

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 61101015 Groningen/NL

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	00:57:46.00			53.3060	6.8090				3.0							m i k i	KNMI	61101025
2016/11/01	00:57:46.59	0.53	0.80	53.2980	6.6540	10.0	4.4	103	3.0f		14	8	210	1.15	3.27	m i k i	BGR	61101015

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.2			KNMI	61101025
ML	2.2	0.1	4	BGR	61101015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HLG	1.15	38.9	Pg	00:58:08.303	0.1					T__				m_e	
HLG	1.15	38.9	Sg	00:58:23.303	0.3					T__				m_e	
IBBN	1.20	145.6	Pg	00:58:09.607	0.5					T__				m_e	ML 2.2
IBBN	1.20	145.6	Sg	00:58:25.780	1.2					T__				m_e	
WTSB	1.33	176.2	Pg	00:58:10.807	-0.9					T__				m_e	ML 2.2
WTSB	1.33	176.2	Sg	00:58:29.939	0.9					T__				m_e	
BUG	1.89	168.3	Sg	00:58:47.575	0.8					T__				m_e	ML 2.1
KAST	2.36	152.1	Pg	00:58:30.161	-0.8					T__				m_e	ML 2.1
KAST	2.36	152.1	Sg	00:58:59.667	-1.8					T__				m_e	
MEM	2.72	188.7	Pn	00:58:29.674	-0.5					T__				m_e	
MEM	2.72	188.7	Pg	00:58:37.725	-0.1					T__				m_e	
MEM	2.72	188.7	Sg	00:59:13.076	0.1					T__				m_e	
AHRW	2.77	174.4	Pn	00:58:31.435	0.6					T__				m_e	
TNS	3.27	159.4	Pn	00:58:37.588	-0.0					T__				m_e	

Event 61101006 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	03:19:05.50	0.09	0.83	42.9348	13.2987	2.8	1.9	053	25.0	0.0	161	31	027			m i k e	LDG	61101016
2016/11/01	03:19:05.70			42.9100	13.3100				25.0f							m i k e	INGV	61101006

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	3.4	0.3	31	LDG	61101016
ML	3.7			INGV	61101006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	4.84	355.9	Pn	03:20:18.379	2.9					___				m_e	ML 3.7
RJOB	4.84	355.9	Sn	03:21:13.284	7.1					___				m_e	
BE1	5.21	344.4	Pn	03:20:24.369	3.9					___				m_e	ML 4.0
KW1	5.24	354.8	Pn	03:20:21.174	0.4					___				m_e	ML 3.8
UBR	5.27	335.9	Pn	03:20:24.108	2.8					___				m_e	ML 3.9
GEC2	5.94	2.5	Pn	03:20:31.803	1.4					___				m_e	ML 3.8
GEC2	5.94	2.5	Sn	03:21:36.136	4.0					___				m_e	
WET	6.24	357.4	Pn	03:20:35.650	1.2					___				m_e	ML 3.7
WET	6.24	357.4	Sn	03:21:43.090	3.9					___				m_e	
BFO	6.44	329.0	Pn	03:20:38.845	1.7					___				m_e	ML 3.8
BFO	6.44	329.0	Sn	03:21:50.644	6.8					___				m_e	
STU	6.52	335.4	Sn	03:21:51.760	6.0					___				m_e	

ROTZ	6.90	354.1	Pn	03:20:44.649	1.3	---	m_e	ML	3.2
ROTZ	6.90	354.1	Sn	03:21:57.425	2.8	---	m_e		
GRA1	6.93	348.7	Sn	03:22:01.117	5.7	---	m_e	ML	4.2
MANZ	7.12	353.8	Pn	03:20:47.453	1.0	---	m_e	ML	3.2
MANZ	7.12	353.8	Sn	03:22:02.576	2.7	---	m_e		
MOX	7.82	352.1	Pn	03:20:57.430	1.6	---	m_e		
MOX	7.82	352.1	Sn	03:22:20.946	4.7	---	m_e		
TNS	8.04	337.2	Sn	03:22:30.046	8.7	---	m_e		
WLF	8.36	326.3	Pn	03:21:06.885	3.7	---	m_e		

Event 61101007 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	06:36:06.50	0.14	1.50	42.8895	13.0589	5.5	3.1	042	9.0f		112	29	051			m i ke	LDG	61101017
2016/11/01	06:36:05.50			43.0100	13.1400				9.0f							m i ke	INGV	61101007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.2	16 LDG	61101017
ML	3.6		INGV	61101007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
RJOB	4.73	357.2	Pn	06:37:19.205	3.5					---				m_e	ML	3.9
RJOB	4.73	357.2	Sn	06:38:15.388	8.8					---				m_e		
BE1	5.08	345.3	Sn	06:38:23.489	8.7					---				m_e	ML	4.0
UBR	5.13	336.5	Pn	06:37:25.175	4.1					---				m_e	ML	3.9
GEC2	5.85	3.6	Pn	06:37:33.083	2.3					---				m_e	ML	3.7
WET	6.14	358.4	Pn	06:37:36.542	1.8					---				m_e	ML	3.8
WET	6.14	358.4	Sn	06:38:40.896	1.3					---				m_e		
BFO	6.29	329.4	Sn	06:38:48.012	4.8					---				m_e		
ROTZ	6.79	354.9	Pn	06:37:46.348	2.8					---				m_e	ML	3.2
ROTZ	6.79	354.9	Sn	06:38:58.850	4.0					---				m_e		
GRA1	6.81	349.5	Sn	06:39:00.602	5.2					---				m_e		
MANZ	7.01	354.6	Pn	06:37:50.378	3.8					---				m_e	ML	3.2
MANZ	7.01	354.6	Sn	06:39:05.091	5.0					---				m_e		
MOX	7.71	352.8	Pn	06:37:58.491	2.5					---				m_e	ML	4.0
MOX	7.71	352.8	Sn	06:39:20.636	4.2					---				m_e		
TNS	7.90	337.6	Pn	06:38:02.164	3.6					---				m_e		
TNS	7.90	337.6	Sn	06:39:26.767	5.9					---				m_e		

Event 61101008 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	07:56:41.20	0.14	1.75	42.9199	13.0403	5.6	2.9	047	9.0f		191	41	050			m i ke	LDG	61101028
2016/11/01	07:56:45.50	0.32	0.21	43.1500	13.1180				10.0f				7 355	8.09	8.86	m i ke	BNS	61101018
2016/11/01	07:56:39.60			43.0000	13.1600				10.0f							m i ke	INGV	61101008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.6	0.3	32 LDG	61101028
ML	4.6		BNS	61101018



MANZ	7.03	354.5	Pn	08:09:10.220	4.8	---	m_e
MANZ	7.03	354.5	Sn	08:10:22.235	3.1	---	m_e
MOX	7.73	352.7	Sn	08:10:37.714	2.3	---	m_e

Event 61101010 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	15:13:42.70	0.12	0.61	42.9032	13.2384	3.1	1.8	062	10.0f		96	31	136			m i ke	LDG	61101020
2016/11/01	15:13:43.50			42.9000	13.1700				9.0f							m i ke	INGV	61101010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	25 LDG	61101020
ML	3.6		INGV	61101010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	4.84	357.0	Pn	15:14:58.396	3.2					---				m_e	ML 3.8
RJOB	4.84	357.0	Sn	15:15:55.607	8.4					---				m_e	
UBR	5.24	336.8	Pn	15:15:03.660	3.1					---				m_e	ML 3.8
UBR	5.24	336.8	Sn	15:16:05.938	9.4					---				m_e	
GEC2	5.96	3.4	Pn	15:15:12.047	1.8					---				m_e	ML 3.8
GEC2	5.96	3.4	Sn	15:16:18.495	5.2					---				m_e	
WET	6.25	358.2	Pn	15:15:15.883	1.7					---				m_e	ML 3.8
WET	6.25	358.2	Sn	15:16:22.447	2.3					---				m_e	
BFO	6.40	329.8	Pn	15:15:19.981	3.7					---				m_e	
ROTZ	6.90	354.8	Pn	15:15:24.407	1.4					---				m_e	ML 3.8
ROTZ	6.90	354.8	Sn	15:16:37.024	1.5					---				m_e	
GRA1	6.92	349.5	Sn	15:16:39.834	3.8					---				m_e	ML 4.2
MANZ	7.12	354.5	Pn	15:15:28.591	2.5					---				m_e	
MOX	7.82	352.7	Sn	15:16:59.373	2.3					---				m_e	

Event 61101013 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	18:02:53.90	0.07	0.73	42.7943	13.1548	2.5	1.6	043	11.0f		153	33	046			m i ke	LDG	61101023
2016/11/01	18:02:54.10			42.8100	13.1300				11.0f							m i ke	INGV	61101013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.4	29 LDG	61101023
ML	3.8		INGV	61101013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	4.93	357.4	Pn	18:04:10.241	3.5					---				m_e	
UBR	5.31	337.5	Pn	18:04:17.990	6.1					---				m_e	
GEC2	6.05	3.6	Pn	18:04:23.705	1.8					---				m_e	
WET	6.34	358.5	Pn	18:04:27.460	1.7					---				m_e	
BFO	6.46	330.4	Pn	18:04:31.542	4.1					---				m_e	
ROTZ	6.99	355.1	Pn	18:04:37.093	2.5					---				m_e	
GRA1	7.01	349.8	Pn	18:04:39.107	4.2					---				m_e	
MOX	7.90	353.0	Pn	18:04:49.448	2.4					---				m_e	

## Event 61101014 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	18:03:07.40	0.08	0.29	42.8077	13.2080	1.9	1.2	058	10.0f		82	35	104			m i ke	LDG	61101024
2016/11/01	18:03:07.70			42.8000	13.1600				9.0f							m i ke	INGV	61101014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	30 LDG	61101024
ML	3.9		INGV	61101014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	4.94	357.2	Pn	18:04:24.311	3.6					---				m_e	
GEC2	6.06	3.4	Pn	18:04:36.225	0.4					---				m_e	
WET	6.35	358.3	Pn	18:04:41.264	1.5					---				m_e	
BFO	6.48	330.3	Pn	18:04:45.426	3.9					---				m_e	
ECH	6.85	324.3	Pn	18:04:49.377	2.8					---				m_e	
ROTZ	7.00	354.9	Pn	18:04:51.205	2.6					---				m_e	
GRA1	7.02	349.7	Pn	18:04:51.991	3.1					---				m_e	
MANZ	7.22	354.6	Pn	18:04:54.748	3.1					---				m_e	
MOX	7.92	352.9	Pn	18:05:02.213	1.2					---				m_e	
TNS	8.10	338.1	Pn	18:05:07.381	3.9					---				m_e	

## Event 61101012 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/01	19:03:20.30	0.08	0.81	42.7867	13.0344	2.7	1.7	035	10.0f		162	34	027			m i ke	LDG	61101022
2016/11/01	19:03:20.50			42.8000	13.0300				10.0f							m i ke	INGV	61101012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.8		1 LDG	61101022
ML	3.3	0.4	31 LDG	61101022
ML	3.7		INGV	61101012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	4.94	358.2	Pn	19:04:36.856	3.5					---				m_e	ML 3.8
RJOB	4.94	358.2	Sn	19:05:35.781	9.5					---				m_e	
UBR	5.30	338.2	Pn	19:04:42.245	4.0					---				m_e	ML 3.9
UBR	5.30	338.2	Sn	19:05:45.633	11.0					---				m_e	
GEC2	6.06	4.2	Pn	19:04:50.281	1.7					---				m_e	ML 3.8
GEC2	6.06	4.2	Sn	19:05:58.546	5.9					---				m_e	
WET	6.34	359.1	Pn	19:04:54.255	1.8					---				m_e	ML 3.9
WET	6.34	359.1	Sn	19:06:02.283	3.0					---				m_e	
BFO	6.43	330.9	Pn	19:04:55.954	2.3					---				m_e	
ROTZ	6.99	355.6	Pn	19:05:02.477	1.3					---				m_e	ML 3.8
ROTZ	6.99	355.6	Sn	19:06:16.624	2.2					---				m_e	
GRA1	7.00	350.4	Pn	19:05:05.739	4.4					---				m_e	ML 4.2
MANZ	7.21	355.3	Pn	19:05:07.252	3.0					---				m_e	ML 3.8
MANZ	7.21	355.3	Sn	19:06:24.473	4.8					---				m_e	

MOX	7.90	353.5	Pn	19:05:15.005	1.4	---	m_e	ML	4.0
MOX	7.90	353.5	Sn	19:06:40.309	4.4	---	m_e		
WLF	8.34	327.7	Pn	19:05:23.939	4.4	---	m_e		

Event 61102007 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/02	19:37:49.10	0.09	0.34	42.8883	13.1371	2.1	1.6	058	9.0f		66	29	144			m i ke	LDG	61102017
2016/11/02	19:37:48.80			42.8800	13.0700				8.0f							m i ke	INGV	61102007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.4	27 LDG	61102017
ML	4.0		INGV	61102007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.78	15.6	Pn	19:38:49.999	3.9					---				m_e	ML 4.3
KBA	4.20	2.6	Pn	19:38:56.223	4.3					---				m_e	ML 4.1
KBA	4.20	2.6	Sn	19:39:45.297	7.7					---				m_e	
WTTA	4.50	347.5	Pn	19:39:01.204	5.3					---				m_e	ML 4.4
ARSA	4.70	20.8	Pn	19:39:02.220	3.6					---				m_e	ML 3.9
ARSA	4.70	20.8	Sn	19:39:55.080	5.8					---				m_e	
PART	4.82	344.1	Pn	19:39:06.179	5.9					---				m_e	ML 3.9
RJOB	4.86	357.8	Pn	19:39:05.435	4.6					---				m_e	ML 4.1
RJOB	4.86	357.8	Sn	19:40:04.880	11.8					---				m_e	
OBER	4.93	337.6	Pn	19:39:08.202	6.4					---				m_e	ML 3.9
DAVA	4.95	334.0	Pn	19:39:07.868	5.9					---				m_e	ML 4.2
DAVA	4.95	334.0	Sn	19:40:09.618	14.5					---				m_e	
MOA	5.04	9.2	Pn	19:39:07.438	4.2					---				m_e	ML 3.9
MOA	5.04	9.2	Sn	19:40:07.305	10.0					---				m_e	
UBR	5.23	337.6	Pn	19:39:11.606	5.7					---				m_e	ML 4.2
UBR	5.23	337.6	Sn	19:40:11.812	10.0					---				m_e	
GEC2	5.98	4.0	Pn	19:39:19.587	3.6					---				m_e	ML 4.2
GEC2	5.98	4.0	Sn	19:40:27.798	8.4					---				m_e	
WET	6.27	358.9	Pn	19:39:22.984	3.1					---				m_e	ML 4.0
WET	6.27	358.9	Sn	19:40:32.328	6.3					---				m_e	
ROTZ	6.91	355.4	Pn	19:39:31.369	2.7					---				m_e	ML 4.1
ROTZ	6.91	355.4	Sn	19:40:47.266	6.0					---				m_e	
MANZ	7.14	355.0	Pn	19:39:36.303	4.6					---				m_e	ML 4.2
MANZ	7.14	355.0	Sn	19:40:52.866	6.3					---				m_e	
MOX	7.83	353.2	Pn	19:39:44.725	3.7					---				m_e	ML 4.2
MOX	7.83	353.2	Sn	19:41:08.334	5.5					---				m_e	
TNS	8.00	338.2	Pn	19:39:48.991	5.6					---				m_e	ML 4.3

Event 61103002 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/03	00:35:01.50	0.11	1.33	42.9533	12.9718	4.3	2.2	045	9.0f		202	41	046			m i ke	LDG	61103022
2016/11/03	00:35:05.80	0.30	0.21	43.0660	12.9590				10.0f			7	355	7.94	8.87	m i ke	BNS	61103012
2016/11/03	00:35:01.30			43.0300	13.0500				8.0f							m i ke	INGV	61103002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.5	0.4	46 LDG	61103022
ML	4.7		BNS	61103012
ML	4.8		INGV	61103002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
RJOB	4.71	357.9	Pn	00:36:13.997	2.7									m_e	ML	5.0
RJOB	4.71	357.9	Sn	00:37:09.657	7.6									m_e		
UBR	5.09	337.1	Pn	00:36:19.899	3.5									m_e	ML	5.2
FUR	5.28	347.0	Pn	00:36:22.332	3.3									m_e	ML	5.5
GEC2	5.83	4.2	Pn	00:36:27.991	1.5									m_e	ML	5.2
GEC2	5.83	4.2	Sn	00:37:31.673	3.3									m_e		
WET	6.12	358.9	Pn	00:36:31.497	1.2									m_e	ML	5.0
WET	6.12	358.9	Sn	00:37:35.635	0.6									m_e		
BFO	6.24	329.8	Pn	00:36:34.257	2.2									m_e	ML	4.9
BFO	6.24	329.8	Sn	00:37:40.808	2.8									m_e		
ROTZ	6.76	355.4	Pn	00:36:39.899	0.8									m_e	ML	5.0
ROTZ	6.76	355.4	Sn	00:37:53.046	2.8									m_e		
GRA1	6.78	349.9	Pn	00:36:42.004	2.7									m_e		
MANZ	6.99	355.0	Pn	00:36:43.543	1.4									m_e	ML	5.0
MANZ	6.99	355.0	Sn	00:37:59.036	3.5									m_e		
WERN	7.27	356.6	Pn	00:36:47.678	1.7									m_e	ML	5.2
GUNZ	7.35	356.4	Pn	00:36:47.820	0.7									m_e	ML	5.2
GUNZ	7.35	356.4	Sn	00:38:09.685	5.6									m_e		
TANN	7.40	357.1	Pn	00:36:49.261	1.6									m_e		
WERD	7.43	356.3	Pn	00:36:49.924	1.7									m_e	ML	5.1
PLN	7.48	355.6	Pn	00:36:51.314	2.5									m_e	ML	5.2
MOX	7.68	353.2	Pn	00:36:51.756	0.2									m_e	ML	5.3
MOX	7.68	353.2	Sn	00:38:17.102	5.3									m_e		
BRG	7.87	4.1	Pn	00:36:55.615	1.5									m_e	ML	5.1
FBE	7.89	1.4	Pn	00:36:55.992	1.5									m_e	ML	5.2
FBE	7.89	1.4	Sn	00:38:20.371	3.5									m_e		
NAST	8.00	335.4	Pn	00:37:00.800	4.9									m_e		
BGG	8.17	333.4	Pn	00:37:03.100	4.9									m_e		
KOE	8.24	335.7	Pn	00:37:03.800	4.6									m_e		
CLL	8.28	359.8	Pn	00:37:01.329	1.7									m_e	ML	5.3
HILG	8.47	331.2	Pn	00:37:06.900	4.6									m_e		
STB	8.67	332.9	Pn	00:37:09.300	4.3									m_e		
STB	8.67	332.9	Sn	00:38:43.500	8.4							25.9	0.70	m_e		
KAST	8.76	340.6	Pn	00:37:09.042	2.9									m_e	ML	5.0
HOBG	8.85	336.0	Pn	00:37:12.100	4.7									m_e		
KLL	8.89	331.2	Pn	00:37:12.500	4.5									m_e		
DREG	8.94	331.0	Pn	00:37:13.100	4.5									m_e		

Event 61103001 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/03	05:48:22.40	0.04	0.81	47.7832	8.7715	0.7	0.7	045	5.0f		221	37	051			m i ke	LDG	61103041
2016/11/03	05:48:24.00	0.34	0.11	47.8410	8.8180				5.0f			8	345	2.56	3.29	m i ke	BNS	61103031
2016/11/03	05:48:22.30		0.35	47.8100	8.7800				13.0	2.0	27	17	218	0.34	3.75	m i ke	BUG	61103021
2016/11/03	05:48:22.96	0.22	0.61	47.7810	8.7590	2.2	2.2	161	10.0f		25	15	074	0.18	3.45	m i ke	BGR	61103011
2016/11/03	05:48:22.28	0.04	0.11	47.7720	8.7850	0.5	0.4	357	5.0	2.0	45	21	089	0.12	1.53	m i ke	LED	61103001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	0.1	2 LDG	61103041
ML	3.2	0.3	43 LDG	61103041
ML	2.5		BNS	61103031
MD	3.3	0.3	10 BUG	61103021
ML	3.5	0.2	12 BUG	61103021
ML	2.9	0.3	15 BGR	61103011
ML	3.0	0.3	27 LED	61103001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
STEIN	0.12	151.0	Pg	05:48:24.960	0.3					T__				mdi	ML	3.2
STEIN	0.12	151.0	Sg	05:48:27.080	0.8					T__				m__		
EMING	0.13	18.6	Pg	05:48:24.890	0.0					T__				md__	ML	3.3
EMING	0.13	18.6	Sg	05:48:26.940	0.3					T__				m__		
SLE	0.20	268.4	Pg	05:48:26.240	0.2					T__				mc__	ML	2.5
WALHA	0.23	94.7	Pg	05:48:26.920	0.3					T__				mci	ML	2.6
WALHA	0.23	94.7	Sg	05:48:30.310	0.6					T__				m__		
METMA	0.36	260.7	Pg	05:48:29.270	0.1					T__				mci	ML	2.3
METMA	0.36	260.7	Sg	05:48:34.260	0.4					T__				m__		
METMA	0.36	260.7	SmS	05:48:40.670	-1.1					---				m__		
WILA	0.37	166.9	Pg	05:48:29.760	0.5					---				mdi	ML	2.8
WILA	0.37	166.9	Sg	05:48:35.350	1.3					---				m__		
GUT	0.37	36.4	Pg	05:48:29.490	0.2					T__				mdi	ML	3.3
GUT	0.37	36.4	Sg	05:48:34.650	0.5					T__				m__		
A101A	0.38	335.7	Pg	05:48:29.400	-0.1					---				m__	ML	3.4
A101A	0.38	335.7	Sg	05:48:34.700	0.3					---		1.9		m__		
BERGE	0.42	284.0	Pg	05:48:30.420	0.2					T__				mci	ML	2.7
BERGE	0.42	284.0	Sg	05:48:36.150	0.5					T__				m__		
A102A	0.46	36.9	Pg	05:48:31.000	-0.0					---				m__	ML	3.4
A102A	0.46	36.9	Sg	05:48:37.500	0.5					---		1.9		m__		
A103A	0.50	85.3	Pg	05:48:32.100	0.4					---				m__	ML	3.1
A103A	0.50	85.3	Sg	05:48:39.100	1.0					---		2.3		m__		
SULZ	0.51	242.0	Pg	05:48:32.370	0.4					---				mci	ML	2.8
SULZ	0.51	242.0	Sg	05:48:39.620	0.9					---				m__		
FELD	0.53	281.5	Pg	05:48:32.540	0.1					T__				mci	ML	2.7
FELD	0.53	281.5	Sg	05:48:39.790	0.5					T__				m__		
FELD	0.53	281.5	SmS	05:48:43.780	-1.6					T__				m__		
KIZ	0.61	287.9	Pg	05:48:33.880	0.1					T__				mc__	ML	3.1
KIZ	0.61	287.9	Sg	05:48:42.090	0.4					T__				m__		
KIZ	0.61	287.9	SmS	05:48:45.190	-2.0					T__				m__		
BFO	0.64	331.6	Pg	05:48:34.220	-0.1					T__				mdi	ML	3.2
BFO	0.64	331.6	PmP	05:48:36.270	-1.2					T__				m__		
BFO	0.64	331.6	Sg	05:48:43.442	0.9					---				m_e		
BFO	0.64	331.6	SmS	05:48:46.060	-1.8					T__				m__		
FBB	0.67	290.5	Pg	05:48:34.960	0.1					T__				m__		
FBB	0.67	290.5	SmS	05:48:46.690	-1.9					---				m__		
A104A	0.68	64.5	Pg	05:48:35.400	0.2					---				m__	ML	3.3
A104A	0.68	64.5	Sg	05:48:45.400	1.3					---		2.7		m__		
A100A	0.69	7.8	Pg	05:48:35.200	-0.1					---				m__	ML	3.4
A100A	0.69	7.8	Sg	05:48:44.900	0.7					---		3.3		m__		
ENDD	0.71	265.8	Pg	05:48:35.720	0.1					T__				mc__	ML	3.1
ENDD	0.71	265.8	PmP	05:48:37.290	-1.2					T__				m__		
ENDD	0.71	265.8	Sg	05:48:45.390	0.6					T__				m__		



ENDD	0.71	265.8	SmS	05:48:47.900	-1.8	T__	m__		
BUCH	0.78	29.0	Pg	05:48:37.040	0.1	T__	m__	ML	3.7
BUCH	0.78	29.0	PmP	05:48:38.600	-1.0	T__	m__		
BUCH	0.78	29.0	Sg	05:48:47.860	0.9	T__	m__		
BUCH	0.78	29.0	SmS	05:48:50.460	-1.1	T__	m__		
A109A	0.81	33.6	Pg	05:48:37.600	0.1	___	m__	ML	3.4
A109A	0.81	33.6	Sg	05:48:48.400	0.4	___	m__		2.9
VOGT	0.81	292.9	Pg	05:48:37.660	0.1	T__	m__	ML	3.5
VOGT	0.81	292.9	SmS	05:48:50.730	-1.7	T__	m__		
OPP	0.83	331.4	Pg	05:48:37.740	-0.2	T__	m__	ML	2.9
OPP	0.83	331.4	PmP	05:48:38.760	-1.7	T__	m__		
PLONS	0.83	150.6	Pg	05:48:38.357	0.5	___	m_e	ML	2.6
PLONS	0.83	150.6	Sg	05:48:49.852	1.2	___	m_e		
BALST	0.86	239.7	Pg	05:48:38.610	0.2	T__	m__	ML	3.3
BALST	0.86	239.7	Sg	05:48:50.769	1.3	___	m_e		
DAVA	0.88	122.9	Pg	05:48:39.710	0.7	___	m__	ML	3.0
UBR	0.89	95.4	Pg	05:48:39.790	0.6	T__	m__	ML	3.1
UBR	0.89	95.4	PmP	05:48:41.120	-0.4	T__	m__		
UBR	0.89	95.4	Sg	05:48:52.489	1.8	___	m_e		
A108A	0.91	50.1	Pg	05:48:40.300	0.9	___	m__		
A108A	0.91	50.1	Sg	05:48:51.800	0.7	___	m__		5.2
GALG	1.01	359.9	Pg	05:48:41.180	-0.2	T__	m__	ML	2.8
GALG	1.01	359.9	PmP	05:48:41.940	-1.6	T__	m__		
BABA	1.03	337.6	Pn	05:48:41.380	-1.3	T__	m__	ML	3.0
BABA	1.03	337.6	PmP	05:48:42.050	-1.7	T__	m__		
STU	1.04	15.1	Pg	05:48:41.596	-0.2	___	m_e	ML	2.9
STU	1.04	15.1	Sg	05:48:56.166	1.0	___	m_e		
A105A	1.08	109.2	Pg	05:48:43.900	1.2	___	m__	ML	2.9
A105A	1.08	109.2	Sg	05:48:58.900	2.3	___	m__		0.7
OBER	1.08	109.2	Pg	05:48:43.865	1.2	___	m_e	ML	2.6
OBER	1.08	109.2	Sg	05:48:58.782	2.1	___	m_e		
BOURR	1.11	250.8	Pn	05:48:43.030	-0.8	T__	m__	ML	2.8
WLS	1.15	304.4	Pg	05:48:44.220	0.2	___	m__	ML	2.8
A106B	1.16	32.1	Pg	05:48:43.400	-0.8	___	m__	ML	3.3
A106B	1.16	32.1	Sg	05:48:59.400	0.2	___	m__		1.6
ECH	1.18	292.8	Pn	05:48:43.680	-1.0	T__	m__		
ECH	1.18	292.8	Pg	05:48:44.600	0.2	T__	m__		
ECH	1.18	292.8	SmS	05:49:00.250	-2.5	___	m__		
HDH	1.25	48.9	Sg	05:49:02.460	0.5	___	m__	ML	3.2
RETA	1.36	101.3	Pn	05:48:47.390	0.2	___	m__	ML	2.7
RETA	1.36	101.3	Pg	05:48:48.490	0.5	___	m__		
PEB	1.48	331.7	Pn	05:48:47.900	-0.9	___	m__	ML	3.1
CHMF	1.53	250.8	Pn	05:48:48.620	-0.9	___	m__	ML	3.0
CHMF	1.53	250.8	Pg	05:48:51.390	0.2	___	m__		
NORI	1.55	51.6	Sg	05:49:11.864	0.3	___	m_e	ML	3.4
PART	1.59	99.1	Pg	05:48:52.793	0.4	___	m_e	ML	2.5
PART	1.59	99.1	Sg	05:49:14.442	1.5	___	m_e		
FUR	1.71	75.9	Pn	05:48:54.900	2.9	___	m__	ML	3.1
FUR	1.71	75.9	Sn	05:49:14.266	1.2	___	m_e		
FUR	1.71	75.9	Sg	05:49:17.466	0.8	___	m_e		
TNS	2.46	355.0	Pn	05:49:01.800	-0.3	___	m__	ML	2.9
BGG	2.61	339.2	Pn	05:49:04.400	0.2	___	m_e		
BGG	2.61	339.2	Sn	05:49:35.600	1.3	___	m_e		15.1 0.71
RJOB	2.70	89.3	Pn	05:49:07.112	1.8	___	m_e	ML	2.8
KOE	2.74	345.8	Pn	05:49:06.700	0.8	___	m_e		

