

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 81201005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/01	16:32:07.56	0.65	1.33	51.3416	15.8539	5.0	3.8	034	0.0	0.0	43	17	143			m i sr	ZAMG	81201015
2018/12/01	16:32:05.04	0.50	0.78	51.5360	16.1970	6.7	2.2	021	1.0f		27	17	202	0.70	3.65	m i ki	BGR	81201005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	17 ZAMG	81201015
ML	3.2	0.4	11 BGR	81201005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.70	175.0	Pg	16:32:17.845	-0.3					T__				m_e ML	2.4
KSP	0.70	175.0	Sg	16:32:27.914	0.8					T__				m_e	
DPC	1.19	176.1	Pg	16:32:26.812	-0.6					T__				m_e ML	3.6
DPC	1.19	176.1	Sg	16:32:43.703	0.9					T__				m_e	
BRG	1.56	245.7	Pg	16:32:33.125	-1.3					T__				m_e ML	3.3
BRG	1.56	245.7	Sg	16:32:54.192	-0.4					T__				m_e	
FBE	1.88	252.1	Pg	16:32:39.516	-1.0					T__				m_e ML	3.1
FBE	1.88	252.1	Sg	16:33:03.890	-1.0					T__				m_e	
MORC	1.96	153.6	Sg	16:33:06.515	-0.6					T__				m_e ML	3.3
CLL	2.00	264.7	Pg	16:32:44.186	1.4					T__				m_e ML	3.2
CLL	2.00	264.7	Sg	16:33:08.761	0.0					T__				m_e	
OKC	2.10	143.2	Pg	16:32:44.691	0.1					T__				m_e ML	2.6
OKC	2.10	143.2	Sg	16:33:11.099	-0.7					T__				m_e	
TANN	2.61	246.0	Pg	16:32:53.405	-0.7					T__				m_e ML	3.4
TANN	2.61	246.0	Sg	16:33:27.688	-0.1					T__				m_e	
OJC	2.63	118.7	Pg	16:32:54.728	0.2					T__				m_e	
WERD	2.68	247.6	Pg	16:32:55.380	-0.2					T__				m_e ML	3.5
WERD	2.68	247.6	Sg	16:33:31.367	1.2					T__				m_e	
MOX	3.01	254.6	Pg	16:33:01.034	-0.8					T__				m_e ML	3.6
MOX	3.01	254.6	Sg	16:33:41.179	0.5					T__				m_e	
MANZ	3.01	240.7	Pn	16:32:53.494	0.6					T__				m_e ML	3.6
MANZ	3.01	240.7	Sg	16:33:42.105	1.3					T__				m_e	
ROTZ	3.09	236.6	Pn	16:32:54.000	0.2					T__				m_e	
GEC2	3.13	211.7	Pn	16:32:55.165	0.8					T__				m_e	
WET	3.19	222.8	Pn	16:32:55.629	0.3					T__				m_e	
CLZ	3.62	277.1	Pn	16:33:02.143	1.0					T__				m_e	
GRA1	3.65	241.6	Pn	16:33:01.873	0.3					T__				m_e	

Event 81202001 Radmer Hochkogel/A, Eisenerzer Alps

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/02	15:01:55.16	0.12	1.31	47.4196	14.8787	0.9	0.7	141	10.2	2.2	85	10	044			m i fe	ZAMG	81202011
2018/12/02	15:01:55.84	0.33	0.86	47.4560	14.9380	5.6	3.3	043	10.0f		16	10	147	0.45	3.14	m i ke	BGR	81202001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	17 ZAMG	81202011
ML	2.0	0.4	8 BGR	81202001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	0.45	117.2	Pg	15:02:04.750	0.3					T__				m_e	ML 1.4
ARSA	0.45	117.2	Sg	15:02:10.867	0.6					T__				m_e	
MOA	0.60	311.2	Pg	15:02:07.425	0.2					T__				m_e	ML 1.4
MOA	0.60	311.2	Sg	15:02:16.089	1.0					T__				m_e	
OBKA	0.98	195.8	Pg	15:02:13.889	-0.6					T__				m_e	
KBA	1.15	251.3	Pg	15:02:16.079	-1.4					T__				m_e	
RJOB	1.47	281.8	Pg	15:02:23.965	0.3					T__				m_e	ML 2.0
RJOB	1.47	281.8	Sg	15:02:44.470	1.8					T__				m_e	
GEC2	1.62	329.8	Pg	15:02:25.599	-0.7					T__				m_e	ML 2.0
GEC2	1.62	329.8	Sg	15:02:47.120	-0.1					T__				m_e	
WET	2.17	321.7	Pg	15:02:36.145	-0.7					T__				m_e	ML 2.0
WET	2.17	321.7	Sg	15:03:04.447	-0.5					T__				m_e	
WTTA	2.24	266.3	Pg	15:02:36.893	-1.3					T__				m_e	ML 2.3
WTTA	2.24	266.3	Sg	15:03:08.123	0.9					T__				m_e	
ROTZ	2.93	323.0	Sg	15:03:28.756	-0.3					T__				m_e	ML 2.3
MANZ	3.14	324.6	Sg	15:03:36.001	0.2					T__				m_e	ML 2.6

