

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 90901001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/01	00:02:41.60	0.10	0.81	42.7076	13.2051	2.9	2.0	031	8.0f		158	37	068			m i ke	LDG	90901011
2019/09/01	00:02:35.46	0.58	1.39	42.3890	13.4620	11.1	11.1	033	10.0f		41	26	306	4.19	8.92	m i ke	BGR	90901001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.9	0.4	34 LDG	90901011
ML	4.5	0.3	18 BGR	90901001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	4.19	10.3	Pn	00:03:38.763	0.6					T__				m_e ML	4.6
KBA	4.69	359.0	Pn	00:03:45.940	1.0					T__				m_e ML	4.3
KBA	4.69	359.0	Sn	00:04:37.230	1.9					T__				m_e	
WTTA	5.04	345.8	Pn	00:03:51.091	1.4					T__				m_e ML	4.6
WTTA	5.04	345.8	Sn	00:04:47.896	4.3					T__				m_e	
ARSA	5.08	16.0	Pn	00:03:51.336	1.2					T__				m_e ML	3.9
ARSA	5.08	16.0	Sn	00:04:45.291	0.9					T__				m_e	
RJOB	5.37	355.2	Pn	00:03:55.114	1.0					T__				m_e ML	4.3
RJOB	5.37	355.2	Sn	00:04:55.015	3.7					T__				m_e	
PLONS	5.49	329.5	Pn	00:03:57.963	2.2					T__				m_e ML	4.2
PLONS	5.49	329.5	Sn	00:04:55.546	1.5					T__				m_e	
MOA	5.49	5.6	Pn	00:03:56.952	1.2					T__				m_e ML	4.2
OBER	5.50	337.0	Pn	00:03:57.686	1.8					T__				m_e	
DAVA	5.52	333.8	Pn	00:03:57.921	1.8					T__				m_e ML	4.5
DAVA	5.52	333.8	Sn	00:04:56.649	1.9					T__				m_e	
WILA	5.97	328.9	Pn	00:04:03.377	1.1					T__				m_e ML	4.6
WILA	5.97	328.9	Sn	00:05:06.871	1.5					T__				m_e	
FUR	5.97	345.8	Pn	00:04:03.925	1.6					T__				m_e	
SULZ	6.38	325.5	Pn	00:04:08.721	0.9					T__				m_e ML	5.4
SULZ	6.38	325.5	Sn	00:05:14.590	-0.4					T__				m_e	
BALST	6.41	322.4	Pn	00:04:08.850	0.5					T__				m_e ML	4.6
BALST	6.41	322.4	Sn	00:05:16.295	0.5					T__				m_e	
SLE	6.42	328.6	Pn	00:04:08.585	0.2					T__				m_e	
GEC2	6.46	1.4	Pn	00:04:08.808	-0.1					T__				m_e ML	4.4
GEC2	6.46	1.4	Sn	00:05:18.886	2.0					T__				m_e	
NORI	6.63	343.6	Pn	00:04:11.238	-0.1					T__				m_e	
NORI	6.63	343.6	Sn	00:05:20.844	-0.2					T__				m_e	
WET	6.77	356.8	Pn	00:04:12.513	-0.6					T__				m_e ML	4.3
WET	6.77	356.8	Sn	00:05:25.177	1.0					T__				m_e	
BFO	6.95	330.5	Pn	00:04:15.757	0.2					T__				m_e ML	4.3
BFO	6.95	330.5	Sn	00:05:30.544	2.2					T__				m_e	
ROTZ	7.43	353.7	Pn	00:04:19.988	-2.1					T__				m_e ML	4.2
ROTZ	7.43	353.7	Sn	00:05:38.342	-1.4					T__				m_e	
GRA1	7.47	348.8	Pn	00:04:21.593	-1.0					T__				m_e ML	4.8
MANZ	7.65	353.5	Pn	00:04:24.186	-0.9					T__				m_e ML	4.3
MOX	8.35	351.9	Pn	00:04:33.631	-1.0					T__				m_e ML	4.4
MOX	8.35	351.9	Sn	00:06:00.610	-0.8					T__				m_e	
TNS	8.56	337.9	Pn	00:04:37.373	-0.0					T__				m_e	
WLF	8.86	327.7	Pn	00:04:43.034	1.5					T__				m_e	
NEUB	8.89	353.1	Pn	00:04:42.844	0.9					T__				m_e	

CLL 8.92 358.1 Pn 00:04:42.195 -0.2 T\_\_ m\_e

Event 90902004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/02	20:01:05.19	0.44	0.88	51.3530	15.9939	3.2	2.5	030	0.0	0.0	39	12	013			m i sr	ZAMG	90902014
2019/09/02	20:01:03.71	0.48	0.82	51.4780	16.1650	6.7	3.3	024	1.0f		23	16	211	0.64	3.61	m i ki	BGR	90902004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	11 ZAMG	90902014
ML	3.0	0.3	15 BGR	90902004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.64	172.7	Pg	20:01:16.413	0.6					T__				m_e ML	2.5
KSP	0.64	172.7	Sg	20:01:25.190	1.2					T__				m_e	
DPC	1.13	174.9	Pn	20:01:25.116	-0.9					T__				m_e ML	3.6
DPC	1.13	174.9	Sg	20:01:40.012	0.3					T__				m_e	
BRG	1.52	247.4	Pn	20:01:31.925	0.7					T__				m_e ML	2.8
BRG	1.52	247.4	Sg	20:01:52.522	0.6					T__				m_e	
FBE	1.85	253.6	Pn	20:01:36.372	0.7					T__				m_e ML	2.7
FBE	1.85	253.6	Sg	20:02:00.731	-1.7					T__				m_e	
MORC	1.91	152.3	Pn	20:01:37.087	0.5					T__				m_e ML	3.3
MORC	1.91	152.3	Sg	20:02:02.869	-1.6					T__				m_e	
CLL	1.98	266.3	Pn	20:01:36.354	-1.2					T__				m_e ML	2.9
OKC	2.07	141.8	Sg	20:02:08.778	-0.6					T__				m_e ML	2.7
TANN	2.56	247.0	Pn	20:01:45.626	0.2					T__				m_e ML	3.1
OJC	2.62	117.3	Pn	20:01:45.445	-0.7					T__				m_e	
WERD	2.64	248.5	Pn	20:01:46.048	-0.4					T__				m_e ML	2.9
MANZ	2.97	241.4	Pn	20:01:51.605	0.7					T__				m_e ML	3.1
MOX	2.98	255.5	Pn	20:01:50.722	-0.3					T__				m_e ML	3.2
MOX	2.98	255.5	Sg	20:02:38.200	-0.1					T__				m_e	
ROTZ	3.04	237.3	Pn	20:01:52.186	0.3					T__				m_e ML	2.9
GEC2	3.07	211.9	Pn	20:01:53.451	1.2					T__				m_e ML	3.1
WET	3.14	223.2	Pn	20:01:53.219	0.0					T__				m_e ML	3.0
GRA1	3.61	242.3	Pn	20:02:00.050	0.4					T__				m_e ML	3.5
GRA1	3.61	242.3	Sg	20:02:58.289	-0.1					T__				m_e	

Event 90904002 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/04	05:11:14.55	0.35	0.65	48.2010	9.0580	2.9	1.5	023	0.0	0.0	25	5	040			m i sm	ZAMG	90904022
2019/09/04	05:11:14.84	0.44	0.87	48.1930	9.0500				2.8	1.8	18	10	118	0.11	1.15	m i uk	BUG	90904012
2019/09/04	05:11:14.64	0.25	0.78	48.2260	9.0680	3.3	2.2	141	0.0f		17	12	067	0.36	2.04	m i km	BGR	90904002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	5 ZAMG	90904022
MD	2.6	1.0	6 BUG	90904012
ML	2.1	0.2	6 BUG	90904012

ML 1.6 0.2 9 BGR 90904002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
A102A	0.12	134.4	Pg	05:11:16.240	-0.7					___				m__	ML	1.9
A102A	0.12	134.4	Sg	05:11:18.760	0.2					___		1.5		m__		
A100A	0.25	337.5	Pg	05:11:19.670	0.4					___				m__	ML	1.7
A100A	0.25	337.5	Sg	05:11:24.090	1.6					___		0.4		m__		
A109A	0.34	49.9	Pg	05:11:21.370	0.3					___				m__	ML	1.7
A109A	0.34	49.9	Sg	05:11:27.120	1.7					___		0.2		m__		
A101B	0.36	252.9	Pg	05:11:21.280	-0.2					___				m__	ML	2.1
A101B	0.36	252.9	Sg	05:11:26.870	0.7					___		0.2		m__		
EMING	0.36	204.2	Pg	05:11:20.975	-0.5					T__				m_e	ML	1.6
EMING	0.36	204.2	Sg	05:11:26.495	0.3					T__				m_e		
A104C	0.40	104.0	Sg	05:11:28.390	0.9					___				m__		
WALHA	0.47	175.5	Sg	05:11:30.180	0.5					T__				m_e	ML	1.4
BFO	0.50	282.2	Pg	05:11:24.180	0.1					T__				m_e	ML	1.2
BFO	0.50	282.2	Sg	05:11:30.571	-0.0					T__				m_e		
A108A	0.52	76.2	Pg	05:11:24.720	0.2					___				m__	ML	2.0
A108A	0.52	76.2	Sg	05:11:32.100	0.9					___		0.2		m__		
A103D	0.53	142.6	Sg	05:11:32.000	0.4					___				m__		
A106B	0.68	39.2	Pg	05:11:29.870	2.4					___				m__	ML	2.0
A106B	0.68	39.2	Sg	05:11:40.420	4.1					___		0.1		m__		
BERGE	0.69	239.6	Pg	05:11:29.013	1.3					T__				m_e	ML	1.5
BERGE	0.69	239.6	Sg	05:11:39.382	2.7					T__				m_e		
METMA	0.75	227.0	Pg	05:11:29.071	0.3					T__				m_e	ML	1.5
METMA	0.75	227.0	Sg	05:11:40.900	2.4					T__				m_e		
A105A	1.16	134.4	Pg	05:11:37.060	0.5					___				m__	ML	2.3
A105A	1.16	134.4	Sg	05:11:53.680	2.2					___		0.1		m__		
OBER	1.16	134.4	Pg	05:11:37.279	0.8					T__				m_e	ML	1.6
OBER	1.16	134.4	Sg	05:11:53.673	2.2					T__				m_e		
ECH	1.27	270.3	Sg	05:11:55.794	0.7					T__				m_e	ML	1.6
GRC3	1.79	67.3	Sg	05:12:12.186	0.6					T__				m_e	ML	2.0
GRC4	1.84	61.1	Sg	05:12:13.835	0.8					T__				m_e	ML	1.8
ABH	1.93	329.5	Sg	05:12:18.026	2.0					T__				m_e		
GRA1	2.04	43.2	Sg	05:12:22.122	2.8					T__				m_e		
TNS	2.04	348.8	Sg	05:12:20.834	1.5					T__				m_e		

Event 90904008 Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/04	23:42:12.60	0.04	0.51	47.9125	7.6129	0.9	0.8	163	9.0f		92	14	028			m i ke	LDG	90904038
2019/09/04	23:42:11.82	1.33	0.46	47.9290	7.5070				12.4	7.5	8	4	335	0.68	1.15	m i ke	BUG	90904028
2019/09/04	23:42:12.47	0.35	0.48	47.9180	7.5920	4.4	3.3	042	10.0f		17	11	143	0.40	1.49	m i ke	BGR	90904018
2019/09/04	23:42:12.68	0.08	0.26	47.9120	7.6220	0.8	0.8	080	5.0f		55	31	057	0.00	1.60	m i ke	LED	90904008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.0	2 LDG	90904038
ML	2.1	0.3	17 LDG	90904038
MD	2.5	0.1	4 BUG	90904028
ML	2.2	0.3	4 BUG	90904028
ML	1.4	0.4	10 BGR	90904018

