756
10-11-2014 10:06:05	141.6043	26.8461	303066.3902
10-11-2014 10:07:05	141.8639	26.9329	303098.0389
10-11-2014 10:08:05	142.1238	27.0192	303129.7403
10-11-2014 10:09:05	142.3827	27.1055	303161.44
10-11-2014 10:10:05	142.6435	27.1908	303193.2469
10-11-2014 10:11:05	142.9048	27.2754	303225.1072
10-11-2014 10:12:05	143.1664	27.3596	303257.0207
10-11-2014 10:13:05	143.4275	27.4427	303289.0236
10-11-2014 10:14:05	143.69	27.5258	303321.0441
10-11-2014 10:15:05	143.9529	27.6082	303353.1185
10-11-2014 10:16:05	144.2153	27.6897	303385.282
10-11-2014 10:17:05	144.4791	27.771	303417.4643
10-11-2014 10:18:05	144.7433	27.8518	303449.7008
10-11-2014 10:19:05	145.0069	27.9316	303482.0263
10-11-2014 10:20:05	145.2715	28.0122	303514.2801
10-11-2014 10:21:05	145.537	28.0912	303546.6805
10-11-2014 10:22:05	145.803	28.1696	303579.1357
10-11-2014 10:23:05	146.0682	28.2472	303611.6795
10-11-2014 10:24:05	146.335	28.3244	303644.245
10-11-2014 10:25:05	146.6021	28.4011	303676.8658
10-11-2014 10:26:05	146.8686	28.4769	303709.5748
10-11-2014 10:27:05	147.1366	28.5524	303742.3068
10-11-2014 10:28:05	147.4051	28.6273	303775.0946
10-11-2014 10:29:05	147.6735	28.7026	303807.8466
10-11-2014 10:30:05	147.9416	28.776	303840.7782

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 10:31:05	148.2113	28.8491	303873.7343
10-11-2014 10:32:05	148.4813	28.9216	303906.7468
10-11-2014 10:33:05	148.7507	28.9932	303939.8469
10-11-2014 10:34:05	149.0216	29.0645	303972.9726
10-11-2014 10:35:05	149.2928	29.1351	304006.1551
10-11-2014 10:36:05	149.5641	29.2061	304039.3028
10-11-2014 10:37:05	149.8351	29.2753	304072.6294
10-11-2014 10:38:05	150.1075	29.3441	304105.9832
10-11-2014 10:39:05	150.3804	29.4122	304139.3945
10-11-2014 10:40:05	150.6536	29.4798	304172.8634
10-11-2014 10:41:05	150.9261	29.5464	304206.4188
10-11-2014 10:42:05	151.2001	29.6127	304240.003
10-11-2014 10:43:05	151.4742	29.6793	304273.5531
10-11-2014 10:44:05	151.749	29.7443	304307.2535
10-11-2014 10:45:05	152.023	29.8084	304341.0397
10-11-2014 10:46:05	152.2986	29.8722	304374.8564
10-11-2014 10:47:05	152.5745	29.9352	304408.7315
10-11-2014 10:48:05	152.8508	29.9977	304442.6654
10-11-2014 10:49:05	153.1263	30.0592	304476.6846
10-11-2014 10:50:05	153.403	30.1213	304510.6435
10-11-2014 10:51:05	153.6804	30.1818	304544.7537
10-11-2014 10:52:05	153.9582	30.2416	304578.923
10-11-2014 10:53:05	154.2352	30.3005	304613.1771
10-11-2014 10:54:05	154.5136	30.359	304647.4646
10-11-2014 10:55:05	154.7925	30.4168	304681.8117
10-11-2014 10:56:05	155.0714	30.475	304716.1261
10-11-2014 10:57:05	155.3498	30.5312	304750.6169
10-11-2014 10:58:05	155.6296	30.587	304785.1428
10-11-2014 10:59:05	155.9099	30.6422	304819.7286
10-11-2014 11:00:05	156.1904	30.6966	304854.3745
10-11-2014 11:01:05	156.4702	30.7502	304889.1038
10-11-2014 11:02:05	156.7511	30.8043	304923.7776
10-11-2014 11:03:05	157.0327	30.8567	304958.6039
10-11-2014 11:04:05	157.3146	30.9084	304993.4908
10-11-2014 11:05:05	157.5957	30.9593	305028.4604
10-11-2014 11:06:05	157.8782	31.0096	305063.4682
10-11-2014 11:07:05	158.1608	31.0603	305098.4443
10-11-2014 11:08:05	158.444	31.1093	305133.5737
10-11-2014 11:09:05	158.7275	31.1575	305168.7641
10-11-2014 11:10:05	159.0101	31.2049	305204.0364
10-11-2014 11:11:05	159.2942	31.2518	305239.3489

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 11:12:05	159.5783	31.2989	305274.63
10-11-2014 11:13:05	159.863	31.3444	305310.065
10-11-2014 11:14:05	160.1468	31.389	305345.5811
10-11-2014 11:15:05	160.4321	31.433	305381.1387
10-11-2014 11:16:05	160.7176	31.4764	305416.7581
10-11-2014 11:17:05	161.0032	31.52	305452.3466
10-11-2014 11:18:05	161.2893	31.5619	305488.0894
10-11-2014 11:19:05	161.5745	31.6029	305523.9124
10-11-2014 11:20:05	161.8612	31.6434	305559.7789
10-11-2014 11:21:05	162.1481	31.6832	305595.7074
10-11-2014 11:22:05	162.435	31.7232	305631.6053
10-11-2014 11:23:05	162.7225	31.7615	305667.6581
10-11-2014 11:24:05	163.009	31.7989	305703.7902
10-11-2014 11:25:05	163.2969	31.8358	305739.9674
10-11-2014 11:26:05	163.5851	31.8719	305776.2071
10-11-2014 11:27:05	163.8733	31.9083	305812.4166
10-11-2014 11:28:05	164.1619	31.943	305848.7815
10-11-2014 11:29:05	164.4496	31.9768	305885.2243
10-11-2014 11:30:05	164.7387	32.01	305921.7143
10-11-2014 11:31:05	165.0278	32.0435	305958.1743
10-11-2014 11:32:05	165.3173	32.0752	305994.79
10-11-2014 11:33:05	165.6071	32.1062	306031.4686
10-11-2014 11:34:05	165.897	32.1364	306068.2102
10-11-2014 11:35:05	166.1858	32.1668	306104.9358
10-11-2014 11:36:05	166.4762	32.1955	306141.8034
10-11-2014 11:37:05	166.7667	32.2236	306178.7341
10-11-2014 11:38:05	167.0574	32.2508	306215.7281
10-11-2014 11:39:05	167.3482	32.2784	306252.6927
10-11-2014 11:40:05	167.6381	32.304	306289.8257
10-11-2014 11:41:05	167.9294	32.329	306327.0096
10-11-2014 11:42:05	168.2208	32.3533	306364.257
10-11-2014 11:43:05	168.5122	32.3778	306401.4751
10-11-2014 11:44:05	168.804	32.4006	306438.8496
10-11-2014 11:45:05	169.0959	32.4226	306476.2878
10-11-2014 11:46:05	169.3868	32.4437	306513.8003
10-11-2014 11:47:05	169.6788	32.4652	306551.2727
10-11-2014 11:48:05	169.9712	32.4849	306588.9018
10-11-2014 11:49:05	170.2636	32.5039	306626.5949
10-11-2014 11:50:05	170.5562	32.5221	306664.3517
10-11-2014 11:51:05	170.8488	32.5406	306702.0796
10-11-2014 11:52:05	171.1405	32.5572	306739.9732

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 11:53:05	171.4334	32.5731	306777.9218
10-11-2014 11:54:05	171.7265	32.5883	306815.9343
10-11-2014 11:55:05	172.0195	32.6037	306853.918
10-11-2014 11:56:05	172.3128	32.6173	306892.0588
10-11-2014 11:57:05	172.6061	32.6302	306930.2637
10-11-2014 11:58:05	172.8983	32.6432	306968.4469
10-11-2014 11:59:05	173.1918	32.6545	307006.7799
10-11-2014 12:00:05	173.4854	32.6651	307045.1773
10-11-2014 12:01:05	173.779	32.6749	307083.6389
10-11-2014 12:02:05	174.0727	32.6849	307122.0718
10-11-2014 12:03:05	174.3665	32.6932	307160.6621
10-11-2014 12:04:05	174.6603	32.7006	307199.3168
10-11-2014 12:05:05	174.9529	32.7083	307237.9477
10-11-2014 12:06:05	175.2468	32.7142	307276.7309
10-11-2014 12:07:05	175.5408	32.7194	307315.5786
10-11-2014 12:08:05	175.8348	32.7238	307354.4906
10-11-2014 12:09:05	176.1288	32.7284	307393.374
10-11-2014 12:10:05	176.4228	32.7313	307432.415
10-11-2014 12:11:05	176.7168	32.7334	307471.5206
10-11-2014 12:12:05	177.0097	32.7357	307510.6005
10-11-2014 12:13:05	177.3037	32.7362	307549.8348
10-11-2014 12:14:05	177.5978	32.7359	307589.1336
10-11-2014 12:15:05	177.8919	32.7359	307628.4038
10-11-2014 12:16:05	178.1859	32.7341	307667.8318
10-11-2014 12:17:05	178.4799	32.7316	307707.3243
10-11-2014 12:18:05	178.7739	32.7282	307746.8814
10-11-2014 12:19:05	179.0679	32.7251	307786.41
10-11-2014 12:20:05	179.3607	32.7203	307826.0969
10-11-2014 12:21:05	179.6546	32.7146	307865.8475
10-11-2014 12:22:05	179.9484	32.7092	307905.5694
10-11-2014 12:23:05	180.2422	32.702	307945.4492
10-11-2014 12:24:05	180.536	32.694	307985.3936
10-11-2014 12:25:05	180.8297	32.6863	308025.3093
10-11-2014 12:26:05	181.1233	32.6767	308065.3827
10-11-2014 12:27:05	181.4169	32.6664	308105.5208
10-11-2014 12:28:05	181.7104	32.6564	308145.6302
10-11-2014 12:29:05	182.0026	32.6446	308185.8955
10-11-2014 12:30:05	182.2959	32.632	308226.227
10-11-2014 12:31:05	182.5891	32.6196	308266.5297
10-11-2014 12:32:05	182.8822	32.6054	308306.9902
10-11-2014 12:33:05	183.1753	32.5905	308347.5153

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 12:34:05	183.4682	32.5759	308388.0114
10-11-2014 12:35:05	183.761	32.5594	308428.6655
10-11-2014 12:36:05	184.0536	32.5422	308469.384
10-11-2014 12:37:05	184.3462	32.5252	308510.0736
10-11-2014 12:38:05	184.6386	32.5064	308550.9209
10-11-2014 12:39:05	184.9297	32.487	308591.8277
10-11-2014 12:40:05	185.2219	32.4677	308632.7102
10-11-2014 12:41:05	185.5139	32.4466	308673.7503
10-11-2014 12:42:05	185.8057	32.4248	308714.8547
10-11-2014 12:43:05	186.0975	32.4033	308755.9302
10-11-2014 12:44:05	186.389	32.3799	308797.1632
10-11-2014 12:45:05	186.6804	32.3568	308838.3671
10-11-2014 12:46:05	186.9716	32.332	308879.7285
10-11-2014 12:47:05	187.2626	32.3064	308921.1541
10-11-2014 12:48:05	187.5535	32.281	308962.5506
10-11-2014 12:49:05	187.8441	32.2539	309004.1044
10-11-2014 12:50:05	188.1333	32.2261	309045.7141
10-11-2014 12:51:05	188.4237	32.1985	309087.3024
10-11-2014 12:52:05	188.7137	32.1691	309129.048
10-11-2014 12:53:05	189.0036	32.1399	309170.7642
10-11-2014 12:54:05	189.2932	32.109	309212.6376
10-11-2014 12:55:05	189.5826	32.0774	309254.5749
10-11-2014 12:56:05	189.8719	32.046	309296.4826
10-11-2014 12:57:05	190.1609	32.0129	309338.5474
10-11-2014 12:58:05	190.4496	31.979	309380.676
10-11-2014 12:59:05	190.7382	31.9454	309422.7749
10-11-2014 13:00:05	191.0264	31.91	309465.0307
10-11-2014 13:01:05	191.3146	31.8749	309507.2567
10-11-2014 13:02:05	191.6023	31.838	309549.6396
10-11-2014 13:03:05	191.8898	31.8004	309592.086
10-11-2014 13:04:05	192.176	31.7633	309634.4901
10-11-2014 13:05:05	192.463	31.7242	309677.0629
10-11-2014 13:06:05	192.7499	31.6854	309719.6055
10-11-2014 13:07:05	193.0363	31.6449	309762.3048
10-11-2014 13:08:05	193.3225	31.6036	309805.0672
10-11-2014 13:09:05	193.6085	31.5626	309847.7994
10-11-2014 13:10:05	193.8941	31.5199	309890.6879
10-11-2014 13:11:05	194.1796	31.4775	309933.5461
10-11-2014 13:12:05	194.4646	31.4333	309976.5604
10-11-2014 13:13:05	194.7493	31.3884	310019.6377
10-11-2014 13:14:05	195.0339	31.3438	310062.6842

