

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 91001005 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/01	22:24:20.00	0.38	1.06	45.4833	14.3309	7.3	5.7	079	2.0	0.0	103	30	285			m i ke	LDG	91001025
2019/10/01	22:24:18.67	0.35	1.83	45.5466	14.3723	3.7	1.7	166	20.0	0.0	46	12	017			m i uk	ZAMG	91001015
2019/10/01	22:24:20.48	0.55		45.6490	14.3970	3.3	2.2	165	4.2	2.4	48	28	235	0.87	6.06	m i ke	BGR	91001005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.3	29 LDG	91001025
ML	3.8	0.3	22 ZAMG	91001015
ML	3.6	0.5	27 BGR	91001005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
OBKA	0.87	6.9	Pg	22:24:36.768	-0.1					T__				m_e	ML	3.2
KBA	1.60	333.4	Pn	22:24:48.616	-0.2					T__				m_e	ML	3.1
KBA	1.60	333.4	Sg	22:25:12.085	0.7					T__				m_e		
ARSA	1.78	25.4	Pn	22:24:50.345	-0.8					T__				m_e	ML	2.8
ARSA	1.78	25.4	Pg	22:24:53.245	-0.8					T__				m_e		
ARSA	1.78	25.4	Sn	22:25:12.429	-0.6					T__				m_e		
ARSA	1.78	25.4	Sg	22:25:16.548	-0.5					T__				m_e		
MOA	2.20	357.7	Pn	22:24:56.905	-0.0					T__				m_e	ML	2.7
MOA	2.20	357.7	Sn	22:25:22.280	-0.7					T__				m_e		
RJOB	2.36	332.8	Pn	22:24:59.457	0.4					T__				m_e	ML	3.2
WTTA	2.49	311.3	Pn	22:25:01.291	0.4					T__				m_e	ML	3.8
SOP	2.52	35.3	Pn	22:25:00.528	-0.6					T__				m_e	ML	3.6
SOP	2.52	35.3	Sn	22:25:29.852	-0.5					T__				m_e		
SOP	2.52	35.3	Sg	22:25:41.217	0.8					T__				m_e		
GEC2	3.23	351.9	Pn	22:25:10.528	-0.3					T__				m_e	ML	3.3
GEC2	3.23	351.9	Sn	22:25:47.033	-0.1					T__				m_e		
GEC2	3.23	351.9	Sg	22:26:03.013	-0.1					T__				m_e		
FUR	3.30	320.8	Pn	22:25:12.653	0.9					T__				m_e	ML	4.1
FUR	3.30	320.8	Pg	22:25:22.149	-0.5					T__				m_e		
FUR	3.30	320.8	Sg	22:26:05.400	0.2					T__				m_e		
DAVA	3.51	299.4	Pn	22:25:15.170	0.5					T__				m_e	ML	4.0
DAVA	3.51	299.4	Sn	22:25:53.732	-0.1					T__				m_e		
UBR	3.58	306.2	Pn	22:25:15.515	-0.0					T__				m_e	ML	4.1
UBR	3.58	306.2	Sn	22:25:54.838	-0.4					T__				m_e		
WET	3.64	344.2	Pn	22:25:15.931	-0.5					T__				m_e	ML	3.5
WET	3.64	344.2	Sn	22:25:56.775	-0.1					T__				m_e		
PLONS	3.73	293.8	Pn	22:25:18.074	0.4					T__				m_e	ML	3.3
PLONS	3.73	293.8	Sn	22:25:58.941	-0.0					T__				m_e		
WILA	4.17	297.0	Pn	22:25:23.985	0.4					T__				m_e	ML	4.0
WILA	4.17	297.0	Sn	22:26:09.761	0.6					T__				m_e		
ROTZ	4.37	341.1	Pn	22:25:25.648	-0.7					T__				m_e	ML	3.0
ROTZ	4.37	341.1	Sn	22:26:12.885	-1.1					T__				m_e		
PSZ	4.39	56.9	Pn	22:25:27.301	0.7					T__				m_e	ML	3.5
PSZ	4.39	56.9	Sn	22:26:15.146	0.7					T__				m_e		
SLE	4.57	299.7	Pn	22:25:28.104	-0.9					T__				m_e	ML	4.5
SLE	4.57	299.7	Sn	22:26:17.679	-0.9					T__				m_e		
GRA1	4.57	333.3	Pn	22:25:28.842	-0.2					T__				m_e	ML	3.9
MANZ	4.60	341.3	Pn	22:25:28.637	-0.8					T__				m_e	ML	2.9

MANZ	4.60	341.3	Sn	22:26:19.474	0.1	T__	m_e		
SULZ	4.71	295.8	Sn	22:26:21.624	-0.3	T__	m_e ML	4.7	
BALST	4.91	292.5	Pn	22:25:33.005	-0.6	T__	m_e ML	3.8	
BFO	4.93	305.1	Pn	22:25:33.054	-0.8	T__	m_e ML	3.7	
TANN	4.94	345.5	Pn	22:25:33.290	-0.7	T__	m_e ML	3.5	
PLN	5.06	343.6	Pn	22:25:35.742	0.1	T__	m_e ML	3.2	
BRG	5.23	356.9	Pn	22:25:36.843	-1.2	T__	m_e ML	3.3	
MOX	5.33	340.6	Pn	22:25:38.444	-0.8	T__	m_e ML	3.8	
CLL	5.73	351.2	Pn	22:25:44.422	-0.4	T__	m_e		
TNS	6.06	321.1	Pn	22:25:49.129	-0.1	T__	m_e ML	3.8	

Event 91002006 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/02	01:46:34.73	0.31	0.71	50.2071	12.3867	2.8	1.9	058	7.1	2.7	31	6	013			m i uk	ZAMG	91002026
2019/10/02	01:46:34.95	0.17		50.2500	12.4500	2.2	1.1	083	10.0	1.5	54	28	046	0.06	1.81	m i ke	BGR	91002016
2019/10/02	01:46:35.60	0.29	0.11	50.2540	12.4400				6.9	0.9	32	16	095	0.05	0.51	m i ke	CLL	91002006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.2	7 ZAMG	91002026
ML	2.1	0.3	7 BGR	91002016
ML	2.2	0.4	11 CLL	91002006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
VACW	0.05	244.4	Pg	01:46:37.070	0.0					T__				m_i	
VACW	0.05	244.4	Sg	01:46:38.260	0.2					T__				m_i	
STCW	0.05	84.3	Pg	01:46:37.110	-0.0					T__				m_i	
STCW	0.05	84.3	Sg	01:46:38.260	0.1					T__				m_i	
WERN	0.05	309.3	Pg	01:46:37.260	0.1					T__				m_i ML	2.6
WERN	0.05	309.3	Sg	01:46:38.570	0.4					T__		2448.8	0.21	m_i	
KVCW	0.07	135.0	Pg	01:46:37.260	-0.1					T__				m_i	
KVCW	0.07	135.0	Sg	01:46:38.550	0.0					T__				m_i	
ROHR	0.08	256.2	Pg	01:46:37.480	-0.0					T__				m_i ML	2.5
ROHR	0.08	256.2	Sg	01:46:38.920	0.1					T__		1484.4	0.10	m_e	
GUNZ	0.13	327.7	Pg	01:46:38.330	0.0					T__				m_i ML	2.1
GUNZ	0.13	327.7	Sg	01:46:40.270	0.1					T__		465.7	0.18	m_i	
MULD	0.16	352.5	Pg	01:46:38.730	-0.1					T__				m_i ML	2.2
MULD	0.16	352.5	Sg	01:46:40.920	-0.1					T__		530.6	0.19	m_i	
TANN	0.16	4.9	Pg	01:46:38.710	-0.2					T__				m_i ML	2.3
TANN	0.16	4.9	Sg	01:46:40.910	-0.2					T__		563.5	0.20	m_i	
LAEN	0.18	246.5	Pg	01:46:39.020	-0.1					T__				m_i ML	2.8
LAEN	0.18	246.5	Sg	01:46:41.510	-0.1					T__		1784.0	0.21	m_i	
WERD	0.21	336.3	Pg	01:46:39.650	-0.1					T__				m_i ML	1.8
WERD	0.21	336.3	Sg	01:46:42.430	-0.2					T__		168.3	0.24	m_e	
TRIB	0.22	297.0	Pg	01:46:39.700	-0.2					T__				m_i ML	1.7
TRIB	0.22	297.0	Sg	01:46:42.700	-0.1					T__		128.0	0.10	m_i	
VIEL	0.23	252.5	Pg	01:46:39.820	-0.2					T__				m_i	
VIEL	0.23	252.5	Sg	01:46:42.890	-0.2					T__				m_i	
LACW	0.24	149.7	Pg	01:46:40.110	-0.1					T__				m_i	
LACW	0.24	149.7	Sg	01:46:43.370	0.0					T__				m_i	
PLN	0.29	322.2	Pg	01:46:41.150	-0.1					T__				m_i ML	1.9

PLN	0.29	322.2	Sg	01:46:45.040	-0.1	T__	140.3	0.19	m_i										
SCHF	0.42	356.8	Pg	01:46:43.490	-0.2	T__			m_i	ML	2.4								
SCHF	0.42	356.8	Sg	01:46:49.170	-0.0	T__	325.3	0.24	m_i										
GRZ1	0.46	342.3	Pg	01:46:44.100	-0.2	T__			m_i	ML	1.9								
GRZ1	0.46	342.3	Sg	01:46:49.970	-0.3	T__	85.2	0.22	m_i										
ROTZ	0.51	197.2	Pg	01:46:44.963	-0.3	---			m_e										
ROTZ	0.51	197.2	Sg	01:46:51.479	-0.4	---			m_e										
ZEU	0.51	324.9	Pg	01:46:45.090	-0.2	---			m_i										
ZEU	0.51	324.9	Sg	01:46:51.550	-0.4	---			m_e										
HKWD	0.59	349.3	Pg	01:46:46.599	-0.1	---			m_e										
HKWD	0.59	349.3	Sg	01:46:53.618	-0.7	---			m_e										
MOX	0.65	307.0	Pg	01:46:47.791	-0.2	---			m_e	ML	1.6								
MOX	0.65	307.0	Sg	01:46:56.259	-0.2	---			m_e										
HWTS	0.70	299.1	Pg	01:46:48.551	-0.4	---			m_e										
ABG1	0.72	6.9	Pg	01:46:48.867	-0.3	---			m_e										
ABG1	0.72	6.9	Sg	01:46:57.986	-0.5	---			m_e										
TAUT	0.86	327.8	Pg	01:46:51.745	-0.1	---			m_e										
TAUT	0.86	327.8	Sg	01:47:02.936	-0.1	---			m_e										
FBE	0.88	40.7	Pg	01:46:52.151	-0.2	---			m_e	ML	1.8								
FBE	0.88	40.7	Sg	01:47:03.128	-0.6	---			m_e										
GRA1	0.96	234.8	Pg	01:46:53.557	-0.2	---			m_e	ML	2.3								
GRA1	0.96	234.8	Sg	01:47:05.701	-0.6	---			m_e										
NEUB	1.04	336.5	Pg	01:46:55.179	-0.1	---			m_e										
NEUB	1.04	336.5	Sg	01:47:09.007	0.2	---			m_e										
CLL	1.11	18.4	Pg	01:46:56.119	-0.5	---			m_e	ML	2.2								
CLL	1.11	18.4	Sg	01:47:10.259	-0.7	---			m_e										
BRG	1.14	56.5	Pg	01:46:56.692	-0.4	---			m_e	ML	2.3								
BRG	1.14	56.5	Sg	01:47:11.481	-0.3	---			m_e										
WET	1.15	165.5	Pg	01:46:56.539	-0.7	---			m_e	ML	2.3								
WET	1.15	165.5	Sg	01:47:10.831	-1.2	---			m_e										
KHC	1.34	146.3	Pg	01:46:59.509	-1.4	---			m_e										
PRU	1.37	100.3	Pg	01:47:00.499	-1.0	---			m_e										
PRU	1.37	100.3	Sg	01:47:19.008	-0.3	---			m_e										
MUHB	1.41	357.5	Pg	01:47:02.104	-0.0	---			m_e										
MUHB	1.41	357.5	Sg	01:47:19.905	-0.4	---			m_e										
GEC2	1.63	149.4	Pg	01:47:05.155	-1.2	---			m_e										
GEC2	1.63	149.4	Sg	01:47:26.091	-1.3	---			m_e										
CHRS	1.70	323.6	Pn	01:47:03.997	-0.9	---			m_e										
CHRS	1.70	323.6	Pg	01:47:07.468	-0.1	---			m_e										
SONN	1.80	316.0	Pn	01:47:05.818	-0.5	---			m_e										
SONN	1.80	316.0	Pg	01:47:09.478	-0.1	---			m_e										

Event 91003006 La Chaux-de-Fonds/CH, French-Swiss border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/03	16:31:26.10	0.05	0.29	47.0066	6.8228	1.1	0.7	095	9.0f		60	18	135			m i ke	LDG	91003016
2019/10/03	16:31:25.80	0.76		47.0250	6.8070	4.4	2.2	049	13.1	4.1	28	14	271	0.68	2.90	m i ke	BGR	91003006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	20 LDG	91003016
ML	2.1	0.4	8 BGR	91003006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.68	62.4	Pg	16:31:38.859	0.1					T__				m_e	ML 1.7
SULZ	1.02	59.9	Pn	16:31:45.105	-0.0					T__				m_e	ML 2.5
SULZ	1.02	59.9	Pg	16:31:45.448	0.3					T__				m_e	
SULZ	1.02	59.9	Sg	16:31:58.993	0.6					T__				m_e	
METMA	1.20	54.4	Pg	16:31:48.524	0.1					T__				m_e	ML 1.7
METMA	1.20	54.4	Sg	16:32:03.952	-0.0					T__				m_e	
ECH	1.21	11.1	Pn	16:31:47.785	-0.0					T__				m_e	ML 1.9
ECH	1.21	11.1	Pg	16:31:49.145	0.3					T__				m_e	
ECH	1.21	11.1	Sn	16:32:03.693	0.3					T__				m_e	
ECH	1.21	11.1	Sg	16:32:05.163	0.6					T__				m_e	
BERGE	1.26	47.1	Pg	16:31:49.693	0.1					T__				m_e	ML 1.8
BERGE	1.26	47.1	Sg	16:32:05.745	-0.1					T__				m_e	
SLE	1.36	56.4	Pg	16:31:51.605	0.1					T__				m_e	ML 2.8
SLE	1.36	56.4	Sg	16:32:09.185	-0.0					T__				m_e	
WILA	1.48	74.0	Pg	16:31:54.031	0.3					T__				m_e	ML 2.4
WILA	1.48	74.0	Sg	16:32:13.410	0.5					T__				m_e	
EMING	1.63	57.0	Pg	16:31:56.373	-0.2					T__				m_e	
EMING	1.63	57.0	Sg	16:32:17.373	-0.4					T__				m_e	
BFO	1.66	37.6	Pn	16:31:53.163	-0.7					T__				m_e	
BFO	1.66	37.6	Pg	16:31:57.079	-0.1					T__				m_e	
BFO	1.66	37.6	Sg	16:32:18.234	-0.4					T__				m_e	
WALHA	1.73	64.3	Pg	16:31:58.200	-0.3					T__				m_e	
PLONS	1.75	88.3	Pg	16:31:58.828	-0.1					T__				m_e	ML 1.9
PLONS	1.75	88.3	Sg	16:32:21.521	-0.1					T__				m_e	
DAVA	2.11	81.7	Pg	16:32:05.499	-0.0					T__				m_e	
DAVA	2.11	81.7	Sg	16:32:33.164	0.4					T__				m_e	
RIVT	2.68	359.4	Sg	16:32:50.930	-0.2					T__				m_e	
ABH	2.90	9.5	Sg	16:32:57.440	-0.5					T__				m_e	

Event 91003004 Hirschbach, S of Susice/CR, German-Czech border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/03	19:54:57.57	0.42	1.46	49.1196	13.3649	3.3	2.2	173	2.0	0.0	35	10	007			m i uk	ZAMG	91003014
2019/10/03	19:54:57.62	0.19	0.37	49.1590	13.3590	2.2	1.1	014	2.0f		30	16	065	0.15	2.62	m i ke	BGR	91003004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	10 ZAMG	91003014
ML	2.1	0.3	13 BGR	91003004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KHC	0.15	101.0	Pg	19:55:00.500	0.1					T__				m_e	
KHC	0.15	101.0	Sg	19:55:02.442	0.2					T__				m_e	
WET	0.31	267.5	Pg	19:55:03.535	-0.0					T__				m_e	
WET	0.31	267.5	Sg	19:55:07.559	-0.1					T__				m_e	
GEC2	0.39	144.3	Pg	19:55:04.979	0.1					T__				m_e	ML 1.9
GEC2	0.39	144.3	Sg	19:55:10.032	0.1					T__				m_e	
CKRC	0.71	118.2	Pg	19:55:10.853	-0.1					T__				m_e	ML 1.9
CKRC	0.71	118.2	Sg	19:55:20.003	-0.2					T__				m_e	
ROTZ	0.96	309.5	Pg	19:55:15.592	-0.2					T__				m_e	ML 1.9



TRIB	1.44	327.3	Pn	20:04:19.197	0.2	T__	m_e
TRIB	1.44	327.3	Pg	20:04:19.717	-0.0	T__	m_e
TRIB	1.44	327.3	Sg	20:04:38.446	0.2	T__	m_e

Event 91008001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/08	00:52:10.78	2.18	2.48	51.5023	16.0554	12.8	9.5	001	0.0	0.0	10	0	311			m i sr	ZAMG	91008011
2019/10/08	00:52:14.50	0.31	0.53	51.4170	16.0650	3.3	1.1	015	1.0f		43	18	196	0.59	3.56	m i ki	BGR	91008001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	14 ZAMG	91008011
ML	3.1	0.3	17 BGR	91008001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.59	165.9	Pg	00:52:26.149	0.5					T__				m_e ML	2.2
KSP	0.59	165.9	Sg	00:52:33.475	0.2					T__				m_e	
DPC	1.08	171.3	Pg	00:52:35.042	0.2					T__				m_e ML	3.3
DPC	1.08	171.3	Sg	00:52:48.822	0.0					T__				m_e	
BRG	1.44	248.6	Pn	00:52:41.179	0.2					T__				m_e ML	2.9
BRG	1.44	248.6	Sg	00:53:00.987	0.8					T__				m_e	
FBE	1.77	254.8	Pn	00:52:45.922	0.5					T__				m_e ML	2.8
FBE	1.77	254.8	Pg	00:52:47.314	-0.6					T__				m_e	
FBE	1.77	254.8	Sg	00:53:11.168	0.4					T__				m_e	
MORC	1.89	149.7	Pn	00:52:46.548	-0.5					T__				m_e ML	3.3
MORC	1.89	149.7	Sg	00:53:14.367	-0.2					T__				m_e	
CLL	1.92	267.9	Pn	00:52:46.470	-0.9					T__				m_e ML	3.0
CLL	1.92	267.9	Sg	00:53:15.450	0.1					T__				m_e	
OKC	2.06	139.3	Pn	00:52:49.381	0.0					T__				m_e ML	2.7
OKC	2.06	139.3	Pg	00:52:52.825	-0.5					T__				m_e	
OKC	2.06	139.3	Sg	00:53:19.512	-0.4					T__				m_e	
TANN	2.48	247.6	Pn	00:52:55.536	0.4					T__				m_e ML	3.1
TANN	2.48	247.6	Pg	00:53:02.020	0.7					T__				m_e	
TANN	2.48	247.6	Sg	00:53:32.919	-0.4					T__				m_e	
WERD	2.56	249.2	Pn	00:52:56.251	0.1					T__				m_e ML	3.2
WERD	2.56	249.2	Pg	00:53:03.268	0.5					T__				m_e	
WERD	2.56	249.2	Sg	00:53:35.258	-0.5					T__				m_e	
OJC	2.64	115.5	Pn	00:52:56.704	-0.6					T__				m_e ML	3.2
OJC	2.64	115.5	Pg	00:53:03.943	-0.4					T__				m_e	
OJC	2.64	115.5	Sg	00:53:39.719	1.2					T__				m_e	
MANZ	2.89	241.8	Pn	00:53:01.354	0.8					T__				m_e ML	3.3
MANZ	2.89	241.8	Sg	00:53:45.524	-0.6					T__				m_e	
MOX	2.90	256.3	Pn	00:53:01.019	0.2					T__				m_e ML	3.3
MOX	2.90	256.3	Pg	00:53:08.584	-0.6					T__				m_e	
MOX	2.90	256.3	Sg	00:53:47.060	0.4					T__				m_e	
ROTZ	2.95	237.5	Pn	00:53:01.696	0.2					T__				m_e ML	3.1
ROTZ	2.95	237.5	Pg	00:53:10.359	0.2					T__				m_e	
GEC2	2.98	211.4	Pn	00:53:02.645	0.7					T__				m_e ML	3.2
WET	3.05	223.1	Pn	00:53:03.320	0.5					T__				m_e ML	3.1
WET	3.05	223.1	Sg	00:53:51.878	0.4					T__				m_e	
NIE	3.36	124.8	Pg	00:53:17.328	-0.6					T__				m_e	

