

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 80801001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/01	02:05:16.10	0.39	1.85	51.5488	6.7628	10.8	7.4	118	1.0f		30	15	082			m i ke	LDG	80801041
2018/08/01	02:05:17.60	0.43	0.21	51.5570	6.9180				1.0f			8	309	0.21	1.38	m i ki	BNS	80801031
2018/08/01	02:05:16.40	0.20	0.11	51.5960	6.9000				1.0f			12	186			m i ki	GDNRW	80801021
2018/08/01	02:05:16.82	0.29	0.32	51.5900	6.8280	3.3	2.2	110	1.0f		17	14	141	0.04	1.97	m i ki	BGR	80801011
2018/08/01	02:05:16.04		0.12	51.5860	6.8620				3.1	1.3	28	15	118	0.02	2.19	m i ki	BUG	80801001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.5	2 LDG	80801041
ML	2.1		BNS	80801031
ML	2.1		GDNRW	80801021
ML	2.2	0.1	9 BGR	80801011
MD	2.8	0.4	12 BUG	80801001
ML	2.8	0.1	7 BUG	80801001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.02	290.9	Pg	02:05:17.140	0.4					T__				m__	ML	2.4
ZER1	0.02	290.9	Sg	02:05:18.190	1.0					T__		74.1		m__		
ZER3	0.03	331.3	Pg	02:05:17.250	0.4					T__				m__		
ZER3	0.03	331.3	Sg	02:05:18.460	1.1					T__		38.8		m__		
ZERL	0.04	7.6	Pg	02:05:17.330	0.4					T__				m__	ML	2.2
ZERL	0.04	7.6	Sg	02:05:18.380	0.9					T__		38.3		m__		
BAVS	0.20	55.8	Pg	02:05:20.910	1.0					T__				m__		
BAVS	0.20	55.8	Sg	02:05:24.900	2.3					T__		7.5		m__		
BAVN	0.22	46.6	Pg	02:05:21.540	1.3					T__				m__	ML	2.5
BAVN	0.22	46.6	Sg	02:05:25.840	2.7					T__		4.1		m__		
LAUG	0.24	167.7	Pg	02:05:21.355	0.8					---				m_e		
HES	0.25	152.8	Pg	02:05:21.740	1.0					---				mde		
HES	0.25	152.8	Sg	02:05:25.310	1.4					---		183.9	0.46	m_e		
BULI	0.28	117.8	Pg	02:05:22.800	1.4					T__				m__	ML	2.4
BULI	0.28	117.8	Sg	02:05:27.130	2.1					T__		1.7		m__		
BPFI	0.28	126.2	Pg	02:05:22.590	1.2					T__				m__	ML	2.3
BPFI	0.28	126.2	Sg	02:05:26.740	1.7					T__		1.3		m__		
XAN	0.28	286.0	Pg	02:05:22.320	0.9					---				mdi		
XAN	0.28	286.0	Sg	02:05:26.840	1.8					---				m_e		
BUG	0.29	119.7	Pg	02:05:22.740	1.2					T__				m__	ML	2.3
BUG	0.29	119.7	Sg	02:05:27.300	1.9					T__		1.3		m__		
BKLB	0.29	119.7	Pg	02:05:22.880	1.3					T__				m__		
BTEZ	0.29	117.7	Pg	02:05:23.190	1.6					T__				m__	ML	2.3
BTEZ	0.29	117.7	Sg	02:05:26.861	1.5					---				m_e		
WTSB	0.38	354.2	Pg	02:05:24.432	1.2					---				m_e	ML	2.2
WTSB	0.38	354.2	Sg	02:05:28.871	0.7					---				m_e		
ENTS	0.49	135.0	Pg	02:05:26.110	0.9					---				m_e		
ENTS	0.49	135.0	Sg	02:05:32.850	1.4					---				m_e		
PLH	0.58	182.6	Pg	02:05:28.010	1.0					---				m_e		
PLH	0.58	182.6	Sg	02:05:36.290	1.7					---				m_e		
BNS	0.65	162.4	Pg	02:05:29.679	1.3					---				m_e		
HOBG	0.67	153.7	Pg	02:05:29.889	1.2					---				m_e		
SORT	0.73	108.4	Pg	02:05:30.360	0.5					---				m_e		

SORT	0.73	108.4	Sg	02:05:40.260	1.0	---	71.5	0.34	m_e										
WBS	0.82	161.1	Pg	02:05:32.570	1.0	---			m_e										
WBS	0.82	161.1	Sg	02:05:43.760	1.5	---	44.6	0.39	m_e										
GSH	0.90	199.8	Pg	02:05:34.370	1.3	---			m_e										
GSH	0.90	199.8	Sg	02:05:46.830	2.1	---	63.0	0.38	m_e										
IBBN	0.91	37.2	Pg	02:05:34.040	0.9	T_			m_ ML	2.4									
IBBN	0.91	37.2	Sg	02:05:48.440	3.5	T_	0.2		m_										
IBBE	0.92	38.5	Pg	02:05:34.210	0.9	T_			m_										
IBBE	0.92	38.5	Sg	02:05:48.770	3.6	T_	0.4		m_										
ACN	0.95	211.3	Pg	02:05:35.110	1.2	---			m_e										
ACN	0.95	211.3	Sg	02:05:48.240	2.1	---	80.9	0.16	m_e										
KLL	1.00	200.4	Pg	02:05:36.211	1.3	---			m_e										
KLL	1.00	200.4	Sg	02:05:50.014	2.2	---	59.4	0.55	m_e										
DREG	1.00	203.4	Pg	02:05:36.211	1.2	---			m_e										
KAST	1.04	111.0	Pg	02:05:36.640	0.9	T_			m_ ML	2.6									
KAST	1.04	111.0	Sg	02:05:51.940	2.8	T_	0.3		m_										
AHRW	1.05	172.6	Pg	02:05:37.130	1.2	T_			m_ ML	2.6									
AHRW	1.05	172.6	Sg	02:05:51.490	2.0	T_	0.3		m_										
MEM	1.11	209.0	Pg	02:05:37.616	0.6	---			m_e ML	2.3									
MEM	1.11	209.0	Sg	02:05:52.746	1.3	---			m_e										
OLFT	1.13	194.4	Pg	02:05:38.230	0.9	---			m_e										
OLFT	1.13	194.4	Sg	02:05:53.850	2.0	---			m_e										
BHE	1.25	170.7	Pg	02:05:40.300	0.7	---			m_e										
BHE	1.25	170.7	Sg	02:05:57.150	1.4	---	33.5	0.38	m_e										
KOE	1.28	154.4	Pg	02:05:40.636	0.4	---			m_e										
HILG	1.30	185.2	Pg	02:05:41.163	0.6	---			m_e										
BGG	1.41	167.6	Pg	02:05:42.533	-0.1	---			m_e										
LOH	1.42	188.5	Pg	02:05:43.180	0.4	---			m_e										
LOH	1.42	188.5	Sg	02:06:01.710	0.6	---	39.3	0.43	m_e										
TNS	1.69	143.1	Pn	02:05:46.710	1.0	T_			m_ ML	2.5									
TNS	1.69	143.1	Pg	02:05:49.183	1.3	---			m_e										
TNS	1.69	143.1	Sg	02:06:08.800	-1.0	T_	0.1		m_										
RCHB	1.76	216.4	Sg	02:06:12.124	0.1	---			m_e ML	2.3									
WLF	1.97	193.5	Pg	02:05:53.496	0.3	---			m_e ML	2.3									
CLZ	2.19	81.9	Pg	02:05:57.000	-0.3	---			m_ ML	2.5									
CLZ	2.19	81.9	Sg	02:06:24.400	-1.2	---	0.1		m_										

Event 80801002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/01	03:47:37.10	0.29	0.62	51.4334	15.6948	8.5	4.2	154	1.0f		44	19	308			m i sr	LDG	80801022
2018/08/01	03:47:28.10	0.48	0.31	51.4920	16.6390				2.0f			5	354	5.71	6.58	m i ki	BNS	80801012
2018/08/01	03:47:32.39	0.42	0.58	51.5480	16.1540	4.4	2.2	027	1.0f		26	17	202	0.71	3.64	m i ki	BGR	80801002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.4	17 LDG	80801022
ML	3.7		BNS	80801012
ML	3.6	0.3	16 BGR	80801002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.71	172.9	Pg	03:47:46.251	0.5					T_				m_e ML	2.9

KSP	0.71	172.9	Sg	03:47:55.780	0.8	T__	m_e															
DPC	1.20	174.9	Pg	03:47:54.979	-0.1	T__	m_e	ML	4.0													
DPC	1.20	174.9	Sg	03:48:10.764	0.2	T__	m_e															
BRG	1.54	244.9	Pn	03:47:59.531	-0.7	T__	m_e	ML	3.5													
BRG	1.54	244.9	Sg	03:48:21.481	0.1	T__	m_e															
FBE	1.86	251.4	Pn	03:48:04.913	0.3	T__	m_e	ML	3.3													
FBE	1.86	251.4	Sg	03:48:30.949	-0.6	T__	m_e															
MORC	1.98	153.0	Pn	03:48:06.191	0.0	T__	m_e	ML	3.8													
MORC	1.98	153.0	Sg	03:48:35.504	0.3	T__	m_e															
CLL	1.98	264.3	Pn	03:48:05.274	-0.9	T__	m_e	ML	3.4													
OKC	2.13	142.8	Pn	03:48:07.693	-0.5	T__	m_e	ML	3.2													
OKC	2.13	142.8	Sg	03:48:39.314	-0.6	T__	m_e															
TANN	2.59	245.5	Pn	03:48:14.553	0.2	T__	m_e	ML	3.7													
TANN	2.59	245.5	Sg	03:48:54.707	0.2	T__	m_e															
OJC	2.65	118.6	Pn	03:48:14.151	-1.2	T__	m_e															
WERD	2.66	247.1	Pn	03:48:15.337	-0.1	T__	m_e	ML	3.5													
MOX	2.99	254.2	Pn	03:48:19.734	-0.1	T__	m_e	ML	3.9													
MOX	2.99	254.2	Pg	03:48:28.298	-0.4	T__	m_e															
MANZ	3.00	240.2	Pn	03:48:20.648	0.7	T__	m_e	ML	3.8													
ROTZ	3.07	236.1	Pn	03:48:21.179	0.2	T__	m_e	ML	3.5													
GEC2	3.13	211.1	Pn	03:48:22.229	0.5	T__	m_e	ML	3.7													
GEC2	3.13	211.1	Sg	03:49:10.824	-0.9	T__	m_e															
WET	3.19	222.3	Pn	03:48:22.953	0.4	T__	m_e	ML	3.6													
CLZ	3.59	276.9	Pn	03:48:28.878	0.8	T__	m_e	ML	3.7													
GRA1	3.64	241.2	Pn	03:48:29.240	0.6	T__	m_e	ML	4.1													
KOE	5.42	261.3	Pn	03:48:52.500	-0.3	___	m_e															
KOE	5.42	261.3	Sn	03:49:57.500	6.5	___	m_i		28.0	0.76												
BGG	5.72	259.9	Pn	03:48:57.400	0.5	___	m_e															
KLL	6.24	265.6	Pn	03:49:04.400	0.4	___	m_e															
DREG	6.29	265.8	Pn	03:49:05.000	0.4	___	m_e															

Event 80802007 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/02	13:10:04.50	0.44	0.21	51.5770	6.9370				1.0f				6 310	0.23	1.30	m i ki	BNS	80802037
2018/08/02	13:10:04.30	0.19	0.11	51.5800	6.8950				1.0f				10 256			m i ki	GDNRW	80802027
2018/08/02	13:10:05.16	0.35	0.69	51.5340	6.8250	4.4	3.3	128	1.0f		16	9 141	0.29	1.92	m i ki	BGR	80802017	
2018/08/02	13:10:03.63		0.28	51.5870	6.8690				3.3	1.7	20	11 159	0.03	1.69	m i ki	BUG	80802007	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	80802037
ML	2.0		GDNRW	80802027
ML	2.1	0.2	7 BGR	80802017
MD	2.5	0.3	11 BUG	80802007
ML	2.5		3 BUG	80802007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER1	0.03	285.9	Pg	13:10:04.730	0.3					T__				m__ ML	2.0
ZER1	0.03	285.9	Sg	13:10:05.730	0.8					T__		30.1		m__	
ZER3	0.03	323.6	Pg	13:10:04.830	0.4					T__				m__ ML	1.9
ZER3	0.03	323.6	Sg	13:10:05.930	0.9					T__		22.8		m__	

ZERL	0.03	0.5	Pg	13:10:04.900	0.4	T__		m__	ML	2.0
ZERL	0.03	0.5	Sg	13:10:05.930	0.9	T__	25.0	m__		
BAVS	0.20	55.4	Pg	13:10:08.760	1.3	T__		m__		
BAVS	0.20	55.4	Sg	13:10:12.270	2.3	T__	4.3	m__		
BAVN	0.22	46.0	Pg	13:10:09.180	1.4	T__		m__	ML	2.4
BAVN	0.22	46.0	Sg	13:10:13.230	2.6	T__	3.3	m__		
LAUG	0.24	168.8	Pg	13:10:08.887	0.7	---		m_e		
HES	0.24	153.8	Pg	13:10:09.320	1.0	---		m_e		
HES	0.24	153.8	Sg	13:10:12.670	1.2	---	117.4	0.40	m_e	
BULI	0.28	118.4	Pg	13:10:11.370	2.5	T__		m__	ML	2.1
BULI	0.28	118.4	Sg	13:10:14.390	1.9	T__	0.9	m__		
BPFI	0.28	126.9	Pg	13:10:10.820	1.9	T__		m__	ML	2.0
BPFI	0.28	126.9	Sg	13:10:14.580	2.0	T__	0.7	m__		
BUG	0.29	120.3	Pg	13:10:10.730	1.6	T__		m__	ML	2.0
BUG	0.29	120.3	Sg	13:10:14.590	1.7	T__	0.7	m__		
BKLB	0.29	120.3	Pg	13:10:10.790	1.7	T__		m__		
BTEZ	0.29	118.2	Pg	13:10:11.020	1.9	T__		m__	ML	2.0
WTSB	0.38	353.5	Pg	13:10:13.357	2.5	---		m_e		
ENTS	0.48	135.4	Pg	13:10:13.780	1.0	---		m_e		
ENTS	0.48	135.4	Sg	13:10:20.470	1.5	---		m_e		
PLH	0.58	183.1	Pg	13:10:15.700	1.1	---		m_e		
PLH	0.58	183.1	Sg	13:10:23.890	1.7	---		m_e		
HOBG	0.67	154.1	Pg	13:10:17.245	1.0	---		m_e		
SORT	0.73	108.6	Pg	13:10:18.370	1.0	---		m_e		
SORT	0.73	108.6	Sg	13:10:27.930	1.2	---	32.8	0.34	m_e	
WBS	0.82	161.5	Pg	13:10:20.110	1.0	---		m_e		
WBS	0.82	161.5	Sg	13:10:31.200	1.4	---	36.2	0.23	m_e	
IBBN	0.90	37.0	Pg	13:10:21.710	1.0	T__		m__	ML	2.3
IBBN	0.90	37.0	Sg	13:10:36.170	3.8	T__	0.2	m__		
GSH	0.90	200.0	Pg	13:10:21.880	1.2	---		m_e		
GSH	0.90	200.0	Sg	13:10:34.150	1.8	---	56.0	0.34	m_e	
ACN	0.95	211.5	Pg	13:10:22.860	1.3	---		m_e		
ACN	0.95	211.5	Sg	13:10:35.540	1.7	---	57.0	0.18	m_e	
KLL	1.00	200.6	Pg	13:10:23.427	0.9	---		m_e		
KLL	1.00	200.6	Sg	13:10:37.624	2.1	---	45.6	0.55	m_e	
DREG	1.01	203.6	Pg	13:10:23.771	1.2	---		m_e		
HGN	1.01	215.9	Pg	13:10:23.780	1.1	---		m__	ML	2.1
HGN	1.01	215.9	Sg	13:10:38.270	2.5	---	0.1	m__		
KAST	1.04	111.1	Pg	13:10:24.460	1.2	---		m__	ML	2.5
KAST	1.04	111.1	Sg	13:10:38.920	2.3	---	0.3	m__		
AHRW	1.05	172.8	Pg	13:10:24.930	1.4	---		m__	ML	2.3
AHRW	1.05	172.8	Sg	13:10:40.170	3.0	---	0.2	m__		
MEM	1.12	209.2	Pg	13:10:25.523	0.8	---		m_e	ML	2.1
MEM	1.12	209.2	Sg	13:10:40.358	1.2	---		m_e		
OLFT	1.13	194.7	Pg	13:10:25.890	1.0	---		m_e		
OLFT	1.13	194.7	Sg	13:10:41.240	1.7	---		m_e		
KOE	1.28	154.6	Pg	13:10:27.434	-0.4	---		m_e		
HILG	1.30	185.4	Pg	13:10:28.694	0.5	---		m_e		
LOH	1.42	188.6	Pg	13:10:30.450	0.1	---		m_e		
LOH	1.42	188.6	Sg	13:10:49.450	0.7	---	34.3	0.27	m_e	
TNS	1.69	143.3	Pn	13:10:35.080	1.9	---		m__	ML	2.3
TNS	1.69	143.3	Pg	13:10:36.737	1.3	---		m_e		
TNS	1.69	143.3	Sg	13:10:57.710	0.4	---		m_e		
RCHB	1.77	216.5	Sg	13:10:57.768	-2.0	---		m_e	ML	2.0

WLF	1.98	193.6	Pg	13:10:41.101	0.2	---	m_e	ML	2.2
WLF	1.98	193.6	Sg	13:11:05.846	-0.5	---	m_e		

Event 80802001 Rethem/Aller, Walsrode, NE of Nienburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/02	21:11:30.60	0.29		52.7420	9.5440	3.3	3.3	040	19.8	3.1	20	13	098	0.11	1.22	m i ke	BGR	80802011

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	8 BGR	80802011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RETH	0.11	262.8	Pg	21:11:34.938	0.4					T__				m_e	
RETH	0.11	262.8	Sg	21:11:37.460	0.2					T__				m_e	
RETHO	0.11	262.9	Pg	21:11:34.986	0.4					T__				m_e	
RETHO	0.11	262.9	Sg	21:11:38.740	1.5					T__				m_e	
GOLD	0.19	338.4	Pg	21:11:35.698	0.1					T__				m_e	ML 1.8
GOLD	0.19	338.4	Sg	21:11:39.663	0.7					T__				m_e	
DEEL	0.26	327.3	Pg	21:11:36.638	0.2					T__				m_e	ML 2.0
DEEL	0.26	327.3	Sg	21:11:41.884	1.4					T__				m_e	
LOCC	0.41	216.7	Pg	21:11:39.462	0.4					T__				m_e	ML 2.2
LOCC	0.41	216.7	Sg	21:11:45.471	0.6					T__				m_e	
NRDL	0.42	125.7	Pg	21:11:40.017	0.8					T__				m_e	ML 1.6
SYKE	0.43	288.9	Pg	21:11:39.610	0.3					T__				m_e	ML 2.3
SYKE	0.43	288.9	Sg	21:11:46.090	0.8					T__				m_e	
HKAP	0.54	77.0	Pg	21:11:42.007	0.6					T__				m_e	ML 2.2
IGAD	0.73	315.4	Sg	21:11:55.021	0.6					T__				m_e	
CLZ	1.03	150.3	Pn	21:11:48.596	-0.7					T__				m_e	ML 2.0
FLT1	1.11	111.1	Sg	21:12:05.677	-0.6					T__				m_e	ML 2.2
IBBN	1.17	248.8	Pn	21:11:51.417	0.2					T__				m_e	
GTTG	1.22	167.7	Pn	21:11:51.772	-0.2					T__				m_e	
GTTG	1.22	167.7	Pg	21:11:53.999	0.1					T__				m_e	