Event 81203002 W of Budejovice/CR

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/03	13:32:33.58	0.17	1.58	48.7983	14.1189	1.3	1.2	148	14.9	0.0	49	8	015			m i uk	ZAMG	81203012
2018/12/03	13:32:33.75	0.30		48.8210	14.1080	3.3	2.2	034	17.0	4.0	31	18	083	0.13	2.00	m i ke	BGR	81203002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	10 ZAMG	81203012
ML	1.9	0.4	13 BGR	81203002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CKRC	0.13	90.4	Pg	13:32:38.082	0.5					T__				m_e	ML 1.5
CKRC	0.13	90.4	Sg	13:32:39.964	-0.2					T__				m_e	
GEC2	0.27	275.3	Pg	13:32:39.907	0.3					T__				m_e	ML 1.1
GEC2	0.27	275.3	Sg	13:32:43.614	0.0					T__				m_e	
KHC	0.47	311.9	Pg	13:32:43.613	0.6					T__				m_e	ML 1.5
KHC	0.47	311.9	Sg	13:32:49.600	0.3					T__				m_e	
MOA	0.98	173.8	Pg	13:32:52.622	0.2					T__				m_e	ML 1.6
MOA	0.98	173.8	Sg	13:33:06.078	0.9					T__				m_e	
PRU	1.20	13.4	Pg	13:32:57.296	0.7					T__				m_e	
KRUC	1.52	80.0	Pg	13:33:02.429	-0.1					T__				m_e	ML 2.2
KRUC	1.52	80.0	Sg	13:33:22.102	-0.2					T__				m_e	
ROTZ	1.56	308.1	Pg	13:33:04.363	1.1					T__				m_e	ML 1.9
ROTZ	1.56	308.1	Sg	13:33:23.693	0.2					T__				m_e	
VRAC	1.70	72.4	Pg	13:33:05.793	-0.1					T__				m_e	ML 2.0
VRAC	1.70	72.4	Sg	13:33:27.691	-0.3					T__				m_e	
PVCC	1.73	9.7	Pg	13:33:07.162	0.6					T__				m_e	ML 2.6
PVCC	1.73	9.7	Sg	13:33:30.599	1.6					T__				m_e	
NKC	1.78	323.3	Pg	13:33:06.920	-0.4					T__				m_e	
KBA	1.82	196.6	Pg	13:33:07.960	-0.1					T__				m_e	
ROHR	1.83	321.2	Sg	13:33:30.371	-1.7					T__				m_e	ML 2.1
WERN	1.85	323.2	Pg	13:33:07.939	-0.7					T__				m_e	
TANN	1.92	326.8	Pg	13:33:08.774	-1.2					T__				m_e	





MANZ	3.01	239.7	Pn	20:45:51.614	0.6	T__	m_e ML	3.6
MANZ	3.01	239.7	Pg	20:45:59.876	-0.1	T__	m_e	
MANZ	3.01	239.7	Sg	20:46:38.655	-0.2	T__	m_e	
ROTZ	3.08	235.6	Pn	20:45:52.293	0.2	T__	m_e ML	3.4
ROTZ	3.08	235.6	Pg	20:46:02.500	1.1	T__	m_e	
ROTZ	3.08	235.6	Sg	20:46:40.471	-0.8	T__	m_e	
GEC2	3.15	210.8	Pn	20:45:53.958	1.0	T__	m_e ML	3.4
GEC2	3.15	210.8	Sg	20:46:42.082	-1.2	T__	m_e	
WET	3.20	221.9	Pn	20:45:54.236	0.6	T__	m_e ML	3.4
WET	3.20	221.9	Pg	20:46:03.819	0.2	T__	m_e	
WET	3.20	221.9	Sg	20:46:46.078	1.0	T__	m_e	
CLZ	3.59	276.5	Pn	20:46:00.151	1.2	T__	m_e ML	3.6
CLZ	3.59	276.5	Pg	20:46:10.060	-0.9	T__	m_e	
CLZ	3.59	276.5	Sg	20:46:57.908	0.6	T__	m_e	
GRA1	3.65	240.9	Pn	20:46:00.539	0.8	T__	m_e ML	4.0
GRA1	3.65	240.9	Pg	20:46:12.097	0.1	T__	m_e	
GRA1	3.65	240.9	Sg	20:46:59.557	0.4	T__	m_e	

Event 81205011 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/05	16:23:59.60	0.30	3.20	45.6887	14.3547	2.3	1.4	159	14.6	2.2	27	3	009			m i uk	ZAMG	81205021
2018/12/05	16:24:01.09	0.43	1.06	45.6680	14.3190	6.7	4.4	175	10.0f		44	25	270	0.86	5.51	m i ke	BGR	81205011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.9	0.3	21 ZAMG	81205021
ML	3.8	0.4	22 BGR	81205011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	0.86	10.7	Pg	16:24:16.248	-1.1					T__				m_e ML	3.4
KBA	1.56	334.9	Pn	16:24:28.643	0.5					T__				m_e ML	3.3
KBA	1.56	334.9	Sg	16:24:51.451	0.6					___				m_e	
ARSA	1.79	27.2	Pn	16:24:30.935	-0.3					T__				m_e ML	3.3
ARSA	1.79	27.2	Pg	16:24:33.853	-1.0					T__				m_e	
ARSA	1.79	27.2	Sn	16:24:52.401	-0.3					T__				m_e	
MOA	2.18	359.1	Pn	16:24:37.336	0.8					T__				m_e ML	3.1
RJOB	2.32	333.8	Pn	16:24:40.177	1.8					T__				m_e ML	3.4
WTTA	2.44	311.8	Pn	16:24:42.140	2.1					T__				m_e ML	3.8
BE1	3.09	317.7	Pn	16:24:50.900	2.1					T__				m_e ML	4.0
BE1	3.09	317.7	Pg	16:24:59.264	-0.0					T__				m_e	
GEC2	3.20	352.7	Pn	16:24:50.584	0.2					T__				m_e ML	3.6
GEC2	3.20	352.7	Pg	16:24:59.424	-2.1					T__				m_e	
GEC2	3.20	352.7	Sn	16:25:29.096	3.1					T__				m_e	
GEC2	3.20	352.7	Sg	16:25:42.799	-0.1					T__				m_e	
FUR	3.25	321.3	Pg	16:25:01.814	-0.5					T__				m_e ML	4.2
FUR	3.25	321.3	Sg	16:25:44.470	0.2					T__				m_e	
DAVA	3.46	299.5	Pn	16:24:56.155	2.3					T__				m_e ML	4.0
DAVA	3.46	299.5	Sg	16:25:50.945	-0.0					T__				m_e	
UBR	3.52	306.4	Pn	16:24:56.642	1.9					T__				m_e ML	4.2
UBR	3.52	306.4	Sn	16:25:37.337	3.9					T__				m_e	
WET	3.61	344.9	Pn	16:24:56.151	0.2					T__				m_e ML	3.5

