

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 70401002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/01	10:04:07.30	0.25	0.53	51.6163	6.8621	3.9	2.7	035	1.0f		14	5	286			m i sr	LDG	70401032
2017/04/01	10:04:07.20	0.43	0.21	51.6220	6.8810				1.0f			6	312	0.27	1.34	m i ki	BNS	70401022
2017/04/01	10:04:08.71	0.52	1.10	51.5830	6.8370	7.8	4.4	100	1.0f		11	7	179	0.04	1.10	m i ki	BGR	70401012
2017/04/01	10:04:07.30		0.48	51.5800	6.8600				2.0	2.0	19	11	090	0.03	1.05	m i ki	BUG	70401002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	7 LDG	70401032
ML	1.6		BNS	70401022
ML	1.6	0.2	2 BGR	70401012
MD	2.0	0.3	7 BUG	70401002
ML	1.9		2 BUG	70401002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER1	0.03	304.3	Pg	10:04:08.200	0.3					T__				m__	ML 1.9
ZER1	0.03	304.3	Sg	10:04:08.600	0.3					T__		20.4		m__	
ZER3	0.04	337.7	Pg	10:04:08.500	0.5					T__				m__	
ZER3	0.04	337.7	Sg	10:04:09.100	0.5					T__		5.1		m__	
ZERL	0.04	8.2	Pg	10:04:08.600	0.5					T__				m__	ML 1.4
ZERL	0.04	8.2	Sg	10:04:09.100	0.4					T__		5.6		m__	
BAVS	0.21	54.6	Pg	10:04:12.300	1.1					T__				m__	
BAVS	0.21	54.6	Sg	10:04:16.200	2.3					T__		1.9		m__	
BAVN	0.23	45.7	Pg	10:04:12.861	1.3					---				m_e	
BAVN	0.23	45.7	Sg	10:04:15.404	0.9					---				m_e	
LAUG	0.23	167.1	Pg	10:04:12.272	0.5					---				m_e	
BULI	0.28	116.6	Sg	10:04:18.218	2.0					---				m_e	
BPFI	0.28	125.1	Pg	10:04:13.500	0.9					T__				m__	ML 1.5
BPFI	0.28	125.1	Sg	10:04:17.800	1.6					T__		0.2		m__	
BUG	0.29	118.5	Pg	10:04:13.800	1.0					T__				m__	ML 1.6
BUG	0.29	118.5	Sg	10:04:18.500	2.0					T__		0.3		m__	
BKLB	0.29	118.6	Pg	10:04:13.800	1.0					T__				m__	ML 1.4
IBBN	0.91	37.0	Sg	10:04:40.700	4.4					T__		0.1		m__	ML 1.9
IBBE	0.92	38.3	Sg	10:04:40.900	4.3					T__		0.1		m__	ML 2.0
STB	0.99	180.7	Pg	10:04:26.635	0.7					---				m_e	
KLL	0.99	200.5	Pg	10:04:26.722	0.7					---				m_e	
DREG	1.00	203.5	Pg	10:04:26.895	0.8					---				m_e	
HGN	1.00	215.9	Pg	10:04:27.100	0.9					T__				m__	ML 1.9
HGN	1.00	215.9	Sg	10:04:41.900	2.8					T__		0.1		m__	
KAST	1.04	110.6	Pg	10:04:27.800	0.9					T__				m__	ML 1.9
KAST	1.04	110.6	Sg	10:04:43.200	2.8					T__		0.1		m__	
AHRW	1.05	172.5	Sg	10:04:43.400	2.8					---		0.1		m__	ML 2.0
MEM	1.11	209.1	Sg	10:04:44.584	2.1					---				m_e	
KOE	1.28	154.3	Sg	10:04:49.133	1.2					---				m_e	
HILG	1.29	185.1	Sg	10:04:49.393	1.0					---				m_e	

Event 70401003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/01	18:03:13.30	0.21	0.53	51.5799	16.0367	5.0	2.3	016	1.0f		47	13	182			m i sr	LDG	70401023
2017/04/01	18:03:14.81	0.69	2.09	51.5032	16.0792	6.2	5.1	171	0.0	0.0	30	13	032			m i sr	ZAMG	70401013
2017/04/01	18:03:15.13	0.47	0.67	51.5460	16.0080	5.6	2.2	021	1.0f		26	15	200	0.73	3.56	m i ki	BGR	70401003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.4	9 LDG	70401023
ML	3.0	0.2	12 ZAMG	70401013
ML	3.2	0.3	14 BGR	70401003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.73	165.6	Pg	18:03:29.007	0.2					T__				m_e ML	2.7
KSP	0.73	165.6	Sg	18:03:38.894	0.7					T__				m_e	
DPC	1.21	170.5	Pg	18:03:37.608	-0.4					T__				m_e ML	3.7
DPC	1.21	170.5	Sg	18:03:54.420	0.8					T__				m_e	
BRG	1.46	243.3	Pn	18:03:41.094	-0.8					T__				m_e ML	3.1
BRG	1.46	243.3	Sg	18:04:02.140	0.7					T__				m_e	
FBE	1.78	250.4	Pn	18:03:46.763	0.6					T__				m_e ML	2.8
FBE	1.78	250.4	Pg	18:03:48.162	-0.4					T__				m_e	
FBE	1.78	250.4	Sg	18:04:11.635	0.1					T__				m_e	
CLL	1.89	263.9	Pn	18:03:47.037	-0.7					T__				m_e ML	3.0
CLL	1.89	263.9	Sg	18:04:15.037	-0.1					T__				m_e	
MORC	2.02	150.6	Pn	18:03:49.306	-0.1					T__				m_e ML	3.6
MORC	2.02	150.6	Sg	18:04:18.816	-0.4					T__				m_e	
OKC	2.18	140.7	Sg	18:04:24.249	-0.2					T__				m_e ML	2.8
WERD	2.58	246.2	Pn	18:03:57.107	0.1					T__				m_e ML	3.1
OJC	2.73	117.5	Pg	18:04:06.488	-0.2					T__				m_e	
MOX	2.90	253.6	Pg	18:04:08.625	-1.2					T__				m_e ML	3.2
MOX	2.90	253.6	Sg	18:04:47.565	0.3					T__				m_e	
MANZ	2.92	239.2	Pn	18:04:02.142	0.5					T__				m_e ML	3.4
ROTZ	2.99	235.0	Pn	18:04:03.017	0.3					T__				m_e ML	3.2
ROTZ	2.99	235.0	Sg	18:04:49.887	-0.4					T__				m_e	
GEC2	3.08	209.6	Pn	18:04:04.772	1.0					T__				m_e ML	3.4
GEC2	3.08	209.6	Pg	18:04:11.735	-1.4					T__				m_e	
CLZ	3.50	277.0	Pn	18:04:10.624	1.0					T__				m_e ML	3.2
GRA1	3.56	240.5	Pn	18:04:10.925	0.6					T__				m_e ML	3.8
GRA1	3.56	240.5	Sg	18:05:08.782	0.7					T__				m_e	

Event 70401004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2017/04/01	19:12:24.20	0.18	0.64	51.5378	6.9171	3.0	2.3	034	1.0f		34	17	271			m i sr	LDG	70401044	
2017/04/01	19:12:23.90	0.67	0.31	51.5620	6.9240				1.0f				7	310	0.21	1.38	m i ki	BNS	70401034
2017/04/01	19:12:23.90	0.31	0.11	51.5690	6.8760				1.0f				10	204			m i ki	GDNRW	70401024
2017/04/01	19:12:24.18	0.43	0.96	51.5710	6.8220	8.9	4.4	117	1.0f		12	6	183	0.06	1.09	m i ki	BGR	70401014	
2017/04/01	19:12:22.60		0.52	51.5800	6.8700				3.0	2.0	27	15	058	0.03	1.05	m i ki	BUG	70401004	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	11 LDG	70401044
ML	1.6		BNS	70401034