Event 80803003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/03	02:57:45.10	0.19	0.38	51.5729	6.7054	3.3	2.6	031	1.0f		53	20	292			m i sr	LDG	80803043
2018/08/03	02:57:44.80	0.52	0.21	51.5660	6.9120				1.1	7.9		7	310	0.22	1.39	m i ki	BNS	80803033
2018/08/03	02:57:44.20	0.19	0.11	51.5940	6.8980				1.0f			12	186			m i ki	GDNRW	80803023
2018/08/03	02:57:45.86	0.27	1.80	51.5360	6.9210	5.6	5.6	095	1.0f		17	11	073	0.24	2.16	m i ki	BGR	80803013
2018/08/03	02:57:44.51		0.29	51.5780	6.8740				0.7	0.6	27	15	083	0.03	2.18	m i ki	BUG	80803003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.3	21 LDG	80803043
ML	2.1		BNS	80803033
ML	2.1		GDNRW	80803023
ML	2.2	0.2	10 BGR	80803013
MD	2.7	0.5	12 BUG	80803003
ML	2.7	0.2	4 BUG	80803003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.03	298.9	Pg	02:57:44.850	-0.3					T__				m__	ML	2.3
ZER1	0.03	298.9	Sg	02:57:46.030	0.4					T__		43.5		m__		
ZER3	0.04	327.6	Pg	02:57:44.980	-0.3					T__				m__	ML	2.2
ZER3	0.04	327.6	Sg	02:57:46.290	0.5					T__		26.9		m__		
ZERL	0.04	356.3	Pg	02:57:45.020	-0.3					T__				m__	ML	2.2
ZERL	0.04	356.3	Sg	02:57:46.340	0.5					T__		30.9		m__		
BAVS	0.20	52.8	Pg	02:57:48.800	0.5					T__				m__		
BAVS	0.20	52.8	Sg	02:57:52.510	1.6					T__		6.2		m__		
BAVN	0.22	43.8	Pg	02:57:49.290	0.6					T__				m__	ML	2.5
BAVN	0.22	43.8	Sg	02:57:53.370	1.8					T__		3.9		m__		
LAUG	0.23	169.1	Pg	02:57:48.955	0.1					___				m_e		
HES	0.24	153.6	Pg	02:57:49.440	0.5					___				m_e		
HES	0.24	153.6	Sg	02:57:53.020	1.0					___		133.9	0.53	m_e		
BULI	0.27	117.1	Pg	02:57:50.400	0.8					T__				m__	ML	2.2
BULI	0.27	117.1	Sg	02:57:55.070	2.0					T__		1.3		m__		
BPFI	0.27	125.8	Pg	02:57:50.380	0.7					T__				m__	ML	2.2
BPFI	0.27	125.8	Sg	02:57:54.410	1.3					T__		1.0		m__		
BUG	0.28	119.0	Pg	02:57:50.590	0.8					T__				m__	ML	2.1
BUG	0.28	119.0	Sg	02:57:55.050	1.6					T__		0.9		m__		
BKLB	0.28	119.1	Pg	02:57:50.590	0.8					T__				m__		
BTEZ	0.28	116.9	Pg	02:57:50.850	1.0					T__				m__		
XAN	0.29	287.1	Pg	02:57:50.050	0.0					___				mdi		
XAN	0.29	287.1	Sg	02:57:54.550	0.8					___				m_e		
WTSB	0.39	353.2	Pg	02:57:52.137	0.3					___				m_e	ML	2.2
WTSB	0.39	353.2	Sg	02:58:00.684	3.7					___				m_e		
ENTS	0.47	134.9	Pg	02:57:53.840	0.4					___				m_e		
ENTS	0.47	134.9	Sg	02:58:00.570	1.0					___				m_e		
PLH	0.58	183.4	Pg	02:57:55.890	0.5					___				m_e		
PLH	0.58	183.4	Sg	02:58:04.070	1.3					___				m_e		
OPLO	0.62	273.2	Sg	02:58:10.440	6.2					___				m_e	ML	2.9
HOBG	0.66	154.0	Pg	02:57:57.479	0.5					___				m_e		
SORT	0.72	108.0	Pg	02:57:58.200	0.1					___				m_e		
SORT	0.72	108.0	Sg	02:58:07.950	0.5					___		75.8	0.32	m_e		
WBS	0.81	161.5	Pg	02:58:00.240	0.4					___				m_e		
WBS	0.81	161.5	Sg	02:58:11.470	1.1					___		49.6	0.32	m_e		
GSH	0.90	200.4	Pg	02:58:01.960	0.5					___				m_e		
GSH	0.90	200.4	Sg	02:58:14.400	1.4					___		61.5	0.31	m_e		
IBBN	0.91	36.5	Pg	02:58:01.730	0.1					T__				m__	ML	2.4
IBBN	0.91	36.5	Sg	02:58:16.070	2.6					T__		0.2		m__		
IBBE	0.92	37.8	Pg	02:58:03.280	1.5					T__				m__	ML	2.5
IBBE	0.92	37.8	Sg	02:58:16.730	3.1					T__		0.3		m__		
ACN	0.94	212.0	Sg	02:58:15.950	1.5					___		96.9	0.16	m_e		
KLL	1.00	201.0	Pg	02:58:03.776	0.5					___				m_e		
KLL	1.00	201.0	Sg	02:58:17.725	1.6					___				m_e		
DREG	1.00	204.0	Pg	02:58:03.679	0.3					___				m_e		
HGN	1.01	216.3	Pg	02:58:04.040	0.6					T__				m__	ML	2.3
HGN	1.01	216.3	Sg	02:58:17.430	1.0					___		0.2		m__		
KAST	1.03	110.7	Pg	02:58:04.260	0.3					T__				m__	ML	2.3
KAST	1.03	110.7	Sg	02:58:18.620	1.3					T__		0.4		m__		
AHRW	1.04	172.9	Pg	02:58:04.879	0.7					___				m_e	ML	2.1
AHRW	1.04	172.9	Sg	02:58:20.591	2.9					___				m_e		
MEM	1.11	209.6	Pg	02:58:05.461	0.0					___				m_e	ML	2.2

MEM	1.11	209.6	Sg	02:58:20.562	0.8	---													m_e
OLFT	1.12	194.9	Pg	02:58:06.030	0.4	---													m_e
OLFT	1.12	194.9	Sg	02:58:21.220	1.1	---													m_e
BHE	1.24	171.0	Pg	02:58:08.000	0.1	---													m_e
BHE	1.24	171.0	Sg	02:58:24.930	1.0	---					25.6	0.34							m_e
KOE	1.27	154.6	Pg	02:58:08.231	-0.3	---													m_e
HILG	1.29	185.5	Pg	02:58:08.716	-0.1	---													m_e
BGG	1.40	167.8	Pg	02:58:10.169	-0.8	---													m_e
LOH	1.41	188.8	Pg	02:58:10.710	-0.4	---													m_e
LOH	1.41	188.8	Sg	02:58:29.480	0.1	---					47.3	0.33							m_e
TNS	1.68	143.2	Pn	02:58:15.110	0.8	T_													m_ ML 2.4
TNS	1.68	143.2	Sg	02:58:37.300	-0.6	T_					0.1								m_ ML 2.1
RCHB	1.76	216.8	Sg	02:58:38.086	-2.4	---													m_e ML 2.1
WLF	1.97	193.7	Pg	02:58:21.026	-0.6	---													m_e ML 2.1
CLZ	2.18	81.7	Pn	02:58:20.610	-0.5	---													m_ ML 2.5
CLZ	2.18	81.7	Sg	02:58:52.418	-1.5	---													m_e

Event 80803007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/03	18:03:33.52	0.70	3.57	51.5526	16.0434	9.4	4.1	062	0.0	0.0	17	4	008			m i sr	ZAMG	80803017
2018/08/03	18:03:33.95	0.45	0.62	51.5880	16.0130	5.6	2.2	018	1.0f		25	16	202	0.77	3.58	m i ki	BGR	80803007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.1	4 ZAMG	80803017
ML	3.1	0.3	15 BGR	80803007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.77	166.6	Pg	18:03:48.235	-0.1					T_				m_e ML	2.6
KSP	0.77	166.6	Sg	18:03:58.627	0.4					T_				m_e	
DPC	1.25	170.9	Pn	18:03:56.920	-1.0					T_				m_e ML	3.7
DPC	1.25	170.9	Sg	18:04:13.948	0.2					T_				m_e	
BRG	1.48	241.9	Pn	18:04:00.899	-0.1					T_				m_e ML	2.8
BRG	1.48	241.9	Sg	18:04:20.775	-0.2					T_				m_e	
FBE	1.79	249.2	Pn	18:04:06.805	1.6					T_				m_e ML	2.7
FBE	1.79	249.2	Sg	18:04:30.529	-0.4					T_				m_e	
CLL	1.90	262.7	Pn	18:04:05.465	-1.1					T_				m_e ML	2.9
MORC	2.05	151.3	Pn	18:04:08.314	-0.4					T_				m_e ML	3.5
MORC	2.05	151.3	Sg	18:04:39.282	0.1					T_				m_e	
TANN	2.52	243.7	Pn	18:04:14.817	-0.3					T_				m_e ML	3.1
TANN	2.52	243.7	Sg	18:04:53.433	-0.7					T_				m_e	
WERD	2.60	245.4	Pn	18:04:15.639	-0.4					T_				m_e ML	2.9
OJC	2.75	118.3	Pn	18:04:17.845	-0.4					T_				m_e	
MOX	2.92	252.9	Pn	18:04:19.839	-0.6					T_				m_e ML	3.3
MOX	2.92	252.9	Sg	18:05:07.404	0.8					T_				m_e	
MANZ	2.94	238.5	Pn	18:04:21.199	0.4					T_				m_e ML	3.4
MANZ	2.94	238.5	Sg	18:05:08.198	0.8					T_				m_e	
ROTZ	3.02	234.4	Pn	18:04:21.805	-0.1					T_				m_e ML	3.1
GEC2	3.12	209.2	Pn	18:04:23.920	0.8					T_				m_e ML	3.3
WET	3.16	220.5	Pn	18:04:23.963	0.3					T_				m_e ML	3.3
CLZ	3.50	276.4	Pn	18:04:28.764	0.4					T_				m_e ML	3.1

GRA1	3.58	239.9	Pn	18:04:29.951	0.5	T__	m_e	ML	3.6
GRA1	3.58	239.9	Sg	18:05:27.705	0.0	T__	m_e		

Event 80804005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/04	09:57:13.70	0.54	0.31	51.5830	6.9050				1.0f			7	310	0.23	1.40	m i ki	BNS	80804035
2018/08/04	09:57:13.10	0.20	0.11	51.5920	6.8930				1.0f			12	185			m i ki	GDNRW	80804025
(Felt.)																		
2018/08/04	09:57:14.35	0.32	0.88	51.5780	6.8450	4.4	3.3	128	1.0f		14	9	083	0.30	1.75	m i ki	BGR	80804015
2018/08/04	09:57:13.39		0.32	51.5780	6.8610				0.3	1.1	19	14	091	0.03	2.19	m i ki	BUG	80804005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BNS	80804035
ML	1.9		GDNRW	80804025
ML	2.1	0.3	9 BGR	80804015
MD	2.5	0.5	9 BUG	80804005
ML	2.7		3 BUG	80804005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER1	0.03	307.0	Pg	09:57:13.780	-0.1					T__				m__	
ZER1	0.03	307.0	Sg	09:57:14.790	0.5					T__				m__	
ZER3	0.04	338.0	Pg	09:57:13.890	-0.2					T__				m__	
ZER3	0.04	338.0	Sg	09:57:15.240	0.7					T__				m__	
ZERL	0.04	7.0	Pg	09:57:14.010	-0.2					T__				m__ ML	2.2
ZERL	0.04	7.0	Sg	09:57:15.100	0.3					T__		27.4		m__	
BAVS	0.21	54.1	Pg	09:57:17.770	0.5					T__				m__	
BAVN	0.23	45.2	Pg	09:57:18.250	0.6					T__				m__	
LAUG	0.23	167.1	Pg	09:57:17.971	0.2					---				m_e	
HES	0.24	151.8	Pg	09:57:18.140	0.2					---				m_e	
BULI	0.28	116.3	Pg	09:57:19.520	0.9					T__				m__	
BULI	0.28	116.3	Sg	09:57:23.730	1.5					---				m__	
BPFI	0.28	124.8	Pg	09:57:19.310	0.7					T__				m__ ML	2.0
BPFI	0.28	124.8	Sg	09:57:23.310	1.1					T__		0.8		m__	
XAN	0.28	287.6	Pg	09:57:18.980	0.2					---				m_e	
XAN	0.28	287.6	Sg	09:57:23.370	0.9					---				m_e	
BUG	0.29	118.2	Pg	09:57:19.470	0.6					T__				m__ ML	1.8
BUG	0.29	118.2	Sg	09:57:24.030	1.5					---				m__	
BKLB	0.29	118.3	Pg	09:57:19.460	0.6					T__				m__	
BTEZ	0.29	116.2	Pg	09:57:20.040	1.2					T__				m__ ML	2.0
WTSE	0.39	354.4	Pg	09:57:21.108	0.4					---				m_e ML	2.0
ENTS	0.48	134.3	Pg	09:57:22.810	0.4					---				m_e	
ENTS	0.48	134.3	Sg	09:57:29.600	0.9					---				m_e	
PLH	0.57	182.6	Pg	09:57:24.750	0.5					---				m_e	
PLH	0.57	182.6	Sg	09:57:32.950	1.3					---				m_e	
OPLO	0.61	273.2	Pg	09:57:26.818	1.8					---				m_e ML	2.8
HOBG	0.66	153.4	Pg	09:57:26.541	0.6					---				m_e	
SORT	0.73	107.8	Pg	09:57:27.110	-0.0					---				m_e	
SORT	0.73	107.8	Sg	09:57:37.070	0.5					---		35.9	0.42	m_e	
WBS	0.82	160.9	Pg	09:57:29.020	0.3					---				m_e	
WBS	0.82	160.9	Sg	09:57:40.270	1.0					---		32.9	0.41	m_e	

GSH	0.89	199.9	Pg	09:57:30.890	0.6	---												m_e					
GSH	0.89	199.9	Sg	09:57:43.460	1.6	---												51.2	0.38	m_e			
IBBN	0.91	36.9	Pg	09:57:30.810	0.2	T_														m_	ML	2.3	
IBBN	0.91	36.9	Sg	09:57:45.600	3.1	T_														0.2	m_		
ACN	0.94	211.5	Pg	09:57:31.740	0.6	---															m_e		
ACN	0.94	211.5	Sg	09:57:44.770	1.5	---														49.1	0.20	m_e	
KLL	0.99	200.5	Pg	09:57:32.434	0.3	---															m_e		
KLL	0.99	200.5	Sg	09:57:46.897	2.0	---															35.8	0.13	m_e
DREG	1.00	203.6	Pg	09:57:32.862	0.7	---															m_e		
HGN	1.00	216.0	Pn	09:57:32.920	-1.1	T_															m_	ML	2.1
KAST	1.04	110.5	Pg	09:57:33.410	0.4	T_															m_	ML	2.3
KAST	1.04	110.5	Sg	09:57:47.509	1.1	---															m_e		
AHRW	1.05	172.5	Pn	09:57:34.240	-0.4	T_															m_	ML	2.0
AHRW	1.05	172.5	Sg	09:57:49.854	3.2	---															m_e		
MEM	1.11	209.2	Pg	09:57:34.434	0.2	---															m_e	ML	2.1
MEM	1.11	209.2	Sg	09:57:49.448	0.9	---															m_e		
OLFT	1.12	194.5	Pg	09:57:35.110	0.6	---															m_e		
OLFT	1.12	194.5	Sg	09:57:50.060	1.1	---															m_e		
BHE	1.24	170.6	Pg	09:57:36.840	0.1	---															m_e		
BHE	1.24	170.6	Sg	09:57:53.730	0.9	---															26.6	0.38	m_e
KOE	1.28	154.2	Pg	09:57:37.255	-0.2	---															m_e		
HILG	1.29	185.2	Pg	09:57:37.576	-0.2	---															m_e		
BGG	1.40	167.5	Pg	09:57:39.398	-0.5	---															m_e		
LOH	1.41	188.5	Pg	09:57:39.750	-0.2	---															m_e		
LOH	1.41	188.5	Sg	09:57:58.120	-0.1	---															31.8	0.28	m_e
TNS	1.68	143.0	Pn	09:57:44.177	0.9	---															m_e	ML	2.0
RCHB	1.76	216.6	Sg	09:58:09.196	0.0	---															m_e	ML	2.0
CLZ	2.19	81.7	Pg	09:57:54.250	-0.4	---															m_		

Event 80805001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/05	05:39:15.20	0.14	0.89	51.5280	6.7984	2.6	2.2	150	2.0	0.0	140	34	084			m i ke	LDG	80805041
2018/08/05	05:39:14.70	0.31	0.11	51.5820	6.8230				1.0f			9	289	0.24	1.53	m i ki	BNS	80805031
2018/08/05	05:39:14.50	0.21	0.11	51.5700	6.8530				1.0f			13	176			m i ki	GDNRW	80805021
2018/08/05	05:39:15.55	0.22	1.38	51.5650	6.8910	4.4	4.4	118	1.0f		23	14	073	0.06	2.17	m i ki	BGR	80805011
2018/08/05	05:39:14.31		0.16	51.5870	6.8550				2.4	0.8	31	18	076	0.02	2.20	m i ki	BUG	80805001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	38 LDG	80805041
ML	2.8		BNS	80805031
ML	2.7		GDNRW	80805021
ML	2.9	0.2	11 BGR	80805011
MD	3.2	0.3	14 BUG	80805001
ML	3.3	0.2	9 BUG	80805001

Effects	Loctyp	Location	Intensity	Scale	Author
_F_____	Summar		4.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.02	292.7	Pg	05:39:14.930	0.1					T_				m_	ML	3.2

ZER1	0.02	292.7	Sg	05:39:16.010	0.8	T__	352.2		m__	
ZER3	0.03	338.2	Pg	05:39:15.130	0.2	T__			m__	
ZER3	0.03	338.2	Sg	05:39:16.260	0.8	T__	79.6		m__	
ZERL	0.03	15.0	Pg	05:39:15.300	0.2	T__			m__	
ZERL	0.03	15.0	Sg	05:39:16.510	0.9	T__	76.6		m__	
BAVS	0.21	56.7	Pg	05:39:19.130	0.9	T__			m__	
BAVN	0.22	47.5	Pg	05:39:19.600	1.0	T__			m__ ML	2.8
BAVN	0.22	47.5	Sg	05:39:24.050	2.6	T__	8.4		m__	
LAUG	0.24	166.7	Pg	05:39:19.467	0.6	---			mde	
LAUG	0.24	166.7	Sg	05:39:23.145	1.1	---	964.0	0.44	m_e	
HES	0.25	152.0	Pg	05:39:19.640	0.6	---			mce	
HES	0.25	152.0	Sg	05:39:23.050	0.8	---	632.0	0.77	m_e	
XAN	0.28	286.0	Pg	05:39:20.280	0.7	---			mde	
XAN	0.28	286.0	Sg	05:39:24.020	0.8	---			m_e	
BULI	0.28	117.6	Pg	05:39:20.590	0.9	T__			m__ ML	3.0
BULI	0.28	117.6	Sg	05:39:22.640	-0.7	---	7.3		m__	
BPFI	0.29	125.9	Pg	05:39:20.560	0.8	T__			m__ ML	2.7
BPFI	0.29	125.9	Sg	05:39:25.030	1.6	T__	3.2		m__	
BUG	0.30	119.4	Pg	05:39:20.760	0.8	T__			m__ ML	2.9
BUG	0.30	119.4	Sg	05:39:25.610	1.9	T__	4.7		m__	
BKLB	0.30	119.5	Pg	05:39:20.760	0.8	T__			m__ ML	2.8
BTEZ	0.30	117.4	Pg	05:39:20.910	1.0	T__			m__ ML	2.8
WTSE	0.38	354.8	Pg	05:39:22.501	1.0	---			m_e ML	2.6
ENTS	0.49	134.7	Pg	05:39:24.210	0.7	---			mde	
ENTS	0.49	134.7	Sg	05:39:30.840	1.0	---			m_e	
PLH	0.58	182.2	Pg	05:39:25.630	0.3	---			m_e	
PLH	0.58	182.2	Sg	05:39:33.640	0.8	---			m_e	
OPLO	0.61	272.4	Pg	05:39:27.616	1.8	---			m_e ML	3.5
OPLO	0.61	272.4	Sg	05:39:39.162	5.4	---			m_e	
RODG	0.61	223.9	Pg	05:39:26.366	0.5	---			m_e	
RODG	0.61	223.9	Sg	05:39:35.304	1.6	---			m_e	
BD03	0.62	197.5	Pg	05:39:27.312	1.2	---			m_e	
RWB	0.65	222.3	Sg	05:39:35.850	0.8	---			m_e	
BNS	0.65	162.0	Pg	05:39:27.463	0.8	---			m_e	
BA09	0.65	162.0	Pg	05:39:27.980	1.3	---			m_e	
HOBG	0.67	153.4	Pg	05:39:27.776	0.8	---			m_e	
SORT	0.73	108.4	Pg	05:39:28.710	0.5	---			m_e	
SORT	0.73	108.4	Sg	05:39:38.920	1.3	---	184.1	0.37	m_e	
WBS	0.83	160.9	Pg	05:39:30.140	0.3	---			m_e	
WBS	0.83	160.9	Sg	05:39:41.340	0.8	---	216.8	0.40	m_e	
IBBS	0.89	38.0	Pg	05:39:31.570	0.5	T__			m__ ML	2.8
IBBS	0.89	38.0	Sg	05:39:45.960	3.4	T__	0.6		m__	
GSH	0.90	199.5	Pg	05:39:31.680	0.4	---			m_e	
GSH	0.90	199.5	Sg	05:39:43.760	0.8	---	301.4	0.39	m_e	
IBBN	0.91	37.4	Pg	05:39:32.040	0.6	T__			m__ ML	2.9
IBBN	0.91	37.4	Sg	05:39:46.750	3.5	T__	0.8		m__	
IBBE	0.92	38.7	Pg	05:39:32.160	0.5	T__			m__ ML	3.1
IBBE	0.92	38.7	Sg	05:39:46.750	3.3	T__	1.3		m__	
BA14	0.93	191.3	Pg	05:39:33.024	1.1	---			m_e	
ACN	0.94	211.1	Pg	05:39:32.390	0.3	---			m_e	
ACN	0.94	211.1	Sg	05:39:45.240	0.9	---	220.9	0.43	m_e	
BA01	0.95	211.9	Pg	05:39:32.948	0.7	---			m_e	
KLL	1.00	200.2	Pg	05:39:33.262	0.1	---			m_e	
KLL	1.00	200.2	Sg	05:39:47.168	1.1	---	219.5	0.25	m_e	

DREG	1.00	203.1	Pg	05:39:33.496	0.3	---													m_e		
HGN	1.01	215.5	Pg	05:39:33.280	0.0	T_													m__ ML	2.9	
HGN	1.01	215.5	Sg	05:39:47.310	1.0	T_					0.6								m__		
KAST	1.05	110.9	Pg	05:39:34.330	0.3	T_													m__ ML	3.0	
KAST	1.05	110.9	Sg	05:39:48.320	0.7	T_													m__		
AHRW	1.06	172.4	Pg	05:39:34.930	0.7	T_													m__ ML	3.5	
AHRW	1.06	172.4	Sg	05:39:48.970	1.1	T_													m__		
MEM	1.11	208.8	Pg	05:39:35.362	0.1	---													m_e ML	3.1	
MEM	1.11	208.8	Sg	05:39:49.944	0.3	---													m_e		
OLFT	1.13	194.2	Pg	05:39:35.880	0.3	---													m_e		
OLFT	1.13	194.2	Sg	05:39:51.040	0.9	---													m_e		
BHE	1.25	170.5	Pg	05:39:38.080	0.2	---													m_e		
BHE	1.25	170.5	Sg	05:39:54.590	0.5	---								208.7	0.43				m_e		
KOE	1.29	154.3	Pg	05:39:38.537	-0.0	---													m_e		
HILG	1.30	185.0	Pg	05:39:38.604	-0.2	---													m_e		
BGG	1.41	167.4	Pg	05:39:40.235	-0.7	---													m_e		
LOH	1.42	188.3	Pg	05:39:40.610	-0.4	---													m_e		
LOH	1.42	188.3	Sg	05:39:58.980	-0.4	---								300.7	0.27				m_e		
NAST	1.53	155.1	Pg	05:39:42.196	-0.9	---													m_e		
TNS	1.69	143.0	Pg	05:39:44.550	-1.7	T_													m__ ML	3.1	
TNS	1.69	143.0	Sg	05:40:07.400	-0.7	T_													m__		
RCHB	1.76	216.3	Pn	05:39:45.075	0.1	---													m_e ML	2.9	
RCHB	1.76	216.3	Sg	05:40:09.267	-1.0	---													m_e		
GTTG	1.93	90.0	Sg	05:40:16.810	1.1	---													m_e ML	3.0	
WLF	1.97	193.3	Pn	05:39:50.312	2.5	---													m_e ML	2.9	
WLF	1.97	193.3	Sn	05:40:15.003	3.2	---													m_e		
CLZ	2.19	82.0	Pn	05:39:51.130	0.3	T_													m__ ML	3.1	
NRDL	2.20	64.3	Pn	05:39:53.410	2.5	---													m__		