WET	3.61	344.9	Sn	16:25:39.226	3.7	T__	m_e		
NORI	3.95	321.9	Pn	16:25:01.743	1.2	T__	m_e ML	3.9	
WILA	4.11	297.1	Pn	16:25:04.192	1.5	T__	m_e ML	4.3	
WALHA	4.13	302.2	Pn	16:25:04.832	1.9	T__	m_e ML	4.0	
WALHA	4.13	302.2	Sg	16:26:12.605	0.4	T__	m_e		
EMING	4.36	302.7	Pn	16:25:07.265	1.2	T__	m_e ML	3.9	
EMING	4.36	302.7	Sn	16:25:55.624	2.5	T__	m_e		
EMING	4.36	302.7	Sg	16:26:19.210	-0.3	T__	m_e		
SLE	4.51	299.8	Pn	16:25:09.079	0.9	T__	m_e ML	4.6	
SLE	4.51	299.8	Sg	16:26:23.588	-0.8	T__	m_e		
GRA1	4.53	333.7	Pn	16:25:10.837	2.4	T__	m_e ML	4.1	
GRA1	4.53	333.7	Sg	16:26:27.361	2.3	T__	m_e		
METMA	4.63	298.3	Pn	16:25:11.067	1.2	T__	m_e ML	3.6	
METMA	4.63	298.3	Sn	16:26:01.197	1.5	T__	m_e		
BERGE	4.75	299.9	Pn	16:25:12.289	0.9	T__	m_e ML	3.7	
BERGE	4.75	299.9	Sn	16:26:04.117	1.8	T__	m_e		
ROHR	4.76	344.4	Pn	16:25:12.225	0.7	T__	m_e		
BFO	4.87	305.3	Pn	16:25:14.309	1.2	T__	m_e ML	3.9	
BFO	4.87	305.3	Sn	16:26:09.273	4.0	T__	m_e		
BFO	4.87	305.3	Sg	16:26:36.125	0.2	T__	m_e		
GUNZ	4.88	344.9	Pn	16:25:13.852	0.7	T__	m_e ML	3.8	
TANN	4.91	346.0	Pn	16:25:13.527	0.0	T__	m_e		
ECH	5.51	300.1	Pn	16:25:22.467	0.8	T__	m_e		

Event 81207005 Inn Valley/A, W of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/07	17:34:23.95	0.18	0.77	47.2510	11.1100	1.0	0.8	008	13.7	1.7	29	11	005			m i fe	ZAMG	81207015
2018/12/07	17:34:24.72	0.35		47.2480	11.1530	5.6	2.2	003	20.8	0.6	24	18	177	0.25	2.81	m i ke	BGR	81207005

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	14 ZAMG	81207015
ML	1.8	0.4	8 BGR	81207005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PART	0.25	354.2	Pg	17:34:29.463	-1.1					T__				m_e	
WTTA	0.33	87.1	Pg	17:34:31.371	-0.5					T__				m_e ML	1.2
WTTA	0.33	87.1	Sg	17:34:36.589	-0.1					T__				m_e	
OBER	0.60	285.6	Sg	17:34:44.948	0.1					T__				m_e ML	1.3
UBR	0.83	301.9	Pg	17:34:41.572	0.8					T__				m_e ML	2.1
UBR	0.83	301.9	Sg	17:34:52.087	0.4					T__				m_e	
DAVA	0.86	273.0	Pg	17:34:41.017	-0.4					T__				m_e ML	1.9
DAVA	0.86	273.0	Sg	17:34:53.472	0.7					T__				m_e	
WALHA	1.46	291.0	Sg	17:35:12.038	0.5					T__				m_e ML	2.0
KBA	1.50	95.7	Pg	17:34:53.430	0.2					T__				m_e ML	1.7
KBA	1.50	95.7	Sg	17:35:12.005	-0.7					T__				m_e	
NORI	1.51	346.7	Pg	17:34:52.975	-0.5					T__				m_e ML	2.0
NORI	1.51	346.7	Sg	17:35:12.894	-0.3					T__				m_e	
EMING	1.69	293.4	Sg	17:35:18.087	-0.5					T__				m_e ML	2.3
METMA	2.01	284.4	Sg	17:35:27.307	-1.7					T__				m_e	
BERGE	2.10	288.4	Sg	17:35:29.943	-1.8					T__				m_e	
BFO	2.18	300.7	Sg	17:35:33.643	-0.7					T__				m_e	

MOA	2.19	72.9	Pg	17:35:04.553	-1.5	T__	m_e
MOA	2.19	72.9	Sg	17:35:35.338	0.9	T__	m_e
WET	2.22	30.6	Sg	17:35:34.255	-1.2	T__	m_e
GEC2	2.34	45.9	Sg	17:35:38.516	-0.6	T__	m_e
GRA1	2.44	1.0	Sg	17:35:41.687	-0.9	T__	m_e
ROTZ	2.61	15.1	Sg	17:35:45.292	-2.7	T__	m_e
MANZ	2.81	12.6	Sg	17:35:53.846	-0.3	T__	m_e