AHRW	2.99	338.7	Pn	05:49:10.400	1.2	---	m_													
WET	3.04	61.7	Pn	05:49:09.500	-0.5	---	m_	ML	3.5											
STB	3.09	336.5	Pn	05:49:11.300	0.6	---	m_e													
MANZ	3.11	43.4	Sn	05:49:45.746	-0.2	---	m_e	ML	3.2											
UBBA	3.15	14.1	Pg	05:49:21.800	0.2	---	m_													
KLL	3.30	331.6	Pn	05:49:14.200	0.7	---	m_e													
DREG	3.34	331.0	Pn	05:49:14.800	0.8	---	m_e													
HOBG	3.35	344.2	Pn	05:49:14.900	0.8	---	m_e													
KAST	3.44	356.1	Pn	05:49:15.800	0.4	---	m_	ML	3.1											
GEC2	3.44	70.0	Pn	05:49:15.595	0.2	---	m_e	ML	3.2											
HGN	3.52	329.2	Pn	05:49:17.700	1.2	---	m_													
BPFI	3.78	345.1	Pn	05:49:19.100	-1.0	---	m_	ML	3.3											

Event 61103006 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/03	10:57:25.40			58.7700	1.5000				116.0f							m i ke	EMSC	61103006

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		EMSC	61103006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	6.86	131.0	Pn	10:59:03.079						---				m_e	ML 4.3
BSEG	6.86	131.0	Sn	11:00:13.308						---				m_e	
IBBN	7.36	148.7	Sn	11:00:26.531						---				m_e	ML 4.8
RETH	7.48	140.5	Pn	10:59:12.205						---				m_e	ML 4.2
RETH	7.48	140.5	Sn	11:00:27.467						---				m_e	
NRDL	7.92	138.6	Pn	10:59:18.110						---				m_e	ML 4.2
NRDL	7.92	138.6	Sn	11:00:38.185						---				m_e	
GOR1	7.96	132.3	Pn	10:59:18.751						---				m_e	ML 4.6
GOR1	7.96	132.3	Sn	11:00:40.191						---				m_e	
BUG	8.03	153.4	Sn	11:00:42.206						---				m_e	ML 4.6
ASSE	8.42	138.1	Pn	10:59:24.400						---				m_e	ML 4.1
ASSE	8.42	138.1	Sn	11:00:48.577						---				m_e	
FLT1	8.46	135.3	Pn	10:59:24.391						---				m_e	ML 4.6
FLT1	8.46	135.3	Sn	11:00:49.579						---				m_e	
KAST	8.53	149.4	Pn	10:59:27.342						---				m_e	ML 4.7
KAST	8.53	149.4	Sn	11:00:54.377						---				m_e	
CLZ	8.56	140.2	Pn	10:59:25.986						---				m_e	ML 4.9
CLZ	8.56	140.2	Sn	11:00:52.016						---				m_e	
GTTG	8.68	142.7	Sn	11:00:56.295						---				m_e	ML 5.2
AHRW	8.83	156.3	Pn	10:59:31.517						---				m_e	ML 4.5
AHRW	8.83	156.3	Sn	11:01:01.386						---				m_e	
UBBA	9.32	144.8	Sn	11:01:14.072						---				m_e	
TNS	9.44	151.8	Pn	10:59:38.522						---				m_e	
TNS	9.44	151.8	Sn	11:01:13.891						---				m_e	
WLF	9.50	161.4	Sn	11:01:18.445						---				m_e	
CLL	9.93	133.7	Pn	10:59:44.173						---				m_e	
CLL	9.93	133.7	Sn	11:01:25.162						---				m_e	
MOX	9.99	140.0	Pn	10:59:46.384						---				m_e	
PLN	10.30	138.9	Pn	10:59:49.890						---				m_e	
PLN	10.30	138.9	Sn	11:01:29.735						---				m_e	
FBE	10.37	134.0	Pn	10:59:50.154						---				m_e	

FBE	10.37	134.0	Sn	11:01:36.519	---	m_e
WERD	10.39	138.5	Pn	10:59:50.670	---	m_e
GUNZ	10.47	138.7	Pn	10:59:51.433	---	m_e
TANN	10.47	138.2	Pn	10:59:51.941	---	m_e
WERN	10.55	138.8	Pn	10:59:53.962	---	m_e
GEC2	12.22	138.9	Pn	11:00:17.419	---	m_e

Event 61103008 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/03	22:42:53.66	0.48	1.03	50.1900	19.1780	8.9	5.6	179	1.0f		15	9	156	0.40	4.21	m i k i	BGR	61103008

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	8 BGR	61103008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OJC	0.40	85.5	Pg	22:43:00.274	-0.9					T__				m_e	
OKC	0.75	242.4	Pg	22:43:08.130	0.3					T__				m_e ML	2.1
OKC	0.75	242.4	Sg	22:43:18.858	1.4					T__				m_e	
MORC	1.13	249.2	Pn	22:43:15.754	-0.2					T__				m_e ML	3.2
MORC	1.13	249.2	Pg	22:43:15.052	0.1					T__				m_e	
DPC	1.83	276.1	Pn	22:43:26.540	1.1					T__				m_e ML	3.4
DPC	1.83	276.1	Pg	22:43:28.083	-0.1					T__				m_e	
DPC	1.83	276.1	Sg	22:43:51.194	-0.7					T__				m_e	
KSP	1.95	290.7	Pn	22:43:27.891	0.9					T__				m_e ML	2.6
KSP	1.95	290.7	Pg	22:43:29.123	-1.2					T__				m_e	
KSP	1.95	290.7	Sg	22:43:55.878	0.4					T__				m_e	
BRG	3.40	283.6	Sg	22:44:41.257	-0.3					T__				m_e ML	2.9
GEC2	3.80	251.4	Sg	22:44:52.591	-1.8					T__				m_e ML	3.2
CLL	4.06	288.3	Sg	22:45:02.557	-0.2					T__				m_e ML	3.2
WET	4.21	258.0	Sg	22:45:06.943	-0.4					T__				m_e ML	3.3

Event 61104006 Zuelpich, SE of Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/04	10:10:33.80	0.10	1.49	50.7685	6.6528	2.2	1.5	167	10.0f		186	31	069			m i k e	LDG	61104056
2016/11/04	10:10:34.10		0.06	50.8200	6.7100				14.0	0.0	15	9	227	0.36	1.63	m i k e	BUG	61104046
2016/11/04	10:10:34.32	0.14	0.06	50.8050	6.6160	1.8	0.5	006	14.0	3.0	28	15	212	0.39	3.87	m i k e	LED	61104036
2016/11/04	10:10:34.10	0.46	0.21	50.8090	6.6190				15.8	6.9		12	141	0.11	0.80	m i k e	BNS	61104026
2016/11/04	10:10:34.25	0.38	1.12	50.7810	6.7310	5.6	3.3	109	10.0f		28	18	183	0.32	3.65	m i k e	BGR	61104016
2016/11/04	10:10:33.80	0.54	0.21	50.7900	6.6300				16.9	3.6		13	081			m i k e	GDNRW	61104006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	0.0	2 LDG	61104056
ML	3.4	0.3	43 LDG	61104056
MD	2.6	0.2	6 BUG	61104046
ML	3.3		3 BUG	61104046
ML	2.7	0.2	35 LED	61104036
ML	2.8		BNS	61104026
ML	2.9	0.3	13 BGR	61104016



ZERL	0.84	10.1	Pg	10:10:49.400	-0.6	---	---	m_		
ZERL	0.84	10.1	Sg	10:11:01.200	0.2	---	---	m_		
XAN	0.88	351.7	Pg	10:10:50.430	-0.2	---	5.8	m_e		
XAN	0.88	351.7	Sg	10:11:01.520	-0.7	T_	---	m_e		
FACH	0.97	116.1	Pg	10:10:51.940	-0.3	---	---	m_	ML	2.6
FACH	0.97	116.1	Sg	10:11:04.980	0.0	---	---	m_		
SORT	1.01	55.9	Pg	10:10:52.340	-0.7	T_	---	m_e		
SORT	1.01	55.9	Sg	10:11:05.600	-0.7	T_	---	m_e		
GWBD	1.05	129.4	Pn	10:10:53.490	0.3	---	430.8	0.35	m_e	
GWBD	1.05	129.4	Sn	10:11:07.490	0.6	---	---	m_		
ABH	1.08	146.8	Pn	10:10:53.730	0.2	---	---	m_	ML	3.0
ABH	1.08	146.8	Sn	10:11:07.710	0.2	---	---	m_		
RIVT	1.09	175.4	Pn	10:10:53.690	0.1	---	---	m_	ML	3.0
RIVT	1.09	175.4	Sn	10:11:07.820	0.2	---	---	m_		
HMES	1.11	37.9	Pg	10:10:54.000	-0.8	---	---	m_	ML	3.2
HMES	1.11	37.9	Sg	10:11:08.900	-0.4	---	1.3	m_		
GWBC	1.11	110.3	Pn	10:10:54.220	0.2	---	---	m_	ML	2.5
GWBC	1.11	110.3	Sg	10:11:09.950	0.4	---	---	m_		
WLF	1.17	195.4	Pn	10:10:54.960	0.3	---	---	m_	ML	3.0
WLF	1.17	195.4	Pg	10:10:55.532	-0.4	---	11.3	m_e		
WLF	1.17	195.4	Sg	10:11:10.196	-1.0	---	6.9	m_e		
KAST	1.20	69.1	Pg	10:10:55.325	-1.2	---	24.4	m_e	ML	3.1
KAST	1.20	69.1	Sg	10:11:11.044	-1.1	---	6.8	m_e		
GWBE	1.20	124.1	Pn	10:10:55.300	0.1	---	---	m_		
GWBE	1.20	124.1	Sg	10:11:11.390	-0.9	---	---	m_		
TNS	1.29	115.4	Pn	10:10:56.480	0.1	---	---	m_	ML	2.6
TNS	1.29	115.4	Pg	10:10:57.275	-1.0	---	15.1	m_e		
TNS	1.29	115.4	Sg	10:11:14.289	-0.7	---	5.1	m_e		
BODE	1.38	128.9	Sg	10:11:17.030	-0.9	---	---	m_	ML	2.8
DUP	1.38	175.8	Pg	10:10:58.060	-1.9	---	---	m_	ML	2.7
IMS	1.45	145.3	Pn	10:10:58.820	0.3	---	---	m_	ML	2.7
IMS	1.45	145.3	Sg	10:11:19.590	-0.4	---	---	m_		
WBB	1.61	125.4	Pn	10:11:01.240	0.6	---	---	m_	ML	2.6
WBB	1.61	125.4	Sg	10:11:24.180	-0.9	---	---	m_		
IBBN	1.67	24.4	Pg	10:11:03.700	-1.7	---	---	m_	ML	3.3
IBBN	1.67	24.4	Sg	10:11:26.835	-0.3	---	4.3	m_e		
IBBE	1.67	25.2	Pg	10:11:04.100	-1.4	---	---	m_	ML	3.3
IBBE	1.67	25.2	Sg	10:11:26.200	-1.0	---	---	m_		
KTD	1.74	147.0	Sg	10:11:28.060	-1.3	---	---	m_	ML	3.2
WBA	1.80	128.2	Sn	10:11:26.810	2.3	---	---	m_	ML	2.6
TOD	1.83	129.6	Pn	10:11:04.420	0.8	---	---	m_		
WBG	1.84	108.7	Pn	10:11:04.870	1.1	---	---	m_	ML	2.9
PEB	1.86	157.5	Pn	10:11:04.370	0.3	---	---	m_	ML	2.9
UBBA	2.13	87.9	Sg	10:11:39.032	-2.6	---	3.8	m_e	ML	2.7
BRET	2.22	142.5	Pn	10:11:10.300	1.4	---	---	m_	ML	2.8
BRET	2.22	142.5	Sn	10:11:42.590	8.4	---	---	m_		
GTTG	2.22	68.8	Pn	10:11:10.045	1.0	---	1.4	m_e	ML	3.5
GTTG	2.22	68.8	Pg	10:11:15.784	-0.0	---	1.5	m_e		
GTTG	2.22	68.8	Sg	10:11:41.804	-2.8	---	2.9	m_e		
BABA	2.30	153.4	Pn	10:11:11.230	1.1	---	---	m_	ML	2.4
SIND	2.39	125.9	Pn	10:11:12.210	0.9	---	---	m_	ML	2.9
WLS	2.42	168.6	Pn	10:11:12.700	1.0	---	---	m_		
GALG	2.44	144.5	Pn	10:11:13.370	1.4	---	---	m_	ML	2.5
OPP	2.50	155.7	Pn	10:11:13.660	0.8	---	---	m_	ML	2.6
CLZ	2.56	64.3	Pg	10:11:20.866	-1.3	---	6.9	m_e	ML	3.2

CLZ	2.56	64.3	Sg	10:11:52.399	-3.0	---	3.2	m_e		
RETH	2.57	40.0	Pg	10:11:22.021	-0.3	---	4.7	m_e		
ECH	2.60	172.2	Pn	10:11:14.690	0.6	---		m_e ML	3.0	
BFO	2.70	155.2	Pn	10:11:17.096	1.7	---	2.2	m_e ML	2.7	
BFO	2.70	155.2	Sg	10:11:57.142	-2.4	---	2.0	m_e		
ASSE	2.85	60.5	Sg	10:12:04.226	-0.3	---	3.7	m_e ML	2.7	
BUCH	2.93	141.9	Pn	10:11:20.330	1.7	---		m_e ML	2.7	
KIZ	2.96	163.0	Pn	10:11:19.850	0.9	---		m_e ML	2.6	
FELD	3.05	162.4	Pn	10:11:21.350	1.1	---		m_e ML	2.5	
BERGE	3.09	160.3	Pn	10:11:21.860	1.1	---		m_e ML	2.5	
GRA1	3.13	108.7	Sg	10:12:13.159	-0.3	---	2.3	m_e ML	2.9	
ENDD	3.16	166.3	Pn	10:11:22.930	1.2	---		m_e ML	2.3	
MOX	3.16	90.7	Pn	10:11:23.008	1.3	---	1.6	m_e ML	2.9	
MOX	3.16	90.7	Sg	10:12:10.332	-4.0	---	2.8	m_e		
GUT	3.16	148.3	Pn	10:11:23.170	1.4	---		m_e ML	2.6	
METMA	3.25	160.4	Pn	10:11:24.190	1.2	---		m_e ML	2.4	
SLE	3.26	157.4	Pn	10:11:24.300	1.2	---		m_e ML	2.6	
MANZ	3.58	100.8	Sg	10:12:27.154	-0.6	---	1.8	m_e		
WERD	3.62	93.2	Sg	10:12:27.342	-1.5	---	2.1	m_e		
WERN	3.69	95.6	Pn	10:11:30.631	1.8	---	2.7	m_e		
TANN	3.72	93.5	Pn	10:11:30.804	1.5	---	1.6	m_e		
UBR	3.85	142.5	Pn	10:11:33.470	2.4	---		m_e ML	2.6	

Event 61105005 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/05	11:05:45.20	0.17	0.62	43.0202	13.3263	5.3	2.6	056	8.0f		66	20	131			m i ke	LDG	61105015
2016/11/05	11:05:45.60			42.9500	13.2300				9.0							m i ke	INGV	61105005
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.3	8 LDG	61105015
ML	3.8		INGV	61105005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	4.13	1.1	Pn	11:06:46.548	-1.0					---				m_e	
WTTA	4.46	345.9	Pn	11:06:56.077	4.0					---				m_e ML	4.2
WTTA	4.46	345.9	Sn	11:07:51.546	11.4					---				m_e	
ARSA	4.59	19.8	Pn	11:07:03.223	9.3					---				m_e	
RJOB	4.80	356.5	Pn	11:07:01.011	4.4					---				m_e ML	3.8
RJOB	4.80	356.5	Sn	11:07:58.522	10.4					---				m_e	
PLONS	4.92	327.8	Pn	11:07:04.572	6.3					---				m_e ML	3.9
PLONS	4.92	327.8	Sn	11:08:01.562	10.5					---				m_e	
DAVA	4.94	332.6	Pn	11:07:04.074	5.5					---				m_e	
MOA	4.95	8.1	Pn	11:07:04.244	5.5					---				m_e	
UBR	5.21	336.2	Pn	11:07:09.689	7.4					---				m_e ML	4.1
UBR	5.21	336.2	Sn	11:08:10.943	13.0					---				m_e	
SLE	5.85	327.0	Pn	11:07:14.609	3.7					---				m_e	
BALST	5.87	320.3	Pn	11:07:15.467	4.3					---				m_e ML	4.1
BALST	5.87	320.3	Sn	11:08:21.479	8.1					---				m_e	
GEC2	5.90	3.0	Pn	11:07:22.280	10.6					---				m_e ML	3.8
GEC2	5.90	3.0	Sn	11:08:21.833	7.6					---				m_e	
WET	6.20	357.9	Pn	11:07:18.537	2.9					---				m_e ML	3.8

WET	6.20	357.9	Sn	11:08:26.257	5.1	---	m_e
BFO	6.38	329.2	Pn	11:07:22.280	4.2	---	m_e ML 3.9
BFO	6.38	329.2	Sn	11:08:33.063	7.8	---	m_e
ROTZ	6.85	354.5	Sn	11:08:45.144	8.6	---	m_e

Event 61105006 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/05	14:45:19.80	0.22	1.92	42.9617	13.2293	6.3	4.2	056	9.0f		101	28	067			m i ke	LDG	61105016
2016/11/05	14:45:20.10			42.9800	13.1300				9.0							m i ke	INGV	61105006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.6	23 LDG	61105016
ML	3.4		INGV	61105006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.67	15.4	Pn	14:46:20.567	4.7					---				m_e	
KBA	4.10	2.0	Pn	14:46:24.841	3.1					---				m_e	
WTTA	4.41	346.7	Pn	14:46:31.911	6.0					---				m_e	
ARSA	4.59	20.7	Pn	14:46:31.178	2.8					---				m_e ML	3.3
ARSA	4.59	20.7	Sn	14:47:21.331	3.5					---				m_e	
RJOB	4.76	357.3	Pn	14:46:34.655	4.0					---				m_e ML	3.7
RJOB	4.76	357.3	Sn	14:47:30.276	8.4					---				m_e	
PLONS	4.85	328.2	Pn	14:46:38.884	7.0					---				m_e ML	3.5
PLONS	4.85	328.2	Sn	14:47:33.321	9.3					---				m_e	
DAVA	4.88	333.1	Pn	14:46:37.982	5.7					---				m_e ML	3.7
DAVA	4.88	333.1	Sn	14:47:35.620	11.1					---				m_e	
MOA	4.93	8.9	Pn	14:46:36.025	3.0					---				m_e ML	3.4
MOA	4.93	8.9	Sn	14:47:32.810	6.9					---				m_e	
UBR	5.16	336.7	Sn	14:47:41.777	10.6					---				m_e ML	3.8
SULZ	5.76	323.9	Sn	14:47:55.166	9.9					---				m_e ML	3.9
BALST	5.80	320.6	Pn	14:46:49.876	5.1					---				m_e ML	3.9
BALST	5.80	320.6	Sn	14:47:54.286	8.1					---				m_e	
GEC2	5.88	3.7	Pn	14:46:47.810	2.0					---				m_e ML	3.7
GEC2	5.88	3.7	Sn	14:47:54.683	6.6					---				m_e	
WET	6.17	358.5	Pn	14:46:51.564	1.8					---				m_e ML	3.7
WET	6.17	358.5	Sn	14:47:58.772	3.9					---				m_e	
BFO	6.31	329.6	Pn	14:46:57.343	5.6					---				m_e ML	3.7
BFO	6.31	329.6	Sn	14:48:05.034	6.7					---				m_e	
ROTZ	6.82	355.0	Sn	14:48:15.001	4.9					---				m_e ML	3.1

Event 61106005 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/06	03:19:32.80	0.16	0.99	42.9389	13.1773	5.3	2.7	052	9.0f		96	35	063			m i ke	LDG	61106015
2016/11/06	03:19:31.50			43.0600	13.0600				10.0							m i ke	INGV	61106005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.4	24 LDG	61106015

ML 3.8 INGV 61106005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.61	16.5	Pn	03:20:28.397	2.1									m_e	
OBKA	3.61	16.5	Sn	03:21:11.995	6.1									m_e	
OBKA	3.61	16.5	Sg	03:21:34.376	8.2									m_e	
KBA	4.02	2.8	Pn	03:20:35.324	3.4									m_e	
KBA	4.02	2.8	Sn	03:21:20.816	5.1									m_e	
WTTA	4.32	347.1	Pn	03:20:39.986	4.0									m_e	
ARSA	4.54	21.6	Pn	03:20:40.845	2.0									m_e	
ARSA	4.54	21.6	Sn	03:21:31.936	4.2									m_e	
RJOB	4.68	357.8	Pn	03:20:44.459	3.6									m_e	
RJOB	4.68	357.8	Sn	03:21:40.421	9.3									m_e	
PLONS	4.76	328.2	Pn	03:20:47.078	5.2									m_e	
DAVA	4.78	333.2	Pn	03:20:47.723	5.5									m_e	
MOA	4.86	9.6	Pn	03:20:46.306	3.0									m_e	ML 3.8
MOA	4.86	9.6	Sn	03:21:41.740	6.3									m_e	
UBR	5.06	336.9	Pn	03:20:52.498	6.4									m_e	
SULZ	5.66	323.8	Pn	03:20:59.133	5.0									m_e	
SLE	5.69	327.3	Pn	03:20:57.537	3.0									m_e	ML 3.7
SLE	5.69	327.3	Sn	03:22:02.810	7.9									m_e	
BALST	5.70	320.4	Pn	03:20:58.260	3.5									m_e	
GEC2	5.80	4.2	Pn	03:20:58.471	2.4									m_e	ML 4.0
GEC2	5.80	4.2	Sn	03:22:04.289	6.8									m_e	
WET	6.09	358.9	Pn	03:21:01.670	1.8									m_e	ML 3.9
WET	6.09	358.9	Sn	03:22:08.683	4.5									m_e	
BFO	6.22	329.6	Pn	03:21:06.089	4.4									m_e	ML 3.8
BFO	6.22	329.6	Sn	03:22:14.747	7.5									m_e	
MANZ	6.96	354.9	Pn	03:21:15.822	4.1									m_e	
TANN	7.37	357.0	Pn	03:21:20.022	2.8									m_e	

Event 61106006 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/06	04:44:25.30	0.10	0.83	42.7550	13.1887	3.2	2.0	048	10.0	0.0	83	28	042			m i ke	LDG	61106016
2016/11/06	04:44:25.80			42.7800	13.2000				10.0							m i ke	INGV	61106006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 3.0	0.6	25	LDG	61106016
ML 3.4			INGV	61106006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.85	14.0	Pn	04:45:26.500	2.6									m_e	
OBKA	3.85	14.0	Pg	04:45:40.516	2.1									m_e	
KBA	4.30	1.3	Pn	04:45:33.441	3.5									m_e	ML 3.3
KBA	4.30	1.3	Sn	04:46:23.141	6.7									m_e	
WTTA	4.62	346.7	Pn	04:45:39.380	5.1									m_e	
ARSA	4.76	19.4	Sn	04:46:33.517	6.2									m_e	ML 3.2
RJOB	4.97	356.9	Pn	04:45:42.496	3.5									m_e	ML 3.4
RJOB	4.97	356.9	Sn	04:46:41.343	9.2									m_e	
PLONS	5.05	329.0	Pn	04:45:45.850	5.7									m_e	
MOA	5.12	8.0	Pn	04:45:44.077	2.9									m_e	ML 3.3



MOA	5.12	8.0	Sn	04:46:43.493	7.6	---	m_e
UBR	5.36	337.1	Pn	04:45:50.563	6.2	---	m_e
SLE	5.98	328.1	Pn	04:45:56.806	4.0	---	m_e ML 3.4
SLE	5.98	328.1	Sn	04:47:03.590	7.5	---	m_e
GEC2	6.08	3.1	Pn	04:45:56.247	2.2	---	m_e ML 3.5
GEC2	6.08	3.1	Sn	04:47:05.491	7.3	---	m_e
WET	6.37	358.1	Pn	04:46:00.383	2.3	---	m_e ML 3.5
WET	6.37	358.1	Sn	04:47:11.451	6.3	---	m_e
BFO	6.51	330.1	Pn	04:46:03.535	3.6	---	m_e
BFO	6.51	330.1	Sn	04:47:16.335	7.9	---	m_e

Event 61106007 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/06	18:15:19.10	0.24	2.22	42.7723	13.2442	8.6	4.6	047	10.0f		96	26	044			m i ke	LDG	61106017
2016/11/06	18:15:19.60			42.8100	13.1800				11.0							m i ke	INGV	61106007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.5	24 LDG	61106017
ML	3.6		INGV	61106007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	4.27	1.5	Pn	18:16:26.916	3.6					---				m_e	
KBA	4.27	1.5	Sn	18:17:16.586	7.2					---				m_e	
WTTA	4.59	346.8	Pn	18:16:32.436	4.9					---				m_e	
ARSA	4.74	19.6	Pn	18:16:33.050	3.4					---				m_e ML 3.3	
ARSA	4.74	19.6	Sn	18:17:26.144	5.7					---				m_e	
RJOB	4.93	357.0	Pn	18:16:36.593	4.3					---				m_e ML 3.6	
RJOB	4.93	357.0	Sn	18:17:35.494	10.5					---				m_e	
PLONS	5.02	328.9	Pn	18:16:39.790	6.4					---				m_e ML 3.5	
PLONS	5.02	328.9	Sn	18:17:38.437	11.4					---				m_e	
DAVA	5.05	333.6	Pn	18:16:39.268	5.5					---				m_e	
MOA	5.10	8.2	Pn	18:16:38.031	3.6					---				m_e ML 3.5	
MOA	5.10	8.2	Sn	18:17:36.922	8.1					---				m_e	
UBR	5.33	337.1	Pn	18:16:42.525	4.9					---				m_e ML 3.8	
UBR	5.33	337.1	Sn	18:17:45.405	11.1					---				m_e	
SLE	5.95	328.0	Pn	18:16:50.118	4.1					---				m_e ML 3.5	
SLE	5.95	328.0	Sn	18:17:57.237	8.3					---				m_e	
BALST	5.95	321.4	Pn	18:16:50.314	4.2					---				m_e	
GEC2	6.05	3.3	Pn	18:16:51.389	4.0					---				m_e ML 3.6	
GEC2	6.05	3.3	Sn	18:17:58.759	7.6					---				m_e	
WET	6.34	358.2	Pn	18:16:53.415	2.1					---				m_e ML 3.8	
WET	6.34	358.2	Sn	18:18:04.303	6.3					---				m_e	
BFO	6.48	330.1	Pn	18:16:57.414	4.2					---				m_e ML 3.8	
BFO	6.48	330.1	Sn	18:18:09.438	8.1					---				m_e	