Event 80805008 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/05	19:52:24.10	0.19	0.26	51.5635	6.8849	3.3	2.7	013	2.0	0.0	18	6	284			m i ke	LDG	80805038
2018/08/05	19:52:23.80	0.30	0.11	51.5740	6.8870				1.0f			6	310	0.23	1.40	m i ki	BNS	80805028
2018/08/05	19:52:23.62	0.51	0.67	51.6120	6.7910	5.6	4.4	153	1.0f		11	7	146	0.34	1.76	m i ki	BGR	80805018
2018/08/05	19:52:23.27		0.33	51.5770	6.8580				0.4	1.7	21	13	096	0.03	1.68	m i ki	BUG	80805008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	7 LDG	80805038
ML	1.4		BNS	80805028
ML	1.4	0.2	7 BGR	80805018
MD	2.2	0.5	7 BUG	80805008
ML	2.0	0.3	7 BUG	80805008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER1	0.03	311.0	Pg	19:52:23.820	0.0					T_				m__ ML	1.5
ZER1	0.03	311.0	Sg	19:52:25.180	1.0					T_		9.0		m__	
ZER3	0.04	341.2	Pg	19:52:23.900	-0.1					T_				m__ ML	1.6
ZER3	0.04	341.2	Sg	19:52:25.280	0.8					T_		9.2		m__	
ZERL	0.04	9.3	Pg	19:52:23.990	-0.1					T_				m__ ML	1.6
ZERL	0.04	9.3	Sg	19:52:25.370	0.7					T_		7.1		m__	

BAVS	0.21	54.2	Pg	19:52:27.710	0.5	T__													m__	
BAVN	0.23	45.4	Pg	19:52:28.190	0.6	T__													m__ ML	2.0
LAUG	0.23	166.6	Pg	19:52:28.243	0.6	---													m_e	
BULI	0.28	115.9	Pg	19:52:29.280	0.8	T__													m__ ML	1.5
BPFI	0.28	124.4	Pg	19:52:29.270	0.7	T__													m__ ML	1.4
BPFI	0.28	124.4	Sg	19:52:33.760	1.6	T__					0.2								m__	
BUG	0.29	117.9	Pg	19:52:29.450	0.7	T__													m__ ML	1.3
BUG	0.29	117.9	Sg	19:52:33.810	1.3	T__					0.1								m__	
BKLB	0.29	118.0	Pg	19:52:29.460	0.7	T__													m__	
WTSB	0.39	354.7	Pg	19:52:31.071	0.4	---													m_e ML	1.2
HOBG	0.66	153.2	Pg	19:52:36.519	0.7	---													m_e	
IBBN	0.92	36.9	Pg	19:52:40.840	0.3	---													m__	
IBBN	0.92	36.9	Sg	19:52:55.810	3.4	---													m__	
IBBE	0.92	38.2	Pg	19:52:42.310	1.6	T__													m__ ML	1.9
KLL	0.99	200.5	Pg	19:52:42.582	0.6	---													m_e	
KLL	0.99	200.5	Sg	19:52:56.441	1.7	---					13.6	0.45							m_e	
DREG	0.99	203.5	Pg	19:52:42.582	0.6	---													m_e	
HGN	1.00	215.9	Pg	19:52:42.820	0.7	T__													m__ ML	1.6
HGN	1.00	215.9	Sg	19:52:56.790	1.8	---					0.0								m__	
KAST	1.04	110.4	Pg	19:52:43.380	0.5	T__													m__ ML	2.0
KAST	1.04	110.4	Sg	19:52:57.290	0.9	---					0.1								m__	
AHRW	1.05	172.4	Pg	19:52:43.738	0.8	---													m_e ML	1.4
AHRW	1.05	172.4	Sg	19:52:59.527	3.1	---													m_e	
MEM	1.10	209.2	Pg	19:52:44.546	0.5	---													m_e ML	1.5
MEM	1.10	209.2	Sg	19:52:59.523	1.2	---													m_e	
HILG	1.29	185.1	Pg	19:52:47.490	-0.1	---													m_e	
BGG	1.40	167.4	Pg	19:52:49.030	-0.7	---													m_e	
TNS	1.68	142.9	Pg	19:52:54.480	-0.6	T__													m__ ML	1.9
TNS	1.68	142.9	Sg	19:53:18.796	2.0	---													m_e	
RCHB	1.75	216.5	Sg	19:53:18.838	-0.2	---													m_e ML	1.6

Event 80806002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/06	03:36:28.60	0.21	0.62	51.6337	7.0084	3.6	3.2	078	2.0	0.0	51	22	289			m i ke	LDG	80806042
2018/08/06	03:36:30.00	0.63	0.31	51.5500	6.8720				1.1	19.6		8	286	0.20	1.38	m i ki	BNS	80806032
2018/08/06	03:36:29.30	0.20	0.11	51.5670	6.8680				1.0f			12	177			m i ki	GDNRW	80806022
	(Felt.)																	
2018/08/06	03:36:30.42	0.32	0.92	51.5440	6.8260	5.6	3.3	115	1.0f		13	8	141	0.29	1.72	m i ki	BGR	80806012
2018/08/06	03:36:28.55		0.38	51.5810	6.8730				3.2	2.2	22	15	079	0.03	1.68	m i ki	BUG	80806002
	(#PRIME)																	

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.3	21 LDG	80806042
ML	2.0		BNS	80806032
ML	1.9		GDNRW	80806022
ML	2.1	0.1	8 BGR	80806012
MD	2.6	0.4	12 BUG	80806002
ML	2.5		3 BUG	80806002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER1	0.03	294.8	Pg	03:36:29.730	0.4					T__				m__ ML	2.3

ZER1	0.03	294.8	Sg	03:36:30.740	0.8	T__	47.6	m__		
ZER3	0.04	325.9	Pg	03:36:29.850	0.4	T__		m__	ML	2.1
ZER3	0.04	325.9	Sg	03:36:31.150	1.1	T__	24.3	m__		
ZERL	0.04	356.9	Pg	03:36:29.980	0.5	T__		m__	ML	2.1
ZERL	0.04	356.9	Sg	03:36:30.980	0.9	T__	25.1	m__		
BAVS	0.20	53.5	Pg	03:36:33.610	1.2	T__		m__		
BAVS	0.20	53.5	Sg	03:36:37.400	2.4	T__	5.2	m__		
BAVN	0.22	44.4	Pg	03:36:34.220	1.5	T__		m__	ML	2.5
BAVN	0.22	44.4	Sg	03:36:38.140	2.5	T__	3.4	m__		
LAUG	0.23	169.1	Pg	03:36:34.142	1.1	---		m_e		
HES	0.24	153.7	Pg	03:36:34.200	1.1	---		m_e		
HES	0.24	153.7	Sg	03:36:37.430	1.2	---	79.5	0.17	m_e	
BULI	0.27	117.6	Pg	03:36:35.650	1.9	T__		m__	ML	2.3
BPFI	0.27	126.2	Pg	03:36:35.290	1.5	T__		m__	ML	2.5
BPFI	0.27	126.2	Sg	03:36:39.230	1.9	T__	0.7	m__		
BUG	0.28	119.5	Pg	03:36:35.550	1.6	T__		m__	ML	2.0
BUG	0.28	119.5	Sg	03:36:39.900	2.3	T__	0.7	m__		
BKLB	0.28	119.6	Pg	03:36:35.550	1.6	T__		m__		
BTEZ	0.29	117.4	Pg	03:36:36.020	2.1	T__		m__	ML	2.1
XAN	0.29	286.6	Sg	03:36:39.260	1.4	---		m_e		
WTSB	0.39	353.2	Pg	03:36:37.038	1.2	---		m_e	ML	2.1
WTSB	0.39	353.2	Sg	03:36:44.657	3.7	---		m_e		
ENTS	0.48	135.1	Pg	03:36:38.820	1.3	---		m_e		
ENTS	0.48	135.1	Sg	03:36:45.600	1.9	---		m_e		
PLH	0.58	183.3	Pg	03:36:40.610	1.2	---		m_e		
PLH	0.58	183.3	Sg	03:36:48.480	1.5	---		m_e		
RODG	0.61	225.0	Pg	03:36:41.662	1.5	---		m_e		
HOBG	0.66	154.1	Pg	03:36:42.355	1.3	---		m_e		
SORT	0.72	108.2	Pg	03:36:43.460	1.3	---		m_e		
SORT	0.72	108.2	Sg	03:36:53.410	1.9	---	66.0	0.30	m_e	
WBS	0.82	161.5	Pg	03:36:45.090	1.1	---		m_e		
WBS	0.82	161.5	Sg	03:36:56.080	1.6	---	23.4	0.26	m_e	
GSH	0.90	200.3	Pg	03:36:46.460	0.9	---		m_e		
GSH	0.90	200.3	Sg	03:36:58.490	1.3	---	46.6	0.36	m_e	
IBBN	0.91	36.6	Pg	03:36:47.290	1.6	T__		m__	ML	2.3
IBBN	0.91	36.6	Sg	03:37:00.830	3.4	---	0.2	m__		
IBBE	0.92	38.0	Pg	03:36:47.780	2.0	T__		m__	ML	2.5
IBBE	0.92	38.0	Sg	03:37:00.580	2.9	---	0.3	m__		
ACN	0.95	211.8	Pg	03:36:47.360	1.0	---		m_e		
ACN	0.95	211.8	Sg	03:36:59.890	1.3	---	62.0	0.19	m_e	
KLL	1.00	200.9	Pg	03:36:48.771	1.4	---		mde		
DREG	1.00	203.9	Pg	03:36:48.515	1.1	---		mde		
HGN	1.01	216.2	Pg	03:36:49.110	1.6	T__		m__	ML	2.2
HGN	1.01	216.2	Sg	03:37:03.320	2.7	---	0.1	m__		
KAST	1.03	110.8	Pg	03:36:49.470	1.4	T__		m__	ML	2.2
KAST	1.03	110.8	Sg	03:37:03.100	1.7	---	0.3	m__		
AHRW	1.05	172.9	Pg	03:36:49.790	1.5	T__		m__	ML	2.4
MEM	1.11	209.5	Pg	03:36:50.651	1.1	---		m_e	ML	2.1
MEM	1.11	209.5	Sg	03:37:05.558	1.6	---		m_e		
OLFT	1.12	194.9	Pg	03:36:50.560	0.8	---		m_e		
OLFT	1.12	194.9	Sg	03:37:05.630	1.4	---		m_e		
BHE	1.24	170.9	Pg	03:36:52.680	0.7	---		m_e		
BHE	1.24	170.9	Sg	03:37:09.470	1.4	---	20.9	0.28	m_e	
KOE	1.28	154.6	Pg	03:36:53.263	0.7	---		m_e		

HILG	1.29	185.5	Pg	03:36:53.904	0.9	---													m_e
BGG	1.41	167.8	Pg	03:36:55.203	0.2	---													m_e
LOH	1.41	188.8	Pg	03:36:55.440	0.2	---													m_e
LOH	1.41	188.8	Sg	03:37:13.820	0.3	---					27.7	0.25							m_e
TNS	1.68	143.2	Pn	03:36:59.920	1.9	---													m_e ML 2.3
RCHB	1.76	216.7	Sg	03:37:24.952	0.4	---													m_e ML 2.1

Event 1044895 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/06	03:36:32.40	0.20	0.11	51.5920	6.8770				1.0f			11	257			m i ki	GDRNW	1044905

(Felt.)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GDRNW	1044905

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HES	0.25	155.4	Pg	03:36:37.630	0.6					T__					m_e
HES	0.25	155.4	Sg	03:36:41.240	1.0					T__		148.1	0.38	m_e	
ENTS	0.48	136.3	Pg	03:36:42.280	0.8					T__				m_e	
ENTS	0.48	136.3	Sg	03:36:48.940	1.2					T__				m_e	
PLH	0.59	183.5	Pg	03:36:44.000	0.5					T__				m_e	
PLH	0.59	183.5	Sg	03:36:52.360	1.2					T__				m_e	
SORT	0.72	109.1	Pg	03:36:46.730	0.7					T__				m_e	
SORT	0.72	109.1	Sg	03:36:56.540	1.2					T__		38.9	0.50	m_e	
WBS	0.83	161.9	Pg	03:36:48.550	0.6					T__				m_e	
WBS	0.83	161.9	Sg	03:36:59.950	1.3					T__		39.4	0.25	m_e	
GSH	0.91	200.2	Pg	03:36:49.920	0.3					T__				m_e	
GSH	0.91	200.2	Sg	03:37:02.450	1.1					T__		48.6	0.18	m_e	
ACN	0.96	211.6	Pg	03:36:50.890	0.5					T__				m_e	
ACN	0.96	211.6	Sg	03:37:03.800	1.0					T__		95.1	0.21	m_e	
OLFT	1.14	194.8	Pg	03:36:54.110	0.3					T__				m_e	
OLFT	1.14	194.8	Sg	03:37:09.530	1.1					T__				m_e	
BHE	1.25	171.1	Pg	03:36:56.360	0.3					T__				m_e	
BHE	1.25	171.1	Sg	03:37:13.170	0.9					T__		21.4	0.19	m_e	
LOH	1.43	188.8	Pg	03:36:58.880	-0.4					T__				m_e	
LOH	1.43	188.8	Sg	03:37:17.630	-0.1					T__		53.4	0.24	m_e	

Event 80807002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/07	02:59:20.70	0.25	0.57	51.5262	6.8267	4.2	3.5	035	1.0f		39	17	267			m i sr	LDG	80807042
2018/08/07	02:59:20.50	0.43	0.21	51.5690	6.9180				1.0f			7	310	0.22	1.39	m i ki	BNS	80807032
2018/08/07	02:59:19.60	0.20	0.11	51.6050	6.8740				1.0f			11	259			m i ki	GDRNW	80807022
2018/08/07	02:59:21.87	0.31	1.63	51.5310	6.9180	6.7	5.6	135	1.0f		14	9	076	0.24	1.93	m i ki	BGR	80807012
2018/08/07	02:59:19.54		0.93	51.5900	6.8610				3.0	3.8	26	15	069	0.02	1.69	m i ki	BUG	80807002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	14 LDG	80807042

ML	1.7		BNS	80807032
ML	1.7		GDNRW	80807022
ML	1.9	0.3	8 BGR	80807012
MD	2.9	0.9	11 BUG	80807002
ML	2.3	0.1	7 BUG	80807002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.02	282.0	Pg	02:59:20.570	0.4					T__				m__	ML	1.9
ZER1	0.02	282.0	Sg	02:59:21.070	0.4					T__		19.8		m__		
ZER3	0.03	328.4	Pg	02:59:20.630	0.4					T__				m__	ML	1.8
ZER3	0.03	328.4	Sg	02:59:21.210	0.5					T__		19.3		m__		
BAVS	0.20	56.9	Pg	02:59:24.480	1.1					T__				m__		
BAVS	0.20	56.9	Sg	02:59:28.260	2.3					T__		2.6		m__		
BAVN	0.22	47.5	Pg	02:59:24.970	1.3					T__				m__	ML	2.3
BAVN	0.22	47.5	Sg	02:59:29.070	2.5					T__		2.3		m__		
LAUG	0.24	167.8	Pg	02:59:24.933	0.8					---				m_e		
HES	0.25	153.1	Pg	02:59:25.000	0.7					---				m_e		
HES	0.25	153.1	Sg	02:59:29.010	1.5					---		71.3	0.36	m_e		
BULI	0.28	118.5	Pg	02:59:26.010	1.1					T__				m__	ML	1.9
BPFI	0.29	126.8	Pg	02:59:26.060	1.1					T__				m__	ML	1.8
BPFI	0.29	126.8	Sg	02:59:29.730	1.1					T__		0.4		m__		
BUG	0.29	120.3	Pg	02:59:26.100	1.0					T__				m__	ML	1.8
BUG	0.29	120.3	Sg	02:59:30.500	1.6					T__		0.4		m__		
BKLB	0.30	120.4	Pg	02:59:26.090	1.0					T__				m__		
BTEZ	0.30	118.3	Pg	02:59:27.000	1.9					T__				m__	ML	1.8
WTSE	0.38	354.2	Pg	02:59:27.843	1.2					---				m_e	ML	1.9
ENTS	0.49	135.3	Pg	02:59:29.540	0.8					---				m_e		
ENTS	0.49	135.3	Sg	02:59:36.630	1.5					---				m_e		
PLH	0.59	182.6	Pg	02:59:31.430	0.8					---				m_e		
PLH	0.59	182.6	Sg	02:59:39.770	1.6					---				m_e		
OPLO	0.61	272.1	Sg	02:59:46.555	7.5					---				m_e	ML	2.6
HOBG	0.67	153.8	Pg	02:59:32.920	0.7					---				m_e		
SORT	0.73	108.7	Pg	02:59:34.020	0.7					---				m_e		
SORT	0.73	108.7	Sg	02:59:43.950	1.1					---		16.1	0.43	m_e		
WBS	0.83	161.2	Pg	02:59:35.790	0.7					---				m_e		
WBS	0.83	161.2	Sg	02:59:47.280	1.4					---		13.5	0.30	m_e		
IBBN	0.91	37.3	Pg	02:59:38.770	2.2					T__				m__	ML	2.0
IBBN	0.91	37.3	Sg	02:59:52.840	4.5					T__		0.1		m__		
GSH	0.91	199.6	Pg	02:59:37.530	0.9					---				m_e		
GSH	0.91	199.6	Sg	02:59:50.020	1.7					---		21.0	0.18	m_e		
IBBE	0.91	38.7	Pg	02:59:39.070	2.3					T__				m__	ML	2.2
IBBE	0.91	38.7	Sg	02:59:52.050	3.5					T__		0.2		m__		
ACN	0.95	211.2	Pg	02:59:38.730	1.3					---				m_e		
ACN	0.95	211.2	Sg	02:59:51.410	1.7					---		44.3	0.15	m_e		
KLL	1.00	200.3	Pg	02:59:39.357	0.9					---				m_e		
KLL	1.00	200.3	Sg	02:59:53.303	1.8					---		15.8	0.12	m_e		
DREG	1.01	203.3	Pg	02:59:39.237	0.7					---				m_e		
HGN	1.01	215.6	Pg	02:59:39.910	1.3					T__				m__	ML	1.9
HGN	1.01	215.6	Sg	02:59:54.070	2.4					T__		0.1		m__		
KAST	1.04	111.1	Pg	02:59:40.090	0.9					T__				m__	ML	2.0
KAST	1.04	111.1	Sg	02:59:54.750	2.0					T__				m__		
AHRW	1.06	172.6	Pg	02:59:40.420	0.9					T__				m__	ML	2.2
AHRW	1.06	172.6	Sg	02:59:55.100	1.9					T__		0.1		m__		
MEM	1.12	208.9	Pg	02:59:41.007	0.4					---				m_e	ML	1.8

MEM	1.12	208.9	Sg	02:59:56.122	1.1	---	m_e
OLFT	1.13	194.4	Pg	02:59:41.720	0.9	---	m_e
OLFT	1.13	194.4	Sg	02:59:57.060	1.6	---	m_e
BHE	1.25	170.7	Pg	02:59:43.530	0.4	---	m_e
BHE	1.25	170.7	Sg	03:00:00.680	1.3	---	m_e
KOE	1.29	154.5	Pg	02:59:43.648	-0.2	---	13.3 0.38 m_e
HILG	1.30	185.1	Pg	02:59:44.482	0.4	---	mde
BGG	1.42	167.6	Pg	02:59:45.793	-0.4	---	m_e
LOH	1.42	188.4	Pg	02:59:46.120	-0.2	---	m_e
LOH	1.42	188.4	Sg	03:00:05.060	0.3	---	17.2 0.59 m_e
TNS	1.69	143.2	Pn	02:59:51.020	1.8	T_	m_
TNS	1.69	143.2	Sg	03:00:12.700	-0.7	---	m_
RCHB	1.77	216.3	Sg	03:00:15.979	0.3	---	m_e ML 1.8
WLF	1.98	193.4	Sg	03:00:22.261	-0.1	---	m_e ML 1.8

Event 80807008 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/07	20:26:13.60	0.24	0.69	51.5388	6.7516	4.0	3.2	009	1.0f		67	24	261			m i sr	LDG	80807048
2018/08/07	20:26:13.20	0.43	0.21	51.5800	6.8860				1.0f			7	310	0.23	1.40	m i ki	BNS	80807038
2018/08/07	20:26:12.50	0.21	0.11	51.6000	6.9090				1.0f			12	188			m i ki	GDNRW	80807028
2018/08/07	20:26:13.72	0.22	1.49	51.5570	6.8620	4.4	3.3	114	1.0f		23	14	080	0.06	2.19	m i ki	BGR	80807018
2018/08/07	20:26:12.91		0.24	51.5780	6.8690				0.5	0.8	28	16	086	0.03	1.68	m i ki	BUG	80807008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.3	23 LDG	80807048
ML	2.0		BNS	80807038
ML	1.9		GDNRW	80807028
ML	2.2	0.3	12 BGR	80807018
MD	2.6	0.2	12 BUG	80807008
ML	2.6	0.2	4 BUG	80807008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER1	0.03	301.6	Pg	20:26:13.300	-0.2					T_				m_ ML	2.2
ZER1	0.03	301.6	Sg	20:26:14.310	0.4					T_		39.9		m_	
ZER3	0.04	331.3	Pg	20:26:13.370	-0.3					T_				m_	
ZER3	0.04	331.3	Sg	20:26:14.590	0.4					T_		25.0		m_	
ZERL	0.04	0.4	Pg	20:26:13.450	-0.3					T_				m_ ML	2.2
ZERL	0.04	0.4	Sg	20:26:14.650	0.4					T_		26.2		m_	
BAVS	0.20	53.3	Pg	20:26:17.210	0.5					T_				m_	
BAVS	0.20	53.3	Sg	20:26:20.930	1.5					T_		5.6		m_	
BAVN	0.22	44.3	Pg	20:26:17.700	0.6					T_				m_ ML	2.3
BAVN	0.22	44.3	Sg	20:26:21.300	1.3					T_		2.7		m_	
LAUG	0.23	168.3	Pg	20:26:17.631	0.4					---				mde	
HES	0.24	152.9	Pg	20:26:17.750	0.4					---				m_e	
HES	0.24	152.9	Sg	20:26:21.360	0.9					---		113.7	0.49	m_e	
BULI	0.27	116.8	Pg	20:26:19.040	1.0					T_				m_ ML	2.2
BULI	0.27	116.8	Sg	20:26:22.990	1.4					T_		1.2		m_	
BPFI	0.27	125.4	Pg	20:26:18.810	0.7					T_				m_ ML	2.1
BPFI	0.27	125.4	Sg	20:26:22.480	0.9					T_		0.9		m_	
BUG	0.28	118.7	Pg	20:26:19.010	0.7					T_				m_ ML	2.1

