

Event #	Date (Origin)	Time[s] (or observed)	FI [deg, km]	LAMBDA [deg, km]	Z [km]	ML	# stat. for LOC.
0001	030101	02:29:10.98(Pg)	29:16.11(Sg)	JIND	NO LOCATION		
0002	030101	18:22:32.45(Pg)	22:33.94(Sg)	LUBY	NO LOCATION		
0003	030103	14:12:45.79	50.004		12.128	0.6+-0.2	4
0004	030106	01:36:39.09(Pg)	36:41.90(Sg)	LUBY	NO LOCATION		
0005	030110	08:17:56.64+-0.07	50.176+-0.2		12.474+-0.2	7.8+-0.4	0.3+-0.3 5
0006	030111	13:44:54.77+-0.06	50.277+-0.2		12.671+-0.3	6.9+-0.3	0.5+-0.1 5
0007	030112	19:32:24.64+-0.06	50.275+-0.3		12.681+-0.3	7.1+-0.2	-0.3+-0.1 4
0008	030114	03:37:22.25+-0.06	50.271+-0.3		12.669+-0.3	7.1+-0.3	-0.1+-0.1 4
0009	030114	03:39:37.30+-0.03	50.272+-0.1		12.679+-0.1	7.2+-0.1	-0.1+-0.1 4
0010	030114	06:16:41.48+-0.03	50.271+-0.1		12.679+-0.1	7.1+-0.1	0.0+-0.1 4
0011	030118	00:54:50.81(Pg)	54:53.07(Sg)	LUBY	NO LOCATION		
0012	030121	23:28:57.72	50.462		12.140	1.0+-0.1	5
0013	030123	07:47:03.97(Pg)	47:06.76(Sg)	LUBY	NO LOCATION		
0014	030202	08:11:51.31+-0.06	50.218+-0.2		12.454+-0.2	8.5+-0.3	-0.4+-0.2 4
0015	030206	22:14:31.59	50.462		12.203	0.3+-0.1	5
0016	030209	14:26:21.95+-0.07	50.234+-0.3		12.464+-0.3	5.6+-0.5	-0.4+-0.2 4
0017	030211	08:12:06.69+-0.07	50.236+-0.2		12.461+-0.2	5.9+-0.4	-0.3+-0.1 4
0018	030211	08:15:04.46(Pg)	15:05.67(Sg)	LUBY	NO LOCATION		
0019	030213	22:59:16.89(Pg)	59:19.89(Sg)	POCA	NO LOCATION		
0020	030215	16:04:19.41	50.417		12.239	0.2+-0.1	4
0021	030215	18:38:58.45	50.411		12.242	-0.0+-0.1	4
0022	030217	02:02:18.09	49.851		12.208	0.3+-0.1	5
0023	030311	00:25:38.71	50.453		12.121	0.7+-0.1	5
0024	030322	19:30:08.30+-0.07	50.238+-0.2		12.460+-0.2	5.9+-0.5	-0.4+-0.2 4
0025	030324	06:13:50.97+-0.04	50.240+-0.1		12.462+-0.1	5.4+-0.4	-0.0+-0.1 5
0026	030324	06:16:37.12+-0.04	50.240+-0.1		12.463+-0.1	5.4+-0.4	-0.0+-0.1 5
0027	030324	06:17:02.60+-0.04	50.239+-0.1		12.463+-0.1	5.3+-0.4	0.2+-0.1 5
0028	030326	04:50:13.82(Pg)	50:15.88(Sg)	LUBY	NO LOCATION		
0029	030327	02:32:59.08+-0.07	50.209+-0.1		12.460+-0.2	7.7+-0.5	-0.0+-0.1 5
0030	030329	13:33:14.20(Pg)	33:16.10(Sg)	POCA	NO LOCATION		
0031	030410	00:37:01.30(Pg)	37:02.93(Sg)	LUBY	NO LOCATION		
0032	030410	00:36:59.93+-0.10	50.195+-0.2		12.461+-0.2	8.9+-0.5	-0.4+-0.1 5
0033	030410	04:28:05.89(Pg)	28:07.27(Sg)	BERN	NO LOCATION		
0034	030410	05:14:36.85+-0.12	50.197+-0.5		12.463+-0.5	8.9+-0.7	-0.3+-0.1 4
0035	030410	05:18:46.86+-0.08	50.198+-0.2		12.462+-0.2	8.8+-0.5	-0.0+-0.1 5
0036	030410	05:45:09.37+-0.10	50.195+-0.4		12.462+-0.4	8.9+-0.6	-0.4+-0.1 4
0037	030411	12:38:06.22(Pg)	38:07.68(Sg)	LUBY	NO LOCATION		
0038	030419	01:39:56.63	50.051		12.626	-0.1+-0.1	5
0039	030427	22:20:09.60	50.456		12.136	0.1+-0.1	5
0040	030430	13:36:07.64+-0.11	50.396+-0.5		12.417+-0.4	5.3+-0.7	0.1+-0.1 4
0041	030510	21:18:35.94	50.336		12.149	0.1+-0.1	5
0042	030520	09:23:00.82(Pg)	23:02.13(Sg)	LUBY	NO LOCATION		