Event 61107014 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/07	16:58:31.80	0.10	0.35	43.0070	13.1749	2.2	1.7	065	9.0f		61	22	110			m i ke	LDG	61107024
2016/11/07	16:58:32.50			43.0200	13.1400				9.0							m i ke	INGV	61107014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	1	LDG	61107024
ML	3.1	0.4	21 LDG	61107024
ML	3.4		INGV	61107014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	4.06	2.0	Pn	16:59:37.956	4.4					---				m_e	
WTTA	4.37	346.5	Pn	16:59:42.379	4.6					---				m_e	
ARSA	4.55	20.8	Pn	16:59:42.633	2.4					---				m_e	
PLONS	4.82	327.9	Pn	16:59:49.737	5.8					---				m_e	
PLONS	4.82	327.9	Sn	17:00:47.327	11.6					---				m_e	
DAVA	4.85	332.8	Pn	16:59:51.027	6.8					---				m_e	
MOA	4.89	8.9	Pn	16:59:48.996	4.1					---				m_e	
MOA	4.89	8.9	Sn	17:00:46.122	8.8					---				m_e	
UBR	5.12	336.5	Pn	16:59:53.290	5.3					---				m_e ML	3.9
SLE	5.76	327.1	Pn	17:00:00.509	3.9					---				m_e	
BALST	5.77	320.3	Pn	17:00:01.144	4.4					---				m_e	
BALST	5.77	320.3	Sn	17:01:11.125	13.1					---				m_e	
GEC2	5.84	3.6	Pn	17:00:00.648	3.0					---				m_e ML	3.8
GEC2	5.84	3.6	Sn	17:01:06.971	7.4					---				m_e	
WET	6.13	358.4	Pn	17:00:04.169	2.6					---				m_e ML	3.8
WET	6.13	358.4	Sn	17:01:10.713	4.4					---				m_e	
ROTZ	6.78	354.9	Sn	17:01:27.296	5.7					---				m_e	
GRA1	6.80	349.5	Sn	17:01:29.349	7.2					---				m_e	
MANZ	7.00	354.6	Pn	17:00:17.415	4.0					---				m_e	
MANZ	7.00	354.6	Sn	17:01:32.123	5.2					---				m_e	
GUNZ	7.36	356.0	Pn	17:00:22.242	3.9					---				m_e	

Event 61107009 Muehlhausen, Bleicherode

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/07	17:25:43.50	0.06	0.44	51.2993	10.6119	1.2	1.1	024	2.0	0.0	53	6	068			m i ke	LDG	61107019
2016/11/07	17:25:43.44	0.16	0.64	51.2720	10.6000	2.2	1.1	044	1.0f		45	21	068	0.48	2.14	m i ki	BGR	61107009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.1	7 LDG	61107019
ML	2.2	0.2	20 BGR	61107009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GTTG	0.48	304.8	Pg	17:25:52.447	-0.1					T__	13.8			m_e ML	2.3
GTTG	0.48	304.8	Sg	17:25:59.568	0.8					T__	3.3			m_e	
CLZ	0.59	346.1	Pg	17:25:54.140	-0.4					T__	29.7			m_e ML	2.2
CLZ	0.59	346.1	Sg	17:26:02.077	-0.0					T__	1.9			m_e	
UBBA	0.59	220.0	Pg	17:25:54.605	0.1					T__	4.7			m_e ML	1.7
UBBA	0.59	220.0	Sg	17:26:02.734	0.6					T__	3.0			m_e	
NEUB	0.74	94.5	Sg	17:26:07.647	0.8					T__	2.0			m_e ML	2.3
ASSE	0.86	3.0	Pg	17:25:59.037	-0.6					T__	10.5			m_e ML	2.0
ASSE	0.86	3.0	Sg	17:26:11.850	1.2					T__	1.8			m_e	
MOX	0.90	134.0	Pg	17:26:00.712	0.4					T__	30.2			m_e	
FLT1	1.13	20.2	Pg	17:26:03.893	-0.8					T__	6.1			m_e ML	2.4

FLT1	1.13	20.2	Sg	17:26:19.438	0.1	T__	6.5	m_e		
PLN	1.26	128.1	Pg	17:26:06.967	-0.2	T__	6.0	m_e ML	2.0	
PLN	1.26	128.1	Sg	17:26:24.783	1.4	T__	3.8	m_e		
NRDL	1.26	346.2	Pg	17:26:07.037	-0.1	T__	5.7	m_e ML	1.8	
NRDL	1.26	346.2	Sg	17:26:25.006	1.6	T__	2.5	m_e		
WERD	1.36	126.8	Pg	17:26:08.734	-0.3	T__	29.1	m_e ML	2.4	
WERD	1.36	126.8	Sg	17:26:27.462	0.9	T__	4.9	m_e		
KAST	1.37	268.0	Pg	17:26:08.926	-0.3	T__	5.0	m_e ML	2.1	
KAST	1.37	268.0	Sg	17:26:26.152	-0.8	T__	4.1	m_e		
GUNZ	1.42	129.0	Pn	17:26:09.172	-0.6	T__	0.8	m_e ML	2.3	
GUNZ	1.42	129.0	Pg	17:26:09.683	-0.6	T__	12.0	m_e		
GUNZ	1.42	129.0	Sg	17:26:29.373	0.8	T__	9.5	m_e		
TANN	1.45	125.4	Pn	17:26:09.680	-0.5	T__	5.4	m_e ML	2.4	
TANN	1.45	125.4	Pg	17:26:10.236	-0.6	T__	19.8	m_e		
TANN	1.45	125.4	Sg	17:26:30.301	0.6	T__	6.2	m_e		
WERN	1.49	130.6	Pn	17:26:10.282	-0.5	T__	1.9	m_e ML	2.4	
WERN	1.49	130.6	Pg	17:26:10.931	-0.7	T__	8.6	m_e		
WERN	1.49	130.6	Sg	17:26:31.120	0.2	T__	3.8	m_e		
CLL	1.50	87.7	Pn	17:26:10.754	-0.1	T__	9.2	m_e ML	2.5	
CLL	1.50	87.7	Sg	17:26:31.059	-0.1	T__	9.3	m_e		
MANZ	1.60	142.8	Pn	17:26:11.715	-0.5	T__	3.5	m_e ML	2.1	
MANZ	1.60	142.8	Pg	17:26:13.105	-0.5	T__	11.1	m_e		
MANZ	1.60	142.8	Sg	17:26:34.662	0.3	T__	2.8	m_e		
GRA1	1.63	165.7	Pn	17:26:12.052	-0.5	T__	2.0	m_e ML	2.4	
GRA1	1.63	165.7	Pg	17:26:13.906	-0.2	T__	7.3	m_e		
GRA1	1.63	165.7	Sg	17:26:36.572	1.4	T__	5.7	m_e		
TNS	1.72	233.2	Pn	17:26:13.527	-0.3	T__	1.6	m_e ML	2.2	
TNS	1.72	233.2	Pg	17:26:16.678	0.8	T__	3.7	m_e		
TNS	1.72	233.2	Sg	17:26:38.489	0.4	T__	4.9	m_e		
FBE	1.76	100.4	Sg	17:26:39.199	-0.3	T__	2.8	m_e ML	2.0	
ROTZ	1.82	145.2	Pn	17:26:15.017	-0.2	T__	2.4	m_e ML	2.0	
ROTZ	1.82	145.2	Pg	17:26:16.522	-1.2	T__	5.8	m_e		
ROTZ	1.82	145.2	Sn	17:26:38.213	0.5	T__	2.4	m_e		
BRG	2.14	99.4	Sg	17:26:51.429	0.1	T__	3.1	m_e ML	2.2	

Event 61107015 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/07	18:56:16.50	0.06	0.63	42.8966	13.0908	2.1	1.4	043	8.0f		162	35	051			m i ke	LDG	61107025
2016/11/07	18:56:16.00			42.8900	13.1500				13.0							m i ke	INGV	61107015

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	4.0	1	LDG	61107025
ML	3.6	0.3	32 LDG	61107025
ML	4.0		INGV	61107015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	4.19	1.8	Pn	18:57:22.198	3.8					---				m_e	ML 4.0
KBA	4.19	1.8	Sn	18:58:10.997	7.5					---				m_e	
WTTA	4.50	346.8	Pn	18:57:28.422	5.8					---				m_e	ML 4.3
WTTA	4.50	346.8	Sn	18:58:22.962	12.1					---				m_e	
ARSA	4.67	20.2	Pn	18:57:27.709	2.8					---				m_e	

PLONS	4.94	328.7	Pn	18:57:34.520	6.0	---	m_e	ML	4.0
PLONS	4.94	328.7	Sn	18:58:33.541	12.4	---	m_e		
DAVA	4.96	333.4	Pn	18:57:36.538	7.7	---	m_e		
MOA	5.02	8.6	Pn	18:57:33.210	3.6	---	m_e		
UBR	5.25	337.0	Pn	18:57:41.383	8.7	---	m_e		
FUR	5.43	346.7	Sn	18:58:43.931	11.2	---	m_e	ML	4.4
SLE	5.87	327.8	Pn	18:57:45.358	4.2	---	m_e		
BALST	5.88	321.0	Pn	18:57:46.768	5.5	---	m_e	ML	4.2
BALST	5.88	321.0	Sn	18:58:51.969	8.8	---	m_e		
GEC2	5.97	3.5	Pn	18:57:45.342	2.9	---	m_e	ML	4.1
GEC2	5.97	3.5	Sn	18:58:52.176	6.9	---	m_e		
WET	6.26	358.4	Pn	18:57:48.781	2.4	---	m_e	ML	4.1
WET	6.26	358.4	Sn	18:58:57.065	4.9	---	m_e		
BFO	6.40	329.9	Pn	18:57:53.816	5.5	---	m_e	ML	4.0
BFO	6.40	329.9	Sn	18:59:03.744	8.3	---	m_e		
ROTZ	6.91	354.9	Sn	18:59:13.925	6.5	---	m_e	ML	3.4
GRA1	6.93	349.6	Sn	18:59:14.724	6.8	---	m_e	ML	4.5
MANZ	7.13	354.6	Pn	18:58:02.250	4.0	---	m_e		

Event 61109021 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/09	03:15:07.70	0.06	0.57	42.9958	13.1593	2.0	1.2	047	9.0f		87	30	068			m i ke	LDG	61109031
2016/11/09	03:15:08.50			43.0000	13.1500				9.0							m i ke	INGV	61109021
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	29 LDG	61109031
ML	3.5		INGV	61109021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.65	15.3	Pn	03:16:07.279	3.3					---	4.2			m_e	
KBA	4.08	1.9	Pn	03:16:13.397	3.6					---	11.0			m_e	ML 3.5
KBA	4.08	1.9	Sn	03:17:00.360	6.1					---				m_e	
WTTA	4.40	346.5	Pn	03:16:18.677	4.6					---	10.3			m_e	ML 3.8
WTTA	4.40	346.5	Sn	03:17:10.590	9.0					---				m_e	
ARSA	4.57	20.7	Pn	03:16:19.096	2.7					---	4.2			m_e	ML 3.4
ARSA	4.57	20.7	Sn	03:17:11.229	5.5					---				m_e	
PLONS	4.85	328.0	Pn	03:16:25.761	5.6					---	8.0			m_e	ML 3.6
PLONS	4.85	328.0	Sn	03:17:22.937	10.7					---				m_e	
DAVA	4.87	332.9	Pn	03:16:25.382	4.9					---	8.4			m_e	ML 3.7
DAVA	4.87	332.9	Sn	03:17:22.729	10.0					---				m_e	
MOA	4.91	8.8	Pn	03:16:24.628	3.5					---	10.3			m_e	ML 3.4
MOA	4.91	8.8	Sn	03:17:21.025	7.3					---				m_e	
UBR	5.14	336.5	Pn	03:16:29.322	5.1					---	5.2			m_e	ML 3.8
UBR	5.14	336.5	Sn	03:17:27.628	8.4					---				m_e	
FUR	5.33	346.4	Pn	03:16:29.908	3.2					---	1.9			m_e	
WILA	5.33	327.4	Sn	03:17:34.224	10.6					---				m_e	ML 3.9
SULZ	5.75	323.7	Sn	03:17:44.233	10.8					---				m_e	ML 4.0
SLE	5.78	327.2	Pn	03:16:37.361	4.5					---	3.2			m_e	
BALST	5.79	320.3	Pn	03:16:37.110	4.1					---	2.5			m_e	ML 4.0
BALST	5.79	320.3	Sn	03:17:44.865	10.4					---				m_e	
GEC2	5.86	3.6	Pn	03:16:37.145	3.2					---	3.3			m_e	ML 3.7

GEC2	5.86	3.6	Sn	03:17:41.684	5.7	---												m_e	
WET	6.15	358.3	Pn	03:16:39.456	1.6	---	3.4											m_e ML	3.7
WET	6.15	358.3	Sn	03:17:47.647	4.8	---												m_e	
BFO	6.30	329.4	Sn	03:17:55.314	8.9	---												m_e	

Event 61109020 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2016/11/09	06:13:10.80	0.14	1.33	42.5993	13.2118	5.0	3.1	038	10.0f		123	29	048				m i ke	LDG	61109030
2016/11/09	06:13:10.60			42.6600	13.1900				13.0								m i ke	INGV	61109020

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.4	23 LDG	61109030
ML	3.7		INGV	61109020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	4.42	1.4	Pn	06:14:19.176	3.1					---				m_e	ML 3.6
KBA	4.42	1.4	Sn	06:15:10.390	6.9					---				m_e	
WTTA	4.73	347.1	Pn	06:14:24.789	4.5					---				m_e	ML 4.0
WTTA	4.73	347.1	Sn	06:15:21.085	10.2					---				m_e	
ARSA	4.88	19.0	Pn	06:14:24.900	2.6					---				m_e	ML 3.5
ARSA	4.88	19.0	Sn	06:15:19.275	5.0					---				m_e	
PLONS	5.15	329.7	Pn	06:14:31.768	5.8					---				m_e	ML 3.9
PLONS	5.15	329.7	Sn	06:15:30.783	10.1					---				m_e	
DAVA	5.18	334.3	Pn	06:14:31.431	5.0					---				m_e	ML 4.0
DAVA	5.18	334.3	Sn	06:15:32.418	10.9					---				m_e	
MOA	5.24	7.9	Pn	06:14:31.993	4.7					---				m_e	
UBR	5.47	337.7	Pn	06:14:40.526	10.2					---				m_e	
WILA	5.63	329.0	Sn	06:15:39.174	7.1					---				m_e	ML 4.1
SULZ	6.04	325.4	Sn	06:15:49.198	7.5					---				m_e	ML 4.3
BALST	6.08	322.2	Pn	06:14:42.270	3.7					---				m_e	ML 4.2
BALST	6.08	322.2	Sn	06:15:50.362	7.9					---				m_e	
SLE	6.08	328.7	Pn	06:14:43.225	4.6					---				m_e	ML 3.8
SLE	6.08	328.7	Sn	06:15:49.692	7.1					---				m_e	
GEC2	6.20	3.1	Sn	06:15:53.172	7.9					---				m_e	ML 3.8
WET	6.49	358.2	Pn	06:14:47.975	3.9					---				m_e	ML 3.9
WET	6.49	358.2	Sn	06:15:58.109	6.0					---				m_e	
BFO	6.61	330.7	Sn	06:16:01.729	6.7					---				m_e	ML 3.9
MOX	8.06	352.9	Pn	06:15:10.172	4.8					---				m_e	

Event 61109015 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2016/11/09	15:35:12.00	0.04	0.51	44.2783	6.1728	0.9	0.8	071	2.0	0.0	189	42	026				m i ke	LDG	61109025
2016/11/09	15:35:13.33	0.66	1.21	44.3160	6.2110	27.8	7.8	099	10.0f		26	14	323	3.19	6.85		m i ke	BGR	61109015

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.7	0.1	2 LDG	61109025
ML	3.8	0.4	46 LDG	61109025

ML 3.8 0.2 5 BGR 61109015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.19	18.4	Pn	15:36:02.502	0.0					T__	4.1			m_e ML	3.9
BALST	3.19	18.4	Pg	15:36:13.287	-0.2					T__	6.5			m_e	
BALST	3.19	18.4	Sg	15:36:53.482	-1.3					T__	2.9			m_e	
SULZ	3.47	21.7	Pn	15:36:06.142	-0.2					T__	5.5			m_e ML	4.1
SULZ	3.47	21.7	Sg	15:37:02.420	-1.3					T__	1.6			m_e	
WILA	3.62	30.3	Pg	15:36:20.970	-0.7					T__	2.6			m_e	
METMA	3.68	21.9	Pn	15:36:08.469	-0.7					T__	4.3			m_e	
METMA	3.68	21.9	Pg	15:36:21.968	-0.7					T__	2.8			m_e	
SLE	3.80	23.8	Pn	15:36:10.003	-0.7					T__	13.6			m_e	
SLE	3.80	23.8	Pg	15:36:23.521	-1.4					T__	1.8			m_e	
BERGE	3.81	20.3	Pn	15:36:09.900	-1.0					T__	11.8			m_e ML	3.7
BERGE	3.81	20.3	Pg	15:36:23.865	-1.3					T__	2.8			m_e	
BERGE	3.81	20.3	Sn	15:36:55.208	2.7					T__				m_e	
BERGE	3.81	20.3	Sg	15:37:13.790	-0.6					T__	1.8			m_e	
ECH	3.95	9.2	Pn	15:36:11.676	-1.2					T__	10.1			m_e ML	3.7
ECH	3.95	9.2	Sn	15:36:57.866	2.0					T__				m_e	
ECH	3.95	9.2	Sg	15:37:17.978	-1.0					T__	2.1			m_e	
WALHA	3.99	29.4	Pn	15:36:13.172	-0.1					T__	4.3			m_e	
EMING	4.02	26.1	Pn	15:36:13.016	-0.7					T__	3.7			m_e	
BFO	4.27	19.3	Pn	15:36:16.535	-0.6					T__	7.9			m_e ML	3.7
BFO	4.27	19.3	Sn	15:37:05.768	2.4					T__				m_e	
BFO	4.27	19.3	Sg	15:37:29.325	0.2					T__	1.8			m_e	
UBR	4.32	37.4	Pn	15:36:18.775	1.0					T__	7.5			m_e	
WET	6.64	41.0	Pn	15:36:49.342	0.0					T__	4.1			m_e	
ROTZ	6.81	34.7	Pn	15:36:50.209	-1.3					T__	2.8			m_e	
GEC2	6.85	46.0	Pn	15:36:52.696	0.6					T__	10.1			m_e	

Event 61109016 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/09	15:58:45.40	0.10	0.59	42.9761	18.5245	3.7	1.8	007	10.0f		77	23	060			m i ke	LDG	61109026
2016/11/09	15:58:42.54	0.92	1.00	42.8100	19.1960	23.3	13.3	062	10.0f		17	12	334	5.14	9.39	m i ke	BGR	61109016

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.3	22 LDG	61109026
ML	4.1	0.2	5 BGR	61109016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.14	331.0	Pn	15:59:57.411	-0.7					T__	32.2			m_e ML	3.9
ARSA	5.14	331.0	Sn	16:00:50.563	-2.5					T__	1.7			m_e	
KBA	5.94	317.9	Pn	16:00:07.979	-1.0					T__	7.6			m_e	
MOA	6.11	327.2	Pn	16:00:11.334	0.0					T__	16.3			m_e ML	4.4
MOA	6.11	327.2	Sn	16:01:15.745	-0.1					T__	3.5			m_e	
RJOB	6.67	319.8	Pn	16:00:18.497	-0.4					T__	22.5			m_e ML	4.3
RJOB	6.67	319.8	Sn	16:01:31.166	2.2					T__	2.4			m_e	
WTTA	6.95	312.4	Pn	16:00:22.612	-0.0					T__	16.2			m_e	
GEC2	7.14	329.6	Pn	16:00:25.312	0.0					T__	8.2			m_e ML	3.8
GEC2	7.14	329.6	Sn	16:01:39.113	-0.9					T__	2.5			m_e	
WET	7.70	327.5	Sn	16:01:52.158	-1.0					T__	1.6			m_e ML	4.2

DAVA	7.95	307.5	Pn	16:00:35.541	-0.7	T__	4.7	m_e
PLONS	8.13	304.8	Pn	16:00:37.221	-1.5	T__	4.9	m_e
PLONS	8.13	304.8	Sn	16:02:02.247	-1.0	T__	4.1	m_e
ROTZ	8.46	327.7	Sn	16:02:09.227	-1.8	T__	2.1	m_e
TANN	8.89	331.1	Pn	16:00:49.245	0.2	T__	4.4	m_e
MOX	9.39	329.2	Pn	16:00:55.840	0.1	T__	3.8	m_e

Event 61110001 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/10	02:45:46.90	0.05	0.70	44.2870	6.1576	1.1	0.9	060	2.0	0.0	221	42	015			m i ke	LDG	61110011
2016/11/10	02:45:43.83	0.94	1.41	44.2310	5.5140	30.0	18.9	115	10.0f		23	11	330	3.46	4.60	m i ke	BGR	61110001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.2	0.1	4 LDG	61110011
ML	3.5	0.4	60 LDG	61110011
ML	3.5	0.2	5 BGR	61110001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.46	25.3	Pn	02:46:37.264	0.7					T__				m_e	
BALST	3.46	25.3	Pg	02:46:47.674	-1.3					T__	7.4			m_e	
SULZ	3.76	27.8	Pn	02:46:40.958	0.2					T__				m_e	
SULZ	3.76	27.8	Pg	02:46:53.044	-1.7					T__	3.0			m_e	
WILA	3.97	35.4	Pn	02:46:43.906	0.4					T__				m_e	
WILA	3.97	35.4	Pg	02:46:56.393	-2.2					T__	2.9			m_e	
METMA	3.97	27.7	Pn	02:46:43.538	0.0					T__				m_e	
METMA	3.97	27.7	Pg	02:46:56.162	-2.4					T__	2.3			m_e	
BERGE	4.08	26.0	Pn	02:46:44.613	-0.5					T__				m_e	ML 3.4
BERGE	4.08	26.0	Pg	02:46:58.702	-2.1					T__	3.1			m_e	
BERGE	4.08	26.0	Sn	02:47:29.825	0.4					T__	2.7			m_e	
SLE	4.10	29.3	Pn	02:46:44.919	-0.3					T__				m_e	
SLE	4.10	29.3	Pg	02:46:58.645	-2.4					T__	2.1			m_e	
ECH	4.14	15.3	Pn	02:46:46.606	0.7					T__				m_e	ML 3.4
ECH	4.14	15.3	Pg	02:47:02.525	0.6					T__	1.0			m_e	
ECH	4.14	15.3	Sn	02:47:32.910	2.0					T__	1.3			m_e	
WALHA	4.32	34.2	Pn	02:46:48.029	-0.3					T__				m_e	ML 3.9
WALHA	4.32	34.2	Sn	02:47:34.214	-0.8					T__	1.8			m_e	
EMING	4.33	31.1	Pn	02:46:48.016	-0.4					T__				m_e	
BFO	4.54	24.4	Pn	02:46:51.303	0.1					T__				m_e	ML 3.6
BFO	4.54	24.4	Sn	02:47:40.421	0.3					T__	1.7			m_e	
OBER	4.60	44.7	Pn	02:46:53.462	1.4					T__				m_e	ML 3.3
OBER	4.60	44.7	Sn	02:47:44.012	2.4					T__	1.8			m_e	

Event 61110002 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/10	02:48:13.90	0.05	0.88	44.2903	6.1502	1.1	0.9	049	2.0	0.0	246	41	015			m i ke	LDG	61110012
2016/11/10	02:48:14.37	0.51	1.52	44.4360	5.6460	16.7	10.0	118	10.0f		49	24	314	3.23	7.07	m i ke	BGR	61110002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.6	0.1	4 LDG	61110012
ML	3.9	0.3	75 LDG	61110012
ML	4.1	0.2	11 BGR	61110002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.23	25.5	Pn	02:49:04.262	0.2					T__				m_e	ML 4.2
BALST	3.23	25.5	Pg	02:49:14.751	-0.5					T__				m_e	
BALST	3.23	25.5	Sg	02:49:55.753	-1.3					T__	2.9			m_e	
SULZ	3.54	28.1	Pn	02:49:08.004	-0.2					T__				m_e	ML 4.4
SULZ	3.54	28.1	Pg	02:49:19.711	-1.3					T__				m_e	
SULZ	3.54	28.1	Sg	02:50:03.454	-3.3					T__	2.3			m_e	
METMA	3.74	28.0	Pn	02:49:10.394	-0.6					T__				m_e	ML 3.8
METMA	3.74	28.0	Pg	02:49:22.975	-1.9					T__				m_e	
METMA	3.74	28.0	Sg	02:50:10.604	-2.7					T__	1.3			m_e	
WILA	3.74	36.1	Pn	02:49:10.856	-0.2					T__				m_e	
WILA	3.74	36.1	Pg	02:49:21.989	-3.0					T__				m_e	
BERGE	3.86	26.1	Pn	02:49:11.821	-0.7					T__				m_e	ML 4.0
BERGE	3.86	26.1	Pg	02:49:26.027	-1.1					T__				m_e	
BERGE	3.86	26.1	Sn	02:49:56.577	1.9					T__	2.9			m_e	
SLE	3.87	29.6	Pn	02:49:11.976	-0.8					T__				m_e	ML 4.2
SLE	3.87	29.6	Pg	02:49:25.590	-1.8					T__				m_e	
SLE	3.87	29.6	Sn	02:49:55.890	0.9					T__	2.9			m_e	
ECH	3.92	14.9	Pg	02:49:30.081	1.8					T__				m_e	
WALHA	4.10	34.8	Pn	02:49:15.115	-0.7					T__				m_e	ML 4.3
WALHA	4.10	34.8	Pg	02:49:30.141	-1.5					T__				m_e	
WALHA	4.10	34.8	Sn	02:50:01.528	1.2					T__	1.5			m_e	
EMING	4.11	31.5	Pn	02:49:14.926	-1.0					T__				m_e	ML 4.1
EMING	4.11	31.5	Pg	02:49:32.468	0.7					T__				m_e	
EMING	4.11	31.5	Sn	02:50:01.528	1.0					T__	1.8			m_e	
BFO	4.31	24.5	Pn	02:49:18.044	-0.7					T__				m_e	ML 4.0
BFO	4.31	24.5	Pg	02:49:35.963	0.3					T__				m_e	
BFO	4.31	24.5	Sn	02:50:07.305	2.0					T__	3.6			m_e	
OBER	4.39	45.8	Pn	02:49:20.261	0.5					T__				m_e	
UBR	4.48	42.1	Pn	02:49:20.855	-0.2					T__				m_e	
UBR	4.48	42.1	Pg	02:49:38.576	-0.3					T__				m_e	
RIVT	5.33	7.8	Pn	02:49:35.100	2.6					T__				m_e	
FUR	5.38	44.2	Pn	02:49:33.137	-0.1					T__				m_e	
NORI	5.48	36.8	Pn	02:49:32.643	-1.9					T__				m_e	
ABH	5.60	12.7	Pn	02:49:37.605	1.5					T__				m_e	
ABH	5.60	12.7	Pg	02:50:00.393	0.5					T__				m_e	
MILB	5.93	23.4	Pn	02:49:39.149	-1.6					T__				m_e	
RJOB	5.95	53.8	Pn	02:49:40.931	-0.1					T__				m_e	ML 4.0
RJOB	5.95	53.8	Sn	02:50:46.909	3.0					T__	2.8			m_e	
TNS	6.09	17.1	Pn	02:49:43.338	0.5					T__				m_e	
TNS	6.09	17.1	Pg	02:50:11.089	2.0					T__				m_e	
GRA1	6.48	33.8	Pn	02:49:45.991	-2.1					T__				m_e	ML 4.4
GRA1	6.48	33.8	Pg	02:50:16.589	0.1					T__				m_e	
GRA1	6.48	33.8	Sn	02:50:56.814	0.5					T__	2.7			m_e	
WET	6.83	43.9	Pn	02:49:51.537	-1.3					T__				m_e	
WET	6.83	43.9	Sn	02:51:05.202	0.7					T__	2.3			m_e	
ROTZ	6.95	37.6	Pn	02:49:52.012	-2.5					T__				m_e	
GEC2	7.07	48.6	Pn	02:49:54.566	-1.5					T__				m_e	ML 4.2
GEC2	7.07	48.6	Sn	02:51:11.255	1.2					T__	5.3			m_e	
MANZ	7.07	36.0	Sn	02:51:10.700	0.5					T__	2.3			m_e	