NIE	3.36	124.8	Sg	00:54:00.938	-0.4	T__	m_e												
GRA1	3.53	242.6	Pn	00:53:09.886	0.6	T__	m_e ML	3.7											
GRA1	3.53	242.6	Pg	00:53:21.689	0.7	T__	m_e												
GRA1	3.53	242.6	Sg	00:54:06.422	-0.1	T__	m_e												
CLZ	3.56	279.1	Pn	00:53:09.740	0.0	T__	m_e ML	3.3											
CLZ	3.56	279.1	Pg	00:53:21.777	0.2	T__	m_e												
CLZ	3.56	279.1	Sg	00:54:07.057	-0.5	T__	m_e												

Event 91009003 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/09	19:00:01.85	0.33	1.23	47.7654	9.1446	4.1	1.8	031	9.5	0.0	25	8	014			m i uk	ZAMG	91009043
2019/10/09	19:00:02.10	0.06	0.44	47.7455	9.1049	1.2	1.0	038	2.0	0.0	64	12	056			m i ke	LDG	91009033
2019/10/09	19:00:02.47	0.48	0.44	47.7530	9.0920				1.5	2.5	19	10	203	0.31	0.88	m i ke	BUG	91009023
2019/10/09	19:00:02.49	0.23	0.39	47.7460	9.0920	2.2	1.1	171	5.0f		26	13	106	0.02	1.52	m i ke	BGR	91009013
2019/10/09	19:00:01.96	0.11	0.29	47.7440	9.1040	1.6	1.1	356	3.0f		46	28	052	0.02	1.30	m i ke	LED	91009003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	8 ZAMG	91009043
ML	2.3	0.3	12 LDG	91009033
MD	2.2	0.2	7 BUG	91009023
ML	2.2	0.1	7 BUG	91009023
ML	1.9	0.4	11 BGR	91009013
ML	1.7	0.2	28 LED	91009003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WALHA	0.02	55.6	Pg	19:00:02.410	-0.1					T__				m_i	
WALHA	0.02	55.6	Sg	19:00:03.140	0.2					T__				m__	
STEIN	0.17	244.9	Pg	19:00:05.560	0.3					T__				mci ML	1.7
STEIN	0.17	244.9	Sg	19:00:08.570	1.0					T__				m__	
EMING	0.23	311.3	Pg	19:00:06.570	0.3					T__				m__ ML	1.6
EMING	0.23	311.3	Sg	19:00:10.290	1.0					T__				m__	
ROMAN	0.24	138.9	Pg	19:00:06.590	0.1					T__				m__ ML	1.5
ROMAN	0.24	138.9	Sg	19:00:10.290	0.7					T__				m__	
A103D	0.31	79.1	Pg	19:00:07.960	0.2					T__				m__ ML	1.5
A103D	0.31	79.1	Sg	19:00:12.630	0.9					T__				m__	
GUT	0.33	1.3	Pg	19:00:08.280	0.1					T__				mc_ ML	2.0
GUT	0.33	1.3	Sg	19:00:13.190	0.8					T__				m__	
TETT	0.35	103.6	Pg	19:00:08.920	0.3					T__				m__ ML	1.4
TETT	0.35	103.6	Sg	19:00:14.360	1.1					T__				m__	
WILA	0.35	202.0	Pg	19:00:08.930	0.3					T__				m__ ML	1.8
WILA	0.35	202.0	Sg	19:00:14.410	1.1					T__				m__	
A102A	0.40	9.1	Pg	19:00:09.730	0.2					---				m__ ML	1.7
A102A	0.40	9.1	Sg	19:00:15.690	1.0					---		0.2		m__	
SLE	0.41	273.3	Pg	19:00:09.850	0.1					T__				mc_ ML	1.6
SLE	0.41	273.3	Sg	19:00:15.580	0.5					T__				m__	
MSS	0.44	347.7	Sg	19:00:17.100	1.0					T__				m__ ML	1.5
FREU	0.49	2.5	Pg	19:00:11.390	0.1					T__				m__ ML	1.6
FREU	0.49	2.5	Sg	19:00:18.590	1.0					T__				m__	
ROTE	0.50	324.8	Sg	19:00:18.550	0.6					T__				m__ ML	1.5
LIENZ	0.52	149.4	Pg	19:00:12.220	0.5					T__				m__ ML	1.4

LIENZ	0.52	149.4	Sg	19:00:20.000	1.5	T__	m__												
A101B	0.53	315.4	Pg	19:00:12.430	0.5	___	m__ ML												1.8
A101B	0.53	315.4	Sg	19:00:19.360	0.6	___	m__	0.1											
METMA	0.57	267.1	Pg	19:00:12.750	-0.0	T__	m__ ML												1.7
METMA	0.57	267.1	Sg	19:00:20.520	0.3	T__	m__												
BERGE	0.63	281.9	Pg	19:00:14.060	0.1	T__	mc_ ML												1.8
BERGE	0.63	281.9	Sg	19:00:22.670	0.5	T__	m__												
UBR	0.68	95.0	Pg	19:00:15.230	0.5	T__	mc_ ML												1.7
UBR	0.68	95.0	Sg	19:00:24.854	1.3	___	m_e												
DAVA	0.70	130.8	SmS	19:00:29.570	0.2	___	m__ ML												1.7
SULZ	0.70	252.5	Pg	19:00:15.440	0.2	T__	m__ ML												1.7
SULZ	0.70	252.5	PmP	19:00:17.650	-0.7	T__	m__												
SULZ	0.70	252.5	Sg	19:00:24.990	0.7	T__	m__												
A100A	0.72	350.6	Pg	19:00:16.230	0.7	___	m__ ML												2.1
A100A	0.72	350.6	Sg	19:00:25.680	0.9	T__	m__												
A100A	0.72	350.6	SmS	19:00:28.660	-1.4	T__	m__												
BUCH	0.72	13.2	Sg	19:00:25.910	0.9	T__	m__ ML												1.9
BUCH	0.72	13.2	SmS	19:00:29.220	-0.9	T__	m__												
A109A	0.74	18.6	Pg	19:00:17.400	1.5	___	m__ ML												2.1
A109A	0.74	18.6	Sg	19:00:26.400	1.0	___	m__	0.2											
FELD	0.75	280.6	SmS	19:00:29.380	-1.5	T__	m__ ML												2.2
A108A	0.78	38.6	Pg	19:00:17.100	0.5	___	m__												
A108A	0.78	38.6	Sg	19:00:27.690	1.1	___	m__	0.4											
A107D	0.78	69.1	Sg	19:00:28.000	1.2	___	m__												
BFO	0.78	318.8	Pg	19:00:17.392	0.7	___	m_e ML												2.3
BFO	0.78	318.8	Sg	19:00:27.246	0.4	___	m_e												
BFO	0.78	318.8	SmS	19:00:30.110	-1.6	T__	m__												
KIZ	0.82	285.4	SmS	19:00:30.920	-1.9	T__	m__ ML												2.2
A105A	0.87	112.3	Pg	19:00:20.590	2.2	___	m__ ML												2.1
A105A	0.87	112.3	SmS	19:00:31.420	-2.6	___	m__	0.1											
ENDD	0.92	268.7	Pg	19:00:19.470	0.2	T__	m__ ML												2.4
ENDD	0.92	268.7	Sg	19:00:31.620	0.4	T__	m__												
ENDD	0.92	268.7	SmS	19:00:33.720	-1.7	___	m__												
VOGT	1.02	289.9	SmS	19:00:36.840	-1.3	T__	m__ ML												2.3
BALST	1.03	247.3	Pg	19:00:21.835	0.4	___	m_e ML												2.0
BALST	1.03	247.3	Sg	19:00:35.480	0.6	___	m_e												
GALG	1.06	348.5	Sg	19:00:35.880	0.1	T__	m__ ML												1.9
HDH	1.12	40.8	PmP	19:00:23.850	-1.3	___	m__ ML												2.2
HDH	1.12	40.8	SmS	19:00:39.280	-1.7	T__	m__												
URBA	1.14	16.2	Sn	19:00:38.530	-1.2	T__	m__ ML												1.9
BRET	1.30	347.9	Sn	19:00:41.680	-1.8	T__	m__ ML												2.0
ECH	1.38	290.7	Pn	19:00:28.314	0.9	___	m_e												
ECH	1.38	290.7	Pg	19:00:29.049	1.0	___	m_e												
ECH	1.38	290.7	Sg	19:00:46.238	0.3	___	m_e												
NORI	1.41	45.5	Pn	19:00:28.556	0.8	___	m_e ML												2.2
NORI	1.41	45.5	Pg	19:00:29.642	1.2	___	m_e												
NORI	1.41	45.5	Sg	19:00:47.146	0.5	___	m_e												
FUR	1.51	73.1	Sg	19:00:51.184	1.1	___	m_e ML												2.5

Event 91013002 W of Plzen/CR

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



2019/10/13 16:25:49.54 0.34 0.48 49.7419 13.2168 2.1 1.4 135 10.0 0.0 26 3 027 m i uk ZAMG 91013012  
 2019/10/13 16:25:49.13 0.27 0.24 49.7900 13.1310 2.2 1.1 071 10.0f 40 22 133 0.42 1.52 m i ke BGR 91013002  
 (#PRIME)

Magnitude Err Nsta Author OrigID  
 ML 2.4 0.2 4 ZAMG 91013012  
 ML 1.7 0.3 15 BGR 91013002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LACW	0.42	308.9	Pg	16:25:57.237	0.1					T__				m_e	
LACW	0.42	308.9	Sg	16:26:02.549	-0.1					T__				m_e	
KVCW	0.57	316.7	Pg	16:26:00.179	0.1					T__				m_e	
KVCW	0.57	316.7	Sg	16:26:07.433	-0.2					T__				m_e	
ROTZ	0.60	268.1	Pg	16:26:00.598	0.1					T__				m_e ML	1.5
ROTZ	0.60	268.1	Sg	16:26:08.145	-0.2					T__				m_e	
STCW	0.61	320.3	Pg	16:26:00.845	0.1					T__				m_e	
STCW	0.61	320.3	Sg	16:26:08.654	-0.1					T__				m_e	
VACW	0.66	312.8	Pg	16:26:01.788	0.1					T__				m_e	
VACW	0.66	312.8	Sg	16:26:10.263	0.0					T__				m_e	
WET	0.67	194.4	Pg	16:26:01.690	-0.1					T__				m_e ML	1.8
WET	0.67	194.4	Sg	16:26:10.313	-0.2					T__				m_e	
ROHR	0.69	310.7	Pg	16:26:02.066	-0.1					T__				m_e ML	2.2
ROHR	0.69	310.7	Sg	16:26:11.096	-0.0					T__				m_e	
MANZ	0.69	287.0	Pg	16:26:02.343	0.1					T__				m_e ML	2.1
MANZ	0.69	287.0	Sg	16:26:11.086	-0.1					T__				m_e	
WERN	0.69	316.0	Pg	16:26:02.679	0.4					T__				m_e	
TANN	0.76	325.8	Pg	16:26:03.731	0.2					T__				m_e ML	1.5
TANN	0.76	325.8	Sg	16:26:13.252	-0.1					T__				m_e	
GUNZ	0.77	318.5	Pg	16:26:03.945	0.2					T__				m_e	
MULD	0.78	323.6	Pg	16:26:04.008	0.1					T__				m_e ML	1.4
MULD	0.78	323.6	Sg	16:26:13.863	-0.1					T__				m_e	
WERD	0.84	321.5	Pg	16:26:05.173	0.1					T__				m_e ML	1.5
WERD	0.84	321.5	Sg	16:26:16.249	0.2					T__				m_e	
TRIB	0.85	311.8	Pg	16:26:05.395	0.2					T__				m_e ML	1.5
TRIB	0.85	311.8	Sg	16:26:16.035	-0.3					T__				m_e	
PLN	0.93	318.5	Pg	16:26:06.838	0.0					T__				m_e ML	1.1
PLN	0.93	318.5	Sg	16:26:18.855	-0.1					T__				m_e	
SCHF	1.00	332.6	Pg	16:26:08.226	0.1					T__				m_e ML	1.8
SCHF	1.00	332.6	Sg	16:26:20.966	-0.1					T__				m_e	
GEC2	1.02	158.3	Pg	16:26:08.392	0.0					T__				m_e ML	1.9
GEC2	1.02	158.3	Sg	16:26:21.248	-0.3					T__				m_e	
FBE	1.14	7.1	Pg	16:26:11.334	0.7					T__				m_e ML	1.8
FBE	1.14	7.1	Sg	16:26:25.351	-0.1					T__				m_e	
BRG	1.20	25.3	Pg	16:26:12.000	0.2					T__				m_e	
GRA1	1.24	266.2	Sg	16:26:29.346	0.8					T__				m_e ML	2.0
MOX	1.29	312.0	Pg	16:26:13.221	-0.3					T__				m_e ML	1.5
MOX	1.29	312.0	Sg	16:26:30.012	-0.3					T__				m_e	
CLL	1.52	357.0	Pg	16:26:17.204	-0.6					T__				m_e ML	2.0
CLL	1.52	357.0	Sg	16:26:37.338	-0.2					T__				m_e	

Event 91013005 N of Strasbourg/F, Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/13	19:01:06.60	0.00	0.63	48.6600	7.7700				7.0f		63	9	049			m i si	LDG	91013035
2019/10/13	19:01:06.29	1.14	0.56	48.6910	7.7590				0.0		14	9	309	0.52	1.49	m i ke	BUG	91013025
2019/10/13	19:01:06.91	0.28	0.26	48.6590	7.8100	3.3	1.1	074	5.0f		20	13	118	0.48	1.62	m i ki	BGR	91013015
2019/10/13	19:01:06.79	0.13	0.32	48.6540	7.7990	1.7	1.4	013	5.0f		43	26	045	0.07	1.59	m i ki	LED	91013005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.9	1	LDG	91013035
ML	2.1	0.2	10 LDG	91013035
MD	2.8	0.6	5 BUG	91013025
ML	2.0	0.3	5 BUG	91013025
ML	1.5	0.5	8 BGR	91013015
ML	1.5	0.2	27 LED	91013005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	124.9	Pg	19:01:08.660	0.2					T__				mdi	
A123A	0.07	124.9	Sg	19:01:10.610	1.1					T__				m__	
HOHE	0.21	271.4	Pg	19:01:10.870	0.1					T__				m__ ML	1.3
HOHE	0.21	271.4	Sg	19:01:13.930	0.4					T__				m__	
OFFE	0.22	146.7	Pg	19:01:11.010	0.1					T__				m__ ML	1.1
BABA	0.27	75.8	Pg	19:01:11.950	0.1					T__				mc__ ML	1.4
BABA	0.27	75.8	Sg	19:01:15.760	0.3					T__				m__	
OPP	0.30	121.3	Pg	19:01:12.430	-0.1					T__				md__ ML	1.4
OPP	0.30	121.3	Sg	19:01:16.520	0.1					T__				m__	
WLS	0.38	230.9	Pg	19:01:13.870	-0.2					T__				mc__ ML	1.2
WLS	0.38	230.9	Sg	19:01:19.260	0.3					T__				m__	
PEB	0.42	352.6	Pg	19:01:14.670	-0.0					T__				md__ ML	1.3
PEB	0.42	352.6	Sg	19:01:20.440	0.4					T__				m__	
BFO	0.48	132.4	Pg	19:01:15.710	-0.1					T__				md__ ML	1.0
BFO	0.48	132.4	Sg	19:01:21.976	-0.1					___				m_e	
ROTT	0.53	25.7	Sg	19:01:25.440	1.8					T__				m__ ML	1.1
VOEL	0.54	305.3	Sg	19:01:24.940	0.8					T__				m__ ML	1.2
VOGT	0.58	188.6	Sg	19:01:25.920	0.7					T__				m__ ML	1.3
ECH	0.61	224.4	Pg	19:01:19.064	0.7					___				m_e	
GALG	0.66	78.1	Pg	19:01:19.220	-0.1					T__				mc__ ML	2.0
GALG	0.66	78.1	Sg	19:01:27.880	0.0					T__				m__	
GALG	0.66	78.1	SmS	19:01:30.850	-2.2					T__				m__	
BRET	0.69	58.2	Pg	19:01:20.590	0.8					T__				md__ ML	1.7
KIZ	0.70	173.5	Pg	19:01:20.120	0.1					T__				m__ ML	1.7
KIZ	0.70	173.5	Sg	19:01:29.340	0.2					T__				m__	
A101B	0.73	136.8	Pg	19:01:21.080	0.5					___				m__ ML	1.8
A101B	0.73	136.8	SmS	19:01:32.630	-2.2					___		0.1		m__	
ROTE	0.77	130.5	Pg	19:01:21.730	0.5					T__				m__ ML	1.7
ROTE	0.77	130.5	SmS	19:01:33.520	-2.2					T__				m__	
WALT	0.77	207.0	Pg	19:01:21.920	0.6					T__				m__ ML	1.5
WALT	0.77	207.0	Sg	19:01:32.810	1.5					T__				m__	
A100A	0.77	104.7	Pg	19:01:21.640	0.3					___				m__ ML	2.0
A100A	0.77	104.7	Sg	19:01:32.100	0.7					___		0.1		m__	
BERGE	0.82	162.0	Pg	19:01:22.760	0.5					T__				m__ ML	1.5
BERGE	0.82	162.0	Sg	19:01:33.047	0.1					___				m_e	
ENDD	0.94	182.5	Sg	19:01:36.890	0.2					T__				m__	
IMS	0.94	4.0	Pg	19:01:24.460	-0.1					T__				m__ ML	1.4
IMS	0.94	4.0	Sg	19:01:37.020	0.3					T__				m__	

