

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 51202001 Landeck/A, Inn Valley

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/02	03:22:51.50	0.24	1.03	47.2107	10.4931	4.8	3.5	047	13.0f		52	19	096			m i ke	LDG	51202021
2015/12/02	03:22:50.28	0.20	0.34	47.2200	10.4993	1.1	0.8	167	11.9	3.0	36	8	044			m i uk	ZAMG	51202011
2015/12/02	03:22:51.04	0.42	0.55	47.1440	10.5040	5.6	2.2	172	10.0f		19	10	182	0.45	1.92	m i ke	BGR	51202001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	17 LDG	51202021
ML	2.1	0.3	12 ZAMG	51202011
ML	2.1	0.4	10 BGR	51202001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.45	288.8	Pg	03:22:58.700	-0.9					T__	26.3			m_e	ML 1.8
DAVA	0.45	288.8	Sg	03:23:04.613	-0.9					T__	5.3			m_e	
UBR	0.60	333.6	Pg	03:23:01.989	-0.5					T__	9.7			m_e	ML 2.0
UBR	0.60	333.6	Sg	03:23:10.328	0.0					T__	8.0			m_e	
PLONS	0.77	263.3	Pg	03:23:05.743	0.1					T__	8.2			m_e	ML 1.5
PLONS	0.77	263.3	Sg	03:23:15.350	-0.3					T__	1.0			m_e	
WTTA	0.78	80.7	Pg	03:23:05.375	-0.4					T__	3.9			m_e	ML 1.6
WTTA	0.78	80.7	Sg	03:23:16.044	0.1					T__	2.9			m_e	
WILA	1.12	284.6	Pg	03:23:12.893	0.7					T__	11.8			m_e	ML 2.6
WILA	1.12	284.6	Sg	03:23:27.814	1.2					T__	2.1			m_e	
FUR	1.14	26.7	Pg	03:23:13.361	0.7					T__	3.5			m_e	ML 2.3
FUR	1.14	26.7	Sg	03:23:27.644	0.2					T__	2.1			m_e	
SLE	1.50	295.3	Pg	03:23:19.241	-0.0					T__	16.1			m_e	ML 2.5
SLE	1.50	295.3	Sg	03:23:38.847	0.2					T__	10.6			m_e	
SULZ	1.67	284.2	Sg	03:23:44.597	0.6					T__	10.0			m_e	ML 2.4
BFO	1.88	309.8	Pg	03:23:26.647	0.1					T__	2.5			m_e	ML 2.2
BFO	1.88	309.8	Sg	03:23:50.309	-0.6					T__	3.1			m_e	
BALST	1.92	276.8	Pg	03:23:27.449	0.3					T__	2.2			m_e	ML 2.4
BALST	1.92	276.8	Sg	03:23:52.472	0.5					T__	8.8			m_e	

Event 51204001 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/04	01:13:10.60	0.22	0.96	49.7374	18.6385	6.3	2.7	026	1.0f		74	12	161			m i sr	LDG	51204011
2015/12/04	01:13:11.60	0.48	1.05	49.8700	18.5530	6.7	5.6	047	1.0f		29	22	276	0.66	4.50	m i ki	BGR	51204001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	7 LDG	51204011
ML	3.3	0.3	11 BGR	51204001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MORC	0.66	262.3	Pg	01:13:23.514	-0.5					T__				m_e	ML 3.1
MORC	0.66	262.3	Sg	01:13:33.029	0.5					T__				m_e	
JAVC	1.16	209.9	Pn	01:13:33.071	-1.2					T__				m_e	
JAVC	1.16	209.9	Sg	01:13:51.231	2.7					T__				m_e	
VRAC	1.39	246.9	Pn	01:13:36.238	-1.1					T__				m_e	

VRAC	1.39	246.9	Sg	01:13:55.619	-0.1	T__	m_e		
DPC	1.51	289.4	Pn	01:13:38.750	-0.3	T__	m_e ML	3.7	
DPC	1.51	289.4	Sg	01:14:00.250	0.7	T__	m_e		
KRUC	1.62	240.9	Pn	01:13:39.051	-1.4	T__	m_e		
KRUC	1.62	240.9	Sg	01:14:02.201	-0.8	T__	m_e		
TREC	2.07	255.0	Pn	01:13:45.888	-0.7	T__	m_e ML	3.0	
PRU	2.58	274.2	Pn	01:13:53.264	-0.3	T__	m_e ML	3.0	
PRU	2.58	274.2	Sg	01:14:32.591	-1.1	T__	m_e		
PVCC	2.63	286.0	Pn	01:13:53.805	-0.4	T__	m_e ML	3.5	
CKRC	2.96	250.8	Sg	01:14:47.949	2.4	T__	m_e ML	3.5	
BRG	3.11	290.6	Pg	01:14:08.729	-1.4	T__	m_e ML	3.1	
KHC	3.31	259.0	Sg	01:14:56.887	0.0	T__	m_e ML	3.2	
GEC2	3.32	253.9	Pn	01:14:03.266	-0.3	T__	m_e		
FBE	3.48	289.6	Sg	01:15:01.437	-0.6	T__	m_e ML	3.4	
WET	3.75	261.0	Pn	01:14:09.476	0.0	T__	m_e ML	3.6	
WET	3.75	261.0	Sg	01:15:09.864	-1.0	T__	m_e		
CLL	3.80	294.3	Sg	01:15:13.890	1.4	T__	m_e ML	3.6	
NKC	3.94	277.6	Pn	01:14:12.681	0.8	T__	m_e		
TANN	3.94	280.3	Pn	01:14:12.468	0.5	T__	m_e		
WERN	3.98	278.4	Pn	01:14:13.379	0.8	T__	m_e		
GUNZ	4.02	279.4	Pn	01:14:13.706	0.7	T__	m_e		
ROHR	4.02	277.6	Pn	01:14:13.281	0.2	T__	m_e		
PLN	4.14	281.0	Sg	01:15:23.401	0.3	T__	m_e		
MOX	4.50	282.6	Pn	01:14:20.516	0.9	T__	m_e		

Event 51204002 Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/04	03:12:40.10	0.07	0.76	47.0631	9.4901	1.3	1.2	062	6.0f		183	29	033			m i ke	LDG	51204022
2015/12/04	03:12:39.47	0.45	1.61	47.0568	9.4903	4.1	2.9	178	8.4	0.0	42	11	040			m i uk	ZAMG	51204012
2015/12/04	03:12:40.45	0.38	0.94	47.0510	9.4380	5.6	2.2	172	10.0f		28	16	198	0.04	3.87	m i ke	BGR	51204002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	34 LDG	51204022
ML	2.8	0.3	14 ZAMG	51204012
ML	2.5	0.2	13 BGR	51204002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.04	267.1	Pg	03:12:41.865	-0.4					T__				m_e	
PLONS	0.04	267.1	Sg	03:12:43.359	-0.2					T__				m_e	
WILA	0.51	315.5	Pg	03:12:50.442	0.2					T__				m_e ML	2.5
WILA	0.51	315.5	Sg	03:12:58.183	1.2					T__				m_e	
OBER	0.68	58.2	Pg	03:12:52.481	-0.9					T__				m_e ML	2.1
OBER	0.68	58.2	Sg	03:13:02.522	0.2					T__				m_e	
UBR	0.78	35.5	Pg	03:12:54.489	-0.7					T__				m_e ML	2.6
UBR	0.78	35.5	Sg	03:13:06.205	0.9					T__				m_e	
SLE	0.96	318.6	Pg	03:12:58.372	-0.2					T__				m_e ML	2.6
SULZ	1.02	298.5	Pg	03:12:59.940	0.2					T__				m_e ML	2.5
SULZ	1.02	298.5	Sg	03:13:14.154	1.2					T__				m_e	
ZUGS	1.11	70.2	Pg	03:13:00.582	-0.8					T__				m_e	
ZUGS	1.11	70.2	Sg	03:13:17.800	2.0					T__				m_e	
BALST	1.22	284.2	Pg	03:13:03.609	0.1					T__				m_e ML	2.6

BALST	1.22	284.2	Sg	03:13:20.258	1.0	T__	m_e		
BFO	1.48	330.2	Pg	03:13:06.431	-2.0	T__	m_e ML	1.9	
BFO	1.48	330.2	Sg	03:13:27.530	-0.1	T__	m_e		
FUR	1.66	47.4	Pn	03:13:09.449	0.5	T__	m_e ML	2.8	
FUR	1.66	47.4	Sg	03:13:32.487	-0.9	T__	m_e		
STU	1.73	354.6	Sg	03:13:34.493	-0.9	T__	m_e ML	2.6	
NORI	1.85	25.1	Pn	03:13:10.299	-1.1	T__	m_e ML	2.6	
NORI	1.85	25.1	Sg	03:13:38.164	-1.1	T__	m_e		
GRA1	2.89	23.5	Sg	03:14:11.975	-0.5	T__	m_e ML	2.7	
WET	3.11	46.4	Pn	03:13:27.968	-0.5	T__	m_e ML	2.7	
WET	3.11	46.4	Sn	03:14:03.747	0.6	T__	m_e		
GEC2	3.37	56.3	Pn	03:13:32.168	0.1	T__	m_e ML	2.7	
GEC2	3.37	56.3	Sn	03:14:10.204	0.9	T__	m_e		
MOX	3.87	20.9	Sn	03:14:22.018	1.0	T__	m_e		