0043	030521	02:21:45.77	50.417		12.242	0.2+-0.1	5
0044	030521	03:06:16.18	50.417		12.247	0.2+-0.1	5
0045	030521	03:19:36.33	50.410		12.246	0.2+-0.1	4
0046	030521	03:41:16.08	50.409		12.247	0.0+-0.1	4
0047	030601	13:42:25.21(Pg)	42:26.71(Sg)	BERN	NO LOCATION		
0048	030606	22:58:56.09	50.460		12.144	0.9+-0.2	5
0049	030610	17:45:27.32+-0.04	50.240+-0.1		12.462+-0.1	5.3+-0.4	0.6+-0.1 5
0050	030610	17:56:42.81+-0.05	50.240+-0.1		12.462+-0.2	5.4+-0.4	0.1+-0.1 5
0051	030612	22:52:58.71(Pg)	53:00.85(Sg)	POCA	NO LOCATION		

0052	030612	23:22:32.04(Pg)	22:35.23(Sg)	BERN	NO LOCATION				
0053	030614	11:09:34.41(Pg)	09:36.04(Sg)	LUBY	NO LOCATION				
0054	030614	13:17:33.96+-0.05	50.202+-0.1		12.450+-0.2	8.5+-0.3	0.1+-0.1	4	
0055	030614	13:26:29.45(Pg)	26:31.05(Sg)	LUBY	NO LOCATION				
0056	030618	01:36:09.28	50.378		12.308		-0.0+-0.1	5	
0057	030623	23:47:16.19(Pg)	47:17.82(Sg)	LUBY	NO LOCATION				
0058	030624	11:54:27.06	50.455		12.209		0.0+-0.1	4	
0059	030625	01:04:47.14+-0.08	50.283+-0.2		12.384+-0.2	11.9+-0.3	-0.3+-0.1	4	
0060	030628	14:59:37.18	50.355		12.218		0.1+-0.1	4	
0061	030705	20:22:20.03(Pg)	22:21.69(Sg)	LUBY	NO LOCATION				
0062	030709	00:27:52.61	50.467		12.228		0.5+-0.1	5	
0063	030709	02:28:05.93	50.556		12.206		1.1+-0.1	5	
0064	030713	09:16:50.08+-0.07	50.242+-0.2		12.457+-0.2	6.1+-0.4	-0.1+-0.1	4	
0065	030713	09:17:09.99+-0.10	50.243+-0.2		12.457+-0.3	6.1+-0.6	-0.4+-0.1	4	
0066	030720	21:52:13.83(Pg)	52:14.88(Sg)	BERN	NO LOCATION				
0067	030729	15:15:05.78+-0.07	50.251+-0.1		12.432+-0.2	10.1+-0.4	0.4+-0.2	5	
0068	030802	22:10:08.13(Pg)	10:09.74(Sg)	LUBY	NO LOCATION				
0069	030802	22:10:58.26(Pg)	10:59.86(Sg)	LUBY	NO LOCATION				
0070	030802	22:11:52.95(Pg)	11:54.27(Sg)	BERN	NO LOCATION				
0071	030802	22:14:30.81(Pg)	14:32.39(Sg)	LUBY	NO LOCATION				
0072	030802	22:21:30.53(Pg)	21:31.87(Sg)	BERN	NO LOCATION				
0073	030802	22:24:50.67(Pg)	24:52.27(Sg)	LUBY	NO LOCATION				
0074	030802	22:28:27.61(Pg)	28:29.21(Sg)	LUBY	NO LOCATION				
0075	030802	22:45:22.34+-0.10	50.197+-0.4		12.462+-0.4	8.5+-0.6	-0.1+-0.1	4	
0076	030802	23:00:08.59(Pg)	00:10.20(Sg)	LUBY	NO LOCATION				
0077	030815	13:53:36.90(Pg)	53:41.42(Sg)	LUBY	NO LOCATION				
0078	030818	22:28:44.05(Pg)	28:46.02(Sg)	POCA	NO LOCATION				
0079	030821	15:10:23.29+-0.06	50.309+-0.2		12.397+-0.2	11.6+-0.3	-0.0+-0.1	4	
0080	030821	20:47:04.85(Pg)	47:06.59(Sg)	POCA	NO LOCATION				
0081	030822	03:05:30.90(Pg)	05:32.66(Sg)	POCA	NO LOCATION				
0082	030822	03:33:38.03	50.399		12.343		0.4+-0.2	4	
0083	030823	03:50:52.34+-0.06	50.257+-0.2		12.302+-0.3	11.3+-0.2	-0.5+-0.1	4	
0084	030824	03:59:20.38	50.407		12.342		0.1+-0.1	5	
0085	030826	01:14:40.64(Pg)	14:42.13(Sg)	LUBY	NO LOCATION				
0086	030826	10:02:18.61(Pg)	02:19.85(Sg)	LUBY	NO LOCATION				
0087	030904	02:02:55.69+-0.10	50.332+-0.5		12.404+-0.4	9.4+-0.5	-0.3+-0.1	4	