ML 1.5 0.2 33 LED 90904008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BREM	0.00	104.0	Pg	23:42:13.200	-0.3					---				mci	
BREM	0.00	104.0	Sg	23:42:14.070	-0.0					---				m__	
STAU	0.09	119.8	Pg	23:42:14.580	0.1					T__				md_ ML	1.3
STAU	0.09	119.8	Sg	23:42:16.080	0.3					T__				m__	
BREI	0.12	349.0	Pg	23:42:15.480	0.3					T__				m__ ML	1.6
BREI	0.12	349.0	Sg	23:42:18.150	1.3					T__				m__	
VOGT	0.17	10.7	Pg	23:42:16.350	0.3					T__				mc_ ML	1.7
VOGT	0.17	10.7	Sg	23:42:19.300	1.0					T__				m__	
FREI	0.18	56.7	Pg	23:42:16.400	0.3					T__				md_ ML	1.4
FREI	0.18	56.7	Sg	23:42:19.420	0.9					T__				m__	
FBB	0.18	59.9	Pg	23:42:16.430	0.3					T__				md_ ML	1.4
FBB	0.18	59.9	Sg	23:42:19.340	0.8					T__				m__	
KIZ	0.20	77.3	Pg	23:42:16.630	0.0					T__				mc_ ML	1.1
KIZ	0.20	77.3	Sg	23:42:19.980	0.7					T__				m__	
ENDD	0.21	158.4	Pg	23:42:16.710	-0.0					T__				md_ ML	1.2
ENDD	0.21	158.4	Sg	23:42:20.010	0.4					T__				m__	
WALT	0.24	283.2	Pg	23:42:17.280	0.0					T__				mc_ ML	1.2
FELD	0.26	97.8	Pg	23:42:17.670	0.0					T__				mc_ ML	1.1
FELD	0.26	97.8	Sg	23:42:21.500	0.5					T__				m__	
ILLF	0.34	227.0	Pg	23:42:19.250	0.2					T__				m__ ML	1.4
ILLF	0.34	227.0	Sg	23:42:24.210	0.7					T__				m__	
BERGE	0.37	96.0	Pg	23:42:19.910	0.1					T__				m__ ML	1.2
BERGE	0.37	96.0	Sg	23:42:25.370	0.7					T__				m__	
ECH	0.43	314.7	Pg	23:42:20.643	-0.3					---				m_e ML	0.8
ECH	0.43	314.7	Sg	23:42:26.417	-0.1					---				m_e	
METMA	0.47	115.0	Pg	23:42:21.650	0.1					T__				m__ ML	1.2
METMA	0.47	115.0	Sg	23:42:28.150	0.5					T__				m__	
SULZ	0.51	139.1	Pg	23:42:22.390	0.1					T__				md_ ML	1.2
SULZ	0.51	139.1	Sg	23:42:29.990	1.2					T__				m__	
WLS	0.53	340.4	Pg	23:42:22.810	0.1					T__				m__ ML	1.9
WLS	0.53	340.4	Sg	23:42:30.430	0.8					T__				m__	
BALST	0.58	175.1	Pg	23:42:23.717	0.1					---				m_e ML	1.5
BALST	0.58	175.1	Sg	23:42:32.096	1.0					---				m_e	
BOURR	0.58	207.1	Pg	23:42:23.940	0.3					T__				m__ ML	1.5
BOURR	0.58	207.1	Sg	23:42:32.100	0.9					T__				m__	
SLE	0.60	103.7	Pg	23:42:24.210	0.1					T__				mc_ ML	1.8
SLE	0.60	103.7	SmS	23:42:36.040	-1.4					T__				m__	
BFO	0.63	48.2	Pg	23:42:24.810	0.2					T__				mc_ ML	1.5
BFO	0.63	48.2	Sg	23:42:34.120	1.3					---				m_e	
A101B	0.65	71.3	Pg	23:42:25.800	0.8					---				m__ ML	2.0
A101B	0.65	71.3	Sg	23:42:37.010	3.5					---		0.1		m__	
OPP	0.70	32.5	Pg	23:42:26.200	0.4					T__				m__ ML	1.7
ROTE	0.74	70.6	Sg	23:42:37.590	1.3					T__				m__ ML	1.9
ROTE	0.74	70.6	SmS	23:42:39.750	-1.3					T__				m__	
HOHE	0.75	353.1	Sg	23:42:37.170	0.5					T__				m__ ML	1.7
EMING	0.82	90.7	Pg	23:42:29.121	0.9					---				m_e ML	1.7
STEIN	0.87	105.7	Sg	23:42:42.000	1.6					T__				m__ ML	1.9
CHMF	0.93	225.0	Pn	23:42:30.360	-1.4					T__				m__ ML	1.7
CHMF	0.93	225.0	Pg	23:42:30.810	0.5					T__				m__	
WILA	1.00	119.4	Pg	23:42:32.550	1.0					---				m_e ML	1.7
WILA	1.00	119.4	Sg	23:42:46.122	1.7					---				m_e	

WALHA	1.02	98.4	Pn	23:42:32.740	-0.2	T__									m__	ML	1.6
WALHA	1.02	98.4	Sn	23:42:46.640	-0.6	T__									m__		
A100A	1.02	57.6	Pn	23:42:31.860	-1.2	T__									m__	ML	2.3
A100A	1.02	57.6	Pg	23:42:32.660	0.7	T__									m__		
A100A	1.02	57.6	Sg	23:42:46.730	1.5	T__									m__		
FREU	1.06	71.7	Pn	23:42:32.500	-1.1	T__									m__	ML	1.4
FREU	1.06	71.7	Pg	23:42:33.340	0.6	T__									m__		
A102A	1.08	77.2	Pg	23:42:33.700	0.7	___									m__	ML	2.1
A102A	1.08	77.2	Sg	23:42:48.660	1.7	___					0.1				m__		
VOEL	1.11	342.8	Sn	23:42:47.530	-1.7	T__									m__	ML	1.4
TUBL	1.15	57.4	Sg	23:42:50.270	1.1	T__									m__	ML	1.6
PEB	1.16	3.1	Pn	23:42:33.260	-1.6	T__									m__	ML	1.8
PEB	1.16	3.1	Pg	23:42:34.690	0.2	T__									m__		
GALG	1.16	41.0	Pn	23:42:33.510	-1.4	T__									mc__	ML	2.1
GALG	1.16	41.0	Pg	23:42:34.770	0.1	T__									m__		
GALG	1.16	41.0	Sg	23:42:50.670	1.0	T__									m__		
ROTT	1.27	15.8	Sg	23:42:55.030	2.1	___									m__	ML	1.5
BUCH	1.27	64.4	Sg	23:42:54.630	1.5	T__									m__	ML	1.5
BRET	1.31	32.3	Sg	23:42:54.710	0.4	T__									m__	ML	2.1
LIENZ	1.40	115.3	Sn	23:42:56.810	0.5	___									m__	ML	1.6
PLONS	1.47	125.3	Sg	23:43:00.319	1.0	___									m_e	ML	1.1
URBA	1.60	53.9	Pg	23:42:42.890	0.1	___									m__	ML	1.6
URBA	1.60	53.9	Sg	23:43:03.500	-0.0	___									m__		

Event 90905002 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/05	14:19:20.10	0.09	0.87	47.7185	9.0913	1.6	1.3	092	3.0f		194	28	059			m i ke	LDG	90905032
2019/09/05	14:19:20.52	0.45	1.05	47.7860	9.0930				5.2	2.6	22	13	198	0.31	2.85	m i ke	BUG	90905022
2019/09/05	14:19:19.78	0.16	0.55	47.7630	9.0970	1.1	1.1	011	5.0f		41	21	046	0.02	2.72	m i ke	BGR	90905012
2019/09/05	14:19:20.08	0.04	0.18	47.7430	9.1050	0.5	0.4	346	3.0	2.0	95	52	050	0.02	2.37	m i ke	LED	90905002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	31 LDG	90905032
MD	3.3	0.3	11 BUG	90905022
ML	3.3	0.2	11 BUG	90905022
ML	2.8	0.4	19 BGR	90905012
ML	2.9	0.2	59 LED	90905002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WALHA	0.02	51.2	Pg	14:19:20.380	-0.3					T__				md__	
WALHA	0.02	51.2	Sg	14:19:21.060	-0.0					___				m_e	
KONZ	0.09	152.2	Pg	14:19:21.740	-0.1					T__				md__	ML 3.2
KONZ	0.09	152.2	Sg	14:19:23.770	0.8					T__				m__	
STEIN	0.17	245.3	Pg	14:19:23.710	0.3					T__				mc__	ML 2.8
STEIN	0.17	245.3	Sg	14:19:26.810	1.1					T__				m__	
EMING	0.23	311.4	Pg	14:19:24.630	0.2					T__				mc__	ML 2.8
EMING	0.23	311.4	Sg	14:19:28.320	0.9					T__				m__	
ROMAN	0.24	138.9	Pg	14:19:24.740	0.2					T__				mc__	ML 2.8
A103D	0.30	78.9	Pg	14:19:25.970	0.1					T__				mc__	ML 2.8
A103D	0.30	78.9	Sg	14:19:30.630	0.8					T__				m__	
GUT	0.33	1.2	Pg	14:19:26.300	0.0					T__				mc__	ML 3.2

GUT	0.33	1.2	Sg	14:19:31.200	0.7	T__	m__	
TETT	0.35	103.5	Pg	14:19:26.940	0.2	T__	mc__ ML	2.7
TETT	0.35	103.5	Sg	14:19:32.410	1.1	T__	m__	
WILA	0.35	202.2	Pg	14:19:27.060	0.3	T__	mc__ ML	2.8
WILA	0.35	202.2	Sg	14:19:32.660	1.3	___	m__	
SAUL	0.38	45.0	Pg	14:19:27.280	-0.0	T__	mc__ ML	2.6
SAUL	0.38	45.0	Sg	14:19:32.720	0.5	T__	m__	
A102A	0.40	9.0	Pg	14:19:27.750	0.1	___	m__ ML	2.9
A102A	0.40	9.0	Sg	14:19:33.680	0.8	___	m__	
SLE	0.41	273.5	Pg	14:19:27.980	0.1	T__	mc__ ML	2.9
SLE	0.41	273.5	Sg	14:19:33.760	0.6	T__	m__	
MSS	0.45	347.6	Pg	14:19:28.630	0.1	T__	md__ ML	2.7
MSS	0.45	347.6	Sg	14:19:35.120	0.9	T__	m__	
EBIN	0.47	354.0	Sg	14:19:35.970	1.0	T__	m__ ML	2.7
FREU	0.49	2.4	Pg	14:19:29.400	0.0	T__	mc__ ML	2.7
FREU	0.49	2.4	Sg	14:19:36.320	0.6	T__	m__	
FREU	0.49	2.4	SmS	14:19:41.340	-1.3	T__	m__	
ROTE	0.50	324.8	Pg	14:19:29.610	0.0	T__	md__ ML	2.6
ROTE	0.50	324.8	Sg	14:19:36.650	0.6	T__	m__	
ROTE	0.50	324.8	SmS	14:19:41.830	-1.1	___	m__	
BHBD	0.51	352.4	Pg	14:19:29.850	0.2	T__	mc__ ML	2.8
BHBD	0.51	352.4	Sg	14:19:37.310	1.0	T__	m__	
LIENZ	0.52	149.4	Pg	14:19:30.280	0.4	T__	md__ ML	2.5
LIENZ	0.52	149.4	Sg	14:19:38.250	1.7	___	m__	
A101B	0.53	315.5	Pg	14:19:30.090	0.0	___	m__ ML	3.3
A104C	0.53	43.7	Pg	14:19:30.140	0.0	T__	mc__ ML	2.8
A104C	0.53	43.7	Sg	14:19:37.540	0.5	T__	m__	
ONST	0.54	352.5	Sg	14:19:38.260	0.8	T__	m__ ML	2.9
ONST	0.54	352.5	SmS	14:19:42.690	-1.2	T__	m__	
BALG	0.56	342.5	Pg	14:19:30.670	0.1	T__	mc__ ML	3.0
BALG	0.56	342.5	Sg	14:19:38.490	0.7	T__	m__	
ZWI	0.56	24.0	Pg	14:19:30.600	-0.1	T__	mc__ ML	2.8
ZWI	0.56	24.0	SmS	14:19:43.400	-0.8	___	m__	
METMA	0.57	267.2	Pg	14:19:30.880	-0.0	T__	mc__ ML	2.7
METMA	0.57	267.2	Sg	14:19:38.700	0.4	T__	m__	
METMA	0.57	267.2	SmS	14:19:42.910	-1.6	T__	m__	
JUNG	0.59	355.5	Sg	14:19:39.550	0.7	T__	m__ ML	2.7
JUNG	0.59	355.5	SmS	14:19:43.560	-1.3	T__	m__	
ERPF	0.60	4.4	PmP	14:19:33.830	-1.2	___	m__ ML	2.5
BERGE	0.64	282.0	Pg	14:19:32.180	0.1	T__	mc__ ML	3.0
BERGE	0.64	282.0	Sg	14:19:40.860	0.6	T__	m__	
MSGN	0.67	357.3	PmP	14:19:34.670	-1.2	T__	m__	
MSGN	0.67	357.3	Sg	14:19:41.900	0.6	___	m__	
MSGN	0.67	357.3	SmS	14:19:45.530	-1.2	T__	m__	
DAVA	0.69	130.8	Pg	14:19:34.010	0.8	___	m__ ML	2.9
DAVA	0.69	130.8	Sg	14:19:44.020	1.9	___	m__	
DAVA	0.69	130.8	SmS	14:19:47.740	0.2	___	m__	
SULZ	0.70	252.6	Pg	14:19:33.470	0.2	___	mc__ ML	3.0
SULZ	0.70	252.6	Sg	14:19:43.575	1.2	___	m_e	
SULZ	0.70	252.6	SmS	14:19:46.220	-1.5	T__	m__	
PLONS	0.72	164.8	Pg	14:19:33.889	0.3	___	m_e ML	2.0
PLONS	0.72	164.8	Sg	14:19:44.691	1.8	___	m_e	
A100A	0.72	350.5	Pg	14:19:33.630	-0.0	T__	mc__ ML	3.2
A100A	0.72	350.5	Sg	14:19:43.630	0.7	T__	m__	