Event 51208007 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/08	15:05:02.40	0.20	1.47	46.4160	12.7308	5.5	3.6	026	7.0f		133	24	054			m i ke	LDG	51208027
2015/12/08	15:05:01.74	0.18	0.94	46.3556	12.5869	1.6	0.9	012	10.9	2.6	54	14	010			m i uk	ZAMG	51208017
2015/12/08	15:05:04.52	0.44	1.56	46.3410	12.6460	10.0	4.4	008	10.0f		32	17	215	0.88	4.78	m i ke	BGR	51208007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	1	LDG	51208027
ML	3.4	0.3	21 LDG	51208027
ML	3.6	0.3	21 ZAMG	51208017
ML	3.4	0.3	17 BGR	51208007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.88	32.8	Pg	15:05:19.042	-2.1					T__				m_e ML	2.8
KBA	0.88	32.8	Sg	15:05:30.295	-2.3					T__				m_e	
WTTA	1.15	323.5	Pg	15:05:23.488	-2.8					T__				m_e ML	3.2
WTTA	1.15	323.5	Sg	15:05:39.526	-1.7					T__				m_e	
OBKA	1.32	82.0	Pn	15:05:27.411	-0.9					T__				m_e ML	3.3
OBKA	1.32	82.0	Sg	15:05:47.671	1.0					T__				m_e	
PART	1.56	318.4	Pn	15:05:31.573	0.0					T__				m_e ML	3.2
PART	1.56	318.4	Sg	15:05:55.572	1.5					T__				m_e	
ZUGS	1.57	313.9	Pn	15:05:31.109	-0.5					T__				m_e ML	3.3
ZUGS	1.57	313.9	Sg	15:05:56.302	1.9					T__				m_e	
MOA	1.87	35.6	Pn	15:05:36.622	0.9					T__				m_e ML	3.0
MOA	1.87	35.6	Sg	15:06:03.139	-0.8					T__				m_e	
OBER	1.93	304.4	Pg	15:05:38.163	-2.8					T__				m_e ML	3.4
OBER	1.93	304.4	Sg	15:06:05.015	-0.9					T__				m_e	
FUR	2.05	333.4	Sg	15:06:08.431	-1.1					T__				m_e ML	3.8
DAVA	2.12	297.6	Pn	15:05:40.475	1.4					T__				m_e ML	3.6
DAVA	2.12	297.6	Sg	15:06:09.999	-1.8					T__				m_e	
ARSA	2.17	64.2	Pn	15:05:39.623	-0.2					T__				m_e ML	2.8
UBR	2.19	308.7	Pn	15:05:40.938	0.9					T__				m_e ML	3.7
GEC2	2.60	15.5	Pn	15:05:45.440	-0.3					T__				m_e ML	3.2
GEC2	2.60	15.5	Sn	15:06:18.733	3.4					T__				m_e	
NORI	2.74	330.9	Sn	15:06:21.377	2.8					T__				m_e ML	3.5
NORI	2.74	330.9	Sg	15:06:29.764	-1.9					T__				m_e	

WET	2.81	3.1	Pn	15:05:48.079	-0.4	T__	m_e	ML	3.3
WET	2.81	3.1	Sn	15:06:21.924	1.8	T__	m_e		
GRA1	3.48	344.7	Pn	15:05:57.145	-0.5	T__	m_e	ML	3.9
GRA1	3.48	344.7	Sn	15:06:38.206	2.2	T__	m_e		
BFO	3.54	305.8	Pn	15:05:58.209	-0.1	T__	m_e		
MOX	4.36	351.4	Pn	15:06:08.931	-0.6	T__	m_e	ML	3.7
MOX	4.36	351.4	Sn	15:06:57.642	1.1	T__	m_e		
TNS	4.78	325.8	Pn	15:06:15.704	0.5	T__	m_e	ML	3.9
TNS	4.78	325.8	Sn	15:07:09.646	3.1	T__	m_e		

Event 51211001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/11	02:05:45.80	0.14	0.81	51.4410	16.2227	3.4	2.2	007	1.0f		96	20	095			m i sr	LDG	51211021
2015/12/11	02:05:49.08	0.87	1.77	51.2438	16.1514	6.2	4.8	160	0.0	0.0	53	15	005			m i sr	ZAMG	51211011
2015/12/11	02:05:47.83	0.25	0.87	51.4110	16.1990	3.3	2.2	037	1.0f		54	23	109	0.57	3.60	m i ki	BGR	51211001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.7	14 LDG	51211021
ML	3.3	0.2	15 ZAMG	51211011
ML	3.5	0.3	19 BGR	51211001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.57	174.0	Pg	02:05:58.819	0.2					T__				m_e	ML 2.9
KSP	0.57	174.0	Sg	02:06:06.384	0.4					T__				m_e	
DPC	1.06	175.8	Pg	02:06:07.769	-0.1					T__				m_e	ML 3.7
DPC	1.06	175.8	Sg	02:06:23.403	1.8					T__				m_e	
PVCC	1.35	229.9	Pn	02:06:12.986	-0.1					T__				m_e	ML 3.7
PVCC	1.35	229.9	Sg	02:06:31.986	1.1					T__				m_e	
BRG	1.51	250.1	Pn	02:06:14.468	-0.8					T__				m_e	ML 3.2
BRG	1.51	250.1	Pg	02:06:16.218	-0.1					T__				m_e	
BRG	1.51	250.1	Sg	02:06:35.769	-0.2					T__				m_e	
PRU	1.77	217.1	Pn	02:06:18.444	-0.3					T__				m_e	ML 3.1
PRU	1.77	217.1	Pg	02:06:20.592	-0.6					T__				m_e	
PRU	1.77	217.1	Sg	02:06:44.183	0.2					T__				m_e	
RUE	1.83	306.5	Pn	02:06:18.489	-1.1					T__				m_e	ML 3.7
RUE	1.83	306.5	Pg	02:06:22.463	0.1					T__				m_e	
RUE	1.83	306.5	Sg	02:06:46.122	0.1					T__				m_e	
MORC	1.84	151.9	Pn	02:06:19.552	-0.2					T__				m_e	ML 3.6
MORC	1.84	151.9	Sg	02:06:45.559	-0.8					T__				m_e	
FBE	1.85	255.8	Sg	02:06:47.270	0.7					T__				m_e	ML 3.3
CLL	2.00	268.3	Pn	02:06:21.181	-0.7					T__				m_e	ML 3.3
CLL	2.00	268.3	Pg	02:06:24.209	-1.3					T__				m_e	
CLL	2.00	268.3	Sg	02:06:51.821	0.5					T__				m_e	
OKC	2.00	141.1	Pn	02:06:21.488	-0.4					T__				m_e	ML 3.1
OKC	2.00	141.1	Pg	02:06:25.306	-0.2					T__				m_e	
OKC	2.00	141.1	Sg	02:06:50.464	-0.9					T__				m_e	
VRAC	2.12	173.0	Pn	02:06:23.855	0.4					T__				m_e	
VRAC	2.12	173.0	Sg	02:06:55.012	-0.1					T__				m_e	
TREC	2.16	192.4	Pn	02:06:24.446	0.3					T__				m_e	ML 3.3
TREC	2.16	192.4	Sg	02:06:56.601	0.0					T__				m_e	
ABG1	2.32	260.3	Pg	02:06:30.771	-0.7					T__				m_e	ML 4.0

ABG1	2.32	260.3	Sg	02:07:02.208	0.8	T__	m_e		
GA1	2.34	252.0	Pn	02:06:27.391	0.8	T__	m_e		
GA1	2.34	252.0	Sg	02:07:03.259	1.0	T__	m_e		
KRUC	2.35	176.9	Pn	02:06:27.422	0.7	T__	m_e		
KRUC	2.35	176.9	Pg	02:06:31.305	-0.9	T__	m_e		
KRUC	2.35	176.9	Sg	02:07:02.542	-0.0	T__	m_e		
MODW	2.39	260.1	Pn	02:06:27.117	0.0	T__	m_e	ML	3.4
MODW	2.39	260.1	Pg	02:06:33.525	0.7	T__	m_e		
MODW	2.39	260.1	Sg	02:07:04.642	1.0	T__	m_e		
LNIZ	2.41	330.6	Pn	02:06:25.878	-1.6	T__	m_e	ML	4.0
LNIZ	2.41	330.6	Pg	02:06:33.997	0.8	T__	m_e		
TANN	2.56	248.5	Pn	02:06:30.034	0.6	T__	m_e	ML	3.5
TANN	2.56	248.5	Pg	02:06:36.192	0.2	T__	m_e		
TANN	2.56	248.5	Sg	02:07:08.551	-0.5	T__	m_e		
BEL	2.88	79.7	Pn	02:06:36.114	2.3	T__	m_e		
MOX	2.98	256.9	Pn	02:06:35.383	0.2	T__	m_e	ML	3.7
MOX	2.98	256.9	Pg	02:06:44.003	-0.0	T__	m_e		
MOX	2.98	256.9	Sg	02:07:22.540	-0.0	T__	m_e		
GEC2	3.02	212.9	Pn	02:06:37.213	1.4	T__	m_e	ML	3.7
GEC2	3.02	212.9	Pg	02:06:43.433	-1.4	T__	m_e		
GEC2	3.02	212.9	Sg	02:07:23.490	-0.4	T__	m_e		
WET	3.10	224.4	Pn	02:06:37.742	0.9	T__	m_e	ML	3.6
WET	3.10	224.4	Pg	02:06:43.900	-2.4	T__	m_e		
WET	3.10	224.4	Sg	02:07:26.719	0.3	T__	m_e		
GRA1	3.60	243.4	Pn	02:06:44.668	1.1	T__	m_e	ML	4.1

Event 51211002 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/11	03:05:19.30	0.10	1.41	44.4379	9.6251	3.1	2.2	017	11.0f		199	28	032			m i ke	LDG	51211012
2015/12/11	03:05:17.80			44.4900	9.6200				11.0							m i ke	INGV	51211002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	1	LDG	51211012
ML	3.3	0.2	12 LDG	51211012
ML	3.0		INGV	51211002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
UBR	3.21	5.9	Pn	03:06:10.644	3.6									m_e	ML 3.4
UBR	3.21	5.9	Sn	03:06:49.703	7.1									m_e	
BFO	3.94	347.4	Pn	03:06:19.295	2.3									m_e	
WET	5.16	24.4	Pn	03:06:35.957	2.4									m_e	
GEC2	5.18	31.3	Pn	03:06:35.964	2.2									m_e	ML 3.4
GEC2	5.18	31.3	Sn	03:07:34.609	5.7									m_e	

