

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 60303007 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/03	23:50:47.30	0.13	0.47	51.5831	6.7855	2.1	1.6	028	1.0f		54	15	268			m i sr	LDG	60303037
2016/03/03	23:50:47.60	0.64	0.31	51.5610	6.8270				1.0f			7	308	0.22	1.27	m i ki	BNS	60303027
2016/03/03	23:50:46.20	0.22	0.11	51.5660	6.8480				1.0f			8	255			m i ki	GDNRW	60303017
2016/03/03	23:50:46.15	0.32	0.88	51.5880	6.7950	4.4	2.2	106	1.0f		25	17	153	0.06	2.55	m i ki	BGR	60303007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.1	2 LDG	60303037
ML	2.5	0.3	19 LDG	60303037
ML	1.9		BNS	60303027
ML	1.9		GDNRW	60303017
ML	2.2	0.2	10 BGR	60303007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.06	54.7	Pg	23:50:46.294	-0.9					T__				m_e	
ZERL	0.06	54.7	Sg	23:50:47.412	-0.6					T__				m_e	
BAVN	0.25	53.4	Pg	23:50:50.983	0.1					T__				m_e	
BAVN	0.25	53.4	Sg	23:50:55.262	1.1					T__				m_e	
LAUG	0.25	158.6	Pg	23:50:51.663	0.7					---				m_e	
LAUG	0.25	158.6	Sg	23:50:55.665	1.4					---		104.2	0.42	m_e	
BUG	0.33	116.4	Pg	23:50:52.672	0.3					T__				m_e	ML 1.7
BUG	0.33	116.4	Sg	23:50:57.307	0.7					T__				m_e	
BKLB	0.33	116.4	Pg	23:50:52.646	0.3					T__				m_e	
BTEZ	0.33	114.6	Pg	23:50:52.749	0.3					T__				m_e	
WTSB	0.38	0.4	Pg	23:50:53.221	-0.1					T__				m_e	ML 1.8
WTSB	0.38	0.4	Sg	23:50:57.779	-0.4					T__				m_e	
ENTS	0.52	131.8	Pg	23:50:56.080	0.2					---				m_e	
ENTS	0.52	131.8	Sg	23:51:02.760	0.2					---				m_e	
HMES	0.58	82.8	Sg	23:51:05.360	0.7					---				m_e	
PLH	0.58	178.5	Pg	23:50:57.540	0.4					---				m_e	
PLH	0.58	178.5	Sg	23:51:05.160	0.4					---				m_e	
BNS	0.67	159.0	Pg	23:51:00.089	1.3					---				m_e	
BNS	0.67	159.0	Sg	23:51:09.010	1.6					---				m_e	
HOBG	0.69	150.7	Pg	23:51:00.337	1.1					---				m_e	
HOBG	0.69	150.7	Sg	23:51:09.877	1.7					---				m_e	
SORT	0.77	107.6	Pg	23:51:00.550	-0.1					---				m_e	
SORT	0.77	107.6	Sg	23:51:10.590	-0.0					---		34.1	0.24	m_e	
GSH	0.89	197.2	Pg	23:51:03.270	0.3					---				m_e	
GSH	0.89	197.2	Sg	23:51:15.520	1.1					---		26.7	0.24	m_e	
ACN	0.93	209.0	Pg	23:51:04.180	0.6					---				m_e	
ACN	0.93	209.0	Sg	23:51:16.680	1.1					---		38.3	0.31	m_e	
IBBN	0.93	39.2	Pg	23:51:04.006	0.3					T__				m_e	ML 2.1
IBBN	0.93	39.2	Sg	23:51:17.388	1.6					T__				m_e	
IBBE	0.94	40.5	Sg	23:51:15.510	-0.5					T__				m_e	
KLL	0.99	198.1	Pg	23:51:05.788	1.0					---				m_e	
KLL	0.99	198.1	Sg	23:51:19.404	1.8					---		30.7	0.13	m_e	
DREG	0.99	201.1	Pg	23:51:05.665	0.9					---				m_e	
DREG	0.99	201.1	Sg	23:51:20.020	2.4					---		45.7	0.30	m_e	
STB	0.99	178.4	Pg	23:51:06.370	1.5					---				m_e	
STB	0.99	178.4	Sg	23:51:19.170	1.4					---				m_e	

		m_e		
57.5	0.30	m_e		
		m_e	ML	2.2
		m_e		
		m_e	ML	2.1
		m_e		
		m_e		
		m_e		
		m_e		
		m_e		
28.9	0.28	m_e		
		m_e	ML	2.2
		m_e	ML	2.4
		m_e	ML	2.2
		m_e	ML	2.5
		m_e		
		m_e	ML	2.3

[illegible]

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER3	0.01	122.4	Pg	21:58:47.500	0.3					T__				m__	ML	2.4
ZER3	0.01	122.4	Sg	21:58:48.100	0.6					T__		48.8		m__		
ZER1	0.03	172.7	Pg	21:58:47.700	0.3					T__				m__	ML	2.2
ZER1	0.03	172.7	Sg	21:58:48.800	1.0					T__		41.9		m__		
ZERL	0.03	88.7	Pg	21:58:48.200	0.7					T__				m__		
ZERL	0.03	88.7	Sg	21:58:48.700	0.8					T__		13.1		m__		
BAVN	0.22	57.7	Pg	21:58:52.700	1.7					T__				m__	ML	2.4
BAVN	0.22	57.7	Sg	21:58:56.800	2.9					T__		2.2		m__		
LAUG	0.28	163.9	Pg	21:58:52.980	0.9					___				m_e		
BULI	0.32	121.0	Pg	21:58:54.300	1.5					T__				m__	ML	2.2
BULI	0.32	121.0	Sg	21:58:58.300	1.3					T__		0.8		m__		
BPFI	0.32	128.3	Pg	21:58:54.200	1.3					T__				m__	ML	2.1
BPFI	0.32	128.3	Sg	21:58:58.200	1.1					T__		0.6		m__		
BUG	0.33	122.5	Pg	21:58:54.400	1.3					T__				m__	ML	2.0