Event 81210001 Kaub/Rhine

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/10	06:45:40.40	0.09	0.62	50.1540	7.7859	2.1	1.5	135	9.0f		45	12	072			m i ke	LDG	81210051
2018/12/10	06:45:40.50	0.26	0.11	50.1730	7.7880				13.5	2.0		10	266			m i ke	GDRNW	81210041
2018/12/10	06:45:40.40	0.62	0.21	50.1580	7.7900				5.3	2.3		8	198	0.06	1.31	m i ke	BNS	81210031
2018/12/10	06:45:40.40		0.63	50.2000	7.7900				9.0	2.0	54	29	084			m i ke	HLNUG	81210021
2018/12/10	06:45:39.99	0.29		50.1720	7.7620	2.2	1.1	116	16.0	6.6	32	25	049	0.32	2.48	m i ke	BGR	81210011
2018/12/10	06:45:40.76	0.10	0.26	50.1700	7.8070	1.3	1.2	134	9.0f		25	17	046	0.08	1.42	m i ke	LED	81210001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	13 LDG	81210051
ML	1.8		GDRNW	81210041
ML	1.9		BNS	81210031
ML	1.8	0.2	11 HLNUG	81210021
ML	2.2	0.3	17 BGR	81210011
ML	1.9	0.2	16 LED	81210001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NAST	0.04	53.9	Pg	06:45:42.196	-0.3					___				m_i	
NAST	0.04	53.9	Sg	06:45:43.034	-0.6					___		3811.9	0.21	m_e	
GWBD	0.08	132.5	Pg	06:45:43.200	0.3					T__				md_ ML	2.1
GWBD	0.08	132.5	Sg	06:45:44.700	0.3					T__				m__	
FACH	0.22	32.6	Pg	06:45:44.920	-0.3					T__				mc_ ML	1.8
FACH	0.22	32.6	Sg	06:45:47.700	-0.5					T__				m__	
GWBE	0.25	104.7	Pg	06:45:45.750	0.1					T__				m__ ML	1.8
GWBE	0.25	104.7	Sg	06:45:48.960	-0.1					T__				m__	
GWBO	0.26	153.6	Pg	06:45:47.000	1.1					___				m__ ML	1.8
GWBO	0.26	153.6	Sg	06:45:51.000	1.6					___		0.3		m__	
BGG	0.30	277.0	Pg	06:45:46.503	-0.2					___				m_e	
BGG	0.30	277.0	Sg	06:45:50.235	-0.5					___		81.3	0.16	m_e	
ABH	0.33	210.1	Pg	06:45:46.930	-0.3					T__				mc_ ML	1.9
ABH	0.33	210.1	Sg	06:45:50.950	-0.7					T__				m__	
OCHT	0.33	300.6	Pg	06:45:47.130	-0.1					T__				mc_ ML	1.6
OCHT	0.33	300.6	Sg	06:45:51.380	-0.3					T__				m__	
DEP08	0.34	281.6	Pg	06:45:47.200	-0.1					T__				mc_ ML	1.9
DEP08	0.34	281.6	Sg	06:45:51.250	-0.6					T__				m__	
GWBC	0.37	52.8	Pg	06:45:47.920	0.0					T__				m__ ML	1.9
GWBC	0.37	52.8	Sg	06:45:53.000	0.2					T__				m__	
DEP02	0.40	308.7	Pg	06:45:48.730	0.3					___				m__ ML	2.3
BODE	0.41	129.3	Pg	06:45:49.400	0.8					___				m__ ML	2.1
BODE	0.41	129.3	Sg	06:45:54.587	0.6					___				m_e	
TNS	0.41	82.5	Pg	06:45:48.800	0.1					T__				mc_ ML	1.7





KAST	1.10	20.3	Pg	06:46:01.047	-0.5	---	m_e	ML	2.2
KAST	1.10	20.3	Sg	06:46:15.044	-0.8	---	m_e		
PEB	1.10	183.1	Pn	06:46:01.040	-0.7	T_	mc_	ML	2.1
DREG	1.12	296.8	Sg	06:46:15.671	-0.7	---	m_e		
WBNH	1.16	75.0	Pg	06:46:02.700	0.0	---	m_		
WBNH	1.16	75.0	Sg	06:46:18.000	0.3	---	0.0		
WLF	1.18	245.3	Pg	06:46:01.238	-1.8	---	m_e		
WLF	1.18	245.3	Sg	06:46:18.430	0.1	---	m_e		
SORT	1.18	5.0	Pg	06:46:02.110	-1.0	---	m_e		
SORT	1.18	5.0	Sg	06:46:17.320	-1.2	---	32.5	0.56	m_e
MEM	1.23	291.7	Sg	06:46:18.885	-0.9	---	m_e	ML	1.7
LAUG	1.30	335.5	Sg	06:46:20.825	-1.3	---	m_e		
BKLB	1.31	345.2	Sg	06:46:21.142	-1.5	---	m_e		
BUG	1.32	345.2	Pg	06:46:04.962	-0.6	---	m_e	ML	2.2
BUG	1.32	345.2	Sg	06:46:21.724	-0.9	---	m_e		
BULI	1.33	345.2	Sg	06:46:22.209	-0.9	---	m_e		
SIND	1.42	124.6	Pg	06:46:08.220	0.6	---	m_	ML	2.1
SIND	1.42	124.6	Sg	06:46:26.250	0.2	---	m_		
SPAHL	1.42	69.4	Sg	06:46:25.282	-0.8	---	m_e	ML	2.3
UBBA	1.54	64.2	Sg	06:46:29.500	-0.2	---	m_e	ML	1.9
HROE	1.54	75.4	Pn	06:46:09.300	1.6	---	m_	ML	1.9
HROE	1.54	75.4	Sn	06:46:28.800	2.0	---	0.0	m_	
HROE	1.54	75.4	Sg	06:46:30.668	0.8	---	m_e		
VITZ	1.62	62.8	Sn	06:46:31.200	2.6	---	m_		
RCHB	1.65	270.5	Pg	06:46:10.198	-1.7	---	m_e		
BFO	1.87	169.3	Sg	06:46:39.898	-0.4	---	m_e	ML	2.0
WTSB	1.90	341.0	Sg	06:46:40.425	-0.9	---	m_e	ML	2.4
CRUX	1.95	76.0	Pn	06:46:13.800	0.6	---	m_		
ECH	2.00	192.5	Sg	06:46:41.847	-2.5	---	m_e	ML	2.0
POSS	2.26	57.8	Sg	06:46:53.085	0.5	---	m_e	ML	2.6
BERGE	2.31	173.8	Sg	06:46:53.268	-1.0	---	m_e	ML	2.3
CLZ	2.32	43.0	Sg	06:46:55.415	0.8	---	m_e	ML	2.4
EMING	2.37	162.9	Sg	06:46:56.983	0.7	---	m_e	ML	2.3
CHRS	2.38	51.7	Sg	06:46:56.454	-0.1	---	m_e	ML	2.2
METMA	2.48	173.0	Sg	06:46:57.768	-1.7	---	m_e	ML	2.2