Event 51211010 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/11	20:11:54.95	0.78	1.67	51.4155	16.1164	7.9	4.2	029	0.0	0.0	17	7	005			m i sr	ZAMG	51211020
2015/12/11	20:11:54.51	0.22	0.62	51.5080	16.1250	2.2	1.1	043	1.0f		47	23	097	0.67	3.14	m i ki	BGR	51211010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	8 ZAMG	51211020
ML	3.0	0.3	19 BGR	51211010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	170.9	Pg	20:12:07.173	-0.0					T__				m_e	ML 2.2
KSP	0.67	170.9	Sg	20:12:16.517	0.6					T__				m_e	
DPC	1.16	173.8	Pg	20:12:15.966	-0.5					T__				m_e	ML 3.3
DPC	1.16	173.8	Sg	20:12:31.804	0.3					T__				m_e	
PVCC	1.38	225.6	Pn	20:12:19.910	-0.3					T__				m_e	ML 3.2
PVCC	1.38	225.6	Pg	20:12:20.695	0.1					T__				m_e	
PVCC	1.38	225.6	Sg	20:12:39.575	1.1					T__				m_e	
BRG	1.51	246.0	Pn	20:12:21.791	-0.1					T__				m_e	ML 2.7
BRG	1.51	246.0	Sg	20:12:42.663	0.2					T__				m_e	
RUE	1.74	304.8	Pn	20:12:24.177	-0.9					T__				m_e	ML 3.1
RUE	1.74	304.8	Sn	20:12:46.714	-0.0					T__				m_e	
RUE	1.74	304.8	Sg	20:12:50.352	0.6					T__				m_e	
A803	1.77	290.4	Pn	20:12:24.513	-1.0					T__				m_e	
PRU	1.82	214.0	Pn	20:12:26.383	0.2					T__				m_e	ML 2.4
PRU	1.82	214.0	Sg	20:12:52.055	-0.3					T__				m_e	
FBE	1.83	252.4	Pg	20:12:28.584	-0.5					T__				m_e	ML 2.7
FBE	1.83	252.4	Sg	20:12:52.434	-0.3					T__				m_e	
GKP	1.89	20.6	Sg	20:12:55.701	1.2					T__				m_e	ML 3.0
MORC	1.95	152.0	Pn	20:12:27.816	-0.1					T__				m_e	ML 3.4
MORC	1.95	152.0	Sg	20:12:56.267	-0.2					T__				m_e	
CLL	1.96	265.4	Pn	20:12:27.326	-0.7					T__				m_e	ML 2.8
CLL	1.96	265.4	Pg	20:12:30.544	-0.9					T__				m_e	
CLL	1.96	265.4	Sn	20:12:52.347	0.5					T__				m_e	
CLL	1.96	265.4	Sg	20:12:56.227	-0.5					T__				m_e	
OKC	2.11	141.7	Pg	20:12:33.983	-0.2					T__				m_e	ML 2.7
OKC	2.11	141.7	Sg	20:13:00.502	-0.9					T__				m_e	
VRAC	2.22	172.1	Pn	20:12:31.905	0.3					T__				m_e	
VRAC	2.22	172.1	Sg	20:13:05.232	0.2					T__				m_e	
TREC	2.25	190.7	Sg	20:13:06.045	0.0					T__				m_e	ML 2.8
LNIZ	2.30	330.3	Pn	20:12:32.104	-0.6					T__				m_e	ML 3.4
LNIZ	2.30	330.3	Sg	20:13:07.178	-0.5					T__				m_e	
KRUC	2.45	175.9	Pn	20:12:35.410	0.7					T__				m_e	
KRUC	2.45	175.9	Sg	20:13:12.328	-0.1					T__				m_e	
TANN	2.55	246.1	Pn	20:12:36.227	0.2					T__				m_e	ML 3.1
TANN	2.55	246.1	Pg	20:12:42.734	0.1					T__				m_e	
TANN	2.55	246.1	Sg	20:13:15.692	0.1					T__				m_e	
WERD	2.63	247.7	Pn	20:12:37.458	0.4					T__				m_e	ML 3.0
WERD	2.63	247.7	Sg	20:13:18.959	1.0					T__				m_e	
NKC	2.65	242.7	Pn	20:12:37.628	0.3					T__				m_e	ML 3.3
OJC	2.65	117.6	Pg	20:12:43.763	-0.7					T__				m_e	
OJC	2.65	117.6	Sg	20:13:19.580	0.8					T__				m_e	
MOX	2.96	254.8	Pn	20:12:42.523	0.9					T__				m_e	ML 3.2
MOX	2.96	254.8	Pg	20:12:49.663	-0.7					T__				m_e	
MOX	2.96	254.8	Sg	20:13:29.800	1.2					T__				m_e	
GEC2	3.08	211.2	Pn	20:12:44.251	1.0					T__				m_e	ML 3.2
GEC2	3.08	211.2	Sg	20:13:31.512	-0.9					T__				m_e	
WET	3.14	222.5	Pn	20:12:44.645	0.6					T__				m_e	ML 3.1

Event 51215001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/15	00:15:49.70	0.06	0.71	45.6316	10.3002	1.4	1.3	056	5.0f	184	37	026				m i ke	LDG	51215011
2015/12/15	00:15:51.39	0.34	1.24	45.6160	10.2150	5.6	4.4	017	10.0f	53	28	244	1.54	4.70		m i ke	BGR	51215001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.1	1	LDG	51215011
ML	3.0	0.3	38 LDG	51215011
ML	3.0	0.3	19 BGR	51215001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	1.54	338.4	Pn	00:16:18.033	-0.2					T__				m_e	ML 2.6
PLONS	1.54	338.4	Pg	00:16:20.273	-0.3					T__				m_e	
PLONS	1.54	338.4	Sg	00:16:40.653	0.1					T__				m_e	
DAVA	1.69	352.3	Pn	00:16:21.005	0.9					T__				m_e	ML 3.1
DAVA	1.69	352.3	Sn	00:16:40.976	0.3					T__				m_e	
DAVA	1.69	352.3	Sg	00:16:47.641	2.6					T__				m_e	
OBER	1.79	1.7	Pn	00:16:23.078	1.5					T__				m_e	ML 2.5
OBER	1.79	1.7	Sg	00:16:49.781	1.4					T__				m_e	
ZUGS	1.88	16.0	Pn	00:16:25.045	2.3					T__				m_e	
ZUGS	1.88	16.0	Sg	00:16:51.260	0.2					T__				m_e	
WTTA	1.92	30.2	Pn	00:16:24.433	1.2					T__				m_e	ML 2.8
WTTA	1.92	30.2	Sg	00:16:50.597	-1.8					T__				m_e	
PART	1.98	17.9	Pn	00:16:25.262	1.1					T__				m_e	ML 2.4
PART	1.98	17.9	Sg	00:16:53.460	-0.9					T__				m_e	
WILA	2.01	333.9	Pn	00:16:24.985	0.4					T__				m_e	ML 3.3
WILA	2.01	333.9	Sg	00:16:56.397	1.1					T__				m_e	
UBR	2.07	358.0	Pn	00:16:26.132	0.8					T__				m_e	ML 3.2
UBR	2.07	358.0	Sn	00:16:49.385	-0.2					T__				m_e	
UBR	2.07	358.0	Sg	00:16:55.152	-1.9					T__				m_e	
WALHA	2.26	341.1	Pn	00:16:27.801	-0.2					T__				m_e	ML 3.0
WALHA	2.26	341.1	Pg	00:16:32.894	-1.2					T__				m_e	
SULZ	2.40	323.7	Pn	00:16:29.333	-0.4					T__				m_e	ML 3.4
SULZ	2.40	323.7	Pg	00:16:35.251	-1.3					T__				m_e	
SULZ	2.40	323.7	Sg	00:17:06.803	-0.8					T__				m_e	
BALST	2.44	315.7	Pn	00:16:29.939	-0.5					T__				m_e	ML 3.1
SLE	2.45	331.8	Pn	00:16:29.857	-0.7					T__				m_e	ML 3.0
SLE	2.45	331.8	Pg	00:16:36.002	-1.6					T__				m_e	
SLE	2.45	331.8	Sg	00:17:08.702	-0.7					T__				m_e	
EMING	2.46	338.1	Pn	00:16:30.378	-0.3					T__				m_e	ML 3.0
METMA	2.49	328.0	Pn	00:16:30.234	-0.8					T__				m_e	ML 2.8
METMA	2.49	328.0	Pg	00:16:36.804	-1.6					T__				m_e	
KBA	2.61	54.8	Pn	00:16:33.957	1.3					T__				m_e	ML 2.8
FUR	2.65	15.5	Pg	00:16:40.811	-0.5					T__				m_e	ML 3.3
FUR	2.65	15.5	Sg	00:17:14.398	-1.2					T__				m_e	
BERGE	2.65	329.0	Pn	00:16:32.384	-0.9					T__				m_e	ML 2.8
BERGE	2.65	329.0	Pg	00:16:39.522	-1.9					T__				m_e	
BERGE	2.65	329.0	Sn	00:17:04.435	1.1					T__				m_e	
BFO	3.00	335.3	Pn	00:16:37.384	-0.6					T__				m_e	ML 3.0
BFO	3.00	335.3	Pg	00:16:46.087	-1.9					T__				m_e	
OBKA	3.14	71.9	Pn	00:16:39.895	0.1					T__				m_e	ML 3.1

OBKA	3.14	71.9	Pg	00:16:48.816	-1.7	T__	m_e
OBKA	3.14	71.9	Sg	00:17:28.285	-2.8	T__	m_e
ECH	3.33	322.4	Pn	00:16:41.953	-0.5	T__	m_e
ECH	3.33	322.4	Sn	00:17:19.774	0.4	T__	m_e
ROTT	3.78	339.0	Pn	00:16:49.139	0.6	T__	m_e
WET	3.96	26.1	Pn	00:16:51.075	0.1	T__	m_e
GEC2	4.00	35.0	Pn	00:16:50.998	-0.6	T__	m_e ML 3.2
GEC2	4.00	35.0	Sn	00:17:37.646	2.5	T__	m_e
ARSA	4.01	64.0	Pn	00:16:52.816	1.2	T__	m_e
GRA1	4.13	9.1	Pg	00:17:09.795	0.5	T__	m_e
MILB	4.26	352.0	Pg	00:17:11.655	0.0	T__	m_e
ABH	4.63	338.2	Pn	00:17:00.277	0.3	T__	m_e
RIVT	4.70	331.7	Pn	00:17:01.420	0.4	T__	m_e