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 13:15:05	195.318	31.2975	310105.8869
10-11-2014 13:16:05	195.602	31.2515	310149.0588
10-11-2014 13:17:05	195.8855	31.2037	310192.3867
10-11-2014 13:18:05	196.1687	31.1553	310235.7769
10-11-2014 13:19:05	196.4517	31.1071	310279.1362
10-11-2014 13:20:05	196.7343	31.0572	310322.6512
10-11-2014 13:21:05	197.0167	31.0076	310366.1351
10-11-2014 13:22:05	197.2986	30.9563	310409.7744
10-11-2014 13:23:05	197.5801	30.9043	310453.4759
10-11-2014 13:24:05	197.8604	30.8528	310497.128
10-11-2014 13:25:05	198.1412	30.7994	310540.9531
10-11-2014 13:26:05	198.422	30.7463	310584.7466
10-11-2014 13:27:05	198.7022	30.6915	310628.6952
10-11-2014 13:28:05	198.9822	30.637	310672.612
10-11-2014 13:29:05	199.2617	30.5808	310716.6839
10-11-2014 13:30:05	199.5408	30.524	310760.8172
10-11-2014 13:31:05	199.8198	30.4674	310804.9185
10-11-2014 13:32:05	200.0981	30.4092	310849.1743
10-11-2014 13:33:05	200.3764	30.3512	310893.3981
10-11-2014 13:34:05	200.654	30.2916	310937.7763
10-11-2014 13:35:05	200.9316	30.2323	310982.1221
10-11-2014 13:36:05	201.2085	30.1714	311026.6222
10-11-2014 13:37:05	201.4852	30.1108	311071.0898
10-11-2014 13:38:05	201.7614	30.0485	311115.7113
10-11-2014 13:39:05	202.0371	29.9855	311160.3935
10-11-2014 13:40:05	202.3127	29.9229	311205.0427
10-11-2014 13:41:05	202.5877	29.8586	311249.8458
10-11-2014 13:42:05	202.8626	29.7946	311294.6157
10-11-2014 13:43:05	203.1367	29.729	311339.5393
10-11-2014 13:44:05	203.4108	29.6637	311384.4294
10-11-2014 13:45:05	203.6842	29.5968	311429.473
10-11-2014 13:46:05	203.9574	29.5302	311474.483
10-11-2014 13:47:05	204.23	29.462	311519.646
10-11-2014 13:48:05	204.5025	29.3941	311564.7754
10-11-2014 13:49:05	204.7742	29.3246	311610.0576
10-11-2014 13:50:05	205.0459	29.2554	311655.3058
10-11-2014 13:51:05	205.3168	29.1846	311700.7066
10-11-2014 13:52:05	205.5873	29.1131	311746.1667
10-11-2014 13:53:05	205.8577	29.0421	311791.5924
10-11-2014 13:54:05	206.1274	28.9694	311837.1703
10-11-2014 13:55:05	206.397	28.897	311882.7136

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 13:56:05	206.6658	28.823	311928.409
10-11-2014 13:57:05	206.9345	28.7494	311974.0696
10-11-2014 13:58:05	207.2025	28.6742	312019.8819
10-11-2014 13:59:05	207.4704	28.5994	312065.6592
10-11-2014 14:00:05	207.7375	28.5229	312111.588
10-11-2014 14:01:05	208.0045	28.4468	312157.4815
10-11-2014 14:02:05	208.2708	28.3692	312203.5262
10-11-2014 14:03:05	208.5369	28.2919	312249.5353
10-11-2014 14:04:05	208.8023	28.213	312295.6953
10-11-2014 14:05:05	209.0676	28.1345	312341.8196
10-11-2014 14:06:05	209.3321	28.0544	312388.0946
10-11-2014 14:07:05	209.5965	27.9747	312434.3335
10-11-2014 14:08:05	209.8601	27.8934	312480.7227
10-11-2014 14:09:05	210.1237	27.8125	312527.0755
10-11-2014 14:10:05	210.3864	27.73	312573.5786
10-11-2014 14:11:05	210.6491	27.6479	312620.0449
10-11-2014 14:12:05	210.9109	27.5643	312666.661
10-11-2014 14:13:05	211.1726	27.481	312713.2404
10-11-2014 14:14:05	211.4336	27.3963	312759.9691
10-11-2014 14:15:05	211.6945	27.3118	312806.6607
10-11-2014 14:16:05	211.9545	27.2259	312853.5014
10-11-2014 14:17:05	212.2145	27.1403	312900.3048
10-11-2014 14:18:05	212.4747	27.0529	312947.2895
10-11-2014 14:19:05	212.7337	26.9662	312994.2043
10-11-2014 14:20:05	212.992	26.878	313041.2675
10-11-2014 14:21:05	213.2501	26.7902	313088.2927
10-11-2014 14:22:05	213.5074	26.7008	313135.4662
10-11-2014 14:23:05	213.7647	26.6119	313182.6013
10-11-2014 14:24:05	214.0211	26.5214	313229.8844
10-11-2014 14:25:05	214.2774	26.4314	313277.1288
10-11-2014 14:26:05	214.5329	26.3399	313324.5207
10-11-2014 14:27:05	214.7884	26.2487	313371.8737
10-11-2014 14:28:05	215.043	26.1561	313419.374
10-11-2014 14:29:05	215.2975	26.0639	313466.8351
10-11-2014 14:30:05	215.5515	25.9711	313514.35
10-11-2014 14:31:05	215.8048	25.8769	313562.0114
10-11-2014 14:32:05	216.0579	25.7831	313609.6332
10-11-2014 14:33:05	216.3102	25.6878	313657.4013
10-11-2014 14:34:05	216.5625	25.5929	313705.1295
10-11-2014 14:35:05	216.8138	25.4965	313753.0036
10-11-2014 14:36:05	217.0652	25.4006	313800.8374

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 14:37:05	217.3156	25.3032	313848.8168
10-11-2014 14:38:05	217.566	25.2063	313896.7557
10-11-2014 14:39:05	217.8166	25.1075	313944.8774
10-11-2014 14:40:05	218.0661	25.0095	313992.9207
10-11-2014 14:41:05	218.3147	24.9101	314041.1088
10-11-2014 14:42:05	218.5633	24.8111	314089.2557
10-11-2014 14:43:05	218.8115	24.7117	314137.4542
10-11-2014 14:44:05	219.0587	24.6107	314185.7968
10-11-2014 14:45:05	219.3059	24.5103	314234.0977
10-11-2014 14:46:05	219.5523	24.4084	314282.5425
10-11-2014 14:47:05	219.7986	24.3069	314330.9452
10-11-2014 14:48:05	220.044	24.204	314379.4913
10-11-2014 14:49:05	220.2894	24.1016	314427.995
10-11-2014 14:50:05	220.5344	23.9987	314476.549
10-11-2014 14:51:05	220.7784	23.8943	314525.2458
10-11-2014 14:52:05	221.0225	23.7905	314573.8998
10-11-2014 14:53:05	221.2666	23.6848	314622.7372
10-11-2014 14:54:05	221.5098	23.58	314671.4904
10-11-2014 14:55:05	221.752	23.4738	314720.3857
10-11-2014 14:56:05	221.9943	23.368	314769.2374
10-11-2014 14:57:05	222.2356	23.2609	314818.2308
10-11-2014 14:58:05	222.477	23.1542	314867.18
10-11-2014 14:59:05	222.7179	23.0471	314916.1778
10-11-2014 15:00:05	222.9579	22.9386	314965.3167
10-11-2014 15:01:05	223.1979	22.8305	315014.411
10-11-2014 15:02:05	223.437	22.7211	315063.6459
10-11-2014 15:03:05	223.6762	22.6122	315112.8358
10-11-2014 15:04:05	223.9148	22.5028	315162.0732
10-11-2014 15:05:05	224.1536	22.3917	315211.4944
10-11-2014 15:06:05	224.3914	22.2814	315260.8266
10-11-2014 15:07:05	224.6283	22.1698	315310.2983
10-11-2014 15:08:05	224.8652	22.0587	315359.724
10-11-2014 15:09:05	225.1017	21.9471	315409.1962
10-11-2014 15:10:05	225.3373	21.8342	315458.8074
10-11-2014 15:11:05	225.5729	21.7218	315508.3721
10-11-2014 15:12:05	225.8076	21.6081	315558.0753
10-11-2014 15:13:05	226.0424	21.4948	315607.7315
10-11-2014 15:14:05	226.2767	21.3812	315657.4333
10-11-2014 15:15:05	226.5111	21.2658	315707.3187
10-11-2014 15:16:05	226.7445	21.1513	315757.1109
10-11-2014 15:17:05	226.9771	21.0354	315807.0405

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 15:18:05	227.2097	20.9201	315856.9222
10-11-2014 15:19:05	227.4419	20.8044	315906.8483
10-11-2014 15:20:05	227.6732	20.6874	315956.911
10-11-2014 15:21:05	227.9045	20.5709	316006.9253
10-11-2014 15:22:05	228.1349	20.4531	316057.0757
10-11-2014 15:23:05	228.3654	20.3358	316107.1773
10-11-2014 15:24:05	228.5965	20.2176	316157.37
10-11-2014 15:25:05	228.8256	20.0986	316207.6505
10-11-2014 15:26:05	229.0549	19.9802	316257.8816
10-11-2014 15:27:05	229.2832	19.8604	316308.2476
10-11-2014 15:28:05	229.5116	19.7412	316358.5637
10-11-2014 15:29:05	229.7397	19.6216	316408.9221
10-11-2014 15:30:05	229.9668	19.5007	316459.4147
10-11-2014 15:31:05	230.194	19.3803	316509.8568
10-11-2014 15:32:05	230.4217	19.2591	316560.3898
10-11-2014 15:33:05	230.6476	19.1371	316611.0071
10-11-2014 15:34:05	230.8736	19.0157	316661.5733
10-11-2014 15:35:05	231.0992	18.8938	316712.1803
10-11-2014 15:36:05	231.3238	18.7708	316762.9201
10-11-2014 15:37:05	231.5486	18.6482	316813.6082
10-11-2014 15:38:05	231.7725	18.5244	316864.4284
10-11-2014 15:39:05	231.9965	18.4012	316915.1965
10-11-2014 15:40:05	232.2211	18.2771	316966.0552
10-11-2014 15:41:05	232.4438	18.1522	317016.9947
10-11-2014 15:42:05	232.6666	18.0279	317067.8813
10-11-2014 15:43:05	232.8891	17.9033	317118.8069
10-11-2014 15:44:05	233.1106	17.7774	317169.8632
10-11-2014 15:45:05	233.3323	17.6521	317220.8661
10-11-2014 15:46:05	233.5536	17.5264	317271.9071
10-11-2014 15:47:05	233.7749	17.3991	317323.1305
10-11-2014 15:48:05	233.9955	17.2727	317374.2476
10-11-2014 15:49:05	234.2156	17.1461	317425.4022
10-11-2014 15:50:05	234.4349	17.0182	317476.686
10-11-2014 15:51:05	234.6543	16.8909	317527.915
10-11-2014 15:52:05	234.8734	16.7633	317579.1808
10-11-2014 15:53:05	235.0915	16.6345	317630.5749
10-11-2014 15:54:05	235.3108	16.5057	317681.9672
10-11-2014 15:55:05	235.5287	16.3771	317733.3421
10-11-2014 15:56:05	235.7458	16.2474	317784.8447
10-11-2014 15:57:05	235.963	16.1182	317836.291
10-11-2014 15:58:05	236.1799	15.9886	317887.7728

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 15:59:05	236.3959	15.858	317939.3813
10-11-2014 16:00:05	236.613	15.7273	317990.9874
10-11-2014 16:01:05	236.8288	15.5969	318042.5738
10-11-2014 16:02:05	237.0438	15.4653	318094.2861
10-11-2014 16:03:05	237.2589	15.3343	318145.9409
10-11-2014 16:04:05	237.4737	15.203	318197.6295
10-11-2014 16:05:05	237.6876	15.0706	318249.4433
10-11-2014 16:06:05	237.9026	14.9382	318301.2544
10-11-2014 16:07:05	238.1163	14.806	318353.0431
10-11-2014 16:08:05	238.3292	14.6727	318404.9562
10-11-2014 16:09:05	238.5423	14.5399	318456.8103
10-11-2014 16:10:05	238.755	14.4069	318508.6968
10-11-2014 16:11:05	238.9669	14.2727	318560.7067
10-11-2014 16:12:05	239.1799	14.1386	318612.7134
10-11-2014 16:13:05	239.3917	14.0048	318664.6953
10-11-2014 16:14:05	239.6026	13.8698	318716.7999
10-11-2014 16:15:05	239.8137	13.7354	318768.8441
10-11-2014 16:16:05	240.0245	13.6008	318820.919
10-11-2014 16:17:05	240.235	13.4659	318873.0245
10-11-2014 16:18:05	240.4455	13.3293	318925.3089
10-11-2014 16:19:05	240.6554	13.1939	318977.4746
10-11-2014 16:20:05	240.8649	13.0581	319029.6701
10-11-2014 16:21:05	241.0736	12.9213	319081.9862
10-11-2014 16:22:05	241.2826	12.7851	319134.2401
10-11-2014 16:23:05	241.4921	12.6481	319186.5814
10-11-2014 16:24:05	241.6999	12.5106	319238.9842
10-11-2014 16:25:05	241.9079	12.3736	319291.3242
10-11-2014 16:26:05	242.1157	12.2364	319343.6925
10-11-2014 16:27:05	242.3231	12.099	319396.0885
10-11-2014 16:28:05	242.5306	11.9599	319448.6619
10-11-2014 16:29:05	242.7374	11.822	319501.113
10-11-2014 16:30:05	242.944	11.6838	319553.591
10-11-2014 16:31:05	243.1497	11.5445	319606.1867
10-11-2014 16:32:05	243.3557	11.4059	319658.7179
10-11-2014 16:33:05	243.5623	11.2665	319711.3351
10-11-2014 16:34:05	243.7678	11.1274	319763.9186
10-11-2014 16:35:05	243.9724	10.9872	319816.6186
10-11-2014 16:36:05	244.1773	10.8477	319869.2532
10-11-2014 16:37:05	244.3819	10.7079	319921.9129
10-11-2014 16:38:05	244.5871	10.5674	319974.6577
10-11-2014 16:39:05	244.7907	10.4264	320027.4577