FREU	0.98	114.7	Pn	19:01:25.350	-1.2	T__	m__	ML	1.6
FREU	0.98	114.7	Pg	19:01:25.720	0.4	T__	m__		
FREU	0.98	114.7	Sn	19:01:38.620	-1.8	T__	m__		
METMA	0.99	162.0	Pg	19:01:25.711	0.3	---	m_e	ML	1.2
METMA	0.99	162.0	Sg	19:01:39.041	0.8	---	m_e		
SLE	1.00	152.2	Pg	19:01:25.469	-0.2	---	m_e	ML	2.0
SLE	1.00	152.2	Sg	19:01:38.979	0.4	---	m_e		
EMING	1.03	137.0	Pn	19:01:26.050	-1.2	T__	mc_	ML	1.4
EMING	1.03	137.0	Pg	19:01:26.630	0.4	T__	m__		
EMING	1.03	137.0	Sn	19:01:39.860	-1.7	T__	m__		
ILLF	1.04	200.6	Sn	19:01:40.950	-0.8	---	m__	ML	1.5
BUCH	1.05	100.7	Sn	19:01:40.930	-1.1	T__	m__	ML	2.0
GUT	1.05	123.2	Pn	19:01:26.300	-1.2	T__	md_	ML	1.5
A102A	1.06	118.4	Pg	19:01:27.250	0.4	---	m__	ML	1.8
A102A	1.06	118.4	Sg	19:01:41.440	0.9	---	m__		0.1
A109A	1.12	100.2	Sg	19:01:43.960	1.6	---	m__		
SULZ	1.14	169.3	Pg	19:01:28.469	0.1	---	m_e	ML	2.3
SULZ	1.14	169.3	Sg	19:01:43.504	0.3	---	m_e		
A117A	1.23	70.8	Sg	19:01:46.460	0.6	T__	m__		
RIVT	1.25	327.7	Pg	19:01:30.443	0.0	---	m_e		
RIVT	1.25	327.7	Sg	19:01:46.316	-0.3	---	m_e		
WALHA	1.26	135.1	Pg	19:01:30.752	0.2	---	m_e		
DEGG	1.27	91.4	Sg	19:01:47.870	0.8	T__	m__	ML	2.0
A106B	1.27	84.8	Sg	19:01:47.670	0.4	---	m__		
BODE	1.30	14.3	Sg	19:01:48.370	0.3	---	m_e		
BALST	1.32	183.1	Sg	19:01:49.060	0.3	T__	m__	ML	1.5
A104C	1.34	112.5	Sg	19:01:50.180	0.7	---	m__		
A108A	1.38	102.1	Sg	19:01:51.270	0.6	---	m__		
WILA	1.44	148.7	Pg	19:01:34.350	0.3	---	md_	ML	1.4
WILA	1.44	148.7	Sg	19:01:53.520	0.8	---	m__		
A103D	1.45	125.5	Pg	19:01:34.100	0.1	---	m__	ML	2.3
A103D	1.45	125.5	Sg	19:01:53.290	0.6	---	m__		
HDH	1.59	91.6	Sg	19:01:57.380	-0.0	---	m__	ML	1.8
TNS	1.62	14.8	Sg	19:01:58.592	0.2	---	m_e		

Event 91014001 N of Strasbourg/F, Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/14	00:56:11.08	1.80	0.99	48.6271	7.9540	10.4	5.7	165	7.3	7.0	14	5	027			m i uk	ZAMG	91014031
2019/10/14	00:56:10.50	0.04	0.39	48.6557	7.7753	0.8	0.8	162	5.0f		77	12	041			m i si	LDG	91014021
2019/10/14	00:56:10.43	0.34	0.47	48.6740	7.8150	4.4	2.2	067	5.0f		19	10	143	0.48	1.46	m i ki	BGR	91014011
2019/10/14	00:56:10.61	0.11	0.32	48.6510	7.7960	1.3	1.1	033	5.0f		52	31	041	0.07	1.57	m i ki	LED	91014001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 ZAMG	91014031
MD	2.0		1 LDG	91014021
ML	2.1	0.2	13 LDG	91014021
ML	1.5	0.4	9 BGR	91014011
ML	1.5	0.2	31 LED	91014001

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

A123A	0.07	122.1	Pg	00:56:12.530	0.3	T__	mdi	
A123A	0.07	122.1	Sg	00:56:14.490	1.1	T__	m__	
HOHE	0.21	272.3	Pg	00:56:14.680	0.1	T__	mc_ ML	1.4
HOHE	0.21	272.3	Sg	00:56:17.790	0.5	T__	m__	
OFFE	0.21	145.8	Pg	00:56:14.820	0.1	T__	m__ ML	1.1
OFFE	0.21	145.8	Sg	00:56:18.160	0.6	T__	m__	
BABA	0.27	75.3	Pg	00:56:15.700	-0.1	T__	mc_ ML	1.0
BABA	0.27	75.3	Sg	00:56:19.530	0.2	T__	m__	
OPP	0.30	120.6	Pg	00:56:16.250	-0.1	T__	md_ ML	1.6
OPP	0.30	120.6	Sg	00:56:20.390	0.1	T__	m__	
NEEW	0.37	33.5	Pg	00:56:17.830	0.3	T__	mdi ML	1.2
NEEW	0.37	33.5	Sg	00:56:23.440	1.1	T__	m__	
WLS	0.38	231.0	Pg	00:56:17.730	-0.0	T__	mc_ ML	1.3
WLS	0.38	231.0	Sg	00:56:23.210	0.5	T__	m__	
PEB	0.42	352.9	Pg	00:56:18.370	-0.2	T__	mdi ML	1.1
A124A	0.46	90.3	Pg	00:56:19.240	-0.1	T__	mci	
A124A	0.46	90.3	Sg	00:56:25.480	0.1	T__	m__	
BFO	0.48	132.0	Pg	00:56:19.580	-0.1	T__	md_ ML	1.2
BFO	0.48	132.0	Sg	00:56:25.860	0.0	T__	m__	
KARL	0.54	47.1	Pg	00:56:21.360	0.5	T__	md_	
VOEL	0.54	305.7	Pg	00:56:20.740	-0.2	T__	m__ ML	1.2
VOEL	0.54	305.7	Sg	00:56:28.320	0.4	T__	m__	
VOEL	0.54	305.7	SmS	00:56:32.050	-1.9	T__	m__	
ECH	0.61	224.4	Pg	00:56:23.067	1.0	___	m_e ML	1.5
ECH	0.61	224.4	Sg	00:56:30.130	0.2	T__	m__	
GALG	0.66	77.9	Pg	00:56:22.990	-0.2	T__	mc_ ML	1.7
GALG	0.66	77.9	Sg	00:56:31.590	-0.2	T__	m__	
KIZ	0.70	173.3	Pg	00:56:23.760	-0.1	T__	m__ ML	1.6
KIZ	0.70	173.3	Sg	00:56:33.220	0.3	T__	m__	
ROTE	0.77	130.3	Pg	00:56:25.950	0.9	T__	m__ ML	1.6
ROTE	0.77	130.3	Sg	00:56:36.040	1.1	T__	m__	
ROTE	0.77	130.3	SmS	00:56:37.350	-2.2	T__	m__	
WALT	0.77	207.0	Pg	00:56:25.550	0.5	T__	m__ ML	1.5
FELD	0.79	169.8	Sg	00:56:36.090	0.4	T__	m__ ML	1.5
BERGE	0.82	161.8	Pg	00:56:26.200	0.1	T__	m__ ML	1.4
BERGE	0.82	161.8	Sg	00:56:36.511	-0.2	___	m_e	
MSS	0.91	121.0	Pg	00:56:28.310	0.6	T__	m__ ML	1.5
ENDD	0.94	182.4	Pg	00:56:28.520	0.2	T__	md_ ML	1.6
ENDD	0.94	182.4	Sg	00:56:40.840	0.4	T__	m__	
IMS	0.95	4.1	Pg	00:56:28.680	0.2	T__	mci ML	1.4
FREU	0.98	114.5	Pn	00:56:29.540	-0.9	T__	m__ ML	1.7
FREU	0.98	114.5	Sn	00:56:42.640	-1.6	T__	m__	
METMA	0.99	161.9	Pg	00:56:30.170	0.9	___	m_e ML	1.2
METMA	0.99	161.9	Sg	00:56:43.022	1.0	___	m_e	
SLE	1.00	152.0	Pn	00:56:29.290	-1.3	T__	m__ ML	1.4
SLE	1.00	152.0	Pg	00:56:29.800	0.3	T__	m__	
SLE	1.00	152.0	Sg	00:56:42.576	0.2	___	m_e	
EMING	1.03	136.8	Pn	00:56:29.990	-1.1	T__	m__ ML	1.5
EMING	1.03	136.8	Pg	00:56:30.510	0.5	T__	m__	
EMING	1.03	136.8	Sn	00:56:43.630	-1.8	T__	m__	
GUT	1.05	123.0	Sg	00:56:44.810	0.8	T__	m__ ML	1.7
SULZ	1.14	169.2	Pg	00:56:32.360	0.2	T__	m__ ML	1.8
SULZ	1.14	169.2	Sg	00:56:47.569	0.7	___	m_e	
ABH	1.24	352.6	Pg	00:56:33.363	-0.7	___	m_e	

ABH	1.24	352.6	Sg	00:56:49.296	-0.8	---	m_e		
WALHA	1.26	134.9	Pg	00:56:34.800	0.4	---	m_e ML	1.8	
WALHA	1.26	134.9	Sg	00:56:50.123	-0.6	---	m_e		
DEGG	1.27	91.2	Pg	00:56:34.610	0.1	T_	m_ ML	1.7	
DEGG	1.27	91.2	Sg	00:56:51.570	0.7	T_	m_		
BOURR	1.31	196.9	Sg	00:56:53.490	1.2	T_	m_ ML	1.8	
BALST	1.32	183.0	Sg	00:56:52.990	0.5	T_	m_ ML	1.4	
WMG	1.33	316.8	Pg	00:56:35.600	-0.1	T_	m_ ML	1.3	
A104C	1.34	112.3	Sg	00:56:53.920	0.6	---	m_		
A108A	1.38	101.9	Sg	00:56:55.070	0.5	---	m_		
WILA	1.44	148.6	Pg	00:56:38.210	0.4	---	m_ ML	1.6	
WILA	1.44	148.6	Sg	00:56:57.340	0.9	---	m_		
BEUR	1.50	342.2	Pg	00:56:38.790	-0.2	---	m_ ML	1.1	
TETT	1.57	128.6	Sg	00:57:01.020	0.6	---	m_ ML	1.7	

Event 91014005 N of Strasbourg/F, Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/14	20:47:04.40	0.06	0.44	48.6535	7.7833	1.1	1.1	121	5.0f		49	4	048			m i si	LDG	91014025
2019/10/14	20:47:04.36	0.30	0.69	48.6590	7.8040	5.6	2.2	062	5.0f		18	11	118	0.48	1.62	m i ki	BGR	91014015
2019/10/14	20:47:04.37	0.08	0.22	48.6470	7.7950	1.0	0.9	022	5.0	2.0	44	26	045	0.07	1.60	m i ki	LED	91014005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.1	1	LDG	91014025
ML	2.1	0.1	5 LDG	91014025
ML	1.5	0.4	7 BGR	91014015
ML	1.5	0.2	25 LED	91014005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	119.1	Pg	20:47:06.290	0.3					T_				mdi	
A123A	0.07	119.1	Sg	20:47:08.210	1.1					T_				m_	
HOHE	0.21	273.4	Pg	20:47:08.440	0.1					T_				mc_ ML	1.3
OFFE	0.21	145.0	Pg	20:47:08.610	0.2					T_				md_ ML	1.1
BABA	0.27	74.5	Pg	20:47:09.590	0.0					T_				mci ML	1.3
BABA	0.27	74.5	Sg	20:47:13.430	0.3					T_				m_	
OPP	0.30	119.9	Pg	20:47:10.060	-0.0					T_				mdi ML	1.5
OPP	0.30	119.9	Sg	20:47:14.190	0.2					T_				m_	
NEEW	0.37	33.3	Pg	20:47:11.690	0.3					T_				mci ML	1.1
NEEW	0.37	33.3	Sg	20:47:17.380	1.2					T_				m_	
WLS	0.37	231.4	Pg	20:47:11.460	-0.0					T_				mci ML	1.1
WLS	0.37	231.4	Sg	20:47:16.910	0.6					T_				m_	
PEB	0.42	353.0	Pg	20:47:12.250	-0.1					T_				mdi ML	1.3
BFO	0.48	131.6	Pg	20:47:13.350	-0.0					T_				md_ ML	1.1
BFO	0.48	131.6	Sg	20:47:19.680	0.1					T_				m_	
VOEL	0.55	306.1	Pg	20:47:14.820	0.1					T_				m_ ML	1.2
VOEL	0.55	306.1	PmP	20:47:16.960	-1.3					T_				m_	
VOEL	0.55	306.1	SmS	20:47:25.960	-1.8					T_				m_	
ECH	0.60	224.7	Pg	20:47:15.950	0.2					T_				mc_ ML	1.4
ECH	0.60	224.7	Sg	20:47:24.200	0.6					T_				m_	
GALG	0.67	77.6	Pg	20:47:16.870	-0.1					T_				mc_ ML	1.9
GALG	0.67	77.6	Sg	20:47:25.590	0.0					T_				m_	



HOHE	0.21	272.0	Pg	23:37:49.310	0.1	T__	mc_ ML	1.3
HOHE	0.21	272.0	Sg	23:37:52.310	0.4	T__	m__	
OFFE	0.21	146.5	Pg	23:37:49.370	0.1	T__	md_ ML	0.9
OFFE	0.21	146.5	Sg	23:37:52.720	0.6	T__	m__	
BABA	0.27	75.4	Pg	23:37:50.340	0.1	T__	mc_ ML	1.3
BABA	0.27	75.4	Sg	23:37:54.160	0.4	T__	m__	
OPP	0.30	121.0	Pg	23:37:50.810	-0.1	T__	mdi ML	1.1
OPP	0.30	121.0	Sg	23:37:54.920	0.1	T__	m__	
NEEW	0.36	33.3	Pg	23:37:52.420	0.3	T__	md_ ML	0.9
NEEW	0.36	33.3	Sg	23:37:58.140	1.3	T__	m__	
WLS	0.38	231.2	Pg	23:37:52.250	-0.1	T__	mc_ ML	1.1
WLS	0.38	231.2	Sg	23:37:57.870	0.5	T__	m__	
PEB	0.42	352.5	Pg	23:37:53.050	-0.1	T__	mdi ML	1.3
PEB	0.42	352.5	Sg	23:37:58.850	0.3	T__	m__	
A124A	0.46	90.5	Sg	23:37:59.990	0.2	T__	m__	
BFO	0.48	132.3	Pg	23:37:54.110	-0.1	T__	mdi ML	0.8
BFO	0.48	132.3	Sg	23:38:00.120	-0.3	___	m__	
ROTT	0.53	25.5	Sg	23:38:03.870	1.8	T__	m__ ML	1.2
VOEL	0.55	305.5	Pg	23:37:55.360	-0.1	T__	md_ ML	1.0
VOEL	0.55	305.5	Sg	23:38:03.370	0.8	T__	m__	
VOGT	0.58	188.7	Sg	23:38:04.100	0.5	T__	m__ ML	1.3
ECH	0.61	224.6	Pg	23:37:57.781	1.1	___	m_e ML	1.0
ECH	0.61	224.6	Sg	23:38:05.193	0.6	___	m_e	
GALG	0.66	77.9	Pg	23:37:57.610	-0.1	T__	mc_ ML	1.9
GALG	0.66	77.9	Sg	23:38:06.280	0.1	T__	m__	
GALG	0.66	77.9	SmS	23:38:09.260	-2.1	T__	m__	
KIZ	0.70	173.5	Pg	23:37:58.580	0.2	T__	mc_ ML	1.8
KIZ	0.70	173.5	Sg	23:38:07.730	0.3	T__	m__	
A101B	0.73	136.7	Pg	23:37:59.490	0.5	___	m__ ML	1.8
A101B	0.73	136.7	Sg	23:38:10.640	2.2	___	m__	
WALT	0.77	207.1	Pg	23:38:00.270	0.6	T__	m__ ML	1.5
A100A	0.77	104.5	Pg	23:38:00.390	0.6	___	m__ ML	1.9
A100A	0.77	104.5	Sg	23:38:10.480	0.7	T__	m__	
FELD	0.79	170.0	Pg	23:38:00.240	0.2	T__	m__ ML	1.6
BERGE	0.82	162.0	Pg	23:38:00.999	0.3	___	m_e	
BERGE	0.82	162.0	Sg	23:38:11.271	0.0	___	m_e	
MSS	0.90	121.1	Pg	23:38:02.760	0.5	T__	m__ ML	1.4
MSS	0.90	121.1	Sg	23:38:14.650	0.7	T__	m__	
STU	0.93	82.1	Sg	23:38:14.994	0.3	___	m_e ML	1.6
ENDD	0.94	182.6	Pg	23:38:03.140	0.3	T__	m__ ML	1.6
ENDD	0.94	182.6	Sg	23:38:15.200	0.2	T__	m__	
FREU	0.98	114.7	Pn	23:38:04.110	-0.8	T__	m__ ML	1.5
FREU	0.98	114.7	Sn	23:38:17.010	-1.8	T__	m__	
METMA	0.99	162.0	Pg	23:38:04.225	0.4	___	m_e ML	1.2
METMA	0.99	162.0	Sg	23:38:16.024	-0.5	___	m_e	
SLE	1.00	152.2	Pn	23:38:03.840	-1.4	T__	m__ ML	1.5
SLE	1.00	152.2	Pg	23:38:04.297	0.3	___	m_e	
SLE	1.00	152.2	Sn	23:38:17.150	-2.1	T__	m__	
EMING	1.03	137.0	Pn	23:38:04.440	-1.2	T__	m__ ML	1.3
EMING	1.03	137.0	Pg	23:38:04.940	0.4	T__	m__	
EMING	1.03	137.0	Sg	23:38:18.267	0.4	___	m_e	
A115A	1.03	52.4	Sg	23:38:19.050	1.1	T__	m__	
ILLF	1.04	200.7	Sg	23:38:19.380	1.3	T__	m__ ML	1.4
BUCH	1.05	100.6	Sg	23:38:19.330	0.8	T__	m__ ML	1.9

GUT	1.05	123.1	Pn	23:38:04.700	-1.2	T__	md_	ML	1.3
GUT	1.05	123.1	Pg	23:38:05.420	0.4	T__	m__		
GUT	1.05	123.1	Sn	23:38:18.750	-1.7	T__	m__		
A102A	1.06	118.3	Pg	23:38:05.620	0.4	---	m__	ML	1.9
A102A	1.06	118.3	Sg	23:38:19.300	0.4	---			
A109A	1.12	100.1	Pg	23:38:06.720	0.5	---			0.1
A109A	1.12	100.1	Sg	23:38:22.000	1.3	---			0.1
SULZ	1.14	169.3	Sg	23:38:21.349	-0.2	---	m_e	ML	2.4
WBA	1.20	33.2	Pg	23:38:07.940	0.1	T__	m__	ML	1.4
A117A	1.23	70.7	Sg	23:38:24.830	0.6	T__	m__		
ABH	1.24	352.5	Pg	23:38:10.067	1.5	---	m_e		
ABH	1.24	352.5	Sg	23:38:24.936	0.3	---	m_e		
WALHA	1.26	135.1	Pg	23:38:09.011	0.1	---	m_e		
WALHA	1.26	135.1	Sg	23:38:25.070	-0.1	---	m_e		
DEGG	1.26	91.3	Sg	23:38:26.120	0.7	T__	m__	ML	1.9
BOURR	1.31	197.0	Sg	23:38:27.990	1.1	T__	m__	ML	1.6
BALST	1.32	183.1	Sg	23:38:27.480	0.4	T__	m__	ML	1.5
A108A	1.38	102.0	Sg	23:38:29.790	0.8	---	m__		
WLF	1.48	313.8	Sg	23:38:32.362	0.2	---	m_e		
HDH	1.59	91.5	Sg	23:38:35.740	-0.1	---	m__	ML	1.7
WOER	1.66	76.4	Sg	23:38:37.700	-0.3	---	m__	ML	1.5
UBR	1.82	121.4	Pg	23:38:20.100	0.6	---	m__	ML	2.2
UBR	1.82	121.4	Sg	23:38:44.100	1.1	---	m__		0.0