Event 51221005 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/21	10:31:04.60	0.14	1.08	56.9828	6.8614	4.1	2.8	101	17.0f	68	22	120				m i ke	LDG	51221015
2015/12/21	10:31:07.74	0.75	1.24	56.8620	7.3230	11.1	6.7	138	10.0f	24	18	283	1.10	7.23		m i ke	BGR	51221005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.3	14 LDG	51221015
ML	3.6	0.1	4 BGR	51221005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MUD	1.10	111.0	Pn	10:31:26.649	-1.8					T__				m_e ML	3.4
MUD	1.10	111.0	Sg	10:31:43.394	0.7					T__				m_e	
SKMB	2.45	150.1	Sg	10:32:26.175	0.5					T__				m_e ML	3.8
HLG	2.70	173.0	Sg	10:32:33.215	-0.2					T__				m_e ML	3.7
BSEG	3.38	148.6	Sg	10:32:55.237	-0.0					T__				m_e ML	3.6
RGN	4.09	121.9	Sn	10:32:55.027	1.4					T__				m_e	
RETH	4.30	163.3	Pn	10:32:11.427	-0.5					T__				m_e	
RETH	4.30	163.3	Sn	10:32:57.070	-1.3					T__				m_e	
GOR3	4.50	146.6	Sn	10:33:03.409	0.4					T__				m_e	
IBBN	4.56	176.6	Sn	10:33:03.723	-0.9					T__				m_e	
BSD	4.59	109.2	Pn	10:32:15.195	-0.7					T__				m_e	
BSD	4.59	109.2	Pg	10:32:37.230	3.0					T__				m_e	
BSD	4.59	109.2	Sn	10:33:03.600	-1.6					T__				m_e	
NRDL	4.65	158.6	Sn	10:33:05.480	-1.3					T__				m_e	
FLT1	5.07	151.8	Sn	10:33:13.449	-3.0					T__				m_e	
CLZ	5.32	159.3	Pn	10:32:25.483	-0.3					T__				m_e	
CLZ	5.32	159.3	Sn	10:33:20.531	-2.0					T__				m_e	
BUG	5.42	180.4	Sn	10:33:23.873	-0.9					T__				m_e	
GTTG	5.54	162.7	Sn	10:33:27.379	-0.1					T__				m_e	
KAST	5.70	173.1	Sn	10:33:30.183	-1.1					T__				m_e	
AHRW	6.32	181.4	Sn	10:33:47.049	1.1					T__				m_e	
TNS	6.67	173.8	Pn	10:32:43.629	-0.5					T__				m_e	
TNS	6.67	173.8	Sn	10:33:54.807	0.6					T__				m_e	
WLF	7.23	186.0	Sn	10:34:08.527	1.2					T__				m_e	

Event 51222001 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2015/12/22	06:00:12.60	0.09	0.59	50.9925	6.6597	1.7	1.4	154	1.0f		82	20	107			m i sr	LDG	51222041	
2015/12/22	06:00:12.00	0.64	0.31	50.9790	6.6200				1.0f				13	171	0.39	0.90	m i ki	BNS	51222031
2015/12/22	06:00:11.20		0.16	50.9800	6.6300				0.0	1.0	23	14	143	0.49	2.49	m i ki	BUG	51222021	
2015/12/22	06:00:12.58	0.34	0.41	50.9610	6.6300	4.4	2.2	125	1.0f		14	8	137	0.51	1.37	m i ki	BGR	51222011	
2015/12/22	06:00:11.50	0.30	0.11	50.9530	6.6390				3.3	2.1			13	117		m i ki	GDNRW	51222001	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	19 LDG	51222041
ML	2.4		BNS	51222031
MD	3.3	0.2	11 BUG	51222021
ML	3.0	0.1	11 BUG	51222021
ML	2.6	0.2	6 BGR	51222011
ML	2.1		GDNRW	51222001

Effects	Loctyp	Location	Intensity	Scale	Author
	Summar		5.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLH	0.12	65.8	Pg	06:00:14.270	0.4					T__				m_e	
PLH	0.12	65.8	Sg	06:00:15.990	0.4					T__				m_e	
JCKS	0.15	302.1	Pg	06:00:14.800	0.3					T__				m_e	
JCKS	0.15	302.1	Sg	06:00:17.200	0.7					T__				m_e	
GSH	0.27	217.1	Pg	06:00:17.010	0.4					T__				m_e	
GSH	0.27	217.1	Sg	06:00:21.070	0.9					T__		259.5	0.52	m_e	
KLL	0.37	214.2	Pg	06:00:19.452	1.0					---				m_e	
STB	0.38	160.4	Pg	06:00:19.770	1.1					---				m_e	
STB	0.38	160.4	Sg	06:00:26.231	2.6					---		120.3	0.62	m_e	
DREG	0.39	221.7	Pg	06:00:19.744	0.9					---				m_e	
ACN	0.39	243.3	Sg	06:00:25.000	1.0					T__		140.7	0.39	m_e	
TDN	0.42	152.8	Pg	06:00:20.190	0.7					T__				m_e	
TDN	0.42	152.8	Sg	06:00:25.810	0.8					T__		253.3	0.41	m_e	
HOEG	0.44	85.7	Pg	06:00:20.851	1.1					---				m_e	
LAUG	0.44	25.6	Pg	06:00:20.169	0.3					---				m_e	
LAUG	0.44	25.6	Sg	06:00:26.623	1.1					---		206.5	0.49	m_e	
OLFT	0.48	196.9	Pg	06:00:21.140	0.6					T__				m_e	
OLFT	0.48	196.9	Sg	06:00:27.610	0.8					T__				m_e	
HGN	0.48	247.3	Pg	06:00:21.500	0.8					---				m_e	
AHRW	0.50	146.0	Pg	06:00:22.340	1.5					---				m_e	ML 2.5
AHRW	0.50	146.0	Sg	06:00:28.518	1.2					---				m_e	
MEM	0.53	229.4	Pg	06:00:22.163	0.7					---				m_e	
MEM	0.53	229.4	Sg	06:00:29.991	1.8					---				m_e	
ENTS	0.56	58.9	Pg	06:00:22.420	0.3					T__				m_e	
ENTS	0.56	58.9	Sg	06:00:30.380	0.9					T__				m_e	
BPFI	0.59	38.2	Pg	06:00:23.400	0.7					---				m_e	ML 2.8
BPFI	0.59	38.2	Sg	06:00:29.900	-0.5					---		0.9		m_e	
BKLB	0.63	38.8	Pg	06:00:24.000	0.7					---				m_e	ML 2.6
BUG	0.63	38.8	Pg	06:00:23.866	0.5					---				m_e	ML 2.4
BUG	0.63	38.8	Sg	06:00:32.831	1.4					---				m_e	
BULI	0.63	37.6	Pg	06:00:24.000	0.5					---				m_e	ML 2.8
BULI	0.63	37.6	Sg	06:00:33.400	1.7					---		0.9		m_e	
BTEZ	0.64	38.7	Pg	06:00:24.100	0.6					---				m_e	ML 2.7

HILG	0.66	177.8	Pg	06:00:25.700	1.7	---	m_e												
BHE	0.69	150.1	Pg	06:00:24.910	0.4	T_	m_e												
OCHT	0.76	143.2	Pg	06:00:25.930	0.0	T_	m_e												
OCHT	0.76	143.2	Sg	06:00:36.580	0.8	T_	m_e												
LOH	0.77	184.9	Pg	06:00:26.570	0.5	T_	m_e												
LOH	0.77	184.9	Sg	06:00:36.990	0.9	T_	m_e	62.7	0.35										
BGG	0.87	149.0	Pg	06:00:29.016	1.1	---	m_e												
KOE	0.87	126.9	Pg	06:00:28.643	0.7	---	m_e												
SORT	0.93	64.1	Pg	06:00:29.180	0.2	T_	m_e												
SORT	0.93	64.1	Sg	06:00:41.780	0.9	T_	m_e	82.7	0.62										
HMES	0.98	43.5	Sn	06:00:46.800	1.4	---	m_									ML	2.4		
HMES	0.98	43.5	Sg	06:00:42.800	0.2	---	m_	0.2											
WTSB	1.02	5.6	Pg	06:00:32.122	1.4	---	m_e									ML	2.8		
KAST	1.14	76.7	Pg	06:00:33.688	0.6	---	m_e									ML	2.5		
KAST	1.14	76.7	Sn	06:00:51.600	2.3	---	m_												
KAST	1.14	76.7	Sg	06:00:49.835	2.0	---	m_e												
WLF	1.33	193.7	Pg	06:00:37.599	1.1	---	m_e									ML	2.6		
WLF	1.33	193.7	Sg	06:00:54.965	1.4	---	m_e												
TNS	1.36	121.8	Pg	06:00:38.059	0.9	---	m_e									ML	2.9		
TNS	1.36	121.8	Sg	06:00:56.512	1.8	---	m_e												
IBBN	1.52	26.8	Pg	06:00:40.000	-0.2	---	m_									ML	2.9		
IBBN	1.52	26.8	Sg	06:00:59.100	-0.7	---	m_	0.4											
IBBE	1.53	27.6	Sg	06:01:00.600	0.6	---	m_	0.4								ML	3.0		
UBBA	2.13	92.3	Sn	06:01:16.400	4.0	---	m_	0.2								ML	2.9		
CLZ	2.49	67.7	Pg	06:01:00.500	2.0	---	m_									ML	3.1		
CLZ	2.49	67.7	Sg	06:01:32.400	1.7	---	m_	0.2											

Event 51223005 Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/23	21:22:36.30	0.07	0.51	47.6199	18.0181	2.0	1.6	008	5.0f		69	12	039			m i ke	LDG	51223025
2015/12/23	21:22:37.59	0.18	1.29	47.6345	17.9966	1.8	1.1	016	11.0	1.7	49	15	004			m i uk	ZAMG	51223015
2015/12/23	21:22:36.08	0.60	0.53	47.5510	18.2720	7.8	4.4	137	5.0f		22	20	214	1.37	5.34	m i ke	BGR	51223005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.2	8 LDG	51223025
ML	2.6	0.2	16 ZAMG	51223015
ML	3.0	0.2	6 BGR	51223005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JAVC	1.37	343.2	Pn	21:23:00.923	-0.2					T_				m_e	
JAVC	1.37	343.2	Sg	21:23:20.279	0.7					T_				m_e	
ARSA	1.88	261.8	Pn	21:23:07.512	-0.6					T_				m_e	ML 2.6
KRUC	1.96	321.1	Pn	21:23:07.699	-1.4					T_				m_e	
VRAC	2.08	328.3	Pn	21:23:09.905	-0.9					T_				m_e	
MORC	2.28	348.1	Pn	21:23:13.703	0.3					T_				m_e	ML 3.3
NIE	2.31	35.2	Sg	21:23:49.209	-0.1					T_				m_e	
TREC	2.54	314.4	Pn	21:23:16.157	-0.8					T_				m_e	ML 3.0
MOA	2.71	277.8	Pn	21:23:19.682	0.3					T_				m_e	ML 3.0
MOA	2.71	277.8	Sg	21:24:01.913	-0.3					T_				m_e	
OBKA	2.74	249.1	Pn	21:23:20.166	0.4					T_				m_e	
GEC2	3.31	294.7	Pn	21:23:27.307	-0.1					T_				m_e	ML 3.1