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 16:40:05	244.9945	10.2859	320080.1912
10-11-2014 16:41:05	245.1981	10.1453	320132.9488
10-11-2014 16:42:05	245.4014	10.0044	320185.7302
10-11-2014 16:43:05	245.6047	9.862	320238.6865
10-11-2014 16:44:05	245.8075	9.7207	320291.5145
10-11-2014 16:45:05	246.0101	9.5793	320344.3655
10-11-2014 16:46:05	246.2118	9.4367	320397.3296
10-11-2014 16:47:05	246.4138	9.2949	320450.2255
10-11-2014 16:48:05	246.6165	9.1522	320503.2051
10-11-2014 16:49:05	246.818	9.0099	320556.145
10-11-2014 16:50:05	247.0188	8.8666	320609.1969
10-11-2014 16:51:05	247.2199	8.724	320662.1795
10-11-2014 16:52:05	247.4215	8.5805	320715.2451
10-11-2014 16:53:05	247.6222	8.4375	320768.2695
10-11-2014 16:54:05	247.822	8.2934	320821.4045
10-11-2014 16:55:05	248.0221	8.15	320874.4694
10-11-2014 16:56:05	248.222	8.0064	320927.554
10-11-2014 16:57:05	248.4226	7.862	320980.7208
10-11-2014 16:58:05	248.6215	7.7172	321033.9345
10-11-2014 16:59:05	248.8207	7.573	321087.0771
10-11-2014 17:00:05	249.0198	7.4287	321140.2383
10-11-2014 17:01:05	249.2195	7.2836	321193.4808
10-11-2014 17:02:05	249.4181	7.1389	321246.6786
10-11-2014 17:03:05	249.6159	6.9933	321299.9843
10-11-2014 17:04:05	249.8141	6.8482	321353.2174
10-11-2014 17:05:05	250.0121	6.703	321406.4677
10-11-2014 17:06:05	250.2107	6.5571	321459.7985
10-11-2014 17:07:05	250.4078	6.4108	321513.1725
10-11-2014 17:08:05	250.6052	6.2651	321566.473
10-11-2014 17:09:05	250.8024	6.1192	321619.7896
10-11-2014 17:10:05	251.0002	5.9726	321673.1858
10-11-2014 17:11:05	251.1971	5.8265	321726.5338
10-11-2014 17:12:05	251.3931	5.6793	321779.9867
10-11-2014 17:13:05	251.5896	5.5329	321833.3648
10-11-2014 17:14:05	251.7867	5.3857	321886.8218
10-11-2014 17:15:05	251.9828	5.2389	321940.229
10-11-2014 17:16:05	252.1781	5.0911	321993.7399
10-11-2014 17:17:05	252.3738	4.9441	322047.1749
10-11-2014 17:18:05	252.5702	4.7963	322100.6879
10-11-2014 17:19:05	252.7656	4.6489	322154.1497
10-11-2014 17:20:05	252.9609	4.5014	322207.6243

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
10-11-2014 17:21:05	253.1554	4.353	322261.201
10-11-2014 17:22:05	253.3511	4.2046	322314.7655
10-11-2014 17:23:05	253.5458	4.0567	322368.277
10-11-2014 17:24:05	253.7404	3.9087	322421.8003
10-11-2014 17:25:05	253.9349	3.7605	322475.3351
10-11-2014 17:26:05	254.1294	3.6108	322529.0355
10-11-2014 17:27:05	254.3235	3.4624	322582.5922
10-11-2014 17:28:05	254.5175	3.3138	322636.1595
10-11-2014 17:29:05	254.7121	3.1645	322689.8025
10-11-2014 17:30:05	254.9059	3.0157	322743.39
10-11-2014 17:31:05	255.0988	2.866	322797.0764
10-11-2014 17:32:05	255.2923	2.717	322850.6829
10-11-2014 17:33:05	255.4863	2.5672	322904.3642
10-11-2014 17:34:05	255.6795	2.4179	322957.9886
10-11-2014 17:35:05	255.8725	2.2685	323011.6215
10-11-2014 17:36:05	256.0648	2.1182	323065.3516
10-11-2014 17:37:05	256.2584	1.968	323119.0664
10-11-2014 17:38:05	256.4511	1.8183	323172.7229
10-11-2014 17:39:05	256.6436	1.6684	323226.3868
10-11-2014 17:40:05	256.8361	1.5185	323280.0576
10-11-2014 17:41:05	257.0292	1.3679	323333.8011
10-11-2014 17:42:05	257.2208	1.2169	323387.5738
10-11-2014 17:43:05	257.4128	1.0667	323441.2637
10-11-2014 17:44:05	257.6056	0.9157	323495.0258
10-11-2014 17:45:05	257.7975	0.7653	323548.7271
10-11-2014 17:46:05	257.9893	0.6147	323602.4336
10-11-2014 17:47:05	258.1809	0.4641	323656.1448
10-11-2014 17:48:05	258.3727	0.3119	323710.0159
10-11-2014 17:49:05	258.5642	0.1611	323763.7362
10-11-2014 17:50:05	258.7556	0.0102	323817.4604
11-11-2014 07:47:05	109.0832	0.0245	352333.8019
11-11-2014 07:48:05	109.2831	0.1626	352349.7471
11-11-2014 07:49:05	109.4823	0.2999	352365.7698
11-11-2014 07:50:05	109.6816	0.437	352381.806
11-11-2014 07:51:05	109.881	0.574	352397.856
11-11-2014 07:52:05	110.0806	0.7108	352413.9203
11-11-2014 07:53:05	110.2809	0.8466	352430.089
11-11-2014 07:54:05	110.4807	0.9831	352446.1824
11-11-2014 07:55:05	110.6807	1.1193	352462.291
11-11-2014 07:56:05	110.8809	1.2554	352478.4147
11-11-2014 07:57:05	111.0811	1.3913	352494.5541

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 07:58:05	111.2815	1.527	352510.7093
11-11-2014 07:59:05	111.4821	1.6625	352526.8808
11-11-2014 08:00:05	111.6834	1.797	352543.1591
11-11-2014 08:01:05	111.8843	1.9322	352559.3638
11-11-2014 08:02:05	112.0853	2.0671	352575.5856
11-11-2014 08:03:05	112.2865	2.2019	352591.8246
11-11-2014 08:04:05	112.4878	2.3364	352608.0814
11-11-2014 08:05:05	112.6893	2.4708	352624.356
11-11-2014 08:06:05	112.8915	2.6041	352640.7397
11-11-2014 08:07:05	113.0933	2.7381	352657.0511
11-11-2014 08:08:05	113.2953	2.8719	352673.3812
11-11-2014 08:09:05	113.4974	3.0054	352689.7304
11-11-2014 08:10:05	113.6997	3.1387	352706.099
11-11-2014 08:11:05	113.9022	3.2719	352722.4872
11-11-2014 08:12:05	114.1049	3.4048	352738.8952
11-11-2014 08:13:05	114.3083	3.5366	352755.4147
11-11-2014 08:14:05	114.5113	3.6691	352771.8635
11-11-2014 08:15:05	114.7145	3.8014	352788.3331
11-11-2014 08:16:05	114.9179	3.9334	352804.8238
11-11-2014 08:17:05	115.1215	4.0653	352821.3357
11-11-2014 08:18:05	115.3252	4.1969	352837.8693
11-11-2014 08:19:05	115.5291	4.3282	352854.4248
11-11-2014 08:20:05	115.7333	4.4594	352871.0024
11-11-2014 08:21:05	115.9381	4.5895	352887.6941
11-11-2014 08:22:05	116.1435	4.7207	352904.2562
11-11-2014 08:23:05	116.3482	4.8511	352920.9022
11-11-2014 08:24:05	116.5531	4.9814	352937.5714
11-11-2014 08:25:05	116.7582	5.1113	352954.2643
11-11-2014 08:26:05	116.9635	5.2411	352970.9811
11-11-2014 08:27:05	117.169	5.3706	352987.7218
11-11-2014 08:28:05	117.3747	5.4998	353004.4871
11-11-2014 08:29:05	117.5812	5.628	353021.3691
11-11-2014 08:30:05	117.7873	5.7567	353038.1839
11-11-2014 08:31:05	117.9937	5.8852	353055.0241
11-11-2014 08:32:05	118.2002	6.0135	353071.8897
11-11-2014 08:33:05	118.407	6.1415	353088.7811
11-11-2014 08:34:05	118.614	6.2692	353105.6985
11-11-2014 08:35:05	118.8212	6.3967	353122.6423
11-11-2014 08:36:05	119.0286	6.5239	353139.6127
11-11-2014 08:37:05	119.2368	6.65	353156.7024
11-11-2014 08:38:05	119.4446	6.7767	353173.7267

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 08:39:05	119.6527	6.9032	353190.7785
11-11-2014 08:40:05	119.8611	7.0293	353207.858
11-11-2014 08:41:05	120.0696	7.1552	353224.9655
11-11-2014 08:42:05	120.2784	7.2808	353242.101
11-11-2014 08:43:05	120.4882	7.4067	353259.2071
11-11-2014 08:44:05	120.6975	7.5318	353276.4001
11-11-2014 08:45:05	120.907	7.6565	353293.6221
11-11-2014 08:46:05	121.1172	7.7802	353310.9663
11-11-2014 08:47:05	121.3272	7.9044	353328.2471
11-11-2014 08:48:05	121.5374	8.0284	353345.5578
11-11-2014 08:49:05	121.7478	8.152	353362.8985
11-11-2014 08:50:05	121.9585	8.2754	353380.2696
11-11-2014 08:51:05	122.1694	8.3984	353397.6712
11-11-2014 08:52:05	122.3806	8.5212	353415.1037
11-11-2014 08:53:05	122.592	8.6437	353432.5673
11-11-2014 08:54:05	122.8037	8.7659	353450.0624
11-11-2014 08:55:05	123.0156	8.8877	353467.589
11-11-2014 08:56:05	123.2284	9.0085	353485.241
11-11-2014 08:57:05	123.4408	9.1297	353502.8317
11-11-2014 08:58:05	123.6535	9.2507	353520.4549
11-11-2014 08:59:05	123.8665	9.3714	353538.1107
11-11-2014 09:00:05	124.0805	9.4922	353555.744
11-11-2014 09:01:05	124.294	9.6123	353573.4661
11-11-2014 09:02:05	124.5077	9.732	353591.2217
11-11-2014 09:03:05	124.7217	9.8514	353609.0108
11-11-2014 09:04:05	124.936	9.9705	353626.834
11-11-2014 09:05:05	125.1506	10.0892	353644.6913
11-11-2014 09:06:05	125.3654	10.2077	353662.5832
11-11-2014 09:07:05	125.581	10.3249	353680.6036
11-11-2014 09:08:05	125.7963	10.4427	353698.5651
11-11-2014 09:09:05	126.0119	10.5601	353716.5619
11-11-2014 09:10:05	126.2278	10.6773	353734.594
11-11-2014 09:11:05	126.444	10.794	353752.6619
11-11-2014 09:12:05	126.6604	10.9105	353770.7656
11-11-2014 09:13:05	126.8772	11.0266	353788.9056
11-11-2014 09:14:05	127.095	11.1429	353807.0288
11-11-2014 09:15:05	127.3123	11.2583	353825.242
11-11-2014 09:16:05	127.5299	11.3734	353843.4922
11-11-2014 09:17:05	127.7478	11.4881	353861.7795
11-11-2014 09:18:05	127.9659	11.6025	353880.1043
11-11-2014 09:19:05	128.1843	11.7165	353898.4667

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 09:20:05	128.4036	11.8293	353916.9617
11-11-2014 09:21:05	128.6226	11.9426	353935.4002
11-11-2014 09:22:05	128.8418	12.0556	353953.877
11-11-2014 09:23:05	129.0614	12.1681	353972.3924
11-11-2014 09:24:05	129.2813	12.2804	353990.9467
11-11-2014 09:25:05	129.5015	12.3922	354009.5401
11-11-2014 09:26:05	129.7219	12.5037	354028.1728
11-11-2014 09:27:05	129.9436	12.6153	354046.7943
11-11-2014 09:28:05	130.1646	12.7261	354065.5065
11-11-2014 09:29:05	130.386	12.8365	354084.2587
11-11-2014 09:30:05	130.6077	12.9465	354103.0512
11-11-2014 09:31:05	130.8296	13.0561	354121.8842
11-11-2014 09:32:05	131.0519	13.1653	354140.7579
11-11-2014 09:33:05	131.2744	13.2742	354159.6725
11-11-2014 09:34:05	131.4973	13.3826	354178.6284
11-11-2014 09:35:05	131.7209	13.4898	354197.7211
11-11-2014 09:36:05	131.9444	13.5975	354216.7599
11-11-2014 09:37:05	132.1682	13.7048	354235.8407
11-11-2014 09:38:05	132.3922	13.8117	354254.9636
11-11-2014 09:39:05	132.6175	13.9187	354274.0803
11-11-2014 09:40:05	132.8422	14.0248	354293.2881
11-11-2014 09:41:05	133.0672	14.1305	354312.5387
11-11-2014 09:42:05	133.2926	14.2358	354331.8324
11-11-2014 09:43:05	133.5182	14.3406	354351.1692
11-11-2014 09:44:05	133.7441	14.4451	354370.5494
11-11-2014 09:45:05	133.9704	14.5492	354389.9733
11-11-2014 09:46:05	134.1969	14.6528	354409.441
11-11-2014 09:47:05	134.4238	14.7561	354428.9528
11-11-2014 09:48:05	134.651	14.8589	354448.5089
11-11-2014 09:49:05	134.8794	14.9617	354468.063
11-11-2014 09:50:05	135.1072	15.0637	354487.7085
11-11-2014 09:51:05	135.3354	15.1652	354507.3989
11-11-2014 09:52:05	135.5638	15.2664	354527.1345
11-11-2014 09:53:05	135.7926	15.367	354546.9154
11-11-2014 09:54:05	136.0217	15.4673	354566.7419
11-11-2014 09:55:05	136.2515	15.5662	354586.7106
11-11-2014 09:56:05	136.4813	15.6656	354606.6289
11-11-2014 09:57:05	136.7113	15.7645	354626.5934
11-11-2014 09:58:05	136.9417	15.863	354646.6043
11-11-2014 09:59:05	137.1733	15.9615	354666.6174
11-11-2014 10:00:05	137.4043	16.0591	354686.7219