BUG	0.33	122.5	Sg	21:58:58.300	0.9
BKLB	0.33	122.6	Pg	21:58:54.400	1.3
BTEZ	0.33	120.7	Pg	21:58:54.400	1.3
WTSB	0.35	357.8	Pg	21:58:55.055	1.7
WTSB	0.35	357.8	Sg	21:59:00.002	2.2
ENTS	0.53	135.6	Pg	21:58:57.940	1.2
ENTS	0.53	135.6	Sg	21:59:04.870	1.3
PLH	0.62	180.0	Pg	21:59:00.080	1.7
PLH	0.62	180.0	Sg	21:59:07.780	1.4
HOBG	0.71	153.0	Pg	21:59:01.626	1.4
SORT	0.77	110.2	Pg	21:59:02.410	1.2
SORT	0.77	110.2	Sg	21:59:12.570	1.4
IBBN	0.90	39.8	Pg	21:59:05.500	1.8
IBBN	0.90	39.8	Sg	21:59:19.100	3.8
GSH	0.93	197.5	Pg	21:59:06.180	1.9
GSH	0.93	197.5	Sg	21:59:18.010	1.8
ACN	0.96	208.9	Pg	21:59:06.540	1.6
ACN	0.96	208.9	Sg	21:59:19.850	2.5
HGN	1.02	213.4	Pg	21:59:07.400	1.4
HGN	1.02	213.4	Sg	21:59:20.900	1.7
DREG	1.03	201.3	Pg	21:59:07.521	1.4
DREG	1.03	201.3	Sg	21:59:20.976	1.6
TDN	1.05	175.7	Pg	21:59:08.060	1.5
TDN	1.05	175.7	Sg	21:59:21.360	1.3
KAST	1.08	112.1	Pg	21:59:08.100	1.0
KAST	1.08	112.1	Sg	21:59:23.600	2.5
AHRW	1.09	171.4	Pg	21:59:08.400	1.0
AHRW	1.09	171.4	Sg	21:59:24.300	2.8
MEM	1.13	207.0	Pg	21:59:08.842	0.7
MEM	1.13	207.0	Sg	21:59:23.961	1.2
OLFT	1.15	192.7	Sg	21:59:24.920	1.5
BHE	1.29	169.7	Pg	21:59:12.050	1.0
BHE	1.29	169.7	Sg	21:59:28.640	0.9
KOE	1.33	154.0	Pg	21:59:12.434	0.7
HILG	1.33	183.9	Pg	21:59:12.688	0.8
LOH	1.45	187.2	Pg	21:59:14.630	0.5
LOH	1.45	187.2	Sg	21:59:33.210	0.4
BGG	1.45	166.8	Pg	21:59:14.214	0.1
TNS	1.73	143.1	Pg	21:59:19.994	0.5
TNS	1.73	143.1	Sg	21:59:41.728	-0.1
WLF	2.00	192.5	Sg	21:59:49.395	-1.0
CLZ	2.21	82.9	Sg	21:59:58.109	1.1

T__	0.5	m__		
T__		m__	ML	1.9
T__		m__	ML	2.0
---		m_e	ML	1.9
---		m_e		
---		m_e		
---		m_e		
---		m_e		
---		m_e		
---		m_e		
---	26.6	0.49	m_e	
T__		m__	ML	2.2
T__	0.2	m__		
---		m_e		
---	20.4	0.18	m_e	
---		m_e		
---	56.4	0.16	m_e	
T__		m__	ML	2.2
T__	0.1	m__		
---		m_e		
---	62.4	0.27	m_e	
---		m_e		
---	24.8	0.52	m_e	
T__		m__	ML	2.3
T__	0.2	m__		
T__		m__	ML	2.0
T__	0.2	m__		
---		m_e		
---		m_e		
---		m_e		
---		m_e		
---	38.2	0.38	m_e	
---		m_e		
---		m_e		
---		m_e		
---	35.2	0.47	m_e	
---		m_e		
---		m_e	ML	2.3
---		m_e		
---		m_e		
---		m_e		

Event 60308001 Poland																		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/08	03:52:10.00	0.67	1.66	51.3826	16.2179	17.3	6.3	014	1.0f		77	21	097			m i sr	LDG	60308021
2016/03/08	03:52:11.33	0.69	0.98	51.3339	15.9657	5.7	4.2	057	0.0	0.0	38	12	161			m i sr	ZAMG	60308011
2016/03/08	03:52:09.00	0.32	0.62	51.5100	16.1730	3.3	2.2	019	1.0f		37	15	200	0.67	3.63	m i ki	BGR	60308001
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.3	10 LDG	60308021

ML	3.1	0.2	11	ZAMG	60308011
ML	3.5	0.4	14	BGR	60308001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	173.5	Pg	03:52:22.013	0.4					T__				m_e	ML 2.7
KSP	0.67	173.5	Sg	03:52:30.751	0.4					T__				m_e	
DPC	1.16	175.3	Pg	03:52:30.815	-0.1					T__				m_e	ML 3.9
DPC	1.16	175.3	Sg	03:52:46.724	0.8					T__				m_e	
BRG	1.54	246.4	Pn	03:52:35.975	-0.8					T__				m_e	ML 3.3
BRG	1.54	246.4	Pg	03:52:37.784	-0.2					T__				m_e	
BRG	1.54	246.4	Sg	03:52:58.701	0.9					T__				m_e	
FBE	1.86	252.7	Pn	03:52:40.776	-0.4					T__				m_e	ML 3.1
FBE	1.86	252.7	Pg	03:52:43.554	-0.5					T__				m_e	
FBE	1.86	252.7	Sg	03:53:08.372	0.2					T__				m_e	
MORC	1.94	152.9	Pn	03:52:42.258	0.0					T__				m_e	ML 3.8
MORC	1.94	152.9	Pg	03:52:45.942	0.4					T__				m_e	
MORC	1.94	152.9	Sg	03:53:10.561	-0.0					T__				m_e	
CLL	1.99	265.4	Pn	03:52:42.273	-0.6					T__				m_e	ML 3.2
CLL	1.99	265.4	Pg	03:52:45.761	-0.7					T__				m_e	
CLL	1.99	265.4	Sg	03:53:12.724	0.6					T__				m_e	
OKC	2.09	142.4	Pg	03:52:47.822	-0.5					T__				m_e	ML 3.0
OKC	2.09	142.4	Sg	03:53:14.836	-0.5					T__				m_e	
TANN	2.58	246.3	Pn	03:52:51.373	0.4					T__				m_e	ML 3.6
TANN	2.58	246.3	Pg	03:52:57.349	-0.3					T__				m_e	
TANN	2.58	246.3	Sg	03:53:30.175	-0.8					T__				m_e	
OJC	2.63	118.0	Pn	03:52:50.659	-0.9					T__				m_e	
OJC	2.63	118.0	Pg	03:52:58.640	0.1					T__				m_e	
OJC	2.63	118.0	Sg	03:53:33.449	1.0					T__				m_e	
WERD	2.66	247.9	Pn	03:52:52.318	0.4					T__				m_e	ML 3.5
WERD	2.66	247.9	Pg	03:52:58.889	-0.2					T__				m_e	
WERD	2.66	247.9	Sg	03:53:33.253	-0.1					T__				m_e	
MOX	2.99	255.0	Pn	03:52:56.554	0.1					T__				m_e	ML 3.9
MOX	2.99	255.0	Pg	03:53:04.529	-0.8					T__				m_e	
MOX	2.99	255.0	Sg	03:53:44.933	0.9					T__				m_e	
GEC2	3.10	211.7	Sg	03:53:46.781	-0.7					T__				m_e	ML 3.5
WET	3.17	222.9	Pn	03:52:59.168	0.3					T__				m_e	ML 3.5
WET	3.17	222.9	Sg	03:53:49.490	-0.1					T__				m_e	
CLZ	3.61	277.5	Pn	03:53:05.906	1.0					T__				m_e	ML 3.6
CLZ	3.61	277.5	Pg	03:53:17.157	0.1					T__				m_e	
CLZ	3.61	277.5	Sg	03:54:04.451	0.7					T__				m_e	
GRA1	3.63	241.9	Sg	03:54:05.708	1.4					T__				m_e	ML 4.0