Event 81215003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/15	16:50:11.10	0.70	0.98	51.3700	15.8828	6.2	2.9	028	0.0	0.0	26	10	004			m i sr	ZAMG	81215013
2018/12/15	16:50:09.21	0.40	0.63	51.5340	16.1560	4.4	2.2	025	1.0f		35	14	226	0.70	3.60	m i ki	BGR	81215003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.2	16 ZAMG	81215013
ML	3.1	0.3	14 BGR	81215003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.70	172.8	Pg	16:50:22.505	0.2					T_				m_e	ML 2.4
KSP	0.70	172.8	Sg	16:50:31.900	0.6					T_				m_e	
DPC	1.19	174.9	Pg	16:50:31.341	-0.3					T_				m_e	ML 3.5
DPC	1.19	174.9	Sg	16:50:47.377	0.4					T_				m_e	

BRG	1.54	245.4	Pn	16:50:36.207	-0.8	T__	m_e	ML	3.0
BRG	1.54	245.4	Pg	16:50:37.934	-0.2	T__	m_e		
BRG	1.54	245.4	Sg	16:50:58.731	0.7	T__	m_e		
FBE	1.86	251.8	Pg	16:50:43.721	-0.5	T__	m_e	ML	2.8
FBE	1.86	251.8	Sg	16:51:08.215	-0.0	T__	m_e		
MORC	1.96	152.9	Pn	16:50:42.550	-0.2	T__	m_e	ML	3.3
MORC	1.96	152.9	Sg	16:51:11.239	-0.4	T__	m_e		
CLL	1.98	264.7	Pn	16:50:42.065	-0.9	T__	m_e	ML	2.9
CLL	1.98	264.7	Pg	16:50:45.574	-0.9	T__	m_e		
CLL	1.98	264.7	Sg	16:51:12.630	0.5	T__	m_e		
OKC	2.11	142.6	Pn	16:50:44.634	-0.2	T__	m_e	ML	2.7
OKC	2.11	142.6	Pg	16:50:49.494	0.4	T__	m_e		
OKC	2.11	142.6	Sg	16:51:15.736	-0.6	T__	m_e		
TANN	2.58	245.8	Pn	16:50:51.298	0.1	T__	m_e	ML	3.2
TANN	2.58	245.8	Pg	16:50:58.670	0.8	T__	m_e		
TANN	2.58	245.8	Sg	16:51:31.184	-0.0	T__	m_e		
MOX	2.99	254.5	Pn	16:50:56.528	-0.1	T__	m_e	ML	3.4
MOX	2.99	254.5	Pg	16:51:05.518	0.0	T__	m_e		
MOX	2.99	254.5	Sg	16:51:44.832	0.7	T__	m_e		
MANZ	2.99	240.4	Pn	16:50:57.179	0.5	T__	m_e	ML	3.3
MANZ	2.99	240.4	Pg	16:51:06.168	0.6	T__	m_e		
MANZ	2.99	240.4	Sg	16:51:44.764	0.5	T__	m_e		
ROTZ	3.06	236.3	Pn	16:50:58.263	0.6	T__	m_e	ML	3.2
ROTZ	3.06	236.3	Sg	16:51:45.396	-1.2	T__	m_e		
GEC2	3.11	211.3	Pn	16:50:59.550	1.2	T__	m_e	ML	3.2
GEC2	3.11	211.3	Sg	16:51:48.228	0.1	T__	m_e		
WET	3.18	222.5	Pn	16:50:59.812	0.6	T__	m_e	ML	3.1
WET	3.18	222.5	Sg	16:51:49.824	-0.3	T__	m_e		
CLZ	3.60	277.2	Pn	16:51:05.853	0.9	T__	m_e	ML	3.3
CLZ	3.60	277.2	Pg	16:51:16.088	-0.9	T__	m_e		
CLZ	3.60	277.2	Sg	16:52:04.222	0.7	T__	m_e		

Event 81216002 Hirschbach, S of Susice/CR, German-Czech border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/16	10:41:11.95	0.19	0.63	49.1527	13.3714	1.8	1.2	017	4.4	1.9	40	2	002			m i uk	ZAMG	81216012
2018/12/16	10:41:12.51	0.25	0.21	49.1540	13.3610	2.2	1.1	035	2.0f		22	11	124	0.14	1.49	m i ke	BGR	81216002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	9 ZAMG	81216012
ML	1.9	0.3	10 BGR	81216002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KHC	0.14	99.2	Pg	10:41:15.316	0.1					T__				m_e	ML 1.3
KHC	0.14	99.2	Sg	10:41:17.318	0.2					T__				m_e	
WET	0.32	268.4	Pg	10:41:18.331	-0.1					T__				m_e	ML 1.4
WET	0.32	268.4	Sg	10:41:22.372	-0.2					T__				m_e	
GEC2	0.38	144.0	Pg	10:41:19.756	0.1					T__				m_e	ML 1.8
GEC2	0.38	144.0	Sg	10:41:24.827	0.2					T__				m_e	
CKRC	0.71	117.9	Pg	10:41:25.778	-0.1					T__				m_e	ML 1.9
CKRC	0.71	117.9	Sg	10:41:34.825	-0.1					T__				m_e	

ROTZ	0.97	309.7	Pg	10:41:30.437	-0.3	T__	m_e	ML	1.9
ROTZ	0.97	309.7	Sg	10:41:43.194	-0.1	T__	m_e		
PRU	1.13	42.1	Pg	10:41:33.817	-0.0	T__	m_e	ML	1.9
PRU	1.13	42.1	Sg	10:41:48.379	-0.1	T__	m_e		
NKC	1.23	331.7	Pg	10:41:35.546	-0.2	T__	m_e	ML	2.3
NKC	1.23	331.7	Sg	10:41:51.695	0.1	T__	m_e		
ROHR	1.27	328.4	Pg	10:41:36.591	0.1	T__	m_e		
ROHR	1.27	328.4	Sg	10:41:53.230	0.2	T__	m_e		
WERN	1.30	331.0	Pg	10:41:37.256	0.2	T__	m_e	ML	2.0
WERN	1.30	331.0	Sg	10:41:54.178	0.4	T__	m_e		
TANN	1.39	335.6	Pn	10:41:38.293	0.1	T__	m_e	ML	2.1
TANN	1.39	335.6	Pg	10:41:38.732	0.1	T__	m_e		
TANN	1.39	335.6	Sg	10:41:56.402	-0.2	T__	m_e		
GRA1	1.49	292.0	Sg	10:42:00.460	0.6	T__	m_e	ML	2.1