Event 91015005 N of Strasbourg/F, Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/15	14:12:52.30	0.05	0.39	48.6538	7.7876	0.9	0.8	098	5.0f		47	5	042			m i s i	LDG	91015025
2019/10/15	14:12:52.13	0.49	0.34	48.6600	7.7990	4.4	3.3	041	5.0f		15	9	179	0.48	1.47	m i k i	BGR	91015015
2019/10/15	14:12:52.28	0.10	0.24	48.6490	7.7990	1.2	1.0	012	5.0f		29	20	078	0.07	1.19	m i k i	LED	91015005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.9	1	LDG	91015025
ML	2.4	0.2	6 LDG	91015025
ML	1.6	0.4	8 BGR	91015015
ML	1.6	0.1	18 LED	91015005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	121.6	Pg	14:12:54.290	0.4					T__				mdi	
A123A	0.07	121.6	Sg	14:12:56.280	1.3					T__				m__	
HOHE	0.21	272.8	Pg	14:12:56.420	0.1					T__				mc_	ML 1.5
HOHE	0.21	272.8	Sg	14:12:59.520	0.5					T__				m__	
BABA	0.27	74.8	Pg	14:12:57.450	0.0					T__				mc_	ML 1.1
BABA	0.27	74.8	Sg	14:13:01.210	0.3					T__				m__	
OPP	0.30	120.5	Pg	14:12:57.980	0.0					T__				md_	ML 1.5
OPP	0.30	120.5	Sg	14:13:02.060	0.2					T__				m__	
NEEW	0.37	33.1	Pg	14:12:59.580	0.3					T__				md_	ML 1.3
WLS	0.38	231.5	Pg	14:12:59.440	-0.0					T__				mc_	ML 1.4
WLS	0.38	231.5	Sg	14:13:04.960	0.6					T__				m__	
PEB	0.42	352.6	Pg	14:13:00.130	-0.1					T__				md_	ML 1.4
PEB	0.42	352.6	Sg	14:13:05.930	0.2					T__				m__	
BFO	0.47	132.0	Pg	14:13:01.280	0.0					T__				md_	ML 1.4





BABA	0.27	74.4	Pg	22:36:14.970	-0.1	T__	mci	ML	1.7
BABA	0.27	74.4	Sg	22:36:18.730	0.1	T__	m__		
OPP	0.30	119.6	Pg	22:36:15.490	-0.0	T__	md_	ML	1.9
OPP	0.30	119.6	Sg	22:36:19.590	0.2	T__	m__		
NEEW	0.37	33.3	Pg	22:36:17.120	0.3	T__	m__	ML	1.5
NEEW	0.37	33.3	Sg	22:36:22.670	1.0	T__	m__		
WLS	0.37	231.5	Pg	22:36:16.950	0.0	T__	mc_	ML	1.7
WLS	0.37	231.5	Sg	22:36:22.450	0.7	T__	m__		
PEB	0.42	353.1	Pg	22:36:17.670	-0.2	T__	mdi	ML	1.7
PEB	0.42	353.1	Sg	22:36:23.450	0.1	T__	m__		
A124A	0.46	89.7	Pg	22:36:18.490	-0.1	T__	m__		
A124A	0.46	89.7	Sg	22:36:24.690	0.1	T__	m__		
BFO	0.48	131.5	Pg	22:36:18.790	-0.0	T__	md_	ML	1.7
BFO	0.48	131.5	Sg	22:36:25.120	0.1	T__	m__		
ROTT	0.54	25.6	Pg	22:36:20.490	0.5	T__	m__	ML	1.6
ROTT	0.54	25.6	Sg	22:36:28.240	1.3	T__	m__		
KARL	0.55	46.8	Pg	22:36:20.590	0.5	T__	md_		
VOEL	0.55	306.2	Pg	22:36:20.010	-0.1	T__	m__	ML	1.6
VOEL	0.55	306.2	Sg	22:36:27.910	0.7	T__	m__		
VOEL	0.55	306.2	SmS	22:36:31.240	-2.0	T__	m__		
VOGT	0.57	188.3	Sg	22:36:28.920	0.9	T__	m__	ML	2.1
LDE	0.58	23.1	SmS	22:36:32.760	-1.2	T__	m__	ML	2.0
ECH	0.60	224.7	Pg	22:36:21.050	-0.1	T__	m__	ML	1.9
FBB	0.65	176.5	SmS	22:36:33.580	-2.1	T__	m__	ML	2.0
GALG	0.67	77.5	Pg	22:36:22.240	-0.2	T__	mc_	ML	2.3
GALG	0.67	77.5	Sg	22:36:30.820	-0.2	T__	m__		
GALG	0.67	77.5	SmS	22:36:33.750	-2.4	T__	m__		
BRET	0.69	57.7	PmP	22:36:23.580	-2.3	T__	m__	ML	2.0
KIZ	0.69	173.1	Pg	22:36:22.970	0.0	T__	m__		
KIZ	0.69	173.1	Sg	22:36:32.490	0.6	T__	m__		
A101B	0.73	136.1	Pg	22:36:23.550	-0.0	___	m__	ML	2.2
A101B	0.73	136.1	Sg	22:36:35.380	2.4	___	m__		
WALT	0.76	207.0	PmP	22:36:24.870	-2.1	T__	m__	ML	2.0
ROTE	0.76	129.9	Pg	22:36:24.210	-0.0	T__	m__	ML	2.3
ROTE	0.76	129.9	PmP	22:36:25.160	-1.8	T__	m__		
ROTE	0.76	129.9	SmS	22:36:36.510	-2.2	T__	m__		
A100A	0.77	104.0	Pg	22:36:24.640	0.2	___	m__	ML	2.6
A100A	0.77	104.0	Sg	22:36:35.090	0.6	___	m__		
FELD	0.78	169.6	Pg	22:36:24.910	0.3	T__	m__	ML	2.0
FELD	0.78	169.6	PmP	22:36:25.370	-1.9	T__	m__		
FELD	0.78	169.6	Sg	22:36:35.230	0.5	T__	m__		
BERGE	0.82	161.6	Pg	22:36:25.200	-0.0	T__	m__	ML	2.0
BERGE	0.82	161.6	Sg	22:36:36.518	0.7	___	m_e		
ENDD	0.93	182.3	Pg	22:36:27.670	0.3	T__	mc_	ML	2.0
ENDD	0.93	182.3	Sg	22:36:39.970	0.5	T__	m__		
STU	0.93	81.8	Pg	22:36:27.731	0.3	___	m_e	ML	1.9
STU	0.93	81.8	Sg	22:36:39.806	0.3	___	m_e		
IMS	0.95	4.2	Pg	22:36:27.460	-0.3	T__	m__		
IMS	0.95	4.2	Sg	22:36:39.820	-0.2	T__	m__		
FREU	0.98	114.2	Pn	22:36:28.260	-1.3	T__	m__	ML	2.1
FREU	0.98	114.2	Pg	22:36:28.770	0.5	T__	m__		
FREU	0.98	114.2	Sn	22:36:41.850	-1.6	T__	m__		
METMA	0.98	161.7	Pn	22:36:28.450	-1.2	T__	m__	ML	1.8
METMA	0.98	161.7	Sn	22:36:41.300	-2.2	T__	m__		

SLE	1.00	151.8	Pn	22:36:28.430	-1.4	T__	m__ ML	1.9
SLE	1.00	151.8	Pg	22:36:29.010	0.4	T__	m__	
SLE	1.00	151.8	Sn	22:36:41.870	-1.9	T__	m__	
EMING	1.03	136.6	Pn	22:36:29.030	-1.2	T__	m__ ML	1.9
EMING	1.03	136.6	Pg	22:36:29.620	0.4	T__	m__	
EMING	1.03	136.6	Sg	22:36:42.592	0.1	___	m_e	
ILLF	1.03	200.6	Sg	22:36:43.650	1.1	T__	m__ ML	2.0
GUT	1.05	122.7	Pn	22:36:29.270	-1.3	T__	m__ ML	2.1
GUT	1.05	122.7	Pg	22:36:30.040	0.4	T__	m__	
GUT	1.05	122.7	Sn	22:36:43.180	-1.9	T__	m__	
GUT	1.05	122.7	Sg	22:36:44.090	0.9	T__	m__	
BUCH	1.05	100.2	Pg	22:36:30.040	0.4	T__	m__ ML	2.3
BUCH	1.05	100.2	Sg	22:36:44.690	1.5	T__	m__	
A102A	1.06	117.9	Pg	22:36:29.520	-0.3	___	m__ ML	2.2
A102A	1.06	117.9	Sg	22:36:44.440	0.9	___	m__	0.2
A109A	1.12	99.8	Pg	22:36:31.320	0.4	___	m__ ML	2.3
A109A	1.12	99.8	Sg	22:36:46.440	1.0	___	m__	0.2
SULZ	1.14	169.1	Pg	22:36:31.570	0.3	T__	m__ ML	2.1
SULZ	1.14	169.1	Sg	22:36:46.686	0.7	___	m_e	
ZWI	1.16	109.0	Sg	22:36:47.240	0.4	T__	m__ ML	2.2
URBA	1.20	80.1	Pn	22:36:31.110	-1.4	T__	m__ ML	2.0
URBA	1.20	80.1	Pg	22:36:31.970	-0.4	T__	m__	
URBA	1.20	80.1	Sg	22:36:47.910	0.0	T__	m__	
STEIN	1.21	143.3	Sg	22:36:49.890	1.6	T__	m__ ML	2.0
ABH	1.25	352.7	Pg	22:36:33.092	-0.2	___	m_e	
ABH	1.25	352.7	Sg	22:36:48.945	-0.5	___	m_e	
RIVT	1.26	328.0	Pg	22:36:33.267	-0.3	___	m_e	
RIVT	1.26	328.0	Sg	22:36:48.903	-0.9	___	m_e	
WALHA	1.26	134.7	Pg	22:36:34.033	0.5	___	m_e ML	2.0
WALHA	1.26	134.7	Sg	22:36:50.028	0.2	___	m_e	
DEGG	1.27	91.0	Sg	22:36:50.810	0.7	T__	m__ ML	2.3
A106B	1.28	84.5	Pg	22:36:33.970	0.1	___	m__ ML	2.2
A106B	1.28	84.5	Sg	22:36:50.610	0.2	___	m__	0.1
BODE	1.31	14.4	Sg	22:36:51.270	-0.1	T__	m__ ML	1.9
BALST	1.31	182.9	Pg	22:36:34.910	0.4	T__	m__ ML	2.0
BALST	1.31	182.9	Sg	22:36:52.080	0.6	T__	m__	
WMG	1.33	316.9	Pg	22:36:34.770	-0.2	T__	m__ ML	1.8
WMG	1.33	316.9	Sg	22:36:52.150	-0.0	T__	m__	
A104C	1.34	112.1	Sg	22:36:53.130	0.7	___	m__	
A108A	1.38	101.7	Sg	22:36:54.320	0.6	___	m__	
WILA	1.44	148.4	Pg	22:36:37.430	0.5	___	m__ ML	2.1
WILA	1.44	148.4	Sg	22:36:56.173	0.6	___	m_e	
A103D	1.44	125.2	Sg	22:36:56.290	0.6	___	m__	
WLF	1.48	314.1	Pg	22:36:37.660	-0.1	___	m_e ML	1.8
WLF	1.48	314.1	Sg	22:36:55.990	-0.9	___	m__	
ROMAN	1.49	135.8	Pg	22:36:38.420	0.4	___	m__ ML	1.8
BEUR	1.51	342.3	Pg	22:36:37.990	-0.3	___	m__ ML	1.5
HDH	1.60	91.3	Pg	22:36:40.010	0.1	___	m__ ML	2.1
TNS	1.63	14.8	Pn	22:36:39.430	1.0	___	m__ ML	1.9
TNS	1.63	14.8	Sg	22:37:01.400	-0.3	___	m__	
WOER	1.67	76.2	Pg	22:36:41.180	-0.1	___	m__ ML	1.9
UBR	1.82	121.2	Pg	22:36:44.930	0.8	___	m_e ML	2.1
UBR	1.82	121.2	Sg	22:37:07.738	0.1	___	m_e	
NORI	1.87	86.7	Pg	22:36:44.636	-0.4	___	m_e ML	2.0

NORI	1.87	86.7	Sg	22:37:08.741	-0.5	---	m_e
PLONS	1.92	145.7	Pg	22:36:46.516	0.5	---	m_e

Event 91019001 Gerardmer/F, NE of Remiremont, Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/19	02:00:58.00	0.05	0.44	48.1390	6.7514	0.9	0.8	161	9.0f		86	20	031			m i ke	LDG	91019021
2019/10/19	02:01:02.16	0.85	1.14	48.2540	6.9280				0.0		14	9	337	0.94	2.20	m i ke	BUG	91019011
2019/10/19	02:00:58.19	0.49		48.1670	6.7670	4.4	1.1	057	10.6	6.4	29		202	0.27	2.33	m i ke	BGR	91019001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.9	0.1	3 LDG	91019021
ML	2.2	0.4	17 LDG	91019021
MD	2.7	1.2	7 BUG	91019011
ML	2.4	0.2	7 BUG	91019011
ML	1.7	0.4	9 BGR	91019001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.27	79.2	Pg	02:01:03.201	-0.3					T__				m_e	ML 0.8
ECH	0.27	79.2	Sg	02:01:07.358	0.2					T__				m_e	
BERGE	0.99	106.9	Pg	02:01:16.622	-0.3					T__				m_e	ML 1.6
BERGE	0.99	106.9	Sg	02:01:29.701	-0.1					T__				m_e	
BALST	1.04	142.8	Sg	02:01:30.622	-0.7					T__				m_e	ML 1.7
BFO	1.05	80.5	Pg	02:01:18.337	0.2					T__				m_e	ML 1.5
BFO	1.05	80.5	Sg	02:01:30.944	-0.8					T__				m_e	
METMA	1.09	114.0	Pg	02:01:18.549	-0.3					T__				m_e	ML 1.4
METMA	1.09	114.0	Sg	02:01:32.703	-0.4					T__				m_e	
SULZ	1.11	124.7	Pg	02:01:19.084	-0.0					T__				m_e	ML 2.2
SULZ	1.11	124.7	Sg	02:01:33.419	-0.0					T__				m_e	
A101B	1.19	91.7	Pg	02:01:21.070	0.4					---				m__	ML 2.0
A101B	1.19	91.7	Sg	02:01:36.740	0.6					---		0.1		m__	
SLE	1.22	108.5	Pn	02:01:20.315	-0.3					T__				m_e	ML 2.4
SLE	1.22	108.5	Pg	02:01:21.591	0.3					T__				m_e	
SLE	1.22	108.5	Sg	02:01:37.124	-0.0					T__				m_e	
EMING	1.42	100.3	Pg	02:01:25.276	0.3					T__				m_e	ML 1.8
EMING	1.42	100.3	Sg	02:01:43.941	0.6					T__				m_e	
A100A	1.46	77.9	Pg	02:01:26.120	0.3					---				m__	ML 2.1
A100A	1.46	77.9	Sg	02:01:44.930	0.1					---		0.1		m__	
RIVT	1.54	360.0	Pg	02:01:27.277	-0.0					T__				m_e	
RIVT	1.54	360.0	Sg	02:01:47.174	-0.1					T__				m_e	
WLF	1.55	345.1	Pg	02:01:27.651	0.2					T__				m_e	
WLF	1.55	345.1	Sg	02:01:47.748	0.2					T__				m_e	
A102A	1.62	90.0	Pg	02:01:29.100	0.3					---				m__	ML 2.2
A102A	1.62	90.0	Sg	02:01:50.500	0.7					---		0.1		m__	
WILA	1.62	116.8	Pg	02:01:29.239	0.4					T__				m_e	ML 2.0
WILA	1.62	116.8	Sg	02:01:50.343	0.5					T__				m_e	
WALHA	1.63	103.8	Pg	02:01:29.200	0.2					T__				m_e	
WALHA	1.63	103.8	Sg	02:01:50.558	0.5					T__				m_e	
ABH	1.79	16.3	Pg	02:01:31.854	-0.1					T__				m_e	
ABH	1.79	16.3	Sg	02:01:55.390	0.3					T__				m_e	
A109A	1.81	80.2	Pg	02:01:32.900	0.5					---				m__	ML 2.4
A109A	1.81	80.2	Sg	02:01:56.700	0.9					---		0.1		m__	

A104C	1.93	90.1	Pg	02:01:35.100	0.5	---	m__	ML	2.4
A108A	2.05	83.8	Pg	02:01:37.200	0.4	---	m__	ML	2.5
UBR	2.29	101.0	Pg	02:01:42.180	0.8	T__	m_e	ML	2.6
UBR	2.29	101.0	Sg	02:02:11.619	0.6	T__	m_e		
A107D	2.29	92.5	Pg	02:01:39.500	-2.0	---	m__		
TNS	2.33	27.5	Sg	02:02:11.838	-0.4	T__	m_e		

Event 91022001 Kufstein, Woergl/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/22	23:35:40.70	0.21	1.48	47.5854	12.2913	4.5	3.6	031	2.0	0.0	237	40	117			m i ke	LDG	91022041
2019/10/22	23:35:40.83	0.90	0.69	47.5330	12.3530				1.3	4.6	25	16	232	0.96	3.72	m i ke	BUG	91022031
2019/10/22	23:35:41.18	1.34	0.66	47.5234	12.2035				3.0f		32	18	157	0.34	5.13	m i ke	BNS	91022021
2019/10/22	23:35:40.13	0.11	1.21	47.5455	12.2177	1.0	0.7	164	12.2	0.0	73	12	022			m i fe	ZAMG	91022011
2019/10/22	23:35:42.27	0.17	1.29	47.5530	12.2370	3.3	2.2	173	10.0f		51	29	112	0.42	4.54	m i ke	BGR	91022001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.2	36 LDG	91022041
MD	4.4	0.2	13 BUG	91022031
ML	4.4	0.2	12 BUG	91022031
ML	3.7		BNS	91022021
ML	4.0	0.2	23 ZAMG	91022011
ML	3.8	0.4	25 BGR	91022001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LESA	0.32	113.2	Pg	23:35:47.330	-1.3					---				m_e	
LESA	0.32	113.2	Sg	23:35:51.947	-1.0					---				m_e	
RJOB	0.42	63.7	Pg	23:35:48.685	-1.7					T__				m_e ML	3.5
RJOB	0.42	63.7	Sg	23:35:56.499	0.6					T__				m_e	
RTBE	0.44	63.9	Pg	23:35:49.270	-1.5					---				m_e	
RTBE	0.44	63.9	Sg	23:35:57.250	0.7					---				m_e	
RNON	0.46	66.0	Pg	23:35:49.757	-1.4					---				m_e	
RNON	0.46	66.0	Sg	23:35:57.596	0.3					---				m_e	
WATA	0.50	244.3	Pg	23:35:49.784	-2.0					---				m_e	
WATA	0.50	244.3	Sg	23:35:56.930	-1.4					---				m_e	
WTTA	0.50	234.8	Pg	23:35:50.009	-1.8					T__				m_e ML	3.4
WTTA	0.50	234.8	Sg	23:35:57.132	-1.2					T__				m_e	
KW1	0.62	22.9	Pg	23:35:54.116	0.1					T__				m_e	
KW1	0.62	22.9	Sg	23:36:04.558	2.4					T__				m_e	
PART	0.76	266.1	Pg	23:35:54.305	-2.4					T__				m_e	
PART	0.76	266.1	Sg	23:36:07.251	0.7					T__				m_e	
BE1	0.77	298.0	Pg	23:35:55.849	-1.1					T__				m_e	
BE1	0.77	298.0	Sg	23:36:07.598	0.7					T__				m_e	
ZUGS	0.86	261.3	Pg	23:35:56.276	-2.3					T__				m_e	
ZUGS	0.86	261.3	Sg	23:36:10.775	1.0					T__				m_e	
FUR	0.89	313.7	Pg	23:35:58.444	-0.6					T__				m_e ML	4.4
FUR	0.89	313.7	Sg	23:36:12.301	1.7					T__				m_e	
KBA	0.89	121.9	Pg	23:35:57.498	-1.6					T__				m_e ML	3.3
KBA	0.89	121.9	Sg	23:36:10.803	0.2					T__				m_e	
BIOA	0.95	81.2	Pg	23:36:00.023	-0.3					---				m_e	
OBER	1.32	264.4	Pn	23:36:05.819	-0.3					T__				m_e ML	3.2
OBER	1.32	264.4	Sg	23:36:26.614	2.3					T__				m_e	