Event 60308011 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/08	17:36:54.30	0.15	0.95	51.6263	6.7979	2.5	2.2	172	1.0f		80	24	153			m i sr	LDG	60308051
2016/03/08	17:36:54.60	0.32	0.11	51.6120	6.8190				0.9	7.3		12	198	0.27	1.44	m i ki	BNS	60308041
2016/03/08	17:36:53.80	0.21	0.11	51.5960	6.8190				1.0f			9	259			m i ki	GDNRW	60308031
2016/03/08	17:36:54.39	0.32	0.75	51.5950	6.7970	4.4	2.2	107	1.0f		19	9	153	0.33	2.23	m i ki	BGR	60308021
2016/03/08	17:36:53.00		0.76	51.6100	6.8100				3.0	2.0	29	18	165	0.02	1.08	m i ki	BUG	60308011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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MD	3.1	0.1	2	LDG	60308051
ML	3.1	0.3	28	LDG	60308051
ML	2.5			BNS	60308041
ML	2.5			GDNRW	60308031
ML	2.8	0.1	8	BGR	60308021
MD	3.0	0.2	10	BUG	60308011
ML	3.3	0.1	6	BUG	60308011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER3	0.02	81.1	Pg	17:36:53.800	0.2					T__				m__	
ZER3	0.02	81.1	Sg	17:36:54.500	0.5					T__		405.8		m__	
ZER1	0.02	148.2	Pg	17:36:54.000	0.4					T__				m__	ML 2.7
ZER1	0.02	148.2	Sg	17:36:54.900	0.9					T__		141.5		m__	
ZERL	0.04	73.8	Pg	17:36:54.400	0.5					T__				m__	ML 3.0
ZERL	0.04	73.8	Sg	17:36:55.700	1.2					T__		216.9		m__	
BRH3	0.18	236.7	Pg	17:36:57.800	1.4					T__				m__	ML 2.9
BRH3	0.18	236.7	Sg	17:36:58.800	0.1					T__		10.5		m__	
BAVS	0.22	65.7	Pg	17:36:58.600	1.4					T__				m__	
BAVN	0.23	56.4	Pg	17:36:59.000	1.6					T__				m__	
LAUG	0.27	162.1	Pg	17:36:59.362	1.2					---				m_e	
LAUG	0.27	162.1	Sg	17:37:03.565	1.9					---		403.4	0.51	m_e	
BULI	0.32	118.9	Pg	17:37:00.500	1.4					T__				m__	ML 2.8
BPFI	0.32	126.2	Pg	17:37:00.400	1.3					T__				m__	ML 2.9
BUG	0.33	120.5	Pg	17:37:00.700	1.4					T__				m__	ML 3.2
BUG	0.33	120.5	Sg	17:37:05.100	1.5					T__		2.5		m__	
BKLB	0.33	120.5	Pg	17:37:00.600	1.3					T__				m__	
BTEZ	0.33	118.7	Pg	17:37:00.900	1.6					T__				m__	
WTSB	0.36	358.9	Pg	17:37:01.463	1.7					---				m_e	ML 2.6
WTSB	0.36	358.9	Sg	17:37:06.812	2.5					---				m_e	
ENTS	0.53	134.3	Pg	17:37:04.150	1.2					---				m_e	
ENTS	0.53	134.3	Sg	17:37:11.280	1.6					---				m_e	
HMES	0.57	84.8	Sg	17:37:13.300	2.1					T__				m__	
PLH	0.61	179.4	Pg	17:37:05.300	0.9					---				m_e	
PLH	0.61	179.4	Sg	17:37:13.690	1.4					---				m_e	
HOBG	0.71	152.2	Pg	17:37:07.975	1.6					---				m_e	
SORT	0.77	109.3	Pg	17:37:08.630	1.1					---				m_e	
SORT	0.77	109.3	Sg	17:37:19.290	1.9					---		92.1	0.34	m_e	
IBBS	0.89	40.3	Pg	17:37:13.000	3.2					T__				m__	ML 3.0
IBBS	0.89	40.3	Sn	17:37:26.400	1.6					T__		1.0		m__	
IBBN	0.91	39.7	Pg	17:37:11.300	1.2					T__				m__	ML 3.0
IBBN	0.91	39.7	Sn	17:37:26.100	0.8					T__		0.9		m__	
IBBN	0.91	39.7	Sg	17:37:24.436	2.5					---				m_e	
GSH	0.91	197.3	Pg	17:37:11.540	1.3					---				m_e	
GSH	0.91	197.3	Sg	17:37:23.670	1.6					---		131.7	0.44	m_e	
IBBE	0.92	40.9	Pg	17:37:11.700	1.4					T__				m__	ML 3.0
ACN	0.95	208.9	Pg	17:37:12.030	1.1					---				m_e	
ACN	0.95	208.9	Sg	17:37:24.900	1.7					---		146.9	0.21	m_e	
HGN	1.01	213.4	Pg	17:37:12.700	0.7					T__				m__	
HGN	1.01	213.4	Sn	17:37:28.300	0.6					T__				m__	
KLL	1.01	198.2	Pg	17:37:13.446	1.4					---				m_e	
DREG	1.01	201.1	Pg	17:37:13.643	1.5					---				m_e	
DREG	1.01	201.1	Sg	17:37:27.977	2.8					---		181.3	0.43	m_e	
STB	1.02	178.9	Pg	17:37:13.593	1.4					---				m_e	
TDN	1.04	175.3	Pg	17:37:13.860	1.3					---				m_e	
TDN	1.04	175.3	Sg	17:37:27.450	1.4					---		156.7	0.40	m_e	

KAST	1.08	111.5	Pn	17:37:15.100	0.7	T__				m__	ML	2.8	
KAST	1.08	111.5	Pg	17:37:14.500	1.1	T__				m__			
KAST	1.08	111.5	Sg	17:37:30.100	2.7	T__			0.5	m__			
AHRW	1.08	171.0	Pg	17:37:14.700	1.3	T__				m__	ML	3.0	
AHRW	1.08	171.0	Sg	17:37:30.300	2.9	T__			0.7	m__			
MEM	1.12	207.0	Pg	17:37:14.911	0.8	___				m_e			
MEM	1.12	207.0	Sg	17:37:30.280	1.7	___				m_e			
OLFT	1.14	192.5	Pg	17:37:15.520	1.0	___				m_e			
OLFT	1.14	192.5	Sg	17:37:31.050	1.7	___				m_e			
BHE	1.28	169.4	Pg	17:37:17.950	0.9	___				m_e			
BHE	1.28	169.4	Sg	17:37:34.700	1.1	___			125.8	0.43	m_e		
KOE	1.32	153.6	Pg	17:37:18.670	0.8	___					m_e		
HILG	1.32	183.6	Pg	17:37:18.670	0.8	___					m_e		
LOH	1.44	187.0	Pg	17:37:20.490	0.4	___					m_e		
LOH	1.44	187.0	Sg	17:37:39.200	0.5	___			91.6	0.37	m_e		
BGG	1.44	166.5	Pg	17:37:20.429	0.2	___					m_e		
TNS	1.73	142.7	Pn	17:37:24.777	1.6	___					m_e	ML	2.8
TNS	1.73	142.7	Pg	17:37:27.032	1.4	___					m_e		
TNS	1.73	142.7	Sg	17:37:49.134	1.2	___					m_e		
WLF	1.99	192.4	Pg	17:37:31.086	0.6	___					m_e	ML	2.8
WLF	1.99	192.4	Sg	17:37:55.328	-0.9	___					m_e		
CLZ	2.22	82.6	Pn	17:37:31.026	1.2	___					m_e	ML	2.8
CLZ	2.22	82.6	Sg	17:38:04.054	0.6	___					m_e		