ML	1.6		GDNRW	70401024
ML	1.7	0.3	2 BGR	70401014
MD	2.3	0.3	10 BUG	70401004
ML	2.2	0.2	4 BUG	70401004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.03	297.9	Pg	19:12:23.800	0.4					T__				m__	ML	1.9
ZER1	0.03	297.9	Sg	19:12:24.900	1.0					T__		19.6		m__		
ZER3	0.04	329.1	Pg	19:12:24.000	0.5					T__				m__	ML	1.9
ZER3	0.04	329.1	Sg	19:12:24.900	0.8					T__		15.6		m__		
ZERL	0.04	359.6	Pg	19:12:24.100	0.6					T__				m__	ML	1.7
ZERL	0.04	359.6	Sg	19:12:25.000	0.8					T__		9.2		m__		
BRH3	0.20	250.1	Pg	19:12:27.600	1.3					T__				m__	ML	2.0
BRH3	0.20	250.1	Sg	19:12:31.600	2.7					T__		1.0		m__		
BAVS	0.20	53.6	Pg	19:12:27.800	1.3					T__				m__		
BAVS	0.20	53.6	Sg	19:12:31.800	2.7					T__		2.8		m__		
BAVN	0.22	44.6	Pg	19:12:28.418	1.6					---				m_e		
BAVN	0.22	44.6	Sg	19:12:32.703	3.0					---				m_e		
LAUG	0.23	168.6	Pg	19:12:27.833	0.8					---				m_e		
HES	0.24	153.2	Pg	19:12:28.890	1.8					---				m_e		
HES	0.24	153.2	Sg	19:12:32.080	1.9					---		60.6	0.43	m_e		
BULI	0.27	117.2	Pg	19:12:29.300	1.5					T__				m__	ML	1.8
BULI	0.27	117.2	Sg	19:12:33.700	2.4					T__		0.5		m__		
BPFI	0.28	125.8	Pg	19:12:29.200	1.4					T__				m__	ML	2.0
BPFI	0.28	125.8	Sg	19:12:33.600	2.2					T__		0.3		m__		
BUG	0.28	119.1	Pg	19:12:29.400	1.4					T__				m__	ML	1.7
BUG	0.28	119.1	Sg	19:12:33.900	2.2					T__		0.4		m__		
BKLB	0.29	119.2	Pg	19:12:29.400	1.4					T__				m__	ML	1.6
BTEZ	0.29	117.1	Pg	19:12:29.600	1.6					T__				m__	ML	1.7
XAN	0.29	286.9	Pg	19:12:29.630	1.6					---				m_e		
XAN	0.29	286.9	Sg	19:12:34.060	2.2					---				m_e		
ENTS	0.48	134.9	Pg	19:12:33.250	1.6					---				m_e		
ENTS	0.48	134.9	Sg	19:12:39.970	2.2					---				m_e		
PLH	0.58	183.2	Sg	19:12:42.660	1.7					---				m_e		
HOBG	0.66	153.9	Pg	19:12:36.041	0.9					---				m_e		
SORT	0.72	108.1	Pg	19:12:37.750	1.5					---				m_e		
SORT	0.72	108.1	Sg	19:12:48.030	2.4					---		15.9	0.49	m_e		
GSH	0.90	200.2	Pg	19:12:41.330	1.8					---				m_e		
GSH	0.90	200.2	Sg	19:12:53.280	2.1					---		18.5	0.30	m_e		
IBBN	0.91	36.7	Sg	19:12:55.500	4.0					T__		0.1		m__	ML	2.0
IBBE	0.92	38.0	Pg	19:12:42.400	2.5					T__				m__	ML	1.9
IBBE	0.92	38.0	Sg	19:12:56.400	4.6					T__		0.1		m__		
ACN	0.94	211.8	Pg	19:12:41.950	1.6					---				m_e		
ACN	0.94	211.8	Sg	19:12:54.520	1.9					---		23.5	0.23	m_e		
STB	0.99	181.1	Pg	19:12:42.899	1.7					---				m_e		
STB	0.99	181.1	Sg	19:12:55.829	1.9					---		14.0	0.57	m_e		
KLL	1.00	200.8	Pg	19:12:42.337	0.9					---				m_e		
DREG	1.00	203.8	Pg	19:12:42.674	1.2					---				m_e		
HGN	1.01	216.2	Pg	19:12:43.000	1.4					T__				m__	ML	1.9
HGN	1.01	216.2	Sg	19:12:57.300	2.7					T__		0.1		m__		
TDN	1.01	177.3	Sg	19:12:56.590	2.0					---		16.3	0.37	m_e		
KAST	1.04	110.7	Pg	19:12:44.000	1.9					T__				m__	ML	2.0
KAST	1.04	110.7	Sg	19:12:58.500	3.0					T__		0.1		m__		
AHRW	1.05	172.8	Pg	19:12:44.100	1.8					T__				m__	ML	2.2

AHRW	1.05	172.8	Sg	19:12:59.000	3.1	T__	0.1	m__
MEM	1.11	209.4	Pg	19:12:44.471	0.9	---		m_e
MEM	1.11	209.4	Sg	19:12:59.799	1.9	---		m_e
BHE	1.24	170.9	Pg	19:12:47.240	1.2	---		m_e
BHE	1.24	170.9	Sg	19:13:03.780	1.7	---		m_e
HILG	1.29	185.4	Pg	19:12:47.621	0.6	---		m_e
BGG	1.41	167.7	Pg	19:12:48.971	-0.1	---		m_e
LOH	1.41	188.7	Pg	19:12:50.060	0.8	---		m_e
LOH	1.41	188.7	Sg	19:13:08.460	1.0	---	24.2 0.25	m_e

Event 70406001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/06	03:58:54.30	0.27	1.00	51.5273	16.1506	6.0	2.9	018	1.0f		73	19	208			m i sr	LDG	70406011
2017/04/06	03:58:56.39	0.36	0.67	51.4570	16.1040	4.4	2.2	013	1.0f		33	13	198	0.63	3.58	m i ki	BGR	70406001

(#PRIME)

Magnitude Err Nsta Author

Magnitude	Err	Nsta	Author	OrigID
ML	3.9	0.3	17 LDG	70406011
ML	3.4	0.3	12 BGR	70406001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.63	169.0	Pg	03:59:08.852	0.7					T__				m_e	ML 2.7
DPC	1.12	172.8	Pg	03:59:17.662	0.3					T__				m_e	ML 3.7
DPC	1.12	172.8	Sg	03:59:32.846	1.0					T__				m_e	
BRG	1.48	247.5	Pn	03:59:22.693	-0.6					T__				m_e	ML 3.3
BRG	1.48	247.5	Pg	03:59:24.128	-0.1					T__				m_e	
BRG	1.48	247.5	Sg	03:59:44.018	0.8					T__				m_e	
FBE	1.80	253.8	Pg	03:59:29.934	-0.5					T__				m_e	ML 3.1
FBE	1.80	253.8	Sg	03:59:53.979	0.3					T__				m_e	
CLL	1.94	266.8	Pn	03:59:28.829	-0.8					T__				m_e	ML 3.2
CLL	1.94	266.8	Pg	03:59:32.400	-0.6					T__				m_e	
CLL	1.94	266.8	Sg	03:59:58.213	0.2					T__				m_e	
OKC	2.07	140.5	Pn	03:59:30.898	-0.6					T__				m_e	ML 3.1
OKC	2.07	140.5	Pg	03:59:35.355	-0.1					T__				m_e	
OKC	2.07	140.5	Sg	04:00:01.933	-0.3					T__				m_e	
WERD	2.60	248.6	Pn	03:59:38.719	0.2					T__				m_e	ML 3.5
WERD	2.60	248.6	Pg	03:59:44.922	-0.4					T__				m_e	
WERD	2.60	248.6	Sg	04:00:19.210	0.3					T__				m_e	
OJC	2.64	116.5	Pn	03:59:39.042	-0.1					T__				m_e	
OJC	2.64	116.5	Pg	03:59:45.677	-0.5					T__				m_e	
OJC	2.64	116.5	Sg	04:00:21.425	1.2					T__				m_e	
MOX	2.94	255.7	Pn	03:59:42.937	-0.2					T__				m_e	ML 3.7
MOX	2.94	255.7	Pg	03:59:51.322	-0.4					T__				m_e	
MOX	2.94	255.7	Sg	04:00:30.644	1.0					T__				m_e	
ROTZ	2.99	237.2	Pn	03:59:44.384	0.4					T__				m_e	ML 3.4
ROTZ	2.99	237.2	Pg	03:59:51.690	-1.1					T__				m_e	
ROTZ	2.99	237.2	Sg	04:00:31.483	-0.0					T__				m_e	
GEC2	3.03	211.4	Pn	03:59:45.135	0.7					T__				m_e	ML 3.6
GEC2	3.03	211.4	Pg	03:59:52.209	-1.3					T__				m_e	
GEC2	3.03	211.4	Sg	04:00:32.112	-0.6					T__				m_e	
GRA1	3.57	242.3	Pn	03:59:52.696	1.0					T__				m_e	ML 4.0