Event 81216004 Pitztal/A, E of Landeck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/16	13:06:21.44	0.15	0.47	47.0975	10.6787	0.9	0.8	136	10.0	2.2	50	7	002			m i f e	ZAMG	81216014
2018/12/16	13:06:22.53	0.40	0.58	47.0590	10.6880	4.4	2.2	172	10.0f		33	16	198	0.44	2.55	m i k e	BGR	81216004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	13 ZAMG	81216014
ML	1.9	0.4	10 BGR	81216004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBER	0.44	322.5	Pg	13:06:30.203	-0.8					T__				m_e	ML 1.1
OBER	0.44	322.5	Sg	13:06:35.783	-1.0					T__				m_e	
DAVA	0.59	292.8	Pg	13:06:33.538	-0.3					T__				m_e	ML 1.7
DAVA	0.59	292.8	Sg	13:06:41.983	0.4					T__				m_e	
WTTA	0.68	72.0	Pg	13:06:34.598	-0.8					T__				m_e	ML 1.4
WTTA	0.68	72.0	Sg	13:06:43.675	-0.5					T__				m_e	
UBR	0.74	327.9	Pg	13:06:36.173	-0.3					T__				m_e	ML 2.0
UBR	0.74	327.9	Sg	13:06:46.259	0.2					T__				m_e	
PLONS	0.89	269.8	Pg	13:06:39.502	0.1					T__				m_e	ML 1.6
PLONS	0.89	269.8	Sg	13:06:51.884	0.9					T__				m_e	
BE1	0.92	22.7	Pg	13:06:40.049	0.0					T__				m_e	ML 1.9
BE1	0.92	22.7	Sg	13:06:52.430	0.4					T__				m_e	
FUR	1.17	19.5	Pg	13:06:45.339	0.6					T__				m_e	ML 2.5
FUR	1.17	19.5	Sg	13:07:00.495	0.6					T__				m_e	
WILA	1.26	287.0	Pg	13:06:47.131	0.8					T__				m_e	ML 2.4
WILA	1.26	287.0	Sg	13:07:03.287	0.6					T__				m_e	
WALHA	1.27	303.8	Pg	13:06:46.484	0.0					T__				m_e	ML 1.9
WALHA	1.27	303.8	Sg	13:07:02.741	-0.1					T__				m_e	
EMING	1.50	304.6	Pg	13:06:50.420	-0.4					T__				m_e	ML 2.4
EMING	1.50	304.6	Sg	13:07:10.509	0.3					T__				m_e	
RJOB	1.58	63.8	Pg	13:06:52.431	0.1					T__				m_e	
SLE	1.64	296.3	Pn	13:06:50.988	0.3					T__				m_e	
SLE	1.64	296.3	Pg	13:06:53.052	-0.5					T__				m_e	
SLE	1.64	296.3	Sg	13:07:14.423	-0.4					T__				m_e	
BERGE	1.88	296.5	Pn	13:06:54.242	0.3					T__				m_e	

BERGE	1.88	296.5	Pg	13:06:57.136	-0.9	T__	m_e
BERGE	1.88	296.5	Sn	13:07:16.871	0.5	T__	m_e
BERGE	1.88	296.5	Sg	13:07:21.922	-0.4	T__	m_e
BFO	2.03	309.6	Pn	13:06:57.421	1.4	T__	m_e
BFO	2.03	309.6	Pg	13:07:00.697	-0.2	T__	m_e
BFO	2.03	309.6	Sn	13:07:20.070	0.1	T__	m_e
BALST	2.05	278.9	Sg	13:07:27.174	-0.6	T__	m_e
WET	2.55	34.2	Pn	13:07:03.072	0.1	T__	m_e

Event 81218001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/18	00:37:33.27	0.78	0.82	50.0954	19.2332	6.7	4.8	167	0.0	0.0	16	4	002			m i sr	ZAMG	81218011
2018/12/18	00:37:36.40	0.89	0.81	50.0920	18.9840	8.9	7.8	066	1.0f		15	9	310	0.60	4.73	m i ki	BGR	81218001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.2	5 ZAMG	81218011
ML	3.0	0.2	8 BGR	81218001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.60	245.0	Pg	00:37:48.407	0.8					T__				m_e	
OKC	0.60	245.0	Sg	00:37:55.679	0.4					T__				m_e	
MORC	0.98	251.8	Pg	00:37:54.980	0.1					T__				m_e ML	3.1
KSP	1.87	294.7	Pn	00:38:08.659	-0.0					T__				m_e ML	2.5
KSP	1.87	294.7	Pg	00:38:11.029	-0.6					T__				m_e	
KSP	1.87	294.7	Sg	00:38:35.178	-0.6					T__				m_e	
BRG	3.30	285.6	Pg	00:38:37.439	-1.2					T__				m_e ML	2.8
BRG	3.30	285.6	Sg	00:39:22.887	1.6					T__				m_e	
GEC2	3.65	252.1	Pn	00:38:34.003	1.1					T__				m_e ML	3.2
GEC2	3.65	252.1	Pg	00:38:44.981	-0.2					T__				m_e	
GEC2	3.65	252.1	Sg	00:39:31.594	-0.8					T__				m_e	
CLL	3.98	290.1	Sg	00:39:43.606	0.8					T__				m_e ML	3.2
WET	4.07	258.9	Sg	00:39:45.357	-0.2					T__				m_e ML	3.2
TANN	4.18	276.9	Sg	00:39:49.577	0.3					T__				m_e ML	3.1
MOX	4.73	279.5	Sg	00:40:07.985	1.3					T__				m_e ML	3.2