Event 60309002 Balingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/09	08:53:58.40	0.06	0.69	48.2195	8.9831	1.0	1.0	072	6.0f		96	17	059			m i ke	LDG	60309032
2016/03/09	08:53:57.15	0.63	0.63	48.2567	8.9864	7.1	2.2	027	0.0	0.0	18	4	032			m i sm	ZAMG	60309022
2016/03/09	08:53:58.32	0.14	0.44	48.2360	8.9900	1.1	1.1	108	10.0f		51	27	034	0.35	3.18	m i ke	BGR	60309012
2016/03/09	08:53:58.21	0.06	0.15	48.2160	8.9960	0.7	0.5	097	6.0	2.0	62	28	060	0.17	1.24	m i ke	LED	60309002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.3	15 LDG	60309032
ML	2.6	0.2	4 ZAMG	60309022
ML	2.3	0.3	20 BGR	60309012
ML	2.3	0.2	29 LED	60309002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GUT	0.17	151.2	Pg	08:54:01.560	0.1					T__				mdi	ML	2.2
GUT	0.17	151.2	Sg	08:54:04.130	0.4					T__				m__		
TUBL	0.31	10.6	Pg	08:54:04.050	-0.1					T__				m__	ML	2.3
TUBL	0.31	10.6	Sg	08:54:08.090	-0.2					T__				m__		
BUCH	0.33	45.3	Pg	08:54:04.690	0.1					T__				mci	ML	2.3
BUCH	0.33	45.3	Sg	08:54:09.330	0.4					T__				m__		
EMING	0.34	197.3	Pg	08:54:04.870	0.2					T__				mci	ML	2.6
EMING	0.34	197.3	Sg	08:54:09.560	0.5					T__				m__		
BFO	0.46	284.7	P*	08:54:07.770						___				m__	ML	2.5
BFO	0.46	284.7	Pg	08:54:07.030	0.1					T__				mci		
BFO	0.46	284.7	Sg	08:54:13.200	0.3					T__				m__		
LBG	0.47	343.5	Pg	08:54:07.120	0.0					T__				mdi	ML	2.1
LBG	0.47	343.5	PmP	08:54:09.810	-1.1					T__				m__		

LBG	0.47	343.5	Sg	08:54:13.380	0.2
WALHA	0.47	169.5	Pg	08:54:07.350	0.2
WALHA	0.47	169.5	Sg	08:54:14.110	0.8
SISB	0.53	182.3	Pg	08:54:08.530	0.3
SISB	0.53	182.3	Sg	08:54:15.890	0.8
SISB	0.53	182.3	SmS	08:54:20.430	-0.6
SLE	0.56	217.0	Pg	08:54:08.920	0.1
SLE	0.56	217.0	Sg	08:54:16.910	0.8
STU	0.57	13.2	PmP	08:54:11.040	-1.3
STU	0.57	13.2	Sg	08:54:16.417	0.0
STU	0.57	13.2	SmS	08:54:19.920	-2.1
OPP	0.61	297.9	Pg	08:54:09.670	-0.0
OPP	0.61	297.9	PmP	08:54:11.480	-1.4
OPP	0.61	297.9	Sg	08:54:17.400	-0.2
OPP	0.61	297.9	SmS	08:54:20.860	-2.0
BERGE	0.65	238.1	Pg	08:54:10.540	0.1
BERGE	0.65	238.1	Sg	08:54:19.550	0.7
BERGE	0.65	238.1	SmS	08:54:22.310	-1.6
ROMAN	0.69	160.6	Pg	08:54:11.490	0.2
ROMAN	0.69	160.6	PmP	08:54:14.730	0.6
ROMAN	0.69	160.6	Sg	08:54:21.260	1.0
ROMAN	0.69	160.6	SmS	08:54:24.380	-0.6
METMA	0.71	224.9	Pg	08:54:11.540	-0.1
METMA	0.71	224.9	PmP	08:54:13.150	-1.2
METMA	0.71	224.9	Sg	08:54:21.520	0.7
METMA	0.71	224.9	SmS	08:54:23.760	-1.7
FELD	0.75	243.2	Pg	08:54:12.370	0.1
FELD	0.75	243.2	PmP	08:54:13.570	-1.4
FELD	0.75	243.2	SmS	08:54:25.130	-1.3
KIZ	0.77	250.6	Pg	08:54:12.460	-0.2
KIZ	0.77	250.6	PmP	08:54:13.550	-1.7
KIZ	0.77	250.6	SmS	08:54:25.050	-2.0
WILA	0.80	184.3	Pg	08:54:14.151	0.8
WILA	0.80	184.3	PmP	08:54:15.170	-0.7
WILA	0.80	184.3	Sg	08:54:24.890	1.1
BRET	0.82	345.8	Pg	08:54:13.890	0.1
BRET	0.82	345.8	PmP	08:54:14.850	-1.4
BRET	0.82	345.8	Sg	08:54:25.000	0.6
HDH	0.88	64.9	Pn	08:54:15.290	-1.3
HDH	0.88	64.9	Pg	08:54:14.940	0.0
HDH	0.88	64.9	Sg	08:54:26.640	0.3
HDH	0.88	64.9	SmS	08:54:29.250	-1.0
VOGT	0.89	261.8	Pg	08:54:15.260	0.2
VOGT	0.89	261.8	PmP	08:54:15.900	-1.5
VOGT	0.89	261.8	Sg	08:54:28.270	1.6
SULZ	0.91	221.1	Pg	08:54:15.430	0.1
SULZ	0.91	221.1	PmP	08:54:16.350	-1.3
SULZ	0.91	221.1	Sg	08:54:27.930	0.8
SULZ	0.91	221.1	SmS	08:54:28.900	-2.0
UBR	0.92	125.3	Pn	08:54:16.800	-0.2
UBR	0.92	125.3	Pg	08:54:15.910	0.4
UBR	0.92	125.3	Sg	08:54:28.500	1.1
LIENZ	0.98	159.8	Pn	08:54:17.840	-0.0
END	0.98	239.7	Pn	08:54:17.230	-0.6
END	0.98	239.7	Sn	08:54:29.740	-1.9