GRA1	3.57	242.3	Sg	04:00:50.243	0.6	T__	m_e	
CLZ	3.58	278.4	Pn	03:59:52.675	0.9	T__	m_e ML	3.6
CLZ	3.58	278.4	Sg	04:00:51.298	1.3	T__	m_e	

Event 70406002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/06	04:06:25.10	0.52	1.08	51.4741	16.3133	12.2	4.7	011	1.0f		44	17	248			m i sr	LDG	70406022
2017/04/06	04:06:26.79	-1.00	2.33	51.4494	16.0222				0.0	-1.0	3	0	018			m i sr	ZAMG	70406012
2017/04/06	04:06:26.40	0.47	0.78	51.4750	16.1120	5.6	2.2	021	1.0f		28	13	223	0.64	3.58	m i ki	BGR	70406002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.3	16 LDG	70406022
ML	2.9	0.3	2 ZAMG	70406012
ML	3.3	0.3	13 BGR	70406002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.64	169.7	Pg	04:06:38.912	0.4					T__				m_e ML	2.7
DPC	1.13	173.2	Pg	04:06:47.737	-0.0					T__				m_e ML	3.4
DPC	1.13	173.2	Sg	04:07:03.028	0.7					T__				m_e	
BRG	1.49	247.0	Pn	04:06:53.160	-0.3					T__				m_e ML	3.2
BRG	1.49	247.0	Pg	04:06:54.562	0.1					T__				m_e	
BRG	1.49	247.0	Sg	04:07:14.349	0.7					T__				m_e	
FBE	1.81	253.3	Pg	04:07:00.402	-0.2					T__				m_e ML	3.0
FBE	1.81	253.3	Sg	04:07:24.112	0.1					T__				m_e	
MORC	1.93	151.3	Pn	04:06:59.454	0.0					T__				m_e ML	3.4
MORC	1.93	151.3	Sg	04:07:27.912	0.3					T__				m_e	
CLL	1.95	266.3	Pn	04:06:59.290	-0.5					T__				m_e ML	3.2
CLL	1.95	266.3	Pg	04:07:01.992	-1.1					T__				m_e	
CLL	1.95	266.3	Sg	04:07:28.840	0.6					T__				m_e	
OKC	2.08	141.0	Pn	04:07:01.176	-0.4					T__				m_e ML	3.0
OKC	2.08	141.0	Pg	04:07:04.956	-0.7					T__				m_e	
WERD	2.61	248.3	Pn	04:07:09.329	0.6					T__				m_e ML	3.5
WERD	2.61	248.3	Pg	04:07:14.876	-0.7					T__				m_e	
WERD	2.61	248.3	Sg	04:07:48.703	-0.5					T__				m_e	
MOX	2.94	255.4	Pg	04:07:21.344	-0.6					T__				m_e ML	3.6
MOX	2.94	255.4	Sg	04:08:01.595	1.6					T__				m_e	
ROTZ	3.01	236.9	Pn	04:07:14.779	0.6					T__				m_e ML	3.3
ROTZ	3.01	236.9	Sg	04:08:01.101	-0.9					T__				m_e	
GEC2	3.05	211.4	Pn	04:07:16.307	1.6					T__				m_e ML	3.5
GEC2	3.05	211.4	Pg	04:07:22.221	-1.6					T__				m_e	
GEC2	3.05	211.4	Sg	04:08:03.278	0.0					T__				m_e	
CLZ	3.58	278.1	Sg	04:08:21.089	1.0					T__				m_e ML	3.5
GRA1	3.58	242.0	Pn	04:07:22.840	1.0					T__				m_e ML	4.0
GRA1	3.58	242.0	Sg	04:08:20.452	0.3					T__				m_e	

Event 70408007 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------

ML 5.1 0.4 36 BUG 70408015
 ML 4.3 0.3 13 BGR 70408005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KSP	0.67	171.9	Pg	22:23:26.210	0.4					T__				m_e	ML	3.6
KSP	0.67	171.9	Sg	22:23:35.473	1.0					T__				m_e		
DPC	1.16	174.4	Pg	22:23:34.986	-0.1					T__				m_e	ML	4.4
DPC	1.16	174.4	Sg	22:23:51.377	1.3					T__				m_e		
BRG	1.52	246.1	Pn	22:23:40.121	-0.6					T__				m_e	ML	4.3
BRG	1.52	246.1	Sg	22:24:01.952	0.6					T__				m_e		
FBE	1.84	252.5	Pn	22:23:44.824	-0.3					T__				m_e	ML	4.1
FBE	1.84	252.5	Pg	22:23:47.396	-0.5					T__				m_e		
FBE	1.84	252.5	Sg	22:24:11.653	-0.0					T__				m_e		
MORC	1.95	152.3	Pn	22:23:46.735	0.3					T__				m_e	ML	4.4
MORC	1.95	152.3	Sg	22:24:14.786	-0.2					T__				m_e		
CLL	1.97	265.4	Pn	22:23:46.391	-0.4					T__				m_e	ML	4.1
CLL	1.97	265.4	Pg	22:23:49.884	-0.4					T__				m_e		
CLL	1.97	265.4	Sg	22:24:15.982	0.3					T__				m_e		
OKC	2.10	142.0	Pn	22:23:48.154	-0.4					T__				m_e	ML	3.9
OKC	2.10	142.0	Pg	22:23:52.836	0.1					T__				m_e		
OKC	2.10	142.0	Sg	22:24:19.136	-0.7					T__				m_e		
WERD	2.64	247.8	Pn	22:23:55.949	0.1					T__				m_e	ML	4.3
WERD	2.64	247.8	Pg	22:24:02.395	-0.5					T__				m_e		
WERD	2.64	247.8	Sg	22:24:35.845	-1.1					T__				m_e		
OJC	2.64	117.8	Pn	22:23:54.740	-1.2					T__				m_e		
OJC	2.64	117.8	Pg	22:24:02.951	0.0					T__				m_e		
OJC	2.64	117.8	Sg	22:24:37.553	0.5					T__				m_e		
MOX	2.97	254.9	Pn	22:24:00.549	0.2					T__				m_e	ML	4.6
MOX	2.97	254.9	Pg	22:24:08.802	-0.4					T__				m_e		
MOX	2.97	254.9	Sg	22:24:49.123	1.6					T__				m_e		
ROTZ	3.04	236.6	Pn	22:24:01.786	0.4					T__				m_e	ML	4.3
ROTZ	3.04	236.6	Pg	22:24:08.970	-1.5					T__				m_e		
ROTZ	3.04	236.6	Sg	22:24:48.827	-1.0					T__				m_e		
GEC2	3.09	211.4	Pn	22:24:02.601	0.6					T__				m_e	ML	4.4
GEC2	3.09	211.4	Pg	22:24:11.399	0.1					T__				m_e		
GEC2	3.09	211.4	Sg	22:24:50.112	-1.1					T__				m_e		
GOR1	3.31	298.5	Pn	22:24:05.600	0.6					___				m__	ML	4.6
CLZ	3.59	277.6	Pn	22:24:09.434	0.6					T__				m_e	ML	4.4
CLZ	3.59	277.6	Pg	22:24:20.898	0.0					T__				m_e		
CLZ	3.59	277.6	Sn	22:24:49.400	0.4					___		2.0		m__		
CLZ	3.59	277.6	Sg	22:25:08.597	1.3					T__				m_e		
GRA1	3.61	241.7	Pn	22:24:10.186	1.1					T__				m_e	ML	4.9
GRA1	3.61	241.7	Pg	22:24:22.179	1.0					T__				m_e		
GRA1	3.61	241.7	Sg	22:25:08.950	1.1					T__				m_e		
ZARR	3.78	304.8	Pn	22:24:12.100	0.8					___				m__	ML	5.0
ZARR	3.78	304.8	Sn	22:24:53.900	0.6					___		2.7		m__		
GTTG	3.84	273.0	Pn	22:24:13.000	0.8					___				m__	ML	5.1
GTTG	3.84	273.0	Sg	22:25:14.300	-0.9					___		3.7		m__		
NRDL	3.84	287.2	Pn	22:24:13.400	1.2					___				m__	ML	4.4
NRDL	3.84	287.2	Sn	22:24:56.100	1.3					___		0.8		m__		
BSEG	4.28	306.8	Pn	22:24:17.200	-0.9					___				m__	ML	4.4
GOLD	4.35	291.6	Pn	22:24:20.300	1.2					___				m__	ML	4.8
FUR	4.59	225.1	Pn	22:24:23.100	0.8					___				m__	ML	4.8
KAST	4.83	269.4	Pn	22:24:26.100	0.5					___				m__	ML	4.7