## Event 61110003 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/10	05:46:32.70	0.08	0.94	44.5026	9.3563	2.2	1.5	018	3.0f		159	34	053			m i ke	LDG	61110013
2016/11/10	05:46:31.94	0.71	1.17	44.2560	9.3180	12.2	8.9	152	10.0f		31	21	306	2.79	6.57	m i ke	BGR	61110003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	34 LDG	61110013
ML	3.2	0.2	11 BGR	61110003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.79	0.9	Pn	05:47:16.711	1.0					T__	17.4			m_e ML	3.0
PLONS	2.79	0.9	Sn	05:47:48.451	1.2					T__	4.6			m_e	
WILA	3.17	355.0	Pn	05:47:20.566	-0.3					T__	5.9			m_e	
OBER	3.22	11.8	Pn	05:47:21.981	0.4					T__	4.4			m_e ML	2.9
OBER	3.22	11.8	Sn	05:47:58.443	1.1					T__	2.2			m_e	
BALST	3.28	340.4	Pn	05:47:22.883	0.6					T__	5.0			m_e	
SULZ	3.38	346.1	Pn	05:47:23.477	-0.2					T__	2.8			m_e ML	3.4
SULZ	3.38	346.1	Sn	05:48:01.956	1.0					T__	2.7			m_e	
UBR	3.47	8.8	Pn	05:47:24.425	-0.4					T__	2.4			m_e ML	3.4
UBR	3.47	8.8	Sn	05:48:03.753	0.7					T__	4.4			m_e	
METMA	3.53	348.3	Pn	05:47:24.734	-1.0					T__	6.7			m_e ML	3.0
METMA	3.53	348.3	Sn	05:48:03.673	-1.0					T__	2.0			m_e	
SLE	3.56	351.0	Pn	05:47:25.086	-1.0					T__	34.0			m_e	
EMING	3.65	355.0	Pn	05:47:25.954	-1.4					T__	12.4			m_e ML	3.2
EMING	3.65	355.0	Sn	05:48:05.937	-1.5					T__	2.5			m_e	
BERGE	3.70	348.1	Pn	05:47:27.173	-0.8					T__	3.6			m_e ML	3.1
BERGE	3.70	348.1	Sn	05:48:07.499	-1.1					T__	1.6			m_e	
BFO	4.13	350.8	Pn	05:47:32.688	-1.2					T__	5.6			m_e ML	3.3
BFO	4.13	350.8	Sn	05:48:16.556	-2.1					T__	3.4			m_e	
ECH	4.23	340.1	Pn	05:47:35.252	0.0					T__	7.3			m_e	
ECH	4.23	340.1	Sn	05:48:22.031	1.0					T__	4.1			m_e	
RJOB	4.24	33.5	Sn	05:48:23.967	2.8					T__	2.1			m_e ML	3.4
WET	5.46	25.3	Sn	05:48:47.857	-2.1					T__	2.8			m_e ML	3.3
GEC2	5.49	31.7	Pn	05:47:51.341	-0.9					T__	4.6			m_e ML	3.4
GEC2	5.49	31.7	Sn	05:48:49.807	-0.8					T__	3.4			m_e	
RIVT	5.72	343.2	Pn	05:47:56.457	1.0					T__	2.0			m_e	
ABH	5.75	348.5	Pn	05:47:55.434	-0.4					T__	2.5			m_e	
TNS	6.00	354.7	Pn	05:47:58.424	-0.7					T__	2.1			m_e	
MANZ	6.04	17.3	Sn	05:49:00.502	-2.9					T__	2.1			m_e	
GUNZ	6.44	17.4	Sn	05:49:11.355	-1.6					T__	4.5			m_e	
MOX	6.57	12.8	Sn	05:49:14.244	-1.8					T__	5.3			m_e	

## Event 61110010 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/10	13:51:00.70	0.19	1.30	42.8193	13.1623	6.7	3.7	047	10.0f		95	24	049			m i ke	LDG	61110020
2016/11/10	13:50:59.10			42.8900	13.1300				9.0							m i ke	INGV	61110010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.3	21 LDG	61110020
ML	3.6		INGV	61110010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	4.19	2.0	Pn	13:52:05.421	3.5					---				m_e ML	3.8
KBA	4.19	2.0	Sn	13:52:53.739	6.3					---				m_e	
WTTA	4.50	347.0	Pn	13:52:10.475	4.4					---				m_e	
ARSA	4.68	20.3	Sn	13:53:03.911	5.1					---				m_e ML	3.5
RJOB	4.85	357.3	Pn	13:52:15.838	4.9					---				m_e ML	3.9
RJOB	4.85	357.3	Sn	13:53:11.825	8.8					---				m_e	
PLONS	4.93	328.8	Pn	13:52:17.496	5.5					---				m_e	
OBER	4.94	337.1	Pn	13:52:16.929	4.8					---				m_e ML	3.5
OBER	4.94	337.1	Sn	13:53:15.971	11.0					---				m_e	
DAVA	4.96	333.6	Pn	13:52:17.538	5.2					---				m_e	
MOA	5.02	8.7	Pn	13:52:17.545	4.3					---				m_e ML	3.8
MOA	5.02	8.7	Sn	13:53:14.653	7.7					---				m_e	
UBR	5.24	337.1	Sn	13:53:20.368	8.3					---				m_e ML	3.9
SLE	5.86	327.9	Pn	13:52:27.992	3.4					---				m_e ML	3.7
SLE	5.86	327.9	Sn	13:53:33.879	7.2					---				m_e	
BALST	5.87	321.1	Pn	13:52:28.683	4.0					---				m_e	
METMA	5.92	326.3	Pn	13:52:28.995	3.7					---				m_e	
GEC2	5.97	3.6	Sn	13:53:35.645	6.4					---				m_e ML	3.9
BERGE	6.07	326.8	Pn	13:52:31.257	3.8					---				m_e ML	3.7
BERGE	6.07	326.8	Sn	13:53:37.643	6.0					---				m_e	
WET	6.26	358.5	Sn	13:53:41.475	5.5					---				m_e ML	3.9
BFO	6.39	330.0	Sn	13:53:46.752	7.6					---				m_e ML	3.9
ECH	6.77	324.0	Pn	13:52:40.143	3.3					---				m_e	

Event 61114001 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/14	02:06:45.10	0.04	0.37	47.7743	8.7691	0.7	0.6	042	9.0f		173	31	056			m i ke	LDG	61114031
2016/11/14	02:06:44.90		0.18	47.8000	8.7700				9.0	4.0	25	14	221	0.35	2.43	m i ke	BUG	61114021
2016/11/14	02:06:45.19	0.17	0.44	47.7980	8.7650	1.1	1.1	180	10.0f		36	18	072	0.19	2.49	m i ke	BGR	61114011
2016/11/14	02:06:44.94	0.05	0.15	47.7740	8.7800	0.9	0.5	006	6.0	2.0	52	23	089	0.12	1.47	m i ke	LED	61114001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	0.0	2 LDG	61114031
ML	2.8	0.4	33 LDG	61114031
MD	3.2	0.1	11 BUG	61114021
ML	3.2	0.2	11 BUG	61114021
ML	2.6	0.2	11 BGR	61114011
ML	2.6	0.3	24 LED	61114001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STEIN	0.12	150.1	Pg	02:06:47.640	0.2					T_				mdi ML	2.8
STEIN	0.12	150.1	Sg	02:06:49.800	0.7					T_				m_	
SLE	0.19	267.8	Pg	02:06:48.870	0.2					T_				mci ML	2.2
SLE	0.19	267.8	Sg	02:06:51.646	0.3					T_				m_e	
WALHA	0.23	95.1	Pg	02:06:49.600	0.2					T_				mci ML	2.3

WALHA	0.23	95.1	Sg	02:06:53.020	0.5	T__	m__		
METMA	0.36	260.3	Pg	02:06:51.910	0.1	T__	mci ML	1.9	
METMA	0.36	260.3	Sg	02:06:56.820	0.3	T__	m__		
METMA	0.36	260.3	SmS	02:07:03.170	-1.0	T__	m__		
WILA	0.37	166.5	Pg	02:06:52.430	0.5	---	md ML	2.4	
WILA	0.37	166.5	Sg	02:06:58.000	1.2	---	m__		
GUT	0.37	37.0	Pg	02:06:52.110	0.1	T__	mc ML	2.9	
GUT	0.37	37.0	Sg	02:06:57.380	0.5	T__	m__		
A101B	0.38	336.0	Pg	02:06:52.100	-0.0	---	m__		
A101B	0.38	336.0	Sg	02:06:56.600	-0.4	---	m__	0.4	
BERGE	0.42	283.8	Pg	02:06:53.050	0.2	T__	mci ML	2.4	
BERGE	0.42	283.8	Sg	02:06:58.760	0.5	T__	m__		
A102A	0.46	37.3	Pg	02:06:53.800	0.1	---	m__ ML	2.5	
A102A	0.46	37.3	Sg	02:07:00.200	0.5	---	m__	0.8	
A103A	0.50	85.6	Pg	02:06:54.700	0.3	---	m__ ML	2.7	
A103A	0.50	85.6	Sg	02:07:02.000	1.1	---	m__	1.0	
SULZ	0.51	241.6	Pg	02:06:55.010	0.4	---	mci ML	2.3	
SULZ	0.51	241.6	Sg	02:07:02.220	0.9	---	m__		
FELD	0.53	281.4	Pg	02:06:55.170	0.2	T__	mci ML	2.4	
FELD	0.53	281.4	Sg	02:07:02.370	0.5	T__	m__		
FELD	0.53	281.4	SmS	02:07:06.370	-1.4	T__	m__		
TETT	0.57	101.2	Pg	02:06:56.240	0.5	T__	mci ML	2.4	
TETT	0.57	101.2	PmP	02:06:58.960	-0.1	T__	m__		
TETT	0.57	101.2	Sg	02:07:04.510	1.3	T__	m__		
TETT	0.57	101.2	SmS	02:07:08.600	-0.2	T__	m__		
KIZ	0.61	287.8	Pg	02:06:56.490	0.1	T__	mc ML	2.7	
KIZ	0.61	287.8	Sg	02:07:04.630	0.4	T__	m__		
KIZ	0.61	287.8	SmS	02:07:07.810	-1.8	T__	m__		
BFO	0.63	331.7	Pg	02:06:56.820	-0.1	T__	md ML	2.7	
BFO	0.63	331.7	PmP	02:06:58.900	-1.1	T__	m__		
BFO	0.63	331.7	SmS	02:07:08.660	-1.6	T__	m__		
FBB	0.66	290.5	Pg	02:06:57.520	0.1	T__	m__ ML	3.0	
FBB	0.66	290.5	SmS	02:07:09.230	-1.8	T__	m__		
A100A	0.69	8.1	Pg	02:06:57.800	-0.1	---	m__ ML	3.1	
A100A	0.69	8.1	Sg	02:07:07.100	0.3	---	m__	1.9	
A104A	0.69	64.8	Pg	02:06:58.100	0.2	---	m__ ML	2.8	
A104A	0.69	64.8	Sg	02:07:08.000	1.2	---	m__	0.9	
ENDD	0.70	265.6	Pg	02:06:58.340	0.1	T__	mci ML	2.8	
ENDD	0.70	265.6	PmP	02:06:59.890	-1.2	T__	m__		
ENDD	0.70	265.6	Sg	02:07:07.970	0.6	T__	m__		
ENDD	0.70	265.6	SmS	02:07:10.500	-1.6	T__	m__		
TUBL	0.78	15.0	Pg	02:06:59.350	-0.2	T__	m__		
TUBL	0.78	15.0	PmP	02:07:00.930	-1.3	T__	m__		
BUCH	0.78	29.3	Pg	02:06:59.720	0.1	T__	m__ ML	3.3	
BUCH	0.78	29.3	PmP	02:07:01.260	-0.9	T__	m__		
BUCH	0.78	29.3	Sg	02:07:10.320	0.7	T__	m__		
BUCH	0.78	29.3	SmS	02:07:13.100	-0.9	T__	m__		
VOGT	0.80	292.9	SmS	02:07:13.350	-1.5	---	m__ ML	3.2	
A109A	0.81	33.8	Pg	02:07:00.200	-0.0	---	m__ ML	2.9	
A109A	0.81	33.8	Sg	02:07:11.300	0.6	---	m__	1.0	
OPP	0.82	331.5	Pg	02:07:00.340	-0.2	T__	m__ ML	2.5	
OPP	0.82	331.5	PmP	02:07:01.360	-1.6	T__	m__		
PLONS	0.83	150.5	Pg	02:07:01.059	0.4	---	m_e		
PLONS	0.83	150.5	Sg	02:07:12.538	1.1	---	m_e		
BALST	0.85	239.5	Pg	02:07:01.260	0.2	T__	mc ML	2.8	

BALST	0.85	239.5	Sg	02:07:13.299	1.2	---											m_e	
BALST	0.85	239.5	SmS	02:07:14.970	-1.2	T_											m_	
DAVA	0.89	122.9	Pg	02:07:02.185	0.5	---											m_e ML	2.5
DAVA	0.89	122.9	PmP	02:07:03.830	-0.2	T_											m_	
DAVA	0.89	122.9	Sg	02:07:14.853	1.6	---											m_e	
UBR	0.90	95.5	Pg	02:07:02.460	0.6	T_											mc ML	2.6
UBR	0.90	95.5	PmP	02:07:03.850	-0.3	T_											m_	
UBR	0.90	95.5	Sg	02:07:15.143	1.6	---											m_e	
UBR	0.90	95.5	SmS	02:07:17.170	-0.2	T_											m_	
A108A	0.91	50.4	Pg	02:07:01.900	-0.2	---											m_	
A108A	0.91	50.4	Sg	02:07:14.400	0.6	---					1.9						m_	
A107C	0.98	75.0	Pg	02:07:04.200	0.7	---											m ML	2.7
A107C	0.98	75.0	Sg	02:07:18.300	2.1	---					0.5						m_	
GALG	1.01	0.0	Pg	02:07:03.800	-0.2	T_											md ML	2.6
GALG	1.01	0.0	PmP	02:07:04.570	-1.5	T_											m_	
BABA	1.02	337.7	Pg	02:07:04.000	-0.2	T_											m ML	2.8
BABA	1.02	337.7	PmP	02:07:04.720	-1.6	T_											m_	
STU	1.03	15.3	Pg	02:07:04.179	-0.3	---											m_e ML	2.6
STU	1.03	15.3	Sg	02:07:18.179	0.3	---											m_e	
A105A	1.08	109.2	Pg	02:07:06.500	1.1	---											m ML	2.6
A105A	1.08	109.2	Sg	02:07:21.400	2.0	---					0.3						m_	
MOF	1.11	274.6	Pg	02:07:06.220	0.4	T_											md ML	2.3
MOF	1.11	274.6	SmS	02:07:22.280	-1.1	---											m_	
BOURR	1.11	250.6	Pn	02:07:05.680	-0.7	T_											mc ML	2.4
BOURR	1.11	250.6	Sg	02:07:21.710	1.4	---											m_	
A106B	1.16	32.3	Pg	02:07:07.000	0.1	---											m ML	3.0
A106B	1.16	32.3	Sg	02:07:22.100	0.2	---					0.7						m_	
ECH	1.17	292.8	Pn	02:07:06.270	-0.9	T_											m ML	2.6
ECH	1.17	292.8	Pg	02:07:07.273	0.2	---											m_e	
ECH	1.17	292.8	Sg	02:07:21.027	-1.2	---											m_e	
ECH	1.17	292.8	SmS	02:07:22.960	-2.3	---											m_	
PEB	1.47	331.8	Pn	02:07:10.580	-0.7	---											m_	
PEB	1.47	331.8	Sg	02:07:32.030	0.3	---											m_	
FUR	1.72	76.0	Pn	02:07:15.400	0.8	---											m ML	2.7
FUR	1.72	76.0	Pg	02:07:17.573	0.3	---											m_e	
FUR	1.72	76.0	Sg	02:07:40.198	0.7	---											m_e	
WTTA	2.00	103.8	Sg	02:07:49.252	0.9	---											m_e ML	2.3
MILB	2.08	9.1	Pn	02:07:18.236	-1.3	---											m_e ML	2.9
MILB	2.08	9.1	Pg	02:07:24.102	-0.1	---											m_e	
MILB	2.08	9.1	Sg	02:07:49.969	-1.1	---											m_e	
TNS	2.46	355.0	Pn	02:07:24.480	-0.1	---											m_e ML	2.5
TNS	2.46	355.0	Pg	02:07:31.227	-0.1	---											m_e	
TNS	2.46	355.0	Sg	02:08:03.083	0.0	---											m_e	
GRA1	2.50	39.1	Pg	02:07:32.624	0.5	---											m_e ML	3.0
GRA1	2.50	39.1	Sg	02:08:03.828	-0.7	---											m_e	

Event 61115002 Verden, SE of Bremen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/15	09:27:13.90	0.14	0.64	52.9613	9.2773	2.8	2.0	166	5.0f		38	4	081				m i ke LDG	61115012
2016/11/15	09:27:13.74	0.19	0.88	52.9440	9.2950	2.2	2.2	165	5.0f		38	23	080	0.02	3.66	m i ki	BGR	61115002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.1	4 LDG	61115012
ML	2.5	0.3	16 BGR	61115002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DEEL	0.02	41.1	Pg	09:27:14.713	0.1					T__				m_e	
DEEL	0.02	41.1	Sg	09:27:15.820	0.5					T__				m_e	
GOLD	0.08	105.5	Pg	09:27:16.059	0.6					T__				m_e	
GOLD	0.08	105.5	Sg	09:27:18.564	1.9					T__				m_e	
RETHO	0.22	169.6	Pg	09:27:18.709	0.7					T__				m_e	ML 2.3
RETHO	0.22	169.6	Sg	09:27:23.293	2.4					T__				m_e	
RETH	0.22	169.5	Pg	09:27:18.752	0.8					T__				m_e	
SYKE	0.26	255.6	Pg	09:27:19.438	0.7					T__				m_e	ML 2.7
SYKE	0.26	255.6	Sg	09:27:24.899	2.7					T__				m_e	
IGAD	0.48	311.1	Sg	09:27:30.378	1.3					T__				m_e	ML 2.9
NRDL	0.67	132.1	Pg	09:27:28.239	1.9					T__				m_e	
NRDL	0.67	132.1	Sg	09:27:38.762	3.8					T__				m_e	
FAHL	0.69	267.5	Sg	09:27:39.393	3.7					T__				m_e	ML 2.9
SEVE	0.75	259.4	Sg	09:27:41.207	3.5					T__				m_e	ML 2.7
HAM4	0.78	46.2	Sg	09:27:42.650	4.1					T__				m_e	ML 2.9
IBBE	1.12	235.3	Pg	09:27:34.734	-0.0					T__				m_e	
IBBE	1.12	235.3	Sg	09:27:51.126	1.9					T__				m_e	
IBBN	1.13	236.2	Pg	09:27:35.075	0.0					T__				m_e	ML 2.7
IBBN	1.13	236.2	Sg	09:27:50.888	1.2					T__				m_e	
BSEG	1.16	31.1	Pg	09:27:35.395	-0.3					T__				m_e	ML 2.6
BSEG	1.16	31.1	Sg	09:27:51.266	0.5					T__				m_e	
ASSE	1.17	133.7	Pn	09:27:35.594	-0.5					T__				m_e	
CLZ	1.28	148.8	Pn	09:27:37.500	-0.1					T__				m_e	ML 2.1
CLZ	1.28	148.8	Sg	09:27:55.754	1.2					T__				m_e	
FLT1	1.33	116.7	Pn	09:27:38.806	0.6					T__				m_e	ML 2.1
FLT1	1.33	116.7	Pg	09:27:39.457	0.7					T__				m_e	
FLT1	1.33	116.7	Sg	09:27:56.440	0.5					T__				m_e	
GTTG	1.46	163.4	Pn	09:27:40.083	0.1					T__				m_e	ML 2.5
GTTG	1.46	163.4	Sg	09:27:59.746	-0.3					T__				m_e	
CHRS	1.63	144.4	Pn	09:27:42.155	-0.1					T__				m_e	ML 1.9
CHRS	1.63	144.4	Sg	09:28:04.148	-1.3					T__				m_e	
KAST	1.82	197.6	Sn	09:28:09.165	2.0					T__				m_e	ML 2.3
KAST	1.82	197.6	Sg	09:28:13.083	1.4					T__				m_e	
POSS	1.88	148.5	Pn	09:27:45.393	-0.3					T__				m_e	ML 2.5
POSS	1.88	148.5	Sn	09:28:09.828	1.4					T__				m_e	
BUG	1.95	220.4	Sg	09:28:16.795	1.1					T__				m_e	ML 2.6
HROE	2.47	167.2	Pn	09:27:53.822	0.2					T__				m_e	
TNS	2.77	191.3	Sn	09:28:30.298	0.8					T__				m_e	ML 2.7
ROTZ	3.66	149.1	Pn	09:28:08.771	-1.1					T__				m_e	

Event 61119001 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/19	00:53:56.90	0.09	1.10	47.7951	8.7870	1.6	1.5	089	9.0f		196	30	041			m i ke	LDG	61119031
2016/11/19	00:53:56.60	0.60	0.35	47.7900	8.7600				2.0	3.0	20	9	227	0.36	1.16	m i ke	BUG	61119021
2016/11/19	00:53:56.76	0.15		47.8120	8.7800	1.1	1.1	173	2.6	1.6	56	28	069	0.09	3.68	m i ke	BGR	61119011
2016/11/19	00:53:56.52	0.05	0.16	47.7770	8.7830	0.8	0.5	358	4.0	2.0	61	27	088	0.12	3.36	m i ke	LED	61119001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	39 LDG	61119031
MD	3.2	0.1	7 BUG	61119021
ML	3.3	0.3	7 BUG	61119021
ML	2.5	0.4	18 BGR	61119011
ML	2.7	0.2	45 LED	61119001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
STEIN	0.12	151.6	Pg	00:53:59.180	0.3					T__				mdi	ML	2.9
STEIN	0.12	151.6	Sg	00:54:01.350	0.8					T__				m__		
EMING	0.13	19.9	Pg	00:53:59.100	0.1					T__				mdi	ML	3.0
EMING	0.13	19.9	Sg	00:54:01.120	0.4					T__				m__		
SLE	0.20	266.9	Pg	00:54:00.410	0.2					T__				mci	ML	2.3
SLE	0.20	266.9	Sg	00:54:03.260	0.4					T__				m__		
WALHA	0.23	95.9	Pg	00:54:01.130	0.2					T__				mci	ML	2.3
WALHA	0.23	95.9	Sg	00:54:04.650	0.7					T__				m__		
METMA	0.36	259.9	Pg	00:54:03.440	0.1					T__				mci	ML	2.0
METMA	0.36	259.9	Sg	00:54:08.380	0.3					T__				m__		
METMA	0.36	259.9	SmS	00:54:14.720	-1.5					T__				m__		
GUT	0.37	37.0	Pg	00:54:03.640	0.1					T__				mc_	ML	3.0
GUT	0.37	37.0	Sg	00:54:08.870	0.6					T__				m__		
WILA	0.37	166.9	Pg	00:54:03.970	0.4					---				mdi	ML	2.5
WILA	0.37	166.9	Sg	00:54:09.570	1.2					---				m__		
A101B	0.38	335.5	Pg	00:54:03.600	-0.0					---				m__		
A101B	0.38	335.5	Sg	00:54:08.300	-0.2					---		0.4		m__		
BERGE	0.42	283.3	Pg	00:54:04.590	0.2					T__				mci	ML	2.5
BERGE	0.42	283.3	Sg	00:54:10.330	0.5					T__				m_i		
A102A	0.46	37.4	Pg	00:54:05.400	0.2					---				m__	ML	2.5
A102A	0.46	37.4	Sg	00:54:11.600	0.5					---		0.9		m__		
A103A	0.50	85.9	Pg	00:54:06.300	0.4					---				m__	ML	2.8
A103A	0.50	85.9	Sg	00:54:13.400	1.0					---		1.0		m__		
SULZ	0.52	241.4	Pg	00:54:06.540	0.3					T__				mci	ML	2.4
SULZ	0.52	241.4	Sg	00:54:13.640	0.7					T__				m__		
FELD	0.53	281.0	Pg	00:54:06.700	0.1					T__				mci	ML	2.5
FELD	0.53	281.0	Sg	00:54:13.880	0.4					T__				m__		
FELD	0.53	281.0	SmS	00:54:17.990	-1.8					T__				m__		
TETT	0.57	101.5	Pg	00:54:07.760	0.5					T__				mci	ML	2.8
TETT	0.57	101.5	Sg	00:54:16.060	1.4					---				m__		
TETT	0.57	101.5	SmS	00:54:20.250	-0.5					T__				m__		
KIZ	0.61	287.5	Pg	00:54:08.040	0.1					T__				mc_	ML	2.7
KIZ	0.61	287.5	Sg	00:54:16.230	0.4					T__				m__		
KIZ	0.61	287.5	SmS	00:54:19.730	-1.9					T__				m__		
BFO	0.63	331.4	Pg	00:54:08.380	-0.0					T__				md_	ML	2.8
BFO	0.63	331.4	PmP	00:54:10.440	-1.3					T__				m__		
BFO	0.63	331.4	SmS	00:54:20.540	-1.6					T__				m__		
A100A	0.68	8.0	Pg	00:54:09.400	-0.0					---				m__	ML	3.3
A100A	0.68	8.0	Sg	00:54:18.800	0.6					---		2.6		m__		
A104A	0.68	65.0	Pg	00:54:09.500	0.1					---				m__	ML	3.0
A104A	0.68	65.0	Sg	00:54:19.100	0.8					---		1.2		m__		
ENDD	0.71	265.3	Pg	00:54:09.870	0.0					T__				mc_	ML	2.9
ENDD	0.71	265.3	PmP	00:54:11.450	-1.4					T__				m__		
ENDD	0.71	265.3	Sg	00:54:19.500	0.5					T__				m__		
ENDD	0.71	265.3	SmS	00:54:22.170	-1.9					T__				m__		
TUBL	0.77	14.9	Pg	00:54:10.910	-0.2					T__				md_	ML	3.0

TUBL	0.77	14.9	PmP	00:54:12.480	-1.4	T__	m__		
TUBL	0.77	14.9	SmS	00:54:23.940	-1.9	T__	m__		
BUCH	0.77	29.3	Pg	00:54:11.220	0.1	T__	md__	ML	3.5
BUCH	0.77	29.3	PmP	00:54:12.790	-1.1	T__	m__		
BUCH	0.77	29.3	Sg	00:54:21.850	0.8	___	m__		
BUCH	0.77	29.3	SmS	00:54:24.640	-1.2	T__	m__		
VOGT	0.81	292.6	Pg	00:54:11.620	-0.1	___	m__	ML	3.2
VOGT	0.81	292.6	SmS	00:54:25.540	-1.2	T__	m__		
OPP	0.82	331.3	Pg	00:54:11.900	-0.1	T__	md__	ML	2.6
OPP	0.82	331.3	PmP	00:54:12.930	-1.8	T__	m__		
PLONS	0.83	150.7	Pg	00:54:12.675	0.4	___	m_e	ML	2.3
PLONS	0.83	150.7	Sg	00:54:24.141	1.1	___	m_e		
BALST	0.86	239.4	Pg	00:54:12.800	0.1	T__	mC__	ML	2.8
BALST	0.86	239.4	PmP	00:54:14.050	-1.2	T__	m__		
BALST	0.86	239.4	Sg	00:54:24.280	0.5	___	m__		
BALST	0.86	239.4	SmS	00:54:26.640	-1.4	T__	m__		
DAVA	0.89	123.1	Pg	00:54:13.710	0.4	___	m__	ML	2.6
DAVA	0.89	123.1	PmP	00:54:15.390	-0.4	T__	m__		
DAVA	0.89	123.1	SmS	00:54:28.930	-0.0	___	m__		
UBR	0.90	95.7	Pg	00:54:14.000	0.6	T__	mC__	ML	2.6
UBR	0.90	95.7	PmP	00:54:15.370	-0.5	T__	m__		
A108A	0.90	50.4	Pg	00:54:14.300	0.7	___	m__		
A108A	0.90	50.4	Sg	00:54:25.800	0.6	___	m__		2.2
A107C	0.98	75.2	Pg	00:54:15.400	0.4	___	m__	ML	2.8
A107C	0.98	75.2	Sg	00:54:30.100	2.4	___	m__		0.5
GALG	1.01	359.9	Pg	00:54:15.370	-0.2	T__	md__	ML	2.7
GALG	1.01	359.9	PmP	00:54:16.140	-1.6	T__	m__		
GALG	1.01	359.9	Sg	00:54:29.060	0.5	T__	m__		
BABA	1.02	337.5	Pg	00:54:15.550	-0.2	T__	m__	ML	2.8
BABA	1.02	337.5	PmP	00:54:16.290	-1.7	T__	m__		
STU	1.03	15.2	Pg	00:54:15.720	-0.2	T__	md__	ML	2.7
STU	1.03	15.2	PmP	00:54:16.520	-1.6	T__	m__		
STU	1.03	15.2	SmS	00:54:30.660	-2.3	___	m__		
A105A	1.08	109.4	Pg	00:54:17.800	0.8	___	m__	ML	2.6
A105A	1.08	109.4	Sg	00:54:32.400	1.4	___	m__		0.3
OBER	1.08	109.4	Pg	00:54:17.924	1.0	___	m_e	ML	2.0
OBER	1.08	109.4	PmP	00:54:18.330	-0.7	___	m__		
OBER	1.08	109.4	Sg	00:54:32.320	1.4	___	m_e		
BOURR	1.11	250.5	Pn	00:54:17.220	-1.0	T__	mC__	ML	2.5
BOURR	1.11	250.5	Pg	00:54:18.110	0.6	T__	m__		
BOURR	1.11	250.5	Sg	00:54:33.320	1.4	___	m__		
A106B	1.16	32.3	Pg	00:54:18.400	0.0	___	m__	ML	3.1
A106B	1.16	32.3	Sg	00:54:33.600	0.2	___	m__		0.8
ECH	1.17	292.6	Pn	00:54:17.810	-1.2	T__	m__		
ECH	1.17	292.6	Pg	00:54:18.820	0.2	___	m__		
ECH	1.17	292.6	Sg	00:54:34.500	0.7	___	m__		
BRET	1.24	357.1	Pn	00:54:18.770	-1.1	T__	m__	ML	2.7
BRET	1.24	357.1	Pg	00:54:20.080	0.2	T__	m__		
BRET	1.24	357.1	Sg	00:54:36.650	0.8	___	m__		
HDH	1.25	49.1	Pn	00:54:18.730	-1.3	T__	m__	ML	3.1
HDH	1.25	49.1	Pg	00:54:20.070	0.1	T__	m__		
RETA	1.36	101.5	Pg	00:54:22.630	0.4	___	m__	ML	2.2
PEB	1.47	331.6	Pn	00:54:22.020	-1.0	___	mC__	ML	2.7
PEB	1.47	331.6	Sg	00:54:43.580	0.3	___	m__		
CHMF	1.53	250.6	Pn	00:54:22.770	-1.1	___	mC__	ML	2.7