T__	m__		
T__	mdi ML	2.3	
T__	m__		
T__	md ML	2.1	
T__	m__		
T__	m__		
T__	mci ML	1.9	
T__	m__		
T__	m ML	2.4	
T__	m_e		
T__	m__		
T__	m ML	2.5	
T__	m__		
T__	m__		
T__	mci ML	2.4	
T__	m__		
T__	m__		
T__	m ML	1.9	
T__	m__		
T__	m__		
T__	m__		
T__	mc ML	2.2	
T__	m__		
T__	m_e		
T__	m__		
T__	mci ML	2.3	
T__	m__		
T__	m__		
T__	m ML	2.5	
T__	m__		
T__	m_e ML	2.5	
T__	m__		
T__	m__		
T__	mdi ML	2.1	
T__	m__		
T__	m__		
T__	m ML	2.3	
T__	m__		
T__	m__		
T__	m ML	2.5	
T__	m__		
T__	m__		
T__	mc ML	2.2	
T__	m__		
T__	m__		
T__	m__		
T__	m ML	2.3	
T__	m__		
T__	m__		
T__	m ML	1.8	
T__	m__		
T__	m__		

ROTT	1.07	328.8	Pn	08:54:19.330	0.2	---	m_	ML	2.1
ROTT	1.07	328.8	Pg	08:54:19.363	0.9	---	m_e		
DAVA	1.10	147.1	Pn	08:54:19.930	0.4	---	m_	ML	2.1
DAVA	1.10	147.1	Pg	08:54:20.186	1.2	---	m_e		
DAVA	1.10	147.1	Sg	08:54:35.340	2.0	---	m_		
WLS	1.11	280.8	Pg	08:54:19.530	0.4	T_	m_	ML	2.6
WLS	1.11	280.8	Sg	08:54:33.980	0.5	---	m_		
OBER	1.19	132.4	Pn	08:54:21.610	0.9	---	m_	ML	1.9
OBER	1.19	132.4	Pg	08:54:21.634	1.0	---	m_e		
OBER	1.19	132.4	Sg	08:54:36.920	0.9	---	m_		
NORI	1.19	64.4	Pg	08:54:20.698	-0.0	---	m_e	ML	2.3
NORI	1.19	64.4	Sg	08:54:36.789	0.7	---	m_e		
PLONS	1.20	167.3	Pg	08:54:21.554	0.8	---	m_e	ML	1.8
PLONS	1.20	167.3	Sg	08:54:36.610	0.4	---	m_e		
PEB	1.20	315.7	Pg	08:54:20.620	-0.2	T_	m_		
PEB	1.20	315.7	Sg	08:54:36.350	0.0	T_	m_		
SIND	1.20	19.3	Pg	08:54:21.170	0.3	---	m_	ML	2.7
SIND	1.20	19.3	Sg	08:54:36.320	-0.1	---	m_		
ECH	1.22	270.7	Pg	08:54:21.770	0.5	---	m_	ML	2.2
ECH	1.22	270.7	Sg	08:54:37.690	0.6	T_	m_		
BALST	1.24	225.3	Pg	08:54:21.935	0.3	---	m_e	ML	2.5
BALST	1.24	225.3	Sg	08:54:38.370	0.7	T_	m_		
KTD	1.26	331.8	Pg	08:54:22.177	0.3	---	m_e		
KTD	1.26	331.8	Sg	08:54:37.961	-0.2	---	m_e		
FUR	1.52	91.2	Pg	08:54:26.924	0.0	---	m_e	ML	2.9
FUR	1.52	91.2	Sg	08:54:47.214	0.7	---	m_e		
MILB	1.62	6.8	Pn	08:54:25.245	-1.3	---	m_e	ML	2.7
MILB	1.62	6.8	Pg	08:54:28.348	-0.5	---	m_e		
MILB	1.62	6.8	Sg	08:54:49.627	-0.2	---	m_e		
ABH	1.92	330.9	Pg	08:54:34.400	0.0	---	m_e		
ABH	1.92	330.9	Sg	08:54:59.021	-0.1	---	m_e		
TNS	2.04	350.1	Pn	08:54:32.100	-0.1	---	m_e		
TNS	2.04	350.1	Sg	08:55:02.675	-0.3	---	m_e		
GRA1	2.08	43.9	Pg	08:54:37.323	-0.0	---	m_e	ML	2.6
GRA1	2.08	43.9	Sg	08:55:02.767	-1.5	---	m_e		
RIVT	2.09	316.4	Pg	08:54:37.520	-0.1	---	m_e		
RIVT	2.09	316.4	Sg	08:55:03.526	-1.1	---	m_e		
WET	2.73	68.6	Pg	08:54:49.611	0.0	---	m_e	ML	2.6
WET	2.73	68.6	Sg	08:55:24.374	-0.4	---	m_e		
MOX	2.97	34.1	Sg	08:55:31.150	-1.3	---	m_e		
GEC2	3.18	76.8	Sg	08:55:39.858	0.7	---	m_e		

Event 60313001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/13	00:58:49.40	0.09	1.13	46.6972	10.6767	2.4	1.7	011	10.0f		142	35	046			m i ke	LDG	60313011
2016/03/13	00:58:50.92	0.40	1.48	46.6420	10.6690	8.9	4.4	011	10.0f		30	20	214	0.84	4.05	m i ke	BGR	60313001
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	35 LDG	60313011
ML	3.0	0.3	10 BGR	60313001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.84	320.4	Pg	00:59:04.957	-1.9					T__				m_e	
WTTA	0.91	46.4	Pg	00:59:06.329	-1.8					T__				m_e	
PLONS	0.97	295.3	Pg	00:59:07.978	-1.3					T__				m_e	
UBR	1.11	340.0	Pg	00:59:11.114	-0.7					T__				m_e	ML 3.1
UBR	1.11	340.0	Sg	00:59:29.207	3.0					T__				m_e	
WILA	1.43	303.4	Pn	00:59:17.193	1.0					T__	49.6			m_e	ML 2.9
WILA	1.43	303.4	Sg	00:59:38.063	1.7					T__				m_e	
FUR	1.58	14.9	Pn	00:59:18.614	0.4					T__	51.2			m_e	ML 3.5
FUR	1.58	14.9	Pg	00:59:19.735	-0.9					T__				m_e	
FUR	1.58	14.9	Sg	00:59:41.683	0.6					T__				m_e	
SLE	1.86	308.0	Pn	00:59:22.315	0.3					T__	21.7			m_e	ML 2.8
SLE	1.86	308.0	Sg	00:59:48.924	-1.1					T__				m_e	
KBA	1.88	75.6	Pn	00:59:24.037	1.7					T__	37.9			m_e	ML 2.6
KBA	1.88	75.6	Sg	00:59:50.023	-0.7					T__				m_e	
SULZ	1.95	297.9	Pn	00:59:24.310	1.0					T__	30.1			m_e	ML 3.1
SULZ	1.95	297.9	Sg	00:59:52.932	-0.1					T__				m_e	
BALST	2.14	290.0	Sg	00:59:57.457	-1.6					T__				m_e	ML 2.6
BFO	2.31	317.7	Pn	00:59:28.451	0.3					T__	14.8			m_e	
MOA	2.72	62.4	Pn	00:59:36.070	2.3					T__	21.9			m_e	
MOA	2.72	62.4	Pg	00:59:39.781	-2.5					T__				m_e	
WET	2.91	29.8	Pn	00:59:36.243	0.0					T__	30.0			m_e	ML 3.0
WET	2.91	29.8	Sn	01:00:11.679	2.8					T__				m_e	
GEC2	3.00	41.7	Pn	00:59:38.049	0.5					T__	18.9			m_e	
GRA1	3.07	6.7	Pn	00:59:37.988	-0.5					T__	2.2			m_e	
GRA1	3.07	6.7	Pg	00:59:47.309	-1.5					T__				m_e	
WERN	3.82	16.6	Pn	00:59:48.526	-0.0					T__	2.4			m_e	
TNS	3.87	338.4	Pn	00:59:50.451	1.1					T__	6.1			m_e	
GUNZ	3.88	15.9	Sg	01:00:52.767	-1.5					T__				m_e	ML 3.3
TANN	3.95	16.8	Sg	01:00:55.677	-0.9					T__				m_e	ML 3.4
MOX	4.05	8.5	Pn	00:59:50.079	-1.7					T__	5.0			m_e	