Magnitude	Err	Nsta	Author	OrigID
MD	2.3	1	LDG	70415025
ML	2.5	0.2	14 LDG	70415025
ML	2.0	0.3	25 BGR	70415015
ML	2.1	0.2	40 LED	70415005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUNG	0.06	96.5	Pg	17:16:04.060	0.0					T__				md__	
JUNG	0.06	96.5	Sg	17:16:05.680	0.1					T__				m__	
BALG	0.09	222.6	Pg	17:16:04.400	0.1					T__				mc__	
BALG	0.09	222.6	Sg	17:16:06.210	0.2					T__				m__	
MSGN	0.10	47.2	Pg	17:16:04.630	0.1					T__				m__	
MSGN	0.10	47.2	Sg	17:16:06.610	0.2					T__				m__	
ERPF	0.15	87.1	Pg	17:16:05.430	0.1					T__				mc__	
ERPF	0.15	87.1	Sg	17:16:08.010	0.4					T__				m__	
MSS	0.16	175.3	Pg	17:16:05.540	0.2					T__				mc__ ML	2.1
MSS	0.16	175.3	Sg	17:16:08.160	0.4					T__				m__	
TUEB	0.19	24.2	Pg	17:16:05.990	0.1					T__				m__	
TUEB	0.19	24.2	Sg	17:16:08.760	0.0					T__				m__	
TUBL	0.21	26.7	Pg	17:16:06.070	-0.1					T__				mc__ ML	2.2
TUBL	0.21	26.7	Sg	17:16:08.990	-0.1					T__				m__	
GUT	0.29	156.5	Pg	17:16:07.700	0.1					T__				mc__ ML	2.3
GUT	0.29	156.5	Sg	17:16:11.740	0.2					T__				m__	
BUCH	0.30	67.4	Pg	17:16:07.810	0.1					T__				mc__ ML	2.2
BUCH	0.30	67.4	Sg	17:16:12.060	0.3					T__				m__	
BFO	0.41	269.3	Pg	17:16:09.890	0.2					T__				mc__ ML	1.7
BFO	0.41	269.3	Sg	17:16:15.400	0.3					T__				m__	
BFO	0.41	269.3	SmS	17:16:19.010	-1.9					T__				m__	
EMING	0.45	188.2	Pg	17:16:10.520	0.1					T__				mc__ ML	2.0
EMING	0.45	188.2	Sg	17:16:16.560	0.2					T__				m__	
GALG	0.46	346.7	Pg	17:16:10.820	0.1					T__				m__ ML	2.0
GALG	0.46	346.7	Sg	17:16:16.950	0.1					T__				m__	
GALG	0.46	346.7	SmS	17:16:20.030	-2.1					T__				m__	
STU	0.46	20.9	Pg	17:16:10.850	0.1					T__				m__ ML	1.8
STU	0.46	20.9	PmP	17:16:12.680	-1.2					T__				m__	
STU	0.46	20.9	Sg	17:16:17.020	0.1					T__				m__	
STU	0.46	20.9	SmS	17:16:20.210	-2.0					T__				m__	
OPP	0.53	288.0	Pg	17:16:12.070	0.2					T__				mc__ ML	1.9
OPP	0.53	288.0	Sg	17:16:19.060	0.2					T__				m__	
OPP	0.53	288.0	SmS	17:16:21.630	-2.0					T__				m__	
A104B	0.57	117.0	Sg	17:16:20.720	0.5					T__				m__	
A104B	0.57	117.0	SmS	17:16:23.620	-1.1					T__				m__	
DEGG	0.58	61.8	Pg	17:16:12.950	0.1					T__				m__ ML	1.9
DEGG	0.58	61.8	Sg	17:16:20.900	0.4					T__				m__	
DEGG	0.58	61.8	SmS	17:16:23.490	-1.4					T__				m__	
A108A	0.59	88.6	Pg	17:16:13.130	0.0					T__				mc__	
A108A	0.59	88.6	Sg	17:16:21.220	0.4					T__				m__	
WALHA	0.60	168.2	Pg	17:16:13.330	0.1					T__				m__ ML	2.1
WALHA	0.60	168.2	Sg	17:16:21.500	0.5					T__				m__	
WALHA	0.60	168.2	SmS	17:16:24.400	-1.0					T__				m__	
BABA	0.63	307.8	Pg	17:16:13.930	0.2					T__				m__ ML	1.7
BABA	0.63	307.8	PmP	17:16:14.910	-1.3					T__				m__	
BABA	0.63	307.8	Sg	17:16:21.960	-0.0					T__				m__	
BABA	0.63	307.8	SmS	17:16:24.120	-2.0					T__				m__	

SLE	0.64	207.9	Pg	17:16:14.080	-0.0	T__	mC_ML	2.2
SLE	0.64	207.9	Sg	17:16:22.570	0.0	T__	m__	
SLE	0.64	207.9	SmS	17:16:24.750	-1.9	T__	m__	
URBA	0.66	40.2	Pg	17:16:14.340	-0.0	T__	m__ ML	2.3
URBA	0.66	40.2	PmP	17:16:15.540	-1.2	T__	m__	
URBA	0.66	40.2	Sg	17:16:22.960	0.0	T__	m__	
URBA	0.66	40.2	SmS	17:16:25.070	-1.9	T__	m__	
STEIN	0.67	184.2	Pg	17:16:14.720	0.2	T__	m__ ML	2.3
STEIN	0.67	184.2	Sg	17:16:23.920	0.6	T__	m__	
STEIN	0.67	184.2	SmS	17:16:26.080	-1.2	T__	m__	
BERGE	0.69	227.9	Pg	17:16:15.010	0.0	T__	mC_ML	2.1
BERGE	0.69	227.9	Sg	17:16:24.170	0.2	T__	m__	
BERGE	0.69	227.9	SmS	17:16:26.070	-1.8	T__	m__	
BRET	0.70	346.2	Pg	17:16:15.380	0.3	T__	m__ ML	2.1
BRET	0.70	346.2	Sg	17:16:24.620	0.5	T__	m__	
BRET	0.70	346.2	SmS	17:16:26.370	-1.6	T__	m__	
METMA	0.78	216.7	Pg	17:16:16.500	-0.1	T__	m__ ML	2.1
METMA	0.78	216.7	Sg	17:16:26.780	0.1	T__	m__	
METMA	0.78	216.7	SmS	17:16:28.240	-1.9	T__	m__	
FELD	0.78	234.0	Pg	17:16:16.650	0.1	T__	mC_ML	2.0
FELD	0.78	234.0	Sg	17:16:27.100	0.4	T__	m__	
KIZ	0.78	241.2	Pg	17:16:16.720	0.0	T__	mC_ML	2.4
KIZ	0.78	241.2	Sg	17:16:27.340	0.5	T__	m__	
TETT	0.81	146.2	Pg	17:16:17.870	0.6	T__	md_ML	2.0
TETT	0.81	146.2	Sg	17:16:28.560	0.7	T__	m__	
HDH	0.87	73.1	Pg	17:16:18.540	0.1	T__	m__ ML	2.1
HDH	0.87	73.1	Sg	17:16:29.670	-0.1	T__	m__	
VOGT	0.89	253.7	Pn	17:16:19.090	-0.5	T__	md_ML	2.2
VOGT	0.89	253.7	Sn	17:16:30.940	-1.1	T__	m__	
A107C	0.90	110.3	Pg	17:16:19.570	0.7	T__	md__	
A107C	0.90	110.3	Sg	17:16:31.270	0.8	T__	m__	
WILA	0.92	181.5	Pg	17:16:19.540	0.2	T__	mC_ML	2.9
WILA	0.92	181.5	Sg	17:16:32.000	0.7	T__	m__	
WILA	0.92	181.5	SmS	17:16:33.050	-1.3	T__	m__	
SULZ	0.98	214.8	Pn	17:16:19.520	-1.4	T__	m__ ML	2.1
SULZ	0.98	214.8	Pg	17:16:20.700	0.3	T__	m__	
SULZ	0.98	214.8	Sn	17:16:33.420	-0.9	T__	m__	
ENDD	1.02	232.8	Pn	17:16:20.010	-1.4	T__	mC_ML	2.3
ENDD	1.02	232.8	Pg	17:16:21.020	-0.1	T__	m__	
ENDD	1.02	232.8	Sn	17:16:33.480	-1.7	T__	m__	
ENDD	1.02	232.8	Sg	17:16:34.740	0.4	T__	m__	
UBR	1.02	129.6	Pn	17:16:21.500	0.1	T__	m__ ML	2.1
UBR	1.02	129.6	Sn	17:16:35.110	-0.1	T__	m__	
WLS	1.06	274.7	Pn	17:16:21.070	-0.9	T__	m__ ML	1.7
WLS	1.06	274.7	Pg	17:16:22.270	0.4	T__	m__	
WLS	1.06	274.7	Sg	17:16:36.060	0.5	T__	m__	
SIND	1.10	23.1	Pg	17:16:22.460	-0.2	T__	m__ ML	2.2
SIND	1.10	23.1	Sg	17:16:36.530	-0.4	T__	m__	
LIENZ	1.11	160.2	Pn	17:16:22.610	0.0	T__	m__ ML	1.6
KTD	1.13	330.4	Sg	17:16:38.663	0.7	___	m_e	
NORI	1.18	70.4	Pg	17:16:23.931	-0.2	___	m_e ML	2.2
NORI	1.18	70.4	Sg	17:16:39.716	0.3	___	m_e	
ECH	1.19	264.9	Pg	17:16:24.440	0.1	T__	m__ ML	1.7
ECH	1.19	264.9	Sg	17:16:39.850	0.0	T__	m__	