BUG	0.28	118.7	Sg	20:26:22.970	1.0	T__	0.9	m__		
BKLB	0.28	118.8	Pg	20:26:18.980	0.7	T__		m__		
BTEZ	0.29	116.7	Pg	20:26:19.170	0.9	T__		m__ ML	2.1	
XAN	0.29	287.3	Pg	20:26:18.480	0.1	---		mde		
XAN	0.29	287.3	Sg	20:26:23.020	0.9	---		m_e		
WTSB	0.39	353.7	Pg	20:26:20.567	0.3	---		m_e ML	2.1	
WTSB	0.39	353.7	Sg	20:26:28.257	2.9	---		m_e		
ENTS	0.48	134.7	Pg	20:26:22.250	0.4	---		m_e		
ENTS	0.48	134.7	Sg	20:26:28.850	0.8	---		m_e		
PLH	0.57	183.1	Pg	20:26:24.190	0.4	---		m_e		
PLH	0.57	183.1	Sg	20:26:32.590	1.4	---		m_e		
OPLO	0.62	273.2	Sg	20:26:37.334	4.7	---		m_e ML	2.9	
HOBG	0.66	153.8	Pg	20:26:26.032	0.7	---		mde		
SORT	0.72	108.0	Pg	20:26:26.250	-0.3	---		m_e		
SORT	0.72	108.0	Sg	20:26:36.280	0.4	---		m_e	31.7	0.43
WBS	0.81	161.3	Pg	20:26:28.460	0.2	---		m_e		
WBS	0.81	161.3	Sg	20:26:39.970	1.2	---		m_e	37.4	0.43
GSH	0.90	200.2	Pg	20:26:30.260	0.5	---		m_e		
GSH	0.90	200.2	Sg	20:26:43.070	1.7	---		m_e	38.2	0.41
IBBN	0.91	36.6	Pg	20:26:30.240	0.2	T__		m__ ML	2.2	
IBBN	0.91	36.6	Sg	20:26:44.280	2.4	T__	0.2	m__		
IBBE	0.92	38.0	Pg	20:26:30.360	0.1	T__		m__		
IBBE	0.92	38.0	Sg	20:26:44.620	2.5	T__	0.3	m__		
ACN	0.94	211.8	Pg	20:26:31.350	0.7	---		m_e		
ACN	0.94	211.8	Sg	20:26:44.460	1.6	---	68.1	0.18	m_e	
KLL	0.99	200.8	Pg	20:26:31.786	0.1	---		m_e		
KLL	0.99	200.8	Sg	20:26:46.057	1.5	---	41.1	0.31	m_e	
DREG	1.00	203.8	Pg	20:26:32.132	0.4	---		m_e		
HGN	1.00	216.2	Pg	20:26:32.480	0.6	T__		m__ ML	2.1	
HGN	1.00	216.2	Sg	20:26:45.820	1.0	---	0.1	m__		
KAST	1.04	110.6	Pg	20:26:32.850	0.4	T__		m__ ML	2.5	
KAST	1.04	110.6	Sg	20:26:47.090	1.3	---	0.3	m__		
AHRW	1.05	172.8	Pg	20:26:33.620	1.0	T__		m__ ML	2.4	
AHRW	1.05	172.8	Sg	20:26:47.570	1.5	T__	0.2	m__		
MEM	1.11	209.4	Pg	20:26:33.904	0.1	---		m_e ML	2.1	
MEM	1.11	209.4	Sg	20:26:48.880	0.7	---		m_e		
OLFT	1.12	194.8	Pg	20:26:34.340	0.3	---		m_e		
OLFT	1.12	194.8	Sg	20:26:50.110	1.6	---		m_e		
BHE	1.24	170.8	Pg	20:26:36.370	0.1	---		m_e		
BHE	1.24	170.8	Sg	20:26:53.390	1.1	---	19.9	0.42	m_e	
KOE	1.27	154.4	Pg	20:26:36.505	-0.4	---		m_e		
HILG	1.29	185.4	Pg	20:26:37.310	0.1	---		m_e		
BGG	1.40	167.7	Pg	20:26:38.576	-0.8	---		m_e		
LOH	1.41	188.7	Pg	20:26:39.210	-0.3	---		m_e		
LOH	1.41	188.7	Sg	20:26:57.820	0.1	---	28.1	0.26	m_e	
TNS	1.68	143.1	Pn	20:26:43.670	1.0	T__		m__ ML	2.3	
TNS	1.68	143.1	Sg	20:27:07.100	0.8	T__	0.1	m__		
RCHB	1.76	216.7	Pg	20:26:44.875	-1.2	---		m_e ML	2.1	
RCHB	1.76	216.7	Sg	20:27:06.555	-2.2	---		m_e		
GTTG	1.92	89.8	Pg	20:26:51.673	2.5	---		m_e ML	2.5	
WLF	1.97	193.6	Pg	20:26:49.532	-0.4	---		m_e ML	2.1	
WLF	1.97	193.6	Sg	20:27:15.607	0.2	---		m_e		
CLZ	2.19	81.7	Sg	20:27:23.456	1.1	---		m_e ML	2.2	

Event 80808008 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/08	18:39:58.18	0.44	1.30	50.0720	18.4170	6.7	5.6	022	1.0f		23	15	140	0.29	5.36	m i ki	BGR	80808018

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	14 BGR	80808018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.29	216.6	Pg	18:40:04.037	0.4					T__				m_e	ML 2.1
OKC	0.29	216.6	Sg	18:40:08.807	1.4					T__				m_e	
MORC	0.64	242.7	Pg	18:40:10.131	-0.0					T__				m_e	ML 3.0
MORC	0.64	242.7	Sg	18:40:19.938	1.6					T__				m_e	
OJC	0.90	80.0	Pg	18:40:14.190	-0.9					T__				m_e	
DPC	1.37	282.5	Pg	18:40:23.787	-0.2					T__				m_e	ML 3.7
DPC	1.37	282.5	Sg	18:40:43.001	1.3					T__				m_e	
KSP	1.56	300.5	Pn	18:40:26.070	-0.2					T__				m_e	ML 2.5
KSP	1.56	300.5	Sg	18:40:48.358	0.7					T__				m_e	
BRG	2.96	287.4	Pn	18:40:47.037	1.8					T__				m_e	ML 2.9
BRG	2.96	287.4	Sg	18:41:31.698	-0.4					T__				m_e	
GEC2	3.30	250.0	Sg	18:41:41.038	-2.0					T__				m_e	ML 3.2
FBE	3.33	286.7	Pn	18:40:49.764	-0.5					T__				m_e	ML 3.0
FBE	3.33	286.7	Sg	18:41:44.070	0.1					T__				m_e	
CLL	3.64	291.9	Sg	18:41:55.702	1.7					T__				m_e	ML 3.4
WET	3.71	257.6	Pn	18:40:55.577	0.2					T__				m_e	ML 3.4
WET	3.71	257.6	Sg	18:41:55.308	-0.6					T__				m_e	
TANN	3.82	277.4	Pn	18:40:56.662	-0.3					T__				m_e	ML 3.2
TANN	3.82	277.4	Sg	18:41:57.419	-2.2					T__				m_e	
WERD	3.92	277.8	Sg	18:42:01.053	-1.8					T__				m_e	ML 3.3
ROTZ	4.01	268.0	Pn	18:40:58.599	-0.9					T__				m_e	ML 3.3
MOX	4.38	280.1	Sg	18:42:18.391	1.2					T__				m_e	ML 3.2
CLZ	5.36	292.3	Sg	18:42:48.880	0.3					T__				m_e	ML 3.3

Event 80809002 E Salzkammergut/A, Totes Gebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/09	05:29:00.25	0.12	0.44	47.6527	13.7166	0.9	0.8	020	0.0	0.0	47	17	005			m i sr	ZAMG	80809012
2018/08/09	05:29:00.96	1.44	0.86	47.6320	13.7750	14.5	5.6	136	10.0f		10	8	269	1.21	3.33	m i ke	BGR	80809002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	17 ZAMG	80809012
ML	2.4	0.2	8 BGR	80809002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	1.21	357.7	Pg	05:29:23.888	-0.0					T__				m_e	ML 2.1
GEC2	1.21	357.7	Sg	05:29:41.269	1.6					T__				m_e	
WET	1.63	338.8	Pg	05:29:30.320	-1.3					T__				m_e	ML 2.2
WET	1.63	338.8	Sg	05:29:51.621	-1.0					T__				m_e	
FUR	1.76	288.5	Sg	05:29:57.576	0.7					T__				m_e	ML 2.6

PART	1.80	266.6	Sg	05:29:59.074	0.9	T__	m_e	ML	2.0
NORI	2.37	298.6	Sg	05:30:15.562	-0.6	T__	m_e	ML	2.5
UBR	2.47	272.5	Sg	05:30:19.521	0.0	T__	m_e	ML	2.5
MANZ	2.60	335.6	Sg	05:30:23.997	0.5	T__	m_e	ML	2.4
MOX	3.33	335.7	Sg	05:30:46.458	-0.2	T__	m_e	ML	2.5

Event 80809006 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2018/08/09	12:53:10.00	0.60	0.47	51.6569	6.8447	10.4	4.7	178	1.0f		7	1	292			m i sr	LDG	80809046	
2018/08/09	12:53:11.50	0.74	0.41	51.5780	6.8700				1.0f				6	310	0.23	1.40	m i ki	BNS	80809036
2018/08/09	12:53:10.70	0.22	0.11	51.5940	6.8970				1.0f				11	186			m i ki	GDNRW	80809026
2018/08/09	12:53:11.25	0.33	1.25	51.5710	6.8340	5.6	4.4	110	1.0f		20	13	141	0.05	2.21	m i ki	BGR	80809016	
2018/08/09	12:53:10.55		0.15	51.5990	6.8350				2.1	0.8	25	16	135	0.01	1.71	m i ki	BUG	80809006	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.2	2 LDG	80809046
ML	1.8		BNS	80809036
ML	1.8		GDNRW	80809026
ML	1.9	0.2	11 BGR	80809016
MD	2.2	0.1	6 BUG	80809006
ML	2.5	0.2	4 BUG	80809006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.01	234.8	Pg	12:53:11.220	0.3					T__				m__	ML	2.2
ZER1	0.01	234.8	Sg	12:53:11.970	0.8					T__		18.5		m__		
ZER3	0.01	8.8	Pg	12:53:11.300	0.3					T__				m__	ML	1.8
ZER3	0.01	8.8	Sg	12:53:11.970	0.7					T__		12.7		m__		
ZERL	0.03	44.6	Pg	12:53:11.400	0.2					___				m__		
ZERL	0.03	44.6	Sg	12:53:12.430	0.7					T__				m__		
BAVS	0.21	61.3	Pg	12:53:15.210	0.7					T__				m__		
BAVN	0.23	51.9	Pg	12:53:15.660	0.8					T__				m__	ML	2.3
LAUG	0.26	164.6	Pg	12:53:15.462	0.1					___				m_e		
XAN	0.26	284.2	Sg	12:53:20.900	2.0					___				m_e		
HES	0.27	150.9	Pg	12:53:15.850	0.3					___				m_e		
HES	0.27	150.9	Sg	12:53:19.570	0.6					___		53.3	0.54	m_e		
BULI	0.30	118.5	Pg	12:53:17.550	1.3					T__				m__		
BULI	0.30	118.5	Sg	12:53:21.050	0.9					T__				m__		
BPFI	0.30	126.3	Pg	12:53:17.220	0.9					T__				m__	ML	1.9
BPFI	0.30	126.3	Sg	12:53:20.870	0.7					___		0.5		m__		
BUG	0.31	120.2	Pg	12:53:17.370	0.9					T__				m__	ML	1.9
BUG	0.31	120.2	Sg	12:53:21.440	0.9					T__		0.4		m__		
BKLB	0.31	120.3	Pg	12:53:17.360	0.9					T__				m__		
BTEZ	0.31	118.3	Pg	12:53:17.780	1.3					T__				m__		
WTSB	0.37	356.5	Pg	12:53:18.609	1.1					___				m_e	ML	1.8
ENTS	0.51	134.7	Pg	12:53:20.360	0.3					___				m_e		
ENTS	0.51	134.7	Sg	12:53:27.110	0.4					___				m_e		
PLH	0.60	180.9	Pg	12:53:22.590	0.8					___				m_e		
PLH	0.60	180.9	Sg	12:53:30.410	0.9					___				m_e		
HOBG	0.69	152.9	Pg	12:53:24.560	1.0					___				m_e		
SORT	0.75	109.0	Pg	12:53:24.610	-0.1					___				m_e		

SORT	0.75	109.0	Sg	12:53:34.470	0.1	---	25.1	0.41	m_e									
WBS	0.84	160.3	Pg	12:53:26.930	0.5	---			m_e									
WBS	0.84	160.3	Sg	12:53:37.800	0.5	---	30.3	0.29	m_e									
IBBN	0.91	38.5	Pg	12:53:29.418	1.7	---			m_e	ML								2.0
IBBN	0.91	38.5	Sg	12:53:42.120	2.7	T_			m_									
GSH	0.91	198.5	Pg	12:53:28.550	0.9	---			m_e									
GSH	0.91	198.5	Sg	12:53:41.000	1.6	---	33.7	0.37	m_e									
IBBE	0.92	39.8	Pg	12:53:28.310	0.5	T_			m_	ML								2.2
IBBE	0.92	39.8	Sg	12:53:42.410	2.7	T_		0.2	m_									
KLL	1.01	199.2	Pg	12:53:30.246	0.7	---			m_e									
KLL	1.01	199.2	Sg	12:53:44.272	1.7	---	29.0	0.37	m_e									
HGN	1.01	214.5	Pg	12:53:30.410	0.8	T_			m_									
HGN	1.01	214.5	Sg	12:53:44.320	1.7	T_			m_									
DREG	1.01	202.2	Pg	12:53:30.152	0.6	---			m_e									
KAST	1.06	111.3	Pn	12:53:31.500	-0.3	T_			m_	ML								2.3
KAST	1.06	111.3	Pg	12:53:30.890	0.3	T_			m_									
KAST	1.06	111.3	Sg	12:53:46.040	1.7	T_		0.2	m_									
AHRW	1.07	171.8	Pg	12:53:31.780	1.1	T_			m_	ML								1.8
AHRW	1.07	171.8	Sg	12:53:47.310	2.8	T_			m_									
MEM	1.12	207.9	Pg	12:53:31.907	0.3	---			m_e	ML								1.8
MEM	1.12	207.9	Sg	12:53:46.767	0.7	---			m_e									
OLFT	1.14	193.4	Pg	12:53:32.580	0.6	---			m_e									
OLFT	1.14	193.4	Sg	12:53:48.040	1.4	---			m_e									
BHE	1.26	170.0	Sg	12:53:51.280	0.5	---	24.2	0.34	m_e									
KOE	1.30	154.0	Pg	12:53:35.174	0.1	---			m_e									
BGG	1.43	167.0	Pg	12:53:37.164	-0.3	---			m_e									
LOH	1.43	187.7	Pg	12:53:37.480	-0.0	---			m_e									
LOH	1.43	187.7	Sg	12:53:55.950	-0.0	---	19.8	0.22	m_e									
TNS	1.71	142.9	Pg	12:53:42.300	-0.5	---			m_	ML								1.8
TNS	1.71	142.9	Sg	12:54:04.200	-0.7	T_			m_									
RCHB	1.76	215.7	Sg	12:54:06.754	0.2	---			m_e	ML								1.9
WLF	1.98	192.9	Sg	12:54:11.728	-1.8	---			m_e	ML								1.9
UBBA	2.13	110.2	Sg	12:54:16.503	-1.8	---			m_e	ML								1.8
CLZ	2.20	82.3	Sg	12:54:21.229	0.6	---			m_e	ML								2.0

Event 80809009 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/09	19:31:25.00	0.24	0.63	51.4096	6.9384	3.9	3.7	043	1.0f		61	20	266			m i sr	LDG	80809049
2018/08/09	19:31:23.10	0.51	0.31	51.5910	6.8780				1.0f			6	311	0.24	1.41	m i ki	BNS	80809039
2018/08/09	19:31:22.90	0.23	0.11	51.5940	6.8930				1.0f			11	185			m i ki	GDNRW	80809029
2018/08/09	19:31:23.30	0.36	0.71	51.5960	6.8190	4.4	3.3	125	1.0f		18	11	142	0.04	1.98	m i ki	BGR	80809019
2018/08/09	19:31:22.15		0.33	51.5790	6.8700				4.0	1.9	22	14	084	0.03	1.68	m i ki	BUG	80809009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.3	21 LDG	80809049
ML	1.9		BNS	80809039
ML	1.8		GDNRW	80809029
ML	1.9	0.1	8 BGR	80809019
MD	2.4	0.4	12 BUG	80809009
ML	2.5	0.3	4 BUG	80809009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.03	299.5	Pg	19:31:23.460	0.4					T__				m__	ML	2.0
ZER1	0.03	299.5	Sg	19:31:24.480	0.8					T__		26.1		m__		
ZER3	0.04	329.8	Pg	19:31:23.530	0.4					T__				m__	ML	2.0
ZER3	0.04	329.8	Sg	19:31:24.730	0.9					T__		20.4		m__		
ZERL	0.04	359.6	Pg	19:31:23.610	0.4					T__				m__	ML	2.0
ZERL	0.04	359.6	Sg	19:31:25.010	1.1					T__		18.5		m__		
BAVS	0.20	53.4	Pg	19:31:27.300	1.3					T__				m__		
BAVS	0.20	53.4	Sg	19:31:31.090	2.4					T__		3.6		m__		
BAVN	0.22	44.4	Pg	19:31:27.840	1.4					T__				m__	ML	2.4
BAVN	0.22	44.4	Sg	19:31:31.980	2.7					T__		2.9		m__		
LAUG	0.23	168.5	Pg	19:31:27.814	1.2					___				m_e		
HES	0.24	153.1	Pg	19:31:28.120	1.4					___				m_e		
HES	0.24	153.1	Sg	19:31:31.850	2.1					___		87.3	0.43	m_e		
BULI	0.27	117.0	Pg	19:31:29.130	1.8					T__				m__	ML	2.0
BULI	0.27	117.0	Sg	19:31:33.490	2.6					T__		0.7		m__		
BPFI	0.27	125.7	Pg	19:31:29.000	1.6					T__				m__	ML	1.9
BPFI	0.27	125.7	Sg	19:31:32.850	1.9					T__		0.6		m__		
BUG	0.28	119.0	Pg	19:31:29.080	1.5					T__				m__	ML	1.9
BUG	0.28	119.0	Sg	19:31:33.430	2.2					T__		0.5		m__		
BKLB	0.28	119.0	Pg	19:31:29.170	1.6					T__				m__		
BTEZ	0.29	116.9	Pg	19:31:29.220	1.6					T__				m__	ML	1.9
XAN	0.29	287.1	Pg	19:31:28.670	1.0					___				m_e		
XAN	0.29	287.1	Sg	19:31:33.170	1.8					___				m_e		
WTSB	0.39	353.5	Pg	19:31:30.714	1.2					___				m_e	ML	1.8
ENTS	0.48	134.8	Pg	19:31:32.580	1.4					___				m_e		
ENTS	0.48	134.8	Sg	19:31:39.190	1.8					___				m_e		
PLH	0.58	183.2	Pg	19:31:34.750	1.7					___				m_e		
PLH	0.58	183.2	Sg	19:31:42.680	2.2					___				m_e		
HOBG	0.66	153.8	Pg	19:31:36.384	1.7					___				m_e		
SORT	0.72	108.0	Pg	19:31:37.020	1.2					___				m_e		
SORT	0.72	108.0	Sg	19:31:46.970	1.8					___		26.4	0.42	m_e		
WBS	0.82	161.3	Pg	19:31:38.890	1.4					___				m_e		
WBS	0.82	161.3	Sg	19:31:50.080	2.0					___		26.3	0.20	m_e		
GSH	0.90	200.2	Pg	19:31:40.690	1.6					___				m_e		
GSH	0.90	200.2	Sg	19:31:53.280	2.6					___		39.4	0.17	m_e		
IBBE	0.92	38.0	Pg	19:31:41.960	2.5					T__				m__	ML	2.4
KLL	1.00	200.8	Pg	19:31:41.991	1.1					___				m_e		
KLL	1.00	200.8	Sg	19:31:56.232	2.4					___		38.4	0.23	m_e		
DREG	1.00	203.8	Pg	19:31:42.439	1.4					___				m_e		
HGN	1.01	216.2	Pg	19:31:42.820	1.7					___				m__	ML	2.1
HGN	1.01	216.2	Sg	19:31:56.410	2.3					T__		0.1		m__		
KAST	1.04	110.7	Pg	19:31:43.050	1.4					___				m__	ML	2.4
KAST	1.04	110.7	Sg	19:31:56.890	1.8					T__		0.2		m__		
AHRW	1.05	172.8	Pg	19:31:43.600	1.7					___				m__	ML	2.3
AHRW	1.05	172.8	Sg	19:31:57.270	1.9					T__		0.2		m__		
MEM	1.11	209.5	Pg	19:31:44.312	1.2					___				m_e	ML	2.0
MEM	1.11	209.5	Sg	19:31:59.028	1.6					___				m_e		
OLFT	1.12	194.8	Pg	19:31:44.760	1.5					___				m_e		
OLFT	1.12	194.8	Sg	19:32:00.230	2.4					___				m_e		
BHE	1.24	170.8	Pg	19:31:46.810	1.3					___				m_e		
BHE	1.24	170.8	Sg	19:32:03.640	2.0					___		21.0	0.36	m_e		
KOE	1.27	154.5	Pg	19:31:46.364	0.2					___				m_e		

BGG	1.40	167.7	Pg	19:31:49.055	0.4	---												m_e
LOH	1.41	188.7	Pg	19:31:49.350	0.6	---												m_e
LOH	1.41	188.7	Sg	19:32:08.180	1.1	---					27.8	0.31						m_e
TNS	1.68	143.1	Pg	19:31:53.900	0.0	---												m__ ML 2.2
TNS	1.68	143.1	Sg	19:32:15.600	0.0	---					0.1							m__
RCHB	1.76	216.7	Sg	19:32:18.968	0.9	---												m_e ML 2.0
WLF	1.97	193.7	Pg	19:32:00.312	1.1	---												m_e ML 2.0
WLF	1.97	193.7	Sg	19:32:24.695	0.0	---												m_e