KBA	3.37	263.8	Pn	21:23:28.619	0.3	T__	m_e
PRU	3.46	316.1	Pn	21:23:28.787	-0.7	T__	m_e
KHC	3.50	298.6	Pn	21:23:30.085	0.1	T__	m_e ML 3.0
NKC	4.67	307.2	Pn	21:23:45.935	0.0	T__	m_e
WERN	4.74	307.4	Pn	21:23:46.891	0.1	T__	m_e
TANN	4.77	309.1	Pn	21:23:47.302	0.1	T__	m_e
MULD	4.79	308.8	Pn	21:23:47.834	0.3	T__	m_e
GUNZ	4.81	308.0	Pn	21:23:47.685	-0.0	T__	m_e
TRIB	4.90	307.1	Pn	21:23:48.971	-0.1	T__	m_e
MOX	5.34	307.9	Pn	21:23:55.611	0.6	T__	m_e

Event 51224001 E Salzkammergut/A, Totes Gebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/24	02:37:41.20	0.14	0.88	47.6279	13.8312	3.7	2.3	150	10.0f		49	15	079			m i ke	LDG	51224021
2015/12/24	02:37:40.58	0.14	0.55	47.6384	13.7407	1.0	0.9	002	2.0	0.0	54	15	004			m i fe	ZAMG	51224011
	(felt)																	
2015/12/24	02:37:42.24	0.24	0.84	47.6330	13.8170	3.3	3.3	128	5.0f		26	20	054	0.37	3.74	m i ke	BGR	51224001
	(#PRIME)																	

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.2	12 LDG	51224021
ML	2.7	0.4	18 ZAMG	51224011
ML	2.5	0.3	11 BGR	51224001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.37	54.2	Pg	02:37:48.548	-0.7					T__				m_e	
KBA	0.64	210.2	Pg	02:37:52.700	-1.6					T__				m_e ML	2.2
KBA	0.64	210.2	Sg	02:38:02.542	-0.1					T__				m_e	
GEC2	1.21	356.4	Pn	02:38:03.822	-1.4					T__				m_e ML	2.4
GEC2	1.21	356.4	Sg	02:38:22.178	1.3					T__				m_e	
ARSA	1.22	107.7	Pn	02:38:07.423	2.2					T__				m_e ML	2.2
OBKA	1.23	155.8	Pn	02:38:04.880	-0.5					T__				m_e ML	2.3
CKRC	1.23	15.3	Pn	02:38:05.656	0.2					T__				m_e ML	2.4
KHC	1.51	354.0	Pn	02:38:09.067	-0.1					T__				m_e ML	2.4
KHC	1.51	354.0	Sg	02:38:29.873	-0.2					T__				m_e	
WTTA	1.52	256.7	Pn	02:38:09.264	-0.1					T__				m_e ML	2.8
WTTA	1.52	256.7	Sg	02:38:31.729	1.2					T__				m_e	
WET	1.63	337.9	Pn	02:38:11.187	0.3					T__				m_e ML	2.7
WET	1.63	337.9	Sg	02:38:33.703	-0.5					T__				m_e	
FUR	1.78	288.2	Pn	02:38:14.074	1.2					T__				m_e ML	3.0
FUR	1.78	288.2	Sg	02:38:38.208	-0.7					T__				m_e	
TREC	2.00	33.1	Sg	02:38:45.848	0.2					T__				m_e ML	2.6
NORI	2.39	298.2	Pg	02:38:27.366	0.1					T__				m_e ML	2.8
VRAC	2.49	46.7	Sg	02:38:59.973	-1.3					T__				m_e	
GRA1	2.68	321.2	Pg	02:38:32.459	-0.3					T__				m_e	
NKC	2.75	341.4	Pn	02:38:26.442	0.4					T__				m_e	
PVCC	2.94	9.4	Pn	02:38:29.158	0.6					T__				m_e	
DPC	3.18	30.2	Pn	02:38:32.008	0.2					T__				m_e	
MOX	3.34	335.3	Pn	02:38:33.757	-0.2					T__				m_e	
SLE	3.58	274.1	Pn	02:38:37.284	-0.0					T__				m_e	
BFO	3.74	282.8	Pn	02:38:38.975	-0.4					T__				m_e	

Event 51224002 Euskirchen, SW of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/24	05:23:40.40	0.07	0.56	50.7149	6.8148	1.4	1.0	005	10.0	0.0	112	19	083			m i ke	LDG	51224052
2015/12/24	05:23:40.30	0.50	0.93	50.6800	6.8100				14.0f		21	13	178	0.22	1.50	m i uk	HLUG	51224042
2015/12/24	05:23:40.54	0.12	0.13	50.7090	6.8010	1.1	0.9	052	12.0	3.0	29	20	087	0.16	1.75	m i ke	LED	51224032
2015/12/24	05:23:40.00	0.44	0.21	50.7130	6.8090				13.7	1.8		11	087			m i ke	GDNRW	51224022
2015/12/24	05:23:40.77	0.30	0.76	50.7010	6.8830	3.3	2.2	087	5.0f		23	14	153	0.20	2.46	m i ke	BGR	51224012
2015/12/24	05:23:40.30	0.62	0.21	50.7130	6.8120				12.8	4.0		17	086	0.12	0.65	m i ke	BNS	51224002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.3	0.1	2 LDG	51224052
ML	2.5	0.3	24 LDG	51224052
ML	2.2	0.3	8 HLUG	51224042
ML	1.8	0.1	14 LED	51224032
ML	2.0		GDNRW	51224022
ML	2.3	0.2	4 BGR	51224012
ML	2.0		BNS	51224002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STB	0.12	171.5	Pg	05:23:43.463	0.0					T__					
STB	0.12	171.5	Sg	05:23:45.431	-0.2					T__		537.3	0.24	m_i	
TDN	0.16	148.6	Pg	05:23:44.140	0.1					---				m_i	
TDN	0.16	148.6	Sg	05:23:46.580	-0.0					---		243.5	0.13	m__	
BA05	0.22	335.4	Pg	05:23:45.882	0.8					T__				m_e	
AHRW	0.24	135.7	Pg	05:23:45.414	0.1					T__				m_i	1.9
AHRW	0.24	135.7	Sg	05:23:48.640	-0.1					---				m_e	
GSH	0.27	274.9	Pg	05:23:45.920	0.0					---				m_e	
GSH	0.27	274.9	Sg	05:23:49.710	-0.1					---		156.3	0.11	m__	
PLH	0.29	0.9	Pg	05:23:46.260	0.1					---				m__	
PLH	0.29	0.9	S*	05:23:51.380						---				m__	
PLH	0.29	0.9	Sg	05:23:50.120	-0.1					---				m__	
KLL	0.32	258.4	Pg	05:23:46.621	-0.2					T__				mci	
OLFT	0.33	228.8	Pg	05:23:46.790	-0.1					---				m__	
OLFT	0.33	228.8	Pg	05:23:46.800	-0.1					---				mci	
OLFT	0.33	228.8	Sg	05:23:51.600	0.2					---				m_e	
BNS	0.34	42.3	Pg	05:23:46.889	-0.2					T__				m_e	
DREG	0.37	262.5	Pg	05:23:47.580	-0.0					T__				mce	
DREG	0.37	262.5	Sg	05:23:52.357	-0.3					T__		153.1	0.13	m_e	
LAGB	0.40	152.4	Pg	05:23:48.020	-0.1					---				md__	1.7
HOBG	0.43	50.4	Pg	05:23:48.501	-0.1					T__				mci	
BHE	0.43	146.9	Pg	05:23:48.750	0.1					---				m__	
BHE	0.43	146.9	PmP	05:23:51.110	-0.6					---				m__	
BHE	0.43	146.9	Sg	05:23:54.520	0.1					---				m_e	
HILG	0.43	191.4	Pg	05:23:48.592	-0.1					T__				mce	
ACN	0.46	277.9	Pg	05:23:49.540	0.2					---				mde	
ACN	0.46	277.9	Sg	05:23:55.390	-0.1					---		121.6	0.12	m_e	
OCHT	0.51	137.0	P*	05:23:50.450						---				m__	1.7
OCHT	0.51	137.0	Pg	05:23:50.100	-0.1					---				m__	
OCHT	0.51	137.0	Sg	05:23:57.100	0.2					---				m__	
LOH	0.56	198.5	P*	05:23:51.940						---				m__	
LOH	0.56	198.5	Pg	05:23:50.940	-0.1					---				m__	