0088	030907	10:17:12.88(Pg)	17:14.35(Sg)	LUBY	NO LOCATION				
0089	030912	10:01:19.69	50.198		12.279		0.4+-0.1	4	
0090	030913	20:56:09.50(Pg)	56:12.11(Sg)	LUBY	NO LOCATION				
0091	030914	23:05:35.35	50.441		12.173		0.6+-0.1	4	
0092	030915	02:49:05.42(Pg)	49:08.69(Sg)	POCA	NO LOCATION				
0093	030920	16:09:30.22	50.472		12.138		0.6+-0.1	5	
0094	030920	16:12:37.79	49.991		12.211		0.1+-0.1	4	
0095	030921	17:11:45.64	50.416		12.349		0.4+-0.1	5	
0096	030928	11:25:02.45+-0.11	50.211+-0.4		12.460+-0.4	7.4+-0.6	-0.3+-0.1	4	
0097	030929	04:33:47.85	50.456		12.137		0.4+-0.1	5	
0098	031004	07:51:02.94	50.202		12.279		0.1+-0.1	5	
0099	031010	18:49:03.46(Pg)	49:05.23(Sg)	LUBY	NO LOCATION				
0100	031011	06:02:37.88	50.474		12.547		0.0+-0.1	4	
0101	031014	01:12:59.00(Pg)	13:00.39(Sg)	LUBY	NO LOCATION				
0102	031017	11:47:06.44	50.226		12.812		1.0+-0.1	5	
0103	031017	12:07:14.49	50.219		12.813		0.2+-0.1	5	
0104	031024	08:26:10.31(Pg)	26:11.70(Sg)	LUBY	NO LOCATION				
0105	031026	23:52:53.91	50.330		12.343		-0.1+-0.1	4	
0106	031029	00:41:51.64	50.408		12.333		0.5+-0.1	5	
0107	031030	15:08:25.37(Pg)	08:26.71(Sg)	LUBY	NO LOCATION				
0108	031105	22:37:12.19	50.404		12.337		0.7+-0.1	4	
0109	031107	16:13:35.19(Pg)	13:36.52(Sg)	POCA	NO LOCATION				
0110	031114	03:05:26.26+-0.04	50.244+-0.1		12.460+-0.1	5.6+-0.3	0.6+-0.1	5	
0111	031117	02:39:16.64+-0.06	50.197+-0.1		12.458+-0.1	8.8+-0.3	-0.4+-0.2	5	

0112	031117	02:41:45.94+-0.07	50.197+-0.1	12.457+-0.2	8.9+-0.4	0.2+-0.2	5
0113	031124	12:55:19.14+-0.05	50.215+-0.1	12.459+-0.1	7.0+-0.4	0.2+-0.1	5
0114	031128	00:17:40.94	50.614	12.670		0.2+-0.1	4
0115	031201	01:00:33.43	50.450	12.212		-0.1+-0.1	4
0116	031210	06:31:01.17+-0.09	50.239+-0.3	12.462+-0.3	5.4+-0.6	-0.4+-0.1	4
0117	031212	10:49:42.24+-0.08	50.143+-0.2	12.376+-0.3	7.0+-0.5	-0.0+-0.1	5
0118	031213	15:22:58.45+-0.04	50.279+-0.1	12.398+-0.1	13.8+-0.2	-0.0+-0.1	4
0119	031213	15:23:05.34(Pg) 23:07.22(Sg)	POCA	NO LOCATION			
0120	031213	15:23:17.74+-0.05	50.279+-0.2	12.398+-0.2	13.8+-0.2	-0.1+-0.2	4
0121	031213	15:23:37.22(Pg) 23:39.28(Sg)	BERN	NO LOCATION			
0122	031213	15:23:40.21(Pg) 23:42.27(Sg)	BERN	NO LOCATION			
0123	031213	15:24:47.93+-0.04	50.280+-0.1	12.398+-0.1	13.9+-0.2	0.0+-0.2	4
0124	031217	10:13:48.67	50.361	12.861		-0.2+-0.1	4
0125	031217	20:40:57.33	50.609	12.637		-0.0+-0.1	4
0126	031224	09:38:23.43	50.332	12.155		-0.3+-0.1	4
0127	031226	03:05:42.92+-0.05	50.220+-0.1	12.458+-0.1	7.2+-0.4	0.0+-0.1	5
0128	031228	11:15:23.14	50.402	12.333		0.0+-0.1	4
0129	031230	08:01:13.41(Pg) 01:14.95(Sg)	LUBY	NO LOCATION			
0130	031231	19:23:42.03+-0.08	50.146+-0.2	12.340+-0.3	11.8+-0.3	-0.3+-0.2	5
0131	031231	22:15:22.71+-0.10	50.146+-0.3	12.340+-0.4	11.6+-0.5	-0.3+-0.1	5
0132	031231	22:27:17.03(Pg) 27:19.16(Sg)	LUBY	NO LOCATION			
0133	031231	22:39:38.69	50.467	12.116		0.8+-0.1	5