A105A	1.32	264.4	Pn	23:36:06.030	-0.0	---			m__	ML	4.1
A105A	1.32	264.4	Sg	23:36:27.000	2.6	---	6.1		m__		
MOA	1.40	77.0	Pn	23:36:07.664	0.6	T__			m_e	ML	3.6
MOA	1.40	77.0	Sg	23:36:28.923	2.2	T__			m_e		
UBR	1.44	275.9	Pn	23:36:07.978	0.3	T__			m_e	ML	4.0
UBR	1.44	275.9	Sg	23:36:28.764	0.6	T__			m_e		
A107D	1.45	289.5	Pn	23:36:08.850	1.0	---			m__	ML	4.2
A107D	1.45	289.5	Sg	23:36:28.800	0.4	---	8.0		m__		
NORI	1.59	317.9	Pn	23:36:09.311	-0.4	T__			m_e	ML	4.0
DAVA	1.62	261.4	Pn	23:36:11.273	1.2	T__			m_e	ML	3.7
DAVA	1.62	261.4	Sg	23:36:34.828	1.1	T__			m_e		
GEC2	1.62	36.5	Pn	23:36:10.168	0.1	T__			m_e	ML	3.7
GEC2	1.62	36.5	Sg	23:36:33.496	-0.3	T__			m_e		
WET	1.65	14.8	Pn	23:36:10.238	-0.3	T__			m_e	ML	3.8
WET	1.65	14.8	Sg	23:36:32.879	-1.8	T__			m_e		
A108A	1.80	297.1	Pn	23:36:14.010	1.5	---			m__		
A108A	1.80	297.1	Sg	23:36:38.800	-0.6	---	8.9		m__		
A104C	1.82	289.3	Pn	23:36:13.990	1.1	---			m__	ML	4.1
A104C	1.82	289.3	Sg	23:36:39.400	-0.9	---	3.4		m__		
A103D	1.83	278.8	Pg	23:36:15.300	-1.4	---			m__	ML	4.0
A103D	1.83	278.8	Sg	23:36:39.900	-0.5	---	2.8		m__		
OBKA	1.89	122.7	Pg	23:36:16.064	-1.9	T__			m_e	ML	3.8
OBKA	1.89	122.7	Sg	23:36:43.519	1.1	T__			m_e		
PLONS	2.00	256.5	Pn	23:36:17.086	1.8	T__			m_e	ML	3.3
A109A	2.06	296.6	Pn	23:36:17.290	1.2	---			m__	ML	4.2
A109A	2.06	296.6	Sg	23:36:47.100	-0.7	---	3.1		m__		
A106B	2.06	306.5	Pn	23:36:16.790	0.7	---			m__	ML	4.2
A102A	2.12	287.2	Pn	23:36:17.940	1.0	---			m__	ML	4.1
ROTZ	2.21	359.5	Pn	23:36:15.730	-2.5	T__			m_e	ML	3.7
ROTZ	2.21	359.5	Sg	23:36:49.996	-2.7	T__			m_e		
GRA1	2.24	343.0	Pn	23:36:17.603	-1.0	T__			m_e	ML	4.1
GRA1	2.24	343.0	Sg	23:36:53.090	-0.5	T__			m_e		
ARSA	2.24	96.5	Pn	23:36:19.847	1.2	T__			m_e	ML	3.7
ARSA	2.24	96.5	Sg	23:36:54.357	0.7	T__			m_e		
STU	2.37	302.1	Sg	23:36:57.221	-0.3	T__			m_e	ML	4.1
A100A	2.39	293.3	Pn	23:36:21.730	1.1	---			m__	ML	4.4
MANZ	2.43	358.1	Pn	23:36:20.328	-0.8	T__			m_e	ML	3.8
MANZ	2.43	358.1	Sg	23:36:59.442	-0.2	T__			m_e		
SLE	2.53	276.2	Pn	23:36:23.447	1.0	T__			m_e	ML	4.5
A101B	2.54	284.2	Pn	23:36:23.830	1.3	---			m__	ML	4.4
BFO	2.73	288.0	Pn	23:36:25.984	0.8	T__			m_e	ML	3.9
BFO	2.73	288.0	Sg	23:37:07.954	-1.1	T__			m_e		
SULZ	2.78	271.0	Pn	23:36:27.236	1.3	T__			m_e	ML	4.6
BALST	3.08	267.6	Pn	23:36:30.872	1.0	T__			m_e	ML	3.9
MOX	3.12	352.7	Pn	23:36:29.441	-1.0	T__			m_e	ML	4.1
MOX	3.12	352.7	Sn	23:37:07.409	2.2	T__			m_e		
MOX	3.12	352.7	Sg	23:37:22.667	1.3	T__			m_e		
TNS	3.65	318.4	Pn	23:36:38.757	1.1	T__			m_e	ML	4.1
NAST	3.91	314.2	Pn	23:36:42.307	1.2	---			m_e		
NAST	3.91	314.2	Sn	23:37:26.515	2.8	---	211.5	0.19	m_e		
KOE	4.12	315.9	Pn	23:36:45.022	1.0	---			m_e		
KOE	4.12	315.9	Sn	23:37:31.271	2.5	---	131.5	0.78	m_e		
BGG	4.17	311.3	Pn	23:36:45.201	0.5	---			m_e		
BGG	4.17	311.3	Sn	23:37:32.594	2.6	---	37.2	0.59	m_e		

WLF	4.54	300.0	Pn	23:36:51.875	2.1	T__	m_e	ML	4.0
HILG	4.56	308.9	Pn	23:36:51.068	1.0	___	m_e		
HILG	4.56	308.9	Sn	23:37:41.533	2.4	___	m_e		
STB	4.66	312.7	Pn	23:36:52.172	0.8	___	m_e		
STB	4.66	312.7	Sn	23:37:43.582	2.1	___	m_e		
BNS	4.75	317.8	Pn	23:36:53.417	0.9	___	m_e		
BNS	4.75	317.8	Sn	23:37:47.105	3.6	___	m_e		
KLL	4.96	310.8	Pn	23:36:55.802	0.4	___	m_e		
KLL	4.96	310.8	Sn	23:37:51.197	2.7	___	34.0	0.61	m_e
DREG	5.01	310.6	Pn	23:36:56.868	0.8	___	m_e		
DREG	5.01	310.6	Sn	23:37:52.542	2.9	___	m_e		
LAUG	5.12	319.8	Pn	23:36:58.361	0.7	___	m_e		
LAUG	5.12	319.8	Sn	23:37:54.933	2.6	___	m_e		

Event 91024001 NW of Mulhouse/F, Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/24	14:16:10.80	0.04	0.41	47.8224	7.2727	0.8	0.7	140	5.0f		75	11	029			m i ke	LDG	91024021
2019/10/24	14:16:10.48	0.56	0.28	47.8240	7.2490	4.4	3.3	058	10.0f		15	8	203	0.40	1.07	m i ke	BGR	91024011
2019/10/24	14:16:10.66	0.10	0.22	47.8280	7.2790	1.2	0.9	100	5.0f		40	25	132	0.14	1.31	m i ki	LED	91024001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.9	0.0	2 LDG	91024021
ML	2.5	0.2	11 LDG	91024021
ML	1.7	0.4	8 BGR	91024011
ML	1.7	0.2	25 LED	91024001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WALT	0.14	359.3	Pg	14:16:13.600	0.2					T__				md_ ML	1.6
ILLF	0.15	185.9	Pg	14:16:13.540	-0.0					T__				md_ ML	1.6
ILLF	0.15	185.9	Sg	14:16:16.270	0.7					T__				m__	
BREI	0.29	45.1	Sg	14:16:21.850	1.8					T__				m__ ML	1.9
STAU	0.31	82.1	Pg	14:16:16.870	0.4					T__				m__ ML	1.4
ENDD	0.33	110.0	Pg	14:16:16.930	0.0					T__				mci ML	1.6
ENDD	0.33	110.0	Sg	14:16:21.600	0.4					T__				m__	
VOGT	0.36	45.8	Pg	14:16:18.100	0.5					T__				m__ ML	1.7
VOGT	0.36	45.8	Sg	14:16:23.230	0.9					T__				m__	
ECH	0.40	348.4	Pg	14:16:18.090	-0.1					T__				md_ ML	1.4
ECH	0.40	348.4	Sg	14:16:23.400	0.1					T__				m__	
BOURR	0.43	184.3	Pg	14:16:19.200	0.3					T__				md_ ML	1.7
BOURR	0.43	184.3	Sg	14:16:25.440	0.9					T__				m__	
KIZ	0.45	73.1	Pg	14:16:19.160	0.0					T__				mc_ ML	1.6
KIZ	0.45	73.1	Sg	14:16:25.390	0.4					T__				m__	
FELD	0.49	84.1	Sg	14:16:26.890	0.6					T__				m__ ML	1.4
BALST	0.57	150.1	Pg	14:16:21.500	0.1					T__				m__ ML	1.3
BALST	0.57	150.1	Sg	14:16:29.280	0.6					T__				m__	
WLS	0.59	4.8	Pg	14:16:21.870	0.1					T__				m__ ML	1.7
WLS	0.59	4.8	Sg	14:16:30.210	0.9					T__				m__	
BERGE	0.60	85.5	Pg	14:16:22.122	0.0					___				m_e ML	1.7
BERGE	0.60	85.5	Sg	14:16:30.530	0.6					T__				m__	
SULZ	0.64	117.7	Sg	14:16:31.302	0.4					___				m_e ML	2.1
METMA	0.66	99.7	Pg	14:16:23.110	-0.1					T__				mc_ ML	1.6





GEC2	3.63	11.8	Sg	10:30:07.349	0.1	T__	m_e		
SLE	3.74	312.8	Pg	10:29:20.302	-2.1	T__	m_e ML	4.0	
SLE	3.74	312.8	Sg	10:30:10.179	-0.5	T__	m_e		
METMA	3.83	310.6	Pg	10:29:22.024	-2.1	T__	m_e		
METMA	3.83	310.6	Sg	10:30:12.878	-0.7	T__	m_e		
WET	3.85	3.0	Pn	10:29:09.854	-0.2	T__	m_e		
WET	3.85	3.0	Sn	10:29:53.971	1.9	T__	m_e		
BALST	3.94	302.9	Sg	10:30:16.715	-0.3	T__	m_e		
BFO	4.20	317.8	Pn	10:29:14.955	0.2	T__	m_e ML	3.2	
BFO	4.20	317.8	Sn	10:30:02.906	2.7	T__	m_e		
BFO	4.20	317.8	Sg	10:30:28.492	3.2	T__	m_e		
GRA1	4.49	348.8	Sn	10:30:07.725	0.7	T__	m_e ML	3.5	
GRA1	4.49	348.8	Sg	10:30:36.487	2.0	T__	m_e		

Event 91025004 Hirschbach, S of Susice/CR, German-Czech border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/25	20:06:34.79	0.19	0.63	49.1514	13.3698	1.3	1.1	157	4.5	1.3	57	17	030			m i uk	ZAMG	91025014
2019/10/25	20:06:35.53	0.19	0.63	49.1720	13.3660	2.2	1.1	050	2.0f		39	20	049	0.14	1.85	m i ke	BGR	91025004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	18 ZAMG	91025014
ML	2.0	0.3	15 BGR	91025004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KHC	0.14	106.4	Pg	20:06:38.205	-0.1					T__				m_e ML	1.4
KHC	0.14	106.4	Sg	20:06:40.171	0.0					T__				m_e	
WET	0.32	265.2	Pg	20:06:41.269	-0.3					T__				m_e ML	1.7
WET	0.32	265.2	Sg	20:06:45.310	-0.4					T__				m_e	
GEC2	0.39	145.9	Pg	20:06:42.685	-0.3					T__				m_e ML	2.0
GEC2	0.39	145.9	Sg	20:06:47.749	-0.3					T__				m_e	
ROTZ	0.96	308.7	Pg	20:06:53.318	-0.3					T__				m_e ML	2.0
ROTZ	0.96	308.7	Sg	20:07:05.792	-0.2					T__				m_e	
PRU	1.12	42.6	Pg	20:06:56.681	0.1					T__				m_e ML	2.0
PRU	1.12	42.6	Sg	20:07:11.775	0.8					T__				m_e	
MANZ	1.15	315.4	Pg	20:06:56.918	-0.3					T__				m_e ML	2.1
MANZ	1.15	315.4	Sg	20:07:12.292	0.2					T__				m_e	
KW1	1.17	206.1	Pg	20:06:58.513	1.0					T__				m_e ML	2.3
KW1	1.17	206.1	Sg	20:07:14.848	2.3					T__				m_e	
ROHR	1.26	327.8	Pg	20:06:58.883	-0.4					T__				m_e ML	2.5
ROHR	1.26	327.8	Sg	20:07:15.756	0.2					T__				m_e	
WERN	1.29	330.5	Pg	20:06:59.873	0.1					T__				m_e ML	2.1
WERN	1.29	330.5	Sg	20:07:16.754	0.4					T__				m_e	
GUNZ	1.37	331.1	Pg	20:07:01.228	-0.0					T__				m_e ML	2.1
GUNZ	1.37	331.1	Sg	20:07:20.271	1.4					T__				m_e	
TANN	1.37	335.2	Pg	20:07:01.183	-0.2					T__				m_e ML	2.3
TANN	1.37	335.2	Sg	20:07:19.091	-0.1					T__				m_e	
MULD	1.39	333.9	Pg	20:07:01.571	-0.1					T__				m_e ML	2.0
MULD	1.39	333.9	Sg	20:07:19.756	0.2					T__				m_e	
TREC	1.39	84.1	Pg	20:07:02.007	0.3					T__				m_e	
TREC	1.39	84.1	Sg	20:07:19.809	0.1					T__				m_e	

TRIB	1.42	326.5	Pg	20:07:02.028	-0.3	T__	m_e	ML	2.0
TRIB	1.42	326.5	Sg	20:07:21.169	0.5	T__	m_e		
RJOB	1.48	195.0	Pg	20:07:03.488	-0.0	T__	m_e		
GRA1	1.49	291.3	Pg	20:07:03.754	0.2	T__	m_e	ML	2.3
GRA1	1.49	291.3	Sg	20:07:22.994	0.2	T__	m_e		
PLN	1.53	329.8	Pg	20:07:03.873	-0.4	T__	m_e	ML	1.8
PLN	1.53	329.8	Sg	20:07:24.323	0.3	T__	m_e		
FUR	1.71	234.6	Sg	20:07:28.215	-1.6	T__	m_e		
BRG	1.74	12.1	Pn	20:07:06.223	0.3	T__	m_e		
BRG	1.74	12.1	Pg	20:07:08.248	-0.1	T__	m_e		
BRG	1.74	12.1	Sg	20:07:29.777	-1.1	T__	m_e		
MOX	1.85	323.2	Pn	20:07:08.148	0.7	T__	m_e		
MOX	1.85	323.2	Sg	20:07:34.843	0.4	T__	m_e		

Event 91025005 Bad Neustadt a. d. Saale, N of Schweinfurt

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/25	23:08:07.00	0.37	0.76	50.4819	10.1286	8.9	4.9	145	5.0f		41	13	310			m i ke	LDG	91025035
2019/10/25	23:08:08.29	0.61	0.31	50.3959	10.1799				2.8	3.5	25	17	081	0.44	2.34	m i ke	BNS	91025025
2019/10/25	23:08:07.87	0.29		50.3740	10.1660	1.1	1.1	036	16.3	4.6	45	27	060	0.16	2.14	m i ke	BGR	91025015
2019/10/25	23:08:07.80		0.53	50.3800	10.1700				15.0	1.0	55	29	064			m i uk	HLNUG	91025005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	16 LDG	91025035
ML	2.2		BNS	91025025
ML	2.3	0.3	27 BGR	91025015
ML	2.4	0.3	19 HLNUG	91025005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
HROE	0.16	357.1	Pg	23:08:12.100	0.4					T__				m__	ML	1.5
HROE	0.16	357.1	Sg	23:08:14.700	0.3					T__		1.0		m__		
SPAHL	0.32	328.9	Pg	23:08:14.900	0.6					T__				m__	ML	1.9
SPAHL	0.32	328.9	Sg	23:08:19.600	0.8					T__		0.5		m__		
WBNH	0.39	281.6	Pg	23:08:15.900	0.3					T__				m__	ML	2.2
WBNH	0.39	281.6	Sg	23:08:21.400	0.5					T__		0.6		m__		
BBWF	0.41	30.7	Pg	23:08:16.370	0.4					___				m_e	ML	1.9
BBWF	0.41	30.7	Sg	23:08:21.761	0.1					___				m_e		
UBBA	0.45	346.3	Pg	23:08:17.100	0.4					T__				m__	ML	1.8
UBBA	0.45	346.3	Sg	23:08:23.000	0.2					T__		0.2		m__		
CRUX	0.45	60.5	Pg	23:08:17.000	0.3					T__				m__	ML	1.8
CRUX	0.45	60.5	Sg	23:08:23.300	0.5					T__		0.2		m__		
VITZ	0.51	354.4	Pg	23:08:18.300	0.6					T__				m__	ML	2.7
VITZ	0.51	354.4	Sg	23:08:25.000	0.4					T__		1.0		m__		
WBG	0.57	248.7	Pg	23:08:19.300	0.5					T__				m__	ML	2.3
WBG	0.57	248.7	Sg	23:08:26.700	0.4					T__		0.3		m__		
GWBF	0.72	299.2	Pg	23:08:21.700	0.1					T__				m__	ML	2.4
GWBF	0.72	299.2	Sg	23:08:31.300	0.2					T__		0.3		m__		
HWTS	0.86	75.1	Pg	23:08:24.251	0.1					___				m_e	ML	2.1
HWTS	0.86	75.1	Sg	23:08:35.710	0.4					___				m_e		
MOX	0.96	73.4	Pg	23:08:26.000	-0.0					T__				m__	ML	2.1
MOX	0.96	73.4	Sg	23:08:39.100	0.6					T__		0.1		m__		