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 10:01:05	137.6356	16.1563	354706.8734
11-11-2014 10:02:05	137.8672	16.253	354727.0722
11-11-2014 10:03:05	138.0992	16.3493	354747.3183
11-11-2014 10:04:05	138.3315	16.4451	354767.6121
11-11-2014 10:05:05	138.5641	16.5404	354787.9538
11-11-2014 10:06:05	138.797	16.6353	354808.3434
11-11-2014 10:07:05	139.0303	16.7297	354828.7812
11-11-2014 10:08:05	139.2639	16.8237	354849.2675
11-11-2014 10:09:05	139.4987	16.9176	354869.7601
11-11-2014 10:10:05	139.7329	17.0106	354890.344
11-11-2014 10:11:05	139.9675	17.1031	354910.9769
11-11-2014 10:12:05	140.2024	17.1952	354931.6589
11-11-2014 10:13:05	140.4376	17.2868	354952.3903
11-11-2014 10:14:05	140.6731	17.3779	354973.1714
11-11-2014 10:15:05	140.9089	17.4686	354994.002
11-11-2014 10:16:05	141.1451	17.5587	355014.8828
11-11-2014 10:17:05	141.3816	17.6484	355035.8135
11-11-2014 10:18:05	141.6193	17.738	355056.7546
11-11-2014 10:19:05	141.8564	17.8267	355077.7865
11-11-2014 10:20:05	142.0939	17.9148	355098.8691
11-11-2014 10:21:05	142.3317	18.0026	355120.0024
11-11-2014 10:22:05	142.5698	18.0898	355141.1869
11-11-2014 10:23:05	142.8082	18.1765	355162.4227
11-11-2014 10:24:05	143.0469	18.2627	355183.7098
11-11-2014 10:25:05	143.286	18.3484	355205.0485
11-11-2014 10:26:05	143.5263	18.4339	355226.4007
11-11-2014 10:27:05	143.7661	18.5186	355247.8435
11-11-2014 10:28:05	144.0061	18.6028	355269.3382
11-11-2014 10:29:05	144.2464	18.6864	355290.8853
11-11-2014 10:30:05	144.4871	18.7696	355312.4849
11-11-2014 10:31:05	144.7281	18.8522	355334.1372
11-11-2014 10:32:05	144.9694	18.9343	355355.8421
11-11-2014 10:33:05	145.211	19.0159	355377.6001
11-11-2014 10:34:05	145.4539	19.0973	355399.3749
11-11-2014 10:35:05	145.6961	19.1779	355421.2396
11-11-2014 10:36:05	145.9387	19.2579	355443.1579
11-11-2014 10:37:05	146.1816	19.3373	355465.1297
11-11-2014 10:38:05	146.4248	19.4163	355487.1554
11-11-2014 10:39:05	146.6683	19.4947	355509.2349
11-11-2014 10:40:05	146.9121	19.5725	355531.3687
11-11-2014 10:41:05	147.1563	19.6499	355553.5568

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 10:42:05	147.4017	19.727	355575.765
11-11-2014 10:43:05	147.6465	19.8032	355598.0623
11-11-2014 10:44:05	147.8915	19.8789	355620.4145
11-11-2014 10:45:05	148.1369	19.9541	355642.8216
11-11-2014 10:46:05	148.3826	20.0287	355665.2838
11-11-2014 10:47:05	148.6286	20.1027	355687.8012
11-11-2014 10:48:05	148.8749	20.1762	355710.3741
11-11-2014 10:49:05	149.1215	20.2491	355733.0024
11-11-2014 10:50:05	149.3694	20.3218	355755.654
11-11-2014 10:51:05	149.6166	20.3936	355778.3943
11-11-2014 10:52:05	149.8641	20.4648	355801.1904
11-11-2014 10:53:05	150.1119	20.5355	355824.0427
11-11-2014 10:54:05	150.36	20.6056	355846.9513
11-11-2014 10:55:05	150.6084	20.6752	355869.9162
11-11-2014 10:56:05	150.8571	20.7441	355892.9379
11-11-2014 10:57:05	151.1071	20.8128	355915.9855
11-11-2014 10:58:05	151.3564	20.8806	355939.1209
11-11-2014 10:59:05	151.606	20.9478	355962.3133
11-11-2014 11:00:05	151.8558	21.0145	355985.5628
11-11-2014 11:01:05	152.106	21.0806	356008.8696
11-11-2014 11:02:05	152.3564	21.1461	356032.2338
11-11-2014 11:03:05	152.6072	21.211	356055.6556
11-11-2014 11:04:05	152.8592	21.2756	356079.1061
11-11-2014 11:05:05	153.1105	21.3393	356102.6436
11-11-2014 11:06:05	153.3621	21.4024	356126.2391
11-11-2014 11:07:05	153.6139	21.4649	356149.8926
11-11-2014 11:08:05	153.866	21.5269	356173.6042
11-11-2014 11:09:05	154.1185	21.5882	356197.3743
11-11-2014 11:10:05	154.3711	21.6489	356221.2028
11-11-2014 11:11:05	154.6251	21.7093	356245.0628
11-11-2014 11:12:05	154.8783	21.7689	356269.0088
11-11-2014 11:13:05	155.1318	21.8278	356293.0137
11-11-2014 11:14:05	155.3856	21.8861	356317.0774
11-11-2014 11:15:05	155.6396	21.9438	356341.2003
11-11-2014 11:16:05	155.8939	22.0009	356365.3824
11-11-2014 11:17:05	156.1485	22.0574	356389.6237
11-11-2014 11:18:05	156.4043	22.1135	356413.8993
11-11-2014 11:19:05	156.6594	22.1687	356438.2598
11-11-2014 11:20:05	156.9147	22.2234	356462.68
11-11-2014 11:21:05	157.1703	22.2774	356487.1599
11-11-2014 11:22:05	157.4261	22.3307	356511.6998

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 11:23:05	157.6821	22.3835	356536.2996
11-11-2014 11:24:05	157.9392	22.4368	356560.8365
11-11-2014 11:25:05	158.1958	22.4883	356585.5568
11-11-2014 11:26:05	158.4526	22.5392	356610.3374
11-11-2014 11:27:05	158.7096	22.5895	356635.1785
11-11-2014 11:28:05	158.9669	22.6391	356660.0801
11-11-2014 11:29:05	159.2244	22.688	356685.0422
11-11-2014 11:30:05	159.4822	22.7364	356710.0652
11-11-2014 11:31:05	159.7412	22.7843	356735.1272
11-11-2014 11:32:05	159.9994	22.8313	356760.2721
11-11-2014 11:33:05	160.2578	22.8778	356785.4781
11-11-2014 11:34:05	160.5164	22.9235	356810.7451
11-11-2014 11:35:05	160.7753	22.9687	356836.0734
11-11-2014 11:36:05	161.0344	23.0131	356861.4629
11-11-2014 11:37:05	161.2947	23.0572	356886.8938
11-11-2014 11:38:05	161.5542	23.1003	356912.4065
11-11-2014 11:39:05	161.8139	23.1429	356937.9808
11-11-2014 11:40:05	162.0738	23.1848	356963.6167
11-11-2014 11:41:05	162.3339	23.226	356989.3143
11-11-2014 11:42:05	162.5942	23.2666	357015.0739
11-11-2014 11:43:05	162.8558	23.3067	357040.8769
11-11-2014 11:44:05	163.1165	23.3459	357066.7606
11-11-2014 11:45:05	163.3772	23.3855	357092.6063
11-11-2014 11:46:05	163.6383	23.4234	357118.6143
11-11-2014 11:47:05	163.8996	23.4607	357144.6845
11-11-2014 11:48:05	164.161	23.4973	357170.817
11-11-2014 11:49:05	164.4237	23.5334	357196.9951
11-11-2014 11:50:05	164.6855	23.5687	357223.2527
11-11-2014 11:51:05	164.9475	23.6033	357249.5729
11-11-2014 11:52:05	165.2097	23.6373	357275.9557
11-11-2014 11:53:05	165.472	23.6706	357302.4012
11-11-2014 11:54:05	165.7345	23.7032	357328.9095
11-11-2014 11:55:05	165.9982	23.7352	357355.4656
11-11-2014 11:56:05	166.261	23.7665	357382.0998
11-11-2014 11:57:05	166.5239	23.7971	357408.7971
11-11-2014 11:58:05	166.787	23.827	357435.5574
11-11-2014 11:59:05	167.0503	23.8562	357462.3807
11-11-2014 12:00:05	167.3135	23.8858	357489.167
11-11-2014 12:01:05	167.5782	23.9138	357516.1033
11-11-2014 12:02:05	167.8418	23.941	357543.1166
11-11-2014 12:03:05	168.1056	23.9675	357570.1932

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 12:04:05	168.3696	23.9933	357597.3332
11-11-2014 12:05:05	168.6337	24.0185	357624.5367
11-11-2014 12:06:05	168.8989	24.043	357651.7917
11-11-2014 12:07:05	169.1633	24.0668	357679.1225
11-11-2014 12:08:05	169.4277	24.0899	357706.5169
11-11-2014 12:09:05	169.6923	24.1123	357733.975
11-11-2014 12:10:05	169.9569	24.134	357761.4968
11-11-2014 12:11:05	170.2217	24.1551	357789.0823
11-11-2014 12:12:05	170.4876	24.1755	357816.7214
11-11-2014 12:13:05	170.7525	24.1962	357844.3343
11-11-2014 12:14:05	171.0176	24.2151	357872.1116
11-11-2014 12:15:05	171.2828	24.2334	357899.9529
11-11-2014 12:16:05	171.548	24.251	357927.8582
11-11-2014 12:17:05	171.8144	24.268	357955.8186
11-11-2014 12:18:05	172.0799	24.2842	357983.8521
11-11-2014 12:19:05	172.3454	24.2997	358011.9498
11-11-2014 12:20:05	172.6109	24.3145	358040.1116
11-11-2014 12:21:05	172.8766	24.3286	358068.3376
11-11-2014 12:22:05	173.1434	24.3421	358096.6203
11-11-2014 12:23:05	173.4092	24.3548	358124.9749
11-11-2014 12:24:05	173.675	24.3678	358153.2932
11-11-2014 12:25:05	173.9409	24.3791	358181.7764
11-11-2014 12:26:05	174.2068	24.3897	358210.3239
11-11-2014 12:27:05	174.4728	24.3997	358238.9357
11-11-2014 12:28:05	174.74	24.409	358267.6063
11-11-2014 12:29:05	175.0061	24.4175	358296.3471
11-11-2014 12:30:05	175.2722	24.4253	358325.1523
11-11-2014 12:31:05	175.5384	24.4324	358354.022
11-11-2014 12:32:05	175.8046	24.4389	358382.9562
11-11-2014 12:33:05	176.0719	24.4447	358411.9505
11-11-2014 12:34:05	176.3381	24.4507	358440.9132
11-11-2014 12:35:05	176.6044	24.455	358470.0409
11-11-2014 12:36:05	176.8706	24.4586	358499.2333
11-11-2014 12:37:05	177.1369	24.4616	358528.4902
11-11-2014 12:38:05	177.4043	24.4638	358557.8088
11-11-2014 12:39:05	177.6707	24.4653	358587.1951
11-11-2014 12:40:05	177.937	24.4662	358616.6459
11-11-2014 12:41:05	178.2033	24.4663	358646.1613
11-11-2014 12:42:05	178.4696	24.4657	358675.7412
11-11-2014 12:43:05	178.737	24.4644	358705.3844
11-11-2014 12:44:05	179.0032	24.4635	358734.9929