CHMF	1.53	250.6	Pg	00:54:25.580	0.2	---	m_
NORI	1.55	51.8	Pg	00:54:26.173	0.5	---	m_e
NORI	1.55	51.8	Sn	00:54:42.917	-0.7	---	m_e
NORI	1.55	51.8	Sg	00:54:46.019	0.3	---	m_e
SIND	1.66	18.8	Pn	00:54:23.790	-1.9	---	m_ ML 2.7
SIND	1.66	18.8	Pg	00:54:27.820	-0.1	---	m_
FUR	1.71	76.1	Pg	00:54:29.130	0.3	---	m_e ML 2.8
FUR	1.71	76.1	Sg	00:54:51.768	0.8	---	m_e
IMS	1.91	342.6	Pg	00:54:32.450	-0.0	---	m_ ML 2.4
WTTA	1.99	103.9	Sg	00:55:00.774	0.9	---	m_e ML 2.4
DUP	2.10	321.8	Pg	00:54:36.400	0.3	---	mci ML 2.6
DUP	2.10	321.8	Sg	00:55:03.170	-0.1	---	m_
BODE	2.16	351.7	Pg	00:54:37.420	0.2	---	m_ ML 2.5
GRC1	2.19	55.1	Pn	00:54:31.410	-1.4	---	md_ ML 2.8
GRC1	2.19	55.1	Pg	00:54:37.120	-0.7	---	m_
GRC1	2.19	55.1	Sn	00:54:56.930	-1.8	---	m_
ABH	2.26	339.3	Pn	00:54:32.880	-0.8	---	m_ ML 2.4
ABH	2.26	339.3	Pg	00:54:38.530	-0.5	---	m_
ABH	2.26	339.3	Sg	00:55:07.619	-0.6	---	m_e
RIVT	2.34	326.2	Pn	00:54:34.700	-0.2	---	m_ ML 2.7
RIVT	2.34	326.2	Pg	00:54:40.869	0.2	---	m_e
RIVT	2.34	326.2	Sn	00:55:01.783	-0.6	---	m_e
RIVT	2.34	326.2	Sg	00:55:10.289	-0.7	---	m_e
WBG	2.42	8.5	Pn	00:54:34.620	-1.3	---	m_ ML 2.7
WBG	2.42	8.5	Sg	00:55:13.010	-0.4	---	m_
TNS	2.46	355.0	Pn	00:54:36.030	-0.4	---	m_ ML 2.4
GRA1	2.50	39.1	Pg	00:54:43.020	-0.6	---	m_e ML 2.8
GRA1	2.50	39.1	Sg	00:55:15.200	-0.8	---	m_
WLF	2.56	318.4	Sg	00:55:17.860	-0.1	---	m_ ML 2.6
FACH	2.63	349.0	Pg	00:54:48.050	1.9	---	m_ ML 2.3
RJOB	2.70	89.4	Pn	00:54:41.320	1.6	---	m_e
OCHT	2.73	340.5	Pn	00:54:40.010	-0.1	---	m_ ML 2.4
AHRW	2.98	338.6	Pn	00:54:44.050	0.5	---	m_e
ROTZ	3.01	47.3	Pg	00:54:52.848	-0.4	---	m_e ML 2.9
ROTZ	3.01	47.3	Sn	00:55:17.585	-0.4	---	m_e
ROTZ	3.01	47.3	Sg	00:55:31.361	-0.7	---	m_e
WET	3.04	61.8	Pn	00:54:43.740	-0.6	---	m_e ML 2.9
WET	3.04	61.8	Pg	00:54:53.544	-0.3	---	m_e
WET	3.04	61.8	Sg	00:55:32.564	-0.5	---	m_e
KBA	3.16	101.1	Pn	00:54:48.316	2.3	---	m_e
KBA	3.16	101.1	Pg	00:54:56.396	0.3	---	m_e
KBA	3.16	101.1	Sg	00:55:37.411	0.4	---	m_e
MEM	3.36	328.4	Pn	00:54:49.460	0.8	---	m_ ML 2.8
MOX	3.41	31.8	Sg	00:55:43.762	-1.2	---	m_e ML 3.1
GEC2	3.44	70.1	Pn	00:54:49.783	0.0	---	m_e ML 2.8
GEC2	3.44	70.1	Sg	00:55:46.150	0.3	---	m_e
MOA	3.68	86.8	Pn	00:54:53.923	0.9	---	m_e
MOA	3.68	86.8	Pg	00:55:05.697	-0.2	---	m_e
MOA	3.68	86.8	Sg	00:55:53.989	0.5	---	m_e

Event 61119007 Singen/Hohentwiel, Swiss-German border region

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



2016/11/19 10:53:33.30	0.15	0.90	47.7700	8.7985	2.7	2.4	031	7.0f	42	5	059			m i ke LDG	61119037	
2016/11/19 10:53:33.50		0.45	47.8100	8.8100				0.0	3.0	15	10	231	0.35	1.40	m i ke BUG	61119027
2016/11/19 10:53:33.06	0.28	0.24	47.8100	8.7930	3.3	2.2	169	10.0f		15	9	086	0.09	1.00	m i ke BGR	61119017
2016/11/19 10:53:32.96	0.07	0.11	47.7730	8.7910	0.7	0.6	340	5.0	2.0	28	16	087	0.12	1.18	m i ke LED	61119007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.5	5 LDG	61119037
MD	1.9	0.1	6 BUG	61119027
ML	2.1	0.2	7 BUG	61119027
ML	0.9	0.4	2 BGR	61119017
ML	1.2	0.3	18 LED	61119007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
STEIN	0.12	153.0	Pg	10:53:35.610	0.3					T__				md_	ML	1.0
STEIN	0.12	153.0	Sg	10:53:37.660	0.8					T__				m__		
EMING	0.13	17.0	Pg	10:53:35.610	0.1					T__				md_	ML	0.4
EMING	0.13	17.0	Sg	10:53:37.600	0.3					T__				m__		
SLE	0.20	268.2	Pg	10:53:36.990	0.2					T__				mc_	ML	0.5
SLE	0.20	268.2	Sg	10:53:39.880	0.4					T__				m__		
WALHA	0.22	95.0	Pg	10:53:37.580	0.3					T__				mc_	ML	0.8
WALHA	0.22	95.0	Sg	10:53:41.089	0.9					___				m_e		
METMA	0.37	260.7	Pg	10:53:40.020	0.1					T__				m__	ML	0.6
METMA	0.37	260.7	Sg	10:53:44.990	0.3					T__				m__		
GUT	0.37	36.0	Pg	10:53:40.180	0.2					T__				m__	ML	1.5
GUT	0.37	36.0	Sg	10:53:45.390	0.6					T__				m__		
A101B	0.38	335.0	Pg	10:53:40.200	0.0					___				m__	ML	1.2
A101B	0.38	335.0	Sg	10:53:45.400	0.2					___				m__		
BERGE	0.42	283.7	Pg	10:53:41.170	0.2					T__				mc_	ML	1.0
BERGE	0.42	283.7	Sg	10:53:46.900	0.4					T__				m__		
A102A	0.46	36.5	Pg	10:53:42.400	0.8					___				m__	ML	1.5
A102A	0.46	36.5	Sg	10:53:48.300	0.7					___		0.1		m__		
A103A	0.49	85.4	Pg	10:53:42.800	0.5					___				m__		
SULZ	0.52	242.1	Pg	10:53:43.080	0.3					T__				mc_	ML	1.0
SULZ	0.52	242.1	Sg	10:53:50.210	0.7					T__				m__		
FELD	0.54	281.4	Pg	10:53:43.270	0.1					T__				m__	ML	1.1
FELD	0.54	281.4	SmS	10:53:54.880	-1.3					___				m__		
KIZ	0.61	287.7	Pg	10:53:44.620	0.1					T__				m__	ML	1.3
BFO	0.64	331.2	Pg	10:53:44.940	-0.0					T__				m__	ML	1.6
BFO	0.64	331.2	PmP	10:53:47.000	-1.2					T__				m__		
BFO	0.64	331.2	Sg	10:53:54.100	0.9					___				m__		
BFO	0.64	331.2	SmS	10:53:56.840	-1.7					T__				m__		
A100A	0.69	7.5	Sg	10:53:55.700	0.9					___		0.1		m__	ML	1.9
ENDD	0.71	265.7	Pg	10:53:46.460	0.1					T__				mc_	ML	1.5
ENDD	0.71	265.7	PmP	10:53:48.010	-1.3					T__				m__		
ENDD	0.71	265.7	Sg	10:53:56.170	0.6					T__				m__		
ENDD	0.71	265.7	SmS	10:53:59.300	-1.2					T__				m__		
A109A	0.81	33.4	Pg	10:53:48.300	0.1					___				m__	ML	2.1
A109A	0.81	33.4	Sg	10:53:58.600	0.0					___				m__		
PLONS	0.83	150.9	Sg	10:54:00.557	1.3					___				m_e		
OPP	0.83	331.1	PmP	10:53:49.490	-1.7					___				m__	ML	1.3
BALST	0.86	239.8	Pg	10:53:50.164	1.0					___				m_e	ML	1.6
BALST	0.86	239.8	Sg	10:54:01.247	1.0					___				m_e		
BALST	0.86	239.8	SmS	10:54:03.160	-1.3					T__				m__		
DAVA	0.88	123.1	SmS	10:54:05.250	0.2					T__				m__	ML	1.2

UBR	0.89	95.5	Sg	10:54:03.000	1.7	---	m__	ML	1.4
UBR	0.89	95.5	SmS	10:54:05.240	-0.1	T__	m__		
A108A	0.90	50.0	Sg	10:54:02.600	1.0	---	m__	ML	2.0
GALG	1.01	359.6	SmS	10:54:07.520	-1.3	---	m__	ML	1.1
STU	1.03	14.9	Pg	10:53:51.870	-0.6	---	m_e		
WLS	1.15	304.2	SmS	10:54:10.850	-2.0	T__	m__	ML	1.4
A106B	1.16	32.0	Pg	10:53:54.700	-0.1	---	m__	ML	2.3
ECH	1.18	292.7	SmS	10:54:11.200	-2.4	---	m__		
INSH	1.44	343.4	Pg	10:54:01.000	1.0	---	m__		
INSH	1.44	343.4	Sg	10:54:19.300	0.7	---	m__		

Event 61119005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/19	19:12:17.14	0.69	1.03	51.3334	15.9748	6.3	3.2	047	0.0	0.0	23	7	024			m i sr	ZAMG	61119015
2016/11/19	19:12:15.94	0.48	0.67	51.4490	16.0940	5.6	2.2	023	1.0f		30	13	233	0.62	3.02	m i ki	BGR	61119005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.2	6 ZAMG	61119015
ML	3.0	0.3	12 BGR	61119005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.62	168.3	Pg	19:12:28.005	0.4					T__				m_e	ML 2.3
KSP	0.62	168.3	Sg	19:12:36.099	0.5					T__				m_e	
DPC	1.11	172.4	Pg	19:12:36.819	-0.0					T__				m_e	ML 3.4
DPC	1.11	172.4	Sg	19:12:51.275	0.1					T__				m_e	
BRG	1.47	247.7	Pn	19:12:42.256	-0.5					T__				m_e	ML 2.9
BRG	1.47	247.7	Pg	19:12:43.295	-0.3					T__				m_e	
BRG	1.47	247.7	Sg	19:13:04.041	1.5					T__				m_e	
FBE	1.80	254.0	Pn	19:12:47.252	-0.0					T__				m_e	ML 2.8
FBE	1.80	254.0	Pg	19:12:49.649	-0.2					T__				m_e	
FBE	1.80	254.0	Sg	19:13:13.594	0.6					T__				m_e	
MORC	1.91	150.6	Pn	19:12:48.736	-0.0					T__				m_e	ML 3.3
MORC	1.91	150.6	Sg	19:13:16.088	-0.5					T__				m_e	
CLL	1.93	267.0	Pn	19:12:48.516	-0.6					T__				m_e	ML 2.9
CLL	1.93	267.0	Pg	19:12:51.541	-0.9					T__				m_e	
CLL	1.93	267.0	Sg	19:13:16.332	-1.1					T__				m_e	
OKC	2.07	140.3	Pg	19:12:55.761	0.8					T__				m_e	ML 2.7
OKC	2.07	140.3	Sg	19:13:20.752	-1.0					T__				m_e	
TANN	2.51	247.1	Pn	19:12:57.155	0.2					T__				m_e	ML 3.1
TANN	2.51	247.1	Pg	19:13:03.482	0.2					T__				m_e	
TANN	2.51	247.1	Sg	19:13:35.340	-0.4					T__				m_e	
WERD	2.59	248.7	Pn	19:12:58.554	0.6					T__				m_e	ML 3.1
WERD	2.59	248.7	Pg	19:13:05.743	1.0					T__				m_e	
WERD	2.59	248.7	Sg	19:13:38.861	0.7					T__				m_e	
MANZ	2.92	241.5	Pn	19:13:03.489	1.1					T__				m_e	ML 3.3
MANZ	2.92	241.5	Pg	19:13:12.045	1.1					T__				m_e	
MANZ	2.92	241.5	Sg	19:13:48.641	0.0					T__				m_e	
MOX	2.93	255.8	Pg	19:13:11.344	0.2					T__				m_e	ML 3.3
MOX	2.93	255.8	Sg	19:13:48.273	-0.7					T__				m_e	
ROTZ	2.99	237.2	Sg	19:13:50.984	0.2					T__				m_e	
GEC2	3.02	211.4	Sg	19:13:51.517	-0.4					T__				m_e	ML 3.2

Event 61120005 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/20	20:08:12.00	0.15	1.04	47.7797	8.7754	3.1	2.6	006	8.0f		39	5	058			m i ke	LDG	61120035
2016/11/20	20:08:12.20		0.26	47.8100	8.7700				0.0	5.0	12	7	263	0.34	0.89	m i ke	BUG	61120025
2016/11/20	20:08:11.60	0.29	0.28	47.8100	8.7860	3.3	2.2	005	10.0f		18	10	078	0.09	0.88	m i ke	BGR	61120015
2016/11/20	20:08:11.58	0.04	0.08	47.7740	8.7840	0.5	0.4	003	5.0	1.0	36	21	088	0.12	1.17	m i ke	LED	61120005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.5	5 LDG	61120035
MD	2.1	0.3	4 BUG	61120025
ML	2.0		3 BUG	61120025
ML	0.9	0.4	3 BGR	61120015
ML	1.2	0.2	21 LED	61120005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STEIN	0.12	151.2	Pg	20:08:14.320	0.3					T__				mdi	ML 1.3
STEIN	0.12	151.2	Sg	20:08:16.480	0.9					T__				m__	
EMING	0.13	19.1	Pg	20:08:14.220	0.1					T__				mdi	ML 1.7
EMING	0.13	19.1	Sg	20:08:16.220	0.3					T__				m__	
SLE	0.20	267.8	Pg	20:08:15.520	0.2					T__				mci	ML 0.7
SLE	0.20	267.8	Sg	20:08:18.350	0.4					T__				m__	
WALHA	0.23	95.2	Pg	20:08:16.270	0.3					T__				mci	ML 0.8
WALHA	0.23	95.2	Sg	20:08:19.860	0.9					T__				m__	
METMA	0.36	260.4	Pg	20:08:18.560	0.1					T__				mci	
METMA	0.36	260.4	Sg	20:08:23.430	0.2					T__				m__	
METMA	0.36	260.4	SmS	20:08:29.750	-1.3					---				m__	
WILA	0.37	166.9	Pg	20:08:19.100	0.5					---				md_	ML 0.8
WILA	0.37	166.9	Sg	20:08:24.670	1.3					---				m__	
GUT	0.37	36.7	Pg	20:08:18.830	0.2					T__				md_	ML 1.4
GUT	0.37	36.7	Sg	20:08:24.050	0.6					T__				m__	
A101B	0.38	335.6	Pg	20:08:18.800	0.0					---				m__	ML 0.9
A101B	0.38	335.6	Sg	20:08:24.000	0.3					---		0.0		m__	
BERGE	0.42	283.7	Pg	20:08:19.690	0.2					T__				mci	ML 1.0
BERGE	0.42	283.7	Sg	20:08:25.440	0.5					T__				m__	
A102A	0.46	37.1	Pg	20:08:20.500	0.2					---				m__	ML 1.6
A102A	0.46	37.1	Sg	20:08:27.000	0.7					---		0.1		m__	
SULZ	0.51	241.8	Pg	20:08:21.660	0.3					T__				m__	ML 1.0
SULZ	0.51	241.8	Sg	20:08:28.800	0.8					T__				m__	
FELD	0.53	281.3	Pg	20:08:21.820	0.2					T__				m__	ML 1.1
FELD	0.53	281.3	Sg	20:08:29.020	0.4					---				m__	
KIZ	0.61	287.7	Pg	20:08:23.200	0.1					T__				m__	ML 1.2
KIZ	0.61	287.7	Sg	20:08:31.600	0.6					T__				m__	
KIZ	0.61	287.7	SmS	20:08:34.800	-1.7					T__				m__	
BFO	0.63	331.5	Pg	20:08:23.630	0.1					T__				m__	ML 1.4
BFO	0.63	331.5	PmP	20:08:25.580	-1.1					T__				m__	
BFO	0.63	331.5	SmS	20:08:35.360	-1.8					T__				m__	
A104A	0.68	64.7	Pg	20:08:25.300	0.8					---				m__	
A104A	0.68	64.7	Sg	20:08:34.900	1.5					---				m__	
A100A	0.69	7.9	Pg	20:08:25.100	0.6					---				m__	ML 2.1
A100A	0.69	7.9	Sg	20:08:34.100	0.7					---				m__	

ENDD	0.71	265.6	Pg	20:08:25.000	0.1	T__	mC_ML	1.4
ENDD	0.71	265.6	PmP	20:08:26.530	-1.3	T__	m__	
ENDD	0.71	265.6	SmS	20:08:37.170	-1.8	T__	m__	
TUBL	0.77	14.8	SmS	20:08:38.770	-2.0	T__	m__ ML	1.4
BUCH	0.78	29.1	PmP	20:08:27.890	-1.0	T__	m__ ML	1.8
BUCH	0.78	29.1	SmS	20:08:39.720	-1.1	---	m__	
A109A	0.81	33.7	Pg	20:08:28.100	1.3	---	m__	
A109A	0.81	33.7	Sg	20:08:38.100	0.8	---	m__	
VOGT	0.81	292.8	SmS	20:08:39.970	-1.7	T__	m__ ML	1.7
OPP	0.83	331.4	PmP	20:08:28.010	-1.7	T__	m__ ML	1.1
PLONS	0.83	150.7	Sg	20:08:39.284	1.3	---	m_e	
BALST	0.86	239.6	Pg	20:08:28.670	0.9	---	m_e ML	1.4
BALST	0.86	239.6	PmP	20:08:29.130	-1.1	T__	m__	
BALST	0.86	239.6	Sg	20:08:39.971	1.2	---	m_e	
BALST	0.86	239.6	SmS	20:08:41.650	-1.3	T__	m__	
DAVA	0.89	123.0	SmS	20:08:43.840	0.0	T__	m__ ML	1.0
A108A	0.90	50.3	Pg	20:08:29.700	1.0	---	m__ ML	2.1
GALG	1.01	359.9	PmP	20:08:31.170	-1.6	T__	m__ ML	1.2
BABA	1.02	337.6	PmP	20:08:31.370	-1.6	T__	m__ ML	1.2
BABA	1.02	337.6	SmS	20:08:45.970	-1.7	---	m__	
BOURR	1.11	250.7	PmP	20:08:33.500	-1.0	---	m__ ML	1.3
BOURR	1.11	250.7	SmS	20:08:48.390	-1.9	---	m__	
ECH	1.17	292.7	PmP	20:08:33.960	-1.6	T__	m__	
ECH	1.17	292.7	SmS	20:08:49.580	-2.5	---	m__	

Event 61121001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/21	03:05:13.00	0.17	1.81	44.3793	9.7974	4.7	3.3	022	5.0f	136	38	049				m i ke	LDG	61121011
2016/11/21	03:05:11.90	0.53	1.33	44.2840	9.6160	10.0	6.7	017	10.0f	45	25	281	2.77	5.52		m i ke	BGR	61121001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	0.1	2 LDG	61121011
ML	3.4	0.3	29 LDG	61121011
ML	3.6	0.1	13 BGR	61121001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.77	356.7	Pn	03:05:57.494	2.1					T__				m_e ML	3.2
PLONS	2.77	356.7	Sn	03:06:30.773	4.2					T__				m_e	
DAVA	3.01	3.4	Pn	03:06:00.642	2.1					T__				m_e ML	3.7
DAVA	3.01	3.4	Sn	03:06:37.198	5.0					T__				m_e	
OBER	3.16	8.3	Pn	03:06:02.496	1.9					T__				m_e	
OBER	3.16	8.3	Sn	03:06:39.669	3.9					T__				m_e	
WILA	3.17	351.3	Pn	03:06:02.068	1.3					T__				m_e ML	3.8
WILA	3.17	351.3	Sn	03:06:40.127	4.1					T__				m_e	
ZUGS	3.27	16.4	Sn	03:06:43.575	5.1					T__				m_e	
WTTA	3.30	24.6	Pn	03:06:03.660	1.2					T__				m_e ML	3.6
WTTA	3.30	24.6	Sn	03:06:46.122	7.1					T__				m_e	
BALST	3.33	337.0	Pn	03:06:04.509	1.5					T__				m_e ML	3.5
BALST	3.33	337.0	Sn	03:06:44.108	4.3					T__				m_e	
PART	3.38	17.5	Sn	03:06:45.393	4.5					T__				m_e	
SULZ	3.41	342.7	Pn	03:06:05.324	1.3					T__				m_e ML	3.7

SULZ	3.41	342.7	Sn	03:06:44.168	2.5	T__	m_e													
UBR	3.41	5.6	Pn	03:06:05.381	1.3	T__	m_e	ML	3.7											
UBR	3.41	5.6	Sn	03:06:45.071	3.3	T__	m_e													
WALHA	3.49	354.5	Pn	03:06:05.593	0.5	T__	m_e	ML	3.7											
METMA	3.56	345.0	Pn	03:06:06.675	0.7	T__	m_e													
METMA	3.56	345.0	Sn	03:06:48.600	3.5	T__	m_e													
SLE	3.57	347.8	Pn	03:06:06.691	0.5	T__	m_e	ML	3.6											
SLE	3.57	347.8	Sn	03:06:48.841	3.4	T__	m_e													
EMING	3.65	351.9	Pn	03:06:07.561	0.3	T__	m_e													
EMING	3.65	351.9	Sn	03:06:49.908	2.6	T__	m_e													
BERGE	3.72	345.0	Pn	03:06:08.802	0.5	T__	m_e													
BERGE	3.72	345.0	Sn	03:06:50.487	1.4	T__	m_e													
KBA	3.82	41.7	Pn	03:06:10.838	1.3	T__	m_e	ML	3.5											
KBA	3.82	41.7	Sn	03:06:54.117	2.8	T__	m_e													
RJOB	4.10	31.5	Pn	03:06:16.391	3.0	T__	m_e	ML	3.6											
RJOB	4.10	31.5	Sn	03:07:03.643	5.8	T__	m_e													
OBKA	4.12	55.5	Pn	03:06:14.963	1.4	T__	m_e	ML	3.7											
OBKA	4.12	55.5	Sn	03:07:00.923	2.7	T__	m_e													
BFO	4.14	348.1	Pn	03:06:14.448	0.5	T__	m_e	ML	3.5											
BFO	4.14	348.1	Sn	03:07:02.152	3.3	T__	m_e													
ECH	4.28	337.5	Pn	03:06:17.297	1.4	T__	m_e													
ECH	4.28	337.5	Sn	03:07:05.171	3.0	T__	m_e													
MOA	4.81	40.5	Pn	03:06:24.017	1.1	T__	m_e													
MOA	4.81	40.5	Sn	03:07:18.205	3.7	T__	m_e													
ARSA	5.08	52.2	Pn	03:06:27.195	0.6	T__	m_e													
WET	5.35	23.5	Pn	03:06:31.554	1.2	T__	m_e													
WET	5.35	23.5	Sn	03:07:28.671	1.4	T__	m_e													
GEC2	5.35	30.2	Pn	03:06:29.762	-0.6	T__	m_e													
GEC2	5.35	30.2	Sn	03:07:28.385	1.0	T__	m_e													
GRA1	5.52	10.9	Sn	03:07:31.253	0.0	T__	m_e													

Event 61121002 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/21	03:33:54.20	0.10	1.30	44.3625	9.8339	3.2	2.1	026	11.0f		154	30	049			m i ke	LDG	61121012
2016/11/21	03:33:56.30	0.68	1.04	44.5500	9.7270	12.2	7.8	033	10.0f		28	19	280	2.51	5.09	m i ke	BGR	61121002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.2	25 LDG	61121012
ML	3.3	0.2	9 BGR	61121002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.51	354.6	Pn	03:34:38.830	2.6					T__				m_e	ML 2.9
PLONS	2.51	354.6	Sn	03:35:08.724	3.8					T__				m_e	
DAVA	2.74	2.2	Pn	03:34:42.005	2.7					T__				m_e	ML 3.5
OBER	2.88	7.6	Pn	03:34:43.573	2.3					T__				m_e	
WILA	2.92	349.1	Pn	03:34:43.183	1.4					T__				m_e	ML 3.5
WTTA	3.02	25.4	Pn	03:34:45.139	2.0					T__				m_e	ML 3.4
BALST	3.12	333.8	Pn	03:34:45.903	1.4					T__				m_e	ML 3.3
UBR	3.14	4.7	Pn	03:34:46.403	1.6					T__				m_e	ML 3.5
UBR	3.14	4.7	Sn	03:35:22.470	2.7					T__				m_e	
SULZ	3.18	340.0	Pn	03:34:46.419	1.1					T__				m_e	ML 3.4

SULZ	3.18	340.0	Sn	03:35:24.939	4.2	T__	m_e		
METMA	3.32	342.6	Pn	03:34:47.669	0.4	T__	m_e		
METMA	3.32	342.6	Sn	03:35:26.888	2.9	T__	m_e		
SLE	3.33	345.6	Pn	03:34:47.772	0.5	T__	m_e		
EMING	3.40	350.0	Pn	03:34:48.918	0.6	T__	m_e ML	3.3	
EMING	3.40	350.0	Sn	03:35:29.555	3.7	T__	m_e		
BERGE	3.49	342.7	Pn	03:34:49.870	0.4	T__	m_e		
BERGE	3.49	342.7	Sn	03:35:30.758	2.8	T__	m_e		
KBA	3.57	43.6	Pn	03:34:52.358	1.8	T__	m_e ML	3.2	
RJOB	3.83	32.6	Pn	03:34:56.590	2.5	T__	m_e		
BFO	3.90	346.2	Pn	03:34:55.387	0.3	T__	m_e		
BFO	3.90	346.2	Sn	03:35:39.085	1.5	T__	m_e		
ECH	4.07	335.1	Pn	03:34:58.194	0.8	T__	m_e		
ECH	4.07	335.1	Sn	03:35:46.168	4.6	T__	m_e		
MOA	4.55	42.0	Pn	03:35:04.850	0.9	T__	m_e		
ARSA	4.85	54.1	Pn	03:35:08.302	0.3	T__	m_e		
GEC2	5.09	31.0	Pn	03:35:08.942	-2.2	T__	m_e		
GEC2	5.09	31.0	Sn	03:36:09.573	4.1	T__	m_e		