LOH	0.56	198.5	Sg	05:23:58.560	0.1	---	80.6	0.19	m_e		
BLI	0.59	215.0	Pg	05:23:50.990	-0.5	---			m_e	ML	2.1
RODG	0.59	317.6	Pg	05:23:52.827	1.2	T_			m_e		
BGG	0.61	146.4	Pg	05:23:51.981	0.0	T_			m_e		
LAUG	0.64	7.4	Pg	05:23:52.310	-0.3	T_			m_e		
ENTS	0.65	35.3	Pg	05:23:52.060	-0.7	---			m_e		
ENTS	0.65	35.3	Pg	05:23:52.100	-0.6	---			m_e		
ENTS	0.65	35.3	Sg	05:24:01.200	-0.0	---			m_e		
ENTS	0.65	35.3	SmS	05:24:04.150	-0.8	---			m_e		
BIW	0.65	88.0	Pg	05:23:52.450	-0.3	---			m_e		
BIW	0.65	88.0	Sg	05:24:00.510	-0.7	---			mC_e	ML	2.1
KOE	0.65	115.9	Pg	05:23:52.538	-0.2	T_			m_e		
FSH	0.66	163.3	P*	05:23:53.390		---			m_e		
FSH	0.66	163.3	Pg	05:23:53.060	0.1	---			m_e		
BKLB	0.78	21.4	Pg	05:23:55.535	0.3	---			m_e		
BUG	0.78	21.4	Pg	05:23:55.736	0.5	---			m_e		
BUG	0.78	21.4	Sg	05:24:06.914	1.5	---			m_e		
FACH	0.83	114.9	P*	05:23:55.900		---			m_e	ML	1.9
FACH	0.83	114.9	PmP	05:23:57.150	-0.7	---			m_e		
ZERL	0.91	2.3	Pg	05:23:58.244	0.7	---			m_e		
GWBD	0.92	130.3	Pg	05:23:58.000	0.3	---			m_e	ML	2.2
GWBD	0.92	130.3	Sg	05:24:10.100	0.4	---			m_e		
ABH	0.95	150.2	P*	05:23:58.470		---	0.2		m_e	ML	1.9
SORT	0.97	48.4	P*	05:23:57.740		---			m_e		
SORT	0.97	48.4	Pg	05:23:58.210	-0.5	---			m_e		
SORT	0.97	48.4	Sg	05:24:10.850	-0.4	---	96.6	0.30	m_e		
GWBC	0.98	108.5	Pg	05:23:59.410	0.5	---			m_e	ML	1.8
RIVT	1.01	181.7	P*	05:23:58.630		---			m_e	ML	2.2
WBFO	1.03	97.1	Pg	05:24:00.100	0.3	---			m_e	ML	2.4
WBFO	1.03	97.1	Sg	05:24:13.800	0.6	---	0.2		m_e		
BAVN	1.04	10.6	Pg	05:24:01.167	1.1	---			m_e		
GWBE	1.06	124.3	Pg	05:24:00.800	0.4	---			m_e	ML	2.3
HMES	1.10	30.9	Pg	05:24:01.575	0.3	---			m_e		
KAST	1.12	63.5	Pg	05:24:00.587	-1.0	---			m_e	ML	2.3
KAST	1.12	63.5	Sg	05:24:16.760	0.6	---			m_e		
WLF	1.13	202.2	P*	05:24:00.810		---			m_e	ML	1.8
WLF	1.13	202.2	Pg	05:24:01.389	-0.3	---			m_e		
WLF	1.13	202.2	Sg	05:24:16.801	0.4	---			m_e		
TNS	1.15	114.6	Pn	05:24:01.390	-0.1	---			m_e	ML	2.0
TNS	1.15	114.6	Pg	05:24:02.051	-0.0	---			m_e		
TNS	1.15	114.6	Sn	05:24:16.460	0.0	---			m_e		
TNS	1.15	114.6	Sg	05:24:16.587	-0.4	---			m_e		
WTSB	1.25	359.6	Pn	05:24:04.517	1.7	---			m_e	ML	2.4
WTSB	1.25	359.6	Pg	05:24:05.018	1.0	---			m_e		
WTSB	1.25	359.6	Sg	05:24:20.467	0.2	---			m_e		
DUP	1.30	180.7	Pn	05:24:03.280	-0.2	---			m_e	ML	1.8
EBSD	1.30	89.7	Pg	05:24:04.800	-0.1	---			m_e		
EBSD	1.30	89.7	Sg	05:24:22.100	0.3	---	0.2		m_e		
IMS	1.32	147.6	Pg	05:24:05.170	-0.1	---			m_e	ML	1.7
GWBF	1.50	88.5	Pn	05:24:08.500	2.4	---			m_e		
GWBF	1.50	88.5	Sn	05:24:27.500	3.0	---	0.1		m_e		
IBBN	1.70	19.9	Pg	05:24:12.504	0.1	---			m_e	ML	2.6
IBBE	1.70	20.7	Sg	05:24:33.358	-1.1	---			m_e		
PEB	1.75	160.2	Pg	05:24:12.350	-0.9	---			m_e	ML	1.9
UBBA	2.02	85.8	Pg	05:24:17.324	-1.1	---			m_e		

UBBA	2.02	85.8	Sg	05:24:42.606	-2.0	---	m_e
CLZ	2.50	61.7	Pg	05:24:26.205	-1.2	---	m_e
CLZ	2.50	61.7	Sg	05:24:58.451	-1.2	---	m_e

Event 51228004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/28	12:31:07.50	0.25	1.29	51.6964	16.3830	6.3	3.3	016	1.0f		149	23	061			m i sr	LDG	51228024
2015/12/28	12:31:12.85	0.52	1.62	51.3702	15.9614	4.5	2.9	049	0.0	0.0	41	15	003			m i sr	ZAMG	51228014
2015/12/28	12:31:11.43	0.39	0.55	51.4990	16.1170	4.4	2.2	014	1.0f		29	15	199	0.66	3.59	m i ki	BGR	51228004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.5	16 LDG	51228024
ML	3.4	0.2	16 ZAMG	51228014
ML	3.7	0.3	13 BGR	51228004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	170.4	Pg	12:31:23.897	-0.1					T__				m_e	ML 2.9
KSP	0.66	170.4	Sg	12:31:32.972	0.4					T__				m_e	
DPC	1.16	173.5	Pg	12:31:32.689	-0.5					T__				m_e	ML 4.0
DPC	1.16	173.5	Sg	12:31:48.587	0.4					T__				m_e	
BRG	1.50	246.2	Pn	12:31:37.788	-0.9					T__				m_e	ML 3.6
BRG	1.50	246.2	Pg	12:31:39.527	-0.2					T__				m_e	
BRG	1.50	246.2	Sg	12:31:59.410	0.3					T__				m_e	
FBE	1.82	252.6	Pn	12:31:42.464	-0.6					T__				m_e	ML 3.5
FBE	1.82	252.6	Sg	12:32:09.395	0.0					T__				m_e	
MORC	1.94	151.7	Pn	12:31:44.495	-0.2					T__				m_e	ML 3.9
CLL	1.95	265.6	Pn	12:31:43.621	-1.2					T__				m_e	ML 3.6
CLL	1.95	265.6	Sg	12:32:13.227	-0.2					T__				m_e	
OKC	2.10	141.5	Pn	12:31:46.629	-0.2					T__				m_e	ML 3.4
OKC	2.10	141.5	Pg	12:31:51.288	0.3					T__				m_e	
TANN	2.54	246.2	Pn	12:31:53.057	0.2					T__				m_e	ML 3.9
TANN	2.54	246.2	Pg	12:31:59.829	0.4					T__				m_e	
TANN	2.54	246.2	Sg	12:32:32.342	0.1					T__				m_e	
WERD	2.62	247.8	Pn	12:31:53.966	0.1					T__				m_e	ML 3.8
WERD	2.62	247.8	Pg	12:32:01.537	0.7					T__				m_e	
WERD	2.62	247.8	Sg	12:32:35.149	0.5					T__				m_e	
OJC	2.65	117.4	Pg	12:32:01.243	-0.2					T__				m_e	
OJC	2.65	117.4	Sg	12:32:36.296	0.6					T__				m_e	
MOX	2.95	255.0	Pn	12:31:58.165	-0.3					T__				m_e	ML 4.0
MOX	2.95	255.0	Sg	12:32:46.709	1.4					T__				m_e	
GEC2	3.07	211.2	Pn	12:32:00.304	0.3					T__				m_e	ML 3.8
GEC2	3.07	211.2	Sg	12:32:47.937	-1.1					T__				m_e	
WET	3.13	222.5	Pn	12:32:01.057	0.2					T__				m_e	
CLZ	3.58	277.7	Pn	12:32:07.567	0.7					T__				m_e	ML 3.8
GRA1	3.59	241.7	Pn	12:32:07.670	0.6					T__				m_e	ML 4.3

Event 51229003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
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2015/12/29 12:59:02.35 0.35 1.04 50.1143 18.4327 3.3 2.6 162 0.0 0.0 15 3 003 m i sr ZAMG 51229013
 2015/12/29 12:59:03.21 0.32 1.22 50.1010 18.3960 6.7 4.4 176 1.0f 22 12 142 0.31 3.91 m i ki BGR 51229003
 (#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.7 0.2 3 ZAMG 51229013
 ML 3.0 0.4 9 BGR 51229003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.31	211.4	Pg	12:59:09.292	0.3					T__				m_e	ML 2.1
OKC	0.31	211.4	Sg	12:59:14.157	1.1					T__				m_e	
MORC	0.64	239.8	Pg	12:59:15.403	0.2					T__				m_e	ML 3.0
MORC	0.64	239.8	Sg	12:59:25.057	1.6					T__				m_e	
OJC	0.91	81.9	Pg	12:59:19.682	-0.6					T__				m_e	
OJC	0.91	81.9	Sg	12:59:33.047	1.0					T__				m_e	
DPC	1.35	281.4	Pg	12:59:28.971	0.3					T__				m_e	ML 3.5
DPC	1.35	281.4	Sg	12:59:46.908	0.8					T__				m_e	
KSP	1.53	299.8	Pn	12:59:31.350	0.4					T__				m_e	ML 2.5
KSP	1.53	299.8	Pg	12:59:34.425	2.4					T__				m_e	
BRG	2.94	287.0	Pg	12:59:57.900	-0.6					T__				m_e	ML 3.0
BRG	2.94	287.0	Sg	13:00:36.569	0.1					T__				m_e	
GEC2	3.30	249.4	Pg	13:00:04.170	-1.2					T__				m_e	ML 3.2
GEC2	3.30	249.4	Sg	13:00:47.475	-0.5					T__				m_e	
FBE	3.31	286.3	Pg	13:00:05.127	-0.4					T__				m_e	ML 3.1
FBE	3.31	286.3	Sg	13:00:49.853	1.5					T__				m_e	
CLL	3.62	291.5	Pg	13:00:09.985	-1.5					T__				m_e	
WET	3.70	257.1	Pg	13:00:11.416	-1.5					T__				m_e	ML 3.5
WET	3.70	257.1	Sg	13:01:00.649	-0.1					T__				m_e	
TANN	3.81	277.0	Pg	13:00:13.889	-1.0					T__				m_e	ML 3.4
TANN	3.81	277.0	Sg	13:01:03.802	-0.3					T__				m_e	
WERD	3.91	277.4	Pg	13:00:15.749	-1.1					T__				m_e	

Event 51229006 Bad Reichenhall, SW of Salzburg/A, Austrian-German border

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2015/12/29	20:54:16.40	0.12	1.23	47.5998	12.8300	3.4	2.4	161	3.0f		126	28	044			m i ke	LDG	51229026	
2015/12/29	20:54:15.36	0.09	0.52	47.5814	12.8597	1.0	0.7	157	6.4	1.4	52	12	003			m i fe	ZAMG	51229016	
(felt)																			
2015/12/29	20:54:16.67	0.26	1.45	47.6010	12.9420	10.0	7.8	013	5.0f		13	18	098	0.59	3.73	m i ke	BGR	51229006	
(#PRIME)																			