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 12:45:05	179.2695	24.4608	358764.7668
11-11-2014 12:46:05	179.5358	24.4574	358794.6054
11-11-2014 12:47:05	179.802	24.4533	358824.5085
11-11-2014 12:48:05	180.0693	24.4485	358854.4762
11-11-2014 12:49:05	180.3354	24.443	358884.5087
11-11-2014 12:50:05	180.6015	24.4368	358914.6059
11-11-2014 12:51:05	180.8676	24.4299	358944.7676
11-11-2014 12:52:05	181.1337	24.4233	358974.8929
11-11-2014 12:53:05	181.4007	24.415	359005.1851
11-11-2014 12:54:05	181.6667	24.406	359035.5408
11-11-2014 12:55:05	181.9326	24.3963	359065.9608
11-11-2014 12:56:05	182.1984	24.3859	359096.4455
11-11-2014 12:57:05	182.4642	24.3748	359126.9946
11-11-2014 12:58:05	182.7309	24.363	359157.6112
11-11-2014 12:59:05	182.9966	24.3505	359188.2894
11-11-2014 13:00:05	183.2621	24.3373	359219.0322
11-11-2014 13:01:05	183.5276	24.3244	359249.7386
11-11-2014 13:02:05	183.7941	24.3098	359280.6144
11-11-2014 13:03:05	184.0594	24.2945	359311.5506
11-11-2014 13:04:05	184.3246	24.2785	359342.5512
11-11-2014 13:05:05	184.5898	24.2619	359373.6163
11-11-2014 13:06:05	184.8548	24.2445	359404.7455
11-11-2014 13:07:05	185.1208	24.2264	359435.9446
11-11-2014 13:08:05	185.3857	24.2086	359467.1019
11-11-2014 13:09:05	185.6504	24.1891	359498.4242
11-11-2014 13:10:05	185.915	24.169	359529.8107
11-11-2014 13:11:05	186.1795	24.1482	359561.2614
11-11-2014 13:12:05	186.445	24.1266	359592.7831
11-11-2014 13:13:05	186.7093	24.1043	359624.3623
11-11-2014 13:14:05	186.9734	24.0814	359656.0054
11-11-2014 13:15:05	187.2374	24.0578	359687.7127
11-11-2014 13:16:05	187.5025	24.0344	359719.3911
11-11-2014 13:17:05	187.7662	24.0095	359751.2265
11-11-2014 13:18:05	188.0298	23.9838	359783.1258
11-11-2014 13:19:05	188.2933	23.9574	359815.089
11-11-2014 13:20:05	188.5566	23.9304	359847.116
11-11-2014 13:21:05	188.8209	23.9026	359879.2161
11-11-2014 13:22:05	189.0839	23.8742	359911.3708
11-11-2014 13:23:05	189.3469	23.8461	359943.4884
11-11-2014 13:24:05	189.6096	23.8163	359975.7703
11-11-2014 13:25:05	189.8732	23.7857	360008.1265

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 13:26:05	190.1356	23.7546	360040.5358
11-11-2014 13:27:05	190.3978	23.7228	360073.0085
11-11-2014 13:28:05	190.6598	23.6903	360105.5446
11-11-2014 13:29:05	190.9217	23.6572	360138.144
11-11-2014 13:30:05	191.1846	23.6242	360170.7182
11-11-2014 13:31:05	191.4461	23.5897	360203.4444
11-11-2014 13:32:05	191.7074	23.5545	360236.2337
11-11-2014 13:33:05	191.9686	23.5186	360269.0862
11-11-2014 13:34:05	192.2306	23.482	360302.0149
11-11-2014 13:35:05	192.4914	23.4448	360334.9936
11-11-2014 13:36:05	192.7521	23.4079	360367.9347
11-11-2014 13:37:05	193.0124	23.3694	360401.0391
11-11-2014 13:38:05	193.2737	23.33	360434.2207
11-11-2014 13:39:05	193.5336	23.2902	360467.451
11-11-2014 13:40:05	193.7933	23.2496	360500.7438
11-11-2014 13:41:05	194.0529	23.2084	360534.0992
11-11-2014 13:42:05	194.3122	23.1666	360567.517
11-11-2014 13:43:05	194.5725	23.1249	360600.9124
11-11-2014 13:44:05	194.8314	23.0818	360634.4553
11-11-2014 13:45:05	195.0901	23.0379	360668.0604
11-11-2014 13:46:05	195.3485	22.9935	360701.7277
11-11-2014 13:47:05	195.6078	22.9482	360735.4739
11-11-2014 13:48:05	195.8658	22.9024	360769.2655
11-11-2014 13:49:05	196.1237	22.8569	360803.0186
11-11-2014 13:50:05	196.3812	22.8099	360836.934
11-11-2014 13:51:05	196.6395	22.762	360870.9291
11-11-2014 13:52:05	196.8965	22.7136	360904.9681
11-11-2014 13:53:05	197.1533	22.6646	360939.0688
11-11-2014 13:54:05	197.4099	22.6149	360973.2309
11-11-2014 13:55:05	197.6674	22.5654	361007.3731
11-11-2014 13:56:05	197.9234	22.5144	361041.6582
11-11-2014 13:57:05	198.1792	22.4629	361076.0045
11-11-2014 13:58:05	198.4348	22.4106	361110.4121
11-11-2014 13:59:05	198.6911	22.3576	361144.9006
11-11-2014 14:00:05	198.9463	22.3051	361179.33
11-11-2014 14:01:05	199.201	22.251	361213.9204
11-11-2014 14:02:05	199.4555	22.1962	361248.5717
11-11-2014 14:03:05	199.7108	22.1406	361283.3047
11-11-2014 14:04:05	199.9647	22.0846	361318.0773
11-11-2014 14:05:05	200.2184	22.028	361352.9104
11-11-2014 14:06:05	200.472	21.9717	361387.7035

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 14:07:05	200.7262	21.9137	361422.6794
11-11-2014 14:08:05	200.979	21.8552	361457.6933
11-11-2014 14:09:05	201.2316	21.7961	361492.7672
11-11-2014 14:10:05	201.4839	21.7363	361527.901
11-11-2014 14:11:05	201.7371	21.6768	361563.0179
11-11-2014 14:12:05	201.9888	21.6158	361598.2714
11-11-2014 14:13:05	202.2403	21.5542	361633.5844
11-11-2014 14:14:05	202.4914	21.4921	361668.9569
11-11-2014 14:15:05	202.7432	21.4291	361704.4131
11-11-2014 14:16:05	202.9938	21.3657	361739.9043
11-11-2014 14:17:05	203.2443	21.3027	361775.3547
11-11-2014 14:18:05	203.4943	21.2381	361810.9641
11-11-2014 14:19:05	203.7449	21.1727	361846.6576
11-11-2014 14:20:05	203.9943	21.1069	361882.3848
11-11-2014 14:21:05	204.2433	21.0405	361918.1705
11-11-2014 14:22:05	204.4923	20.9745	361953.9147
11-11-2014 14:23:05	204.7418	20.9067	361989.8439
11-11-2014 14:24:05	204.9899	20.8386	362025.8048
11-11-2014 14:25:05	205.2377	20.7698	362061.8239
11-11-2014 14:26:05	205.4853	20.7005	362097.901
11-11-2014 14:27:05	205.7338	20.6313	362133.9636
11-11-2014 14:28:05	205.9806	20.5608	362170.1564
11-11-2014 14:29:05	206.2272	20.4898	362206.4069
11-11-2014 14:30:05	206.4735	20.4181	362242.7147
11-11-2014 14:31:05	206.7204	20.3456	362279.1085
11-11-2014 14:32:05	206.9663	20.2738	362315.4313
11-11-2014 14:33:05	207.2116	20.2004	362351.9109
11-11-2014 14:34:05	207.4566	20.1265	362388.4474
11-11-2014 14:35:05	207.7023	20.0517	362425.0701
11-11-2014 14:36:05	207.9466	19.9767	362461.7202
11-11-2014 14:37:05	208.1909	19.902	362498.3272
11-11-2014 14:38:05	208.4346	19.8258	362535.0899
11-11-2014 14:39:05	208.679	19.7488	362571.9396
11-11-2014 14:40:05	208.922	19.6715	362608.8149
11-11-2014 14:41:05	209.1647	19.5937	362645.7459
11-11-2014 14:42:05	209.4084	19.5159	362682.6649
11-11-2014 14:43:05	209.6504	19.437	362719.7075
11-11-2014 14:44:05	209.8921	19.3575	362756.8056
11-11-2014 14:45:05	210.1335	19.2774	362793.959
11-11-2014 14:46:05	210.3756	19.1965	362831.1999
11-11-2014 14:47:05	210.6166	19.1163	362868.3644

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 14:48:05	210.857	19.0347	362905.6829
11-11-2014 14:49:05	211.097	18.9525	362943.0561
11-11-2014 14:50:05	211.3377	18.8694	362980.5172
11-11-2014 14:51:05	211.5774	18.7871	363017.9004
11-11-2014 14:52:05	211.8165	18.7033	363055.4369
11-11-2014 14:53:05	212.0561	18.6186	363093.0615
11-11-2014 14:54:05	212.2945	18.5337	363130.7061
11-11-2014 14:55:05	212.5325	18.4484	363168.4044
11-11-2014 14:56:05	212.7705	18.3634	363206.0573
11-11-2014 14:57:05	213.0088	18.2766	363243.8975
11-11-2014 14:58:05	213.2458	18.1897	363281.7562
11-11-2014 14:59:05	213.4825	18.1022	363319.6678
11-11-2014 15:00:05	213.7192	18.0152	363357.5335
11-11-2014 15:01:05	213.9561	17.9264	363395.5868
11-11-2014 15:02:05	214.1918	17.8374	363433.6568
11-11-2014 15:03:05	214.427	17.7479	363471.7791
11-11-2014 15:04:05	214.663	17.6576	363509.9904
11-11-2014 15:05:05	214.8979	17.568	363548.1185
11-11-2014 15:06:05	215.1322	17.477	363586.3971
11-11-2014 15:07:05	215.3661	17.3855	363624.7273
11-11-2014 15:08:05	215.6006	17.2932	363663.1466
11-11-2014 15:09:05	215.8343	17.2016	363701.4814
11-11-2014 15:10:05	216.0672	17.1086	363739.9658
11-11-2014 15:11:05	216.3007	17.0148	363778.5395
11-11-2014 15:12:05	216.5329	16.9209	363817.1257
11-11-2014 15:13:05	216.7651	16.8274	363855.6642
11-11-2014 15:14:05	216.9966	16.7324	363894.3515
11-11-2014 15:15:05	217.2287	16.6367	363933.1283
11-11-2014 15:16:05	217.4596	16.5408	363971.916
11-11-2014 15:17:05	217.6904	16.4454	364010.6553
11-11-2014 15:18:05	217.9206	16.3486	364049.5424
11-11-2014 15:19:05	218.1513	16.2509	364088.5193
11-11-2014 15:20:05	218.3808	16.1531	364127.5054
11-11-2014 15:21:05	218.6099	16.0549	364166.5406
11-11-2014 15:22:05	218.84	15.9568	364205.5676
11-11-2014 15:23:05	219.0684	15.8576	364244.7006
11-11-2014 15:24:05	219.2965	15.758	364283.8821
11-11-2014 15:25:05	219.5252	15.6576	364323.1534
11-11-2014 15:26:05	219.753	15.558	364362.3337
11-11-2014 15:27:05	219.9801	15.457	364401.6598
11-11-2014 15:28:05	220.2068	15.3556	364441.0334

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 15:29:05	220.4341	15.2533	364480.4971
11-11-2014 15:30:05	220.6606	15.1519	364519.8682
11-11-2014 15:31:05	220.8863	15.0491	364559.3841
11-11-2014 15:32:05	221.1126	14.9455	364598.99
11-11-2014 15:33:05	221.3376	14.8419	364638.5996
11-11-2014 15:34:05	221.5627	14.7388	364678.1584
11-11-2014 15:35:05	221.7871	14.6342	364717.8609
11-11-2014 15:36:05	222.012	14.5289	364757.6534
11-11-2014 15:37:05	222.2357	14.4235	364797.4481
11-11-2014 15:38:05	222.4595	14.3186	364837.1911
11-11-2014 15:39:05	222.6834	14.212	364877.1216
11-11-2014 15:40:05	222.9061	14.1054	364917.0528
11-11-2014 15:41:05	223.1288	13.9992	364956.932
11-11-2014 15:42:05	223.3518	13.8913	364996.9985
11-11-2014 15:43:05	223.5734	13.7834	365037.0644
11-11-2014 15:44:05	223.7948	13.6751	365077.1748
11-11-2014 15:45:05	224.0163	13.5672	365117.2325
11-11-2014 15:46:05	224.2378	13.4577	365157.4772
11-11-2014 15:47:05	224.4582	13.3481	365197.7197
11-11-2014 15:48:05	224.6782	13.2382	365238.0058
11-11-2014 15:49:05	224.8993	13.1283	365278.2851
11-11-2014 15:50:05	225.1187	13.0175	365318.6579
11-11-2014 15:51:05	225.3377	12.9064	365359.0735
11-11-2014 15:52:05	225.5573	12.7944	365399.579
11-11-2014 15:53:05	225.7762	12.6833	365439.9834
11-11-2014 15:54:05	225.9943	12.571	365480.5266
11-11-2014 15:55:05	226.212	12.4583	365521.1117
11-11-2014 15:56:05	226.4304	12.3447	365561.7868
11-11-2014 15:57:05	226.6479	12.2321	365602.359
11-11-2014 15:58:05	226.8647	12.1182	365643.0692
11-11-2014 15:59:05	227.0821	12.0035	365683.8689
11-11-2014 16:00:05	227.2987	11.8898	365724.5649
11-11-2014 16:01:05	227.5146	11.7748	365765.3977
11-11-2014 16:02:05	227.731	11.6589	365806.3202
11-11-2014 16:03:05	227.9462	11.5431	365847.2338
11-11-2014 16:04:05	228.1616	11.4279	365888.0914
11-11-2014 16:05:05	228.3771	11.3109	365929.1344
11-11-2014 16:06:05	228.5914	11.1941	365970.1675
11-11-2014 16:07:05	228.8058	11.0777	366011.1438
11-11-2014 16:08:05	229.0195	10.9601	366052.2551
11-11-2014 16:09:05	229.2338	10.8417	366093.4557