Event 61121004 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/21	04:30:20.50	0.11	0.82	47.7586	8.7726	2.2	2.1	009	7.0f		57	16	054			m i ke	LDG	61121034
2016/11/21	04:30:20.10		0.24	47.8100	8.7800				11.0	5.0	15	11	219	0.34	1.10	m i ke	BUG	61121024
2016/11/21	04:30:20.11	0.24	0.42	47.8050	8.7720	3.3	2.2	001	10.0f		21	11	071	0.10	1.15	m i ke	BGR	61121014
2016/11/21	04:30:19.90	0.05	0.11	47.7750	8.7840	0.6	0.4	357	5.0	2.0	36	20	088	0.12	1.24	m i ke	LED	61121004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.4	7 LDG	61121034
MD	1.9	0.6	6 BUG	61121024
ML	2.3	0.3	6 BUG	61121024
ML	1.0	0.3	6 BGR	61121014
ML	1.5	0.3	23 LED	61121004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STEIN	0.12	151.5	Pg	04:30:22.620	0.3					T__				mdi ML	1.6
STEIN	0.12	151.5	Sg	04:30:24.730	0.8					T__				m__	
EMING	0.13	19.3	Pg	04:30:22.500	0.1					T__				mdi ML	2.0
EMING	0.13	19.3	Sg	04:30:24.470	0.3					T__				m__	
SLE	0.20	267.5	Pg	04:30:23.820	0.1					T__				mci ML	1.0
SLE	0.20	267.5	Sg	04:30:26.600	0.3					T__				m__	
WALHA	0.23	95.4	Pg	04:30:24.560	0.3					T__				mci ML	1.0
WALHA	0.23	95.4	Sg	04:30:28.119	0.8					---				m_e	
METMA	0.36	260.2	Pg	04:30:26.850	0.1					T__				mc ML	0.8
METMA	0.36	260.2	Sg	04:30:31.780	0.3					T__				m__	
METMA	0.36	260.2	SmS	04:30:37.810	-1.6					T__				m__	
WILA	0.37	166.9	Pg	04:30:27.420	0.5					---				md ML	1.2
WILA	0.37	166.9	Sg	04:30:32.880	1.1					---				m__	
GUT	0.37	36.8	Pg	04:30:27.100	0.2					T__				md ML	1.7
GUT	0.37	36.8	Sg	04:30:32.250	0.5					T__				m__	
A101B	0.38	335.6	Pg	04:30:27.100	0.0					---				m ML	1.0
A101B	0.38	335.6	Sg	04:30:32.300	0.3					---		0.1		m__	

BERGE	0.42	283.6	Pg	04:30:27.990	0.2	T__									mci	ML	1.2
BERGE	0.42	283.6	Sg	04:30:33.670	0.4	T__									m__		
A102A	0.46	37.2	Pg	04:30:29.300	0.7	---									m__	ML	1.7
A102A	0.46	37.2	Sg	04:30:35.300	0.8	---					0.1				m__		
A103A	0.50	85.7	Pg	04:30:29.800	0.5	---									m__	ML	1.9
SULZ	0.51	241.7	Pg	04:30:29.940	0.3	T__									mc_	ML	1.2
SULZ	0.51	241.7	Sg	04:30:36.950	0.6	T__									m__		
FELD	0.53	281.2	Pg	04:30:30.110	0.1	T__									mc_	ML	1.3
FELD	0.53	281.2	Sg	04:30:37.320	0.4	T__									m__		
FELD	0.53	281.2	SmS	04:30:41.240	-1.8	---									m__		
TETT	0.57	101.3	Pg	04:30:31.030	0.4	T__									m__	ML	1.8
TETT	0.57	101.3	SmS	04:30:43.520	-0.4	T__									m__		
KIZ	0.61	287.6	Pg	04:30:31.420	0.0	T__									mc_	ML	1.6
BFO	0.63	331.5	Pg	04:30:31.760	-0.1	T__									md_	ML	1.7
BFO	0.63	331.5	PmP	04:30:33.750	-1.3	T__									m__		
BFO	0.63	331.5	SmS	04:30:43.860	-1.6	T__									m__		
A104A	0.68	64.8	Sg	04:30:42.600	0.9	---									m__	ML	2.5
A100A	0.68	7.9	Pg	04:30:32.800	-0.0	---									m__	ML	2.0
A100A	0.68	7.9	Sg	04:30:42.100	0.4	---					0.1				m__		
ENDD	0.71	265.5	Pg	04:30:33.270	0.0	T__									mc_	ML	1.6
ENDD	0.71	265.5	PmP	04:30:34.830	-1.3	T__									m__		
ENDD	0.71	265.5	Sg	04:30:42.840	0.5	T__									m__		
ENDD	0.71	265.5	SmS	04:30:45.410	-1.9	T__									m__		
BUCH	0.77	29.2	PmP	04:30:36.170	-1.0	T__									m__	ML	2.1
BUCH	0.77	29.2	SmS	04:30:47.960	-1.1	---									m__		
A109A	0.81	33.7	Pg	04:30:32.600	-2.5	---									m__	ML	2.3
A109A	0.81	33.7	Sg	04:30:46.500	0.9	---									m__		
VOGT	0.81	292.7	SmS	04:30:48.220	-1.7	---									m__	ML	2.0
OPP	0.82	331.3	SmS	04:30:48.470	-2.0	T__									m__	ML	1.5
BALST	0.86	239.6	PmP	04:30:36.880	-1.7	---									m__	ML	1.7
BALST	0.86	239.6	Sg	04:30:48.273	1.1	---									m_e		
BALST	0.86	239.6	SmS	04:30:49.910	-1.4	T__									m__		
DAVA	0.89	123.0	SmS	04:30:52.240	0.1	---									m__	ML	1.4
UBR	0.90	95.6	Pg	04:30:37.952	1.2	---									m_e	ML	1.4
UBR	0.90	95.6	PmP	04:30:38.790	-0.4	T__									m__		
UBR	0.90	95.6	Sg	04:30:50.138	1.8	---									m_e		
UBR	0.90	95.6	SmS	04:30:52.160	-0.2	T__									m__		
A108A	0.90	50.3	Sg	04:30:49.500	0.8	---					0.2				m__	ML	2.3
A107C	0.98	75.0	Pg	04:30:39.600	1.2	---									m__	ML	2.4
GALG	1.01	359.9	Pg	04:30:38.880	-0.1	T__									m__	ML	1.2
BABA	1.02	337.6	PmP	04:30:39.630	-1.7	T__									md_	ML	1.5
A105A	1.08	109.3	Pg	04:30:41.100	0.8	---									m__	ML	2.2
A105A	1.08	109.3	Sg	04:30:57.000	2.7	---					0.1				m__		
ECH	1.17	292.7	PmP	04:30:42.260	-1.6	T__									m__		
ECH	1.17	292.7	Sg	04:30:57.402	0.2	---									m_e		
BRET	1.24	357.1	PmP	04:30:43.640	-1.4	---									m__	ML	1.4

Event 61121003 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/21	04:31:58.40	0.06	0.55	47.7770	8.7884	1.2	1.2	123	6.0f		64	12	058			m i ke	LDG	61121033
2016/11/21	04:31:58.50		0.29	47.8000	8.7700				0.0	4.0	21	12	221	0.35	1.14	m i ke	BUG	61121023
2016/11/21	04:31:58.52	0.22	0.41	47.8020	8.7770	3.3	2.2	171	10.0f		22	13	071	0.10	1.54	m i ke	BGR	61121013

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	11 LDG	61121033
MD	2.2	0.3	8 BUG	61121023
ML	2.4	0.2	8 BUG	61121023
ML	1.3	0.3	8 BGR	61121013
ML	1.8	0.3	26 LED	61121003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
STEIN	0.12	151.7	Pg	04:32:00.990	0.3					T__				mdi	ML	1.8
STEIN	0.12	151.7	Sg	04:32:03.140	0.8					T__				m__		
EMING	0.13	19.4	Pg	04:32:00.880	0.1					T__				mdi	ML	2.2
EMING	0.13	19.4	Sg	04:32:02.880	0.4					T__				m__		
SLE	0.20	267.2	Pg	04:32:02.200	0.2					T__				mci	ML	1.3
SLE	0.20	267.2	Sg	04:32:05.040	0.4					T__				m__		
WALHA	0.23	95.7	Pg	04:32:02.950	0.3					T__				mci	ML	1.4
WALHA	0.23	95.7	Sg	04:32:06.450	0.8					T__				m__		
METMA	0.36	260.1	Pg	04:32:05.240	0.1					T__				mci	ML	1.1
METMA	0.36	260.1	Sg	04:32:10.110	0.2					T__				m__		
METMA	0.36	260.1	SmS	04:32:16.210	-1.5					___				m__		
GUT	0.37	36.9	Pg	04:32:05.450	0.2					T__				m__	ML	2.0
GUT	0.37	36.9	Sg	04:32:10.630	0.6					T__				m__		
WILA	0.37	167.0	Pg	04:32:05.790	0.5					___				mdi	ML	1.5
WILA	0.37	167.0	Sg	04:32:11.380	1.3					___				m__		
A101B	0.38	335.5	Pg	04:32:05.400	-0.0					___				m__		
A101B	0.38	335.5	Sg	04:32:10.700	0.4					___		0.1		m__		
BERGE	0.42	283.4	Pg	04:32:06.380	0.2					T__				mci	ML	1.5
BERGE	0.42	283.4	Sg	04:32:12.110	0.5					T__				m__		
A102A	0.46	37.2	Pg	04:32:07.200	0.3					___				m__	ML	1.7
A102A	0.46	37.2	Sg	04:32:13.700	0.8					___		0.1		m__		
A103A	0.50	85.8	Pg	04:32:08.100	0.4					___				m__	ML	2.0
A103A	0.50	85.8	Sg	04:32:15.300	1.2					___		0.2		m__		
SULZ	0.52	241.6	Pg	04:32:08.330	0.3					T__				mc__	ML	1.5
SULZ	0.52	241.6	Sg	04:32:15.460	0.8					T__				m__		
FELD	0.53	281.1	Pg	04:32:08.490	0.1					T__				mc__	ML	1.6
FELD	0.53	281.1	Sg	04:32:15.680	0.4					T__				m__		
FELD	0.53	281.1	SmS	04:32:19.590	-1.8					T__				m__		
TETT	0.57	101.4	Pg	04:32:09.580	0.5					T__				mc__	ML	1.9
TETT	0.57	101.4	Sg	04:32:17.790	1.4					___				m__		
TETT	0.57	101.4	SmS	04:32:21.960	-0.3					T__				m__		
KIZ	0.61	287.6	Pg	04:32:09.810	0.1					T__				mc__	ML	1.9
KIZ	0.61	287.6	Sg	04:32:17.930	0.3					T__				m__		
KIZ	0.61	287.6	SmS	04:32:21.160	-2.0					T__				m__		
BFO	0.63	331.4	Pg	04:32:10.150	-0.0					T__				md__	ML	1.9
BFO	0.63	331.4	PmP	04:32:12.220	-1.2					T__				m__		
BFO	0.63	331.4	Sg	04:32:18.400	0.0					___		0.2		m__		
BFO	0.63	331.4	SmS	04:32:21.940	-1.8					T__				m__		
FBB	0.66	290.2	SmS	04:32:22.720	-1.8					___				m__	ML	2.3
A100A	0.68	7.9	Pg	04:32:11.100	-0.1					___				m__	ML	2.3
A100A	0.68	7.9	Sg	04:32:20.500	0.5					___		0.3		m__		
A104A	0.68	64.9	Pg	04:32:12.000	0.8					___				m__	ML	2.1
A104A	0.68	64.9	Sg	04:32:21.500	1.5					___		0.2		m__		
ENDD	0.71	265.4	Pg	04:32:11.680	0.1					T__				mci	ML	2.0



ENDD	0.71	265.4	PmP	04:32:13.220	-1.3	T__	m__												
ENDD	0.71	265.4	Sg	04:32:21.270	0.5	T__	m__												
ENDD	0.71	265.4	SmS	04:32:23.780	-1.9	T__	m__												
TUBL	0.77	14.8	PmP	04:32:14.310	-1.2	T__	m__	ML	1.9										
TUBL	0.77	14.8	Sg	04:32:23.190	0.3	T__	m__												
TUBL	0.77	14.8	SmS	04:32:25.410	-2.0	T__	m__												
BUCH	0.77	29.2	Pg	04:32:13.230	0.4	---	m__	ML	2.4										
BUCH	0.77	29.2	PmP	04:32:14.550	-1.0	T__	m__												
BUCH	0.77	29.2	Sg	04:32:23.820	1.0	---	m__												
BUCH	0.77	29.2	SmS	04:32:26.390	-1.0	T__	m__												
A109A	0.81	33.7	Pg	04:32:14.600	1.1	---	m__	ML	2.1										
A109A	0.81	33.7	Sg	04:32:24.800	0.9	---	m__			0.2									
VOGT	0.81	292.7	SmS	04:32:26.620	-1.7	T__	m__	ML	2.3										
OPP	0.82	331.3	Pg	04:32:13.650	-0.2	T__	m__	ML	1.6										
OPP	0.82	331.3	PmP	04:32:14.690	-1.7	T__	m__												
OPP	0.82	331.3	Sg	04:32:25.100	0.6	---	m__												
BALST	0.86	239.5	Pg	04:32:15.000	0.6	T__	m__	ML	1.8										
BALST	0.86	239.5	PmP	04:32:15.800	-1.1	T__	m__												
BALST	0.86	239.5	Sg	04:32:26.600	1.1	---	m__												
BALST	0.86	239.5	SmS	04:32:28.370	-1.3	T__	m__												
DAVA	0.89	123.1	SmS	04:32:30.560	0.0	T__	m__	ML	1.6										
UBR	0.90	95.6	Pg	04:32:15.820	0.7	T__	m__	ML	1.6										
UBR	0.90	95.6	PmP	04:32:17.170	-0.4	T__	m__												
UBR	0.90	95.6	Sg	04:32:27.826	1.1	---	m_e												
A108A	0.90	50.4	Pg	04:32:16.300	1.0	---	m__												
A108A	0.90	50.4	Sg	04:32:27.800	0.8	---	m__			0.2									
A107C	0.98	75.1	Sg	04:32:31.800	2.4	---	m__												
GALG	1.01	359.9	PmP	04:32:17.870	-1.6	T__	m__	ML	1.7										
BABA	1.02	337.5	Pg	04:32:17.490	-0.0	---	m__	ML	1.9										
BABA	1.02	337.5	PmP	04:32:18.010	-1.6	T__	m__												
A105A	1.08	109.4	Pg	04:32:20.000	1.3	---	m__	ML	2.3										
OBER	1.08	109.4	Pg	04:32:20.049	1.4	---	m_e												
BOURR	1.11	250.6	Pn	04:32:19.040	-0.8	T__	m__	ML	1.4										
BOURR	1.11	250.6	PmP	04:32:20.110	-1.1	T__	m__												
BOURR	1.11	250.6	Sg	04:32:35.230	1.5	---	m__												
A106B	1.16	32.2	Pg	04:32:20.700	0.6	---	m__	ML	2.2										
ECH	1.17	292.6	Pg	04:32:21.289	0.9	---	m_e												
ECH	1.17	292.6	PmP	04:32:20.680	-1.6	T__	m__												
ECH	1.17	292.6	Sg	04:32:36.250	0.7	---	m__												
PEB	1.47	331.6	Sg	04:32:45.220	0.2	---	m__	ML	1.7										
NORI	1.55	51.7	Sg	04:32:47.851	0.4	---	m_e												

Event 61122004 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/22	11:40:04.90	0.12	0.81	47.7920	9.3044	2.0	1.8	131	2.0	0.0	64	9	051			m i ke	LDG	61122034
2016/11/22	11:40:03.94	0.25	1.64	47.8247	9.3014	2.3	1.4	004	6.0	0.0	35	9	051			m i uk	ZAMG	61122024
2016/11/22	11:40:03.90		0.10	47.7800	9.2800				8.0	2.0	20	13	187	0.17	1.02	m i ke	BUG	61122024
2016/11/22	11:40:05.11	0.22	0.53	47.8250	9.2910	2.2	1.1	006	10.0f		25	15	086	0.13	2.26	m i ke	BGR	61122014
2016/11/22	11:40:04.57	0.18	0.32	47.7890	9.3010	2.9	1.7	014	4.0f		45	25	074	0.12	1.91	m i ke	LED	61122004

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.4	0.2	9	LDG	61122034
ML	2.3	0.3	9	ZAMG	61122024
MD	2.3	0.2	8	BUG	61122024
ML	2.5	0.1	9	BUG	61122024
ML	1.8	0.3	11	BGR	61122014
ML	2.0	0.2	31	LED	61122004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WALHA	0.12	253.2	Pg	11:40:07.150	0.1					T__				mc_	ML 1.6
WALHA	0.12	253.2	Sg	11:40:09.800	1.1					T__				m__	
A103A	0.15	81.8	Pg	11:40:07.500	0.0					---				m__	ML 2.2
A103A	0.15	81.8	Sg	11:40:10.200	0.7					---		1.9		m__	
A103B	0.15	81.8	Pg	11:40:07.500	0.0					---				m__	
A103B	0.15	81.8	Sg	11:40:10.200	0.7					---		4.9		m__	
TETT	0.25	121.4	Pg	11:40:09.350	0.1					T__				m__	ML 2.2
TETT	0.25	121.4	Sg	11:40:13.570	1.1					T__				m__	
GUT	0.31	336.3	Pg	11:40:09.600	-0.8					T__				m__	
GUT	0.31	336.3	Sg	11:40:15.290	0.9					T__				m__	
STEIN	0.31	247.8	Pg	11:40:10.970	0.4					T__				mc_	ML 1.9
STEIN	0.31	247.8	Sg	11:40:16.110	1.5					T__				m__	
EMING	0.32	289.4	Pg	11:40:10.870	0.2					T__				mc_	ML 2.0
EMING	0.32	289.4	Sg	11:40:15.910	1.0					T__				m__	
A102A	0.36	349.1	Pg	11:40:11.300	-0.0					---				m__	ML 1.7
A102A	0.36	349.1	Sg	11:40:16.700	0.7					---		0.2		m__	
A104A	0.39	44.9	Pg	11:40:12.000	0.1					---				m__	ML 2.3
A104A	0.39	44.9	Sg	11:40:17.900	1.0					---		0.7		m__	
A104B	0.39	43.1	Pg	11:40:12.100	0.1					---				m__	ML 1.9
A104B	0.39	43.1	Sg	11:40:18.000	0.9					---		0.3		m__	
WILA	0.46	215.5	Pg	11:40:13.860	0.6					T__				md_	ML 2.1
WILA	0.46	215.5	Sg	11:40:21.050	1.9					---				m__	
SLE	0.54	267.9	Pg	11:40:14.950	0.1					T__				mc_	ML 1.4
SLE	0.54	267.9	Sg	11:40:22.550	0.7					---				m__	
UBR	0.55	101.0	Pg	11:40:15.360	0.3					T__				mc_	ML 2.0
UBR	0.55	101.0	Sg	11:40:23.810	1.6					T__				m__	
A101B	0.60	303.5	Pg	11:40:15.900	-0.0					---				m__	ML 2.5
DAVA	0.64	141.9	Pg	11:40:17.390	0.8					---				m__	ML 1.8
DAVA	0.64	141.9	Sg	11:40:26.700	1.9					---				m__	
DAVA	0.64	141.9	SmS	11:40:31.250	0.9					T__				m__	
A107C	0.65	68.7	Pg	11:40:17.000	0.3					---				m__	ML 2.2
A107C	0.65	68.7	Sg	11:40:26.400	1.3					---		0.2		m__	
BUCH	0.66	3.0	P*	11:40:18.370						T__				m__	ML 1.5
BUCH	0.66	3.0	Pg	11:40:16.990	-0.1					T__				md_	
A109A	0.66	9.1	Pg	11:40:17.100	0.0					---				m__	ML 2.0
METMA	0.71	264.2	Pg	11:40:17.940	-0.0					T__				m__	ML 1.4
METMA	0.71	264.2	SmS	11:40:31.990	-0.2					---				m__	
A100A	0.71	339.5	Pg	11:40:18.000	0.0					---				m__	ML 2.4
TUBL	0.75	348.9	Pg	11:40:18.710	0.0					---				m__	ML 2.2
TUBL	0.75	348.9	PmP	11:40:20.160	-1.4					T__				m__	
TUBL	0.75	348.9	SmS	11:40:31.860	-1.4					T__				m__	
BERGE	0.76	276.7	Pg	11:40:18.950	0.1					T__				mc_	ML 1.8
BERGE	0.76	276.7	PmP	11:40:19.880	-1.8					---				m__	
BERGE	0.76	276.7	Sg	11:40:29.672	1.0					---				m_e	
BERGE	0.76	276.7	SmS	11:40:32.720	-0.8					---				m__	
A105A	0.77	119.4	Pg	11:40:19.100	-0.0					---				m__	ML 2.0
OBER	0.77	119.4	Pg	11:40:20.343	1.2					---				m_e	

OBER	0.77	119.4	Sg	11:40:30.997	1.9	---	m_e		
SULZ	0.84	252.4	Pg	11:40:20.660	0.2	T_	m_	ML	1.8
SULZ	0.84	252.4	PmP	11:40:22.720	-0.3	---	m_		
SULZ	0.84	252.4	Sg	11:40:32.958	1.6	---	m_e		
BFO	0.85	310.2	Pg	11:40:20.410	-0.1	T_	mC_	ML	2.3
BFO	0.85	310.2	PmP	11:40:22.070	-1.0	T_	m_		
BFO	0.85	310.2	Sg	11:40:31.768	0.3	---	m_e		
BFO	0.85	310.2	SmS	11:40:34.670	-1.2	T_	m_		
FELD	0.88	276.2	Pg	11:40:21.030	-0.0	T_	m_	ML	1.9
FELD	0.88	276.2	PmP	11:40:22.140	-1.5	---	m_		
KIZ	0.94	280.7	Pg	11:40:22.260	-0.1	T_	m_	ML	1.9
KIZ	0.94	280.7	PmP	11:40:23.120	-1.6	T_	m_		
KIZ	0.94	280.7	Sg	11:40:35.330	0.8	T_	m_		
HDH	1.00	36.9	PmP	11:40:24.330	-1.3	---	m_	ML	2.2
HDH	1.00	36.9	SmS	11:40:38.720	-1.4	T_	m_		
A106B	1.00	16.0	Pg	11:40:23.700	0.2	---	m_	ML	2.2
OPP	1.03	314.0	PmP	11:40:24.490	-1.6	T_	m_	ML	2.2
OPP	1.03	314.0	SmS	11:40:39.050	-1.9	T_	m_		
ENDD	1.05	266.6	Pn	11:40:24.260	-1.2	T_	m_	ML	2.0
ENDD	1.05	266.6	PmP	11:40:25.050	-1.5	T_	m_		
ENDD	1.05	266.6	SmS	11:40:40.630	-1.0	T_	m_		
GALG	1.06	341.1	Pg	11:40:24.440	-0.0	---	m_	ML	2.3
GALG	1.06	341.1	PmP	11:40:24.920	-1.7	T_	m_		
GALG	1.06	341.1	SmS	11:40:39.390	-2.3	T_	m_		
VOGT	1.13	285.6	Pg	11:40:26.400	0.5	T_	m_	ML	2.3
VOGT	1.13	285.6	Sg	11:40:41.720	1.2	T_	m_		
BALST	1.17	247.9	Pn	11:40:26.270	-0.8	T_	m_	ML	1.6
BALST	1.17	247.9	Pg	11:40:27.100	0.4	T_	m_		
BALST	1.17	247.9	Sg	11:40:42.910	1.0	---	m_		
BABA	1.19	322.0	Pg	11:40:27.160	0.2	T_	m_	ML	2.1
BABA	1.19	322.0	SmS	11:40:43.430	-2.1	T_	m_		
NORI	1.28	42.9	Sg	11:40:46.337	1.0	---	m_e		
BRET	1.29	341.9	Pg	11:40:29.050	0.2	T_	m_	ML	2.1
WLS	1.44	296.3	Sg	11:40:51.340	0.9	---	m_	ML	1.7
BOURR	1.45	255.0	Sg	11:40:52.110	1.5	---	m_	ML	1.7
ECH	1.50	287.4	Pg	11:40:32.210	-0.6	---	m_	ML	1.8
ECH	1.50	287.4	Sg	11:40:52.620	0.5	---	m_		
SIND	1.57	7.3	Pg	11:40:33.890	-0.3	---	m_	ML	2.0
SIND	1.57	7.3	Sg	11:40:55.070	0.5	---	m_		
WTTA	1.66	107.6	Sg	11:40:58.889	1.5	---	m_e		
KTD	1.73	332.7	Sg	11:41:00.570	1.0	---	m_	ML	2.3
CHMF	1.87	254.2	Sg	11:41:04.930	1.0	---	m_	ML	1.8
GRC1	1.91	49.9	Sg	11:41:04.610	-0.5	---	m_	ML	2.0
GRA1	2.29	32.9	Sg	11:41:15.934	-1.3	---	m_e		

Event 61123001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/23	00:02:44.90	0.14	1.50	42.7132	13.2452	5.2	3.1	042	9.0f		140	27	028			m i ke	LDG	61123011
2016/11/23	00:02:42.79	0.57	1.13	42.5510	13.3760	8.9	7.8	151	10.0f		43	26	305	4.05	8.39	m i ke	BGR	61123001

(#PRIME)

Magnitude Err Nsta Author OrigID

ML 3.2 0.4 24 LDG 61123011  
 ML 3.8 0.2 5 BGR 61123001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	4.05	11.5	Pn	00:03:42.492	-1.0					T__				m_e	ML 4.0
OBKA	4.05	11.5	Sn	00:04:28.403	0.9					T__				m_e	
KBA	4.53	359.7	Pn	00:03:49.395	-0.7					T__				m_e	
KBA	4.53	359.7	Sn	00:04:37.666	-1.2					T__				m_e	
WTTA	4.87	346.0	Pn	00:03:55.296	0.6					T__				m_e	ML 4.0
WTTA	4.87	346.0	Sn	00:04:47.323	0.4					T__				m_e	
ARSA	4.94	17.2	Pn	00:03:55.235	-0.4					T__				m_e	ML 3.4
ARSA	4.94	17.2	Sn	00:04:47.248	-1.3					T__				m_e	
RJOB	5.20	355.7	Pn	00:03:59.073	-0.1					T__				m_e	ML 3.7
RJOB	5.20	355.7	Sn	00:04:54.718	0.0					T__				m_e	
PLONS	5.32	329.2	Pn	00:04:01.491	0.7					T__				m_e	
OBER	5.32	336.9	Pn	00:04:02.130	1.3					T__				m_e	
MOA	5.34	6.4	Pn	00:04:00.447	-0.6					T__				m_e	
MOA	5.34	6.4	Sn	00:04:59.118	1.3					T__				m_e	
DAVA	5.34	333.6	Pn	00:04:01.450	0.3					T__				m_e	
DAVA	5.34	333.6	Sn	00:04:58.558	0.6					T__				m_e	
UBR	5.62	336.9	Pn	00:04:04.541	-0.4					T__				m_e	
WILA	5.80	328.5	Pn	00:04:06.968	-0.3					T__				m_e	
WILA	5.80	328.5	Sn	00:05:10.320	1.6					T__				m_e	
WALHA	6.00	331.5	Pn	00:04:09.758	-0.3					T__				m_e	
WALHA	6.00	331.5	Sn	00:05:12.589	-0.9					T__				m_e	
EMING	6.22	330.8	Pn	00:04:13.198	0.2					T__				m_e	
SLE	6.25	328.3	Pn	00:04:12.093	-1.3					T__				m_e	
BALST	6.25	321.9	Pn	00:04:12.431	-0.9					T__				m_e	
BALST	6.25	321.9	Sn	00:05:18.349	-0.9					T__				m_e	
METMA	6.30	326.8	Pn	00:04:12.700	-1.4					T__				m_e	
METMA	6.30	326.8	Sn	00:05:18.090	-2.4					T__				m_e	
GEC2	6.30	2.0	Pn	00:04:12.629	-1.4					T__				m_e	ML 3.8
GEC2	6.30	2.0	Sn	00:05:21.015	0.6					T__				m_e	
BERGE	6.46	327.3	Pn	00:04:14.763	-1.4					T__				m_e	
WET	6.60	357.2	Pn	00:04:16.357	-1.8					T__				m_e	
WET	6.60	357.2	Sn	00:05:24.277	-3.3					T__				m_e	
BFO	6.77	330.3	Pn	00:04:20.533	0.0					T__				m_e	
BFO	6.77	330.3	Sn	00:05:29.761	-1.9					T__				m_e	
ECH	7.15	324.6	Pn	00:04:24.452	-1.1					T__				m_e	
ECH	7.15	324.6	Sn	00:05:39.486	-0.9					T__				m_e	
ROTZ	7.26	354.0	Pn	00:04:25.161	-2.0					T__				m_e	
ROTZ	7.26	354.0	Sn	00:05:41.647	-1.4					T__				m_e	
GRA1	7.29	349.0	Pn	00:04:27.886	0.3					T__				m_e	
MANZ	7.49	353.7	Pn	00:04:29.564	-0.6					T__				m_e	
MANZ	7.49	353.7	Sn	00:05:44.926	-3.5					T__				m_e	
MOX	8.18	352.1	Pn	00:04:39.449	-0.2					T__				m_e	
TNS	8.39	337.9	Pn	00:04:44.222	1.8					T__				m_e	