3.7

BUCH	0.73	13.1	Pg	14:19:33.790	0.0	T__	md_ ML	3.1
BUCH	0.73	13.1	Sg	14:19:43.910	0.8	T__	m__	
BUCH	0.73	13.1	SmS	14:19:47.390	-0.9	___	m__	
A109A	0.74	18.5	Pg	14:19:34.060	0.0	___	m__ ML	3.1
A109A	0.74	18.5	Sg	14:19:44.350	0.8	___	m__	
FELD	0.75	280.6	Pg	14:19:34.290	0.0	T__	mc_ ML	3.4
FELD	0.75	280.6	PmP	14:19:36.180	-1.0	T__	m__	
FELD	0.75	280.6	Sg	14:19:45.220	1.3	T__	m__	
FELD	0.75	280.6	SmS	14:19:47.800	-1.2	T__	m__	
REUL	0.75	6.0	SmS	14:19:47.820	-1.2	T__	m__	
A108A	0.78	38.5	Pg	14:19:34.530	-0.2	T__	mc_ ML	3.6
A108A	0.78	38.5	Sg	14:19:45.040	0.3	___	m__	
TUBL	0.78	358.9	SmS	14:19:47.900	-1.8	T__	m__ ML	3.2
A107D	0.78	69.0	Pg	14:19:34.960	0.2	T__	mc_ ML	4.0
A107D	0.78	69.0	SmS	14:19:48.800	-0.9	___	m__	
BFO	0.78	318.8	Pg	14:19:34.770	-0.1	T__	md_ ML	3.4
BFO	0.78	318.8	Sg	14:19:45.240	0.3	T__	m__	
BFO	0.78	318.8	SmS	14:19:48.280	-1.5	T__	m__	
KIZ	0.82	285.4	Pg	14:19:35.570	-0.1	T__	mc_ ML	3.4
KIZ	0.82	285.4	PmP	14:19:36.980	-1.4	T__	m__	
KIZ	0.82	285.4	SmS	14:19:49.220	-1.7	___	m__	
A105A	0.87	112.3	Pg	14:19:38.100	1.6	___	m__ ML	2.9
A105A	0.87	112.3	SmS	14:19:51.910	-0.2	___	m__	
OBER	0.87	112.3	Pg	14:19:36.859	0.4	___	m_e ML	2.8
OBER	0.87	112.3	Sg	14:19:50.131	2.4	___	m_e	
OBER	0.87	112.3	SmS	14:19:52.420	0.3	T__	m__	
FBB	0.88	287.6	PmP	14:19:37.880	-1.4	T__	m__	
FREI	0.89	287.9	Sg	14:19:49.240	1.0	___	m__ ML	3.1
ULMD	0.90	42.0	SmS	14:19:51.620	-1.5	___	m__	
ENDD	0.92	268.8	Pg	14:19:37.380	-0.0	T__	mc_ ML	3.5
ENDD	0.92	268.8	PmP	14:19:38.650	-1.3	T__	m__	
ENDD	0.92	268.8	SmS	14:19:51.910	-1.6	T__	m__	
STAU	0.93	278.3	PmP	14:19:38.330	-1.8	___	m__ ML	3.0
DEGG	0.95	24.9	Pg	14:19:37.920	-0.2	T__	mc_ ML	3.2
DEGG	0.95	24.9	PmP	14:19:39.240	-1.3	T__	m__	
OPP	0.97	321.2	Pg	14:19:38.230	-0.2	T__	mc_ ML	2.9
OPP	0.97	321.2	PmP	14:19:38.950	-1.8	T__	m__	
LOES	0.98	262.4	PmP	14:19:39.370	-1.5	___	m__ ML	3.0
A124A	0.99	336.0	Pg	14:19:38.730	-0.0	T__	m__ ML	2.8
VOGT	1.02	289.9	Pg	14:19:39.560	0.3	T__	mc_ ML	3.4
VOGT	1.02	289.9	SmS	14:19:55.070	-1.3	T__	m__	
STU	1.03	3.2	Pg	14:19:39.380	-0.1	___	m__ ML	3.1
STU	1.03	3.2	PmP	14:19:40.120	-1.6	T__	m__	
STU	1.03	3.2	Sg	14:19:53.410	0.6	T__	m__	
BALST	1.04	247.4	Pg	14:19:39.690	0.1	T__	md_ ML	3.2
BALST	1.04	247.4	Sg	14:19:53.758	0.8	___	m_e	
GALG	1.07	348.4	Pg	14:19:39.930	-0.2	T__	md_ ML	3.0
HDH	1.12	40.7	Pn	14:19:40.530	-1.4	T__	m__ ML	3.4
HDH	1.12	40.7	PmP	14:19:41.720	-1.5	T__	m__	
HDH	1.12	40.7	SmS	14:19:57.280	-1.8	T__	m__	
URBA	1.14	16.1	Pn	14:19:40.690	-1.6	T__	md_ ML	3.1
URBA	1.14	16.1	Sn	14:19:56.530	-1.3	T__	m__	
RETA	1.15	102.3	Pg	14:19:42.270	0.6	T__	m__ ML	2.8
BABA	1.15	328.4	Pn	14:19:41.070	-1.3	T__	md_ ML	2.8



ECH	0.76	50.1	Sg	13:03:04.201	0.7	T__		m_e	
BALST	1.03	112.1	Pg	13:02:58.180	-0.4	T__		m_e ML	2.8
BALST	1.03	112.1	Sg	13:03:11.359	-0.7	T__		m_e	
SULZ	1.25	98.7	Pn	13:03:00.892	-0.1	T__		m_e ML	3.3
SULZ	1.25	98.7	Pg	13:03:02.838	0.2	T__		m_e	
SULZ	1.25	98.7	Sg	13:03:19.123	0.2	T__		m_e	
BERGE	1.28	83.1	Pn	13:03:01.178	-0.3	T__		m_e ML	2.4
BERGE	1.28	83.1	Pg	13:03:03.323	0.1	T__		m_e	
BERGE	1.28	83.1	Sn	13:03:17.299	-0.1	T__		m_e	
BERGE	1.28	83.1	Sg	13:03:20.164	0.3	T__		m_e	
METMA	1.32	90.2	Pn	13:03:01.771	-0.3	T__		m_e ML	2.6
METMA	1.32	90.2	Pg	13:03:03.773	-0.3	T__		m_e	
METMA	1.32	90.2	Sg	13:03:21.539	0.3	T__		m_e	
SLE	1.48	87.9	Pn	13:03:04.191	-0.1	T__		m_e ML	3.6
SLE	1.48	87.9	Pg	13:03:06.874	-0.2	T__		m_e	
SLE	1.48	87.9	Sg	13:03:26.075	-0.3	T__		m_e	
BFO	1.49	65.6	Pn	13:03:04.259	-0.1	T__		m_e ML	2.2
BFO	1.49	65.6	Pg	13:03:07.358	0.1	T__		m_e	
BFO	1.49	65.6	Sg	13:03:27.237	0.6	T__		m_e	
A101B	1.56	74.9	Pg	13:03:08.900	0.3	___		m__ ML	3.0
A101B	1.56	74.9	Sg	13:03:29.700	0.8	___	0.4	m__	
EMING	1.73	83.7	Pn	13:03:07.559	0.0	T__		m_e ML	2.8
EMING	1.73	83.7	Pg	13:03:12.179	0.5	T__		m_e	
EMING	1.73	83.7	Sg	13:03:34.451	0.4	T__		m_e	
WILA	1.80	99.2	Sg	13:03:36.467	0.2	T__		m_e ML	3.3
A100A	1.90	66.8	Pg	13:03:15.700	0.7	___		m__ ML	2.8
A100A	1.90	66.8	Sg	13:03:40.700	1.0	___	0.2	m__	
WALHA	1.91	88.4	Pn	13:03:10.818	0.8	T__		m_e	
WALHA	1.91	88.4	Pg	13:03:15.156	0.1	T__		m_e	
WALHA	1.91	88.4	Sg	13:03:39.610	-0.2	T__		m_e	
WLF	1.93	357.4	Pg	13:03:16.357	0.8	T__		m_e ML	2.5
WLF	1.93	357.4	Sg	13:03:40.938	0.3	T__		m_e	
A102A	1.99	77.1	Pg	13:03:15.300	-1.4	___		m__ ML	2.7
A102A	1.99	77.1	Sg	13:03:43.500	1.0	___	0.1	m__	
RIVT	2.00	8.9	Pg	13:03:16.832	0.0	T__		m_e	
RIVT	2.00	8.9	Sg	13:03:42.032	-0.7	T__		m_e	
A103D	2.19	87.0	Pg	13:03:21.000	0.5	___		m__ ML	3.1
A103D	2.19	87.0	Sg	13:03:49.800	0.9	___	0.2	m__	
PLONS	2.20	106.9	Pg	13:03:21.000	0.4	T__		m_e ML	2.3
PLONS	2.20	106.9	Sg	13:03:48.887	-0.3	T__		m_e	
A109A	2.23	70.3	Pg	13:03:20.000	-1.2	___		m__ ML	3.0
A109A	2.23	70.3	Sg	13:03:51.600	1.5	___	0.2	m__	
ABH	2.30	20.7	Pg	13:03:22.446	-0.1	T__		m_e	
ABH	2.30	20.7	Sg	13:03:51.963	-0.4	T__		m_e	
A108A	2.45	74.1	Pg	13:03:26.100	0.9	___		m__ ML	3.3
BODE	2.55	30.5	Sg	13:03:59.915	-0.2	T__		m_e	
TNS	2.86	28.9	Pg	13:03:32.742	-0.3	T__		m_e ML	3.0
TNS	2.86	28.9	Sg	13:04:08.931	-1.2	T__		m_e	
NORI	3.05	69.5	Sg	13:04:16.556	0.4	T__		m_e ML	3.0
GRA1	3.80	57.1	Pg	13:03:51.076	0.4	T__		m_e	
GRA1	3.80	57.1	Sg	13:04:40.234	0.4	T__		m_e	