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 16:10:05	229.4468	10.7234	366134.6445
11-11-2014 16:11:05	229.6601	10.6056	366175.7759
11-11-2014 16:12:05	229.8734	10.4861	366217.0922
11-11-2014 16:13:05	230.0855	10.3667	366258.3954
11-11-2014 16:14:05	230.2974	10.247	366299.7362
11-11-2014 16:15:05	230.5103	10.1273	366341.0705
11-11-2014 16:16:05	230.7216	10.0069	366382.486
11-11-2014 16:17:05	230.9325	9.8862	366423.9383
11-11-2014 16:18:05	231.1446	9.7655	366465.3841
11-11-2014 16:19:05	231.3549	9.644	366506.9097
11-11-2014 16:20:05	231.565	9.5222	366548.4714
11-11-2014 16:21:05	231.7762	9.4005	366590.0264
11-11-2014 16:22:05	231.9857	9.2781	366631.6599
11-11-2014 16:23:05	232.1949	9.1553	366673.3287
11-11-2014 16:24:05	232.4047	9.0317	366715.0859
11-11-2014 16:25:05	232.6138	8.9092	366756.73
11-11-2014 16:26:05	232.8222	8.7854	366798.5038
11-11-2014 16:27:05	233.0303	8.6614	366840.3121
11-11-2014 16:28:05	233.2394	8.5374	366882.1134
11-11-2014 16:29:05	233.4469	8.4127	366923.9899
11-11-2014 16:30:05	233.6542	8.2876	366965.9001
11-11-2014 16:31:05	233.862	8.1618	367007.8978
11-11-2014 16:32:05	234.0692	8.037	367049.7803
11-11-2014 16:33:05	234.2756	7.9111	367091.79
11-11-2014 16:34:05	234.4826	7.7843	367133.8872
11-11-2014 16:35:05	234.689	7.6586	367175.8679
11-11-2014 16:36:05	234.8946	7.5317	367217.9751
11-11-2014 16:37:05	235.1008	7.404	367260.1694
11-11-2014 16:38:05	235.3064	7.2774	367302.246
11-11-2014 16:39:05	235.5112	7.1497	367344.4483
11-11-2014 16:40:05	235.7166	7.0211	367386.7373
11-11-2014 16:41:05	235.9209	6.8927	367429.0016
11-11-2014 16:42:05	236.1255	6.7649	367471.2026
11-11-2014 16:43:05	236.3301	6.6355	367513.5841
11-11-2014 16:44:05	236.5336	6.5063	367555.9397
11-11-2014 16:45:05	236.7374	6.3776	367598.2313
11-11-2014 16:46:05	236.9413	6.2473	367640.7027
11-11-2014 16:47:05	237.144	6.1172	367683.1472
11-11-2014 16:48:05	237.3471	5.9877	367725.5269
11-11-2014 16:49:05	237.5502	5.8565	367768.0861
11-11-2014 16:50:05	237.7522	5.7256	367810.617

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 16:51:05	237.9545	5.5953	367853.0826
11-11-2014 16:52:05	238.1569	5.4633	367895.7271
11-11-2014 16:53:05	238.3582	5.3316	367938.342
11-11-2014 16:54:05	238.5598	5.2004	367980.8912
11-11-2014 16:55:05	238.7615	5.0677	368023.6185
11-11-2014 16:56:05	238.9621	4.9351	368066.3151
11-11-2014 16:57:05	239.163	4.8032	368108.9453
11-11-2014 16:58:05	239.364	4.6696	368151.7531
11-11-2014 16:59:05	239.5639	4.5363	368194.5289
11-11-2014 17:00:05	239.7636	4.4027	368237.3306
11-11-2014 17:01:05	239.9644	4.2692	368280.1235
11-11-2014 17:02:05	240.1636	4.1352	368322.9762
11-11-2014 17:03:05	240.3626	4.0008	368365.8538
11-11-2014 17:04:05	240.5628	3.8666	368408.7226
11-11-2014 17:05:05	240.7614	3.7318	368451.6496
11-11-2014 17:06:05	240.9597	3.5967	368494.6007
11-11-2014 17:07:05	241.1592	3.4617	368537.5428
11-11-2014 17:08:05	241.3572	3.3261	368580.5417
11-11-2014 17:09:05	241.5549	3.1904	368623.564
11-11-2014 17:10:05	241.7538	3.0546	368666.5768
11-11-2014 17:11:05	241.9511	2.9184	368709.6451
11-11-2014 17:12:05	242.1482	2.7819	368752.736
11-11-2014 17:13:05	242.3465	2.6454	368795.8171
11-11-2014 17:14:05	242.5432	2.5085	368838.9524
11-11-2014 17:15:05	242.7397	2.3713	368882.1094
11-11-2014 17:16:05	242.9374	2.2342	368925.2563
11-11-2014 17:17:05	243.1335	2.0965	368968.456
11-11-2014 17:18:05	243.3302	1.9581	369011.7372
11-11-2014 17:19:05	243.5265	1.8209	369054.8868
11-11-2014 17:20:05	243.7221	1.6826	369098.1484
11-11-2014 17:21:05	243.9182	1.5435	369141.4909
11-11-2014 17:22:05	244.114	1.4056	369184.701
11-11-2014 17:23:05	244.3089	1.2666	369228.022
11-11-2014 17:24:05	244.5046	1.1269	369271.4233
11-11-2014 17:25:05	244.6998	0.9884	369314.6913
11-11-2014 17:26:05	244.8942	0.8488	369358.0691
11-11-2014 17:27:05	245.0893	0.7084	369401.5268
11-11-2014 17:28:05	245.284	0.5693	369444.8501
11-11-2014 17:29:05	245.4779	0.4291	369488.2822
11-11-2014 17:30:05	245.6725	0.2881	369531.7937
11-11-2014 17:31:05	245.8667	0.1483	369575.1697

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
11-11-2014 17:32:05	246.0601	0.0075	369618.6535
12-11-2014 08:49:05	121.0337	0.0579	392657.7138
12-11-2014 08:50:05	121.2325	0.1828	392666.3351
12-11-2014 08:51:05	121.4323	0.308	392674.9234
12-11-2014 08:52:05	121.6322	0.4328	392683.5373
12-11-2014 08:53:05	121.8315	0.5569	392692.2347
12-11-2014 08:54:05	122.0318	0.6812	392700.9003
12-11-2014 08:55:05	122.2322	0.8053	392709.5924
12-11-2014 08:56:05	122.4321	0.9285	392718.3683
12-11-2014 08:57:05	122.6329	1.052	392727.1135
12-11-2014 08:58:05	122.8339	1.1752	392735.8859
12-11-2014 08:59:05	123.0351	1.2982	392744.6858
12-11-2014 09:00:05	123.2357	1.4203	392753.57
12-11-2014 09:01:05	123.4372	1.5426	392762.4253
12-11-2014 09:02:05	123.6395	1.6638	392771.4024
12-11-2014 09:03:05	123.8407	1.7851	392780.3708
12-11-2014 09:04:05	124.0428	1.9065	392789.3113
12-11-2014 09:05:05	124.2452	2.0277	392798.2808
12-11-2014 09:06:05	124.4477	2.1486	392807.2794
12-11-2014 09:07:05	124.6497	2.2687	392816.3635
12-11-2014 09:08:05	124.8526	2.3889	392825.4213
12-11-2014 09:09:05	125.0557	2.5089	392834.509
12-11-2014 09:10:05	125.2583	2.6281	392843.6825
12-11-2014 09:11:05	125.4618	2.7474	392852.8309
12-11-2014 09:12:05	125.6656	2.8665	392862.0101
12-11-2014 09:13:05	125.8687	2.9847	392871.2752
12-11-2014 09:14:05	126.0729	3.1031	392880.5164
12-11-2014 09:15:05	126.2773	3.2212	392889.7893
12-11-2014 09:16:05	126.4818	3.339	392899.094
12-11-2014 09:17:05	126.6858	3.456	392908.4849
12-11-2014 09:18:05	126.8908	3.5732	392917.8537
12-11-2014 09:19:05	127.0961	3.69	392927.255
12-11-2014 09:20:05	127.3007	3.806	392936.743
12-11-2014 09:21:05	127.5063	3.9222	392946.21
12-11-2014 09:22:05	127.7122	4.038	392955.7102
12-11-2014 09:23:05	127.9183	4.1536	392965.244
12-11-2014 09:24:05	128.1243	4.2674	392974.9602
12-11-2014 09:25:05	128.3308	4.3823	392984.5618
12-11-2014 09:26:05	128.5375	4.4968	392994.1975
12-11-2014 09:27:05	128.7437	4.6105	393003.9207
12-11-2014 09:28:05	128.9509	4.7243	393013.6256

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 09:29:05	129.1583	4.8378	393023.3654
12-11-2014 09:30:05	129.366	4.951	393033.1406
12-11-2014 09:31:05	129.573	5.0633	393043.0033
12-11-2014 09:32:05	129.7811	5.1758	393052.8496
12-11-2014 09:33:05	129.9894	5.2879	393062.7317
12-11-2014 09:34:05	130.1972	5.3992	393072.7018
12-11-2014 09:35:05	130.406	5.5106	393082.6565
12-11-2014 09:36:05	130.615	5.6216	393092.6478
12-11-2014 09:37:05	130.8242	5.7323	393102.676
12-11-2014 09:38:05	131.0329	5.8422	393112.7924
12-11-2014 09:39:05	131.2426	5.9522	393122.8951
12-11-2014 09:40:05	131.4526	6.0618	393133.0353
12-11-2014 09:41:05	131.662	6.1706	393143.264
12-11-2014 09:42:05	131.8724	6.2794	393153.48
12-11-2014 09:43:05	132.0831	6.3879	393163.7345
12-11-2014 09:44:05	132.294	6.4961	393174.0274
12-11-2014 09:45:05	132.5043	6.6034	393184.4089
12-11-2014 09:46:05	132.7157	6.7108	393194.7796
12-11-2014 09:47:05	132.9274	6.8178	393205.1894
12-11-2014 09:48:05	133.1384	6.924	393215.6879
12-11-2014 09:49:05	133.3505	7.0302	393226.1768
12-11-2014 09:50:05	133.5629	7.1361	393236.7056
12-11-2014 09:51:05	133.7755	7.2416	393247.2746
12-11-2014 09:52:05	133.9876	7.3462	393257.9325
12-11-2014 09:53:05	134.2007	7.4509	393268.5822
12-11-2014 09:54:05	134.414	7.5553	393279.2728
12-11-2014 09:55:05	134.6272	7.6579	393290.1501
12-11-2014 09:56:05	134.8411	7.7614	393300.923
12-11-2014 09:57:05	135.0552	7.8645	393311.7374
12-11-2014 09:58:05	135.2696	7.9672	393322.5934
12-11-2014 09:59:05	135.4833	8.0692	393333.5386
12-11-2014 10:00:05	135.6982	8.1711	393344.4785
12-11-2014 10:01:05	135.9133	8.2726	393355.4609
12-11-2014 10:02:05	136.1278	8.3733	393366.5325
12-11-2014 10:03:05	136.3434	8.474	393377.6
12-11-2014 10:04:05	136.5593	8.5743	393388.7106
12-11-2014 10:05:05	136.7754	8.6742	393399.8644
12-11-2014 10:06:05	136.9909	8.7732	393411.1074
12-11-2014 10:07:05	137.2075	8.8723	393422.3481
12-11-2014 10:08:05	137.4244	8.9709	393433.6327
12-11-2014 10:09:05	137.6407	9.0687	393445.0067

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 10:10:05	137.8581	9.1665	393456.3794
12-11-2014 10:11:05	138.0757	9.2639	393467.7966
12-11-2014 10:12:05	138.2937	9.3608	393479.2587
12-11-2014 10:13:05	138.511	9.4569	393490.8098
12-11-2014 10:14:05	138.7294	9.553	393502.3617
12-11-2014 10:15:05	138.9481	9.6487	393513.9588
12-11-2014 10:16:05	139.167	9.7439	393525.6014
12-11-2014 10:17:05	139.3853	9.8383	393537.3334
12-11-2014 10:18:05	139.6048	9.9326	393549.0673
12-11-2014 10:19:05	139.8245	10.0265	393560.8476
12-11-2014 10:20:05	140.0436	10.1196	393572.7171
12-11-2014 10:21:05	140.2638	10.2126	393584.5899
12-11-2014 10:22:05	140.4843	10.3051	393596.5095
12-11-2014 10:23:05	140.7051	10.3972	393608.476
12-11-2014 10:24:05	140.9252	10.4885	393620.5317
12-11-2014 10:25:05	141.1465	10.5797	393632.5924
12-11-2014 10:26:05	141.368	10.6705	393644.7006
12-11-2014 10:27:05	141.5898	10.7608	393656.8565
12-11-2014 10:28:05	141.8109	10.8503	393669.1015
12-11-2014 10:29:05	142.0333	10.9396	393681.3532
12-11-2014 10:30:05	142.2558	11.0286	393693.653
12-11-2014 10:31:05	142.4778	11.1166	393706.0421
12-11-2014 10:32:05	142.7008	11.2046	393718.4389
12-11-2014 10:33:05	142.9242	11.2922	393730.8844
12-11-2014 10:34:05	143.1478	11.3792	393743.3791
12-11-2014 10:35:05	143.3708	11.4654	393755.9627
12-11-2014 10:36:05	143.5949	11.5515	393768.5556
12-11-2014 10:37:05	143.8193	11.6372	393781.1983
12-11-2014 10:38:05	144.0439	11.7223	393793.8906
12-11-2014 10:39:05	144.2679	11.8066	393806.6716
12-11-2014 10:40:05	144.4931	11.8908	393819.4637
12-11-2014 10:41:05	144.7185	11.9745	393832.3061
12-11-2014 10:42:05	144.9432	12.0574	393845.2371
12-11-2014 10:43:05	145.1692	12.1401	393858.1805
12-11-2014 10:44:05	145.3954	12.2224	393871.1745
12-11-2014 10:45:05	145.6218	12.3041	393884.2196
12-11-2014 10:46:05	145.8476	12.385	393897.3531
12-11-2014 10:47:05	146.0745	12.4658	393910.5005
12-11-2014 10:48:05	146.3018	12.5461	393923.6993
12-11-2014 10:49:05	146.5292	12.6258	393936.9498
12-11-2014 10:50:05	146.756	12.7047	393950.2885