DAVA	1.22	148.7	Sg	17:16:42.350	1.5	T__	m__	ML	1.7
OBER	1.30	135.2	Sg	17:16:42.479	-0.7	___	m_e	ML	1.5
BALST	1.30	220.4	Pn	17:16:23.800	-1.5	T__	m__	ML	2.2
BALST	1.30	220.4	Pg	17:16:26.580	0.1	T__	m__		
BALST	1.30	220.4	Sg	17:16:43.250	-0.1	T__	m__		
WBA	1.32	356.5	Sg	17:16:43.600	-0.2	T__	m__	ML	1.7
PLONS	1.32	166.9	Sg	17:16:44.362	0.4	___	m_e	ML	1.5
BOURR	1.48	231.3	Sg	17:16:49.020	-0.1	___	m__	ML	2.0
RETA	1.49	124.2	Sg	17:16:49.680	0.5	___	m__	ML	1.7
MILB	1.51	8.6	Sg	17:16:49.650	-0.2	___	m__	ML	2.3
WBB	1.52	353.2	Sg	17:16:49.800	-0.3	___	m__	ML	1.9
FUR	1.56	95.5	Sg	17:16:52.097	0.5	___	m_e	ML	2.4
ABH	1.79	329.9	Sg	17:16:58.858	-0.0	___	m_e		
WBG	1.85	8.0	Sg	17:17:00.050	-0.7	___	m__	ML	2.0
CHMF	1.88	235.6	Pg	17:16:37.160	-0.2	___	m__	ML	2.3
TNS	1.91	350.5	Sg	17:17:02.484	-0.2	___	m_e	ML	2.0
GRA1	2.02	47.0	Pg	17:16:39.750	-0.1	___	m__	ML	1.9
GRA1	2.02	47.0	Sn	17:16:58.578	-0.1	___	m_e		
GRA1	2.02	47.0	Sg	17:17:05.560	-0.4	___	m_e		
WTTA	2.10	119.7	Sg	17:17:08.758	0.0	___	m_e	ML	1.9
HROE	2.34	19.3	Pg	17:16:45.923	0.0	___	m_e	ML	1.9
HROE	2.34	19.3	Sg	17:17:15.617	-0.5	___	m_e		
ROTZ	2.57	55.0	Sn	17:17:11.474	-0.3	___	m_e	ML	2.1
ROTZ	2.57	55.0	Sg	17:17:22.826	-0.8	___	m_e		
RJOB	2.65	101.7	Sg	17:17:27.035	1.1	___	m_e	ML	2.2
MANZ	2.65	50.3	Pg	17:16:51.440	-0.3	___	m_e		
WET	2.72	71.3	Pg	17:16:51.907	-1.2	___	m_e	ML	2.2
WET	2.72	71.3	Sg	17:17:26.218	-2.0	___	m_e		
GEC2	3.19	79.1	Pg	17:17:01.152	-0.8	___	m_e		
GEC2	3.19	79.1	Sg	17:17:42.292	-0.9	___	m_e		
KBA	3.22	111.4	Sg	17:17:42.460	-1.6	___	m_e		
BUG	3.29	341.5	Pn	17:16:52.373	0.2	___	m_e		
MOA	3.59	95.8	Pg	17:17:09.106	-0.4	___	m_e		
MOA	3.59	95.8	Sg	17:17:55.998	0.1	___	m_e		

Event 70419001 Haslach/Black Forest, N of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/19	19:16:33.12	0.72	0.44	48.3265	8.2847	4.2	1.8	168	0.0	0.0	11	1	020			m i sm	ZAMG	70419031
2017/04/19	19:16:33.30	0.21	0.88	48.3388	8.2362	3.5	2.3	059	10.0f		34	6	179			m i ke	LDG	70419021
2017/04/19	19:16:33.01	0.36	0.77	48.3680	8.2820	4.4	3.3	056	10.0f		21	11	144	0.05	1.10	m i ke	BGR	70419011
2017/04/19	19:16:32.34	0.07	0.22	48.3750	8.2590	1.1	0.7	069	3.0	2.0	74	35	041	0.06	1.33	m i ke	LED	70419001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	1 ZAMG	70419031
MD	2.1	0.0	2 LDG	70419021
ML	2.1	0.2	6 LDG	70419021
ML	1.4	0.2	3 BGR	70419011
ML	1.6	0.2	28 LED	70419001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------