Event 90908004 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/08	16:22:44.91	0.26	0.21	48.2526	8.9883	2.0	1.1	020	12.0	0.0	24	1	018			m i uk	ZAMG	90908044
2019/09/08	16:22:44.60	0.03	0.28	48.2905	9.0239	0.7	0.5	157	12.0f		69	8	036			m i ke	LDG	90908034
2019/09/08	16:22:44.66	0.48	0.20	48.2880	9.0220				3.1	2.0	16	8	101	0.18	0.95	m i ke	BUG	90908024
2019/09/08	16:22:44.51	0.40		48.3020	9.0000	1.1	1.1	149	17.1	8.4	29	17	060	0.42	2.03	m i ke	BGR	90908014
2019/09/08	16:22:44.59	0.03	0.12	48.2900	9.0280	0.3	0.3	110	12.0	2.0	60	31	024	0.02	1.33	m i ke	LED	90908004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	1 ZAMG	90908044
ML	2.1	0.1	8 LDG	90908034
MD	2.0	0.3	6 BUG	90908024
ML	1.8	0.2	6 BUG	90908024
ML	1.7	0.4	15 BGR	90908014
ML	1.7	0.1	44 LED	90908004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ONST	0.02	251.0	Pg	16:22:46.970	0.3					T__				m__	ML 1.8
ONST	0.02	251.0	Sg	16:22:48.710	0.6					T__				m__	
JUNG	0.04	6.7	Pg	16:22:46.980	0.2					T__				m__	ML 1.5
JUNG	0.04	6.7	Sg	16:22:48.710	0.5					T__				m__	
BHBD	0.05	200.4	Pg	16:22:47.130	0.3					T__				m__	ML 1.6
BHBD	0.05	200.4	Sg	16:22:48.960	0.7					T__				m__	
FREU	0.09	126.9	Pg	16:22:47.430	0.2					T__				md__	ML 1.8
FREU	0.09	126.9	Sg	16:22:49.420	0.4					T__				m__	
ERPF	0.11	60.6	Pg	16:22:47.820	0.3					T__				mc__	ML 1.8
BALG	0.12	261.8	Pg	16:22:47.840	0.2					T__				mci	ML 1.5
BALG	0.12	261.8	Sg	16:22:50.110	0.5					T__				m__	
MSGN	0.12	9.6	Pg	16:22:47.860	0.2					T__				md__	
MSGN	0.12	9.6	Sg	16:22:50.170	0.5					T__				m__	
MSS	0.12	201.7	Pg	16:22:47.950	0.3					T__				md__	ML 1.7
MSS	0.12	201.7	Sg	16:22:50.340	0.6					T__				m__	
A100A	0.18	337.5	Pg	16:22:48.700	0.2					T__				mdi	ML 1.7
A100A	0.18	337.5	Sg	16:22:51.380	0.2					T__				m__	
A102A	0.19	142.7	Pg	16:22:48.880	0.2					---				m__	ML 1.4
A102A	0.19	142.7	Sg	16:22:51.590	0.1					---		0.3		m__	
TUEB	0.22	5.7	Pg	16:22:49.400	0.1					T__				m__	ML 1.4
TUEB	0.22	5.7	Sg	16:22:52.750	0.2					T__				m__	
GUT	0.23	165.1	Pg	16:22:49.540	0.2					T__				md__	ML 1.8
GUT	0.23	165.1	Sg	16:22:52.960	0.4					T__				m__	
REUL	0.24	32.6	Pg	16:22:49.760	0.2					T__				m__	
REUL	0.24	32.6	Sg	16:22:53.330	0.3					T__				m__	
BUCH	0.27	53.4	Pg	16:22:50.290	0.2					T__				mci	ML 2.0
BUCH	0.27	53.4	Sg	16:22:54.130	0.3					T__				m__	
ROTE	0.27	240.2	Pg	16:22:50.350	0.2					T__				mci	ML 1.5
ROTE	0.27	240.2	Sg	16:22:54.260	0.3					T__				m__	
ZWI	0.28	96.8	Pg	16:22:50.350	0.1					T__				mc__	ML 1.6
ZWI	0.28	96.8	Sg	16:22:54.330	0.2					T__				m__	
A109A	0.32	61.6	Pg	16:22:51.270	0.2					---				m__	ML 1.5
A109A	0.32	61.6	Sg	16:22:55.900	0.4					---		0.2		m__	
A101B	0.36	241.8	Pg	16:22:51.870	0.2					---				m__	ML 1.6
A101B	0.36	241.8	Sg	16:22:56.750	0.2					---		0.2		m__	
EMING	0.41	197.1	Pg	16:22:52.810	0.2					T__				mdi	ML 1.6

EMING	0.41	197.1	Sg	16:22:58.460	0.3	T__	m__	
A104C	0.45	111.1	Pg	16:22:53.630	0.3	T__	mci ML	1.9
A104C	0.45	111.1	Sg	16:22:59.910	0.6	T__	m__	
BFO	0.47	275.2	Pg	16:22:53.810	0.2	T__	mci ML	1.4
BFO	0.47	275.2	Sg	16:22:59.993	0.2	---	m_e	
STU	0.49	12.8	Sg	16:23:00.830	0.2	T__	m__ ML	1.5
A124A	0.50	315.4	Pg	16:22:54.600	0.3	T__	mdi	
A124A	0.50	315.4	PmP	16:22:56.060	-1.0	T__	m__	
A124A	0.50	315.4	Sg	16:23:01.250	0.3	T__	m__	
A124A	0.50	315.4	SmS	16:23:03.850	-1.8	T__	m__	
GALG	0.52	341.8	Pg	16:22:54.780	0.1	T__	mdi ML	1.9
GALG	0.52	341.8	PmP	16:22:56.230	-1.1	T__	m__	
GALG	0.52	341.8	Sg	16:23:01.710	0.2	T__	m__	
A108A	0.54	83.5	Pg	16:22:55.070	0.2	T__	mc__ ML	2.7
A108A	0.54	83.5	Sg	16:23:02.490	0.5	T__	m__	
WALHA	0.54	173.2	Pg	16:22:55.200	0.2	T__	mdi ML	1.4
WALHA	0.54	173.2	Sg	16:23:02.910	0.8	---	m__	
DEGG	0.55	54.8	Pg	16:22:55.380	0.1	T__	mc__ ML	1.5
DEGG	0.55	54.8	Sg	16:23:02.990	0.5	T__	m__	
OPP	0.60	290.7	Pg	16:22:56.190	0.2	T__	mc__ ML	1.8
OPP	0.60	290.7	Sg	16:23:03.950	0.1	T__	m__	
A103D	0.60	144.3	Pg	16:22:56.470	0.4	T__	md__	
STEIN	0.63	189.8	Pg	16:22:56.900	0.3	T__	md__ ML	1.6
SLE	0.63	214.5	Pg	16:22:56.780	0.1	T__	m__ ML	1.9
SLE	0.63	214.5	Sg	16:23:05.070	0.0	T__	m__	
SLE	0.63	214.5	SmS	16:23:07.290	-1.7	T__	m__	
URBA	0.66	33.8	Pg	16:22:57.230	0.0	T__	m__ ML	1.7
URBA	0.66	33.8	Sg	16:23:05.810	-0.0	T__	m__	
BABA	0.70	308.1	Pg	16:22:58.110	0.2	T__	m__ ML	1.7
BABA	0.70	308.1	PmP	16:22:58.810	-1.3	T__	m__	
BABA	0.70	308.1	Sg	16:23:07.030	-0.1	T__	m__	
BERGE	0.71	233.9	Pg	16:22:58.140	0.1	T__	mc__ ML	1.9
BERGE	0.71	233.9	Sg	16:23:07.087	-0.2	---	m_e	
ROMAN	0.75	164.0	Pn	16:22:59.230	-1.2	---	m__ ML	1.5
ROMAN	0.75	164.0	Pg	16:22:59.560	0.6	---	m__	
BRET	0.76	342.9	Pn	16:22:59.320	-1.2	---	md__ ML	1.6
BRET	0.76	342.9	Pg	16:22:59.890	0.9	---	m__	
METMA	0.78	222.2	Pg	16:22:59.290	-0.1	---	mc__ ML	1.8
METMA	0.78	222.2	Sg	16:23:09.277	-0.2	---	m_e	
FELD	0.80	239.2	Pn	16:22:59.860	-1.2	---	m__ ML	1.5
FELD	0.80	239.2	Pg	16:23:00.370	0.6	---	m__	
FELD	0.80	239.2	Sn	16:23:10.450	-2.2	---	m__	
KIZ	0.81	246.2	Pn	16:23:00.100	-1.2	---	m__ ML	1.8
KIZ	0.81	246.2	Pg	16:23:00.540	0.5	---	m__	
A123A	0.82	293.5	Sg	16:23:12.470	1.6	---	m__	
A117A	0.83	25.1	Sn	16:23:11.350	-2.1	---	m__	
HDH	0.84	68.9	Pg	16:23:00.780	0.3	---	m__ ML	1.6
HDH	0.84	68.9	Sg	16:23:12.130	0.8	---	m__	
WILA	0.88	185.3	Pg	16:23:01.621	0.3	---	m_e ML	2.1
WILA	0.88	185.3	Sg	16:23:13.496	0.8	---	m_e	
NEEW	0.90	317.8	Pg	16:23:02.910	1.2	---	m__ ML	1.5
NEEW	0.90	317.8	Sg	16:23:15.380	1.9	---	m__	
VOGT	0.93	257.5	Pn	16:23:02.300	-0.5	---	m__ ML	1.4
VOGT	0.93	257.5	Pg	16:23:02.580	0.4	---	m__	

UBR	0.95	129.7	Pg	16:23:03.300	0.8	---	m__	ML	1.8
UBR	0.95	129.7	Sg	16:23:15.880	1.1	---	m__		
SULZ	0.98	219.2	Pg	16:23:03.380	0.3	---	md_	ML	1.9
SULZ	0.98	219.2	Sg	16:23:16.280	0.4	---	m__		
ROTT	1.02	325.7	Pg	16:23:04.970	1.0	---	mc_	ML	1.4
ENDD	1.04	236.8	Pn	16:23:02.800	-1.5	---	mc_	ML	1.8
ENDD	1.04	236.8	Pg	16:23:04.280	0.0	---	md_		
ENDD	1.04	236.8	Sn	16:23:16.420	-1.8	---	m__		
ENDD	1.04	236.8	Sg	16:23:17.880	0.2	---	m__		
HOHE	1.09	290.4	Sg	16:23:19.670	0.4	---	m__	ML	1.9
WOER	1.09	47.9	Pn	16:23:03.740	-1.3	---	md_	ML	1.7
WOER	1.09	47.9	Pg	16:23:05.360	0.1	---	m__		
WLS	1.12	276.9	Pg	16:23:05.780	-0.0	---	m__	ML	1.6
WLS	1.12	276.9	Sg	16:23:20.670	0.4	---	m__		
SIND	1.13	19.5	Pg	16:23:05.900	0.0	---	m__	ML	1.9
NORI	1.14	67.3	Sg	16:23:20.873	-0.2	---	m_e	ML	1.7
DAVA	1.16	150.0	Pg	16:23:06.873	0.4	---	m_e	ML	1.6
DAVA	1.16	150.0	Sg	16:23:22.362	0.9	---	m_e		
PEB	1.16	312.4	Sg	16:23:21.980	0.3	---	m__	ML	1.9
ECH	1.25	267.3	Pg	16:23:07.760	-0.4	---	m_e	ML	1.4
ECH	1.25	267.3	Sg	16:23:24.064	-0.3	---	m_e		
BALST	1.31	223.7	Sg	16:23:26.130	-0.2	---	m__	ML	1.8
ILLF	1.33	243.5	Pg	16:23:10.060	0.3	---	md_	ML	1.5
FUR	1.50	94.0	Sg	16:23:33.401	1.0	---	m_e		
GRA1	2.01	44.9	Pg	16:23:22.845	0.3	---	m_e	ML	2.0
GRA1	2.01	44.9	Sg	16:23:48.393	-0.1	---	m_e		
RIVT	2.05	314.5	Sg	16:23:49.039	-0.9	---	m_e		