Event 60313002 Hochkogel Mountain/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/13	08:08:09.90	0.16	0.88	47.6232	14.3677	1.4	1.2	020	8.3	2.5	45	8	033			m i uk	ZAMG	60313012
(felt)																		
2016/03/13	08:08:11.25	0.48	0.93	47.6390	14.3890	6.7	3.3	089	10.0f		20	14	195	0.23	3.51	m i ke	BGR	60313002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	17 ZAMG	60313012
ML	2.4	0.3	11 BGR	60313002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.23	338.6	Pg	08:08:15.189	-0.6					T__	23.0			m_e	
KBA	0.90	232.0	Pg	08:08:27.562	-0.8					T__	4.7			m_e	
OBKA	1.14	174.4	Sg	08:08:46.583	-0.8					T__	2.4			m_e	ML 1.9
GEC2	1.29	339.5	Pg	08:08:35.269	-0.3					T__	39.3			m_e	ML 2.0
GEC2	1.29	339.5	Sg	08:08:52.872	0.5					T__	7.8			m_e	
WET	1.81	326.9	Sg	08:09:09.026	0.3					T__	4.9			m_e	ML 2.0
WTTA	1.90	259.6	Pg	08:08:46.878	-0.2					T__	6.7			m_e	ML 2.0
WTTA	1.90	259.6	Sg	08:09:12.737	1.1					T__	3.1			m_e	

UBR	2.88	272.4	Sg	08:09:43.074	0.2	T__	1.4	m_e	ML	2.6
GRA1	2.93	315.6	Pg	08:09:06.526	0.0	T__	1.6	m_e		
WERN	2.96	334.2	Sg	08:09:45.081	-0.2	T__	3.3	m_e	ML	2.6
GUNZ	3.04	334.4	Pn	08:09:01.403	3.0	T__	1.3	m_e	ML	2.5
GUNZ	3.04	334.4	Pg	08:09:09.364	0.8	T__	1.7	m_e		
GUNZ	3.04	334.4	Sg	08:09:46.881	-1.0	T__	5.2	m_e		
TANN	3.05	336.2	Pg	08:09:08.879	0.1	T__	2.2	m_e	ML	2.5
TANN	3.05	336.2	Sg	08:09:47.643	-0.5	T__	4.8	m_e		
WERD	3.12	334.9	Sg	08:09:49.996	-0.5	T__	2.6	m_e	ML	2.5
PLN	3.20	333.6	Pg	08:09:12.063	0.5	T__	1.5	m_e	ML	2.7
PLN	3.20	333.6	Sg	08:09:52.211	-0.7	T__	4.3	m_e		
MOX	3.51	329.9	Sg	08:10:02.248	-0.6	T__	3.3	m_e	ML	2.7

Event 60313003 Arlberg/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/13	20:00:50.10	0.25	0.83	47.0959	9.9200	4.3	2.7	074	8.0f		87	26	235			m i ke	LDG	60313013
2016/03/13	20:00:47.54	0.25	1.53	47.1670	10.0990	5.6	3.3	167	10.0f		45	22	166	0.19	3.62	m i ke	BGR	60313003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	22 LDG	60313013
ML	2.5	0.4	19 BGR	60313003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.19	308.9	Pg	20:00:50.395	-1.1					T__				m_e	ML 1.8
DAVA	0.19	308.9	Sg	20:00:53.758	-0.5					T__				m_e	
PLONS	0.50	256.7	Pg	20:00:55.543	-1.6					T__				m_e	ML 1.7
PLONS	0.50	256.7	Sg	20:01:02.659	-1.1					T__				m_e	
UBR	0.51	0.7	Pg	20:00:57.921	0.5					T__				m_e	ML 2.2
UBR	0.51	0.7	Sg	20:01:06.718	2.6					T__				m_e	
WILA	0.85	287.5	Pg	20:01:03.096	-0.5					T__				m_e	ML 2.6
WILA	0.85	287.5	Sg	20:01:15.351	0.8					T__				m_e	
WTTA	1.05	84.1	Pg	20:01:09.147	1.8					T__				m_e	
SLE	1.24	299.5	Pg	20:01:10.871	-0.1					T__	3.8			m_e	ML 2.6
SLE	1.24	299.5	Sg	20:01:27.964	0.9					T__				m_e	
FUR	1.27	38.1	Sg	20:01:29.950	1.9					T__				m_e	ML 2.8
SULZ	1.39	285.8	Pg	20:01:13.769	-0.1					T__				m_e	ML 2.6
SULZ	1.39	285.8	Sg	20:01:32.912	1.0					T__				m_e	
BALST	1.64	276.8	Pg	20:01:17.906	-0.6					T__				m_e	ML 2.4
BALST	1.64	276.8	Sg	20:01:39.929	0.2					T__				m_e	
BFO	1.66	315.0	Pn	20:01:16.080	0.1					T__	4.1			m_e	ML 2.0
BFO	1.66	315.0	Pg	20:01:18.392	-0.6					T__				m_e	
BFO	1.66	315.0	Sn	20:01:36.358	0.1					T__	4.2			m_e	
BFO	1.66	315.0	Sg	20:01:40.901	0.4					T__	1.2			m_e	
KBA	2.21	91.1	Pn	20:01:22.690	-0.7					T__	9.8			m_e	ML 2.1
KBA	2.21	91.1	Pg	20:01:27.546	-1.7					T__				m_e	
KBA	2.21	91.1	Sg	20:01:58.029	0.2					T__				m_e	
GRA1	2.63	16.0	Pg	20:01:37.104	-0.1					T__				m_e	ML 2.7
GRA1	2.63	16.0	Sn	20:02:00.487	1.4					T__	1.5			m_e	
GRA1	2.63	16.0	Sg	20:02:05.223	-6.0					T__	1.5			m_e	
WET	2.71	42.1	Pn	20:01:30.149	-0.0					T__	3.9			m_e	ML 2.5
WET	2.71	42.1	Sn	20:02:03.346	2.5					T__	3.5			m_e	