GRA1	0.96	135.1	Pg	23:08:26.900	0.8	T__			m__	ML	2.3
GRA1	0.96	135.1	Sg	23:08:40.100	1.4	T__		0.2	m__		
DREI	0.98	248.9	Pg	23:08:26.400	0.0	T__			m__	ML	2.3
DREI	0.98	248.9	Sg	23:08:39.400	0.2	T__		0.2	m__		
MESS	1.02	242.4	Pg	23:08:27.400	0.3	T__			m__	ML	2.8
MESS	1.02	242.4	Sg	23:08:40.800	0.4	T__		0.5	m__		
POSS	1.05	24.5	Pg	23:08:27.900	0.2	T__			m__	ML	2.8
POSS	1.05	24.5	Sg	23:08:42.200	0.8	T__		0.7	m__		
GRA2	1.05	133.0	Pg	23:08:28.426	0.6	---			m_e		
GRA2	1.05	133.0	Sg	23:08:42.478	0.9	---			m_e		
SIND	1.09	199.6	Pg	23:08:28.600	0.0	T__			m__		
SIND	1.09	199.6	Sg	23:08:43.100	0.3	T__		0.6	m__		
ERNH	1.10	237.6	Pg	23:08:28.900	0.2	T__			m__	ML	2.7
ERNH	1.10	237.6	Sg	23:08:43.700	0.6	T__		0.4	m__		
WBB	1.11	241.5	Pg	23:08:29.500	0.7	T__			m__	ML	2.1
WBB	1.11	241.5	Sg	23:08:43.600	0.4	T__		0.1	m__		
TNS	1.11	262.5	Pg	23:08:29.200	0.3	T__			m__	ML	2.5
TNS	1.11	262.5	Sg	23:08:44.000	0.6	T__		0.2	m__		
WBA	1.13	230.6	Pg	23:08:29.400	0.1	T__			m__	ML	2.2
WBA	1.13	230.6	Sg	23:08:44.100	0.1	T__		0.1	m__		
TAUT	1.15	57.8	Pg	23:08:29.622	0.1	---			m_e	ML	2.5
TAUT	1.15	57.8	Sg	23:08:44.738	0.3	---			m_e		
GRA4	1.15	134.5	Pg	23:08:29.976	0.3	---			m_e		
GRA4	1.15	134.5	Sg	23:08:45.061	0.4	---			m_e		
SONN	1.16	7.9	Pg	23:08:30.285	0.4	---			m_e	ML	2.9
SONN	1.16	7.9	Sg	23:08:44.971	-0.0	---			m_e		
GTTG	1.17	353.7	Pg	23:08:30.600	0.6	T__			m__	ML	2.8
GTTG	1.17	353.7	Sg	23:08:45.600	0.3	T__		0.5	m__		
MLFH	1.28	70.6	Pg	23:08:31.753	-0.3	---			m_e	ML	2.2
MLFH	1.28	70.6	Sg	23:08:48.824	0.1	---			m_e		
CHRS	1.30	18.1	Pg	23:08:32.200	-0.1	T__			m__	ML	2.6
CHRS	1.30	18.1	Sg	23:08:49.100	-0.1	T__		0.2	m__		
GWBE	1.30	258.6	Pg	23:08:32.600	0.1	T__			m__	ML	2.5
GWBE	1.30	258.6	Sg	23:08:49.400	0.0	T__		0.2	m__		
MANZ	1.30	106.9	Pg	23:08:32.163	-0.3	---			m_e	ML	2.3
MANZ	1.30	106.9	Sg	23:08:49.870	0.5	---			m_e		
NEUB	1.31	50.2	Pg	23:08:32.461	-0.1	---			m_e	ML	2.5
NEUB	1.31	50.2	Sg	23:08:51.015	1.4	---			m_e		
WERD	1.36	86.3	Sg	23:08:51.688	0.4	---			m_e	ML	2.3
KAST	1.38	307.3	Pg	23:08:32.800	-1.1	T__			m__	ML	2.2
KAST	1.38	307.3	Sg	23:08:51.700	-0.2	T__		0.1	m__		
FACH	1.39	269.9	Pg	23:08:34.300	0.2	T__			m__		
FACH	1.39	269.9	Sg	23:08:51.400	-0.7	T__			m__		
WERN	1.41	92.9	Sg	23:08:52.512	-0.3	---			m_e	ML	2.8
WIMM	1.42	35.9	Sg	23:08:53.205	0.2	---			m_e	ML	2.2
ROTZ	1.44	114.3	Sg	23:08:53.834	-0.0	---			m_e	ML	2.3
GWBO	1.47	253.2	Sg	23:08:55.000	0.4	T__			m__		
CLZ	1.47	4.9	Pn	23:08:33.400	0.4	T__			m__	ML	2.6
CLZ	1.47	4.9	Sn	23:08:52.300	1.4	T__		0.2	m__		
GWBD	1.47	260.5	Pg	23:08:35.600	-0.1	T__			m__		
GWBD	1.47	260.5	Sg	23:08:54.600	-0.2	T__			m__		
NAST	1.49	263.7	Sg	23:08:53.941	-1.3	---		53.4	0.20	m_e	
KOE	1.55	272.6	Sg	23:08:55.400	-2.0	---		25.6	0.37	m_e	
IMS	1.66	242.6	Pg	23:08:39.300	0.2	T__			m__		



BFO	0.48	132.5	Sg	12:42:19.660	0.1	T__	m__	
ROTT	0.53	25.6	Pg	12:42:15.259	1.0	___	m_e ML	1.5
ROTT	0.53	25.6	Sg	12:42:22.770	1.7	T__	m__	
VOEL	0.54	305.3	Sg	12:42:22.110	0.5	T__	m__ ML	1.7
VOEL	0.54	305.3	SmS	12:42:25.830	-1.8	T__	m__	
LDE	0.57	23.1	Sg	12:42:24.471	2.1	___	m_e	
VOGT	0.58	188.6	Sg	12:42:23.480	0.7	T__	m__ ML	1.7
ECH	0.61	224.4	Pg	12:42:15.690	-0.1	T__	m__ ML	2.1
ECH	0.61	224.4	Sg	12:42:23.620	-0.1	T__	m__	
ECH	0.61	224.4	SmS	12:42:26.390	-2.9	T__	m__	
GALG	0.66	78.1	Pg	12:42:16.750	-0.0	T__	mc__ ML	2.1
GALG	0.66	78.1	Sg	12:42:25.430	0.1	T__	m__	
GALG	0.66	78.1	SmS	12:42:28.520	-2.0	T__	m__	
BRET	0.69	58.1	PmP	12:42:18.260	-2.0	T__	m__ ML	2.0
KIZ	0.70	173.5	Pg	12:42:17.470	-0.1	T__	m__ ML	2.2
KIZ	0.70	173.5	Sg	12:42:26.810	0.2	T__	m__	
KIZ	0.70	173.5	SmS	12:42:28.790	-2.8	T__	m__	
A101B	0.73	136.8	Pg	12:42:18.070	-0.0	___	m__ ML	2.3
A101B	0.73	136.8	SmS	12:42:30.020	-2.3	___	m__	
ROTE	0.76	130.6	Pg	12:42:18.730	0.0	T__	m__ ML	2.2
ROTE	0.76	130.6	PmP	12:42:19.950	-1.5	T__	m__	
ROTE	0.76	130.6	Sg	12:42:28.910	0.3	T__	m__	
ROTE	0.76	130.6	SmS	12:42:31.320	-1.9	T__	m__	
WALT	0.77	207.0	Pg	12:42:19.530	0.7	T__	m__ ML	2.0
A100A	0.77	104.7	Pg	12:42:19.450	0.6	T__	m__ ML	2.5
A100A	0.77	104.7	Sg	12:42:29.690	0.8	T__	m__	
BERGE	0.82	162.0	Pg	12:42:19.970	0.2	T__	m__ ML	2.0
BERGE	0.82	162.0	Sg	12:42:30.730	0.3	___	m_e	
STU	0.93	82.2	Sg	12:42:35.075	1.3	___	m_e	
ENDD	0.94	182.5	Pg	12:42:22.300	0.3	T__	md__ ML	2.0
ENDD	0.94	182.5	Sg	12:42:34.570	0.4	T__	m__	
IMS	0.94	4.0	Pn	12:42:22.130	-1.4	T__	m__ ML	1.7
IMS	0.94	4.0	Pg	12:42:22.420	0.4	T__	m__	
FREU	0.98	114.8	Sg	12:42:36.340	0.9	T__	m__ ML	2.1
METMA	0.99	162.1	Pg	12:42:23.080	0.1	T__	md__ ML	1.9
METMA	0.99	162.1	Sg	12:42:36.040	0.3	___	m_e	
SLE	1.00	152.2	Pn	12:42:23.040	-1.3	T__	m__ ML	1.8
SLE	1.00	152.2	Pg	12:42:23.530	0.4	T__	m__	
EMING	1.03	137.1	Pn	12:42:23.650	-1.1	T__	m__ ML	2.0
EMING	1.03	137.1	Sg	12:42:37.051	0.0	___	m_e	
GUT	1.05	123.2	Pn	12:42:23.890	-1.1	T__	md__ ML	2.1
A102A	1.06	118.4	Pg	12:42:24.750	0.4	___	m__ ML	2.4
A102A	1.06	118.4	Sg	12:42:39.030	1.0	___	m__	
A109A	1.12	100.2	Pg	12:42:25.830	0.5	___	m__ ML	2.5
A109A	1.12	100.2	Sg	12:42:41.010	1.2	___	m__	
SULZ	1.14	169.4	Pg	12:42:25.986	0.1	___	m_e ML	2.0
SULZ	1.14	169.4	Sg	12:42:41.800	1.1	T__	m__	
ZWI	1.16	109.4	Sg	12:42:42.280	1.0	T__	m__ ML	2.3
URBA	1.19	80.5	Pn	12:42:25.750	-1.2	T__	m__ ML	1.9
URBA	1.19	80.5	Pg	12:42:26.910	0.1	T__	m__	
ABH	1.24	352.5	Pg	12:42:27.300	-0.3	T__	m__ ML	1.6
RIVT	1.25	327.7	Pg	12:42:27.900	-0.0	___	m_e	
DEGG	1.26	91.4	Sg	12:42:45.410	0.9	T__	m__ ML	2.3
BOURR	1.32	197.0	Sg	12:42:47.190	1.1	T__	m__ ML	2.2

BALST	1.32	183.1	Pg	12:42:29.360	0.2	T__	m__	ML	1.8
BALST	1.32	183.1	Sg	12:42:46.690	0.4	T__	m__		
A108A	1.38	102.1	Pg	12:42:30.630	0.3	---	m__	ML	2.8
A108A	1.38	102.1	Sg	12:42:48.950	0.8	---	m__		
BEUR	1.50	342.0	Sg	12:42:52.380	0.4	---	m__	ML	1.5
HDH	1.59	91.6	Sg	12:42:54.940	0.0	---	m__	ML	2.1
TNS	1.62	14.8	Pg	12:42:34.300	-0.6	---	m__	ML	2.6
TNS	1.62	14.8	Sg	12:42:56.267	0.4	---	m_e		
WOER	1.66	76.5	Pg	12:42:35.740	0.1	---	m__	ML	1.8
WOER	1.66	76.5	Sg	12:42:56.880	-0.2	---	m__		
UBR	1.82	121.4	Sg	12:43:02.431	0.3	---	m_e		
NORI	1.87	86.9	Sg	12:43:04.158	0.6	---	m_e		
PLONS	1.92	145.9	Sg	12:43:05.632	0.2	---	m_e		
DAVA	1.95	133.7	Sg	12:43:06.343	0.0	---	m_e		

Event 91027003 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/27	17:52:58.39	0.72	0.36	46.2577	12.8914				13.0f		24	14	283	0.88	6.23	m i ke	BNS	91027033
2019/10/27	17:52:56.00	0.23	0.70	46.1304	13.0377	4.4	3.0	096	2.0	0.0	101	29	167			m i ke	LDG	91027023
2019/10/27	17:52:55.27	0.20	1.10	46.1864	12.7807	1.8	1.0	012	12.0	0.0	50	13	012			m i uk	ZAMG	91027013
2019/10/27	17:52:57.37	0.35	0.98	46.1670	12.8330	4.4	3.3	175	10.0f		41	22	222	0.98	5.00	m i ke	BGR	91027003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		BNS	91027033
ML	3.0	0.3	26 LDG	91027023
ML	3.2	0.3	23 ZAMG	91027013
ML	2.8	0.3	13 BGR	91027003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.98	20.9	Pg	17:53:13.808	-2.0					T__				m_e	ML 2.6
KBA	0.98	20.9	Sg	17:53:27.760	-0.8					T__				m_e	
SCE	1.16	318.9	Pg	17:53:18.197	-1.2					---				m_e	
SCE	1.16	318.9	Sg	17:53:33.387	-1.1					---				m_e	
OBKA	1.23	73.3	Pg	17:53:20.009	-0.7					T__				m_e	ML 2.8
OBKA	1.23	73.3	Sg	17:53:38.683	2.0					T__				m_e	
WTTA	1.37	323.6	Pn	17:53:20.900	-0.9					---				m_e	
WATA	1.45	324.1	Pn	17:53:22.300	-0.6					---				m_e	
SQTA	1.53	314.0	Pn	17:53:24.000	-0.0					---				m_e	
SQTA	1.53	314.0	Sn	17:53:43.300	0.3					---				m_e	
RJOB	1.57	359.1	Pn	17:53:24.721	0.2					T__				m_e	ML 2.8
RJOB	1.57	359.1	Sg	17:53:48.358	1.0					T__				m_e	
MOTA	1.67	315.5	Pn	17:53:26.185	0.3					---				m_e	
MOTA	1.67	315.5	Sn	17:53:46.553	0.3					---				m_e	
FETA	1.68	301.3	Pn	17:53:26.701	0.7					---				m_e	
FETA	1.68	301.3	Sg	17:53:49.100	-1.7					---				m_e	
PART	1.77	319.2	Pn	17:53:29.314	2.0					T__				m_e	ML 2.6
PART	1.77	319.2	Sg	17:53:55.399	1.6					T__				m_e	
ZUGS	1.78	315.2	Pn	17:53:29.798	2.4					T__				m_e	ML 2.0
ZUGS	1.78	315.2	Sg	17:53:55.993	2.0					T__				m_e	
MOA	1.95	29.6	Pn	17:53:31.219	1.6					T__				m_e	ML 2.7
MOA	1.95	29.6	Sg	17:53:58.155	-1.1					T__				m_e	

KW1	1.96	355.4	Pn	17:53:31.257	1.4	T__	m_e	ML	3.0
KW1	1.96	355.4	Sg	17:54:00.519	0.8	T__	m_e		
BE1	2.06	328.4	Pn	17:53:32.963	1.8	T__	m_e	ML	3.1
BE1	2.06	328.4	Sg	17:54:03.330	0.4	T__	m_e		
ARSA	2.14	58.6	Pn	17:53:33.081	0.8	T__	m_e		
FUR	2.26	332.6	Pg	17:53:38.664	-1.3	T__	m_e	ML	3.2
FUR	2.26	332.6	Sg	17:54:09.500	0.3	T__	m_e		
DAVA	2.31	300.0	Pn	17:53:36.801	2.2	T__	m_e	ML	3.0
DAVA	2.31	300.0	Sg	17:54:11.020	0.1	T__	m_e		
UBR	2.40	310.1	Pn	17:53:37.259	1.5	T__	m_e	ML	3.2
GEC2	2.74	12.0	Pn	17:53:41.017	0.6	T__	m_e	ML	2.9
GEC2	2.74	12.0	Sg	17:54:24.198	-0.3	T__	m_e		
WET	2.98	0.6	Pn	17:53:43.823	0.2	T__	m_e	ML	3.0
WET	2.98	0.6	Sn	17:54:18.811	1.8	T__	m_e		
WET	2.98	0.6	Sg	17:54:32.474	0.5	T__	m_e		
SLE	3.37	299.9	Pn	17:53:49.687	0.8	T__	m_e		
SLE	3.37	299.9	Sg	17:54:44.090	-0.2	T__	m_e		
SULZ	3.50	294.6	Pn	17:53:51.801	1.0	T__	m_e		
SULZ	3.50	294.6	Sn	17:54:32.532	3.2	T__	m_e		
SULZ	3.50	294.6	Sg	17:54:48.679	-0.0	T__	m_e		
BERGE	3.60	299.9	Pn	17:53:52.829	0.7	T__	m_e		
BERGE	3.60	299.9	Sn	17:54:33.440	1.8	T__	m_e		
ROTZ	3.62	353.6	Pn	17:53:52.598	0.2	T__	m_e		
BFO	3.74	306.9	Pn	17:53:54.778	0.8	T__	m_e		
BFO	3.74	306.9	Sn	17:54:37.825	2.8	T__	m_e		
ECH	4.36	300.1	Pn	17:54:03.195	0.8	T__	m_e		
MOX	4.55	350.2	Pn	17:54:04.625	-0.3	T__	m_e		
MOX	4.55	350.2	Sn	17:54:55.687	1.8	T__	m_e		
TNS	5.00	325.8	Pn	17:54:12.469	1.4	T__	m_e		
KOE	5.44	323.3	Pn	17:54:17.904	0.8	---	m_e		
KOE	5.44	323.3	Sn	17:55:17.793	2.9	---	10.8	0.54	m_e
BGG	5.45	319.8	Pn	17:54:17.953	0.8	---	m_e		
BGG	5.45	319.8	Sn	17:55:18.061	3.0	---	m_e		
HILG	5.81	317.4	Pn	17:54:23.221	1.2	---	m_e		
HILG	5.81	317.4	Sn	17:55:27.103	3.5	---	6.1	0.72	m_e
STB	5.95	320.3	Pn	17:54:24.877	0.9	---	m_e		
STB	5.95	320.3	Sn	17:55:29.534	2.7	---	3.0	0.57	m_e
HOBG	6.03	325.0	Pn	17:54:25.717	0.7	---	m_e		
HOBG	6.03	325.0	Sn	17:55:32.691	3.9	---	9.9	0.72	m_e
DREG	6.27	318.2	Pn	17:54:29.531	1.2	---	m_e		

Event 91028003 Ahrweiler, S of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/28	23:03:10.30	0.12	0.76	50.4288	7.3025	2.2	1.7	075	13.0f		38	10	089			m i ke	LDG	91028053
2019/10/28	23:03:10.45	0.84	0.31	50.4533	7.3293				13.5	2.7	21	11	096	0.25	0.73	m i ke	BNS	91028043
2019/10/28	23:03:10.20		0.63	50.4600	7.3600				12.0f		37	20	071			m i ke	HLNUG	91028033
2019/10/28	23:03:10.60	0.47	0.21	50.4440	7.3180				13.0	1.7		22	052			m i ke	GDNRW	91028023
2019/10/28	23:03:10.41	0.22	0.50	50.4450	7.3150	2.2	2.2	056	10.0f		21	12	065	0.58	2.22	m i ke	BGR	91028013
2019/10/28	23:03:11.01	0.14	0.29	50.4450	7.3190	1.4	1.3	334	12.0	2.0	37	27	058	0.03	1.84	m i ke	LED	91028003