Event 90911007 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/11	19:00:09.31	0.45	2.26	48.2806	9.0387	3.5	2.4	029	15.0	0.0	16	3	021			m i uk	ZAMG	90911047
2019/09/11	19:00:10.50	0.15	0.29	48.2860	9.0157	2.5	1.5	055	12.0f		11	3	214			m i ke	LDG	90911037
2019/09/11	19:00:10.43	0.48	0.20	48.2890	9.0190				3.4	2.0	15	8	101	0.18	0.95	m i ke	BUG	90911027
2019/09/11	19:00:10.59	0.34	0.29	48.3040	9.0050	2.2	2.2	179	10.0f		24	14	154	0.42	1.31	m i ke	BGR	90911017
2019/09/11	19:00:10.35	0.04	0.12	48.2890	9.0280	0.4	0.3	112	12.0	2.0	49	25	054	0.02	1.50	m i ke	LED	90911007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	5 ZAMG	90911047
ML	2.0	0.2	3 LDG	90911037
MD	1.9	0.1	6 BUG	90911027
ML	1.6	0.2	6 BUG	90911027
ML	1.6	0.4	11 BGR	90911017
ML	1.6	0.1	32 LED	90911007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ONST	0.02	253.7	Pg	19:00:12.770	0.4					T__				mci	ML 1.6
ONST	0.02	253.7	Sg	19:00:14.480	0.6					T__				m__	
JUNG	0.04	6.6	Pg	19:00:12.790	0.3					T__				md_	ML 1.2
JUNG	0.04	6.6	Sg	19:00:14.490	0.5					T__				m__	
BHBD	0.04	200.9	Pg	19:00:12.930	0.4					T__				m__	ML 1.5

BHBD	0.04	200.9	Sg	19:00:14.750	0.7	T__	m__	
EBIN	0.08	178.3	Pg	19:00:13.170	0.3	T__	md_ ML	1.6
EBIN	0.08	178.3	Sg	19:00:15.270	0.6	T__	m__	
ERPF	0.11	60.2	Pg	19:00:13.620	0.3	T__	mc_ ML	1.7
ERPF	0.11	60.2	Sg	19:00:15.930	0.6	T__	m__	
BALG	0.12	262.3	Pg	19:00:13.650	0.3	T__	mci ML	1.5
BALG	0.12	262.3	Sg	19:00:15.900	0.5	T__	m__	
MSS	0.12	201.8	Pg	19:00:13.760	0.4	T__	md_ ML	1.8
MSS	0.12	201.8	Sg	19:00:16.130	0.7	T__	m__	
MSGN	0.12	9.5	Pg	19:00:13.660	0.3	T__	mdi	
MSGN	0.12	9.5	Sg	19:00:15.950	0.5	T__	m__	
A100A	0.18	337.6	Pg	19:00:14.500	0.2	T__	mdi ML	1.5
A100A	0.18	337.6	Sg	19:00:17.170	0.2	T__	m__	
A102A	0.19	142.5	Pg	19:00:14.690	0.3	___	m__ ML	1.2
A102A	0.19	142.5	Sg	19:00:17.620	0.4	___	m__	0.2
GUT	0.23	165.0	Pg	19:00:15.340	0.3	T__	mdi ML	1.6
GUT	0.23	165.0	Sg	19:00:18.750	0.4	T__	m__	
TUBL	0.24	8.8	Pg	19:00:15.250	-0.0	T__	m__ ML	1.4
TUBL	0.24	8.8	Sg	19:00:18.550	-0.1	T__	m__	
REUL	0.24	32.4	Sg	19:00:19.140	0.4	T__	m__	
BUCH	0.27	53.2	Pg	19:00:16.100	0.3	T__	mc_ ML	1.8
BUCH	0.27	53.2	Sg	19:00:20.080	0.5	T__	m__	
ROTE	0.27	240.4	Pg	19:00:16.160	0.3	T__	mci ML	1.7
ROTE	0.27	240.4	Sg	19:00:20.020	0.3	T__	m__	
ZWI	0.28	96.6	Pg	19:00:16.150	0.1	T__	mc_ ML	1.4
ZWI	0.28	96.6	Sg	19:00:20.090	0.2	T__	m__	
A109A	0.33	61.4	Pg	19:00:17.080	0.3	___	m__ ML	1.3
A109A	0.33	61.4	Sg	19:00:21.730	0.5	___	m__	0.1
A101B	0.36	242.0	Pg	19:00:17.680	0.2	___	m__ ML	1.4
A101B	0.36	242.0	Sg	19:00:22.550	0.2	___	m__	0.1
EMING	0.41	197.2	Pg	19:00:18.620	0.2	T__	mdi ML	1.5
EMING	0.41	197.2	Sg	19:00:24.240	0.4	T__	m__	
A104C	0.45	111.0	Pg	19:00:19.430	0.4	T__	mci ML	1.5
A104C	0.45	111.0	Sg	19:00:25.740	0.7	T__	m__	
BFO	0.47	275.3	Pg	19:00:19.600	0.2	T__	mc_ ML	1.5
BFO	0.47	275.3	Sg	19:00:25.730	0.2	T__	m__	
GALG	0.52	341.9	Pg	19:00:20.580	0.2	T__	mdi ML	1.6
GALG	0.52	341.9	PmP	19:00:22.030	-1.1	T__	m__	
GALG	0.52	341.9	Sg	19:00:27.520	0.2	T__	m__	
GALG	0.52	341.9	SmS	19:00:30.000	-1.9	T__	m__	
A108A	0.54	83.4	Pg	19:00:20.880	0.2	___	m__ ML	2.4
WALHA	0.54	173.2	Pg	19:00:21.010	0.3	T__	md_ ML	1.5
WALHA	0.54	173.2	Sg	19:00:28.630	0.8	T__	m__	
DEGG	0.55	54.7	Pg	19:00:21.230	0.2	T__	m__ ML	1.5
DEGG	0.55	54.7	Sg	19:00:28.740	0.4	T__	m__	
OPP	0.60	290.8	Pg	19:00:21.990	0.2	T__	mc_ ML	1.5
OPP	0.60	290.8	Sg	19:00:29.750	0.2	T__	m__	
SLE	0.63	214.6	Pg	19:00:22.580	0.1	T__	m__ ML	1.7
SLE	0.63	214.6	Sg	19:00:30.930	0.2	T__	m__	
URBA	0.66	33.7	Sg	19:00:31.620	-0.0	T__	m__ ML	1.5
BABA	0.70	308.1	Sg	19:00:32.840	-0.0	T__	m__ ML	1.5
BERGE	0.70	234.0	Pg	19:00:23.954	0.2	___	m_e ML	1.4
BERGE	0.70	234.0	Sg	19:00:33.070	0.1	___	m_e	
TETT	0.74	147.9	Pg	19:00:24.940	0.5	___	m__	

TETT	0.74	147.9	Sg	19:00:35.070	0.9	---	m_												
METMA	0.78	222.3	Pg	19:00:25.120	0.0	---	m_	ML	1.6										
METMA	0.78	222.3	Sg	19:00:35.050	-0.2	---	m_												
FELD	0.80	239.3	Sn	19:00:36.070	-2.3	---	m_	ML	1.5										
KIZ	0.81	246.2	Pn	19:00:25.950	-1.1	---	m_	ML	1.8										
KIZ	0.81	246.2	Pg	19:00:26.350	0.6	---	m_												
HDH	0.84	68.9	Pg	19:00:26.530	0.3	---	m_												
HDH	0.84	68.9	Sg	19:00:38.010	0.9	---	m_												
WILA	0.88	185.3	P*	19:00:27.420		---	m_	ML	1.8										
WILA	0.88	185.3	Pg	19:00:27.730	0.7	---	m_												
WILA	0.88	185.3	Sg	19:00:39.620	1.2	---	m_												
VOGT	0.93	257.6	Pg	19:00:28.420	0.4	---	m_	ML	1.5										
UBR	0.94	129.7	Pg	19:00:29.160	0.9	---	m_	ML	1.6										
UBR	0.94	129.7	Sg	19:00:41.730	1.2	---	m_												
SULZ	0.98	219.2	Pg	19:00:29.210	0.3	---	m_	ML	1.9										
SULZ	0.98	219.2	Sg	19:00:42.110	0.5	---	m_												
ENDD	1.04	236.9	Pn	19:00:28.660	-1.4	---	m_	ML	1.8										
ENDD	1.04	236.9	Pg	19:00:30.100	0.1	---	m_												
ENDD	1.04	236.9	Sn	19:00:42.190	-1.8	---	m_												
ENDD	1.04	236.9	Sg	19:00:43.490	0.0	---	m_												
HOHE	1.09	290.4	Sg	19:00:45.570	0.5	---	m_	ML	1.7										
WOER	1.09	47.8	Pg	19:00:31.150	0.1	---	m_												
WOER	1.09	47.8	Sg	19:00:45.420	0.2	---	m_												
SIND	1.13	19.5	Sg	19:00:46.210	-0.1	---	m_	ML	1.7										
NORI	1.14	67.2	Pg	19:00:31.766	-0.2	---	m_e	ML	1.5										
NORI	1.14	67.2	Sg	19:00:47.182	0.4	---	m_e												
DAVA	1.15	149.9	Sg	19:00:48.157	1.0	---	m_e	ML	1.6										
PEB	1.16	312.4	Sg	19:00:47.780	0.3	---	m_	ML	1.7										
OBER	1.22	135.6	Sg	19:00:50.735	1.3	---	m_e												
ECH	1.25	267.4	Pg	19:00:34.139	0.2	---	m_e												
ECH	1.25	267.4	Sg	19:00:49.928	-0.2	---	m_e												
BALST	1.31	223.7	Sg	19:00:51.863	-0.2	---	m_e												
BOURR	1.50	234.1	Sg	19:00:58.570	0.4	---	m_												

Event 90912005 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
2019/09/12	17:31:25.50	0.09	0.51	47.0709	9.4934	1.8	1.6	083	8.0f		35	8	080			m i ke	LDG	90912025
2019/09/12	17:31:25.40	0.85	0.87	47.0110	9.4030				0.0		17	10	275	0.72	1.50	m i ke	BUG	90912015
2019/09/12	17:31:26.66	0.38	0.67	47.0520	9.4700	4.4	2.2	004	5.0f		26	15	186	0.06	1.49	m i ke	BGR	90912005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	7 LDG	90912025
MD	2.7	0.8	7 BUG	90912015
ML	2.2	0.2	7 BUG	90912015
ML	1.7	0.3	14 BGR	90912005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.06	267.2	Pg	17:31:27.890	-0.2					T_				m_e	ML 1.4
PLONS	0.06	267.2	Sg	17:31:29.416	0.3					T_				m_e	
DAVA	0.36	49.8	Pg	17:31:32.300	-1.3					T_				m_e	ML 1.6

DAVA	0.36	49.8	Sg	17:31:37.380	-1.0	T__	m_e													
WILA	0.53	313.7	Pg	17:31:36.513	-0.1	T__	m_e ML													1.6
WILA	0.53	313.7	Sg	17:31:44.458	1.0	T__	m_e													
OBER	0.66	57.3	Sg	17:31:47.696	-0.1	T__	m_e ML													1.2
A105A	0.66	57.3	Pg	17:31:38.530	-0.6	---	m__ ML													1.8
A105A	0.66	57.3	Sg	17:31:47.630	-0.1	---	m__	0.1												
WALHA	0.74	341.6	Pg	17:31:40.653	0.0	T__	m_e ML													1.7
WALHA	0.74	341.6	Sg	17:31:50.757	0.6	T__	m_e													
A103D	0.75	4.1	Pg	17:31:40.450	-0.4	---	m__ ML													2.0
A103D	0.75	4.1	Sg	17:31:50.500	-0.1	---	m__	0.1												
UBR	0.76	34.3	Pg	17:31:40.570	-0.5	---	m__ ML													1.8
UBR	0.76	34.3	Sg	17:31:52.930	2.0	---	m__	0.1												
EMING	0.94	333.7	Sg	17:31:56.619	-0.0	T__	m_e ML													1.8
SLE	0.97	317.6	Sg	17:31:57.850	0.2	T__	m_e ML													2.5
SULZ	1.04	297.9	Pg	17:31:45.964	-0.3	T__	m_e ML													2.2
SULZ	1.04	297.9	Sg	17:32:00.368	0.7	T__	m_e													
METMA	1.06	309.1	Pg	17:31:46.634	0.0	T__	m_e ML													1.2
METMA	1.06	309.1	Sg	17:32:00.820	0.6	T__	m_e													
A104C	1.08	6.6	Pg	17:31:47.000	-0.1	---	m__ ML													2.2
A104C	1.08	6.6	Sg	17:32:02.160	1.1	---	m__	0.1												
A107D	1.08	26.6	Sg	17:32:03.040	2.0	---	m__													
ZUGS	1.09	69.9	Pg	17:31:48.084	0.9	T__	m_e ML													1.7
ZUGS	1.09	69.9	Sg	17:32:02.286	1.0	T__	m_e													
A102A	1.10	350.6	Pg	17:31:46.930	-0.5	---	m__ ML													2.1
A102A	1.10	350.6	Sg	17:32:02.350	0.6	---	m__	0.1												
BERGE	1.20	313.7	Pg	17:31:49.127	-0.1	T__	m_e ML													1.3
BERGE	1.20	313.7	Sg	17:32:04.401	-0.3	T__	m_e													
A101B	1.23	330.1	Pg	17:31:49.750	-0.2	---	m__ ML													2.2
A101B	1.23	330.1	Sg	17:32:04.980	-0.9	---	m__	0.1												
BALST	1.24	283.9	Pn	17:31:49.935	-0.0	T__	m_e													
BALST	1.24	283.9	Pg	17:31:50.750	0.7	T__	m_e													
A109A	1.39	359.7	Sg	17:32:10.900	-0.0	---	m__													
A100A	1.45	345.6	Sg	17:32:12.100	-0.6	---	m__													
BE1	1.46	53.4	Pn	17:31:53.148	0.2	T__	m_e ML													1.8
BE1	1.46	53.4	Sg	17:32:12.860	-0.3	T__	m_e													
WTTA	1.49	81.0	Sg	17:32:14.890	0.9	T__	m_e ML													1.7
BFO	1.49	329.4	Pn	17:31:54.080	0.7	T__	m_e ML													1.6
BFO	1.49	329.4	Sn	17:32:10.680	-1.6	---	m__	0.0												
BFO	1.49	329.4	Sg	17:32:13.342	-0.7	T__	m_e													