WET	2.71	42.1	Sg	20:02:11.713	-2.0	T__		m_e	
MOA	2.90	74.8	Pn	20:01:34.438	1.7	T__	4.8	m_e ML	2.4
MOA	2.90	74.8	Pg	20:01:40.565	-1.6	T__		m_e	
MOA	2.90	74.8	Sg	20:02:20.387	0.8	T__		m_e	
GEC2	2.94	53.8	Pn	20:01:33.840	0.6	T__	2.0	m_e ML	2.6
GEC2	2.94	53.8	Pg	20:01:42.817	-0.1	T__		m_e	
GEC2	2.94	53.8	Sn	20:02:08.657	2.5	T__	6.4	m_e	
GEC2	2.94	53.8	Sg	20:02:18.893	-2.0	T__		m_e	
TNS	3.24	341.0	Pn	20:01:38.335	0.9	T__	1.8	m_e	
WERN	3.46	24.9	Sg	20:02:36.983	-0.6	T__		m_e ML	2.8
GUNZ	3.52	23.9	Sg	20:02:39.069	-0.3	T__		m_e ML	2.8
PLN	3.58	21.4	Sg	20:02:40.570	-0.9	T__		m_e ML	2.8
WERD	3.59	23.1	Sg	20:02:40.564	-1.0	T__		m_e ML	2.8
TANN	3.60	24.7	Sg	20:02:41.609	-0.4	T__		m_e ML	2.9
MOX	3.62	15.4	Pg	20:01:56.338	0.6	T__		m_e	
MOX	3.62	15.4	Sn	20:02:24.203	2.0	T__	1.9	m_e	
MOX	3.62	15.4	Sg	20:02:41.460	-1.0	T__	1.9	m_e	

Event 60314012 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/14	13:36:12.10	0.06	0.90	44.4357	7.3264	1.5	1.2	069	5.0f		208	42	015			m i ke	LDG	60314022
2016/03/14	13:36:10.77	0.91	1.04	44.2170	6.8510	18.9	11.1	081	10.0f		19	13	306	3.17	6.60	m i ke	BGR	60314012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.6	0.1	2 LDG	60314022
ML	3.9	0.4	51 LDG	60314022
ML	3.9	0.1	8 BGR	60314012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.17	10.4	Pn	13:37:00.168	0.5					T__	6.5			m_e ML	3.9
BALST	3.17	10.4	Sn	13:37:34.482	-0.5					T__	1.7			m_e	
PLONS	3.34	31.1	Sn	13:37:38.153	-0.7					T__	2.9			m_e ML	3.7
SULZ	3.43	14.4	Pn	13:37:02.229	-0.9					T__	6.0			m_e ML	4.0
SULZ	3.43	14.4	Sn	13:37:40.264	-0.7					T__	2.9			m_e	
WILA	3.50	23.4	Sn	13:37:44.762	2.0					T__	3.5			m_e ML	4.0
DAVA	3.73	33.5	Pn	13:37:07.328	0.1					T__	7.0			m_e ML	4.0
DAVA	3.73	33.5	Sn	13:37:48.067	0.1					T__	3.7			m_e	
SLE	3.73	17.2	Pn	13:37:07.550	0.3					T__	9.7			m_e ML	4.0
SLE	3.73	17.2	Sn	13:37:46.047	-2.0					T__	2.4			m_e	
UBR	4.14	32.0	Pn	13:37:14.115	1.4					T__	2.6			m_e ML	3.9
UBR	4.14	32.0	Sn	13:37:56.602	-1.0					T__	2.9			m_e	
BFO	4.24	13.4	Pn	13:37:12.973	-1.1					T__	6.5			m_e ML	3.7
BFO	4.24	13.4	Sn	13:37:58.254	-1.7					T__	2.4			m_e	
WTTA	4.52	45.9	Pn	13:37:17.714	-0.2					T__	8.2			m_e	
KBA	5.36	55.5	Pn	13:37:28.775	-0.6					T__	9.9			m_e	
OBKA	5.87	64.3	Pn	13:37:36.569	0.3					T__	3.2			m_e	
TNS	6.10	9.7	Sn	13:38:44.329	0.5					T__	2.0			m_e	
GEC2	6.60	43.1	Pn	13:37:43.963	-2.2					T__	22.4			m_e	

Event 60323001 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/03/23	00:28:38.30	0.27	0.57	51.5460	6.8112	4.4	3.0	173	1.0f		24	10	280			m i sr	LDG	60323041
2016/03/23	00:28:38.20	0.28	0.11	51.5770	6.9000				1.0f			8	310	0.23	1.40	m i ki	BNS	60323031
2016/03/23	00:28:37.00	0.23	0.11	51.6010	6.8380				1.0f			8	259			m i ki	GDNRW	60323021
2016/03/23	00:28:37.98	0.37	0.92	51.6120	6.8060	4.4	3.3	103	1.0f		15	8	152	0.04	1.73	m i ki	BGR	60323011
2016/03/23	00:28:36.20		0.19	51.6200	6.8200				2.0	1.0	17	10	183	0.01	0.33	m i ki	BUG	60323001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	11 LDG	60323041
ML	1.7		BNS	60323031
ML	1.7		GDNRW	60323021
ML	1.8	0.2	4 BGR	60323011
MD	2.2	0.2	7 BUG	60323001
ML	2.3		3 BUG	60323001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER3	0.01	122.4	Pg	00:28:36.800	0.2					T__				m__	ML 2.2
ZER3	0.01	122.4	Sg	00:28:37.400	0.5					T__		34.1		m__	
ZER1	0.03	172.7	Pg	00:28:37.100	0.3					T__				m__	ML 2.1
ZER1	0.03	172.7	Sg	00:28:38.100	0.9					T__		35.2		m__	
ZERL	0.03	88.7	Pg	00:28:37.500	0.6					T__				m__	
ZERL	0.03	88.7	Sg	00:28:38.200	0.9					T__		8.9		m__	
BRH3	0.19	235.2	Pg	00:28:41.200	1.5					T__				m__	ML 2.1
BRH3	0.19	235.2	Sg	00:28:44.700	2.5					T__		1.3		m__	
BAVS	0.21	67.5	Pg	00:28:41.400	1.2					T__				m__	ML 2.2
BAVS	0.21	67.5	Sg	00:28:45.600	2.7					T__		1.6		m__	
BAVN	0.22	57.7	Pg	00:28:42.100	1.7					T__				m__	
BAVN	0.22	57.7	Sg	00:28:46.600	3.3					T__		1.8		m__	
LAUG	0.28	163.9	Pg	00:28:42.489	1.0					___				m_e	
BULI	0.32	121.0	Pg	00:28:43.500	1.3					T__				m__	ML 2.1
BPFI	0.32	128.3	Pg	00:28:43.500	1.2					T__				m__	ML 1.9
BUG	0.33	122.5	Pg	00:28:43.700	1.2					T__				m__	ML 1.9
BUG	0.33	122.5	Sg	00:28:49.900	3.1					T__		0.4		m__	
BKLB	0.33	122.6	Pg	00:28:43.700	1.2					T__				m__	ML 1.8
WTSB	0.35	357.8	Pg	00:28:44.471	1.7					___				m_e	ML 1.7
WTSB	0.35	357.8	Sg	00:28:50.875	3.7					___				m_e	
ENTS	0.53	135.6	Pg	00:28:47.280	1.1					___				m_e	
ENTS	0.53	135.6	Sg	00:28:54.330	1.3					___				m_e	
PLH	0.62	180.0	Pg	00:28:48.960	1.1					___				m_e	
PLH	0.62	180.0	Sg	00:28:57.080	1.3					___				m_e	
HOBG	0.71	153.0	Pg	00:28:50.712	1.1					___				m_e	
SORT	0.77	110.2	Pg	00:28:51.500	0.9					___				m_e	
SORT	0.77	110.2	Sg	00:29:01.990	1.4					___		14.7	0.32	m_e	
GSH	0.93	197.5	Pg	00:28:54.830	1.2					___				m_e	
GSH	0.93	197.5	Sg	00:29:07.130	1.5					___		21.2	0.22	m_e	
ACN	0.96	208.9	Pg	00:28:55.240	0.9					___				m_e	
ACN	0.96	208.9	Sg	00:29:08.130	1.3					___		29.4	0.22	m_e	
KLL	1.02	198.4	Pg	00:28:56.888	1.4					___				m_e	
DREG	1.03	201.3	Pg	00:28:56.797	1.3					___				m_e	
DREG	1.03	201.3	Sg	00:29:10.999	2.2					___		29.4	0.32	m_e	
TDN	1.05	175.7	Pg	00:28:56.730	0.8					___				m_e	
TDN	1.05	175.7	Sg	00:29:10.440	0.9					___		22.8	0.28	m_e	
KAST	1.08	112.1	Pg	00:28:57.759	1.2					___				m_e	