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.1	0.3	3	LDG	91028053
ML	1.7			BNS	91028043
ML	1.7	0.2	13	HLNUG	91028033
ML	1.6			GDNRW	91028023
ML	1.9	0.2	7	BGR	91028013
ML	1.7	0.1	23	LED	91028003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DEP02	0.03	181.3	Pg	23:03:13.260	0.2					T__				mc_	
DEP02	0.03	181.3	Sg	23:03:14.880	0.3					T__				m__	
NICK	0.03	181.3	Pg	23:03:13.210	0.1					T__				mc_ ML	1.7
NICK	0.03	181.3	Sg	23:03:14.720	0.2					T__				m__	
DEP14	0.04	275.2	Pg	23:03:13.350	0.2					T__				mc_	
DEP14	0.04	275.2	Sg	23:03:15.020	0.4					T__				m__	
OCHT	0.11	167.0	Pg	23:03:13.810	-0.1					T__				md_ ML	1.7
OCHT	0.11	167.0	Sg	23:03:15.730	-0.2					T__				m__	
GLOK	0.12	36.2	Pg	23:03:14.110	0.0					T__				mdi ML	1.8
GLOK	0.12	36.2	Sg	23:03:16.150	-0.1					T__				m__	
BHE	0.13	224.0	Pg	23:03:14.100	-0.1					T__				md_	
BHE	0.13	224.0	Sg	23:03:16.200	-0.1					T__		163.7	0.08	m__	
LAGB	0.16	238.9	Pg	23:03:14.490	-0.2					T__				mc_ ML	1.8
LAGB	0.16	238.9	Sg	23:03:16.890	-0.3					T__				m__	
BGG	0.24	177.2	Pg	23:03:15.676	-0.3					---				m_e	
BGG	0.24	177.2	Sg	23:03:19.286	-0.1					---		138.0	0.14	m_e	
KOE	0.26	94.1	Pg	23:03:16.280	-0.1					---				m_e	
KOE	0.26	94.1	Sg	23:03:19.783	-0.3					---		182.5	0.25	m_e	
TDN	0.27	298.7	Pg	23:03:16.440	-0.1					T__				mc_	
TDN	0.27	298.7	Sg	23:03:20.370	0.1					---		49.0	0.19	m_e	
STB	0.34	296.3	Pg	23:03:17.571	-0.1					---				m_e	
STB	0.34	296.3	Sg	23:03:21.798	-0.5					---				m_e	
WBS	0.36	356.4	Pg	23:03:18.110	-0.0					T__				m__	
WBS	0.36	356.4	Sg	23:03:22.730	-0.3					T__		70.0	0.19	m__	
BEUR	0.40	202.9	Pg	23:03:18.190	-0.6					T__				mdi ML	1.6
NAST	0.43	125.6	Pg	23:03:19.032	-0.3					---				m_e	
BIW	0.44	48.8	Pg	23:03:18.810	-0.7					T__				md_ ML	1.6
HILG	0.44	249.7	Pg	23:03:19.249	-0.2					---				m_e	
HILG	0.44	249.7	Sg	23:03:26.073	0.8					---		25.8	0.14	m_e	
FACH	0.44	101.4	Pg	23:03:19.220	-0.3					T__				mc_ ML	1.3
FACH	0.44	101.4	Sg	23:03:24.400	-1.0					T__				m__	
GWBD	0.50	131.4	Pg	23:03:20.350	-0.3					T__				md_ ML	1.3
GWBD	0.50	131.4	Sg	23:03:26.600	-0.6					---		0.1		m__	
BNS	0.53	350.1	Pg	23:03:20.833	-0.3					---				m_e	
BNS	0.53	350.1	Sg	23:03:27.747	-0.3					---		142.0	0.33	m_e	
HOBG	0.54	1.0	Pg	23:03:21.089	-0.3					---				m_e	
HOBG	0.54	1.0	Sg	23:03:27.949	-0.5					---		53.7	0.28	m_e	
LOH	0.56	242.6	Pg	23:03:21.840	-0.0					T__				mc_	
LOH	0.56	242.6	Sg	23:03:29.680	0.4					---		26.1	0.24	m_e	
OLFT	0.57	275.2	Pg	23:03:21.770	-0.2					---				m_e	
OLFT	0.57	275.2	Sg	23:03:29.600	0.0					---				m_e	
ABH	0.58	165.3	Pg	23:03:22.030	-0.1					T__				m__ ML	1.8
ABH	0.58	165.3	Sg	23:03:28.591	-1.2					---				m_e	
GWBC	0.61	94.6	Pg	23:03:22.800	0.2					---				m__ ML	1.7
GWBC	0.61	94.6	Sg	23:03:29.770	-0.8					T__				m__	
PLH	0.64	330.7	Pg	23:03:23.140	-0.1					---				m_e	



PLH	0.64	330.7	Sg	23:03:31.380	-0.3	___			m_e	
GWBE	0.65	121.3	Pg	23:03:22.880	-0.5	T_			m__ ML	1.4
GWBE	0.65	121.3	Sg	23:03:32.000	0.2	___	0.1		m__	
GSH	0.66	296.3	Pg	23:03:23.230	-0.4	T_			m__ ML	1.6
GWBO	0.67	139.7	Pg	23:03:23.860	0.2	T_			mc__ ML	1.9
GWBO	0.67	139.7	Sg	23:03:32.600	0.2	___	0.1		m__	
KLL	0.67	287.9	Pg	23:03:23.149	-0.7	___			m_e	
KLL	0.67	287.9	Sg	23:03:32.537	-0.1	___			m_e	
DREG	0.72	288.0	Pg	23:03:24.237	-0.6	___			m_e	
DREG	0.72	288.0	Sg	23:03:33.869	-0.4	___	18.5	0.16	m_e	
TNS	0.75	106.7	Pg	23:03:25.020	-0.3	T_			m__ ML	1.8
TNS	0.75	106.7	Sg	23:03:34.057	-1.1	___			m_e	
ENTS	0.80	4.1	Pg	23:03:25.690	-0.5	___			m_e	
ENTS	0.80	4.1	Sg	23:03:36.450	-0.2	___			m_e	
RIVT	0.82	206.0	Pg	23:03:25.874	-0.7	___			m_e	
RIVT	0.82	206.0	Sg	23:03:37.273	0.1	___			m_e	
BODE	0.82	130.1	Pg	23:03:26.440	-0.2	T_			m__ ML	1.7
BODE	0.82	130.1	Sg	23:03:37.706	0.3	___			m_e	
MEM	0.85	281.7	Pn	23:03:26.570	-1.6	T_			m__ ML	1.7
MEM	0.85	281.7	Pg	23:03:26.750	-0.4	T_			m__	
MEM	0.85	281.7	Sg	23:03:37.702	-0.5	___			m_e	
ACN	0.85	293.3	Pg	23:03:27.370	0.2	T_			m__	
ACN	0.85	293.3	Sg	23:03:38.120	-0.1	___	34.5	0.15	m_e	
RIED	0.92	130.7	Pg	23:03:28.500	0.0	___			m__	
IMS	0.93	156.1	Pg	23:03:28.490	-0.2	T_			m__ ML	2.0
IMS	0.93	156.1	Sg	23:03:40.100	-0.6	___	0.0		m__	
HGN	0.94	290.5	Pg	23:03:28.296	-0.5	___			m_e ML	1.7
HGN	0.94	290.5	Sg	23:03:40.036	-0.9	___			m_e	
HES	0.94	349.4	Sg	23:03:40.590	-0.4	___	20.4	0.42	m_e	
WILW	0.96	242.2	Pg	23:03:28.370	-0.8	T_			md__ ML	1.7
SORT	0.99	24.2	Pg	23:03:29.270	-0.6	___			m_e	
SORT	0.99	24.2	Sg	23:03:42.320	-0.4	___	12.9	0.22	m_e	
BUG	1.00	358.2	Pg	23:03:29.471	-0.4	___			m_e ML	1.9
BUG	1.00	358.2	Sg	23:03:42.463	-0.4	___			m_e	
DREI	1.01	114.4	Pg	23:03:29.400	-0.7	___			m__ ML	1.8
DREI	1.01	114.4	Sg	23:03:42.500	-0.8	___	0.1		m__	
WMG	1.03	215.9	Sg	23:03:44.150	0.4	___			m__ ML	1.6
KAST	1.03	42.0	Pg	23:03:29.482	-1.0	___			m_e ML	1.9
KAST	1.03	42.0	Sg	23:03:43.077	-0.7	___			m_e	
WBB	1.05	124.5	Pg	23:03:30.500	-0.4	___			m__	
WBB	1.05	124.5	Sg	23:03:45.200	0.6	___	0.0		m__	
MESS	1.08	119.8	Pg	23:03:30.800	-0.6	___			m__	
MESS	1.08	119.8	Sg	23:03:43.600	-1.8	___	0.1		m__	
WLF	1.08	224.3	Pg	23:03:30.567	-0.9	___			m_e	
WLF	1.08	224.3	Sg	23:03:44.906	-0.6	___			m_e	
DUP	1.09	198.6	Pg	23:03:31.280	-0.4	T_			mc__ ML	1.9
ERNH	1.12	125.8	Pg	23:03:31.400	-0.9	___			m__ ML	1.9
ERNH	1.12	125.8	Sg	23:03:46.000	-0.8	___	0.1		m__	
WBA	1.25	128.9	Pg	23:03:33.710	-0.9	T_			m__ ML	1.7
WBA	1.25	128.9	Sg	23:03:49.800	-0.9	___	0.0		m__	
WBG	1.32	101.2	Pg	23:03:35.500	-0.5	___			m__ ML	1.7
RCHB	1.37	258.6	Sg	23:03:53.480	-1.1	___			m_e ML	2.0
PEB	1.40	169.3	Sg	23:03:53.300	-2.4	___			m__ ML	2.1
WTSB	1.56	348.1	Sg	23:03:59.586	-1.0	___			m_e ML	2.3



A102A	1.72	287.9	Pg	23:27:24.200	-1.0	---										m__	ML	2.6
A102A	1.72	287.9	Sg	23:27:47.200	-0.1	---										m__		
MOA	1.77	82.2	Pg	23:27:24.908	-1.4	T__										m_e		
MOA	1.77	82.2	Sg	23:27:49.780	0.5	T__										m_e		
GEC2	1.83	47.8	Pn	23:27:24.162	-0.3	T__										m_e	ML	1.9
GEC2	1.83	47.8	Sg	23:27:50.573	-0.3	T__										m_e		
A100A	1.99	295.2	Pn	23:27:26.980	0.3	---										m__	ML	2.7
GRA1	2.07	352.4	Pg	23:27:31.501	-0.4	T__										m_e		
GRA1	2.07	352.4	Sg	23:27:58.108	-0.6	T__										m_e		
BFO	2.32	288.5	Pn	23:27:31.630	0.4	---										m__	ML	3.0
TNS	3.33	322.1	Pn	23:27:44.920	0.1	---										m__		

Event 91029007 N of Strasbourg/F, Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/29	10:47:30.10	0.04	0.38	48.6588	7.7830	0.9	0.8	100	5.0f		61	5	048			m i si	LDG	91029027
2019/10/29	10:47:30.31	0.31	0.52	48.6600	7.7950	4.4	2.2	083	5.0f		18	10	129	0.48	1.33	m i ki	BGR	91029017
2019/10/29	10:47:30.21	0.10	0.32	48.6510	7.7930	1.2	1.1	000	5.0f		52	29	079	0.08	1.32	m i ki	LED	91029007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.3	5 LDG	91029027
ML	1.6	0.1	4 BGR	91029017
ML	1.8	0.2	27 LED	91029007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.08	121.3	Pg	10:47:32.360	0.5					T__				m__	
A123A	0.08	121.3	Sg	10:47:33.430	0.4					T__				m__	
HOHE	0.20	272.3	Pg	10:47:34.280	0.1					T__				mc_ ML	1.7
HOHE	0.20	272.3	Sg	10:47:37.350	0.5					T__				m__	
BABA	0.27	75.4	Pg	10:47:35.400	-0.0					T__				mc_ ML	1.6
BABA	0.27	75.4	Sg	10:47:39.200	0.2					T__				m__	
OPP	0.30	120.4	Pg	10:47:35.980	0.0					T__				md_ ML	1.8
OPP	0.30	120.4	Sg	10:47:40.070	0.1					T__				m__	
NEEW	0.37	33.8	Pg	10:47:37.510	0.3					T__				md_ ML	1.3
NEEW	0.37	33.8	Sg	10:47:43.110	1.1					T__				m__	
WLS	0.38	230.8	Pg	10:47:37.330	-0.0					T__				mc_ ML	1.5
WLS	0.38	230.8	Sg	10:47:42.740	0.5					T__				m__	
PEB	0.42	353.1	Pg	10:47:37.950	-0.2					T__				md_ ML	1.4
PEB	0.42	353.1	Sg	10:47:43.630	0.0					T__				m__	
A124A	0.46	90.3	Sg	10:47:45.110	0.1					T__				m__ ML	1.7
BFO	0.48	131.9	Pg	10:47:39.300	0.0					T__				md_ ML	1.4
BFO	0.48	131.9	Sg	10:47:45.620	0.1					T__				m__	
ROTT	0.53	25.9	Sg	10:47:48.583	1.4					---				m_e	
ECH	0.60	224.3	Pg	10:47:42.695	1.1					---				m_e	
ECH	0.60	224.3	Sg	10:47:49.662	0.2					---				m_e	
GALG	0.67	77.9	Pg	10:47:42.660	-0.1					T__				mc_ ML	2.1
GALG	0.67	77.9	Sg	10:47:51.250	-0.2					T__				m__	
BRET	0.69	58.1	Pg	10:47:43.850	0.6					T__				m__ ML	2.0
BRET	0.69	58.1	SmS	10:47:55.040	-2.2					T__				m__	
KIZ	0.70	173.1	Pg	10:47:43.720	0.3					T__				mc_ ML	1.9
KIZ	0.70	173.1	SmS	10:47:54.800	-2.6					T__				m__	
ROTE	0.77	130.2	SmS	10:47:56.830	-2.4					T__				m__ ML	2.0

A100A	0.78	104.4	Sg	10:47:55.310	0.4	T__	m__ ML	2.2
A100A	0.78	104.4	SmS	10:47:57.150	-2.3	T__	m__	
FELD	0.79	169.6	Pg	10:47:45.370	0.3	T__	m__ ML	1.9
FELD	0.79	169.6	PmP	10:47:45.810	-1.9	T__	m__	
FELD	0.79	169.6	Sg	10:47:55.640	0.4	T__	m__	
BERGE	0.82	161.7	Pg	10:47:45.690	-0.0	T__	m__ ML	1.9
BERGE	0.82	161.7	Sg	10:47:57.065	0.8	___	m_e	
ENDD	0.94	182.3	Pg	10:47:47.560	-0.3	T__	m__ ML	2.0
IMS	0.95	4.2	Sg	10:47:59.960	-0.3	T__	m__ ML	1.6
FREU	0.98	114.5	Pn	10:47:48.580	-1.4	T__	md__ ML	2.0
FREU	0.98	114.5	Pg	10:47:49.230	0.5	T__	m__	
FREU	0.98	114.5	Sn	10:48:02.300	-1.6	T__	m__	
METMA	0.99	161.8	Pn	10:47:49.030	-1.0	T__	m__ ML	1.6
METMA	0.99	161.8	Sn	10:48:01.680	-2.3	T__	m__	
SLE	1.00	151.9	Pn	10:47:48.860	-1.4	T__	md__ ML	1.6
SLE	1.00	151.9	Pg	10:47:49.460	0.4	T__	m__	
SLE	1.00	151.9	Sn	10:48:02.310	-2.0	T__	m__	
EMING	1.03	136.7	Pn	10:47:49.400	-1.3	T__	m__ ML	1.5
EMING	1.03	136.7	Pg	10:47:50.090	0.4	T__	m__	
EMING	1.03	136.7	Sg	10:48:03.420	0.4	T__	m__	
ILLF	1.03	200.5	Sg	10:48:04.260	1.2	T__	m__ ML	1.8
GUT	1.05	122.9	Pn	10:47:49.670	-1.3	T__	md__ ML	1.8
GUT	1.05	122.9	Sg	10:48:04.220	0.5	T__	m__	
SULZ	1.14	169.1	Pg	10:47:52.038	0.3	___	m_e	
SULZ	1.14	169.1	Sg	10:48:07.304	0.8	___	m_e	
URBA	1.20	80.4	Sn	10:48:07.000	-1.9	T__	m__ ML	1.8
URBA	1.20	80.4	Sg	10:48:08.280	0.0	T__	m__	
WBA	1.21	33.4	Sn	10:48:06.340	-2.8	T__	m__ ML	1.8
ABH	1.24	352.7	Pg	10:47:53.393	-0.2	___	m_e	
ABH	1.24	352.7	Sg	10:48:08.939	-0.7	___	m_e	
DEGG	1.27	91.2	Sg	10:48:11.040	0.5	T__	m__ ML	2.1
BOURR	1.31	196.9	Sg	10:48:13.280	1.4	T__	m__	
BALST	1.32	182.9	Sg	10:48:12.370	0.3	T__	m__ ML	1.8

Event 91029008 Darmstadt-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/29	17:24:05.50	0.05	0.24	49.8073	8.7198	1.2	0.8	077	12.0f		26	3	080			m i ke	LDG	91029048
2019/10/29	17:24:05.53	0.61	0.26	49.8269	8.6967				9.5	4.2	14	10	123	0.43	1.41	m i ke	BNS	91029038
2019/10/29	17:24:05.64	0.16	0.26	49.8160	8.7590	2.7	1.3	062	11.9	1.9	30	17	083	0.07	1.37	m i ke	LED	91029028
2019/10/29	17:24:05.26	0.17		49.8000	8.7800	2.2	1.1	137	6.3	5.9	34	20	051	0.33	2.28	m i ke	BGR	91029018
2019/10/29	17:24:05.40	0.20	0.94	49.8400	8.7300				7.0	1.0	59	30	036			m i ke	HLNUG	91029008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.1	5 LDG	91029048
ML	1.6		BNS	91029038
ML	1.9	0.2	15 LED	91029028
ML	2.0	0.2	10 BGR	91029018
ML	2.2	0.2	23 HLNUG	91029008