Event 90912003 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/12	20:55:53.20	2.90	0.56	44.6920	18.5600	41.1	8.9	141	10.0f		23	23	300	3.32	8.78	m i ke	BGR	90912023

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	5 BGR	90912023

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	3.32	321.6	Pn	20:56:42.861	-1.2					T__					
OBKA	3.34	304.3	Pn	20:56:42.990	-1.4					T__				m_e ML	3.5
JAVC	4.21	352.0	Pn	20:56:55.696	-0.5					T__				m_e	

MOA	4.33	318.3	Pn	20:56:57.347	-0.5	T__	m_e	ML	3.4
KRUC	4.61	342.1	Pn	20:57:00.538	-1.1	T__	m_e		
VRAC	4.81	344.5	Pn	20:57:03.688	-0.6	T__	m_e	ML	3.0
RJOB	5.02	309.4	Pn	20:57:07.424	0.3	T__	m_e	ML	3.4
MORC	5.13	352.6	Pn	20:57:08.526	-0.1	T__	m_e	ML	3.9
GEC2	5.32	323.0	Pn	20:57:10.901	-0.3	T__	m_e		
WTTA	5.45	300.6	Pn	20:57:13.403	0.4	T__	m_e		
KHC	5.59	324.3	Pn	20:57:14.641	-0.3	T__	m_e		
DPC	5.86	345.9	Pn	20:57:18.817	0.3	T__	m_e		
WET	5.90	321.0	Pn	20:57:19.346	0.2	T__	m_e		
OBER	6.34	298.3	Pn	20:57:25.206	0.1	T__	m_e		
DAVA	6.56	296.4	Pn	20:57:28.536	0.5	T__	m_e		
UBR	6.57	300.1	Pn	20:57:27.786	-0.3	T__	m_e		
MANZ	6.86	322.8	Pn	20:57:32.067	-0.0	T__	m_e		
WILA	7.22	295.5	Pn	20:57:36.822	-0.2	T__	m_e		
MOX	7.56	324.4	Pn	20:57:41.504	-0.1	T__	m_e		
SLE	7.60	297.4	Pn	20:57:41.163	-1.0	T__	m_e		
SULZ	7.77	295.1	Pn	20:57:43.886	-0.6	T__	m_e		
BALST	7.99	293.2	Pn	20:57:46.963	-0.4	T__	m_e		
TNS	8.78	312.6	Pn	20:57:58.297	0.1	T__	m_e		

Event 90915002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/15	04:55:20.39	0.86	3.70	51.5355	16.1945	6.6	4.0	045	0.0	0.0	11	0	029			m i sr	ZAMG	90915012
2019/09/15	04:55:20.10	0.60	0.57	51.6390	16.2160	10.0	3.3	009	1.0f		18	15	219	0.80	3.72	m i ki	BGR	90915002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.1	16 ZAMG	90915012
ML	3.6	0.3	13 BGR	90915002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.80	176.5	Pg	04:55:34.804	-0.3					T__				m_e	ML 2.9
DPC	1.29	177.0	Pg	04:55:43.595	-0.8					T__				m_e	ML 4.0
BRG	1.62	242.6	Sg	04:56:12.314	0.9					T__				m_e	ML 3.5
FBE	1.93	249.3	Pn	04:55:52.557	-0.6					T__				m_e	ML 3.4
FBE	1.93	249.3	Sg	04:56:20.922	-0.4					T__				m_e	
CLL	2.03	261.9	Pn	04:55:54.381	-0.2					T__				m_e	ML 3.5
CLL	2.03	261.9	Sg	04:56:24.179	-0.4					T__				m_e	
MORC	2.04	155.2	Pn	04:55:54.827	0.1					T__				m_e	ML 3.8
OKC	2.18	145.1	Pn	04:55:56.132	-0.4					T__				m_e	ML 3.2
TANN	2.66	244.1	Pn	04:56:03.314	0.2					T__				m_e	ML 3.7
OJC	2.67	120.8	Pn	04:56:02.442	-0.8					T__				m_e	ML 3.7
OJC	2.67	120.8	Sg	04:56:45.582	0.8					T__				m_e	
WERD	2.73	245.7	Pn	04:56:03.893	-0.2					T__				m_e	ML 3.7
MOX	3.05	252.8	Pn	04:56:07.921	-0.5					T__				m_e	ML 4.0
ROTZ	3.15	235.2	Pn	04:56:10.093	0.3					T__				m_e	
GEC2	3.22	210.9	Pn	04:56:10.647	-0.1					T__				m_e	ML 3.7
WET	3.28	221.8	Pn	04:56:11.680	0.2					T__				m_e	ML 3.6
GRA1	3.72	240.4	Pn	04:56:18.242	0.8					T__				m_e	

Event 90918002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/18	18:09:47.41	0.48	0.68	51.5850	16.1010	7.8	3.3	015	1.0f		17	14	203	0.75	3.56	m i ki	BGR	90918012

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	12 BGR	90918012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.75	170.7	Pg	18:10:01.912	0.3					T__				m_e	
KSP	0.75	170.7	Sg	18:10:11.956	0.7					T__				m_e	
DPC	1.24	173.5	Pg	18:10:10.689	-0.1					T__				m_e ML	3.3
BRG	1.53	243.1	Pn	18:10:14.628	-0.4					T__				m_e ML	3.0
FBE	1.84	250.0	Sg	18:10:45.456	-0.5					T__				m_e ML	2.7
CLL	1.95	263.0	Pn	18:10:20.345	-0.5					T__				m_e ML	2.8
MORC	2.03	152.6	Pn	18:10:21.895	0.1					T__				m_e ML	3.3
TANN	2.57	244.4	Pn	18:10:29.646	0.4					T__				m_e ML	3.3
WERD	2.64	246.0	Pn	18:10:30.114	-0.1					T__				m_e ML	3.0
OJC	2.70	118.9	Pn	18:10:29.592	-1.4					T__				m_e ML	3.1
OJC	2.70	118.9	Sg	18:11:12.908	-0.3					T__				m_e	
MOX	2.97	253.3	Pn	18:10:34.859	0.3					T__				m_e ML	3.3
ROTZ	3.06	235.1	Pn	18:10:36.605	0.7					T__				m_e ML	3.1
ROTZ	3.06	235.1	Sg	18:11:23.695	-1.1					T__				m_e	
GEC2	3.14	210.2	Pn	18:10:37.597	0.7					T__				m_e	
WET	3.19	221.4	Pn	18:10:38.242	0.6					T__				m_e ML	3.0
CLZ	3.56	276.4	Pn	18:10:43.134	0.5					T__				m_e ML	3.2

Event 90919001 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/19	03:19:18.64	0.56	1.13	48.2690	9.0237	5.4	2.5	016	10.0	0.0	28	5	014			m i uk	ZAMG	90919041
2019/09/19	03:19:19.60	0.04	0.35	48.2884	9.0351	0.8	0.7	143	12.0f		114	17	042			m i ke	LDG	90919031
2019/09/19	03:19:19.62	0.39	0.33	48.2890	9.0280				2.7	1.8	21	11	098	0.18	1.22	m i ke	BUG	90919021
2019/09/19	03:19:19.25	0.39	0.29	48.3100	9.0240	6.7	4.4	152	10.0f		10	8	132	0.43	2.00	m i ke	BGR	90919011
2019/09/19	03:19:19.46	0.05	0.15	48.2890	9.0290	0.5	0.4	113	12.0	2.0	68	34	025	0.02	1.91	m i ke	LED	90919001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	7 ZAMG	90919041
ML	2.2	0.2	20 LDG	90919031
MD	2.3	0.3	9 BUG	90919021
ML	2.2	0.3	9 BUG	90919021
ML	1.8	0.3	8 BGR	90919011
ML	2.0	0.1	49 LED	90919001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ONST	0.02	254.2	Pg	03:19:21.890	0.4					T__				mci ML	2.0
ONST	0.02	254.2	Sg	03:19:23.630	0.7					T__				m__	
JUNG	0.04	5.7	Pg	03:19:21.910	0.3					T__				md_ ML	1.7
JUNG	0.04	5.7	Sg	03:19:23.660	0.5					T__				m__	