Event 61123008 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/23	16:45:17.91	0.40	0.88	51.4070	16.2260	5.6	2.2	015	1.0	36	16	208	0.57	3.61	m	i ki	BGR	61123018

Magnitude Err Nsta Author OrigID  
 ML 3.0 0.3 15 BGR 61123018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.57	175.7	Pg	16:45:29.366	0.8					T__				m_e	ML 2.4
KSP	0.57	175.7	Sg	16:45:36.793	0.9					T__				m_e	
DPC	1.06	176.7	Pg	16:45:38.439	0.6					T__				m_e	ML 3.3
DPC	1.06	176.7	Sg	16:45:52.426	0.9					T__				m_e	
BRG	1.53	250.5	Pn	16:45:44.748	-0.8					T__				m_e	ML 2.8
BRG	1.53	250.5	Pg	16:45:45.998	-0.7					T__				m_e	
BRG	1.53	250.5	Sg	16:46:06.318	-0.2					T__				m_e	
MORC	1.83	152.3	Pn	16:45:50.317	0.6					T__				m_e	ML 3.1
MORC	1.83	152.3	Sg	16:46:15.967	-0.1					T__				m_e	
FBE	1.87	256.0	Pg	16:45:53.542	0.5					T__				m_e	ML 2.9
FBE	1.87	256.0	Sg	16:46:17.219	0.1					T__				m_e	
OKC	1.99	141.4	Pg	16:45:55.182	-0.2					T__				m_e	ML 2.6
OKC	1.99	141.4	Sg	16:46:20.516	-0.5					T__				m_e	
CLL	2.02	268.4	Pg	16:45:54.867	-1.0					T__				m_e	ML 2.9
CLL	2.02	268.4	Sg	16:46:21.581	-0.3					T__				m_e	
OJC	2.55	116.4	Pg	16:46:04.961	-1.0					T__				m_e	
OJC	2.55	116.4	Sg	16:46:37.858	-1.1					T__				m_e	
TANN	2.57	248.8	Pn	16:46:00.138	0.4					T__				m_e	ML 3.1
TANN	2.57	248.8	Pg	16:46:07.192	0.8					T__				m_e	
TANN	2.57	248.8	Sg	16:46:38.893	-0.7					T__				m_e	
WERD	2.65	250.3	Pg	16:46:07.064	-0.8					T__				m_e	ML 2.9
WERD	2.65	250.3	Sg	16:46:42.698	0.6					T__				m_e	
MANZ	2.97	243.0	Pn	16:46:06.344	1.2					T__				m_e	ML 3.2
MANZ	2.97	243.0	Pg	16:46:15.024	1.2					T__				m_e	
MANZ	2.97	243.0	Sg	16:46:53.395	1.2					T__				m_e	
MOX	3.00	257.1	Pg	16:46:14.550	0.1					T__				m_e	ML 3.3
MOX	3.00	257.1	Sg	16:46:53.154	0.0					T__				m_e	
GEC2	3.03	213.3	Pg	16:46:13.663	-1.3					T__				m_e	ML 3.2
GEC2	3.03	213.3	Sg	16:46:53.284	-0.9					T__				m_e	
ROTZ	3.03	238.8	Pn	16:46:07.086	1.1					T__				m_e	ML 3.1
ROTZ	3.03	238.8	Sg	16:46:54.799	0.6					T__				m_e	
WET	3.11	224.7	Pn	16:46:08.154	1.1					T__				m_e	ML 3.1
WET	3.11	224.7	Sg	16:46:55.716	-1.1					T__				m_e	
GRA1	3.61	243.6	Pn	16:46:15.011	1.2					T__				m_e	ML 3.5
GRA1	3.61	243.6	Pg	16:46:27.137	1.2					T__				m_e	
GRA1	3.61	243.6	Sg	16:47:11.766	-0.9					T__				m_e	

Event 61123009 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/23	21:11:16.70	0.12	0.95	42.7175	13.2137	4.4	2.5	047	10.0f		70	19	074			m i ke	LDG	61123019
2016/11/23	21:11:16.95	0.65	1.24	42.4450	13.5460	11.1	8.9	171	10.0f		35	18	306	4.13	7.38	m i ke	BGR	61123009

(#PRIME)

Magnitude Err Nsta Author OrigID  
 ML 2.9 0.3 13 LDG 61123019  
 ML 3.4 0.2 5 BGR 61123009

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

OBKA	4.13	9.6	Pn	21:12:18.702	-0.1	T__	m_e	ML	3.6
OBKA	4.13	9.6	Sn	21:13:04.358	0.8	T__	m_e		
KBA	4.64	358.3	Pn	21:12:24.780	-0.9	T__	m_e	ML	3.4
KBA	4.64	358.3	Sn	21:13:15.165	-0.4	T__	m_e		
WTTA	5.00	345.0	Pn	21:12:30.424	-0.3	T__	m_e	ML	3.6
WTTA	5.00	345.0	Sn	21:13:26.401	2.2	T__	m_e		
ARSA	5.01	15.6	Pn	21:12:29.159	-1.6	T__	m_e	ML	3.1
ARSA	5.01	15.6	Sn	21:13:21.769	-2.5	T__	m_e		
RJOB	5.32	354.5	Pn	21:12:34.982	0.0	T__	m_e	ML	3.3
RJOB	5.32	354.5	Sn	21:13:32.400	0.8	T__	m_e		
MOA	5.43	5.1	Pn	21:12:36.230	-0.2	T__	m_e		
MOA	5.43	5.1	Sn	21:13:34.642	0.5	T__	m_e		
PLONS	5.47	328.7	Pn	21:12:38.006	1.0	T__	m_e		
PLONS	5.47	328.7	Sn	21:13:35.562	0.4	T__	m_e		
DAVA	5.49	333.1	Pn	21:12:37.490	0.2	T__	m_e		
DAVA	5.49	333.1	Sn	21:13:37.579	1.9	T__	m_e		
UBR	5.77	336.3	Pn	21:12:42.026	0.9	T__	m_e		
UBR	5.77	336.3	Sn	21:13:41.565	-0.6	T__	m_e		
WILA	5.95	328.2	Pn	21:12:43.407	-0.2	T__	m_e		
WILA	5.95	328.2	Sn	21:13:46.513	-0.0	T__	m_e		
GEC2	6.40	0.9	Pn	21:12:48.371	-1.3	T__	m_e		
GEC2	6.40	0.9	Sn	21:13:55.650	-1.4	T__	m_e		
SLE	6.40	327.9	Pn	21:12:48.001	-1.7	T__	m_e		
SLE	6.40	327.9	Sn	21:13:54.097	-3.0	T__	m_e		
BALST	6.41	321.8	Pn	21:12:50.773	1.1	T__	m_e		
BALST	6.41	321.8	Sn	21:13:56.288	-0.9	T__	m_e		
BERGE	6.61	327.0	Pn	21:12:52.511	0.0	T__	m_e		
BERGE	6.61	327.0	Sn	21:13:59.779	-2.2	T__	m_e		
WET	6.72	356.3	Pn	21:12:51.966	-1.9	T__	m_e		
WET	6.72	356.3	Sn	21:14:02.722	-1.7	T__	m_e		
BFO	6.93	329.9	Pn	21:12:56.191	-0.6	T__	m_e		
BFO	6.93	329.9	Sn	21:14:06.684	-2.7	T__	m_e		
ECH	7.31	324.4	Pn	21:13:01.504	-0.4	T__	m_e		
ECH	7.31	324.4	Sn	21:14:15.890	-2.4	T__	m_e		
ROTZ	7.38	353.3	Sn	21:14:17.855	-2.2	T__	m_e		

Event 61127002 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/27	03:57:07.40	0.05	0.41	42.8011	13.1825	1.7	1.1	025	9.0f		96	27	053			m i ke	LDG	61127012
2016/11/27	03:57:11.06	0.57	1.61	42.8480	13.4920	11.1	10.0	154	10.0f		43	22	306	3.74	7.02	m i ke	BGR	61127002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.5	1	LDG	61127012
ML	2.9	0.3	30 LDG	61127012
ML	3.5	0.1	4 BGR	61127002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.74	11.2	Pn	03:58:07.988	0.4					T__				m_e	ML 3.6
OBKA	3.74	11.2	Pg	03:58:20.626	-0.9					T__				m_e	
OBKA	3.74	11.2	Sn	03:58:48.591	0.1					T__				m_e	
OBKA	3.74	11.2	Sg	03:59:08.922	-0.9					T__				m_e	

KBA	4.23	358.6	Pn	03:58:14.843	0.5	T__	m_e	ML	3.4
KBA	4.23	358.6	Sn	03:59:04.344	4.2	T__	m_e		
WTTA	4.61	344.1	Pn	03:58:20.403	1.0	T__	m_e	ML	3.7
WTTA	4.61	344.1	Sn	03:59:15.022	6.1	T__	m_e		
ARSA	4.63	17.3	Pn	03:58:19.716	-0.0	T__	m_e		
ARSA	4.63	17.3	Sn	03:59:12.221	2.7	T__	m_e		
RJOB	4.91	354.5	Pn	03:58:25.429	1.9	T__	m_e	ML	3.4
RJOB	4.91	354.5	Sn	03:59:22.741	6.6	T__	m_e		
PART	4.94	341.0	Pn	03:58:25.452	1.5	T__	m_e		
PART	4.94	341.0	Sn	03:59:24.219	7.4	T__	m_e		
MOA	5.03	5.9	Pn	03:58:26.065	0.9	T__	m_e		
MOA	5.03	5.9	Sn	03:59:23.913	5.0	T__	m_e		
OBER	5.09	334.8	Pn	03:58:27.357	1.5	T__	m_e		
OBER	5.09	334.8	Sn	03:59:26.120	5.9	T__	m_e		
PLONS	5.11	326.7	Pn	03:58:27.229	1.0	T__	m_e		
PLONS	5.11	326.7	Sn	03:59:26.510	5.8	T__	m_e		
DAVA	5.12	331.4	Pn	03:58:27.174	0.8	T__	m_e		
DAVA	5.12	331.4	Sn	03:59:27.916	6.9	T__	m_e		
UBR	5.39	335.0	Pn	03:58:32.094	2.1	T__	m_e		
UBR	5.39	335.0	Sn	03:59:31.210	3.9	T__	m_e		
WILA	5.59	326.3	Pn	03:58:33.839	1.0	T__	m_e		
WILA	5.59	326.3	Sn	03:59:36.411	4.2	T__	m_e		
GEC2	6.00	1.3	Sn	03:59:45.807	4.1	T__	m_e		
EMING	6.01	328.7	Pn	03:58:40.528	2.1	T__	m_e		
EMING	6.01	328.7	Sn	03:59:44.480	2.6	T__	m_e		
SULZ	6.02	322.9	Pn	03:58:40.542	2.0	T__	m_e		
SULZ	6.02	322.9	Sn	03:59:45.724	3.5	T__	m_e		
SLE	6.04	326.2	Pn	03:58:39.074	0.2	T__	m_e		
SLE	6.04	326.2	Sn	03:59:45.570	2.9	T__	m_e		
BERGE	6.26	325.2	Pn	03:58:42.069	0.3	T__	m_e		
BERGE	6.26	325.2	Sn	03:59:48.694	1.0	T__	m_e		
WET	6.31	356.3	Pn	03:58:43.960	1.4	T__	m_e		
WET	6.31	356.3	Sn	03:59:51.724	2.7	T__	m_e		
BFO	6.56	328.4	Pn	03:58:47.328	1.4	T__	m_e		
BFO	6.56	328.4	Sn	03:59:57.429	2.5	T__	m_e		
ECH	6.96	322.7	Pn	03:58:50.371	-0.9	T__	m_e		
ECH	6.96	322.7	Sn	04:00:06.257	2.0	T__	m_e		
ROTZ	6.98	353.1	Sn	04:00:06.389	1.7	T__	m_e		
GRA1	7.02	347.9	Sn	04:00:08.804	3.1	T__	m_e		

Event 61127007 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/27	19:09:19.30	0.10	0.76	43.0061	13.0821	3.3	2.0	045	10.0f		114	28	050			m i ke	LDG	61127017
2016/11/27	19:09:21.77	0.66	1.67	42.9750	13.2500	14.5	12.2	167	10.0f		30	17	300	3.65	6.83	m i ke	BGR	61127007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	26 LDG	61127017
ML	3.6	0.2	5 BGR	61127007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.65	14.2	Pn	19:10:17.570	0.4					T__				m_e	ML 3.8

KBA	4.10	0.9	Pn	19:10:24.475	1.2	T__	m_e	ML	3.4
KBA	4.10	0.9	Sn	19:11:10.707	2.8	T__	m_e		
WTTA	4.44	345.7	Pn	19:10:29.072	1.2	T__	m_e	ML	3.9
WTTA	4.44	345.7	Sn	19:11:21.307	5.6	T__	m_e		
ARSA	4.57	19.8	Pn	19:10:30.278	0.7	T__	m_e	ML	3.3
ARSA	4.57	19.8	Sn	19:11:20.531	1.8	T__	m_e		
RJOB	4.77	356.3	Pn	19:10:35.111	2.7	T__	m_e	ML	3.5
RJOB	4.77	356.3	Sn	19:11:29.652	6.1	T__	m_e		
OBER	4.90	335.9	Pn	19:10:36.386	2.3	T__	m_e		
OBER	4.90	335.9	Sn	19:11:32.621	6.1	T__	m_e		
PLONS	4.91	327.5	Pn	19:10:36.843	2.7	T__	m_e		
PLONS	4.91	327.5	Sn	19:11:32.878	6.2	T__	m_e		
DAVA	4.92	332.3	Pn	19:10:36.722	2.3	T__	m_e		
MOA	4.93	8.0	Pn	19:10:35.571	1.1	T__	m_e		
MOA	4.93	8.0	Sn	19:11:31.723	4.5	T__	m_e		
UBR	5.20	336.0	Pn	19:10:41.111	3.0	T__	m_e		
UBR	5.20	336.0	Sn	19:11:39.240	5.7	T__	m_e		
SLE	5.84	326.8	Pn	19:10:46.361	-0.5	T__	m_e		
BALST	5.86	320.0	Pn	19:10:46.623	-0.5	T__	m_e		
BALST	5.86	320.0	Sn	19:11:51.339	2.2	T__	m_e		
GEC2	5.88	2.9	Pn	19:10:47.805	0.4	T__	m_e		
GEC2	5.88	2.9	Sn	19:11:53.033	3.5	T__	m_e		
BERGE	6.05	325.8	Pn	19:10:49.762	0.1	T__	m_e		
BERGE	6.05	325.8	Sn	19:11:54.482	0.9	T__	m_e		
BFO	6.36	329.0	Pn	19:10:55.014	1.1	T__	m_e		
BFO	6.36	329.0	Sn	19:12:03.452	2.5	T__	m_e		
ECH	6.75	323.0	Pn	19:10:58.711	-0.5	T__	m_e		
ROTZ	6.83	354.3	Pn	19:11:01.219	1.0	T__	m_e		
ROTZ	6.83	354.3	Sn	19:12:12.070	0.1	T__	m_e		

Event 61127008 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/27	19:34:28.50	0.08	0.78	42.9873	13.0715	2.7	1.9	050	10.0f		132	26	050			m i ke	LDG	61127018
2016/11/27	19:34:31.17	0.59	1.88	43.0000	13.2190	14.5	12.2	003	10.0f		39	21	300	3.63	6.83	m i ke	BGR	61127008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	26 LDG	61127018
ML	3.6	0.2	6 BGR	61127008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.63	14.6	Pn	19:35:26.089	-0.2					T__				m_e	ML 3.8
KBA	4.08	1.2	Pn	19:35:32.947	0.6					T__				m_e	ML 3.5
KBA	4.08	1.2	Sn	19:36:19.966	3.3					T__				m_e	
WTTA	4.41	345.9	Pn	19:35:38.061	1.2					T__				m_e	ML 3.8
WTTA	4.41	345.9	Sn	19:36:31.410	7.0					T__				m_e	
ARSA	4.55	20.1	Pn	19:35:38.973	0.2					T__				m_e	ML 3.4
ARSA	4.55	20.1	Sn	19:36:30.697	2.9					T__				m_e	
PART	4.73	342.5	Pn	19:35:43.596	2.4					T__				m_e	
PART	4.73	342.5	Sn	19:36:40.753	8.7					T__				m_e	
RJOB	4.75	356.6	Pn	19:35:41.973	0.6					T__				m_e	ML 3.7
RJOB	4.75	356.6	Sn	19:36:36.899	4.5					T__				m_e	



OBER	4.86	336.0	Pn	19:35:45.371	2.4	T__	m_e
OBER	4.86	336.0	Sn	19:36:40.491	5.4	T__	m_e
PLONS	4.87	327.5	Pn	19:35:46.002	2.9	T__	m_e ML 3.3
PLONS	4.87	327.5	Sn	19:36:37.986	2.7	T__	m_e
DAVA	4.89	332.4	Pn	19:35:45.012	1.7	T__	m_e
DAVA	4.89	332.4	Sn	19:36:43.478	7.7	T__	m_e
MOA	4.90	8.2	Pn	19:35:44.058	0.5	T__	m_e
MOA	4.90	8.2	Sn	19:36:41.123	5.0	T__	m_e
UBR	5.17	336.1	Pn	19:35:49.860	2.8	T__	m_e
UBR	5.17	336.1	Sn	19:36:47.992	5.8	T__	m_e
EMING	5.77	329.5	Pn	19:35:57.442	2.1	T__	m_e
EMING	5.77	329.5	Sn	19:37:00.891	4.4	T__	m_e
SULZ	5.78	323.4	Pn	19:35:56.933	1.5	T__	m_e
SULZ	5.78	323.4	Sn	19:36:59.948	3.3	T__	m_e
SLE	5.81	326.8	Pn	19:35:57.012	1.2	T__	m_e
BALST	5.83	320.0	Pn	19:35:56.764	0.7	T__	m_e
BALST	5.83	320.0	Sn	19:37:00.464	2.7	T__	m_e
GEC2	5.85	3.1	Pn	19:35:56.340	-0.1	T__	m_e
GEC2	5.85	3.1	Sn	19:37:02.128	3.7	T__	m_e
BERGE	6.02	325.8	Pn	19:35:59.050	0.4	T__	m_e
BERGE	6.02	325.8	Sn	19:37:03.953	1.7	T__	m_e
BFO	6.33	329.1	Pn	19:36:04.352	1.5	T__	m_e
BFO	6.33	329.1	Sn	19:37:09.743	0.2	T__	m_e
ECH	6.72	323.0	Pn	19:36:07.945	-0.2	T__	m_e
ECH	6.72	323.0	Sn	19:37:20.459	1.8	T__	m_e
ROTZ	6.80	354.5	Pn	19:36:09.484	0.2	T__	m_e
ROTZ	6.80	354.5	Sn	19:37:21.625	0.9	T__	m_e
GRA1	6.83	349.1	Sn	19:37:21.689	0.3	T__	m_e

Event 61127011 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/27	20:58:56.80	0.08	0.88	44.4478	9.7980	2.2	1.5	021	8.0f		148	27	039			m i ke	LDG	61127021
2016/11/27	20:58:57.98	0.68	1.00	44.3650	9.4800	12.2	8.9	055	10.0f		27	16	296	2.68	4.81	m i ke	BGR	61127011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.1	0.0	2 LDG	61127021
ML	3.0	0.3	29 LDG	61127021
ML	2.9	0.2	7 BGR	61127011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.68	358.6	Pn	20:59:42.287	2.0					T__				m_e ML	2.5
PLONS	2.68	358.6	Sn	21:00:14.714	4.0					T__				m_e	
DAVA	2.93	5.3	Pn	20:59:45.345	1.7					T__				m_e ML	2.8
DAVA	2.93	5.3	Sn	21:00:20.734	4.2					T__				m_e	
WILA	3.08	352.8	Pn	20:59:46.862	1.3					T__				m_e ML	3.1
WILA	3.08	352.8	Sn	21:00:24.763	4.9					T__				m_e	
OBER	3.09	10.3	Pn	20:59:47.571	1.8					T__				m_e	
OBER	3.09	10.3	Sn	21:00:23.908	3.6					T__				m_e	
BALST	3.22	337.9	Pn	20:59:49.349	1.8					T__				m_e ML	2.8
BALST	3.22	337.9	Sn	21:00:27.828	4.5					T__				m_e	
WTTA	3.26	26.6	Pn	20:59:48.971	0.8					T__				m_e ML	3.0

SULZ	3.30	343.8	Pn	20:59:50.157	1.5	T__	m_e	ML	2.9
SULZ	3.30	343.8	Sn	21:00:28.758	3.5	T__	m_e		
UBR	3.34	7.3	Pn	20:59:50.457	1.2	T__	m_e	ML	3.0
UBR	3.34	7.3	Sn	21:00:29.208	3.0	T__	m_e		
METMA	3.45	346.2	Pn	20:59:51.274	0.6	T__	m_e		
SLE	3.47	349.0	Pn	20:59:51.321	0.4	T__	m_e		
EMING	3.56	353.1	Pn	20:59:52.150	0.0	T__	m_e		
EMING	3.56	353.1	Sn	21:00:33.737	2.5	T__	m_e		
BERGE	3.62	346.0	Pn	20:59:53.288	0.3	T__	m_e		
BERGE	3.62	346.0	Sn	21:00:33.564	0.9	T__	m_e		
BFO	4.04	349.1	Pn	20:59:59.357	0.7	T__	m_e		
BFO	4.04	349.1	Sn	21:00:43.862	1.2	T__	m_e		
RJOB	4.08	33.1	Pn	21:00:01.222	2.0	T__	m_e		
ECH	4.17	338.2	Pn	21:00:02.045	1.6	T__	m_e		
ECH	4.17	338.2	Sn	21:00:50.055	4.4	T__	m_e		
MOA	4.81	41.9	Pn	21:00:08.770	-0.3	T__	m_e		

Event 61127012 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/27	21:41:14.90	0.13	1.34	42.9199	12.9470	5.2	2.7	040	10.0f		156	33	046			m i ke	LDG	61127022
2016/11/27	21:41:15.08	0.58	1.49	42.8940	13.1260	12.2	10.0	009	10.0f		40	21	301	3.75	6.76	m i ke	BGR	61127012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	32 LDG	61127022
ML	4.2	0.2	5 BGR	61127012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.75	15.1	Pn	21:42:11.575	-0.3					T__				m_e	ML 4.4
KBA	4.19	2.0	Pn	21:42:18.459	0.7					T__				m_e	ML 4.0
KBA	4.19	2.0	Sn	21:43:05.593	2.5					T__				m_e	
WTTA	4.49	347.0	Pn	21:42:23.286	1.4					T__				m_e	ML 4.5
WTTA	4.49	347.0	Sn	21:43:16.602	6.3					T__				m_e	
ARSA	4.67	20.4	Pn	21:42:24.395	0.1					T__				m_e	ML 3.9
ARSA	4.67	20.4	Sn	21:43:16.739	2.2					T__				m_e	
PART	4.81	343.6	Pn	21:42:28.517	2.3					T__				m_e	
PART	4.81	343.6	Sn	21:43:24.327	6.5					T__				m_e	
RJOB	4.85	357.4	Pn	21:42:27.927	1.2					T__				m_e	ML 4.0
RJOB	4.85	357.4	Sn	21:43:24.650	6.0					T__				m_e	
PLONS	4.93	328.8	Pn	21:42:30.434	2.7					T__				m_e	
PLONS	4.93	328.8	Sn	21:43:25.824	5.3					T__				m_e	
OBER	4.93	337.1	Pn	21:42:30.514	2.6					T__				m_e	
OBER	4.93	337.1	Sn	21:43:24.316	3.6					T__				m_e	
DAVA	4.95	333.6	Pn	21:42:29.994	1.9					T__				m_e	
DAVA	4.95	333.6	Sn	21:43:27.884	6.8					T__				m_e	
MOA	5.02	8.8	Pn	21:42:29.546	0.5					T__				m_e	
MOA	5.02	8.8	Sn	21:43:26.918	4.2					T__				m_e	
UBR	5.24	337.1	Pn	21:42:33.754	1.8					T__				m_e	
UBR	5.24	337.1	Sn	21:43:32.778	5.0					T__				m_e	
WILA	5.41	328.1	Pn	21:42:35.794	1.5					T__				m_e	
WILA	5.41	328.1	Sn	21:43:34.564	2.7					T__				m_e	
WALHA	5.61	331.3	Pn	21:42:38.948	1.9					T__				m_e	

SULZ	5.82	324.4	Pn	21:42:41.569	1.6	T__	m_e
SULZ	5.82	324.4	Sn	21:43:46.663	5.1	T__	m_e
SLE	5.86	327.9	Pn	21:42:41.015	0.6	T__	m_e
SLE	5.86	327.9	Sn	21:43:43.201	0.8	T__	m_e
BALST	5.86	321.1	Pn	21:42:41.861	1.4	T__	m_e
BALST	5.86	321.1	Sn	21:43:46.647	4.1	T__	m_e
METMA	5.91	326.3	Pn	21:42:41.726	0.6	T__	m_e
METMA	5.91	326.3	Sn	21:43:45.786	2.2	T__	m_e
GEC2	5.96	3.6	Pn	21:42:41.846	0.0	T__	m_e
GEC2	5.96	3.6	Sn	21:43:47.454	2.6	T__	m_e
BERGE	6.07	326.8	Pn	21:42:43.703	0.5	T__	m_e
BERGE	6.07	326.8	Sn	21:43:50.538	3.2	T__	m_e
BFO	6.39	330.0	Pn	21:42:47.741	0.2	T__	m_e
BFO	6.39	330.0	Sn	21:43:55.309	0.5	T__	m_e
ECH	6.76	324.0	Pn	21:42:52.998	0.3	T__	m_e
ECH	6.76	324.0	Sn	21:44:06.063	2.4	T__	m_e

Event 61128002 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/28	07:53:28.80	0.14	1.05	42.9753	12.9945	5.7	2.7	042	10.0f		96	24	036			m i ke	LDG	61128012
2016/11/28	07:53:30.90	0.67	1.61	42.9520	13.1000	13.3	10.0	164	10.0f		29	16	300	3.70	6.70	m i ke	BGR	61128002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	14 LDG	61128012
ML	3.7	0.2	7 BGR	61128002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.70	15.6	Pn	07:54:26.764	-0.2					T__				m_e	ML 4.0
OBKA	3.70	15.6	Sg	07:55:30.802	2.2					T__				m_e	
KBA	4.13	2.3	Pn	07:54:33.209	0.4					T__				m_e	ML 3.6
KBA	4.13	2.3	Sn	07:55:21.359	3.8					T__				m_e	
WTTA	4.43	347.0	Pn	07:54:38.853	1.9					T__				m_e	ML 4.0
WTTA	4.43	347.0	Sn	07:55:30.942	6.2					T__				m_e	
ARSA	4.63	20.8	Pn	07:54:38.985	-0.5					T__				m_e	ML 3.5
ARSA	4.63	20.8	Sn	07:55:31.244	2.0					T__				m_e	
PLONS	4.87	328.6	Pn	07:54:45.527	2.7					T__				m_e	ML 3.4
PLONS	4.87	328.6	Sn	07:55:40.500	5.6					T__				m_e	
DAVA	4.89	333.5	Pn	07:54:45.752	2.6					T__				m_e	ML 3.7
DAVA	4.89	333.5	Sn	07:55:41.407	5.9					T__				m_e	
MOA	4.97	9.1	Pn	07:54:44.236	0.1					T__				m_e	ML 3.5
MOA	4.97	9.1	Sn	07:55:41.108	3.9					T__				m_e	
UBR	5.17	337.1	Pn	07:54:49.450	2.5					T__				m_e	
SULZ	5.77	324.2	Sn	07:56:00.624	4.6					T__				m_e	
SLE	5.80	327.7	Pn	07:54:55.508	0.1					T__				m_e	
SLE	5.80	327.7	Sn	07:55:57.898	1.1					T__				m_e	
BALST	5.81	320.9	Pn	07:54:57.328	1.8					T__				m_e	
BALST	5.81	320.9	Sn	07:56:02.033	5.0					T__				m_e	
METMA	5.85	326.1	Pn	07:54:57.182	1.0					T__				m_e	
METMA	5.85	326.1	Sn	07:56:00.213	2.1					T__				m_e	
GEC2	5.91	3.8	Sn	07:56:01.790	2.4					T__				m_e	
BERGE	6.01	326.6	Pn	07:54:59.636	1.4					T__				m_e	