Magnitude Err Nsta Author OrigID
 ML 2.6 0.3 29 LDG 51229026
 ML 3.0 0.3 20 ZAMG 51229016
 ML 2.7 0.4 9 BGR 51229006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.59	152.3	Pg	20:54:27.305	-0.5					T__				m_e	ML 2.3
MOA	0.92	73.9	Pg	20:54:34.298	0.2					---				m_e	ML 2.6
WTTA	0.95	249.6	Pg	20:54:32.873	-1.6					---				m_e	ML 2.3
PART	1.24	265.8	Pg	20:54:39.755	-0.2					---				m_e	ML 2.5
FUR	1.25	297.3	Pn	20:54:39.519	-0.6					T__				m_e	
FUR	1.25	297.3	Sg	20:54:56.430	-0.0					---				m_e	

ZUGS	1.34	262.8	Pn	20:54:41.298	-0.0	T__	m_e		
GEC2	1.34	21.9	Pn	20:54:40.674	-0.7	T__	m_e ML	3.2	
CKRC	1.52	36.3	Pn	20:54:44.404	0.6	---	m_e ML	3.2	
CKRC	1.52	36.3	Sg	20:55:05.262	0.2	---	m_e		
WET	1.54	358.5	Pn	20:54:43.119	-1.0	T__	m_e		
OBKA	1.55	134.3	Pg	20:54:46.241	0.4	T__	m_e		
KHC	1.59	15.2	Pn	20:54:44.124	-0.5	T__	m_e ML	2.7	
KHC	1.59	15.2	Sg	20:55:07.375	0.3	---	m_e		
ARSA	1.78	100.4	Pg	20:54:50.034	-0.2	---	m_e		
OBER	1.80	264.8	Pn	20:54:49.033	1.5	T__	m_e ML	2.4	
OBER	1.80	264.8	Sg	20:55:13.499	-0.4	---	m_e		
UBR	1.91	273.4	Pn	20:54:50.077	1.0	---	m_e		
DAVA	2.09	262.5	Pn	20:54:52.924	1.4	T__	m_e		
GRA1	2.38	332.1	Pg	20:55:00.834	-0.7	---	m_e		
PLONS	2.48	258.4	Pn	20:54:57.896	1.2	---	m_e		
PRU	2.61	23.2	Pg	20:55:05.558	-0.3	---	m_e		
NKC	2.65	353.2	Pg	20:55:06.438	-0.2	---	m_e ML	3.2	
SLE	3.00	274.8	Pn	20:55:03.596	-0.2	T__	m_e		
PVCC	3.12	19.4	Pn	20:55:05.154	-0.2	---	m_e		
MOX	3.16	344.6	Pn	20:55:04.502	-1.6	T__	m_e		
BFO	3.17	285.0	Pn	20:55:06.187	0.0	T__	m_e		
DPC	3.53	37.6	Pg	20:55:22.951	-0.3	---	m_e		
BALST	3.56	267.7	Pn	20:55:11.169	-0.2	T__	m_e		
MORC	3.73	52.7	Pn	20:55:14.100	0.3	---	m_e		

Event 51231002 Lienheim, NW of Winterthur/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/31	19:06:16.80	0.04	0.67	47.4610	8.6492	0.9	0.8	146	4.0f		122	19	046			m i ke	LDG	51231022
2015/12/31	19:06:17.08	0.22	0.78	47.4780	8.6480	2.2	1.1	021	5.0f		53	28	128	0.31	3.80	m i ke	BGR	51231012
2015/12/31	19:06:16.86	0.13	0.18	47.4710	8.6480	1.8	0.8	014	4.0	2.0	53	25	151	0.30	2.70	m i ke	LED	51231002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.3	19 LDG	51231022
ML	2.1	0.4	18 BGR	51231012
ML	2.2	0.2	30 LED	51231002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SISB	0.30	44.6	Pg	19:06:22.900	0.3					T__				m__ ML	2.4
SISB	0.30	44.6	Sg	19:06:27.540	1.0					T__				m__	
SLE	0.31	340.6	Pg	19:06:22.870	0.1					T__				mdi ML	2.0
SLE	0.31	340.6	Sg	19:06:27.650	0.8					T__				m__	
METMA	0.36	312.3	Pg	19:06:23.750	0.1					T__				mdi ML	1.8
METMA	0.36	312.3	S*	19:06:29.230						---				m__	
METMA	0.36	312.3	Sg	19:06:28.930	0.6					T__				m__	
METMA	0.36	312.3	SmS	19:06:35.450	-1.1					---				m__	
SULZ	0.37	279.3	Pg	19:06:24.090	0.3					T__				mc__ ML	2.1
WALHA	0.43	48.5	Pg	19:06:25.040	0.1					T__				m__ ML	2.2
WALHA	0.43	48.5	Sg	19:06:31.560	1.1					T__				m__	
EMING	0.44	17.4	Pg	19:06:25.340	0.1					T__				md__ ML	2.0
EMING	0.44	17.4	Sg	19:06:31.765	0.7					---				m_e	
ROMAN	0.47	78.4	Pg	19:06:25.850	0.0					T__				mc__ ML	2.0

ROMAN	0.47	78.4	Sg	19:06:32.670	0.7	T__	m__		
BERGE	0.51	321.9	Pg	19:06:26.610	0.1	T__	mdi ML	1.8	
BERGE	0.51	321.9	PmP	19:06:29.320	-1.1	T__	m__		
BERGE	0.51	321.9	Sg	19:06:33.727	0.6	---	m_e		
FELD	0.59	313.3	Pg	19:06:28.170	0.1	T__	md ML	2.0	
FELD	0.59	313.3	PmP	19:06:30.470	-1.1	T__	m__		
FELD	0.59	313.3	SmS	19:06:40.410	-1.2	T__	m__		
LIENZ	0.60	106.7	Pg	19:06:28.320	0.2	T__	mc ML	2.0	
PLONS	0.65	130.0	Pn	19:06:31.971	-0.3	---	m_e ML	1.7	
PLONS	0.65	130.0	Pg	19:06:29.140	-0.0	---	m_e		
PLONS	0.65	130.0	Sg	19:06:38.031	0.4	---	m_e		
BALST	0.66	258.5	Pg	19:06:29.300	-0.0	T__	m ML	2.1	
BALST	0.66	258.5	Sg	19:06:39.136	1.3	---	m_e		
BALST	0.66	258.5	SmS	19:06:42.810	-0.4	T__	m__		
END	0.66	292.0	Pg	19:06:29.360	0.0	T__	m ML	2.0	
END	0.66	292.0	PmP	19:06:31.460	-1.1	T__	m__		
END	0.66	292.0	SmS	19:06:42.110	-1.1	T__	m__		
GUT	0.68	27.5	Pg	19:06:29.610	-0.0	T__	md ML	2.5	
GUT	0.68	27.5	Sg	19:06:38.960	0.6	---	m__		
GUT	0.68	27.5	SmS	19:06:42.680	-1.0	T__	m__		
KIZ	0.69	314.9	Pg	19:06:29.830	-0.1	T__	m ML	2.5	
KIZ	0.69	314.9	PmP	19:06:31.570	-1.4	T__	m__		
KIZ	0.69	314.9	SmS	19:06:42.390	-1.6	T__	m__		
FBB	0.75	315.1	PmP	19:06:32.510	-1.4	T__	m__		
DAVA	0.85	102.0	Pg	19:06:32.910	-0.1	T__	m ML	2.3	
DAVA	0.85	102.0	PmP	19:06:35.210	-0.3	T__	m__		
DAVA	0.85	102.0	Sg	19:06:45.241	1.2	---	m_e		
BFO	0.89	346.2	Pg	19:06:33.430	-0.1	T__	md ML	2.4	
BFO	0.89	346.2	PmP	19:06:34.210	-1.8	T__	m__		
BFO	0.89	346.2	Sg	19:06:45.457	0.4	---	m_e		
VOGT	0.90	313.2	PmP	19:06:34.720	-1.5	T__	m ML	2.5	
VOGT	0.90	313.2	Sg	19:06:46.520	1.1	T__	m__		
BOURR	0.96	266.0	Pg	19:06:35.310	0.3	T__	m ML	2.1	
BOURR	0.96	266.0	PmP	19:06:36.020	-1.3	T__	m__		
UBR	1.01	77.4	Pg	19:06:36.180	0.3	T__	mc ML	2.5	
UBR	1.01	77.4	PmP	19:06:37.450	-0.6	T__	m__		
UBR	1.01	77.4	Sg	19:06:50.050	1.2	T__	m__		
UBR	1.01	77.4	SmS	19:06:52.500	-0.1	T__	m__		
OPP	1.07	343.4	Pn	19:06:36.840	-1.1	T__	md ML	2.1	
OPP	1.07	343.4	PmP	19:06:37.590	-1.6	T__	m__		
OPP	1.07	343.4	SmS	19:06:52.590	-1.9	T__	m__		
BUCH	1.09	25.5	Pn	19:06:36.980	-1.2	T__	md ML	2.7	
BUCH	1.09	25.5	PmP	19:06:38.140	-1.3	T__	m__		
MOF	1.09	291.0	Pg	19:06:37.880	0.5	T__	m ML	2.1	
MOF	1.09	291.0	PmP	19:06:38.700	-0.8	T__	m__		
MOF	1.09	291.0	SmS	19:06:53.570	-1.4	T__	m__		
LBG	1.20	4.7	Pn	19:06:38.450	-1.2	T__	m ML	2.5	
LBG	1.20	4.7	PmP	19:06:39.660	-1.7	T__	m__		
ECH	1.25	307.3	Pn	19:06:39.380	-1.0	T__	m ML	2.1	
ECH	1.25	307.3	Pg	19:06:40.510	0.1	T__	m__		
ECH	1.25	307.3	Sg	19:06:57.208	0.7	---	m_e		
STU	1.35	15.4	Sg	19:07:00.560	0.8	---	m ML	2.6	
CHMF	1.37	261.4	Pn	19:06:41.370	-0.7	---	m ML	2.3	
CHMF	1.37	261.4	Pg	19:06:42.940	0.2	---	m__		
RETA	1.43	88.6	Pg	19:06:43.970	0.2	---	m__		