BHBD	0.04	201.7	Pg	03:19:22.060	0.4	T__	m__ ML	2.0
BHBD	0.04	201.7	Sg	03:19:23.920	0.7	T__	m__	
EBIN	0.08	178.8	Pg	03:19:22.300	0.3	T__	m__ ML	2.2
EBIN	0.08	178.8	Sg	03:19:24.360	0.6	T__	m__	
BALG	0.12	262.3	Pg	03:19:22.750	0.3	T__	mci ML	1.8
BALG	0.12	262.3	Sg	03:19:25.050	0.5	T__	m__	
MSS	0.12	202.1	Pg	03:19:22.870	0.4	T__	md_ ML	2.0
MSS	0.12	202.1	Sg	03:19:24.980	0.4	T__	m__	
MSGN	0.12	9.2	Pg	03:19:22.770	0.3	T__	md_	
MSGN	0.12	9.2	Sg	03:19:25.090	0.5	T__	m__	
A100A	0.18	337.4	Pg	03:19:23.590	0.2	T__	md_ ML	2.0
A100A	0.18	337.4	Sg	03:19:26.350	0.3	T__	m__	
A102A	0.19	142.6	Pg	03:19:23.790	0.3	___	m__ ML	1.8
A102A	0.19	142.6	Sg	03:19:26.370	0.0	___	m__	
GUT	0.23	165.2	Pg	03:19:24.430	0.3	T__	md_ ML	2.1
GUT	0.23	165.2	Sg	03:19:28.040	0.6	T__	m__	
TUEB	0.23	5.5	Pg	03:19:24.280	0.1	T__	md_ ML	1.6
TUEB	0.23	5.5	Sg	03:19:27.730	0.3	T__	m__	
TUBL	0.24	8.7	Pg	03:19:24.320	-0.0	T__	md_ ML	1.9
REUL	0.24	32.3	Pg	03:19:24.670	0.2	T__	m__	
REUL	0.24	32.3	Sg	03:19:28.260	0.4	T__	m__	
BUCH	0.27	53.1	Pg	03:19:25.190	0.3	T__	mc_ ML	2.2
BUCH	0.27	53.1	Sg	03:19:29.150	0.5	T__	m__	
ROTE	0.27	240.5	Pg	03:19:25.250	0.2	T__	mc_ ML	1.9
ROTE	0.27	240.5	Sg	03:19:29.160	0.3	T__	m__	
ZWI	0.28	96.6	Pg	03:19:25.240	0.1	T__	mci ML	1.9
ZWI	0.28	96.6	Sg	03:19:29.230	0.2	T__	m__	
A109A	0.32	61.4	Pg	03:19:26.170	0.3	___	m__ ML	1.7
A109A	0.32	61.4	Sg	03:19:30.830	0.5	___	m__	
A101B	0.36	242.0	Pg	03:19:26.770	0.2	___	m__ ML	1.8
EMING	0.41	197.2	Pg	03:19:27.720	0.2	T__	mdi ML	2.0
EMING	0.41	197.2	Sg	03:19:33.400	0.4	T__	m__	
SAUL	0.42	130.6	Sg	03:19:34.010	0.7	T__	m__ ML	1.8
A104C	0.45	111.0	Pg	03:19:28.530	0.4	T__	mc_ ML	1.9
A104C	0.45	111.0	Sg	03:19:34.860	0.7	T__	m__	
BFO	0.47	275.3	Pg	03:19:28.710	0.2	T__	mc_ ML	1.7
BFO	0.47	275.3	Sg	03:19:34.890	0.2	T__	m__	
BFO	0.47	275.3	SmS	03:19:37.860	-1.8	T__	m__	
STU	0.49	12.7	Sg	03:19:35.770	0.3	T__	m__ ML	1.8
STU	0.49	12.7	SmS	03:19:38.500	-1.8	T__	m__	
STUT	0.50	10.6	Pg	03:19:29.320	0.2	T__	m__	
STUT	0.50	10.6	SmS	03:19:38.700	-1.8	T__	m__	
A124A	0.50	315.4	Pg	03:19:29.510	0.3	___	m__	
A124A	0.50	315.4	PmP	03:19:30.920	-1.0	T__	m__	
GALG	0.52	341.8	Pg	03:19:29.670	0.1	T__	mdi ML	2.2
GALG	0.52	341.8	PmP	03:19:31.080	-1.2	T__	m__	
GALG	0.52	341.8	SmS	03:19:39.120	-1.9	T__	m__	
A108A	0.54	83.4	Pg	03:19:29.970	0.2	T__	mc_ ML	2.9
A108A	0.54	83.4	Sg	03:19:37.380	0.5	T__	m__	
WALHA	0.54	173.3	Pg	03:19:30.100	0.3	T__	md_ ML	1.9
WALHA	0.54	173.3	Sg	03:19:37.840	0.9	T__	m__	
WALHA	0.54	173.3	SmS	03:19:40.430	-1.0	T__	m__	
DEGG	0.55	54.7	Pg	03:19:30.260	0.2	T__	mc_ ML	1.8
DEGG	0.55	54.7	Sg	03:19:37.960	0.6	T__	m__	

DEGG	0.55	54.7	SmS	03:19:40.550	-1.2	---	m__	
OPP	0.60	290.7	Pg	03:19:31.080	0.2	T__	mc_ ML	2.1
OPP	0.60	290.7	Sg	03:19:38.970	0.2	T__	m__	
A103D	0.60	144.3	Pg	03:19:31.370	0.4	T__	md_ ML	2.0
A103D	0.60	144.3	Sg	03:19:39.460	0.6	---	m__	
STEIN	0.63	189.9	Pg	03:19:31.790	0.3	T__	md_ ML	1.9
STEIN	0.63	189.9	Sg	03:19:40.350	0.6	T__	m__	
SLE	0.63	214.6	Pg	03:19:31.670	0.1	T__	mc_ ML	2.2
SLE	0.63	214.6	Sg	03:19:39.980	0.1	T__	m__	
SLE	0.63	214.6	SmS	03:19:42.120	-1.7	T__	m__	
A106B	0.65	44.4	Pg	03:19:32.240	0.3	---	m__ ML	2.1
A106B	0.65	44.4	Sg	03:19:40.730	0.2	---	m__	
URBA	0.66	33.7	Pg	03:19:32.110	0.0	T__	mc_ ML	2.0
URBA	0.66	33.7	Sg	03:19:40.880	0.1	T__	m__	
ULMD	0.67	79.1	Pg	03:19:32.390	0.2	T__	m__	
ULMD	0.67	79.1	Sg	03:19:41.420	0.5	---	m__	
ULMD	0.67	79.1	SmS	03:19:43.610	-1.1	---	m__	
BABA	0.70	308.1	Pg	03:19:32.990	0.2	T__	md_ ML	2.0
BABA	0.70	308.1	PmP	03:19:33.720	-1.3	T__	m__	
BABA	0.70	308.1	Sg	03:19:41.850	-0.2	T__	m__	
BERGE	0.71	234.0	Pg	03:19:33.030	0.1	T__	mc_ ML	2.2
TETT	0.74	147.9	PmP	03:19:34.380	-1.2	---	m__ ML	1.8
TETT	0.74	147.9	Sg	03:19:44.130	0.9	---	m__	
TETT	0.74	147.9	SmS	03:19:45.970	-0.7	---	m__	
ROMAN	0.75	164.0	Pg	03:19:34.110	0.3	---	md_ ML	1.9
ROMAN	0.75	164.0	PmP	03:19:34.480	-1.3	---	m__	
BRET	0.76	342.9	Pg	03:19:34.210	0.3	---	md_ ML	1.8
BRET	0.76	342.9	PmP	03:19:34.800	-1.1	---	m__	
BRET	0.76	342.9	SmS	03:19:45.610	-1.6	---	m__	
METMA	0.78	222.3	Pg	03:19:34.200	-0.0	---	mc_ ML	2.1
METMA	0.78	222.3	Sg	03:19:44.069	-0.3	---	m_e	
METMA	0.78	222.3	SmS	03:19:45.780	-1.9	---	m__	
FELD	0.80	239.3	Pn	03:19:34.880	-1.1	---	md_ ML	1.9
FELD	0.80	239.3	PmP	03:19:35.380	-1.2	---	m__	
KIZ	0.81	246.2	Pn	03:19:34.980	-1.2	---	m__ ML	2.1
KIZ	0.81	246.2	PmP	03:19:35.420	-1.4	---	m__	
KIZ	0.81	246.2	SmS	03:19:47.060	-1.6	---	m__	
A107D	0.82	108.8	Pg	03:19:35.950	0.8	---	m__ ML	2.2
A107D	0.82	108.8	Sg	03:19:46.840	1.0	---	m__	
A117A	0.83	25.1	Pn	03:19:35.420	-1.0	---	md_	
A117A	0.83	25.1	Sn	03:19:46.360	-2.0	---	m__	
HDH	0.84	68.9	Pn	03:19:35.560	-0.9	---	m__ ML	2.0
HDH	0.84	68.9	Sg	03:19:47.080	0.9	---	m__	
HEIN	0.86	9.1	Pn	03:19:36.010	-0.8	---	m__	
HEIN	0.86	9.1	SmS	03:19:48.220	-1.8	---	m__	
WILA	0.88	185.4	P*	03:19:36.490		---	m__	
WILA	0.88	185.4	PmP	03:19:36.810	-1.1	---	m__	
NEEW	0.90	317.8	Pg	03:19:37.780	1.1	---	m__ ML	1.9
NEEW	0.90	317.8	Sg	03:19:50.220	1.8	---	m__	
VOGT	0.93	257.6	Pg	03:19:37.450	0.4	---	m__ ML	1.7
STAU	0.96	244.6	Sg	03:19:50.910	0.7	---	m__ ML	2.0
SULZ	0.98	219.3	Pn	03:19:37.270	-1.1	---	m__ ML	2.2
SULZ	0.98	219.3	Pg	03:19:38.290	0.3	---	m__	
SULZ	0.98	219.3	Sg	03:19:51.020	0.3	---	m__	

ROTT	1.02	325.7	Sg	03:19:53.220	1.1	---	m__	ML	1.7
ENDD	1.04	236.9	Pn	03:19:37.700	-1.5	---	mc_	ML	2.2
ENDD	1.04	236.9	Pg	03:19:39.170	0.1	---	m__		
ENDD	1.04	236.9	Sn	03:19:51.210	-1.9	---	m__		
ENDD	1.04	236.9	Sg	03:19:52.750	0.2	---	m__		
LIENZ	1.04	162.4	Pg	03:19:39.910	0.7	---	m__	ML	1.7
HOHE	1.09	290.4	Pg	03:19:40.330	0.3	---	m__		
HOHE	1.09	290.4	Sg	03:19:54.630	0.4	---	m__		
WOER	1.09	47.8	Pn	03:19:38.560	-1.4	---	m__	ML	2.0
WOER	1.09	47.8	Pg	03:19:39.940	-0.2	---	m__		
SIND	1.13	19.5	Pg	03:19:40.750	-0.0	---	m__	ML	2.2
SIND	1.13	19.5	Sg	03:19:55.320	-0.1	---	m__		
LOES	1.14	233.6	Sg	03:19:56.630	0.8	---	m__	ML	2.0
NORI	1.14	67.2	Pg	03:19:40.837	-0.2	---	m_e	ML	1.9
DAVA	1.15	150.0	Pg	03:19:41.750	0.4	---	m__	ML	2.0
PEB	1.16	312.4	Pg	03:19:41.590	0.1	---	m__	ML	2.2
PEB	1.16	312.4	Sg	03:19:56.900	0.3	---	m__		
A105A	1.22	135.6	Pg	03:19:43.340	0.7	---	m__	ML	2.1
A105A	1.22	135.6	Sg	03:19:58.350	-0.1	---	m__		0.1
ECH	1.25	267.4	Pg	03:19:42.705	-0.3	---	m_e	ML	1.3
ECH	1.25	267.4	Sg	03:19:58.843	-0.4	---	m_e		
ILLF	1.33	243.6	Pg	03:19:44.940	0.3	---	m__	ML	1.8
RETA	1.41	124.0	Sg	03:20:04.980	0.5	---	m__	ML	2.2
BOURR	1.50	234.1	Sg	03:20:07.440	0.2	---	m__	ML	2.0
ABH	1.86	329.2	Pg	03:19:54.300	-0.4	---	m__	ML	1.5
CHMF	1.91	237.8	Pg	03:19:55.540	0.1	---	m__	ML	2.1
GRA1	2.01	44.9	Pg	03:19:56.598	-0.8	---	m_e	ML	2.2

Event 90921001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/21	05:34:14.55	0.85	1.31	51.2657	16.0654	8.1	5.8	077	0.0	0.0	15	3	023			m i sr	ZAMG	90921011
2019/09/21	05:34:13.71	0.32	0.53	51.3240	16.1950	3.3	1.1	028	1.0f		31	15	203	0.48	2.97	m i ki	BGR	90921001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	14 ZAMG	90921011
ML	3.0	0.4	12 BGR	90921001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.48	172.6	Pg	05:34:23.850	1.0					T__				m_e	ML 2.4
KSP	0.48	172.6	Sg	05:34:29.468	0.4					T__				m_e	
DPC	0.98	175.2	Pg	05:34:32.764	0.6					T__				m_e	ML 3.5
DPC	0.98	175.2	Sn	05:34:48.337	0.3					T__				m_e	
BRG	1.48	253.2	Pn	05:34:40.058	-0.7					T__				m_e	ML 2.8
BRG	1.48	253.2	Pg	05:34:41.651	-0.0					T__				m_e	
BRG	1.48	253.2	Sg	05:35:01.366	0.5					T__				m_e	
MORC	1.77	150.5	Pn	05:34:44.690	0.1					T__				m_e	ML 3.3
MORC	1.77	150.5	Sg	05:35:09.244	-0.6					T__				m_e	
FBE	1.83	258.4	Pn	05:34:45.678	0.2					T__				m_e	ML 2.8
FBE	1.83	258.4	Pg	05:34:47.718	-0.4					T__				m_e	
FBE	1.83	258.4	Sg	05:35:12.257	0.5					T__				m_e	