BERGE	6.01	326.6	Sn	07:56:02.250	0.5	T__	m_e
BFO	6.33	329.9	Pn	07:55:05.606	3.0	T__	m_e
BFO	6.33	329.9	Sn	07:56:12.010	2.8	T__	m_e
ECH	6.70	323.8	Pn	07:55:07.794	0.1	T__	m_e
ECH	6.70	323.8	Sn	07:56:22.005	3.9	T__	m_e

Event 61128005 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/28	16:21:42.40	0.13	1.02	42.9353	13.1029	4.0	2.6	048	10.0f		92	23	059			m i ke	LDG	61128015
2016/11/28	16:21:45.62	0.64	1.43	43.0880	13.2770	12.2	10.0	171	10.0f		32	19	299	3.54	6.72	m i ke	BGR	61128005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	19 LDG	61128015
ML	3.6	0.2	5 BGR	61128005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.54	14.3	Pn	16:22:39.553	0.1					T__				m_e ML	3.8
KBA	3.99	0.7	Pn	16:22:46.532	0.9					T__				m_e ML	3.5
KBA	3.99	0.7	Sn	16:23:32.650	3.6					T__				m_e	
WTTA	4.33	345.1	Pn	16:22:52.084	1.8					T__				m_e ML	3.8
WTTA	4.33	345.1	Sn	16:23:42.168	5.1					T__				m_e	
ARSA	4.45	20.0	Pn	16:22:52.128	0.2					T__				m_e ML	3.3
ARSA	4.45	20.0	Sn	16:23:43.358	3.5					T__				m_e	
PART	4.66	341.7	Pn	16:22:58.106	3.4					T__				m_e	
OBER	4.80	335.1	Pn	16:22:59.328	2.7					T__				m_e	
OBER	4.80	335.1	Sn	16:23:53.388	5.3					T__				m_e	
MOA	4.81	7.9	Pn	16:22:57.432	0.7					T__				m_e ML	3.4
MOA	4.81	7.9	Sn	16:23:53.752	5.4					T__				m_e	
PLONS	4.82	326.6	Pn	16:22:59.245	2.4					T__				m_e	
PLONS	4.82	326.6	Sn	16:23:53.465	4.9					T__				m_e	
DAVA	4.83	331.5	Pn	16:22:58.670	1.6					T__				m_e	
DAVA	4.83	331.5	Sn	16:23:55.653	6.8					T__				m_e	
WILA	5.31	326.1	Pn	16:23:05.107	1.6					T__				m_e	
SULZ	5.73	322.5	Pn	16:23:11.719	2.5					T__				m_e	
SULZ	5.73	322.5	Sn	16:24:13.713	3.7					T__				m_e	
SLE	5.76	326.0	Pn	16:23:10.293	0.7					T__				m_e	
GEC2	5.76	2.8	Pn	16:23:09.611	-0.1					T__				m_e	
GEC2	5.76	2.8	Sn	16:24:15.010	4.3					T__				m_e	
BALST	5.79	319.2	Pn	16:23:10.037	0.1					T__				m_e	
BERGE	5.97	325.0	Pn	16:23:12.785	0.3					T__				m_e	
BERGE	5.97	325.0	Sn	16:24:16.550	1.0					T__				m_e	
WET	6.06	357.5	Pn	16:23:13.346	-0.4					T__				m_e	
WET	6.06	357.5	Sn	16:24:21.031	3.3					T__				m_e	
BFO	6.28	328.4	Sn	16:24:24.531	1.8					T__				m_e	
ECH	6.67	322.3	Pn	16:23:21.269	-0.7					T__				m_e	
ECH	6.67	322.3	Sn	16:24:35.346	3.3					T__				m_e	
ROTZ	6.72	354.1	Pn	16:23:23.685	1.1					T__				m_e	
ROTZ	6.72	354.1	Sn	16:24:34.648	1.5					T__				m_e	

## Event 61129003 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/29	01:52:59.10	0.10	0.96	42.8082	12.8090	3.6	2.2	039	9.0f		92	25	036			m i ke	LDG	61129013
2016/11/29	01:53:04.36	0.78	1.06	42.9440	12.8030	13.3	8.9	161	10.0f		23	16	299	3.77	6.58	m i ke	BGR	61129003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.3	20 LDG	61129013
ML	3.5	0.2	4 BGR	61129003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.77	18.6	Pn	01:54:01.490	0.1					T__				m_e	ML 3.7
KBA	4.15	5.1	Pn	01:54:07.623	1.1					T__				m_e	ML 3.4
KBA	4.15	5.1	Sn	01:54:55.230	3.7					T__				m_e	
WTTA	4.40	349.6	Pn	01:54:11.376	1.5					T__				m_e	ML 3.6
ARSA	4.71	23.1	Pn	01:54:14.007	-0.2					T__				m_e	ML 3.3
ARSA	4.71	23.1	Sn	01:55:07.945	3.2					T__				m_e	
PLONS	4.76	330.7	Pn	01:54:16.481	1.6					T__				m_e	
PLONS	4.76	330.7	Sn	01:55:09.738	3.8					T__				m_e	
OBER	4.80	339.3	Pn	01:54:18.643	3.3					T__				m_e	
DAVA	4.81	335.6	Pn	01:54:18.414	3.0					T__				m_e	
MOA	5.01	11.3	Pn	01:54:18.502	0.3					T__				m_e	
MOA	5.01	11.3	Sn	01:55:16.843	5.1					T__				m_e	
UBR	5.10	339.1	Pn	01:54:21.867	2.5					T__				m_e	
BALST	5.68	322.4	Pn	01:54:28.171	0.9					T__				m_e	
BALST	5.68	322.4	Sn	01:55:30.802	3.4					T__				m_e	
SLE	5.69	329.4	Pn	01:54:28.113	0.7					T__				m_e	
METMA	5.74	327.7	Pn	01:54:29.145	1.1					T__				m_e	
METMA	5.74	327.7	Sn	01:55:31.307	2.4					T__				m_e	
BERGE	5.90	328.2	Pn	01:54:32.230	2.0					T__				m_e	
GEC2	5.93	5.7	Pn	01:54:30.701	-0.0					T__				m_e	
GEC2	5.93	5.7	Sn	01:55:37.824	4.4					T__				m_e	
BFO	6.23	331.4	Pn	01:54:34.444	-0.2					T__				m_e	
ECH	6.58	325.1	Pn	01:54:38.988	-0.5					T__				m_e	

## Event 61129004 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/29	03:35:34.60	0.17	1.51	42.7020	13.2191	5.4	3.5	045	10.0f		138	36	037			m i ke	LDG	61129014
2016/11/29	03:35:37.25	0.56	1.95	42.7900	13.1640	13.3	11.1	159	10.0f		44	22	301	3.85	7.93	m i ke	BGR	61129004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.5	30 LDG	61129014
ML	3.7	0.3	5 BGR	61129004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.85	14.4	Pn	03:36:34.517	-0.8					T__				m_e	ML 4.0
OBKA	3.85	14.4	Pg	03:36:48.723	-1.1					T__				m_e	
OBKA	3.85	14.4	Sn	03:37:21.598	4.3					T__				m_e	
OBKA	3.85	14.4	Sg	03:37:43.201	3.7					T__				m_e	
KBA	4.29	1.6	Pn	03:36:41.889	0.6					T__				m_e	ML 3.7

KBA	4.29	1.6	Sn	03:37:31.179	3.5	T__	m_e		
WTTA	4.60	347.0	Pn	03:36:47.026	1.5	T__	m_e ML	4.0	
WTTA	4.60	347.0	Sn	03:37:42.304	7.3	T__	m_e		
ARSA	4.76	19.7	Pn	03:36:48.256	0.6	T__	m_e ML	3.3	
ARSA	4.76	19.7	Sn	03:37:39.741	1.0	T__	m_e		
PART	4.92	343.7	Pn	03:36:52.060	2.2	T__	m_e		
PART	4.92	343.7	Sn	03:37:49.492	6.9	T__	m_e		
PLONS	5.03	329.2	Pn	03:36:54.220	2.9	T__	m_e ML	3.5	
PLONS	5.03	329.2	Sn	03:37:50.407	5.3	T__	m_e		
OBER	5.04	337.3	Pn	03:36:53.972	2.5	T__	m_e		
OBER	5.04	337.3	Sn	03:37:52.481	7.1	T__	m_e		
DAVA	5.06	333.9	Pn	03:36:53.388	1.7	T__	m_e		
DAVA	5.06	333.9	Sn	03:37:53.048	7.3	T__	m_e		
MOA	5.12	8.3	Pn	03:36:52.488	-0.0	T__	m_e		
MOA	5.12	8.3	Sn	03:37:50.686	3.5	T__	m_e		
UBR	5.34	337.3	Pn	03:36:58.802	3.2	T__	m_e		
UBR	5.34	337.3	Sn	03:37:58.421	6.0	T__	m_e		
SLE	5.96	328.2	Pn	03:37:04.418	0.5	T__	m_e		
SLE	5.96	328.2	Sn	03:38:09.332	2.3	T__	m_e		
BALST	5.96	321.6	Pn	03:37:05.059	1.1	T__	m_e		
BALST	5.96	321.6	Sn	03:38:09.032	2.0	T__	m_e		
METMA	6.01	326.6	Pn	03:37:04.984	0.3	T__	m_e		
METMA	6.01	326.6	Sn	03:38:10.490	2.3	T__	m_e		
GEC2	6.07	3.3	Pn	03:37:06.504	1.1	T__	m_e		
GEC2	6.07	3.3	Sn	03:38:12.140	2.7	T__	m_e		
BERGE	6.17	327.2	Pn	03:37:07.758	1.0	T__	m_e		
BERGE	6.17	327.2	Sn	03:38:14.058	2.2	T__	m_e		
WET	6.36	358.3	Pn	03:37:08.813	-0.5	T__	m_e		
WET	6.36	358.3	Sn	03:38:17.926	1.6	T__	m_e		
BFO	6.49	330.3	Pn	03:37:12.596	1.5	T__	m_e		
BFO	6.49	330.3	Sn	03:38:24.291	4.9	T__	m_e		
ECH	6.86	324.3	Pn	03:37:16.496	0.3	T__	m_e		
ECH	6.86	324.3	Sn	03:38:29.740	1.6	T__	m_e		
ROTZ	7.01	354.9	Sn	03:38:32.488	0.9	T__	m_e		
MANZ	7.23	354.6	Pn	03:37:23.382	2.2	T__	m_e		
MANZ	7.23	354.6	Sn	03:38:37.423	0.5	T__	m_e		
MILB	7.53	340.6	Sn	03:38:46.952	3.2	T__	m_e		
MOX	7.93	352.9	Pn	03:37:31.269	0.7	T__	m_e		
MOX	7.93	352.9	Sn	03:38:55.760	2.6	T__	m_e		

Event 61129011 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/29	16:14:02.30	0.11	1.13	42.5285	13.3395	3.4	2.4	040	14.0f		148	32	028			m i ke	LDG	61129021
2016/11/29	16:14:06.01	0.61	1.29	42.5890	13.3450	10.0	8.9	000	10.0f		38	19	304	4.01	7.25	m i ke	BGR	61129011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.4	33 LDG	61129021
ML	4.5	0.2	4 BGR	61129011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	4.01	11.9	Pn	16:15:06.197	-0.1					T__				m_e ML	4.7

OBKA	4.01	11.9	Sn	16:15:56.146	6.2	T__	m_e		
KBA	4.49	360.0	Pn	16:15:12.881	0.1	T__	m_e ML	4.4	
KBA	4.49	360.0	Sn	16:16:04.360	3.2	T__	m_e		
WTTA	4.83	346.1	Pn	16:15:18.341	1.0	T__	m_e ML	4.8	
WTTA	4.83	346.1	Sn	16:16:15.549	6.4	T__	m_e		
ARSA	4.91	17.5	Pn	16:15:18.049	-0.4	T__	m_e ML	4.2	
ARSA	4.91	17.5	Sn	16:16:14.381	3.4	T__	m_e		
PLONS	5.27	329.2	Pn	16:15:25.723	2.4	T__	m_e		
PLONS	5.27	329.2	Sn	16:16:26.051	6.5	T__	m_e		
DAVA	5.30	333.6	Pn	16:15:25.914	2.2	T__	m_e		
DAVA	5.30	333.6	Sn	16:16:23.304	3.1	T__	m_e		
MOA	5.30	6.7	Pn	16:15:24.064	0.3	T__	m_e		
MOA	5.30	6.7	Sn	16:16:24.263	4.0	T__	m_e		
UBR	5.58	337.0	Pn	16:15:29.131	1.6	T__	m_e		
UBR	5.58	337.0	Sn	16:16:31.006	4.2	T__	m_e		
FUR	5.76	346.1	Pn	16:15:33.410	3.4	T__	m_e		
FUR	5.76	346.1	Sn	16:16:36.474	5.5	T__	m_e		
WALHA	5.96	331.5	Pn	16:15:35.280	2.6	T__	m_e		
WALHA	5.96	331.5	Sn	16:16:40.680	5.0	T__	m_e		
SULZ	6.17	325.0	Pn	16:15:37.428	1.9	T__	m_e		
SULZ	6.17	325.0	Sn	16:16:44.381	3.8	T__	m_e		
SLE	6.20	328.2	Pn	16:15:37.008	1.0	T__	m_e		
SLE	6.20	328.2	Sn	16:16:45.188	3.8	T__	m_e		
BALST	6.20	321.9	Pn	16:15:36.409	0.4	T__	m_e		
BALST	6.20	321.9	Sn	16:16:44.417	3.0	T__	m_e		
METMA	6.25	326.8	Pn	16:15:37.749	1.1	T__	m_e		
METMA	6.25	326.8	Sn	16:16:45.516	2.9	T__	m_e		
GEC2	6.26	2.2	Pn	16:15:36.150	-0.6	T__	m_e		
GEC2	6.26	2.2	Sn	16:16:46.283	3.5	T__	m_e		
BERGE	6.41	327.2	Pn	16:15:38.871	0.0	T__	m_e		
BERGE	6.41	327.2	Sn	16:16:49.103	2.8	T__	m_e		
WET	6.56	357.3	Pn	16:15:41.246	0.4	T__	m_e		
WET	6.56	357.3	Sn	16:16:52.331	2.4	T__	m_e		
BFO	6.73	330.3	Pn	16:15:44.098	0.9	T__	m_e		
BFO	6.73	330.3	Sn	16:16:55.715	1.9	T__	m_e		
GRA1	7.25	349.1	Pn	16:15:51.300	1.1	T__	m_e		
GRA1	7.25	349.1	Sn	16:17:09.028	2.9	T__	m_e		

Event 61129013 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/29	20:09:39.00	0.10	1.12	51.6012	16.3530	2.6	1.9	173	1.0f		248	36	025			m i sr	LDG	61129033
2016/11/29	20:09:43.00	0.27	0.11	51.6140	15.9820				1.0f			9	348	5.32	6.19	m i ki	BNS	61129023
2016/11/29	20:09:41.44	0.35	0.69	51.5240	16.2160	4.4	2.2	020	1.0f		45	17	202	0.68	3.66	m i ki	BGR	61129013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.6	0.3	47 LDG	61129033
ML	4.2		BNS	61129023
ML	4.3	0.3	16 BGR	61129013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	175.9	Pg	20:09:54.495	0.2					T__				m_e ML	3.5

KSP	0.68	175.9	Sg	20:10:03.415	0.3	T__	m_e	
DPC	1.18	176.7	Pg	20:10:03.238	-0.4	T__	m_e ML	4.5
DPC	1.18	176.7	Sg	20:10:20.932	2.1	T__	m_e	
BRG	1.57	246.3	Pn	20:10:08.669	-0.9	T__	m_e ML	4.0
BRG	1.57	246.3	Pg	20:10:10.677	-0.3	T__	m_e	
BRG	1.57	246.3	Sg	20:10:31.359	0.2	T__	m_e	
FBE	1.89	252.5	Pn	20:10:13.928	-0.1	T__	m_e ML	4.0
FBE	1.89	252.5	Pg	20:10:17.099	0.0	T__	m_e	
FBE	1.89	252.5	Sg	20:10:41.605	0.1	T__	m_e	
MORC	1.94	153.8	Pn	20:10:14.664	-0.0	T__	m_e ML	4.3
MORC	1.94	153.8	Sg	20:10:42.560	-0.5	T__	m_e	
CLL	2.02	265.1	Pn	20:10:14.641	-1.1	T__	m_e ML	4.1
CLL	2.02	265.1	Pg	20:10:18.933	-0.5	T__	m_e	
CLL	2.02	265.1	Sg	20:10:45.725	0.3	T__	m_e	
OKC	2.08	143.3	Pn	20:10:16.150	-0.5	T__	m_e ML	3.8
OKC	2.08	143.3	Pg	20:10:20.888	0.2	T__	m_e	
OKC	2.08	143.3	Sg	20:10:47.265	-0.4	T__	m_e	
OJC	2.61	118.6	Sg	20:11:03.799	-0.5	T__	m_e	
TANN	2.61	246.3	Pn	20:10:24.004	0.2	T__	m_e ML	4.4
TANN	2.61	246.3	Pg	20:10:31.227	0.6	T__	m_e	
TANN	2.61	246.3	Sg	20:11:04.351	-0.0	T__	m_e	
WERD	2.69	247.9	Pn	20:10:24.738	-0.1	T__	m_e ML	4.2
WERD	2.69	247.9	Pg	20:10:32.013	-0.0	T__	m_e	
WERD	2.69	247.9	Sg	20:11:05.823	-0.9	T__	m_e	
MANZ	3.02	241.0	Pn	20:10:29.650	0.3	T__	m_e ML	4.5
MANZ	3.02	241.0	Pg	20:10:38.974	0.6	T__	m_e	
MANZ	3.02	241.0	Sg	20:11:18.367	1.0	T__	m_e	
MOX	3.02	254.9	Pn	20:10:29.104	-0.2	T__	m_e ML	4.7
MOX	3.02	254.9	Pg	20:10:38.084	-0.3	T__	m_e	
MOX	3.02	254.9	Sg	20:11:18.351	1.0	T__	m_e	
ROTZ	3.09	236.9	Pn	20:10:30.492	0.2	T__	m_e ML	4.3
ROTZ	3.09	236.9	Pg	20:10:40.268	0.6	T__	m_e	
ROTZ	3.09	236.9	Sg	20:11:18.306	-1.3	T__	m_e	
GEC2	3.13	212.0	Pn	20:10:30.936	0.2	T__	m_e ML	4.4
GEC2	3.13	212.0	Pg	20:10:40.692	0.4	T__	m_e	
GEC2	3.13	212.0	Sg	20:11:19.482	-1.2	T__	m_e	
WET	3.19	223.1	Pn	20:10:31.834	0.1	T__	m_e ML	4.3
WET	3.19	223.1	Sg	20:11:22.362	-0.5	T__	m_e	
CLZ	3.64	277.3	Pn	20:10:38.559	0.9	T__	m_e ML	4.3
CLZ	3.64	277.3	Pg	20:10:50.160	0.2	T__	m_e	
CLZ	3.64	277.3	Sg	20:11:37.298	0.3	T__	m_e	
GRA1	3.66	241.9	Pn	20:10:38.698	0.7	T__	m_e ML	4.9
GRA1	3.66	241.9	Pg	20:10:51.820	1.4	T__	m_e	
GRA1	3.66	241.9	Sg	20:11:38.834	1.1	T__	m_e	
KOE	5.45	261.7	Pn	20:11:02.400	0.1	---	m_e	
HOBG	5.58	267.9	Pn	20:11:04.400	0.3	---	m_e	
BGG	5.75	260.2	Pn	20:11:06.900	0.5	---	m_e	
LAUG	5.78	271.9	Pn	20:11:06.800	0.1	---	m_e	
STB	5.96	264.7	Pn	20:11:09.300	0.1	---	m_e	
HILG	6.13	262.2	Pn	20:11:12.200	0.6	---	m_e	
KLL	6.28	265.9	Pn	20:11:13.700	0.2	---	m_e	
DREG	6.32	266.1	Pn	20:11:14.300	0.2	---	m_e	
DREG	6.32	266.1	Sn	20:12:24.000	2.6	---	65.5 1.06 m_e	



Event 61130001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2016/11/30	05:52:56.90	0.09	1.36	44.7631	10.6825	2.2	2.0	059	15.0f		269	40	018			m i ke	LDG	61130011
2016/11/30	05:52:57.25	0.41		44.7300	10.6250	7.8	4.4	007	28.8	1.9	77	30	267	2.48	5.69	m i ke	BGR	61130001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.3	40 LDG	61130011
ML	3.9	0.2	22 BGR	61130001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.48	340.0	Pn	05:53:37.148	2.7					T__				m_e ML	3.4
PLONS	2.48	340.0	Pg	05:53:41.880	-2.3					T__				m_e	
PLONS	2.48	340.0	Sn	05:54:07.398	6.0					T__				m_e	
DAVA	2.61	348.8	Pn	05:53:38.868	2.6					T__				m_e ML	3.9
DAVA	2.61	348.8	Pg	05:53:44.789	-1.9					T__				m_e	
DAVA	2.61	348.8	Sn	05:54:11.277	6.7					T__				m_e	
WTTA	2.63	15.1	Pn	05:53:38.188	1.6					T__				m_e ML	3.9
WTTA	2.63	15.1	Sn	05:54:10.608	5.5					T__				m_e	
OBER	2.69	355.2	Pn	05:53:39.730	2.4					T__				m_e	
OBER	2.69	355.2	Pg	05:53:46.144	-2.0					T__				m_e	
OBER	2.69	355.2	Sn	05:54:13.358	6.9					T__				m_e	
ZUGS	2.70	5.1	Pn	05:53:40.308	2.8					T__				m_e	
ZUGS	2.70	5.1	Sn	05:54:13.538	6.9					T__				m_e	
PART	2.79	6.8	Pn	05:53:40.924	2.2					T__				m_e	
PART	2.79	6.8	Pg	05:53:48.859	-1.1					T__				m_e	
PART	2.79	6.8	Sn	05:54:14.895	6.1					T__				m_e	
WILA	2.94	336.7	Pn	05:53:42.312	1.6					T__				m_e ML	4.1
WILA	2.94	336.7	Sn	05:54:17.888	5.6					T__				m_e	
UBR	2.97	353.3	Pn	05:53:43.098	1.9					T__				m_e	
UBR	2.97	353.3	Pg	05:53:52.127	-1.4					T__				m_e	
UBR	2.97	353.3	Sn	05:54:19.183	6.1					T__				m_e	
KBA	3.02	37.9	Pn	05:53:43.383	1.6					T__				m_e ML	3.7
KBA	3.02	37.9	Pg	05:53:51.447	-2.8					T__				m_e	
KBA	3.02	37.9	Sn	05:54:18.014	3.9					T__				m_e	
KBA	3.02	37.9	Sg	05:54:31.815	-1.6					T__				m_e	
WALHA	3.20	341.6	Pn	05:53:45.326	1.1					T__				m_e ML	4.0
WALHA	3.20	341.6	Pg	05:53:55.579	-2.1					T__				m_e	
OBKA	3.27	55.7	Pn	05:53:46.132	0.9					T__				m_e ML	3.9
OBKA	3.27	55.7	Pg	05:53:55.847	-3.2					T__				m_e	
OBKA	3.27	55.7	Sg	05:54:38.734	-2.7					T__				m_e	
SULZ	3.30	329.0	Pn	05:53:46.918	1.3					T__				m_e ML	4.2
SULZ	3.30	329.0	Pg	05:53:57.489	-2.1					T__				m_e	
SULZ	3.30	329.0	Sn	05:54:23.730	3.0					T__				m_e	
SULZ	3.30	329.0	Sg	05:54:41.993	-0.3					T__				m_e	
BALST	3.31	323.1	Pn	05:53:46.809	1.1					T__				m_e ML	4.0
BALST	3.31	323.1	Sn	05:54:24.312	3.4					T__				m_e	
RJOB	3.36	25.8	Pn	05:53:48.378	1.9					T__				m_e ML	3.8
RJOB	3.36	25.8	Pg	05:53:59.907	-0.9					T__				m_e	
RJOB	3.36	25.8	Sn	05:54:29.954	7.7					T__				m_e	
SLE	3.37	334.9	Pn	05:53:47.427	0.7					T__				m_e ML	4.0
EMING	3.39	339.4	Pn	05:53:47.734	0.8					T__				m_e ML	3.8
EMING	3.39	339.4	Sn	05:54:26.577	3.5					T__				m_e	
METMA	3.40	332.0	Pn	05:53:47.586	0.5					T__				m_e ML	3.7

METMA	3.40	332.0	Pg	05:53:59.681	-1.9	T__						m_e	
METMA	3.40	332.0	Sn	05:54:26.891	3.6	T__						m_e	
METMA	3.40	332.0	Sg	05:54:43.067	-2.6	T__						m_e	
FUR	3.46	7.2	Pn	05:53:49.084	1.2	T__						m_e ML	4.1
FUR	3.46	7.2	Pg	05:54:00.146	-2.5	T__						m_e	
FUR	3.46	7.2	Sn	05:54:29.522	4.9	T__						m_e	
BERGE	3.57	332.6	Pn	05:53:50.254	1.0	T__						m_e ML	3.7
BERGE	3.57	332.6	Pg	05:54:02.276	-2.4	T__						m_e	
BERGE	3.57	332.6	Sn	05:54:29.779	2.7	T__						m_e	
BERGE	3.57	332.6	Sg	05:54:48.503	-2.4	T__						m_e	
BFO	3.93	337.1	Pn	05:53:55.223	1.0	T__						m_e ML	3.8
BFO	3.93	337.1	Pg	05:54:09.494	-2.0	T__						m_e	
BFO	3.93	337.1	Sn	05:54:37.809	2.2	T__						m_e	
NORI	3.99	360.0	Pn	05:53:55.082	0.0	T__						m_e	
NORI	3.99	360.0	Sn	05:54:40.087	3.0	T__						m_e	
MOA	4.01	37.6	Pn	05:53:56.379	1.1	T__						m_e ML	3.7
MOA	4.01	37.6	Sn	05:54:42.739	5.3	T__						m_e	
ECH	4.22	326.8	Pn	05:53:59.414	1.2	T__						m_e	
ECH	4.22	326.8	Sn	05:54:44.702	2.2	T__						m_e	
ARSA	4.23	51.7	Pn	05:53:58.546	0.2	T__						m_e ML	3.4
GEC2	4.62	26.0	Pn	05:54:03.939	0.3	T__						m_e ML	3.8
GEC2	4.62	26.0	Sn	05:54:54.980	3.1	T__						m_e	
WET	4.67	18.4	Pn	05:54:04.862	0.6	T__						m_e ML	3.8
WET	4.67	18.4	Sn	05:54:56.676	3.6	T__						m_e	
KTD	4.91	340.2	Pn	05:54:09.167	1.7	T__						m_e	
GRA1	4.98	4.5	Pn	05:54:08.664	0.2	T__						m_e ML	4.2
GRA1	4.98	4.5	Pg	05:54:28.299	-2.9	T__						m_e	
GRA1	4.98	4.5	Sn	05:55:03.731	3.4	T__						m_e	
ROTZ	5.15	11.5	Pn	05:54:10.408	-0.3	T__						m_e ML	3.7
ROTZ	5.15	11.5	Pg	05:54:31.239	-3.2	T__						m_e	
ROTZ	5.15	11.5	Sn	05:55:06.120	1.8	T__						m_e	
ROTZ	5.15	11.5	Sg	05:55:37.438	-3.6	T__						m_e	
TNS	5.69	345.8	Pn	05:54:19.230	1.2	T__						m_e	
TNS	5.69	345.8	Sn	05:55:18.949	2.0	T__						m_e	

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

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