HDH	1.53	42.5	Sg	19:07:05.540	0.2	---	m__	ML	2.4
BRET	1.54	1.0	Pg	19:06:45.860	-0.1	---	m__	ML	2.3
BRET	1.54	1.0	Sn	19:07:02.470	-1.4	---	m__		
BRET	1.54	1.0	Sg	19:07:06.540	0.7	---	m__		
ZUGS	1.58	91.1	Pg	19:06:46.978	0.4	---	m_e		
ZUGS	1.58	91.1	Sg	19:07:09.185	2.2	---	m_e		
PART	1.67	88.2	Pg	19:06:47.830	-0.5	---	m_e	ML	2.0
PART	1.67	88.2	Sg	19:07:10.797	0.9	---	m_e		
NORI	1.82	45.9	Sg	19:07:15.072	0.5	---	m_e	ML	2.4
FUR	1.89	67.6	Sg	19:07:17.951	0.9	---	m_e	ML	2.7
SIND	1.98	18.3	Pg	19:06:54.270	0.0	---	m__	ML	2.4
WTTA	2.03	94.7	Pg	19:06:53.285	-1.9	---	m_e	ML	2.3
WTTA	2.03	94.7	Sg	19:07:20.069	-1.4	---	m_e		
TOD	2.14	2.7	Pn	19:06:51.270	-1.2	---	m__		
MILB	2.40	10.0	Pn	19:06:54.437	-1.5	---	m_e	ML	2.9
MILB	2.40	10.0	Pg	19:07:02.550	0.5	---	m_e		
MILB	2.40	10.0	Sg	19:07:32.734	-0.2	---	m_e		
GRC1	2.45	50.4	Pn	19:06:54.950	-1.7	---	m__	ML	2.5
GRC1	2.45	50.4	Sn	19:07:23.810	-1.3	---	m__		
ABH	2.52	343.6	Pn	19:06:57.560	-0.0	---	m__	ML	2.7
ABH	2.52	343.6	Pg	19:07:04.195	-0.1	---	m_e		
ABH	2.52	343.6	Sg	19:07:36.805	-0.0	---	m_e		
GRB2	2.70	47.0	Pn	19:06:58.450	-1.6	---	m__	ML	2.5
WLF	2.75	324.0	Sg	19:07:43.697	-0.4	---	m_e		
TNS	2.75	357.3	Sg	19:07:44.807	0.4	---	m_e		
GRFO	2.80	36.5	Sg	19:07:45.470	-0.2	---	m_e		
GRA1	2.80	36.5	Sn	19:07:33.776	0.4	---	m_e		
GRA1	2.80	36.5	Sg	19:07:45.285	-0.5	---	m_e		
WET	3.27	57.7	Pn	19:07:07.103	-0.7	---	m_e		
WET	3.27	57.7	Sn	19:07:43.962	-0.6	---	m_e		
WET	3.27	57.7	Sg	19:08:00.066	-0.8	---	m_e		
GEC2	3.64	66.0	Pn	19:07:12.893	0.1	---	m_e		
GEC2	3.64	66.0	Sn	19:07:53.485	0.3	---	m_e		
GEC2	3.64	66.0	Sg	19:08:11.787	-0.7	---	m_e		
MOX	3.72	30.4	Sg	19:08:14.215	-0.9	---	m_e		
MOA	3.80	82.2	Pn	19:07:15.825	0.8	---	m_e		
MOA	3.80	82.2	Sn	19:07:59.338	2.3	---	m_e		
MOA	3.80	82.2	Sg	19:08:18.196	0.6	---	m_e		

Event 51231003 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/12/31	20:42:00.80	0.04	0.78	44.7570	6.7413	0.9	0.7	053	5.0f		197	41	037			m i ke	LDG	51231013
2015/12/31	20:42:02.49	0.38	1.65	44.7200	6.5960	10.0	6.7	104	5.0f		68	31	288	2.72	6.82	m i ke	BGR	51231003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	0.0	3 LDG	51231013
ML	3.4	0.4	61 LDG	51231013
ML	3.6	0.2	16 BGR	51231003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	2.72	15.9	Pn	20:42:45.778	-0.1					T__				m_e	ML 3.4

BALST	2.72	15.9	Pg	20:42:51.954	-1.9	T__	m_e	
BALST	2.72	15.9	Sg	20:43:26.925	-2.1	T__	m_e	
SULZ	3.00	20.0	Pn	20:42:48.936	-0.7	T__	m_e ML	3.6
SULZ	3.00	20.0	Pg	20:42:57.276	-1.7	T__	m_e	
SULZ	3.00	20.0	Sn	20:43:24.504	0.9	T__	m_e	
SULZ	3.00	20.0	Sg	20:43:37.285	-0.5	T__	m_e	
PLONS	3.03	38.8	Pn	20:42:49.579	-0.5	T__	m_e ML	3.5
PLONS	3.03	38.8	Pg	20:42:56.128	-3.5	T__	m_e	
PLONS	3.03	38.8	Sn	20:43:27.218	2.9	T__	m_e	
PLONS	3.03	38.8	Sg	20:43:36.588	-2.2	T__	m_e	
METMA	3.20	20.4	Pn	20:42:52.096	-0.3	T__	m_e ML	3.2
METMA	3.20	20.4	Pg	20:43:00.411	-2.5	T__	m_e	
METMA	3.20	20.4	Sn	20:43:28.910	0.5	T__	m_e	
METMA	3.20	20.4	Sg	20:43:41.974	-2.3	T__	m_e	
SLE	3.32	22.6	Pn	20:42:52.844	-1.1	T__	m_e ML	3.7
SLE	3.32	22.6	Sn	20:43:31.525	0.5	T__	m_e	
SLE	3.32	22.6	Sg	20:43:46.706	-1.2	T__	m_e	
BERGE	3.34	18.6	Pn	20:42:52.985	-1.2	T__	m_e ML	3.3
BERGE	3.34	18.6	Pg	20:43:03.957	-1.4	T__	m_e	
BERGE	3.34	18.6	Sn	20:43:31.702	0.2	T__	m_e	
BERGE	3.34	18.6	Sg	20:43:46.201	-2.3	T__	m_e	
DAVA	3.43	40.5	Pn	20:42:57.240	1.7	T__	m_e ML	3.7
DAVA	3.43	40.5	Sn	20:43:37.053	3.3	T__	m_e	
WALHA	3.50	29.1	Pn	20:42:55.782	-0.6	T__	m_e ML	3.8
WALHA	3.50	29.1	Pg	20:43:05.312	-3.1	T__	m_e	
WALHA	3.50	29.1	Sn	20:43:36.588	1.2	T__	m_e	
WALHA	3.50	29.1	Sg	20:43:52.546	-1.1	T__	m_e	
ECH	3.52	6.1	Pn	20:42:56.047	-0.6	T__	m_e ML	3.5
ECH	3.52	6.1	Sn	20:43:34.744	-1.0	T__	m_e	
EMING	3.54	25.3	Pn	20:42:55.839	-1.1	T__	m_e ML	3.6
EMING	3.54	25.3	Pg	20:43:06.575	-2.5	T__	m_e	
EMING	3.54	25.3	Sn	20:43:36.820	0.7	T__	m_e	
EMING	3.54	25.3	Sg	20:43:52.744	-2.1	T__	m_e	
BFO	3.80	17.7	Pn	20:42:59.294	-1.2	T__	m_e ML	3.5
BFO	3.80	17.7	Sn	20:43:43.102	0.7	T__	m_e	
UBR	3.83	38.1	Pn	20:43:01.595	0.7	T__	m_e ML	3.7
UBR	3.83	38.1	Sn	20:43:44.730	1.6	T__	m_e	
WTTA	4.33	52.2	Pn	20:43:08.408	0.8	T__	m_e	
STU	4.42	22.8	Sn	20:43:57.925	0.9	T__	m_e ML	3.8
STU	4.42	22.8	Sg	20:44:23.816	0.8	T__	m_e	
ROTT	4.53	13.0	Pn	20:43:09.367	-1.1	T__	m_e	
FUR	4.72	41.4	Pn	20:43:13.738	0.8	T__	m_e	
FUR	4.72	41.4	Sn	20:44:04.971	1.1	T__	m_e	
NORI	4.86	33.2	Sn	20:44:08.461	1.2	T__	m_e ML	3.7
WLF	4.95	356.7	Pn	20:43:17.005	0.9	T__	m_e	
RIVT	4.99	1.3	Pn	20:43:16.596	-0.0	T__	m_e	
RIVT	4.99	1.3	Sn	20:44:12.183	1.8	T__	m_e	
RIVT	4.99	1.3	Sg	20:44:42.808	1.8	T__	m_e	
ABH	5.20	6.8	Pn	20:43:19.187	-0.3	T__	m_e	
ABH	5.20	6.8	Sn	20:44:18.698	3.4	T__	m_e	
MILB	5.43	18.7	Pn	20:43:21.135	-1.4	T__	m_e	
TNS	5.64	12.1	Pn	20:43:25.098	-0.4	T__	m_e ML	3.5
TNS	5.64	12.1	Sg	20:45:01.621	-0.1	T__	m_e	
AHRW	5.83	3.0	Pn	20:43:27.992	-0.0	T__	m_e	
OBKA	5.84	69.4	Pn	20:43:27.304	-0.9	T__	m_e	

GRFO	5.88	30.6	Pg	20:43:52.518	-0.8	T__	m_e	
GRA1	5.88	30.6	Sn	20:44:32.424	1.2	T__	m_e ML	3.6
GRA1	5.88	30.6	Sg	20:45:07.089	-2.2	T__	m_e	
MOA	6.15	56.7	Pn	20:43:32.664	0.3	T__	m_e	
MOA	6.15	56.7	Sn	20:44:39.128	1.5	T__	m_e	
WET	6.16	41.9	Pn	20:43:31.078	-1.4	T__	m_e	
WET	6.16	41.9	Sn	20:44:37.310	-0.5	T__	m_e	
GEC2	6.37	47.2	Pn	20:43:34.087	-1.3	T__	m_e	
GEC2	6.37	47.2	Sn	20:44:41.218	-1.7	T__	m_e	
ARSA	6.69	64.6	Pn	20:43:38.696	-1.0	T__	m_e	
MOX	6.82	27.9	Sn	20:44:56.852	3.5	T__	m_e	
MOX	6.82	27.9	Sg	20:45:40.126	1.1	T__	m_e	

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

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