Event 80811001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/11	01:41:15.80	0.21	0.58	51.6359	6.7736	3.8	3.0	065	2.0	0.0	63	23	287			m i ke	LDG	80811041
2018/08/11	01:41:15.20	0.55	0.31	51.5930	6.8720				1.0f			8	290	0.25	1.42	m i ki	BNS	80811031
2018/08/11	01:41:15.20	0.24	0.11	51.5780	6.8860				1.0f			12	181			m i ki	GDNRW	80811021
2018/08/11	01:41:15.32	0.35	0.67	51.6350	6.8060	4.4	3.3	084	1.0f		17	10	153	0.04	1.14	m i ki	BGR	80811011
2018/08/11	01:41:14.98		0.14	51.5760	6.8360				1.5	0.3	25	15	126	0.02	1.69	m i ki	BUG	80811001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.3	23 LDG	80811041
ML	2.0		BNS	80811031
ML	1.9		GDNRW	80811021
ML	2.1	0.1	6 BGR	80811011
MD	2.5	0.2	13 BUG	80811001
ML	2.7	0.2	5 BUG	80811001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER1	0.02	340.3	Pg	01:41:15.770	0.3					T__				m__ ML	2.1
ZER1	0.02	340.3	Sg	01:41:16.800	1.1					T__		30.3		m__	
ZER3	0.04	2.3	Pg	01:41:15.830	0.1					T__				m__ ML	2.0
ZER3	0.04	2.3	Sg	01:41:16.990	0.8					T__		22.9		m__	
ZERL	0.05	25.0	Pg	01:41:15.930	-0.0					T__				m__ ML	2.2
ZERL	0.05	25.0	Sg	01:41:17.010	0.4					T__		22.1		m__	
BAVS	0.22	56.0	Pg	01:41:19.650	0.5					T__				m__	
BAVS	0.22	56.0	Sg	01:41:23.540	1.5					T__		4.6		m__	
LAUG	0.23	163.3	Pg	01:41:19.890	0.5					---				m_e	
BAVN	0.24	47.5	Pg	01:41:20.200	0.7					T__				m__ ML	2.5
BAVN	0.24	47.5	Sg	01:41:23.980	1.4					T__		3.3		m__	
HES	0.25	148.4	Pg	01:41:20.300	0.7					---				m_e	
HES	0.25	148.4	Sg	01:41:23.500	0.7					---		126.3	0.42	m_e	
XAN	0.27	288.9	Pg	01:41:20.960	0.9					---				mdi	
XAN	0.27	288.9	Sg	01:41:25.460	1.9					---				m_e	
BPFI	0.29	122.7	Pg	01:41:21.240	0.8					T__				m__ ML	2.1
BPFI	0.29	122.7	Sg	01:41:25.190	1.0					---		0.8		m__	
BULI	0.29	114.6	Pg	01:41:21.390	0.9					T__				m__ ML	2.2
BULI	0.29	114.6	Sg	01:41:25.860	1.6					T__		1.0		m__	
BUG	0.30	116.5	Pg	01:41:21.490	0.8					T__				m__ ML	2.0
BUG	0.30	116.5	Sg	01:41:25.930	1.4					T__		0.7		m__	
BKLB	0.30	116.6	Pg	01:41:21.480	0.8					T__				m__	
BTEZ	0.30	114.6	Pg	01:41:21.940	1.2					T__				m__ ML	2.1
WTSB	0.39	356.6	Pg	01:41:23.082	0.7					---				m_e ML	1.9

WTSB	0.39	356.6	Sg	01:41:24.573	-2.8	---												m_e	
ENTS	0.49	132.8	Pg	01:41:24.620	0.4	---												m_e	
ENTS	0.49	132.8	Sg	01:41:31.430	0.9	---												m_e	
PLH	0.57	181.0	Pg	01:41:26.700	0.9	---												m_e	
PLH	0.57	181.0	Sg	01:41:34.380	1.2	---												m_e	
RODG	0.59	223.8	Pg	01:41:27.390	1.2	---												m_e	
HOBG	0.67	152.1	Pg	01:41:28.313	0.7	---												m_e	
SORT	0.74	107.3	Pg	01:41:29.110	0.1	---												m_e	
SORT	0.74	107.3	Sg	01:41:39.080	0.5	---					39.4	0.34						m_e	
WBS	0.82	159.8	Pg	01:41:30.950	0.5	---												m_e	
WBS	0.82	159.8	Sg	01:41:42.190	1.2	---					23.7	0.28						m_e	
GSH	0.89	199.0	Pg	01:41:32.760	1.0	---												m_e	
GSH	0.89	199.0	Sg	01:41:44.810	1.6	---					37.4	0.47						m_e	
IBBN	0.93	37.6	Pg	01:41:32.710	0.3	T_												m__ ML	2.3
IBBN	0.93	37.6	Sg	01:41:47.090	2.7	T_					0.2							m__	
ACN	0.93	210.8	Pg	01:41:33.440	0.9	---												m_e	
ACN	0.93	210.8	Sg	01:41:46.440	1.9	---					58.2	0.25						m_e	
IBBE	0.93	38.8	Pg	01:41:32.980	0.4	T_												m__ ML	2.5
IBBE	0.93	38.8	Sg	01:41:47.330	2.7	T_					0.3							m__	
KLL	0.99	199.7	Pg	01:41:34.197	0.6	---												m_e	
KLL	0.99	199.7	Sg	01:41:48.388	2.1	---					34.8	0.21						m_e	
DREG	0.99	202.8	Pg	01:41:34.543	0.9	---												m_e	
HGN	0.99	215.3	Pg	01:41:34.810	1.2	T_												m__ ML	2.2
HGN	0.99	215.3	Sg	01:41:48.390	1.9	T_					0.1							m__	
AHRW	1.05	171.6	Pg	01:41:35.735	1.0	---												m_e ML	2.0
AHRW	1.05	171.6	Sg	01:41:51.309	3.1	---												m_e	
KAST	1.05	110.1	Pg	01:41:35.350	0.5	T_												m__ ML	2.4
KAST	1.05	110.1	Sg	01:41:49.570	1.1	---					0.2							m__	
MEM	1.10	208.5	Pg	01:41:36.597	0.9	---												m_e ML	2.2
MEM	1.10	208.5	Sg	01:41:51.693	1.9	---												m_e	
OLFT	1.11	193.7	Pg	01:41:36.690	0.7	---												m_e	
OLFT	1.11	193.7	Sg	01:41:52.070	1.7	---												m_e	
BHE	1.24	169.8	Pg	01:41:38.740	0.4	---												m_e	
BHE	1.24	169.8	Sg	01:41:55.250	0.8	---					22.0	0.42						m_e	
KOE	1.28	153.6	Pg	01:41:38.697	-0.4	---												m_e	
HILG	1.29	184.5	Pg	01:41:39.620	0.4	---												m_e	
BGG	1.41	166.8	Pg	01:41:41.235	-0.2	---												m_e	
LOH	1.41	187.9	Pg	01:41:41.490	0.0	---												m_e	
LOH	1.41	187.9	Sg	01:41:59.930	0.3	---					30.7	0.56						m_e	
TNS	1.69	142.5	Pn	01:41:46.130	1.3	T_												m__ ML	2.3

Event 80811006 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/11	03:26:58.90	0.14	0.65	46.1927	12.8597	3.6	2.7	178	11.0f		53	29	106			m i ke	LDG	80811026
2018/08/11	03:26:59.10	0.19	3.39	46.3420	13.0268	1.4	1.2	023	12.0	0.0	28	6	003			m i uk	ZAMG	80811016
2018/08/11	03:27:02.37	0.29	1.41	46.3700	13.0640	5.6	3.3	000	10.0f		60	26	204	0.73	4.92	m i ke	BGR	80811006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.3	13 LDG	80811026
ML	3.1	0.4	21 ZAMG	80811016

ML 3.0 0.4 21 BGR 80811006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.73	15.1	Pg	03:27:14.440	-1.9					T__				m_e	ML 2.8
KBA	0.73	15.1	Sg	03:27:24.959	-0.9					T__				m_e	
OBKA	1.03	81.7	Pg	03:27:19.087	-2.8					T__				m_e	ML 2.3
OBKA	1.03	81.7	Sg	03:27:35.407	0.1					T__				m_e	
WTTA	1.32	313.0	Pn	03:27:24.759	-1.4					T__				m_e	ML 3.0
WTTA	1.32	313.0	Pg	03:27:26.548	-0.8					T__				m_e	
WTTA	1.32	313.0	Sg	03:27:42.414	-2.1					T__				m_e	
RJOB	1.38	352.5	Pn	03:27:25.846	-1.1					T__				m_e	ML 2.7
RJOB	1.38	352.5	Sg	03:27:45.774	-0.5					T__				m_e	
MOA	1.69	28.5	Pn	03:27:31.907	0.7					T__				m_e	ML 2.4
MOA	1.69	28.5	Sg	03:27:56.459	0.3					T__				m_e	
KW1	1.78	349.9	Pg	03:27:35.299	-0.7					T__				m_e	ML 2.6
KW1	1.78	349.9	Sg	03:27:58.463	-0.5					T__				m_e	
ARSA	1.90	61.5	Pn	03:27:33.745	-0.3					T__				m_e	ML 2.2
ARSA	1.90	61.5	Pg	03:27:38.349	0.1					T__				m_e	
ARSA	1.90	61.5	Sg	03:28:02.247	-0.5					T__				m_e	
BE1	1.99	321.5	Pn	03:27:35.926	0.7					T__				m_e	ML 3.0
BE1	1.99	321.5	Sg	03:28:05.386	-0.1					T__				m_e	
FUR	2.17	326.6	Pn	03:27:38.259	0.6					T__				m_e	ML 3.2
FUR	2.17	326.6	Sg	03:28:10.612	-0.6					T__				m_e	
DAVA	2.36	294.0	Pn	03:27:41.152	0.9					T__				m_e	ML 3.2
DAVA	2.36	294.0	Sg	03:28:15.294	-2.2					T__				m_e	
UBR	2.40	304.1	Pn	03:27:41.495	0.7					T__				m_e	ML 3.3
UBR	2.40	304.1	Sg	03:28:17.798	-1.0					T__				m_e	
GEC2	2.51	9.6	Pn	03:27:42.209	-0.1					T__				m_e	ML 2.9
GEC2	2.51	9.6	Sg	03:28:20.911	-1.3					T__				m_e	
PLONS	2.61	286.4	Pn	03:27:44.587	0.9					T__				m_e	
WET	2.78	357.5	Pn	03:27:45.764	-0.1					T__				m_e	ML 2.9
WET	2.78	357.5	Sn	03:28:19.317	2.1					T__				m_e	
WET	2.78	357.5	Sg	03:28:29.328	-1.3					T__				m_e	
NORI	2.87	325.9	Pn	03:27:47.457	0.3					T__				m_e	ML 3.1
NORI	2.87	325.9	Sn	03:28:22.254	2.8					T__				m_e	
NORI	2.87	325.9	Sg	03:28:31.587	-2.0					T__				m_e	
WALHA	3.02	298.7	Pn	03:27:49.370	0.2					T__				m_e	ML 3.0
WALHA	3.02	298.7	Sg	03:28:37.037	-1.3					T__				m_e	
WILA	3.03	291.7	Pn	03:27:50.081	0.8					T__				m_e	ML 3.2
WILA	3.03	291.7	Sg	03:28:37.936	-0.6					T__				m_e	
EMING	3.25	299.5	Pn	03:27:52.458	0.2					T__				m_e	
EMING	3.25	299.5	Sn	03:28:30.128	1.8					T__				m_e	
SLE	3.41	295.8	Pn	03:27:54.364	-0.1					T__				m_e	
SLE	3.41	295.8	Pg	03:28:03.626	-3.1					T__				m_e	
SLE	3.41	295.8	Sg	03:28:49.450	-1.3					T__				m_e	
ROTZ	3.44	350.7	Pn	03:27:54.222	-0.7					T__				m_e	
ROTZ	3.44	350.7	Sn	03:28:34.202	1.2					T__				m_e	
GRA1	3.54	340.3	Pn	03:27:56.030	-0.3					T__				m_e	ML 3.5
GRA1	3.54	340.3	Pg	03:28:08.707	-0.4					T__				m_e	
GRA1	3.54	340.3	Sn	03:28:37.589	2.3					T__				m_e	
GRA1	3.54	340.3	Sg	03:28:55.258	0.3					T__				m_e	
MANZ	3.67	350.4	Pn	03:27:57.591	-0.5					T__				m_e	ML 3.0
MANZ	3.67	350.4	Sn	03:28:39.685	1.4					T__				m_e	
BFO	3.76	303.2	Pn	03:27:59.129	-0.1					T__				m_e	ML 3.2

BFO	3.76	303.2	Sn	03:28:41.463	1.1	T__	m_e
BFO	3.76	303.2	Sg	03:29:01.142	-0.6	T__	m_e
MILB	4.28	325.3	Pn	03:28:06.165	-0.1	T__	m_e ML 3.7
MILB	4.28	325.3	Sn	03:28:55.341	2.8	T__	m_e
MOX	4.38	347.9	Pn	03:28:07.087	-0.6	T__	m_e ML 3.2
MOX	4.38	347.9	Sn	03:28:57.071	2.1	T__	m_e
MOX	4.38	347.9	Sg	03:29:20.178	-1.4	T__	m_e
TNS	4.92	323.1	Pn	03:28:16.157	1.1	T__	m_e
TNS	4.92	323.1	Sn	03:29:10.200	2.4	T__	m_e

Event 80811002 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/11	03:30:37.90	0.16	0.69	46.3198	12.9899	2.5	2.1	068	12.0f		149	41	271			m i ke	LDG	80811032
2018/08/11	03:30:45.50	0.43	0.21	46.6090	12.8990				5.0f			9	351	4.90	6.14	m i ke	BNS	80811022
2018/08/11	03:30:39.05	0.23	1.65	46.3404	13.0270	1.4	1.1	021	11.8	3.6	28	6	003			m i uk	ZAMG	80811012
2018/08/11	03:30:42.14	0.27	1.33	46.3400	13.1060	5.6	4.4	006	10.0f		68	46	207	0.76	6.38	m i ke	BGR	80811002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.4	40 LDG	80811032
ML	4.0		BNS	80811022
ML	4.2	0.3	21 ZAMG	80811012
ML	4.2	0.4	42 BGR	80811002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.76	12.4	Pg	03:30:54.448	-2.0					T__				m_e ML	3.6
KBA	0.76	12.4	Sg	03:31:04.892	-1.4					T__				m_e	
OBKA	1.01	79.8	Pn	03:30:59.227	-2.5					T__				m_e ML	3.5
OBKA	1.01	79.8	Pg	03:31:01.682	0.5					T__				m_e	
OBKA	1.01	79.8	Sg	03:31:13.891	-0.4					T__				m_e	
WTTA	1.37	313.1	Pn	03:31:05.057	-1.5					T__				m_e ML	4.0
WTTA	1.37	313.1	Pg	03:31:06.509	-1.4					T__				m_e	
WTTA	1.37	313.1	Sg	03:31:22.213	-3.4					T__				m_e	
RJOB	1.41	351.5	Pn	03:31:06.142	-1.0					T__				m_e ML	3.7
RJOB	1.41	351.5	Sn	03:31:25.311	0.3					T__				m_e	
MOA	1.70	27.2	Pn	03:31:11.922	0.8					T__				m_e ML	3.6
MOA	1.70	27.2	Sn	03:31:35.566	3.8					T__				m_e	
PART	1.78	311.1	Sg	03:31:38.372	-0.5					T__				m_e ML	3.8
ARSA	1.89	60.3	Pn	03:31:13.714	0.1					T__				m_e ML	3.2
FUR	2.21	326.4	Pn	03:31:17.920	-0.0					T__				m_e ML	4.2
DAVA	2.40	294.4	Pn	03:31:21.138	0.5					T__				m_e ML	4.1
UBR	2.44	304.3	Pn	03:31:21.468	0.3					T__				m_e ML	4.3
GEC2	2.54	8.9	Pn	03:31:22.347	-0.1					T__				m_e ML	3.9
PLONS	2.65	286.9	Pn	03:31:24.491	0.5					T__				m_e ML	3.6
WET	2.81	357.0	Pn	03:31:25.673	-0.4					T__				m_e ML	4.0
WET	2.81	357.0	Sn	03:31:59.224	1.5					T__				m_e	
NORI	2.91	325.8	Pn	03:31:26.807	-0.7					T__				m_e ML	4.2
NORI	2.91	325.8	Sn	03:32:01.447	1.3					T__				m_e	
WALHA	3.06	298.9	Pn	03:31:29.331	-0.2					T__				m_e ML	4.1
WILA	3.06	292.1	Pn	03:31:29.585	0.0					T__				m_e ML	4.2
EMING	3.29	299.8	Pn	03:31:32.293	-0.3					T__				m_e ML	4.1

SLE	3.45	296.1	Pn	03:31:34.240	-0.6	T__	m_e	ML	4.7
ROTZ	3.48	350.4	Pn	03:31:34.167	-1.0	T__	m_e	ML	4.2
ROTZ	3.48	350.4	Pg	03:31:44.305	-3.4	T__	m_e		
ROTZ	3.48	350.4	Sn	03:32:13.818	0.3	T__	m_e		
ROTZ	3.48	350.4	Sg	03:32:30.269	-2.4	T__	m_e		
GRFO	3.58	340.1	Pn	03:31:35.905	-0.7	T__	m_e		
GRA1	3.58	340.1	Pn	03:31:35.596	-1.0	T__	m_e	ML	4.6
GRA1	3.58	340.1	Sn	03:32:16.985	1.1	T__	m_e		
GRA1	3.58	340.1	Sg	03:32:35.372	-0.6	T__	m_e		
METMA	3.58	294.3	Pn	03:31:35.835	-0.7	T__	m_e	ML	3.8
STU	3.59	314.1	Pn	03:31:36.327	-0.3	T__	m_e	ML	4.6
STU	3.59	314.1	Sg	03:32:36.594	0.4	T__	m_e		
SULZ	3.61	291.0	Pn	03:31:36.619	-0.4	T__	m_e	ML	4.5
MANZ	3.71	350.0	Pn	03:31:37.129	-1.1	T__	m_e	ML	4.2
MANZ	3.71	350.0	Sn	03:32:19.542	0.7	T__	m_e		
BFO	3.80	303.3	Pn	03:31:39.107	-0.4	T__	m_e	ML	4.2
BFO	3.80	303.3	Sn	03:32:21.384	0.3	T__	m_e		
BALST	3.83	287.0	Pn	03:31:39.508	-0.5	T__	m_e	ML	4.1
MILB	4.32	325.3	Pn	03:31:46.056	-0.5	T__	m_e	ML	4.7
ROTT	4.35	311.7	Pn	03:31:47.118	0.2	T__	m_e		
MOX	4.42	347.6	Pn	03:31:47.001	-0.9	T__	m_e	ML	4.6
MOX	4.42	347.6	Sn	03:32:36.093	0.5	T__	m_e		
ECH	4.45	297.1	Pn	03:31:47.619	-0.7	T__	m_e	ML	4.0
BRG	4.57	6.6	Pn	03:31:49.512	-0.4	T__	m_e	ML	4.1
HROE	4.63	336.1	Pn	03:31:49.877	-0.9	T__	m_e	ML	4.5
SPAHL	4.80	335.0	Pn	03:31:54.906	1.8	T__	m_e	ML	4.3
UBBA	4.93	336.5	Pn	03:31:55.978	1.2	T__	m_e	ML	4.1
NEUB	4.95	350.3	Pn	03:31:54.369	-0.7	T__	m_e	ML	4.6
TNS	4.97	323.1	Pn	03:31:56.495	1.1	T__	m_e	ML	4.3
TNS	4.97	323.1	Sn	03:32:50.352	1.9	T__	m_e		
TNS	4.97	323.1	Sg	03:33:20.737	0.8	T__	m_e		
CLL	4.97	359.3	Pn	03:31:54.971	-0.4	T__	m_e	ML	4.4
CLL	4.97	359.3	Sn	03:32:51.223	2.7	T__	m_e		
CLL	4.97	359.3	Sg	03:33:17.447	-2.5	T__	m_e		
ABH	5.13	315.7	Pn	03:31:57.543	-0.0	T__	m_e		
NAST	5.20	319.8	Pn	03:31:58.900	0.4	T__	m_e		
POSS	5.21	344.4	Pn	03:31:57.486	-1.1	T__	m_e	ML	4.6
WIMM	5.29	349.1	Pn	03:31:58.276	-1.4	T__	m_e	ML	4.1
KOE	5.42	320.8	Pn	03:32:01.700	0.2	---	m_e		
KOE	5.42	320.8	Sn	03:32:59.850	0.6	---	110.3	0.59	m_e
BGG	5.45	317.3	Pn	03:32:01.900	0.0	---	m_e		
WLF	5.71	308.1	Pn	03:32:06.741	1.2	T__	m_e	ML	4.3
KAST	5.76	329.3	Pn	03:32:06.444	0.3	T__	m_e	ML	4.1
CLZ	5.78	343.0	Pn	03:32:07.541	1.1	T__	m_e	ML	4.5
AHRW	5.80	318.6	Pn	03:32:06.929	0.3	T__	m_e		
HILG	5.82	315.1	Pn	03:32:07.400	0.5	---	m_e		
HOBG	6.00	322.8	Pn	03:32:10.000	0.6	---	m_e		
BNS	6.06	321.9	Pn	03:32:10.300	0.2	---	m_e		
KLL	6.23	316.2	Pn	03:32:12.800	0.4	---	m_e		
DREG	6.27	316.0	Pn	03:32:13.900	0.8	---	m_e		
BUG	6.38	325.2	Pn	03:32:15.268	0.8	T__	m_e	ML	4.4
LAUG	6.44	323.3	Pn	03:32:16.000	0.6	---	m_e		