KAST	1.08	112.1	Sg	00:29:13.695	3.2	---	m_e		
AHRW	1.09	171.4	Pg	00:28:58.206	1.4	---	m_e	ML	1.9
AHRW	1.09	171.4	Sg	00:29:13.778	2.9	---	m_e		
MEM	1.13	207.0	Pg	00:28:58.249	0.7	---	m_e		
MEM	1.13	207.0	Sg	00:29:13.718	1.6	---	m_e		
BHE	1.29	169.7	Pg	00:29:00.980	0.5	---	m_e		
BHE	1.29	169.7	Sg	00:29:17.880	0.8	---	23.2	0.31	m_e
KOE	1.33	154.0	Pg	00:29:01.687	0.5	---	m_e		
HILG	1.33	183.9	Pg	00:29:01.996	0.7	---	m_e		
LOH	1.45	187.2	Pg	00:29:03.730	0.2	---	m_e		
LOH	1.45	187.2	Sg	00:29:22.440	0.2	---	12.8	0.25	m_e
BGG	1.45	166.8	Pg	00:29:03.464	-0.1	---	m_e		
TNS	1.73	143.1	Sg	00:29:32.980	1.7	---	m_e	ML	2.0

Event 60324010 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2016/03/24	21:07:27.50	0.20	0.63	51.3250	6.8292	3.4	2.3	000	1.0f		63	19	192			m i sr	LDG	60324050	
2016/03/24	21:07:22.90	0.77	0.41	51.6380	6.7970				1.0f				9	312	0.30	1.59	m i ki	BNS	60324040
2016/03/24	21:07:23.20	0.21	0.11	51.6180	6.8640				1.0f				8	272			m i ki	GDNRW	60324030
2016/03/24	21:07:22.54	0.87	1.14	51.6000	6.6770	13.3	5.6	120	1.0f		9	6	213	0.40	1.96	m i ki	BGR	60324020	
2016/03/24	21:07:22.40		0.24	51.6200	6.8100				2.0	1.0	19	11	183	0.02	0.57	m i ki	BUG	60324010	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	23 LDG	60324050
ML	1.9		BNS	60324040
ML	1.9		GDNRW	60324030
ML	2.2	0.2	4 BGR	60324020
MD	2.4	0.1	7 BUG	60324010
ML	2.5		3 BUG	60324010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZER3	0.02	112.3	Pg	21:07:23.100	0.2					T_				m_	
ZER3	0.02	112.3	Sg	21:07:23.700	0.5					T_		115.2		m_	
ZER1	0.03	159.5	Pg	21:07:23.400	0.4					T_				m_	ML 2.5
ZER1	0.03	159.5	Sg	21:07:24.300	0.9					T_		84.5		m_	
ZERL	0.04	88.9	Pg	21:07:23.800	0.6					T_				m_	
ZERL	0.04	88.9	Sg	21:07:24.600	0.9					T_		17.8		m_	
BRH3	0.18	234.0	Pg	21:07:27.300	1.4					T_				m_	ML 2.1
BRH3	0.18	234.0	Sg	21:07:30.900	2.7					T_		1.5		m_	
BAVS	0.22	68.2	Pg	21:07:28.200	1.7					T_				m_	
BAVS	0.22	68.2	Sg	21:07:32.000	2.7					T_		2.9		m_	
BAVN	0.23	58.5	Pg	21:07:28.400	1.7					T_				m_	ML 2.4
BAVN	0.23	58.5	Sg	21:07:32.400	2.8					T_		2.3		m_	
LAUG	0.28	162.7	Pg	21:07:28.339	0.6					---				m_e	
BULI	0.33	120.4	Pg	21:07:29.700	1.2					T_				m_	ML 2.3
BPFI	0.33	127.6	Pg	21:07:29.700	1.1					T_				m_	ML 2.0
BPFI	0.33	127.6	Sg	21:07:34.800	1.9					T_		0.5		m_	
BUG	0.34	121.9	Pg	21:07:29.900	1.1					T_				m_	ML 2.0
BUG	0.34	121.9	Sg	21:07:35.100	2.0					T_		0.5		m_	
BKLB	0.34	122.0	Pg	21:07:29.900	1.1					T_				m_	
ENTS	0.53	135.1	Pg	21:07:33.410	1.0					---				m_e	

[illegible]

			m_e		
			m_e		
			m_e		
			m_e		
			m_e		
51.1	0.32		m_e	ML	2.2
			m_e		
31.2	0.23		m_e		
			m_e		
			m_e		
33.0	0.63		m_e		
			m_e		
29.7	0.28		m_e		
			m_e	ML	2.4
			m_e		
			m_e	ML	2.1
			m_e		
			m_e		
			m_e		
13.9	0.24		m_e		
			m_e		
			m_e		
			m_e		
21.7	0.26		m_e		
			m_e		
			m_e		
			m_e		

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