BFO	0.06	133.7	Pg	19:16:33.780	0.1	T__	md__ML	1.8
BFO	0.06	133.7	Sg	19:16:34.850	0.3	T__	m__	
OPP	0.13	338.6	Pg	19:16:34.960	0.1	T__	md__ML	1.4
OPP	0.13	338.6	Sg	19:16:36.760	0.2	T__	m__	
OFFE	0.21	298.0	Pg	19:16:36.660	0.3	T__	m__	
OFFE	0.21	298.0	Sg	19:16:39.620	0.5	T__	m__	
BABA	0.35	352.7	Pg	19:16:38.940	0.0	T__	md__ML	1.4
BABA	0.35	352.7	Sg	19:16:43.450	0.1	T__	m__	
KIZ	0.48	208.6	Pg	19:16:41.490	0.2	T__	mc__ML	1.4
KIZ	0.48	208.6	Sg	19:16:47.620	0.1	T__	m__	
VOGT	0.49	233.4	Pg	19:16:41.890	0.3	T__	mc__ML	1.3
VOGT	0.49	233.4	Sg	19:16:49.030	1.1	T__	m__	
BERGE	0.51	186.2	Pg	19:16:42.080	0.2	T__	md__ML	1.3
BERGE	0.51	186.2	Sg	19:16:49.050	0.6	T__	m__	
BERGE	0.51	186.2	SmS	19:16:53.070	-2.2	T__	m__	
MSS	0.51	112.6	Pg	19:16:42.320	0.4	T__	m__ML	1.3
MSS	0.51	112.6	Sg	19:16:49.050	0.6	T__	m__	
FELD	0.53	198.9	PmP	19:16:44.830	-1.4	T__	m__ML	1.3
FELD	0.53	198.9	Sg	19:16:49.370	0.3	T__	m__	
FELD	0.53	198.9	SmS	19:16:53.750	-1.9	T__	m__	
GALG	0.54	39.8	Pg	19:16:42.420	-0.1	T__	m__ML	1.4
GALG	0.54	39.8	PmP	19:16:44.790	-1.5	T__	m__	
GALG	0.54	39.8	Sg	19:16:50.340	0.9	T__	m__	
GALG	0.54	39.8	SmS	19:16:53.740	-2.2	T__	m__	
WLS	0.60	273.9	Pg	19:16:44.000	0.3	T__	m__ML	1.6
WLS	0.60	273.9	PmP	19:16:45.590	-1.7	T__	m__	
STAU	0.62	215.0	Sg	19:16:52.490	0.6	T__	m__	
STAU	0.62	215.0	SmS	19:16:55.510	-2.3	T__	m__	
EMING	0.62	140.5	Pg	19:16:44.250	0.2	T__	md__ML	1.7
EMING	0.62	140.5	PmP	19:16:46.350	-1.1	T__	m__	
EMING	0.62	140.5	Sg	19:16:52.600	0.6	T__	m__	
EMING	0.62	140.5	SmS	19:16:55.910	-2.0	T__	m__	
BREM	0.63	222.5	Sg	19:16:54.020	1.8	T__	m__	
SLE	0.63	165.5	Pg	19:16:44.370	0.2	T__	md__ML	1.2
SLE	0.63	165.5	Sg	19:16:53.694	1.4	___	m__e	
SLE	0.63	165.5	SmS	19:16:56.330	-1.8	T__	m__	
GUT	0.65	117.7	Pg	19:16:44.760	0.2	T__	md__ML	1.9
GUT	0.65	117.7	PmP	19:16:46.630	-1.3	T__	m__	
GUT	0.65	117.7	Sg	19:16:53.520	0.6	T__	m__	
GUT	0.65	117.7	SmS	19:16:56.510	-2.0	T__	m__	
METMA	0.66	180.4	Pg	19:16:44.930	0.1	T__	md__ML	1.4
METMA	0.66	180.4	PmP	19:16:46.560	-1.6	T__	m__	
METMA	0.66	180.4	Sg	19:16:53.600	0.2	T__	m__	
METMA	0.66	180.4	SmS	19:16:56.850	-2.1	T__	m__	
BRET	0.70	23.8	Sg	19:16:54.730	0.2	T__	m__ML	1.8
BRET	0.70	23.8	SmS	19:16:57.780	-2.1	T__	m__	
BUCH	0.73	83.7	Pg	19:16:46.420	0.3	T__	mc__ML	1.7
BUCH	0.73	83.7	PmP	19:16:47.890	-1.3	T__	m__	
BUCH	0.73	83.7	Sg	19:16:56.210	0.7	T__	m__	
BUCH	0.73	83.7	SmS	19:16:58.960	-1.7	T__	m__	
ENDD	0.75	208.0	Pg	19:16:46.500	0.1	T__	m__ML	1.6
ENDD	0.75	208.0	Sg	19:16:56.630	0.6	T__	m__	
ENDD	0.75	208.0	SmS	19:16:58.870	-2.2	T__	m__	
ECH	0.75	258.2	Pg	19:16:46.630	0.2	T__	m__	

A103A	0.76	336.4	Pg	21:24:57.300	-0.8	---	m__	ML	1.7
WILA	0.78	292.7	Pg	21:24:58.251	-0.3	T__	m_e	ML	2.0
WILA	0.78	292.7	Sg	21:25:09.907	1.1	T__	m_e		
WALHA	0.86	318.1	Pg	21:24:59.553	-0.4	T__	m_e		
WALHA	0.86	318.1	Sg	21:25:12.126	1.0	T__	m_e		
A107C	0.91	9.5	Pg	21:25:01.100	0.0	---	m__	ML	2.1
EMING	1.09	316.0	Pg	21:25:03.619	-0.7	T__	m_e		
EMING	1.09	316.0	Sg	21:25:19.423	1.0	T__	m_e		
WTTA	1.14	82.0	Pg	21:25:06.717	1.4	T__	m_e	ML	1.7
WTTA	1.14	82.0	Sg	21:25:21.212	1.2	T__	m_e		
A102A	1.15	333.2	Pg	21:25:05.400	-0.0	---	m__	ML	2.0
A102A	1.15	333.2	Sg	21:25:21.700	1.4	---	m__		
SLE	1.19	303.5	Pg	21:25:06.549	0.3	T__	m_e	ML	1.9
SLE	1.19	303.5	Sg	21:25:22.529	0.8	T__	m_e		
METMA	1.31	297.7	Pg	21:25:08.221	-0.2	T__	m_e		
METMA	1.31	297.7	Sg	21:25:26.031	0.6	T__	m_e		
SULZ	1.33	288.7	Sg	21:25:26.707	0.7	T__	m_e		
FUR	1.36	39.5	Pg	21:25:08.700	-0.8	---	m__	ML	2.3
A109A	1.37	345.5	Pg	21:25:09.000	-0.6	---	m__	ML	2.1
A101B	1.39	316.7	Pn	21:25:09.400	1.0	---	m__	ML	2.0
A101B	1.39	316.7	Sn	21:25:27.900	2.0	---	m__		
BERGE	1.43	302.5	Pg	21:25:10.358	-0.4	T__	m_e		
BERGE	1.43	302.5	Sg	21:25:29.732	0.5	T__	m_e		
A100A	1.51	332.6	Pn	21:25:10.500	0.4	---	m__	ML	2.3
BFO	1.64	318.2	Pn	21:25:13.500	1.6	---	m__	ML	2.3
BFO	1.64	318.2	Pg	21:25:14.110	-0.6	T__	m_e		
BFO	1.64	318.2	Sg	21:25:35.286	-0.7	T__	m_e		
WET	2.80	42.7	Pn	21:25:27.200	-0.4	---	m__		

Event 70425002 S of Solothurn/CH, N of Bern

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/25	10:35:30.10	0.03	0.62	47.1917	7.4405	0.7	0.6	113	5.0f		202	40	031			m i ke	LDG	70425022
2017/04/25	10:35:28.56	1.12	0.57	47.1590	7.3270	11.1	4.4	038	10.0f		12	9	249	0.31	2.62	m i ke	BGR	70425012
2017/04/25	10:35:30.01	0.32	0.24	47.1980	7.4430	4.3	1.5	346	4.0f		25	15	211	0.22	1.39	m i ke	LED	70425002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	38 LDG	70425022
ML	2.9	0.3	5 BGR	70425012
ML	2.7	0.2	18 LED	70425002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.22	51.0	Pg	10:35:34.230	0.0					T__				md__	ML 2.7
BOURR	0.24	324.0	Pg	10:35:34.870	0.2					T__				md__	ML 2.5
CHMF	0.54	275.6	Pg	10:35:40.250	0.0					T__				md__	ML 2.5
CHMF	0.54	275.6	Sg	10:35:47.840	0.6					T__				m__	
ENDD	0.55	21.0	Pg	10:35:40.340	-0.1					T__				m__	ML 2.0
ENDD	0.55	21.0	Sg	10:35:47.090	-0.6					T__				m__	
SULZ	0.56	53.7	Pg	10:35:40.940	0.3					T__				m__	ML 2.4
SULZ	0.56	53.7	Sg	10:35:49.480	1.6					---				m__	
METMA	0.75	46.5	Pg	10:35:44.730	0.5					---				m__	ML 2.3