Event 80811007 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/11	03:54:56.90	0.19	0.45	46.3644	13.0104	3.3	2.6	084	10.0	0.0	74	26	253			m i ke	LDG	80811027
2018/08/11	03:54:57.49	0.24	1.79	46.3342	13.0151	1.9	1.0	022	12.0	0.0	42	14	003			m i uk	ZAMG	80811017
2018/08/11	03:55:00.91	0.31	1.52	46.3680	13.0590	5.6	4.4	003	10.0f		53	25	204	0.74	4.38	m i ke	BGR	80811007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	17 LDG	80811027
ML	3.0	0.4	21 ZAMG	80811017
ML	2.8	0.4	21 BGR	80811007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.74	15.3	Pg	03:55:13.144	-1.8					T__				m_e	ML 2.7
KBA	0.74	15.3	Sg	03:55:23.605	-0.9					T__				m_e	
OBKA	1.04	81.6	Pg	03:55:18.004	-2.5					T__				m_e	ML 2.2
OBKA	1.04	81.6	Sg	03:55:33.876	-0.1					T__				m_e	
WTTA	1.32	313.1	Pn	03:55:23.346	-1.4					T__				m_e	ML 2.8
WTTA	1.32	313.1	Pg	03:55:25.143	-0.8					T__				m_e	
WTTA	1.32	313.1	Sg	03:55:41.171	-1.9					T__				m_e	
RJOB	1.38	352.6	Pn	03:55:24.612	-0.9					T__				m_e	ML 2.5
RJOB	1.38	352.6	Sg	03:55:44.769	-0.1					T__				m_e	
KW1	1.78	350.0	Sg	03:55:57.025	-0.6					T__				m_e	ML 2.5
ARSA	1.90	61.5	Pn	03:55:32.367	-0.2					T__				m_e	ML 2.0
ARSA	1.90	61.5	Sg	03:56:00.106	-1.3					T__				m_e	
BE1	1.99	321.7	Sg	03:56:03.812	-0.2					T__				m_e	ML 2.8
FUR	2.16	326.7	Pg	03:55:40.752	-1.0					T__				m_e	ML 3.0
FUR	2.16	326.7	Sg	03:56:08.961	-0.8					T__				m_e	
DAVA	2.36	294.1	Pn	03:55:39.900	1.1					T__				m_e	ML 3.0
DAVA	2.36	294.1	Sg	03:56:13.819	-2.1					T__				m_e	
UBR	2.40	304.2	Pn	03:55:40.297	0.9					T__				m_e	ML 3.2
UBR	2.40	304.2	Sg	03:56:16.293	-1.0					T__				m_e	
GEC2	2.51	9.7	Pn	03:55:41.497	0.6					T__				m_e	ML 2.7
GEC2	2.51	9.7	Sg	03:56:19.711	-1.1					T__				m_e	
PLONS	2.61	286.4	Pn	03:55:43.305	1.1					T__				m_e	
WET	2.78	357.6	Pn	03:55:44.496	0.0					T__				m_e	ML 2.7
WET	2.78	357.6	Sn	03:56:17.780	1.9					T__				m_e	
NORI	2.87	326.0	Pn	03:55:46.117	0.4					T__				m_e	ML 3.0
NORI	2.87	326.0	Sn	03:56:21.126	3.2					T__				m_e	
NORI	2.87	326.0	Sg	03:56:30.265	-1.8					T__				m_e	
WALHA	3.02	298.7	Pn	03:55:47.940	0.2					T__				m_e	ML 3.0
WALHA	3.02	298.7	Sg	03:56:35.630	-1.2					T__				m_e	
EMING	3.25	299.6	Pn	03:55:51.106	0.3					T__				m_e	
SLE	3.41	295.9	Pn	03:55:52.951	-0.1					T__				m_e	
SLE	3.41	295.9	Pg	03:56:01.984	-3.2					T__				m_e	
SLE	3.41	295.9	Sg	03:56:47.990	-1.3					T__				m_e	
ROTZ	3.45	350.8	Pn	03:55:53.135	-0.4					T__				m_e	ML 2.9
ROTZ	3.45	350.8	Sn	03:56:33.015	1.5					T__				m_e	
ROTZ	3.45	350.8	Sg	03:56:49.538	-0.9					T__				m_e	
METMA	3.54	294.1	Pn	03:55:54.671	-0.1					T__				m_e	ML 2.6
METMA	3.54	294.1	Sn	03:56:35.917	2.2					T__				m_e	
GRA1	3.54	340.4	Pg	03:56:08.906	1.2					T__				m_e	ML 3.4

GRA1	3.54	340.4	Sn	03:56:36.184	2.4	T__	m_e												
GRA1	3.54	340.4	Sg	03:56:53.475	-0.0	T__	m_e												
MANZ	3.67	350.4	Pn	03:55:56.521	-0.1	T__	m_e ML	2.9											
MANZ	3.67	350.4	Sn	03:56:38.501	1.6	T__	m_e												
BFO	3.76	303.2	Pn	03:55:57.809	0.1	T__	m_e ML	3.0											
BFO	3.76	303.2	Sn	03:56:40.144	1.3	T__	m_e												
BFO	3.76	303.2	Sg	03:56:59.803	-0.5	T__	m_e												
BALST	3.79	286.7	Pn	03:55:58.358	0.1	T__	m_e												
MILB	4.28	325.4	Pn	03:56:04.679	-0.1	T__	m_e ML	3.6											
MILB	4.28	325.4	Sn	03:56:54.993	3.9	T__	m_e												
MILB	4.28	325.4	Sg	03:57:15.198	-1.6	T__	m_e												
MOX	4.38	347.9	Pn	03:56:05.677	-0.5	T__	m_e ML	3.1											
MOX	4.38	347.9	Sn	03:56:55.675	2.1	T__	m_e												
MOX	4.38	347.9	Sg	03:57:19.155	-1.0	T__	m_e												

Event 80811008 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/11	11:53:03.80	1.02	1.90	50.3000	18.7900				2.0f		25	14	167			m i ke	LDG	80811028
2018/08/11	11:53:03.62	0.76	7.43	50.3685	18.8108	6.7	3.0	160	0.0	0.0	17	4	003			m i sr	ZAMG	80811018
2018/08/11	11:53:04.25	0.32	0.94	50.3600	18.7940	5.6	3.3	009	1.0f		31	15	174	0.66	4.91	m i ki	BGR	80811008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.9	0.4	8 LDG	80811028
ML	3.4	0.3	10 ZAMG	80811018
ML	3.9	0.4	14 BGR	80811008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OJC	0.66	102.0	Pg	11:53:16.218	-0.4					T__				m_e ML	3.8
OJC	0.66	102.0	Sg	11:53:25.390	0.3					T__				m_e	
OKC	0.67	218.7	Pg	11:53:16.989	0.2					T__				m_e ML	2.9
OKC	0.67	218.7	Sg	11:53:26.699	1.3					T__				m_e	
MORC	0.99	234.5	Pg	11:53:22.617	-0.3					T__				m_e ML	4.2
MORC	0.99	234.5	Sg	11:53:36.412	0.6					T__				m_e	
DPC	1.58	270.6	Pg	11:53:32.648	-1.3					T__				m_e ML	4.2
DPC	1.58	270.6	Sg	11:53:54.494	0.1					T__				m_e	
KSP	1.66	287.9	Pn	11:53:33.141	-0.6					T__				m_e ML	3.5
KSP	1.66	287.9	Pg	11:53:35.068	-0.5					T__				m_e	
KSP	1.66	287.9	Sg	11:53:56.173	-0.8					T__				m_e	
BRG	3.12	281.3	Pg	11:54:02.124	-0.9					T__				m_e ML	3.7
BRG	3.12	281.3	Sg	11:54:44.306	0.9					T__				m_e	
FBE	3.49	281.3	Pg	11:54:09.749	-0.4					T__				m_e ML	3.9
FBE	3.49	281.3	Sg	11:54:57.237	2.0					T__				m_e	
GEC2	3.63	247.3	Pn	11:54:00.964	0.5					T__				m_e ML	4.2
GEC2	3.63	247.3	Pg	11:54:11.758	-0.9					T__				m_e	
GEC2	3.63	247.3	Sg	11:54:58.185	-1.4					T__				m_e	
CLL	3.78	286.8	Pg	11:54:14.509	-0.9					T__				m_e ML	4.2
CLL	3.78	286.8	Sg	11:55:05.380	1.1					T__				m_e	
WET	4.01	254.6	Pn	11:54:06.345	0.8					T__				m_e ML	4.1
WET	4.01	254.6	Sg	11:55:10.037	-1.6					T__				m_e	
TANN	4.04	273.2	Pn	11:54:06.968	1.0					T__				m_e ML	4.0

TANN	4.04	273.2	Pg	11:54:21.085	0.8	T__	m_e												
TANN	4.04	273.2	Sg	11:55:11.736	-0.8	T__	m_e												
WERD	4.13	273.7	Pg	11:54:22.709	0.5	T__	m_e	ML	3.9										
WERD	4.13	273.7	Sg	11:55:16.565	1.0	T__	m_e												
ROTZ	4.27	264.6	Pn	11:54:08.768	-0.3	T__	m_e												
MOX	4.57	276.3	Pn	11:54:14.324	1.1	T__	m_e	ML	4.0										
MOX	4.57	276.3	Sg	11:55:29.897	0.4	T__	m_e												
GRA1	4.91	265.1	Sg	11:55:40.514	0.3	T__	m_e	ML	4.3										

Event 80812002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/12	06:06:58.00	0.14	0.38	51.6046	16.2261	3.8	2.2	153	2.0	0.0	75	25	318			m i ke	LDG	80812032
2018/08/12	06:07:05.57	0.44	0.51	51.4754	16.2252	5.1	3.2	062	0.0	0.0	45	18	003			m i sr	ZAMG	80812022
2018/08/12	06:07:06.70	0.65	0.41	51.6540	16.0780				2.0f			7	348	5.39	6.25	m i ki	BNS	80812012
2018/08/12	06:07:05.98	0.47	0.55	51.5140	16.1480	5.6	2.2	027	1.0f		22	16	201	0.68	3.62	m i ki	BGR	80812002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.2	0.3	23 LDG	80812032
ML	3.6	0.3	17 ZAMG	80812022
ML	3.6		BNS	80812012
ML	3.7	0.2	14 BGR	80812002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	172.2	Pg	06:07:18.966	0.2					T__				m_e	
KSP	0.68	172.2	Sg	06:07:28.255	0.8					T__				m_e	
DPC	1.17	174.5	Pg	06:07:27.783	-0.2					T__				m_e	ML 4.0
DPC	1.17	174.5	Sg	06:07:42.806	-0.3					T__				m_e	
BRG	1.52	246.0	Pn	06:07:32.804	-0.8					T__				m_e	ML 3.5
BRG	1.52	246.0	Sg	06:07:54.135	-0.2					T__				m_e	
FBE	1.85	252.4	Pn	06:07:37.530	-0.4					T__				m_e	ML 3.4
FBE	1.85	252.4	Sg	06:08:04.100	-0.6					T__				m_e	
MORC	1.95	152.5	Pn	06:07:39.604	0.2					T__				m_e	ML 4.0
CLL	1.97	265.2	Pn	06:07:38.918	-0.8					T__				m_e	ML 3.5
CLL	1.97	265.2	Sg	06:08:08.702	0.1					T__				m_e	
OKC	2.10	142.1	Pn	06:07:41.106	-0.3					T__				m_e	ML 3.3
OKC	2.10	142.1	Sg	06:08:12.353	-0.4					T__				m_e	
TANN	2.57	246.1	Pn	06:07:48.111	0.4					T__				m_e	ML 3.8
OJC	2.64	117.9	Pn	06:07:47.772	-1.0					T__				m_e	
MOX	2.98	254.8	Pn	06:07:53.368	0.1					T__				m_e	ML 3.9
MANZ	2.98	240.7	Pn	06:07:53.646	0.4					T__				m_e	ML 3.7
ROTZ	3.05	236.6	Pn	06:07:54.437	0.2					T__				m_e	ML 3.6
GEC2	3.09	211.4	Pn	06:07:55.345	0.5					T__				m_e	ML 3.8
WET	3.16	222.6	Pn	06:07:55.977	0.2					T__				m_e	ML 3.7
CLZ	3.60	277.5	Pn	06:08:02.595	0.9					T__				m_e	ML 3.8
GRA1	3.62	241.7	Pn	06:08:02.657	0.7					T__				m_e	ML 4.2
KOE	5.41	261.7	Pn	06:08:26.700	0.5					___				m_e	
KOE	5.41	261.7	Sn	06:09:28.200	3.8					___				m_e	
BGG	5.71	260.2	Pn	06:08:31.000	0.7					___				m_e	
LAUG	5.74	272.0	Pn	06:08:31.000	0.3					___				m_e	
HILG	6.09	262.1	Pn	06:08:37.400	1.9					___				m_e	

DREG 6.28 266.1 Pn 06:08:39.200 1.1

m_e

Event 80814004 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/14	21:48:30.00	0.49	1.29	42.0665	15.0681	9.7	8.8	158	10.0f		126	40	311			m i ke	LDG	80814014
2018/08/14	21:48:31.05	0.53	1.22	41.7950	14.9870	12.2	10.0	076	10.0f		53	42	318	4.72	12.53	m i ke	BGR	80814004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.4	0.5	39 LDG	80814014
ML	5.0	0.3	24 BGR	80814004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	4.72	356.3	Pn	21:49:42.441	1.4					T__				m_e ML	5.3
KBA	5.41	348.1	Pn	21:49:52.586	2.3					T__				m_e ML	4.7
KBA	5.41	348.1	Sn	21:50:51.586	3.7					T__				m_e	
ARSA	5.47	3.8	Pn	21:49:52.221	1.1					T__				m_e ML	4.6
ARSA	5.47	3.8	Sn	21:50:51.655	2.4					T__				m_e	
WTTA	5.97	337.6	Pn	21:49:59.571	1.7					T__				m_e ML	5.1
WTTA	5.97	337.6	Sn	21:51:07.016	6.1					T__				m_e	
MOA	6.08	355.4	Pn	21:50:01.604	2.3					T__				m_e ML	4.9
MOA	6.08	355.4	Sn	21:51:07.895	4.4					T__				m_e	
RJOB	6.14	346.1	Pn	21:50:01.703	1.5					T__				m_e ML	4.9
RJOB	6.14	346.1	Sn	21:51:11.378	6.3					T__				m_e	
OBER	6.53	330.9	Pn	21:50:07.028	1.6					T__				m_e ML	4.7
OBER	6.53	330.9	Sn	21:51:19.485	5.4					T__				m_e	
DAVA	6.59	328.2	Pn	21:50:07.908	1.7					T__				m_e ML	5.1
PLONS	6.60	324.6	Pn	21:50:08.725	2.3					T__				m_e ML	4.9
PLONS	6.60	324.6	Sn	21:51:20.316	4.5					T__				m_e	
UBR	6.83	331.2	Pn	21:50:10.505	1.0					T__				m_e ML	5.2
UBR	6.83	331.2	Sn	21:51:28.338	7.2					T__				m_e	
WILA	7.09	324.5	Pn	21:50:13.940	0.9					T__				m_e ML	5.4
GEC2	7.11	353.1	Pn	21:50:13.946	0.6					T__				m_e ML	5.0
GEC2	7.11	353.1	Sn	21:51:30.850	3.1					T__				m_e	
WALHA	7.26	327.1	Pn	21:50:16.499	1.1					T__				m_e ML	5.3
EMING	7.49	326.6	Pn	21:50:18.646	0.2					T__				m_e ML	5.0
WET	7.50	349.4	Pn	21:50:18.666	0.1					T__				m_e ML	4.9
WET	7.50	349.4	Sn	21:51:38.809	2.0					T__				m_e	
SULZ	7.53	321.9	Sn	21:51:40.121	2.5					T__				m_e ML	5.5
SLE	7.54	324.6	Pn	21:50:19.244	0.1					T__				m_e ML	5.7
NORI	7.57	337.6	Pn	21:50:20.205	0.6					T__				m_e ML	4.9
METMA	7.60	323.4	Pn	21:50:19.812	-0.2					T__				m_e ML	4.8
METMA	7.60	323.4	Sn	21:51:40.960	1.6					T__				m_e	
BFO	8.04	326.6	Pn	21:50:26.097	0.1					T__				m_e ML	4.8
ROTZ	8.20	347.3	Pn	21:50:27.408	-0.8					T__				m_e ML	4.9
GRFO	8.32	342.9	Pn	21:50:29.001	-0.7					T__				m_e	
GRA1	8.32	342.9	Pn	21:50:29.006	-0.7					T__				m_e ML	5.1
MANZ	8.43	347.3	Pn	21:50:31.025	-0.2					T__				m_e ML	4.9
ECH	8.47	322.0	Pn	21:50:31.746	-0.0					T__				m_e ML	5.4
TANN	8.79	349.4	Pn	21:50:36.168	-0.0					T__				m_e	
PLN	8.91	348.3	Pn	21:50:38.342	0.6					T__				m_e	

MILB	8.95	335.7	Pn	21:50:38.503	0.2	T__	m_e
BRG	9.11	355.8	Pn	21:50:40.957	0.5	T__	m_e
MOX	9.15	346.4	Pn	21:50:40.846	-0.2	T__	m_e
TNS	9.56	334.0	Pn	21:50:47.118	0.5	T__	m_e
ABH	9.59	330.0	Pn	21:50:47.675	0.6	T__	m_e
CLL	9.61	352.5	Pn	21:50:48.273	1.0	T__	m_e
NEUB	9.67	347.9	Pn	21:50:48.292	0.3	T__	m_e
RIVT	9.76	326.9	Pn	21:50:51.364	2.1	T__	m_e
WLF	9.98	325.0	Pn	21:50:53.911	1.6	T__	m_e
AHRW	10.31	330.7	Pn	21:50:57.987	1.3	T__	m_e
KAST	10.43	336.7	Pn	21:50:59.280	0.9	T__	m_e
CLZ	10.53	344.2	Pn	21:51:01.794	2.1	T__	m_e
BUG	10.99	334.0	Pn	21:51:08.762	2.8	T__	m_e
RETH	11.57	342.8	Pn	21:51:14.891	1.1	T__	m_e
BSEG	12.53	347.2	Pn	21:51:29.554	2.7	T__	m_e

Event 80816001 Uchte, N of Minden

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/16	15:36:20.39	1.24	2.55	52.1288	9.3738	9.7	7.2	086	8.0	0.0	33	11	002			m i uk	ZAMG	80816041
2018/08/16	15:36:14.90	0.36	1.02	52.2908	8.9290	6.9	4.7	160	2.0	0.0	55	16	204			m i ke	LDG	80816031
2018/08/16	15:36:13.00	0.73	0.31	52.4980	8.8970				1.9	6.7		11	135	0.72	2.49	m i ki	BNS	80816021
2018/08/16	15:36:13.72		0.49	52.4330	8.9930				5.4	2.3	36	22	047	0.37	2.53	m i ki	BUG	80816011
2018/08/16	15:36:12.12	0.14	1.00	52.4930	8.9580	2.2	2.2	008	2.0f		75	50	037	0.03	2.16	m i ki	BGR	80816001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.2	5 ZAMG	80816041
ML	3.2	0.2	15 LDG	80816031
ML	2.8		BNS	80816021
MD	3.4	0.3	13 BUG	80816011
ML	3.4	0.2	17 BUG	80816011
ML	2.9	0.3	11 BGR	80816001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BKP1S	0.03	278.3	Pg	15:36:13.624	0.8					T__					m_e
BKP1S	0.03	278.3	Sg	15:36:14.684	1.4					T__					m_e
LOCC	0.14	126.8	Pg	15:36:15.506	0.8					T__					m_e
PENNB	0.16	19.2	Pg	15:36:15.894	0.7					T__					m_e
PENNB	0.16	19.2	Sg	15:36:18.937	1.7					T__					m_e
WOELB	0.18	116.1	Pg	15:36:16.215	0.6					T__					m_e
ALL4S	0.20	357.2	Pg	15:36:17.256	1.3					T__					m_e
ALL4S	0.20	357.2	Sg	15:36:21.021	2.5					T__					m_e
SULIB	0.22	324.5	Pg	15:36:17.617	1.3					T__					m_e
SLS1S	0.31	88.1	Pg	15:36:18.986	1.1					T__					m_e
SLS1S	0.31	88.1	Sg	15:36:23.873	2.0					T__					m_e
BROKB	0.32	264.3	Pg	15:36:19.854	1.8					T__					m_e
RETHO	0.34	46.0	Pg	15:36:19.588	1.1					T__					m_e
RETHO	0.34	46.0	Sg	15:36:26.080	3.2					___		6.1			m_e
RETH	0.34	46.0	Pg	15:36:19.377	0.9					T__					m_e
KS19S	0.35	308.6	Pg	15:36:20.889	2.1					T__					m_e
KS19S	0.35	308.6	Sg	15:36:24.890	1.6					T__					m_e

SYKE	0.39	352.7	Pg	15:36:21.528	2.1	T__	m_e	ML	3.2
SCHWB	0.44	67.8	Pg	15:36:22.205	1.8	T__	m_e		
TRIFS	0.46	22.1	Pg	15:36:23.321	2.6	T__	m_e		
BECKB	0.46	328.3	Pg	15:36:23.116	2.3	T__	m_e		
V01EB	0.46	11.5	Pg	15:36:22.937	2.1	T__	m_e		
V01EB	0.46	11.5	Sg	15:36:30.082	3.3	T__	m_e		
GRO1S	0.50	15.7	Pg	15:36:23.438	1.8	T__	m_e		
HS49S	0.51	349.0	Sg	15:36:30.626	2.3	T__	m_e		
DEEL	0.51	24.8	Pg	15:36:23.748	2.0	T__	m_e	ML	3.2
DEEL	0.51	24.8	Sg	15:36:30.920	2.5	T__	m_e		
HB6S	0.51	8.8	Pg	15:36:24.473	2.7	T__	m_e		
HB6S	0.51	8.8	Sg	15:36:29.938	1.5	T__	m_e		
GOLD	0.51	33.2	Pg	15:36:23.241	1.4	T__	m_e	ML	3.1
LANGS	0.53	46.0	Pg	15:36:23.836	1.7	T__	m_e		
H03BB	0.55	33.9	Pg	15:36:24.226	1.7	T__	m_e		
SEVE	0.62	300.0	Pg	15:36:26.283	2.5	T__	m_e		
LOENS	0.62	37.1	Pg	15:36:26.050	2.2	T__	m_e		
ESSNB	0.63	294.2	Sg	15:36:34.707	2.7	T__	m_e		
HUDEB	0.66	331.7	Pg	15:36:26.492	1.8	T__	m_e		
GROSS	0.67	23.2	Sg	15:36:36.436	3.0	T__	m_e		
NRDL	0.70	89.4	Pg	15:36:26.707	1.4	T__	m_e	ML	2.3
NRDL	0.70	89.4	Sg	15:36:37.580	3.2	___	m_	0.5	
IO3CB	0.71	44.3	Pg	15:36:26.917	1.4	T__	m_e		
VOR1B	0.71	9.2	Pg	15:36:27.914	2.4	T__	m_e		
MOLBB	0.72	304.1	Pg	15:36:28.754	3.1	T__	m_e		
MOLBB	0.72	304.1	Sg	15:36:36.754	1.8	T__	m_e		
WARDB	0.74	319.3	Pg	15:36:29.319	3.3	T__	m_e		
IBBN	0.75	256.2	Pg	15:36:27.801	1.4	T__	m_e	ML	2.8
IBBN	0.75	256.2	Sg	15:36:37.401	1.3	T__	m_e		
IBBS	0.77	254.7	Pg	15:36:28.140	1.6	___	m_	ML	3.0
IBBS	0.77	254.7	Sg	15:36:39.900	3.4	___	m_	1.3	
IGAD	0.78	348.2	Pg	15:36:30.110	3.3	___	m_	ML	3.2
IGAD	0.78	348.2	Sg	15:36:41.770	4.8	___	m_	1.8	
WEESB	0.79	64.3	Pg	15:36:27.840	0.8	T__	m_e		
RAST	0.86	299.5	Pg	15:36:31.800	3.5	___	m_	ML	3.4
RAST	0.86	299.5	Sg	15:36:46.040	6.6	___	m_	2.5	
HKAP	0.96	66.9	Pg	15:36:31.835	1.6	T__	m_e	ML	3.0
S06AB	0.98	54.5	Pg	15:36:31.609	1.1	T__	m_e		
S06AB	0.98	54.5	Sg	15:36:47.018	3.9	T__	m_e		
CLZ	1.08	126.3	Pg	15:36:33.746	1.2	T__	m_e	ML	2.9
CLZ	1.08	126.3	Sg	15:36:47.953	1.4	T__	m_e		
GTTG	1.13	146.4	Pg	15:36:34.843	1.4	T__	m_e	ML	3.3
GTTG	1.13	146.4	Sg	15:36:50.970	2.9	___	m_	1.8	
KAST	1.33	194.8	Pg	15:36:37.590	0.3	T__	m_e	ML	3.2
KAST	1.33	194.8	Sg	15:36:54.571	0.1	T__	m_e		
BAVN	1.36	236.9	Pg	15:36:39.150	1.5	___	m_	ML	3.3
BAVN	1.36	236.9	Sg	15:36:58.000	2.8	___	m_	1.1	
FLT1	1.40	95.8	Pn	15:36:37.706	-0.2	T__	m_e		
FLT1	1.40	95.8	Pg	15:36:39.123	0.6	T__	m_e		
FLT1	1.40	95.8	Sg	15:36:55.836	-0.8	T__	m_e		
GOR6	1.44	68.3	Sg	15:37:00.152	2.4	T__	m_e		
GOR5	1.44	71.7	Pg	15:36:40.497	1.3	T__	m_e		
GOR5	1.44	71.7	Sg	15:36:58.763	1.0	T__	m_e		
BTEZ	1.47	225.4	Pn	15:36:40.270	1.4	___	m_	ML	3.1