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

WBB	0.04	272.9	Pg	17:24:08.100	1.3	T__		m__	ML	2.1
WBB	0.04	272.9	Sg	17:24:10.000	2.2	T__	1.3	m__		
WBDA	0.06	306.9	Pg	17:24:08.100	1.1	T__		m__		
WBDA	0.06	306.9	Sg	17:24:10.100	2.0	T__		m__		
ERNH	0.06	180.0	Pg	17:24:07.800	0.8	T__		m__		
ERNH	0.06	180.0	Sg	17:24:09.500	1.3	T__	1.9	m__		
MESS	0.07	23.2	Pg	17:24:08.100	1.0	T__		m__	ML	1.9
MESS	0.07	23.2	Sg	17:24:10.100	1.8	T__	2.0	m__		
GODD	0.14	263.9	Pg	17:24:09.800	1.5	T__		m__	ML	2.3
GODD	0.14	263.9	Sg	17:24:13.600	3.4	T__	2.0	m__		
DREI	0.18	4.1	Pg	17:24:09.800	0.8	T__		m__	ML	2.1
DREI	0.18	4.1	Sg	17:24:13.100	1.6	T__	0.8	m__		
WBA	0.19	163.2	Pg	17:24:09.300	0.0	T__		m__	ML	2.4
WBA	0.19	163.2	Sg	17:24:12.000	0.1	T__	1.7	m__		
RIED	0.21	270.1	Pg	17:24:10.700	1.1	T__		m__	ML	2.0
RIED	0.21	270.1	Sg	17:24:15.400	2.9	T__	0.6	m__		
WBBU	0.27	215.2	Pg	17:24:11.400	0.9	T__		m__	ML	2.1
WBBU	0.27	215.2	Sg	17:24:16.900	2.8	T__	0.7	m__		
BODE	0.29	284.4	Pg	17:24:11.700	0.7	T__		m__	ML	2.4
BODE	0.29	284.4	Sg	17:24:16.300	1.5	T__	1.1	m__		
HECH	0.31	292.7	Pg	17:24:12.900	1.5	T__		m__	ML	2.2
HECH	0.31	292.7	Sg	17:24:17.600	2.0	T__	0.6	m__		
TNS	0.42	334.7	Pg	17:24:14.000	0.5	T__		m__	ML	2.0
TNS	0.42	334.7	Sg	17:24:20.700	1.7	T__	0.3	m__		
GWBE	0.44	307.2	Pg	17:24:14.500	0.7	T__		m__	ML	2.2
GWBE	0.44	307.2	Sg	17:24:20.600	1.0	T__	0.4	m__		
A128A	0.45	191.2	Pg	17:24:14.710	0.8	___		m__		
GWBO	0.49	281.6	Pg	17:24:15.200	0.5	T__		m__	ML	2.3
GWBO	0.49	281.6	Sg	17:24:22.200	1.2	T__	0.4	m__		
WBG	0.51	49.9	Pg	17:24:15.600	0.4	T__		m__	ML	1.9
WBG	0.51	49.9	PmP	17:24:17.250	-1.4	___		m__		
WBG	0.51	49.9	Sg	17:24:22.900	1.0	T__	0.2	m__		
IMS	0.59	245.7	Pg	17:24:16.400	-0.2	T__		m__	ML	1.8
IMS	0.59	245.7	Sg	17:24:24.300	0.1	T__	0.1	m__		
GWBD	0.60	297.6	Pg	17:24:17.100	0.4	T__		m__	ML	2.1
GWBD	0.60	297.6	Sg	17:24:24.900	0.4	T__	0.2	m__		
A115A	0.60	159.6	Pg	17:24:16.830	-0.0	___		m__		
A115A	0.60	159.6	Sg	17:24:24.440	-0.2	___		m__		
GWBC	0.63	332.0	Pg	17:24:18.000	0.7	T__		m__	ML	1.8
GWBC	0.63	332.0	Sg	17:24:26.300	0.9	T__	0.1	m__		
NAST	0.66	302.8	Sg	17:24:26.690	0.2	___	54.9	0.33	m_e	
FACH	0.70	317.8	Pg	17:24:19.400	0.8	T__		m__	ML	1.5
FACH	0.70	317.8	Sg	17:24:28.900	1.2	T__	0.7	m__		
SIND	0.75	130.5	Pg	17:24:19.700	0.1	T__		m__	ML	2.4
SIND	0.75	130.5	Sg	17:24:29.200	-0.1	T__	0.3	m__		
ABH	0.76	273.6	Pg	17:24:19.600	-0.2	T__		m__	ML	2.0
ABH	0.76	273.6	Sg	17:24:30.500	0.8	T__	0.1	m__		
ROTT	0.80	208.2	Sg	17:24:31.385	0.3	___		m_e		
WBNH	0.82	40.7	Pg	17:24:21.200	0.3	T__		m__	ML	2.2
WBNH	0.82	40.7	Sg	17:24:32.300	0.8	T__	0.2	m__		
BRET	0.83	181.9	PmP	17:24:21.030	-2.4	___		m__	ML	2.0
BRET	0.83	181.9	Sg	17:24:31.030	-0.7	___		m__		
KOE	0.87	312.8	Pg	17:24:21.786	0.0	___		m_e		
KOE	0.87	312.8	Sg	17:24:33.243	0.2	___	13.0	0.13	m_e	

A117A	0.96	145.3	Pn	17:24:23.420	-1.3	---	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
A117A	0.96	145.3	Sn	17:24:35.900	-2.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
BGG	0.97	292.8	Pg	17:24:23.474	-0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BGG	0.97	292.8	Sg	17:24:35.877	-0.3	---	---	---	---	---	15.0	0.25	---	---	---	---	---	---	m_e	---	---
NEEW	0.97	205.0	Sg	17:24:35.951	-0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
GALG	1.05	178.2	PmP	17:24:25.350	-1.9	---	---	---	---	---	---	---	---	---	---	---	---	---	m_ ML	1.9	---
SPAHL	1.11	42.4	Pg	17:24:26.601	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.3	---
SPAHL	1.11	42.4	Sg	17:24:40.992	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
STU	1.11	164.0	Sg	17:24:40.553	-0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.0	---
HROE	1.15	52.1	Pg	17:24:27.300	0.2	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_ ML	2.1	---
HROE	1.15	52.1	Sg	17:24:42.400	0.4	---	---	---	T_	---	0.1	---	---	---	---	---	---	---	m_	---	---
LAGB	1.17	297.1	Pg	17:24:28.000	0.6	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_	---	---
LAGB	1.17	297.1	Sg	17:24:41.700	-0.8	---	---	---	T_	---	0.2	---	---	---	---	---	---	---	m_	---	---
UBBA	1.27	39.2	Sg	17:24:45.416	-0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e ML	1.8	---
RIVT	1.28	264.8	Pn	17:24:29.324	0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
RIVT	1.28	264.8	Pg	17:24:30.392	0.9	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
RIVT	1.28	264.8	Sg	17:24:46.233	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
VITZ	1.36	39.1	Pg	17:24:29.900	-1.2	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_ ML	2.2	---
VITZ	1.36	39.1	Sg	17:24:48.400	-0.3	---	---	---	T_	---	0.1	---	---	---	---	---	---	---	m_	---	---
KAST	1.38	351.8	Pg	17:24:30.200	-1.2	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_ ML	2.3	---
KAST	1.38	351.8	Sg	17:24:50.650	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
OPP	1.39	195.0	Pn	17:24:27.850	-2.6	---	---	---	---	---	---	---	---	---	---	---	---	---	m_ ML	2.1	---
HILG	1.39	289.7	Sn	17:24:47.300	-1.0	---	---	---	---	---	10.6	0.45	---	---	---	---	---	---	m_e	---	---
STB	1.43	302.7	Pn	17:24:29.700	-1.3	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
STB	1.43	302.7	Sn	17:24:48.100	-1.0	---	---	---	---	---	6.6	0.33	---	---	---	---	---	---	m_e	---	---
CRUX	1.52	59.2	Pn	17:24:30.300	-2.0	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_ ML	2.2	---
CRUX	1.52	59.2	Sg	17:24:52.900	-0.9	---	---	---	T_	---	0.1	---	---	---	---	---	---	---	m_	---	---
BFO	1.53	190.0	Pg	17:24:33.800	-0.5	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_ ML	1.9	---
BFO	1.53	190.0	Sg	17:24:52.600	-1.5	---	---	---	T_	---	0.2	---	---	---	---	---	---	---	m_	---	---
GRA1	1.62	94.3	Pg	17:24:35.600	-0.3	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_ ML	2.3	---
GRA1	1.62	94.3	Sg	17:24:56.100	-0.7	---	---	---	T_	---	0.1	---	---	---	---	---	---	---	m_	---	---
NORI	1.67	131.4	Sg	17:24:56.711	-1.7	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.1	---
WLF	1.67	265.0	Sg	17:24:59.220	0.6	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
ECH	1.92	213.0	Pg	17:24:40.829	-0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
ECH	1.92	213.0	Sg	17:25:05.287	-1.2	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BERGE	2.00	190.7	Sg	17:25:07.140	-1.9	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MOX	2.01	65.3	Pg	17:24:42.600	-0.8	---	---	---	T_	---	---	---	---	---	---	---	---	---	m_ ML	2.4	---
MOX	2.01	65.3	Sg	17:25:09.100	-0.3	---	---	---	T_	---	0.1	---	---	---	---	---	---	---	m_	---	---
METMA	2.15	188.6	Sg	17:25:11.902	-1.9	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
ROTZ	2.25	90.5	Pg	17:24:47.335	-0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
ROTZ	2.25	90.5	Sg	17:25:13.954	-2.8	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
CLZ	2.25	26.8	Pg	17:24:48.897	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
CLZ	2.25	26.8	Sg	17:25:17.304	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---

Event 91029006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/29	19:34:16.65	0.70	0.55	51.6021	15.9591	8.9	3.8	047	0.0	0.0	18	3	026			m i sr	ZAMG	91029016
2019/10/29	19:34:17.85	0.45	0.51	51.5800	15.9830	4.4	2.2	016	1.0f		31	14	215	0.76	3.14	m i ki	BGR	91029006

(#PRIME)

Magnitude Err Nsta Author OrigID

ML 3.2 0.1 4 ZAMG 91029016  
 ML 2.9 0.3 14 BGR 91029006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.76	165.1	Pg	19:34:32.187	-0.0					T__				m_e	ML 2.3
KSP	0.76	165.1	Sg	19:34:42.585	0.5					T__				m_e	
DPC	1.25	170.0	Pg	19:34:41.125	-0.2					T__				m_e	ML 3.4
DPC	1.25	170.0	Sg	19:34:57.795	0.3					T__				m_e	
BRG	1.46	241.8	Pg	19:34:45.026	-0.3					T__				m_e	ML 2.5
BRG	1.46	241.8	Sg	19:35:04.938	0.7					T__				m_e	
FBE	1.77	249.2	Pg	19:34:50.909	-0.3					T__				m_e	ML 2.5
FBE	1.77	249.2	Sg	19:35:14.411	0.3					T__				m_e	
CLL	1.88	262.8	Pn	19:34:49.241	-1.0					T__				m_e	ML 2.5
CLL	1.88	262.8	Pg	19:34:52.248	-1.0					T__				m_e	
CLL	1.88	262.8	Sg	19:35:17.662	0.2					T__				m_e	
MORC	2.06	150.7	Pn	19:34:52.502	-0.2					T__				m_e	ML 3.3
MORC	2.06	150.7	Sg	19:35:22.468	-0.7					T__				m_e	
TANN	2.50	243.6	Pn	19:34:58.788	0.1					T__				m_e	ML 2.8
TANN	2.50	243.6	Pg	19:35:05.791	0.8					T__				m_e	
TANN	2.50	243.6	Sg	19:35:37.223	-0.1					T__				m_e	
WERD	2.57	245.4	Pn	19:34:59.753	0.0					T__				m_e	ML 2.6
WERD	2.57	245.4	Pg	19:35:06.927	0.6					T__				m_e	
WERD	2.57	245.4	Sg	19:35:40.490	0.8					T__				m_e	
OJC	2.76	118.0	Sg	19:35:46.130	0.5					T__				m_e	ML 3.0
MOX	2.90	252.9	Pn	19:35:03.885	-0.2					T__				m_e	ML 3.0
MOX	2.90	252.9	Pg	19:35:12.490	0.1					T__				m_e	
MOX	2.90	252.9	Sg	19:35:49.760	-0.1					T__				m_e	
MANZ	2.92	238.5	Pn	19:35:05.131	0.7					T__				m_e	ML 3.1
MANZ	2.92	238.5	Sg	19:35:50.884	0.2					T__				m_e	
ROTZ	3.00	234.3	Pn	19:35:05.737	0.2					T__				m_e	ML 3.0
ROTZ	3.00	234.3	Sg	19:35:53.627	0.4					T__				m_e	
GEC2	3.10	209.0	Pn	19:35:07.289	0.5					T__				m_e	ML 3.0
GEC2	3.10	209.0	Sg	19:35:55.418	-0.9					T__				m_e	
WET	3.14	220.3	Pn	19:35:07.901	0.5					T__				m_e	ML 3.1
WET	3.14	220.3	Sg	19:35:57.734	0.2					T__				m_e	

Event 91030005 Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/10/30	22:08:41.80	0.08	0.82	47.1317	9.5666	1.5	1.2	072	4.0f		207	25	032			m i ke	LDG	91030035
2019/10/30	22:08:41.26	0.60	0.94	47.0920	9.5570				6.1	2.5	31	16	269	0.59	3.22	m i ke	BUG	91030025
2019/10/30	22:08:41.32	0.14	1.88	47.1454	9.5518	1.3	0.9	166	5.1	0.0	52	10	013			m i fe	ZAMG	91030015
2019/10/30	22:08:41.97	0.23	0.99	47.1260	9.5480	3.3	1.1	002	10.0f		64	30	146	0.14	3.77	m i ke	BGR	91030005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.3	31 LDG	91030035
MD	3.2	0.3	12 BUG	91030025
ML	3.2	0.2	12 BUG	91030025
ML	2.8	0.3	19 ZAMG	91030015
ML	2.6	0.4	23 BGR	91030005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.14	236.0	Pg	22:08:44.509	-0.6					T__				m_e	
PLONS	0.14	236.0	Sg	22:08:47.212	0.0					T__				m_e	
DAVA	0.28	54.4	Pg	22:08:46.346	-1.1					T__				m_e	ML 2.4
DAVA	0.28	54.4	Sg	22:08:51.384	0.2					T__				m_e	
OBER	0.58	60.7	Pg	22:08:52.965	-0.0					T__				m_e	ML 1.8
OBER	0.58	60.7	Sg	22:09:01.649	1.1					T__				m_e	
A105A	0.58	60.7	Pg	22:08:52.450	-0.6					___				m__	
A105A	0.58	60.7	Sg	22:09:01.590	1.0					___		0.5		m__	
UBR	0.67	34.1	Pg	22:08:54.451	-0.3					T__				m_e	ML 2.5
UBR	0.67	34.1	Sg	22:09:04.019	0.5					T__				m_e	
A103D	0.67	0.1	Pg	22:08:54.440	-0.4					___				m__	ML 2.5
A103D	0.67	0.1	Sg	22:09:03.820	0.2					___		0.5		m__	
WALHA	0.69	335.5	Pg	22:08:54.717	-0.4					T__				m_e	ML 2.2
WALHA	0.69	335.5	Sg	22:09:04.718	0.7					T__				m_e	
EMING	0.90	328.6	Pg	22:08:58.534	-0.5					T__				m_e	ML 2.4
EMING	0.90	328.6	Sg	22:09:11.446	0.6					T__				m_e	
A104A	0.94	6.6	Pg	22:09:00.920	1.1					___				m__	ML 3.0
A104A	0.94	6.6	Sg	22:09:14.780	2.7					___		0.9		m__	
SLE	0.96	312.3	Pg	22:08:59.563	-0.5					T__				m_e	ML 3.4
SLE	0.96	312.3	Sg	22:09:12.678	0.1					T__				m_e	
A107D	0.99	25.8	Pg	22:09:01.420	0.7					___				m__	ML 2.8
A107D	0.99	25.8	Sg	22:09:15.570	1.9					___		0.5		m__	
A107C	1.00	26.0	Pg	22:09:01.280	0.5					___				m__	
A107C	1.00	26.0	Sg	22:09:16.010	2.3					___		2.1		m__	
A104C	1.00	4.1	Pg	22:09:01.400	0.4					___				m__	ML 2.8
A104C	1.00	4.1	Sg	22:09:15.990	2.0					___		0.5		m__	
A102A	1.04	347.1	Pg	22:09:00.980	-0.7					___				m__	ML 2.6
A102A	1.04	347.1	Sg	22:09:16.010	0.8					___		0.3		m__	
SULZ	1.05	293.0	Pg	22:09:01.847	-0.0					T__				m_e	ML 3.4
SULZ	1.05	293.0	Sg	22:09:16.519	1.0					T__				m_e	
METMA	1.05	304.2	Pg	22:09:01.366	-0.5					T__				m_e	ML 2.2
METMA	1.05	304.2	Sg	22:09:15.538	-0.0					T__				m_e	
PART	1.13	70.2	Pg	22:09:03.217	-0.0					T__				m_e	
BERGE	1.19	309.4	Pn	22:09:03.861	-0.1					T__				m_e	ML 2.2
BERGE	1.19	309.4	Pg	22:09:04.502	0.1					T__				m_e	
BERGE	1.19	309.4	Sg	22:09:19.910	0.1					T__				m_e	
A101B	1.20	326.2	Pg	22:09:04.280	-0.3					___				m__	ML 3.1
A101B	1.20	326.2	Sg	22:09:20.510	0.4					___		0.8		m__	
BALST	1.28	280.2	Pn	22:09:05.793	0.6					T__				m_e	ML 2.7
BALST	1.28	280.2	Pg	22:09:06.830	0.8					T__				m_e	
BALST	1.28	280.2	Sg	22:09:23.060	0.5					T__				m_e	
A109A	1.32	357.4	Pg	22:09:06.520	-0.4					___				m__	ML 3.0
A109A	1.32	357.4	Sg	22:09:24.550	0.6					___		0.5		m__	
BE1	1.38	54.6	Pg	22:09:07.520	-0.4					T__				m_e	ML 2.4
BE1	1.38	54.6	Sg	22:09:26.671	0.9					T__				m_e	
A100A	1.39	342.8	Pg	22:09:07.500	-0.7					___				m__	ML 3.1
A100A	1.39	342.8	Sg	22:09:26.000	-0.3					___		0.6		m__	
WTTA	1.43	83.7	Pg	22:09:09.684	0.8					T__				m_e	ML 2.7
WTTA	1.43	83.7	Sg	22:09:28.785	1.4					T__				m_e	
BFO	1.46	326.2	Pg	22:09:08.956	-0.5					T__				m_e	ML 2.2
BFO	1.46	326.2	Sg	22:09:27.979	-0.4					T__				m_e	
FUR	1.56	47.7	Pg	22:09:11.031	-0.4					T__				m_e	ML 2.8
FUR	1.56	47.7	Sg	22:09:32.381	0.8					T__				m_e	



A106B	1.63	4.0	Pn	22:09:10.570	0.6	---						m__	ML	2.8
A106B	1.63	4.0	Sg	22:09:33.200	-0.7	---				0.2		m__		
STU	1.66	351.9	Sg	22:09:34.184	-0.6	T__						m_e	ML	2.7
NORI	1.75	24.0	Sg	22:09:37.059	-0.6	T__						m_e	ML	2.8
ECH	1.94	305.0	Pn	22:09:14.444	0.2	T__						m_e		
ECH	1.94	305.0	Pg	22:09:18.320	-0.3	T__						m_e		
ECH	1.94	305.0	Sg	22:09:42.816	-1.0	T__						m_e		
RJOB	2.28	73.3	Pg	22:09:23.475	-1.5	T__						m_e	ML	2.6
RJOB	2.28	73.3	Sg	22:09:55.166	0.7	T__						m_e		
KW1	2.28	63.0	Pg	22:09:23.809	-1.2	T__						m_e		
KW1	2.28	63.0	Sg	22:09:55.080	0.5	T__						m_e		
KBA	2.58	89.7	Pg	22:09:29.634	-1.1	T__						m_e	ML	2.7
KBA	2.58	89.7	Sg	22:10:03.788	-0.3	T__						m_e		
GRA1	2.80	22.8	Sg	22:10:10.583	-0.3	T__						m_e	ML	3.1
WET	3.00	46.5	Pn	22:09:28.684	0.1	T__						m_e	ML	2.8
WET	3.00	46.5	Pg	22:09:38.818	0.3	T__						m_e		
WET	3.00	46.5	Sn	22:10:04.234	2.1	T__						m_e		
WET	3.00	46.5	Sg	22:10:16.237	-1.1	T__						m_e		
ROTZ	3.18	32.7	Pn	22:09:29.710	-1.2	T__						m_e	ML	3.0
ROTZ	3.18	32.7	Sn	22:10:07.181	1.0	T__						m_e		
ROTZ	3.18	32.7	Sg	22:10:21.632	-1.2	T__						m_e		
TNS	3.18	347.2	Pn	22:09:32.247	1.3	T__						m_e	ML	3.3
TNS	3.18	347.2	Sn	22:10:08.026	1.7	T__						m_e		
TNS	3.18	347.2	Sg	22:10:22.816	-0.2	T__						m_e		
GEC2	3.27	56.7	Pn	22:09:33.010	0.8	T__						m_e	ML	2.9
GEC2	3.27	56.7	Sn	22:10:11.453	3.1	T__						m_e		
GEC2	3.27	56.7	Sg	22:10:24.064	-1.8	T__						m_e		
MOA	3.27	75.5	Pg	22:09:42.350	-1.2	T__						m_e	ML	2.8
MOA	3.27	75.5	Sn	22:10:08.674	0.3	T__						m_e		
MOA	3.27	75.5	Sg	22:10:25.719	-0.1	T__						m_e		
WLF	3.39	319.7	Sg	22:10:30.139	0.3	T__						m_e		
MOX	3.77	20.4	Pg	22:09:53.682	0.6	T__						m_e		
MOX	3.77	20.4	Sg	22:10:39.412	-2.4	T__						m_e		

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

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