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/26	16:46:08.80	0.21	1.68	44.8572	11.3794	5.1	3.1	094	11.0f		158	25	106			m i ke	LDG	70426017
2017/04/26	16:46:01.22	1.04	1.16	44.6630	11.0080	15.6	11.1	062	10.0f		12	10	292	2.64	5.38	m i ke	BGR	70426007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	27 LDG	70426017
ML	3.3	0.3	6 BGR	70426007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.64	9.3	Pg	16:46:50.907	-0.0					T__				m_e	ML 3.6
WTTA	2.64	9.3	Sg	16:47:24.580	-0.5					T__				m_e	
DAVA	2.74	343.8	Pg	16:46:53.995	1.1					T__				m_e	ML 3.2
OBER	2.79	350.0	Pg	16:46:54.027	0.2					T__				m_e	ML 2.9
OBER	2.79	350.0	Sg	16:47:27.717	-2.1					T__				m_e	
KBA	2.91	33.1	Pg	16:46:56.638	0.5					T__				m_e	ML 3.1
UBR	3.08	348.7	Pg	16:46:57.704	-1.6					T__				m_e	ML 3.7
OBKA	3.09	52.1	Pg	16:46:59.172	-0.3					T__				m_e	
NORI	4.07	356.4	Sg	16:48:12.081	1.7					T__				m_e	ML 3.5
GRA1	5.03	1.6	Sg	16:48:42.536	1.5					T__				m_e	
ROTZ	5.17	8.6	Sg	16:48:43.983	-1.4					T__				m_e	
MANZ	5.38	7.6	Sg	16:48:51.839	-0.2					T__				m_e	

Event 70426010 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/26	19:15:31.40	0.13	1.22	44.8611	11.2484	3.1	2.5	075	7.0f		130	28	070			m i ke	LDG	70426020
2017/04/26	19:15:37.09	2.75	0.74	45.1070	11.6290	52.3	11.1	012	10.0f		13	13	277	2.16	4.68	m i ke	BGR	70426010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	29 LDG	70426020
ML	3.2	0.3	7 BGR	70426010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.16	0.1	Pn	19:16:13.013	0.8					T__				m_e	ML 3.3
KBA	2.30	30.5	Pn	19:16:14.519	0.3					T__				m_e	ML 3.0
OBKA	2.47	54.4	Pn	19:16:16.170	-0.3					T__				m_e	
OBER	2.48	338.6	Pn	19:16:16.940	0.4					T__				m_e	ML 2.8
DAVA	2.49	331.6	Pn	19:16:17.108	0.3					T__				m_e	ML 3.1
RJOB	2.75	16.6	Pn	19:16:20.948	0.7					T__				m_e	ML 3.1
UBR	2.78	338.4	Pn	19:16:20.468	-0.2					T__				m_e	ML 3.6
FUR	3.07	355.6	Pn	19:16:24.270	-0.3					T__				m_e	ML 3.5
MOA	3.29	32.6	Pn	19:16:27.894	0.3					T__				m_e	
ARSA	3.44	50.1	Pn	19:16:29.168	-0.5					T__				m_e	
NORI	3.68	349.6	Pn	19:16:30.905	-1.9					T__				m_e	
GEC2	4.00	20.0	Pn	19:16:36.540	-0.6					T__				m_e	
ROTZ	4.68	4.6	Pn	19:16:45.013	-1.4					T__				m_e	

Event 70428007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/28	15:58:19.60	0.41	0.58	51.6089	16.3675	9.3	4.1	023	1.0f		42	14	217			m i sr	LDG	70428017
2017/04/28	15:58:23.44	0.45	0.78	51.4450	16.1450	6.7	3.3	024	1.0f		25	17	197	0.61	3.60	m i ki	BGR	70428007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.1	4 LDG	70428017
ML	3.2	0.3	16 BGR	70428007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.61	171.2	Pg	15:58:35.356	0.4					T__				m_e	ML 2.6
KSP	0.61	171.2	Sg	15:58:43.774	1.0					T__				m_e	
DPC	1.10	174.1	Pg	15:58:44.138	-0.0					T__				m_e	ML 3.6
DPC	1.10	174.1	Sg	15:58:58.746	0.3					T__				m_e	
BRG	1.49	248.4	Pn	15:58:49.479	-1.2					T__				m_e	ML 2.9
BRG	1.49	248.4	Sg	15:59:10.060	-0.9					T__				m_e	
FBE	1.83	254.4	Pn	15:58:56.898	1.8					T__				m_e	ML 2.8
FBE	1.83	254.4	Sg	15:59:20.438	-1.0					T__				m_e	
MORC	1.89	151.5	Pn	15:58:55.620	-0.4					T__				m_e	ML 3.6
CLL	1.97	267.2	Pn	15:58:55.898	-1.1					T__				m_e	ML 3.0
CLL	1.97	267.2	Sg	15:59:26.053	0.2					T__				m_e	
OKC	2.05	140.9	Sg	15:59:27.584	-0.9					T__				m_e	ML 2.8
TANN	2.54	247.5	Pn	15:59:05.064	0.2					T__				m_e	ML 3.3
TANN	2.54	247.5	Sg	15:59:44.002	-0.1					T__				m_e	
OJC	2.61	116.5	Pn	15:59:04.584	-1.2					T__				m_e	
WERD	2.62	249.1	Pn	15:59:05.949	0.1					T__				m_e	ML 3.2
MANZ	2.94	241.9	Pn	15:59:10.638	0.4					T__				m_e	ML 3.3
MOX	2.96	256.1	Pn	15:59:10.556	0.1					T__				m_e	ML 3.5
MOX	2.96	256.1	Sg	15:59:58.379	1.0					T__				m_e	
ROTZ	3.01	237.7	Pn	15:59:11.457	0.3					T__				m_e	ML 3.2
GEC2	3.03	212.0	Pn	15:59:12.391	0.9					T__				m_e	ML 3.3
WET	3.11	223.5	Pn	15:59:12.792	0.3					T__				m_e	ML 3.2
GRA1	3.58	242.6	Sg	16:00:17.008	-0.3					T__				m_e	ML 3.6
CLZ	3.60	278.6	Pn	15:59:19.833	0.6					T__				m_e	ML 3.3
CLZ	3.60	278.6	Sg	16:00:18.710	0.8					T__				m_e	