BULI	1.47	225.9	Pn	15:36:40.390	1.5	---									m__ ML	3.2
BULI	1.47	225.9	Pg	15:36:41.410	1.5	---									m__	
BULI	1.47	225.9	Sn	15:37:00.760	2.8	---					0.8				m__	
BUG	1.48	225.3	Pn	15:36:40.283	1.3	T__									m_e ML	3.1
BUG	1.48	225.3	Pg	15:36:41.270	1.3	---									m__	
BUG	1.48	225.3	Sg	15:37:01.628	2.5	T__									m_e	
BKLB	1.48	225.3	Pn	15:36:40.320	1.3	---									m__ ML	2.9
BKLB	1.48	225.3	Pg	15:36:41.380	1.4	---									m__	
GOR1	1.51	69.8	Pg	15:36:41.267	0.7	T__									m_e ML	2.9
GOR1	1.51	69.8	Sg	15:37:02.269	2.3	T__									m_e	
BPFI	1.51	225.5	Pn	15:36:40.880	1.4	---									m__ ML	3.0
BPFI	1.51	225.5	Pg	15:36:41.870	1.2	---									m__	
ZERL	1.55	236.6	Pn	15:36:40.580	0.6	---									m__ ML	3.3
ZARR	1.59	47.2	Sn	15:37:02.662	2.1	T__									m_e	
GOR3	1.59	69.2	Pn	15:36:41.940	1.4	T__									m_e	
GOR3	1.59	69.2	Pg	15:36:43.238	1.1	T__									m_e	
GOR3	1.59	69.2	Sn	15:37:02.657	1.9	T__									m_e	
GOR3	1.59	69.2	Sg	15:37:05.311	2.6	T__									m_e	
BSEG	1.66	28.9	Pg	15:36:44.244	0.9	T__									m_e ML	2.7
BSEG	1.66	28.9	Sg	15:37:05.843	1.1	T__									m_e	
LAUG	1.69	228.2	Pn	15:36:41.700	-0.1	---									m_e	
UBBA	1.79	158.5	Pn	15:36:44.520	1.2	---									m__ ML	2.7
UBBA	1.79	158.5	Pg	15:36:46.697	0.7	T__									m_e	
UBBA	1.79	158.5	Sg	15:37:07.768	-1.4	T__									m_e	
HOBG	1.81	214.3	Pn	15:36:44.000	0.5	---									m_e	
NEUB	2.16	125.3	Pg	15:36:53.351	0.5	T__									m_e	
NEUB	2.16	125.3	Sg	15:37:21.098	0.3	T__									m_e	
AHRW	2.28	211.7	Pn	15:36:51.160	1.3	---									m__ ML	3.2
AHRW	2.28	211.7	Pg	15:36:55.940	0.9	---									m__	
TNS	2.29	188.2	Pn	15:36:50.510	0.5	---									m__ ML	3.5
TNS	2.29	188.2	Pg	15:36:55.070	-0.3	---									m__	
STB	2.31	215.6	Pn	15:36:50.000	-0.3	---									m_e	
MOX	2.48	137.2	Pn	15:36:54.790	2.2	---									m__ ML	3.1
MOX	2.48	137.2	Pg	15:37:00.110	1.3	---									m__	
BGG	2.50	204.5	Pn	15:36:52.900	0.0	---									m_e	
HGN	2.55	228.6	Pn	15:36:55.020	1.5	---									m__ ML	3.1
HGN	2.55	228.6	Pg	15:37:00.020	-0.2	---									m__	

Event 80816008 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/16	18:19:09.90	0.27	1.11	42.0047	14.5426	5.1	4.5	001	10.0f		199	40	295			m i ke	LDG	80816028
2018/08/16	18:19:06.30	0.66	0.61	41.9960	15.0460				10.0f				6 356	9.58	10.57	m i ke	BNS	80816018
2018/08/16	18:19:07.25	0.46	1.30	41.8880	14.8530	8.9	7.8	022	10.0f		67	51	307	4.63	10.30	m i ke	BGR	80816008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.9	0.5	46 LDG	80816028
ML	5.2		BNS	80816018
ML	5.6	0.2	13 BGR	80816008

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

OBKA	4.63	357.4	Pn	18:20:16.147	0.3	T__	m_e	ML	5.8
KBA	5.30	348.8	Pn	18:20:26.010	1.0	T__	m_e	ML	5.4
ARSA	5.38	4.9	Pn	18:20:25.826	-0.3	T__	m_e	ML	5.3
WTTA	5.84	338.0	Pn	18:20:33.924	1.6	T__	m_e	ML	5.7
MOA	5.98	356.2	Pn	18:20:35.215	1.1	T__	m_e	ML	5.5
MOA	5.98	356.2	Sn	18:21:41.686	4.3	T__	m_e		
RJOB	6.03	346.7	Pn	18:20:35.489	0.6	T__	m_e	ML	5.4
RJOB	6.03	346.7	Sn	18:21:44.139	5.6	T__	m_e		
PART	6.20	336.0	Sn	18:21:49.361	6.7	T__	m_e	ML	5.4
OBER	6.40	331.1	Pn	18:20:41.321	1.4	T__	m_e	ML	5.2
OBER	6.40	331.1	Sn	18:21:53.080	5.8	T__	m_e		
DAVA	6.45	328.5	Pn	18:20:41.957	1.3	T__	m_e	ML	5.7
DAVA	6.45	328.5	Sn	18:21:55.051	6.5	T__	m_e		
PLONS	6.47	324.8	Pn	18:20:42.670	1.8	T__	m_e	ML	5.5
PLONS	6.47	324.8	Sn	18:21:54.751	5.8	T__	m_e		
UBR	6.70	331.5	Pn	18:20:44.472	0.5	T__	m_e	ML	5.7
UBR	6.70	331.5	Sn	18:21:59.043	4.7	T__	m_e		
FUR	6.76	339.3	Pn	18:20:47.058	2.2	T__	m_e	ML	6.0
CKRC	6.94	357.0	Sn	18:22:04.351	4.3	T__	m_e	ML	5.8
WILA	6.95	324.6	Pn	18:20:48.806	1.4	T__	m_e		
WILA	6.95	324.6	Sn	18:22:05.003	4.6	T__	m_e		
GEC2	7.00	353.8	Pn	18:20:47.560	-0.5	T__	m_e		
GEC2	7.00	353.8	Sn	18:22:04.978	3.5	T__	m_e		
WALHA	7.13	327.3	Pn	18:20:50.584	0.8	T__	m_e		
WALHA	7.13	327.3	Sn	18:22:09.217	4.7	T__	m_e		
JAVC	7.25	14.9	Pn	18:20:53.001	1.6	T__	m_e		
JAVC	7.25	14.9	Sn	18:22:12.500	5.3	T__	m_e		
KRUC	7.25	8.0	Sn	18:22:09.438	2.0	T__	m_e		
KHC	7.30	353.4	Pn	18:20:51.513	-0.6	T__	m_e		
KHC	7.30	353.4	Sn	18:22:12.199	3.8	T__	m_e		
EMING	7.36	326.8	Pn	18:20:54.851	2.0	T__	m_e		
EMING	7.36	326.8	Sn	18:22:14.548	4.8	T__	m_e		
WET	7.39	349.9	Pn	18:20:52.174	-1.1	T__	m_e		
WET	7.39	349.9	Sn	18:22:12.254	1.8	T__	m_e		
SULZ	7.39	322.0	Pn	18:20:53.492	0.1	T__	m_e		
SULZ	7.39	322.0	Sn	18:22:13.568	2.9	T__	m_e		
SLE	7.40	324.7	Pn	18:20:53.154	-0.4	T__	m_e		
SLE	7.40	324.7	Sn	18:22:13.400	2.5	T__	m_e		
NORI	7.45	338.0	Pn	18:20:54.558	0.4	T__	m_e		
METMA	7.47	323.5	Pn	18:20:53.971	-0.4	T__	m_e		
METMA	7.47	323.5	Sn	18:22:13.941	1.5	T__	m_e		
VRAC	7.52	8.7	Pn	18:20:57.074	2.0	T__	m_e		
BFO	7.91	326.7	Pn	18:21:00.193	-0.2	T__	m_e		
STU	7.94	332.0	Pn	18:21:01.392	0.5	T__	m_e		
ROTZ	8.09	347.8	Pn	18:21:01.523	-1.3	T__	m_e		
PRU	8.10	358.6	Pn	18:21:03.032	0.0	T__	m_e		
MORC	8.11	12.4	Pn	18:21:05.016	2.0	T__	m_e		
GRFO	8.20	343.3	Pn	18:21:04.274	-0.1	T__	m_e		
GRA1	8.20	343.3	Pn	18:21:06.136	1.8	T__	m_e		
OKC	8.27	14.9	Pn	18:21:07.551	2.3	T__	m_e		
MANZ	8.32	347.7	Pn	18:21:04.883	-1.1	T__	m_e		
DPC	8.52	6.3	Pn	18:21:13.005	4.3	T__	m_e		
ROTT	8.62	329.4	Pn	18:21:13.611	3.5	T__	m_e		
TANN	8.69	349.9	Pn	18:21:12.327	1.4	T__	m_e		

PLN	8.80	348.7	Pn	18:21:13.448	1.0	T__	m_e
BRG	9.01	356.3	Pn	18:21:15.924	0.7	T__	m_e
MOX	9.04	346.8	Pn	18:21:14.106	-1.5	T__	m_e
TNS	9.44	334.2	Pn	18:21:21.991	0.9	T__	m_e
ABH	9.46	330.1	Pn	18:21:21.748	0.3	T__	m_e
CLL	9.50	353.0	Pn	18:21:22.266	0.3	T__	m_e
UBBA	9.53	341.2	Pn	18:21:23.938	1.5	T__	m_e
NEUB	9.56	348.3	Pn	18:21:23.400	0.7	T__	m_e
NAST	9.61	332.2	Pn	18:21:23.600	0.1	---	m_e
NAST	9.61	332.2	Sn	18:23:07.800	5.0	---	m_e
RIVT	9.63	327.0	Pn	18:21:24.888	1.2	T__	m_e
BGG	9.81	330.6	Pn	18:21:27.100	1.0	---	m_e
WLF	9.85	325.1	Pn	18:21:28.549	1.8	T__	m_e
HILG	10.12	328.9	Pn	18:21:31.400	1.0	---	m_e
AHRW	10.18	330.9	Pn	18:21:32.939	1.8	T__	m_e
GTTG	10.22	342.6	Pn	18:21:33.300	1.6	T__	m_e
KAST	10.30	336.9	Pn	18:21:34.151	1.3	T__	m_e
HOBG	10.46	333.0	Pn	18:21:35.100	0.2	---	m_e
KLL	10.55	329.0	Pn	18:21:36.800	0.6	---	m_e
DREG	10.59	328.9	Pn	18:21:36.000	-0.7	---	m_e

Event 80817001 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/17	01:25:12.30	0.54	0.51	49.0370	18.2553	15.9	9.7	002	5.0f		15	10	325			m i ke	LDG	80817021
2018/08/17	01:25:11.90	0.34	1.38	48.9084	18.1908	3.3	2.5	064	8.4	2.8	59	18	002			m i uk	ZAMG	80817011
2018/08/17	01:25:11.63	0.31	0.51	48.8770	18.2140	5.6	4.4	032	1.0f		17	16	134	0.36	4.13	m i ki	BGR	80817001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.5	5 LDG	80817021
ML	2.6	0.3	19 ZAMG	80817011
ML	2.9	0.6	9 BGR	80817001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JAVC	0.36	267.3	Pg	01:25:19.280	0.9					T__				m_e	ML 2.8
VYHS	0.56	132.8	Pg	01:25:22.676	0.5					T__				m_e	ML 1.8
OKC	0.96	357.4	Pg	01:25:29.859	0.1					T__				m_e	ML 2.5
MORC	1.00	334.3	Pg	01:25:30.035	-0.5					T__				m_e	ML 3.6
MORC	1.00	334.3	Sg	01:25:44.149	0.7					T__				m_e	
VRAC	1.15	292.7	Pg	01:25:32.664	-0.6					T__				m_e	ML 3.1
KRUC	1.21	279.5	Pg	01:25:33.634	-0.8					T__				m_e	ML 2.4
PSZ	1.47	130.0	Pn	01:25:37.942	-0.6					T__				m_e	
NIE	1.48	67.7	Pn	01:25:38.993	0.4					T__				m_e	ML 2.9
OJC	1.69	36.8	Pn	01:25:40.931	-0.6					T__				m_e	
TREC	1.83	284.2	Pn	01:25:43.505	0.1					T__				m_e	ML 3.0
DPC	1.92	321.0	Pn	01:25:44.174	-0.4					T__				m_e	ML 3.8
GEC2	2.97	271.1	Pn	01:25:59.653	0.8					T__				m_e	
ROTZ	4.01	285.1	Pn	01:26:12.644	-0.4					T__				m_e	
TANN	4.03	294.6	Pn	01:26:12.862	-0.3					T__				m_e	
MANZ	4.12	287.9	Pn	01:26:14.308	-0.2					T__				m_e	
CLL	4.13	308.0	Pn	01:26:14.393	-0.2					T__				m_e	

Event 80821001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/21	00:33:44.80	0.27	1.68	44.8289	10.8970	6.1	3.5	097	10.0f		221	38	084			m i ke	LDG	80821021
2018/08/21	00:33:46.90	0.31	0.11	44.8170	10.5730				10.0f			4	353	5.68	6.55	m i ke	BNS	80821011
2018/08/21	00:33:44.04	0.84	1.18	44.5790	10.6140	18.9	13.3	051	10.0f		20	16	284	2.76	5.50	m i ke	BGR	80821001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.4	41 LDG	80821021
ML	3.8		BNS	80821011
ML	4.2	0.2	14 BGR	80821001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
DAVA	2.76	349.6	Pn	00:34:28.900	1.6					T__				m_e	ML	4.2
WTTA	2.78	14.5	Pn	00:34:28.171	0.6					T__				m_e	ML	4.3
OBER	2.84	355.6	Pn	00:34:29.697	1.3					T__				m_e		
PART	2.94	6.6	Sn	00:35:04.740	2.0					T__				m_e		
UBR	3.12	353.7	Pn	00:34:33.127	0.9					T__				m_e	ML	4.7
OBKA	3.36	53.6	Pn	00:34:35.287	-0.3					T__				m_e	ML	4.2
RJOB	3.50	24.8	Pn	00:34:38.164	0.8					T__				m_e	ML	4.2
FUR	3.61	7.0	Pn	00:34:39.033	0.1					T__				m_e	ML	4.5
FUR	3.61	7.0	Sn	00:35:18.832	0.3					T__				m_e		
BFO	4.07	338.1	Pn	00:34:44.971	-0.1					T__				m_e	ML	4.2
BFO	4.07	338.1	Sn	00:35:27.979	-1.3					T__				m_e		
MOA	4.13	36.4	Pn	00:34:46.234	0.3					T__				m_e	ML	3.9
NORI	4.14	0.1	Pn	00:34:44.718	-1.4					T__				m_e	ML	4.3
NORI	4.14	0.1	Sn	00:35:29.255	-1.7					T__				m_e		
GEC2	4.76	25.3	Pn	00:34:53.825	-0.7					T__				m_e	ML	4.1
WET	4.82	17.9	Pn	00:34:54.316	-1.0					T__				m_e	ML	4.1
GRA1	5.13	4.4	Pn	00:34:57.425	-2.1					T__				m_e	ML	4.5
ROTZ	5.30	11.2	Pn	00:34:59.790	-2.0					T__				m_e	ML	4.0
MANZ	5.50	10.1	Pn	00:35:02.502	-2.0					T__				m_e	ML	4.1
MANZ	5.50	10.1	Sn	00:36:01.328	-1.6					T__				m_e		
NAST	5.92	342.6	Pn	00:35:10.200	0.1					---				m_e		
BGG	6.05	339.7	Pn	00:35:11.800	-0.1					---				m_e		
BGG	6.05	339.7	Sn	00:36:16.700	0.9					---		27.1	0.61	m_e		
DREG	6.76	335.7	Pn	00:35:22.000	0.4					---				m_e		
BNS	6.79	341.4	Pn	00:35:22.400	0.4					---				m_e		

Event 80823002 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/23	00:09:09.80	0.05	0.77	46.1742	7.1179	1.1	0.9	119	8.0f		272	40	026			m i ke	LDG	80823012
2018/08/23	00:09:10.06	0.80	0.57	46.2000	7.0340	8.9	6.7	115	10.0f		17	12	312	1.52	5.22	m i ke	BGR	80823002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	44 LDG	80823012
ML	3.3	0.3	12 BGR	80823002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SULZ	1.52	28.6	Pg	00:09:38.451	-0.3					T__				m_e	ML 3.2
SULZ	1.52	28.6	Sg	00:09:58.853	0.4					T__				m_e	
WILA	1.77	45.9	Pg	00:09:43.499	0.1					T__				m_e	ML 3.4
WILA	1.77	45.9	Sg	00:10:06.823	0.6					T__				m_e	
PLONS	1.82	61.4	Pg	00:09:44.149	-0.3					T__				m_e	ML 2.9
SLE	1.86	31.9	Pg	00:09:44.506	-0.6					T__				m_e	ML 3.8
SLE	1.86	31.9	Sg	00:10:08.975	-0.1					T__				m_e	
BFO	2.30	22.0	Sg	00:10:22.517	-0.8					T__				m_e	ML 2.8
UBR	2.57	53.7	Pg	00:09:57.736	-0.8					T__				m_e	ML 3.5
UBR	2.57	53.7	Sg	00:10:31.804	0.1					T__				m_e	
STU	2.96	28.8	Sg	00:10:44.365	0.4					T__				m_e	ML 3.3
FUR	3.49	54.2	Pg	00:10:15.348	-0.4					T__				m_e	ML 3.6
FUR	3.49	54.2	Sg	00:11:01.318	0.5					T__				m_e	
NORI	3.50	42.6	Pg	00:10:15.123	-0.9					T__				m_e	ML 3.5
TNS	4.13	12.7	Pn	00:10:12.618	0.7					T__				m_e	ML 3.2
WET	4.91	51.1	Pn	00:10:22.834	0.3					T__				m_e	ML 3.3
GEC2	5.22	57.1	Pn	00:10:27.430	0.7					T__				m_e	ML 3.2

Event 80823001 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/23	23:36:09.10	0.27	0.93	50.1979	12.4726	5.3	4.4	144	10.0f		121	34	299			m i ke	LDG	80823041
2018/08/23	23:36:07.83		0.84	50.1510	12.3140				0.0	15.6	16	11	189	0.66	3.97	m i ke	BUG	80823031
2018/08/23	23:36:08.70	0.76	0.41	50.2200	12.4280				10.2	8.5		12	109	0.67	3.97	m i ke	BNS	80823021
2018/08/23	23:36:07.83	0.28		50.2350	12.4510	3.3	2.2	099	8.3	3.9	23	16	110	0.07	1.14	m i ke	BGR	80823011
2018/08/23	23:36:08.50	0.38	0.11	50.2360	12.4540				4.9	2.4	22	11	256	0.07	0.53	m i ke	CLL	80823001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.3	34 LDG	80823041
MD	4.4	0.2	9 BUG	80823031
ML	3.8	0.2	10 BUG	80823031
ML	3.2		BNS	80823021
ML	3.4	0.3	6 BGR	80823011
ML	3.3	0.3	10 CLL	80823001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WERN	0.07	315.9	Pg	23:36:10.090	0.0					T__				m_i	ML 3.2
WERN	0.07	315.9	Sg	23:36:11.400	0.2					T__		9691.4	0.37	m_i	
ROHR	0.09	269.1	Pg	23:36:10.200	-0.1					T__				m_i	ML 3.7
ROHR	0.09	269.1	Sg	23:36:11.610	-0.0					T__		23663.2	0.20	m_i	
GUNZ	0.15	328.5	Pg	23:36:11.320	-0.1					T__				m_i	ML 3.1
GUNZ	0.15	328.5	Sg	23:36:13.430	-0.0					T__		4361.4	0.48	m_i	
TANN	0.18	1.6	Pg	23:36:11.730	-0.2					T__				m_i	ML 3.3
TANN	0.18	1.6	Sg	23:36:14.050	-0.3					T__		6239.2	0.21	m_i	
MULD	0.18	350.4	Pg	23:36:11.770	-0.2					T__				m_i	ML 3.5
MULD	0.18	350.4	Sg	23:36:14.120	-0.3					T__		9305.5	0.18	m_e	
VIEL	0.23	257.5	Pg	23:36:12.610	-0.3					T__				m_i	
VIEL	0.23	257.5	Sg	23:36:15.640	-0.3					T__				m_i	
WERD	0.23	336.1	Pg	23:36:12.720	-0.2					T__				m_i	ML 3.0