Event 81221001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/21	17:50:45.20	0.09	0.64	43.5907	12.3263	2.4	1.5	044	12.0f		61	22	136			m i ke	LDG	81221011
2018/12/21	17:50:44.18	0.57	1.16	43.2780	12.5990	10.0	7.8	176	10.0f		34	23	295	3.51	7.58	m i ke	BGR	81221001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.4	20 LDG	81221011
ML	3.8	0.2	17 BGR	81221001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.51	22.5	Pn	17:51:37.493	-0.2					T__				m_e ML	4.0
OBKA	3.51	22.5	Pg	17:51:48.597	-1.8					T__				m_e	

OBKA	3.51	22.5	Sg	17:52:34.319	-1.5	T__	m_e		
KBA	3.84	7.6	Pn	17:51:42.204	0.1	T__	m_e ML	3.7	
WTTA	4.04	350.7	Pn	17:51:45.588	0.7	T__	m_e ML	4.0	
WTTA	4.04	350.7	Sg	17:52:52.319	-0.3	T__	m_e		
PART	4.34	346.7	Pn	17:51:48.676	-0.3	T__	m_e		
PLONS	4.40	330.1	Pn	17:51:51.572	1.8	T__	m_e ML	3.6	
PLONS	4.40	330.1	Sn	17:52:39.422	2.2	T__	m_e		
OBEB	4.44	339.4	Pn	17:51:51.634	1.4	T__	m_e		
DAVA	4.44	335.4	Pn	17:51:51.388	1.1	T__	m_e ML	3.9	
DAVA	4.44	335.4	Sn	17:52:41.865	3.7	T__	m_e		
RJOB	4.46	1.7	Pn	17:51:50.768	0.2	T__	m_e ML	3.5	
ARSA	4.47	26.4	Pn	17:51:50.941	0.2	T__	m_e		
MOA	4.72	13.7	Pn	17:51:54.459	0.4	T__	m_e ML	3.5	
MOA	4.72	13.7	Sn	17:52:46.351	1.7	T__	m_e		
UBR	4.74	339.2	Pn	17:51:54.955	0.7	T__	m_e ML	3.9	
WILA	4.88	329.2	Pn	17:51:56.844	0.6	T__	m_e ML	3.9	
WILA	4.88	329.2	Sn	17:52:49.946	1.4	T__	m_e		
SULZ	5.29	325.0	Pn	17:52:02.205	0.4	T__	m_e ML	4.0	
BALST	5.32	321.4	Pn	17:52:02.560	0.3	T__	m_e ML	3.8	
SLE	5.33	328.8	Pn	17:52:02.472	0.1	T__	m_e ML	4.3	
METMA	5.38	327.0	Pn	17:52:03.618	0.6	T__	m_e ML	3.5	
METMA	5.38	327.0	Sn	17:52:58.431	-1.8	T__	m_e		
BERGE	5.54	327.6	Pn	17:52:05.413	0.3	T__	m_e ML	3.6	
BERGE	5.54	327.6	Sn	17:53:01.997	-1.9	T__	m_e		
GEC2	5.62	7.4	Pn	17:52:04.951	-1.3	T__	m_e		
BFO	5.86	331.0	Pn	17:52:09.742	0.2	T__	m_e ML	3.8	
BFO	5.86	331.0	Sn	17:53:13.062	1.5	T__	m_e		
WET	5.87	1.8	Pn	17:52:08.374	-1.3	T__	m_e ML	3.6	
ECH	6.23	324.4	Pn	17:52:14.175	-0.3	T__	m_e ML	3.8	
ECH	6.23	324.4	Sn	17:53:20.671	0.5	T__	m_e		
MOX	7.40	355.2	Pn	17:52:29.993	-0.4	T__	m_e		
RIVT	7.58	330.1	Pn	17:52:34.025	1.2	T__	m_e		

Event 81222003 Hirschbach, S of Susice/CR, German-Czech border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/22	11:15:30.02	0.21	0.51	49.1473	13.3740	1.5	1.3	170	6.6	1.6	32	7	002			m i uk	ZAMG	81222013
2018/12/22	11:15:30.44	0.28	0.21	49.1510	13.3570	3.3	2.2	039	2.0f		17	10	126	0.15	1.39	m i ke	BGR	81222003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	7 ZAMG	81222013
ML	1.6	0.4	10 BGR	81222003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KHC	0.15	97.8	Pg	11:15:33.336	0.1					T__				m_e ML	0.9
KHC	0.15	97.8	Sg	11:15:35.334	0.2					T__				m_e	
WET	0.31	268.9	Pg	11:15:36.342	-0.0					T__				m_e ML	1.1
WET	0.31	268.9	Sg	11:15:40.367	-0.0					T__				m_e	
GEC2	0.38	143.4	Pg	11:15:37.750	0.1					T__				m_e ML	1.6
GEC2	0.38	143.4	Sg	11:15:42.914	0.4					T__				m_e	
CKRC	0.71	117.5	Pg	11:15:43.873	0.1					T__				m_e ML	1.5

CKRC	0.71	117.5	Sg	11:15:52.856	-0.1	T__	m_e												
ROTZ	0.97	309.9	Sg	11:16:01.223	0.0	T__	m_e ML	1.7											
PRU	1.14	42.1	Pg	11:15:51.826	-0.0	T__	m_e ML	1.5											
PRU	1.14	42.1	Sg	11:16:06.648	0.1	T__	m_e												
NKC	1.23	331.8	Pg	11:15:54.227	0.6	T__	m_e ML	2.1											
NKC	1.23	331.8	Sg	11:16:09.581	0.0	T__	m_e												
ROHR	1.28	328.6	Sg	11:16:11.284	0.3	T__	m_e ML	2.3											
WERN	1.30	331.2	Sg	11:16:11.934	0.2	T__	m_e ML	1.8											
TANN	1.39	335.8	Pg	11:15:56.368	-0.3	T__	m_e ML	2.0											
TANN	1.39	335.8	Sg	11:16:14.396	-0.2	T__	m_e												