Event 70429001 W of Leipzig, Leipziger Bucht

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2017/04/29	00:56:23.40	0.12	1.16	51.3077	12.1571	2.5	1.8	004	19.0f		91	19	118			m i ke	LDG	70429031
2017/04/29	00:56:23.00		1.20	51.3300	12.1800				26.0		25	21	109	0.51	3.98	m i ke	BUG	70429021
2017/04/29	00:56:23.38	0.17		51.3240	12.2070	1.1	1.1	062	18.9	1.8	54	37	047	0.29	2.38	m i ke	BGR	70429011
2017/04/29	00:56:24.10	0.25	0.21	51.3390	12.2140				20.0	1.0	66	33	079	0.30	1.25	m i ke	CLL	70429001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	18 LDG	70429031
MD	4.1	0.3	12 BUG	70429021
ML	3.5	0.2	16 BUG	70429021
ML	3.1	0.3	31 BGR	70429011
ML	3.0	0.3	25 CLL	70429001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
NEUB	0.30	244.7	Pg	00:56:30.290	-0.5					T__				m_i	ML	2.8
NEUB	0.30	244.7	Sg	00:56:35.070	-0.3					T__		1078.9	0.27	m_e		
MUHB	0.33	14.0	Pg	00:56:30.590	-0.6					T__				mci	ML	3.1
MUHB	0.33	14.0	Sg	00:56:35.450	-0.6					T__		1759.8	0.34	m_i		
MODW	0.43	158.0	Pg	00:56:32.260	-0.6					T__				mdi	ML	2.5
MODW	0.43	158.0	Sg	00:56:38.300	-0.5					T__		335.2	0.37	m_e		
ABG1	0.44	148.9	Pg	00:56:32.300	-0.7					T__				mdi	ML	3.3
ABG1	0.44	148.9	Sg	00:56:38.320	-0.8					T__		2159.7	0.43	m_e		
TAUT	0.48	221.6	Pg	00:56:32.870	-0.8					T__				mci	ML	3.1
TAUT	0.48	221.6	Sg	00:56:39.270	-1.0					T__		1218.8	0.31	m_e		
WIMM	0.48	292.7	Pg	00:56:33.000	-0.7					T__				mdi	ML	2.5
WIMM	0.48	292.7	Sg	00:56:39.720	-0.6					T__		359.9	0.11	m_i		
CLL	0.49	93.3	Pg	00:56:33.400	-0.6					T__				mci	ML	3.1
CLL	0.49	93.3	Sg	00:56:40.200	-0.6					T__		1318.9	0.14	m_i		
HKWD	0.51	176.2	Pg	00:56:33.620	-0.7					T__				mce	ML	3.3
HKWD	0.51	176.2	Sg	00:56:40.580	-0.7					T__		2087.1	0.14	m_i		
ANNA	0.53	149.2	Pg	00:56:33.770	-0.9					T__				mdi	ML	3.1
ANNA	0.53	149.2	Sg	00:56:40.890	-1.0					T__		1114.8	0.14	m_e		
MLFH	0.56	188.7	Pg	00:56:34.240	-0.9					___				mci	ML	3.1
MLFH	0.56	188.7	Sg	00:56:42.050	-0.6					___		1051.7	0.21	m_e		
GRZ1	0.65	179.7	Pg	00:56:35.920	-0.8					T__				mci	ML	2.9
GRZ1	0.65	179.7	Sg	00:56:44.370	-1.1					T__		571.4	0.12	m_e		
SCHF	0.67	169.7	Pg	00:56:36.400	-0.8					T__				mci	ML	3.1
SCHF	0.67	169.7	Sg	00:56:45.260	-1.0					T__		910.0	0.24	m_i		
ZEU	0.68	192.7	Pg	00:56:36.650	-0.8					T__				mce	ML	2.8
ZEU	0.68	192.7	Sg	00:56:45.740	-0.9					T__		508.0	0.25	m_e		
MOX	0.79	208.7	Pg	00:56:38.210	-1.2					T__				mci	ML	2.8
MOX	0.79	208.7	Sg	00:56:48.510	-1.3					T__		370.0	0.30	m_i		
FBE	0.83	119.8	Pg	00:56:39.110	-1.0					T__				mde	ML	3.1
FBE	0.83	119.8	Sg	00:56:50.210	-0.8					T__				m_e		
POSS	0.84	270.1	Pg	00:56:38.970	-1.3					T__				mce	ML	3.3
POSS	0.84	270.1	Sg	00:56:50.510	-0.9					T__		1230.9	0.29	m_e		
PLN	0.85	182.4	Pn	00:56:39.130	-1.3					T__				mci	ML	2.6
PLN	0.85	182.4	Sg	00:56:50.530	-1.3					T__		247.5	0.23	m_e		
HWTS	0.88	212.3	Pn	00:56:39.530	-1.2					T__				mci	ML	2.8
HWTS	0.88	212.3	Sg	00:56:51.300	-1.4					T__				m_i		
WERD	0.89	176.2	Pn	00:56:39.690	-1.2					T__				mci	ML	3.1
WERD	0.89	176.2	Sg	00:56:52.000	-1.0					T__		640.6	0.20	m_i		
CHRS	0.91	287.9	Pn	00:56:40.050	-1.1					T__				mdi	ML	3.2
CHRS	0.91	287.9	Sg	00:56:52.200	-1.4					T__				m_e		
MULD	0.93	172.4	Pn	00:56:40.300	-1.2					T__				m_e	ML	2.9
MULD	0.93	172.4	Sg	00:56:53.000	-1.3					T__		455.6	0.35	m_e		
TANN	0.94	170.3	Pn	00:56:40.420	-1.1					T__				mci	ML	2.6
TANN	0.94	170.3	Sg	00:56:52.840	-1.6					T__		207.5	0.17	m_e		
GUNZ	0.98	175.6	Pn	00:56:40.860	-1.2					T__				mci	ML	3.1
GUNZ	0.98	175.6	Sg	00:56:53.670	-2.0					T__		605.4	0.34	m_e		
TRIB	0.99	182.8	Pn	00:56:40.870	-1.3					T__				mce	ML	3.1
TRIB	0.99	182.8	Sg	00:56:53.830	-2.2					T__		683.6	0.17	m_e		
WESF	1.02	218.6	Pn	00:56:41.410	-1.2					T__				mce		
WESF	1.02	218.6	Sg	00:56:55.420	-1.6					T__				m_e		
WERN	1.06	174.4	Pn	00:56:42.080	-1.1					T__				mci	ML	3.1
WERN	1.06	174.4	Sg	00:56:55.670	-2.5					T__		592.3	0.16	m_e		

A803	1.06	44.1	Pn	00:56:42.814	-0.4	---							m_e	
A807	1.06	44.1	Pn	00:56:42.820	-0.4	---							m_e	
ROHR	1.11	176.6	Pn	00:56:42.710	-1.1	T_							m_e ML	2.7
ROHR	1.11	176.6	Sg	00:56:58.000	-1.7	T_			245.8	0.19			m_e	
NKC	1.12	172.3	Pn	00:56:42.880	-1.1	T_							mci ML	3.3
NKC	1.12	172.3	Sg	00:56:58.190	-1.8	T_			887.6	0.29			m_e	
VIEL	1.16	183.5	Pn	00:56:43.240	-1.2	T_							mci	
VIEL	1.16	183.5	Sg	00:56:57.760	-3.5	T_							m_e	
CRUX	1.16	231.1	Pn	00:56:43.280	-1.2	T_							mce	
CRUX	1.16	231.1	Sg	00:56:59.570	-1.8	T_							m_i	
FLT1	1.16	329.1	Pn	00:56:43.220	-1.3	T_							mde ML	3.0
FLT1	1.16	329.1	Sg	00:56:59.200	-2.2	T_							m_e	
BRG	1.18	112.6	Pn	00:56:44.010	-0.8	T_							mce ML	2.8
BRG	1.18	112.6	Sg	00:57:00.410	-1.6	T_			266.3	0.30			m_i	
ASSE	1.24	310.2	Pn	00:56:44.550	-1.0	T_							mce ML	2.6
ASSE	1.24	310.2	Sg	00:57:01.890	-2.0	T_							m_e	
CLZ	1.25	294.4	Pn	00:56:45.050	-0.7	T_							mdi ML	3.0
CLZ	1.25	294.4	Sg	00:57:02.090	-2.1	T_							m_e	
MANZ	1.35	182.9	Pn	00:56:45.891	-1.3	---							m_e ML	3.1
GTTG	1.42	279.2	Pn	00:56:47.552	-0.5	---							m_e ML	3.8
ROTZ	1.57	180.2	Pn	00:56:48.963	-1.2	---							m_e ML	3.0
NRDL	1.74	312.5	Pn	00:56:54.000	1.6	---							m_	
GOR1	1.74	341.7	Pn	00:56:51.800	-0.6	---							m_	
GOR3	1.76	344.6	Pn	00:56:52.015	-0.7	---							m_e	
GRA1	1.76	201.3	Pn	00:56:51.684	-1.0	---							m_e ML	3.1
GOR2	1.82	342.4	Pn	00:56:52.922	-0.5	---							m_e	
WET	2.24	168.8	Pn	00:56:59.600	0.5	---							m_ ML	3.2
ZARR	2.35	340.9	Pn	00:57:00.700	0.0	---							m_ ML	3.2
KAST	2.38	268.2	Pn	00:57:00.457	-0.6	---							m_e ML	2.9
MILB	2.39	232.0	Pn	00:56:59.700	-1.5	---							m_e ML	3.5
TNS	2.63	246.4	Pn	00:57:04.500	0.0	---							m_ ML	3.2
GEC2	2.67	158.5	Pn	00:57:06.600	1.6	---							m_ ML	3.2
BSEG	2.84	336.8	Pn	00:57:06.800	-0.5	---							m_ ML	2.9
A106B	3.04	212.7	Pn	00:57:08.600	-1.4	---							m_ ML	3.5
FUR	3.23	191.2	Pn	00:57:10.900	-1.8	---							m_ ML	3.9
A109A	3.40	212.6	Pn	00:57:13.200	-1.7	---							m_ ML	3.6
A107C	3.57	202.2	Pn	00:57:14.900	-2.3	---							m_ ML	3.7
A100A	3.58	217.5	Pn	00:57:15.400	-1.9	---							m_ ML	3.7
A102A	3.74	212.5	Pn	00:57:17.400	-2.2	---							m_ ML	3.5
UBR	3.91	201.3	Pn	00:57:19.500	-2.3	---							m_ ML	3.3
BFO	3.91	221.3	Pn	00:57:20.000	-1.9	---							m_ ML	3.5
A101B	4.00	217.7	Pn	00:57:20.600	-2.4	---							m_ ML	3.2

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

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