WERD	0.23	336.1	Sg	23:36:15.620	-0.4	T__	2310.1	0.47	m_e										
TRIB	0.23	299.9	Pg	23:36:12.730	-0.2	T__			m_i	ML	3.1								
TRIB	0.23	299.9	Sg	23:36:16.060	0.0	T__	2638.1	0.13	m_i										
PLN	0.31	322.9	Pg	23:36:14.280	-0.2	T__			m_i	ML	3.0								
PLN	0.31	322.9	Sg	23:36:18.370	-0.2	T__	1630.6	0.17	m_i										
MANZ	0.33	221.7	Pg	23:36:14.459	-0.4	---			m_e										
SCHF	0.44	355.8	Pg	23:36:16.640	-0.2	T__			m_i	ML	3.7								
SCHF	0.44	355.8	Sg	23:36:22.490	-0.1	T__	5603.1	0.21	m_i										
GRZ1	0.48	342.0	Pg	23:36:17.270	-0.3	T__			m_i	ML	3.2								
GRZ1	0.48	342.0	Sg	23:36:23.320	-0.5	T__	1883.2	0.33	m_i										
ROTZ	0.50	198.8	Pg	23:36:17.463	-0.4	---			m_e										
ROTZ	0.50	198.8	Sg	23:36:23.809	-0.5	---			m_e										
ZEU	0.53	325.3	Pg	23:36:18.260	-0.3	---			m_i										
ZEU	0.53	325.3	Sg	23:36:25.150	-0.3	---			m_i										
MOX	0.67	307.8	Pg	23:36:20.891	-0.3	---			m_e	ML	2.8								
MOX	0.67	307.8	Sg	23:36:29.831	-0.1	---			m_e										
FBE	0.89	39.5	Pg	23:36:25.079	-0.3	---			m_e										
GRA1	0.96	236.0	Pg	23:36:26.372	-0.3	---			m_e	ML	3.7								
GRFO	0.96	236.0	Pg	23:36:26.048	-0.6	---			m_e										
WET	1.13	165.7	Pg	23:36:28.940	-0.8	---			m_e	ML	3.3								
WET	1.13	165.7	Sg	23:36:43.190	-1.1	---		3.4	m__										
CLL	1.13	17.7	Pg	23:36:28.777	-1.0	---			m_e	ML	3.5								
BRG	1.14	55.5	Pg	23:36:28.856	-1.1	---			m_e	ML	3.4								
GEC2	1.61	149.3	Pg	23:36:36.087	-2.8	---			m_e										
UBBA	1.66	291.4	Pg	23:36:38.880	-1.0	---			m__	ML	3.6								
UBBA	1.66	291.4	Sg	23:36:59.790	-1.6	---		1.5	m__										
CLZ	2.07	321.6	Pn	23:36:42.800	-0.3	---			m_e	ML	3.7								
CLZ	2.07	321.6	Pg	23:36:47.190	-0.4	---			m__										
CLZ	2.07	321.6	Sg	23:37:12.920	-1.4	---		1.2	m__										
TNS	2.56	271.2	Pn	23:36:50.600	0.9	---			m__	ML	3.8								
NRDL	2.69	327.9	Pn	23:36:54.900	3.4	---			m__	ML	3.3								
KAST	2.73	292.3	Pn	23:36:52.400	0.4	---			m__	ML	3.6								
BGG	3.27	271.4	Pn	23:36:59.800	0.4	---			m_e										
BGG	3.27	271.4	Sn	23:37:36.200	0.2	---			m_e										
AHRW	3.44	277.2	Pn	23:37:03.900	2.2	---			m__	ML	3.8								
BKLB	3.49	292.2	Pn	23:37:02.400	0.1	---			m__	ML	3.7								
BUG	3.49	292.2	Pn	23:37:02.500	0.2	---			m__	ML	3.9								
BPFI	3.51	291.7	Pn	23:37:03.000	0.5	---			m__	ML	3.8								
IBBE	3.57	307.1	Pg	23:37:15.600	-0.2	---			m__										
RAST	3.98	314.1	Pn	23:37:01.900	-7.0	---			m__										
DREG	3.98	278.5	Pn	23:37:08.900	-0.1	---			m_e										

Event 80829014 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/29	20:29:56.84	0.53	0.69	51.5090	16.0610	5.6	2.2	020	1.0f		25	16	223	0.68	3.57	m i ki	BGR	80829014

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.4	13 BGR	80829014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	167.6	Pg	20:30:10.068	0.4					T__				m_e	ML 2.6
DPC	1.17	171.8	Pg	20:30:18.822	-0.1					T__				m_e	ML 3.8

DPC	1.17	171.8	Sg	20:30:34.563	0.5	T__	m_e		
BRG	1.47	245.2	Sg	20:30:44.622	1.0	T__	m_e ML	3.4	
CLL	1.92	265.2	Pn	20:30:28.873	-0.9	T__	m_e ML	3.3	
CLL	1.92	265.2	Sg	20:30:57.776	-0.0	T__	m_e		
MORC	1.97	151.0	Pn	20:30:30.244	-0.3	T__	m_e ML	3.8	
MORC	1.97	151.0	Sg	20:30:59.749	0.3	T__	m_e		
OKC	2.13	140.8	Sg	20:31:03.815	-0.7	T__	m_e ML	3.3	
TANN	2.52	245.6	Sg	20:31:17.177	0.4	T__	m_e		
WERD	2.59	247.3	Sg	20:31:19.387	0.2	T__	m_e		
MOX	2.92	254.5	Sg	20:31:29.589	-0.1	T__	m_e ML	3.9	
MANZ	2.93	240.2	Pn	20:30:43.833	0.4	T__	m_e ML	3.6	
MANZ	2.93	240.2	Pg	20:30:52.149	0.1	T__	m_e		
ROTZ	3.00	236.0	Pn	20:30:44.754	0.3	T__	m_e ML	3.5	
ROTZ	3.00	236.0	Pg	20:30:52.633	-0.8	T__	m_e		
ROTZ	3.00	236.0	Sg	20:31:32.618	0.4	T__	m_e		
GEC2	3.06	210.5	Pn	20:30:45.870	0.6	T__	m_e ML	3.5	
GEC2	3.06	210.5	Pg	20:30:52.589	-2.0	T__	m_e		
WET	3.12	221.9	Pn	20:30:46.944	0.9	T__	m_e ML	3.5	
WET	3.12	221.9	Sg	20:31:36.076	0.2	T__	m_e		
CLZ	3.54	277.6	Pn	20:30:52.257	0.4	T__	m_e ML	3.7	
CLZ	3.54	277.6	Sg	20:31:49.774	0.4	T__	m_e		
GRA1	3.57	241.3	Pn	20:30:52.800	0.6	T__	m_e ML	4.2	
GRA1	3.57	241.3	Sg	20:31:50.982	0.8	T__	m_e		

Event 80830008 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2018/08/30	03:33:02.30	0.44	1.80	43.8199	16.5750	9.7	8.4	177	10.0f		169	39	121			m i ke	LDG	80830018	
2018/08/30	03:33:07.40	0.25	0.11	43.7100	15.9350				10.0f				8	355	8.73	9.74	m i ke	BNS	80830018
2018/08/30	03:33:04.73	0.69	1.06	44.0270	16.7700	16.7	10.0	082	10.0f		32	24	319	2.93	9.77	m i ke	BGR	80830008	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.4	0.3	40 LDG	80830018
ML	4.4		BNS	80830018
ML	4.8	0.3	14 BGR	80830008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	2.93	328.6	Pn	03:33:50.004	-0.4					T__				m_e ML	4.7
ARSA	3.34	345.3	Pn	03:33:56.228	0.3					T__				m_e ML	4.2
ARSA	3.34	345.3	Sn	03:34:34.895	2.1					T__				m_e	
MOA	4.20	336.4	Pn	03:34:08.693	1.1					T__				m_e	
MOA	4.20	336.4	Sn	03:34:58.102	5.0					T__				m_e	
RJOB	4.63	324.7	Pn	03:34:14.962	1.6					T__				m_e ML	4.5
GEC2	5.26	337.4	Pn	03:34:22.517	0.6					T__				m_e ML	4.5
GEC2	5.26	337.4	Sn	03:35:22.802	4.8					T__				m_e	
FUR	5.62	319.3	Pn	03:34:28.345	1.5					T__				m_e ML	5.0
WET	5.77	333.8	Pn	03:34:28.867	-0.0					T__				m_e ML	4.5
WET	5.77	333.8	Sn	03:35:34.500	4.5					T__				m_e	
UBR	5.90	310.6	Pn	03:34:31.789	1.1					T__				m_e ML	5.1
NORI	6.32	320.1	Pn	03:34:37.201	0.9					T__				m_e ML	4.8
WILA	6.45	304.5	Pn	03:34:39.069	1.0					T__				m_e ML	5.2

ROTZ	6.53	333.1	Pn	03:34:39.151	0.0	T__	m_e	ML	4.8
ROTZ	6.53	333.1	Sn	03:35:51.959	4.1	T__	m_e		
MANZ	6.75	333.6	Pn	03:34:42.243	0.1	T__	m_e	ML	4.7
MANZ	6.75	333.6	Sn	03:35:56.534	3.5	T__	m_e		
TANN	7.02	337.0	Pn	03:34:46.595	0.7	T__	m_e	ML	4.8
TANN	7.02	337.0	Sn	03:36:04.309	4.9	T__	m_e		
STU	7.05	314.9	Pn	03:34:45.251	-1.0	T__	m_e	ML	5.2
BRG	7.11	345.4	Pn	03:34:47.680	0.7	T__	m_e		
BFO	7.25	309.4	Pn	03:34:49.227	0.3	T__	m_e	ML	4.9
BFO	7.25	309.4	Sn	03:36:07.814	3.0	T__	m_e		
MOX	7.48	334.0	Pn	03:34:52.268	0.2	T__	m_e		
CLL	7.71	342.2	Pn	03:34:55.673	0.5	T__	m_e		
NEUB	7.93	336.7	Pn	03:35:00.152	2.0	T__	m_e		
UBBA	8.18	328.5	Pn	03:35:04.704	3.1	T__	m_e		
TNS	8.38	320.6	Pn	03:35:05.874	1.6	T__	m_e		
KOE	8.85	319.4	Pn	03:35:12.700	2.0	---	m_e		
BGG	8.90	317.3	Pn	03:35:13.100	1.8	---	m_e		
WLF	9.18	311.6	Pn	03:35:17.800	2.7	T__	m_e		
AHRW	9.24	318.2	Pn	03:35:18.279	2.3	T__	m_e		
HILG	9.28	316.0	Pn	03:35:18.300	1.9	---	m_e		
HOBG	9.42	320.9	Pn	03:35:20.900	2.5	---	m_e		
BNS	9.48	320.4	Pn	03:35:21.900	2.7	---	m_e		
KLL	9.68	316.8	Pn	03:35:23.800	1.9	---	m_e		
DREG	9.73	316.7	Pn	03:35:24.400	1.8	---	m_e		
DREG	9.73	316.7	Sn	03:37:08.600	5.5	---	13.7	0.78	m_e
BUG	9.77	322.7	Pn	03:35:26.134	3.0	T__	m_e		
LAUG	9.85	321.5	Pn	03:35:27.000	2.8	---	m_e		

Event 80830006 NE of Altdorf, Uri/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/30	12:27:40.40	0.06	0.59	46.8856	8.9158	1.1	1.0	022	5.0f		158	25	055			m i ke	LDG	80830026
2018/08/30	12:27:40.08	0.14	1.35	46.8857	8.9291	1.2	0.7	001	7.3	3.4	42	7	001			m i uk	ZAMG	80830016
2018/08/30	12:27:41.19	0.52		46.8730	8.9230	7.8	4.4	003	14.0	2.2	29	14	232	0.36	3.62	m i ke	BGR	80830006

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	28 LDG	80830026
ML	3.1	0.2	13 ZAMG	80830016
ML	2.8	0.4	13 BGR	80830006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.36	60.5	Pg	12:27:46.919	-1.4					T__				m_e	ML 2.4
PLONS	0.36	60.5	Sg	12:27:51.651	-1.6					T__				m_e	
WILA	0.54	358.9	Pg	12:27:50.807	-0.9					T__				m_e	ML 3.0
WILA	0.54	358.9	Sg	12:27:58.262	-0.6					T__				m_e	
SULZ	0.86	320.3	Pn	12:27:57.126	-1.1					T__				m_e	ML 2.9
SULZ	0.86	320.3	Pg	12:27:58.610	1.1					T__				m_e	
SLE	0.94	342.1	Pn	12:27:57.974	-1.4					T__				m_e	ML 3.8
SLE	0.94	342.1	Pg	12:27:59.627	0.6					T__				m_e	
SLE	0.94	342.1	Sg	12:28:12.827	1.5					T__				m_e	
BALST	0.96	299.4	Pn	12:27:58.530	-1.0					T__				m_e	ML 2.6

BALST	0.96	299.4	Pg	12:28:00.360	1.0	T__	m_e		
BALST	0.96	299.4	Sn	12:28:11.611	-0.9	T__	m_e		
BALST	0.96	299.4	Sg	12:28:14.114	2.3	T__	m_e		
OBER	1.07	59.7	Sg	12:28:17.184	1.6	T__	m_e ML	2.0	
UBR	1.14	44.4	Pn	12:28:02.191	0.1	T__	m_e ML	2.9	
UBR	1.14	44.4	Pg	12:28:03.299	0.5	T__	m_e		
UBR	1.14	44.4	Sg	12:28:19.455	1.8	T__	m_e		
BFO	1.51	344.9	Sn	12:28:25.482	-0.1	T__	m_e ML	2.6	
BFO	1.51	344.9	Sg	12:28:28.144	-1.2	T__	m_e		
PART	1.62	66.5	Sg	12:28:33.788	1.1	T__	m_e ML	2.3	
STU	1.91	5.4	Sn	12:28:34.778	-0.1	T__	m_e ML	2.9	
STU	1.91	5.4	Sg	12:28:39.829	-2.1	T__	m_e		
FUR	2.05	50.1	Pg	12:28:18.552	-1.3	T__	m_e ML	3.0	
FUR	2.05	50.1	Sg	12:28:45.823	-0.5	T__	m_e		
NORI	2.17	31.1	Sg	12:28:50.192	-0.1	T__	m_e ML	2.7	
WET	3.49	47.9	Pn	12:28:34.467	0.6	T__	m_e ML	3.0	
WET	3.49	47.9	Sn	12:29:14.059	2.1	T__	m_e		
ROTZ	3.62	35.8	Pn	12:28:34.769	-1.0	T__	m_e		
ROTZ	3.62	35.8	Pg	12:28:48.729	-0.8	T__	m_e		

Event 80831005 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/31	13:03:18.05	0.63	1.55	44.0270	12.9170	13.3	7.8	158	10.0f		35	20	289	2.73	6.90	m i ke	BGR	80831005

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.3	10 BGR	80831005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	2.73	24.3	Pg	13:04:08.990	-0.6					T__				m_e ML	4.3
OBKA	2.73	24.3	Sg	13:04:46.650	1.7					T__				m_e	
KBA	3.07	5.5	Pn	13:04:05.806	0.3					T__				m_e ML	3.6
KBA	3.07	5.5	Pg	13:04:17.246	1.4					T__				m_e	
KBA	3.07	5.5	Sn	13:04:41.592	1.9					T__				m_e	
WTTA	3.36	345.0	Pn	13:04:10.455	1.0					T__				m_e ML	3.9
ARSA	3.70	28.6	Pn	13:04:13.345	-0.8					T__				m_e ML	3.5
ARSA	3.70	28.6	Sn	13:04:54.070	-0.6					T__				m_e	
ARSA	3.70	28.6	Sg	13:05:12.802	-2.9					T__				m_e	
RJOB	3.71	358.7	Pn	13:04:14.743	0.5					T__				m_e ML	3.7
RJOB	3.71	358.7	Sn	13:04:57.493	2.6					T__				m_e	
OBER	3.84	332.5	Pn	13:04:17.119	1.1					T__				m_e	
OBER	3.84	332.5	Sn	13:05:00.476	2.5					T__				m_e	
DAVA	3.89	328.0	Pn	13:04:18.204	1.5					T__				m_e	
PLONS	3.91	321.9	Pn	13:04:18.714	1.8					T__				m_e	
PLONS	3.91	321.9	Sn	13:05:01.895	2.4					T__				m_e	
MOA	3.94	13.3	Pn	13:04:18.030	0.7					T__				m_e	
UBR	4.14	332.8	Pn	13:04:20.574	0.5					T__				m_e ML	4.0
UBR	4.14	332.8	Sn	13:05:07.379	2.3					T__				m_e	
FUR	4.29	345.2	Pn	13:04:22.125	0.0					T__				m_e ML	4.1
WILLA	4.39	321.9	Pn	13:04:23.857	0.4					T__				m_e	
GEC2	4.85	6.1	Pn	13:04:29.198	-0.5					T__				m_e ML	3.7
GEC2	4.85	6.1	Sn	13:05:22.745	1.1					T__				m_e	

WET	5.12	359.7	Pn	13:04:32.304	-1.0	T__	m_e												
WET	5.12	359.7	Sn	13:05:26.881	-1.1	T__	m_e												
BFO	5.35	325.2	Pn	13:04:35.851	-0.6	T__	m_e	ML	3.5										
BFO	5.35	325.2	Sn	13:05:31.708	-1.6	T__	m_e												
ROTZ	5.76	355.4	Pn	13:04:40.598	-1.4	T__	m_e												
GRA1	5.78	349.1	Sn	13:05:43.764	0.2	T__	m_e	ML	3.9										
ECH	5.78	318.4	Pn	13:04:42.276	-0.1	T__	m_e												
ECH	5.78	318.4	Sn	13:05:42.153	-1.4	T__	m_e												
MOX	6.68	352.9	Pn	13:04:52.730	-1.7	T__	m_e												
MOX	6.68	352.9	Sn	13:06:03.646	-0.9	T__	m_e												
TNS	6.90	335.5	Pn	13:04:57.431	-0.0	T__	m_e												
TNS	6.90	335.5	Sn	13:06:11.432	1.6	T__	m_e												

Event 80831007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2018/08/31	15:42:06.33	0.68	1.43	51.2762	15.8137	5.5	2.9	022	0.0	0.0	27	9	001			m i sr	ZAMG	80831017
2018/08/31	15:42:03.78	0.41	0.80	51.4570	16.1320	5.6	2.2	021	1.0f		37	15	234	0.62	3.58	m i ki	BGR	80831007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	14 ZAMG	80831017
ML	3.0	0.3	15 BGR	80831007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.62	170.6	Pg	15:42:15.815	0.3					T__				m_e	ML 2.4
KSP	0.62	170.6	Sg	15:42:24.436	0.9					T__				m_e	
DPC	1.11	173.7	Pg	15:42:24.683	-0.1					T__				m_e	ML 3.5
DPC	1.11	173.7	Sg	15:42:39.915	0.8					T__				m_e	
BRG	1.49	247.8	Pn	15:42:30.132	-0.8					T__				m_e	ML 2.8
BRG	1.49	247.8	Pg	15:42:31.548	-0.3					T__				m_e	
BRG	1.49	247.8	Sg	15:42:51.861	0.7					T__				m_e	
FBE	1.82	254.0	Pn	15:42:36.045	0.6					T__				m_e	ML 2.7
FBE	1.82	254.0	Pg	15:42:37.701	-0.4					T__				m_e	
FBE	1.82	254.0	Sg	15:43:01.212	-0.4					T__				m_e	
MORC	1.90	151.4	Pn	15:42:36.678	0.1					T__				m_e	ML 3.2
MORC	1.90	151.4	Pg	15:42:38.626	-1.0					T__				m_e	
MORC	1.90	151.4	Sg	15:43:02.913	-1.3					T__				m_e	
CLL	1.96	266.9	Pn	15:42:36.664	-0.6					T__				m_e	ML 2.8
CLL	1.96	266.9	Pg	15:42:39.089	-1.6					T__				m_e	
CLL	1.96	266.9	Sg	15:43:06.025	0.0					T__				m_e	
OKC	2.06	140.9	Pn	15:42:38.886	0.2					T__				m_e	ML 2.6
OKC	2.06	140.9	Pg	15:42:41.744	-0.9					T__				m_e	
OKC	2.06	140.9	Sg	15:43:09.539	0.2					T__				m_e	
TANN	2.54	247.2	Pn	15:42:45.499	0.4					T__				m_e	ML 3.1
TANN	2.54	247.2	Pg	15:42:51.429	-0.2					T__				m_e	
TANN	2.54	247.2	Sg	15:43:24.845	0.5					T__				m_e	
WERD	2.61	248.8	Pn	15:42:46.526	0.4					T__				m_e	ML 3.1
WERD	2.61	248.8	Pg	15:42:52.376	-0.6					T__				m_e	
WERD	2.61	248.8	Sg	15:43:26.209	-0.6					T__				m_e	
MANZ	2.94	241.6	Pn	15:42:51.119	0.5					T__				m_e	ML 3.2
MANZ	2.94	241.6	Pg	15:42:59.747	0.5					T__				m_e	

MANZ	2.94	241.6	Sg	15:43:38.622	1.4	T__	m_e						
MOX	2.95	255.8	Pn	15:42:51.138	0.4	T__	m_e ML	3.2					
MOX	2.95	255.8	Pg	15:42:59.112	-0.3	T__	m_e						
MOX	2.95	255.8	Sg	15:43:38.080	0.5	T__	m_e						
ROTZ	3.01	237.4	Pn	15:42:52.120	0.6	T__	m_e ML	3.0					
ROTZ	3.01	237.4	Sg	15:43:38.977	-0.4	T__	m_e						
GEC2	3.04	211.7	Pn	15:42:53.259	1.3	T__	m_e ML	3.1					
GEC2	3.04	211.7	Sg	15:43:39.384	-1.0	T__	m_e						
WET	3.11	223.2	Pn	15:42:53.669	0.8	T__	m_e ML	2.9					
GRA1	3.58	242.4	Pn	15:43:00.936	1.6	T__	m_e ML	3.5					
GRA1	3.58	242.4	Sg	15:43:57.900	0.3	---	m_e						

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

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