Event 81229003 Murten/CH, W of Bern

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/12/29	08:29:35.80	0.04	0.67	46.8205	7.2075	0.9	0.7	091	8.0f		217	37	025			m i ke	LDG	81229023
2018/12/29	08:29:37.27	0.84	1.64	47.0660	6.8950				0.0		15	10	304	1.53	3.32	m i ke	BUG	81229013
2018/12/29	08:29:36.22	0.44	0.74	46.8750	7.1410	4.4	3.3	027	10.0f		46	21	274	0.60	4.78	m i ke	BGR	81229003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.2	0.0	2 LDG	81229023
ML	3.0	0.4	45 LDG	81229023
MD	3.7	0.2	7 BUG	81229013
ML	3.5	0.3	7 BUG	81229013
ML	2.9	0.4	17 BGR	81229003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.60	39.1	Pg	08:29:47.430	-0.1					T__				m_e ML	2.6
BALST	0.60	39.1	Sg	08:29:55.893	0.5					T__				m_e	
SULZ	0.93	44.9	Pg	08:29:53.510	-0.3					T__				m_e ML	3.0
SULZ	0.93	44.9	Sg	08:30:06.205	0.3					T__				m_e	
METMA	1.13	41.6	Pn	08:29:56.288	-1.1					T__				m_e ML	2.7
METMA	1.13	41.6	Sg	08:30:11.848	-0.3					T__				m_e	
BERGE	1.22	34.8	Pn	08:29:57.478	-1.2					T__				m_e ML	2.8
SLE	1.28	45.3	Pn	08:29:58.311	-1.1					T__				m_e ML	3.8
SLE	1.28	45.3	Sn	08:30:15.530	-0.4					T__				m_e	
SLE	1.28	45.3	Sg	08:30:17.055	0.1					T__				m_e	
WILA	1.32	65.2	Pn	08:29:59.604	-0.4					T__				m_e ML	3.5
WILA	1.32	65.2	Pg	08:30:01.266	0.2					T__				m_e	
WILA	1.32	65.2	Sg	08:30:18.962	0.8					T__				m_e	
ECH	1.34	0.5	Pn	08:29:59.780	-0.5					T__				m_e ML	2.4
ECH	1.34	0.5	Pg	08:30:01.589	0.0					T__				m_e	
ECH	1.34	0.5	Sn	08:30:16.804	-0.6					T__				m_e	
ECH	1.34	0.5	Sg	08:30:19.894	1.0					T__				m_e	
EMING	1.54	47.9	Pn	08:30:01.933	-1.1					T__				m_e ML	3.0
EMING	1.54	47.9	Pg	08:30:04.902	-0.4					T__				m_e	
EMING	1.54	47.9	Sg	08:30:25.226	-0.0					T__				m_e	
A101B	1.57	36.9	Pn	08:30:02.350	-1.0					___				m__ ML	3.1
A101B	1.57	36.9	Sg	08:30:25.600	-0.5					___		0.6		m__	
WALHA	1.61	56.1	Pn	08:30:02.986	-0.9					T__				m_e ML	2.8
WALHA	1.61	56.1	Sn	08:30:22.992	-0.6					T__				m_e	
WALHA	1.61	56.1	Sg	08:30:27.380	0.1					T__				m_e	

BFO	1.66	28.4	Pn	08:30:04.218	-0.4	T__						m_e	ML	2.5
BFO	1.66	28.4	Pg	08:30:07.161	-0.4	T__						m_e		
BFO	1.66	28.4	Sg	08:30:28.721	-0.4	T__						m_e		
A103C	1.85	59.5	Pg	08:30:10.600	-0.5	---						m__	ML	3.2
A103D	1.88	59.6	Pg	08:30:11.000	-0.6	---						m__	ML	2.9
A103D	1.88	59.6	Sg	08:30:34.600	-1.3	---				0.2		m__		
DAVA	1.91	76.6	Pg	08:30:11.633	-0.6	T__						m_e	ML	2.7
DAVA	1.91	76.6	Sg	08:30:37.142	0.2	T__						m_e		
A100A	1.98	36.6	Pg	08:30:13.000	-0.6	---						m__	ML	3.3
A100A	1.98	36.6	Sg	08:30:37.800	-1.5	---				0.5		m__		
A104C	2.11	52.7	Pg	08:30:15.400	-0.6	---						m__	ML	3.0
UBR	2.17	67.1	Pn	08:30:11.537	0.0	T__						m_e	ML	3.1
UBR	2.17	67.1	Sn	08:30:36.923	0.1	T__						m_e		
UBR	2.17	67.1	Sg	08:30:44.571	-0.6	T__						m_e		
OBER	2.21	74.9	Sg	08:30:45.582	-0.9	T__						m_e	ML	2.2
A108A	2.34	49.9	Pg	08:30:19.800	-0.5	---						m__	ML	3.4
STU	2.34	35.3	Sg	08:30:50.778	0.1	T__						m_e	ML	3.3
A107C	2.36	59.9	Pg	08:30:20.000	-0.8	---						m__		
A107C	2.36	59.9	Sg	08:30:50.000	-1.4	---				0.7		m__		
RIVT	2.84	355.1	Pn	08:30:21.516	0.8	T__						m_e		
RIVT	2.84	355.1	Sg	08:31:06.740	0.1	T__						m_e		
BE1	2.95	68.0	Sg	08:31:09.694	-0.3	T__						m_e	ML	3.1
WTTA	3.09	81.1	Pn	08:30:25.822	1.9	T__						m_e		
WTTA	3.09	81.1	Sg	08:31:14.804	0.5	T__						m_e		
TNS	3.46	14.0	Pn	08:30:29.005	0.0	T__						m_e	ML	2.9
TNS	3.46	14.0	Sg	08:31:25.793	-0.3	T__						m_e		
GRA1	3.91	42.4	Pg	08:30:50.735	0.8	T__						m_e	ML	3.4
GRA1	3.91	42.4	Sg	08:31:40.053	-0.5	T__						m_e		
RJOB	3.93	75.3	Pn	08:30:36.714	1.3	T__						m_e		
RJOB	3.93	75.3	Sn	08:31:20.146	2.0	T__						m_e		
MOX	4.78	36.4	Pg	08:31:07.139	0.7	T__						m_e		
MOX	4.78	36.4	Sg	08:32:09.143	0.9	T__						m_e		

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
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