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 10:51:05	146.984	12.7835	393963.6425
12-11-2014 10:52:05	147.2122	12.8618	393977.0489
12-11-2014 10:53:05	147.4398	12.9392	393990.5432
12-11-2014 10:54:05	147.6685	13.0164	394004.0541
12-11-2014 10:55:05	147.8975	13.0932	394017.6176
12-11-2014 10:56:05	148.1267	13.1694	394031.2341
12-11-2014 10:57:05	148.3553	13.2448	394044.9381
12-11-2014 10:58:05	148.585	13.32	394058.6605
12-11-2014 10:59:05	148.815	13.3946	394072.436
12-11-2014 11:00:05	149.0452	13.4688	394086.2651
12-11-2014 11:01:05	149.2748	13.5421	394100.1815
12-11-2014 11:02:05	149.5055	13.6152	394114.1178
12-11-2014 11:03:05	149.7365	13.6878	394128.1079
12-11-2014 11:04:05	149.9677	13.7599	394142.1522
12-11-2014 11:05:05	150.1982	13.8311	394156.2834
12-11-2014 11:06:05	150.4299	13.9021	394170.4361
12-11-2014 11:07:05	150.6618	13.9725	394184.6433
12-11-2014 11:08:05	150.894	14.0425	394198.9051
12-11-2014 11:09:05	151.1255	14.1116	394213.2537
12-11-2014 11:10:05	151.3582	14.1804	394227.625
12-11-2014 11:11:05	151.5911	14.2487	394242.0516
12-11-2014 11:12:05	151.8233	14.3162	394256.5645
12-11-2014 11:13:05	152.0566	14.3835	394271.1014
12-11-2014 11:14:05	152.2902	14.4502	394285.694
12-11-2014 11:15:05	152.5241	14.5163	394300.3422
12-11-2014 11:16:05	152.7572	14.5816	394315.0763
12-11-2014 11:17:05	152.9915	14.6467	394329.8361
12-11-2014 11:18:05	153.2261	14.7112	394344.6519
12-11-2014 11:19:05	153.4608	14.7751	394359.5241
12-11-2014 11:20:05	153.6949	14.8382	394374.4817
12-11-2014 11:21:05	153.9301	14.901	394389.4665
12-11-2014 11:22:05	154.1655	14.9633	394404.5079
12-11-2014 11:23:05	154.4012	15.025	394419.606
12-11-2014 11:24:05	154.6361	15.0859	394434.7892
12-11-2014 11:25:05	154.872	15.1475	394449.8983
12-11-2014 11:26:05	155.1083	15.2075	394465.1672
12-11-2014 11:27:05	155.3449	15.2669	394480.4934
12-11-2014 11:28:05	155.5807	15.3256	394495.9043
12-11-2014 11:29:05	155.8177	15.3839	394511.3452
12-11-2014 11:30:05	156.0549	15.4416	394526.8438
12-11-2014 11:31:05	156.2923	15.4988	394542.4002

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 11:32:05	156.529	15.5552	394558.0406
12-11-2014 11:33:05	156.7668	15.6112	394573.7126
12-11-2014 11:34:05	157.0049	15.6666	394589.4428
12-11-2014 11:35:05	157.2431	15.7215	394605.2313
12-11-2014 11:36:05	157.4806	15.7755	394621.1031
12-11-2014 11:37:05	157.7193	15.8293	394637.0082
12-11-2014 11:38:05	157.9581	15.8824	394652.9718
12-11-2014 11:39:05	158.1972	15.9349	394668.9942
12-11-2014 11:40:05	158.4355	15.9866	394685.0993
12-11-2014 11:41:05	158.675	16.038	394701.2391
12-11-2014 11:42:05	158.9146	16.0888	394717.438
12-11-2014 11:43:05	159.1545	16.1389	394733.6961
12-11-2014 11:44:05	159.3935	16.1883	394750.0363
12-11-2014 11:45:05	159.6338	16.2373	394766.4126
12-11-2014 11:46:05	159.8742	16.2857	394782.8484
12-11-2014 11:47:05	160.1138	16.3333	394799.3659
12-11-2014 11:48:05	160.3546	16.3805	394815.9207
12-11-2014 11:49:05	160.5956	16.4271	394832.5352
12-11-2014 11:50:05	160.8367	16.4731	394849.2096
12-11-2014 11:51:05	161.0771	16.5183	394865.9651
12-11-2014 11:52:05	161.3186	16.5631	394882.7592
12-11-2014 11:53:05	161.5602	16.6073	394899.6136
12-11-2014 11:54:05	161.8021	16.6509	394916.5281
12-11-2014 11:55:05	162.0431	16.6937	394933.523
12-11-2014 11:56:05	162.2853	16.7361	394950.5579
12-11-2014 11:57:05	162.5275	16.7788	394967.5494
12-11-2014 11:58:05	162.77	16.82	394984.7055
12-11-2014 11:59:05	163.0117	16.8604	395001.9412
12-11-2014 12:00:05	163.2545	16.9003	395019.2185
12-11-2014 12:01:05	163.4975	16.9396	395036.5566
12-11-2014 12:02:05	163.7407	16.9783	395053.9557
12-11-2014 12:03:05	163.983	17.0162	395071.4337
12-11-2014 12:04:05	164.2264	17.0537	395088.9546
12-11-2014 12:05:05	164.47	17.0906	395106.5366
12-11-2014 12:06:05	164.7138	17.1268	395124.18
12-11-2014 12:07:05	164.9577	17.1624	395141.8847
12-11-2014 12:08:05	165.2007	17.1972	395159.6674
12-11-2014 12:09:05	165.4449	17.2316	395177.4947
12-11-2014 12:10:05	165.6892	17.2653	395195.3836
12-11-2014 12:11:05	165.9336	17.2984	395213.3341
12-11-2014 12:12:05	166.1772	17.3308	395231.3618

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 12:13:05	166.4219	17.3626	395249.4354
12-11-2014 12:14:05	166.6668	17.3939	395267.571
12-11-2014 12:15:05	166.9117	17.4245	395285.7684
12-11-2014 12:16:05	167.1558	17.4543	395304.0423
12-11-2014 12:17:05	167.401	17.4836	395322.3635
12-11-2014 12:18:05	167.6463	17.5123	395340.7467
12-11-2014 12:19:05	167.8916	17.5414	395359.0876
12-11-2014 12:20:05	168.1362	17.5687	395377.6085
12-11-2014 12:21:05	168.3818	17.5955	395396.1782
12-11-2014 12:22:05	168.6276	17.6217	395414.8101
12-11-2014 12:23:05	168.8735	17.6472	395433.5045
12-11-2014 12:24:05	169.1184	17.672	395452.2735
12-11-2014 12:25:05	169.3645	17.6963	395471.0925
12-11-2014 12:26:05	169.6107	17.7199	395489.9742
12-11-2014 12:27:05	169.8569	17.7429	395508.9183
12-11-2014 12:28:05	170.1023	17.7651	395527.9363
12-11-2014 12:29:05	170.3487	17.7868	395547.0055
12-11-2014 12:30:05	170.5952	17.8079	395566.1376
12-11-2014 12:31:05	170.8419	17.8283	395585.3324
12-11-2014 12:32:05	171.0876	17.848	395604.6001
12-11-2014 12:33:05	171.3343	17.8671	395623.9203
12-11-2014 12:34:05	171.5812	17.8856	395643.3035
12-11-2014 12:35:05	171.8281	17.9035	395662.7496
12-11-2014 12:36:05	172.0741	17.9206	395682.2677
12-11-2014 12:37:05	172.321	17.9382	395701.7347
12-11-2014 12:38:05	172.5682	17.9541	395721.3697
12-11-2014 12:39:05	172.8153	17.9693	395741.0679
12-11-2014 12:40:05	173.0616	17.9839	395760.8369
12-11-2014 12:41:05	173.3089	17.9978	395780.6611
12-11-2014 12:42:05	173.5562	18.0112	395800.5484
12-11-2014 12:43:05	173.8036	18.0238	395820.499
12-11-2014 12:44:05	174.0511	18.0359	395840.5129
12-11-2014 12:45:05	174.2976	18.0472	395860.5965
12-11-2014 12:46:05	174.5451	18.0579	395880.7367
12-11-2014 12:47:05	174.7927	18.068	395900.9404
12-11-2014 12:48:05	175.0403	18.0774	395921.2073
12-11-2014 12:49:05	175.287	18.0861	395941.5429
12-11-2014 12:50:05	175.5347	18.0942	395961.9365
12-11-2014 12:51:05	175.7824	18.1017	395982.3935
12-11-2014 12:52:05	176.0301	18.1085	396002.9139
12-11-2014 12:53:05	176.2768	18.1157	396023.3968

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 12:54:05	176.5246	18.1212	396044.0438
12-11-2014 12:55:05	176.7724	18.126	396064.7544
12-11-2014 12:56:05	177.0202	18.1303	396085.5285
12-11-2014 12:57:05	177.267	18.1338	396106.3692
12-11-2014 12:58:05	177.5149	18.1367	396127.2701
12-11-2014 12:59:05	177.7627	18.1389	396148.2345
12-11-2014 13:00:05	178.0105	18.1405	396169.2625
12-11-2014 13:01:05	178.2584	18.1415	396190.3541
12-11-2014 13:02:05	178.5052	18.1418	396211.5109
12-11-2014 13:03:05	178.753	18.1414	396232.7293
12-11-2014 13:04:05	179.0008	18.1404	396254.0113
12-11-2014 13:05:05	179.2487	18.1387	396275.3568
12-11-2014 13:06:05	179.4954	18.1364	396296.7666
12-11-2014 13:07:05	179.7432	18.1344	396318.1338
12-11-2014 13:08:05	179.991	18.1308	396339.6698
12-11-2014 13:09:05	180.2387	18.1265	396361.2693
12-11-2014 13:10:05	180.4854	18.1216	396382.932
12-11-2014 13:11:05	180.7331	18.116	396404.6584
12-11-2014 13:12:05	180.9807	18.1098	396426.4484
12-11-2014 13:13:05	181.2283	18.1029	396448.3019
12-11-2014 13:14:05	181.4749	18.0954	396470.2173
12-11-2014 13:15:05	181.7225	18.0872	396492.1975
12-11-2014 13:16:05	181.9699	18.0784	396514.2413
12-11-2014 13:17:05	182.2174	18.0689	396536.3486
12-11-2014 13:18:05	182.4648	18.0587	396558.5193
12-11-2014 13:19:05	182.7111	18.048	396580.7505
12-11-2014 13:20:05	182.9585	18.0375	396602.9426
12-11-2014 13:21:05	183.2057	18.0254	396625.3034
12-11-2014 13:22:05	183.4529	18.0127	396647.7276
12-11-2014 13:23:05	183.699	17.9993	396670.2109
12-11-2014 13:24:05	183.946	17.9853	396692.7615
12-11-2014 13:25:05	184.193	17.9706	396715.3755
12-11-2014 13:26:05	184.4399	17.9552	396738.0527
12-11-2014 13:27:05	184.6867	17.9392	396760.7933
12-11-2014 13:28:05	184.9325	17.9227	396783.5915
12-11-2014 13:29:05	185.1791	17.9054	396806.4582
12-11-2014 13:30:05	185.4257	17.8874	396829.388
12-11-2014 13:31:05	185.6723	17.8699	396852.2758
12-11-2014 13:32:05	185.9177	17.8507	396875.3254
12-11-2014 13:33:05	186.1641	17.8308	396898.4443
12-11-2014 13:34:05	186.4103	17.8103	396921.6263

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 13:35:05	186.6564	17.7892	396944.8713
12-11-2014 13:36:05	186.9015	17.7675	396968.1714
12-11-2014 13:37:05	187.1474	17.745	396991.5421
12-11-2014 13:38:05	187.3932	17.7219	397014.9755
12-11-2014 13:39:05	187.639	17.6982	397038.4719
12-11-2014 13:40:05	187.8846	17.6738	397062.031
12-11-2014 13:41:05	188.1291	17.6489	397085.6437
12-11-2014 13:42:05	188.3745	17.6233	397109.328
12-11-2014 13:43:05	188.6199	17.598	397132.9699
12-11-2014 13:44:05	188.865	17.5711	397156.7795
12-11-2014 13:45:05	189.1091	17.5436	397180.6413
12-11-2014 13:46:05	189.354	17.5154	397204.5757
12-11-2014 13:47:05	189.5987	17.4866	397228.5724
12-11-2014 13:48:05	189.8434	17.4571	397252.6316
12-11-2014 13:49:05	190.0879	17.427	397276.7531
12-11-2014 13:50:05	190.3313	17.3964	397300.9253
12-11-2014 13:51:05	190.5755	17.3651	397325.171
12-11-2014 13:52:05	190.8197	17.3331	397349.4789
12-11-2014 13:53:05	191.0637	17.3015	397373.7439
12-11-2014 13:54:05	191.3066	17.2683	397398.1632
12-11-2014 13:55:05	191.5502	17.2344	397422.6569
12-11-2014 13:56:05	191.7938	17.1999	397447.2126
12-11-2014 13:57:05	192.0371	17.1648	397471.83
12-11-2014 13:58:05	192.2804	17.1291	397496.5093
12-11-2014 13:59:05	192.5224	17.0928	397521.2362
12-11-2014 14:00:05	192.7653	17.0558	397546.0385
12-11-2014 14:01:05	193.0081	17.0182	397570.9023
12-11-2014 14:02:05	193.2506	16.9799	397595.8277
12-11-2014 14:03:05	193.4922	16.9422	397620.6946
12-11-2014 14:04:05	193.7345	16.9027	397645.7425
12-11-2014 14:05:05	193.9765	16.8626	397670.8516
12-11-2014 14:06:05	194.2184	16.8219	397696.0219
12-11-2014 14:07:05	194.4601	16.7806	397721.2533
12-11-2014 14:08:05	194.7007	16.7388	397746.5292
12-11-2014 14:09:05	194.9421	16.6962	397771.8823
12-11-2014 14:10:05	195.1833	16.653	397797.2962
12-11-2014 14:11:05	195.4243	16.6093	397822.7709
12-11-2014 14:12:05	195.6641	16.565	397848.2888
12-11-2014 14:13:05	195.9049	16.521	397873.78
12-11-2014 14:14:05	196.1454	16.4754	397899.4363
12-11-2014 14:15:05	196.3856	16.4292	397925.153

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 14:16:05	196.6257	16.3824	397950.9301
12-11-2014 14:17:05	196.8645	16.3351	397976.7484
12-11-2014 14:18:05	197.1042	16.2871	398002.6457
12-11-2014 14:19:05	197.3437	16.2385	398028.6028
12-11-2014 14:20:05	197.5829	16.1893	398054.6201
12-11-2014 14:21:05	197.822	16.1395	398080.697
12-11-2014 14:22:05	198.0601	16.0902	398106.7094
12-11-2014 14:23:05	198.2987	16.0392	398132.9057
12-11-2014 14:24:05	198.5371	15.9876	398159.1615
12-11-2014 14:25:05	198.7754	15.9354	398185.4768
12-11-2014 14:26:05	199.0124	15.8828	398211.8301
12-11-2014 14:27:05	199.2502	15.8294	398238.2638
12-11-2014 14:28:05	199.4878	15.7755	398264.7565
12-11-2014 14:29:05	199.7251	15.7209	398291.3083
12-11-2014 14:30:05	199.9623	15.6658	398317.9191
12-11-2014 14:31:05	200.1985	15.6112	398344.4621
12-11-2014 14:32:05	200.4352	15.5549	398371.1903
12-11-2014 14:33:05	200.6717	15.4981	398397.977
12-11-2014 14:34:05	200.9079	15.4406	398424.8221
12-11-2014 14:35:05	201.1439	15.3825	398451.7257
12-11-2014 14:36:05	201.3788	15.3241	398478.6636
12-11-2014 14:37:05	201.6143	15.265	398505.6834
12-11-2014 14:38:05	201.8497	15.2052	398532.7612
12-11-2014 14:39:05	202.085	15.1458	398559.7932
12-11-2014 14:40:05	202.3189	15.0852	398586.9617
12-11-2014 14:41:05	202.5535	15.0237	398614.2127
12-11-2014 14:42:05	202.7879	14.9616	398641.5212
12-11-2014 14:43:05	203.0221	14.899	398668.887
12-11-2014 14:44:05	203.256	14.8359	398696.3102
12-11-2014 14:45:05	203.4887	14.7724	398723.7645
12-11-2014 14:46:05	203.7221	14.7081	398751.3016
12-11-2014 14:47:05	203.9556	14.6442	398778.7923
12-11-2014 14:48:05	204.1885	14.5788	398806.4433
12-11-2014 14:49:05	204.4212	14.5128	398834.1509
12-11-2014 14:50:05	204.6527	14.4466	398861.8876
12-11-2014 14:51:05	204.8849	14.3795	398889.7079
12-11-2014 14:52:05	205.1168	14.3119	398917.5844
12-11-2014 14:53:05	205.3485	14.2437	398945.517
12-11-2014 14:54:05	205.5799	14.175	398973.5057
12-11-2014 14:55:05	205.8104	14.107	399001.4185
12-11-2014 14:56:05	206.0414	14.0371	399029.5185

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 14:57:05	206.272	13.9668	399057.6741
12-11-2014 14:58:05	206.5024	13.8959	399085.8852
12-11-2014 14:59:05	206.7326	13.8245	399114.1515
12-11-2014 15:00:05	206.9616	13.7528	399142.4431
12-11-2014 15:01:05	207.1912	13.6803	399170.8194
12-11-2014 15:02:05	207.4206	13.6073	399199.2505
12-11-2014 15:03:05	207.65	13.5347	399227.6336
12-11-2014 15:04:05	207.8788	13.4606	399256.174
12-11-2014 15:05:05	208.1065	13.3863	399284.7378
12-11-2014 15:06:05	208.3348	13.3111	399313.3867
12-11-2014 15:07:05	208.5629	13.2354	399342.0897
12-11-2014 15:08:05	208.7906	13.1593	399370.8467
12-11-2014 15:09:05	209.0172	13.0828	399399.6255
12-11-2014 15:10:05	209.2448	13.0066	399428.3873
12-11-2014 15:11:05	209.4718	12.9288	399457.305
12-11-2014 15:12:05	209.6985	12.8505	399486.2762
12-11-2014 15:13:05	209.925	12.7718	399515.3005
12-11-2014 15:14:05	210.1502	12.6928	399544.3445
12-11-2014 15:15:05	210.3761	12.613	399573.4745
12-11-2014 15:16:05	210.6018	12.5327	399602.6572
12-11-2014 15:17:05	210.8271	12.4519	399631.8925
12-11-2014 15:18:05	211.0526	12.3715	399661.0781
12-11-2014 15:19:05	211.2765	12.29	399690.3835
12-11-2014 15:20:05	211.501	12.2077	399719.7752
12-11-2014 15:21:05	211.7253	12.1249	399749.2188
12-11-2014 15:22:05	211.9493	12.0416	399778.7142
12-11-2014 15:23:05	212.173	11.9578	399808.261
12-11-2014 15:24:05	212.3956	11.8738	399837.8238
12-11-2014 15:25:05	212.6191	11.7899	399867.3714
12-11-2014 15:26:05	212.842	11.7046	399897.0717
12-11-2014 15:27:05	213.0646	11.6189	399926.8229
12-11-2014 15:28:05	213.287	11.5326	399956.6249
12-11-2014 15:29:05	213.5081	11.4462	399986.4406
12-11-2014 15:30:05	213.7299	11.359	400016.3431
12-11-2014 15:31:05	213.9514	11.2713	400046.2959
12-11-2014 15:32:05	214.173	11.1841	400076.1974
12-11-2014 15:33:05	214.394	11.0954	400106.2499
12-11-2014 15:34:05	214.6138	11.0066	400136.3143
12-11-2014 15:35:05	214.8342	10.917	400166.4657
12-11-2014 15:36:05	215.0543	10.827	400196.6664
12-11-2014 15:37:05	215.2742	10.7364	400226.9163

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 15:38:05	215.4937	10.6454	400257.215
12-11-2014 15:39:05	215.7125	10.5552	400287.4226
12-11-2014 15:40:05	215.9315	10.4633	400317.8184
12-11-2014 15:41:05	216.1503	10.3709	400348.2626
12-11-2014 15:42:05	216.3687	10.2781	400378.7549
12-11-2014 15:43:05	216.5869	10.1848	400409.2951
12-11-2014 15:44:05	216.8039	10.0914	400439.8431
12-11-2014 15:45:05	217.022	9.9981	400470.3781
12-11-2014 15:46:05	217.2393	9.9034	400501.061
12-11-2014 15:47:05	217.4564	9.8083	400531.7911
12-11-2014 15:48:05	217.6732	9.7127	400562.5682
12-11-2014 15:49:05	217.8888	9.6171	400593.351
12-11-2014 15:50:05	218.105	9.5207	400624.2213
12-11-2014 15:51:05	218.321	9.4238	400655.1381
12-11-2014 15:52:05	218.5371	9.3274	400686.001
12-11-2014 15:53:05	218.7525	9.2296	400717.01
12-11-2014 15:54:05	218.9676	9.1314	400748.0649
12-11-2014 15:55:05	219.1816	9.0331	400779.1231
12-11-2014 15:56:05	219.3962	8.9341	400810.2688
12-11-2014 15:57:05	219.6105	8.8346	400841.4598
12-11-2014 15:58:05	219.8249	8.7356	400872.596
12-11-2014 15:59:05	220.0387	8.6352	400903.8769
12-11-2014 16:00:05	220.2513	8.5348	400935.1589
12-11-2014 16:01:05	220.4645	8.4336	400966.5286
12-11-2014 16:02:05	220.6774	8.332	400997.9424
12-11-2014 16:03:05	220.8901	8.23	401029.4003
12-11-2014 16:04:05	221.1025	8.1275	401060.9019
12-11-2014 16:05:05	221.3141	8.026	401092.3035
12-11-2014 16:06:05	221.526	7.9227	401123.8919
12-11-2014 16:07:05	221.7376	7.819	401155.5235
12-11-2014 16:08:05	221.9489	7.7149	401187.198
12-11-2014 16:09:05	222.1599	7.6104	401218.9152
12-11-2014 16:10:05	222.3698	7.5059	401250.6295
12-11-2014 16:11:05	222.5807	7.4015	401282.3325
12-11-2014 16:12:05	222.7909	7.2958	401314.1765
12-11-2014 16:13:05	223.0009	7.1897	401346.0623
12-11-2014 16:14:05	223.2106	7.0832	401377.9898
12-11-2014 16:15:05	223.4191	6.9767	401409.9123
12-11-2014 16:16:05	223.6283	6.8694	401441.9222
12-11-2014 16:17:05	223.8376	6.7626	401473.8748
12-11-2014 16:18:05	224.0462	6.6545	401505.9665

Vorläufige Sichtbarkeitsdaten für LX00HB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 16:19:05	224.2546	6.5461	401538.0988
12-11-2014 16:20:05	224.4627	6.4372	401570.2714
12-11-2014 16:21:05	224.6697	6.3284	401602.4366
12-11-2014 16:22:05	224.8773	6.2188	401634.6889
12-11-2014 16:23:05	225.085	6.1097	401666.8831
12-11-2014 16:24:05	225.2921	5.9993	401699.2145
12-11-2014 16:25:05	225.4989	5.8886	401731.5852
12-11-2014 16:26:05	225.7046	5.7779	401763.9465
12-11-2014 16:27:05	225.9108	5.6664	401796.3948
12-11-2014 16:28:05	226.1169	5.5546	401828.8815
12-11-2014 16:29:05	226.3231	5.4432	401861.309
12-11-2014 16:30:05	226.5286	5.3306	401893.8721
12-11-2014 16:31:05	226.733	5.2181	401926.4238
12-11-2014 16:32:05	226.938	5.1048	401959.0621
12-11-2014 16:33:05	227.1428	4.9911	401991.7378
12-11-2014 16:34:05	227.3477	4.8779	402024.3536
12-11-2014 16:35:05	227.552	4.7635	402057.1033
12-11-2014 16:36:05	227.756	4.6488	402089.8897
12-11-2014 16:37:05	227.9589	4.5341	402122.6621
12-11-2014 16:38:05	228.1624	4.4187	402155.521
12-11-2014 16:39:05	228.3656	4.3029	402188.4157
12-11-2014 16:40:05	228.5691	4.1876	402221.2496
12-11-2014 16:41:05	228.7719	4.0711	402254.2155
12-11-2014 16:42:05	228.9736	3.9547	402287.1656
12-11-2014 16:43:05	229.1759	3.8375	402320.2016
12-11-2014 16:44:05	229.3779	3.72	402353.2723
12-11-2014 16:45:05	229.5797	3.6021	402386.3774
12-11-2014 16:46:05	229.7817	3.4848	402419.4209
12-11-2014 16:47:05	229.9822	3.3667	402452.5424
12-11-2014 16:48:05	230.1833	3.2479	402485.7496
12-11-2014 16:49:05	230.3842	3.1287	402518.9902
12-11-2014 16:50:05	230.5848	3.0092	402552.2641
12-11-2014 16:51:05	230.7857	2.8902	402585.4754
12-11-2014 16:52:05	230.9858	2.77	402618.8152
12-11-2014 16:53:05	231.1849	2.65	402652.1346
12-11-2014 16:54:05	231.3846	2.5292	402685.5391
12-11-2014 16:55:05	231.5841	2.408	402718.9756
12-11-2014 16:56:05	231.7833	2.2866	402752.4439
12-11-2014 16:57:05	231.9828	2.1656	402785.8484
12-11-2014 16:58:05	232.1808	2.044	402819.326
12-11-2014 16:59:05	232.3793	1.9216	402852.888

Vorläufige Sichtbarkeitsdaten für LX0OHB im Raum Berlin (52,5° N, 13,3° O)

UTC Time	Azimuth (°)	Elevation (°)	Range (km)
12-11-2014 17:00:05	232.5777	1.7989	402886.4808
12-11-2014 17:01:05	232.7758	1.6759	402920.1042
12-11-2014 17:02:05	232.9742	1.5534	402953.663
12-11-2014 17:03:05	233.1719	1.4298	402987.3467
12-11-2014 17:04:05	233.3685	1.3063	403021.0057
12-11-2014 17:05:05	233.5658	1.1821	403054.7484
12-11-2014 17:06:05	233.7628	1.0576	403088.5206
12-11-2014 17:07:05	233.9602	0.9336	403122.2273
12-11-2014 17:08:05	234.1568	0.8085	403156.0571
12-11-2014 17:09:05	234.3532	0.683	403189.9155
12-11-2014 17:10:05	234.5485	0.5578	403223.7467
12-11-2014 17:11:05	234.7445	0.4318	403257.6611
12-11-2014 17:12:05	234.9403	0.3055	403291.6032
12-11-2014 17:13:05	235.1364	0.1798	403325.4788
12-11-2014 17:14:05	235.3318	0.0529	403359.4756