OKC	1.94	139.4	Sg	05:35:14.841	-0.4	T__	m_e	ML	2.7
CLL	2.00	270.8	Pn	05:34:47.174	-0.5	T__	m_e	ML	2.9
CLL	2.00	270.8	Pg	05:34:50.839	-0.5	T__	m_e		
CLL	2.00	270.8	Sg	05:35:16.974	-0.1	T__	m_e		
ABG1	2.30	262.5	Sg	05:35:27.059	0.4	T__	m_e	ML	3.7
SCHF	2.47	256.3	Sg	05:35:32.156	-0.1	T__	m_e	ML	3.1
TANN	2.53	250.4	Pn	05:34:55.232	0.3	T__	m_e	ML	3.1
TANN	2.53	250.4	Pg	05:35:02.158	0.9	T__	m_e		
TANN	2.53	250.4	Sg	05:35:34.108	0.2	T__	m_e		
OJC	2.53	114.5	Pn	05:34:54.534	-0.5	T__	m_e	ML	3.0
OJC	2.53	114.5	Pg	05:35:01.408	-0.0	T__	m_e		
OJC	2.53	114.5	Sg	05:35:34.934	0.8	T__	m_e		
WERD	2.60	251.9	Pn	05:34:55.537	-0.4	T__	m_e	ML	3.0
WERD	2.60	251.9	Pg	05:35:02.112	-0.7	T__	m_e		
WERD	2.60	251.9	Sg	05:35:37.479	1.0	T__	m_e		
GEC2	2.95	213.8	Pg	05:35:08.909	-0.4	T__	m_e		
MOX	2.96	258.5	Pg	05:35:09.767	0.3	T__	m_e		
ROTZ	2.97	240.0	Pn	05:35:02.001	1.0	T__	m_e		

Event 90921002 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/21	08:18:26.60	0.07	0.63	47.6411	8.7055	1.4	1.2	155	5.0f		90	19	045			m i ke	LDG	90921032
2019/09/21	08:18:27.07	0.70	0.76	47.6520	8.7130				0.0		20	10	252	0.48	1.06	m i ke	BUG	90921022
2019/09/21	08:18:27.28	0.26		47.6690	8.7310	2.2	1.1	006	2.5	5.0	27	14	090	0.19	1.64	m i ke	BGR	90921012
2019/09/21	08:18:26.86	0.07	0.19	47.6610	8.7370	0.8	0.6	358	5.0	2.0	54	29	090	0.09	1.47	m i ke	LED	90921002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	20 LDG	90921032
MD	2.6	0.4	8 BUG	90921022
ML	2.6	0.3	8 BUG	90921022
ML	1.8	0.4	8 BGR	90921012
ML	2.1	0.2	25 LED	90921002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STEIN	0.09	84.3	Pg	08:18:28.800	0.1					T__				mc_	ML 2.3
STEIN	0.09	84.3	Sg	08:18:30.420	0.4					T__				m__	
SLE	0.19	302.8	Pg	08:18:30.750	0.1					T__				md_	ML 1.8
SLE	0.19	302.8	Sg	08:18:33.620	0.4					T__				m__	
EMING	0.25	17.4	Pg	08:18:31.670	0.1					T__				mci	ML 1.9
EMING	0.25	17.4	Sg	08:18:35.260	0.5					T__				m__	
WILA	0.27	154.9	Pg	08:18:32.230	0.2					T__				mci	ML 1.9
WILA	0.27	154.9	Sg	08:18:36.340	0.7					T__				m__	
WALHA	0.28	70.4	Pg	08:18:32.250	0.1					T__				m_i	ML 1.9
WALHA	0.28	70.4	Sg	08:18:36.380	0.7					T__				m__	
METMA	0.33	279.1	Pg	08:18:33.190	0.1					T__				m__	ML 1.9
METMA	0.33	279.1	Sg	08:18:37.740	0.3					T__				m__	
ROMAN	0.42	103.2	Pg	08:18:34.900	0.2					T__				mc_	ML 1.7
ROMAN	0.42	103.2	Sg	08:18:40.790	0.7					T__				m__	
BERGE	0.43	299.5	Pg	08:18:35.160	0.1					T__				md_	ML 1.6
BERGE	0.43	299.5	Sg	08:18:41.380	0.8					T__				m__	

BERGE	0.43	299.5	SmS	08:18:46.320	-1.4	T__	m__	
SULZ	0.44	252.8	Pg	08:18:35.430	0.2	T__	mc_ ML	1.9
SULZ	0.44	252.8	Sg	08:18:41.560	0.6	T__	m__	
A101B	0.47	344.7	Pg	08:18:35.850	0.0	---	m__ ML	1.9
A101B	0.47	344.7	Sg	08:18:42.310	0.3	---	m__	
GUT	0.48	31.6	Pg	08:18:36.030	0.0	T__	mc_ ML	2.0
GUT	0.48	31.6	Sg	08:18:42.890	0.6	T__	m__	
FELD	0.54	293.9	Pg	08:18:37.150	0.1	T__	mdi ML	1.7
FELD	0.54	293.9	PmP	08:18:39.610	-1.0	T__	m__	
FELD	0.54	293.9	Sg	08:18:44.560	0.6	T__	m__	
MSS	0.54	16.1	Pg	08:18:37.210	0.2	T__	mci ML	1.9
A103D	0.56	75.4	Pg	08:18:37.810	0.3	T__	mc_ ML	2.0
A103D	0.56	75.4	Sg	08:18:45.740	0.9	T__	m__	
A102A	0.57	32.7	Pg	08:18:37.710	0.1	---	m__ ML	2.1
A102A	0.57	32.7	Sg	08:18:45.920	0.9	---	m__	
KIZ	0.62	298.5	Pg	08:18:38.710	0.1	T__	md_ ML	1.8
KIZ	0.62	298.5	PmP	08:18:40.420	-1.4	T__	m__	
FREU	0.63	24.8	Pg	08:18:38.930	0.1	T__	mci ML	2.3
FREU	0.63	24.8	Sg	08:18:47.870	0.8	T__	m__	
ENDD	0.67	275.0	Sg	08:18:48.720	0.4	T__	m__ ML	2.4
BFO	0.72	338.0	Pg	08:18:41.280	0.8	---	m_e ML	2.5
BFO	0.72	338.0	PmP	08:18:42.040	-1.3	T__	m__	
BFO	0.72	338.0	Sg	08:18:50.049	0.2	---	m_e	
BFO	0.72	338.0	SmS	08:18:52.990	-1.7	T__	m__	
PLONS	0.75	144.3	Pg	08:18:41.728	0.7	---	m_e ML	1.5
PLONS	0.75	144.3	Sg	08:18:51.765	1.0	---	m_e	
ZWI	0.76	38.4	Pg	08:18:41.190	-0.1	T__	m__ ML	2.5
ZWI	0.76	38.4	PmP	08:18:42.380	-1.6	T__	m__	
ZWI	0.76	38.4	SmS	08:18:54.560	-1.2	T__	m__	
A104C	0.77	52.6	Pg	08:18:41.930	0.5	---	m__ ML	2.5
A104C	0.77	52.6	Sg	08:18:52.060	0.6	---	m__	
BALST	0.78	245.6	Pg	08:18:41.670	0.2	T__	m__ ML	2.4
BALST	0.78	245.6	Sg	08:18:52.328	0.8	---	m_e	
A100A	0.80	9.0	Pg	08:18:41.920	-0.1	T__	m__ ML	3.4
A100A	0.80	9.0	Sg	08:18:52.670	0.3	T__	m__	
BUCH	0.89	27.3	Pg	08:18:43.680	0.0	T__	m__	
TUBL	0.89	14.9	PmP	08:18:44.250	-1.8	T__	m__ ML	2.3
OPP	0.91	336.5	PmP	08:18:45.000	-1.4	T__	m__ ML	2.3
OPP	0.91	336.5	Sg	08:18:56.180	0.3	T__	m__	
A109A	0.92	31.4	Pg	08:18:44.310	0.1	---	m__ ML	2.7
A109A	0.92	31.4	Sg	08:18:57.830	1.7	---	m__	
UBR	0.92	88.3	Pg	08:18:44.838	0.6	---	m_e ML	2.1
UBR	0.92	88.3	Sg	08:18:57.737	1.5	---	m_e	
A124A	1.00	350.7	Pg	08:18:45.830	0.1	T__	m__	
A108A	1.00	46.4	Pg	08:18:46.230	0.4	---	m__ ML	2.8
A108A	1.00	46.4	Sg	08:19:00.270	1.5	---	m__	
A107D	1.04	69.4	PmP	08:18:47.580	-1.0	T__	m__ ML	2.3
A107D	1.04	69.4	Sg	08:19:01.120	1.2	---	m__	
A107D	1.04	69.4	SmS	08:19:02.770	-0.7	T__	m__	
BOURR	1.05	255.9	Pg	08:18:46.720	0.0	T__	m__ ML	2.2
GALG	1.13	1.5	PmP	08:18:48.360	-1.7	T__	m__ ML	2.3
GALG	1.13	1.5	Sn	08:19:02.020	-1.9	T__	m__	
STU	1.15	15.2	Pg	08:18:48.717	0.2	---	m_e	
ECH	1.19	298.3	Pg	08:18:49.526	0.1	---	m_e ML	1.6

ECH	1.19	298.3	Sg	08:19:05.368	0.5	---	m_e		
URBA	1.31	25.3	Pn	08:18:49.800	-1.2	T_	m_	ML	2.3
URBA	1.31	25.3	PmP	08:18:51.540	-1.6	T_	m_		
URBA	1.31	25.3	Sn	08:19:06.850	-1.3	T_	m_		
HDH	1.35	46.2	PmP	08:18:52.420	-1.5	T_	m_	ML	2.1
BRET	1.35	358.7	Sn	08:19:07.720	-1.5	---	m_		
CHMF	1.47	254.5	Sn	08:19:10.770	-1.2	---	m_	ML	2.3
NORI	1.64	49.2	Pg	08:18:57.930	0.1	---	m_e		
NORI	1.64	49.2	Sg	08:19:19.486	0.3	---	m_e		

Event 90922005 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/22	12:58:43.00	0.00	1.13	46.4278	12.9006	4.7	1.8	003	13.0f		115	41	098			m i ke	LDG	90922025
2019/09/22	12:58:42.79	0.14	0.98	46.4571	12.9819	1.2	0.8	004	11.4	1.6	91	13	018			m i fe	ZAMG	90922015
2019/09/22	12:58:45.50	0.31	1.21	46.5400	13.0390	4.4	4.4	013	10.0f		51	28	199	0.58	6.63	m i ke	BGR	90922005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.4	40 LDG	90922025
ML	4.0	0.3	22 ZAMG	90922015
ML	3.8	0.3	25 BGR	90922005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.58	21.1	Pg	12:58:56.361	-0.2					T_				m_e	ML 3.3
KBA	0.58	21.1	Sg	12:59:05.128	1.1					T_				m_e	
OBKA	1.04	91.2	Pg	12:59:03.092	-2.1					T_				m_e	ML 3.5
OBKA	1.04	91.2	Sg	12:59:18.319	-0.3					T_				m_e	
WTTA	1.20	307.6	Pg	12:59:06.400	-1.8					T_				m_e	ML 3.6
RJOB	1.21	352.2	Sg	12:59:25.599	1.6					T_				m_e	ML 3.4
MOA	1.55	32.0	Pn	12:59:14.003	1.6					T_				m_e	ML 3.3
MOA	1.55	32.0	Pg	12:59:14.655	-0.1					T_				m_e	
ARSA	1.84	66.4	Pg	12:59:17.132	-3.1					T_				m_e	ML 3.1
FUR	2.02	324.3	Pn	12:59:19.939	1.2					T_				m_e	ML 4.2
FUR	2.02	324.3	Pg	12:59:23.243	-0.3					T_				m_e	
FUR	2.02	324.3	Sg	12:59:49.919	0.3					T_				m_e	
DAVA	2.28	290.2	Pn	12:59:23.900	1.6					T_				m_e	ML 3.9
UBR	2.30	300.8	Pn	12:59:23.999	1.5					T_				m_e	ML 4.0
UBR	2.30	300.8	Sg	12:59:57.947	-0.6					T_				m_e	
GEC2	2.35	10.7	Pn	12:59:24.399	1.2					T_				m_e	ML 3.6
GEC2	2.35	10.7	Sg	13:00:00.872	0.7					T_				m_e	
WET	2.61	357.7	Pn	12:59:27.790	1.1					T_				m_e	ML 3.7
WET	2.61	357.7	Pg	12:59:33.980	-0.7					T_				m_e	
WET	2.61	357.7	Sn	13:00:00.161	3.8					T_				m_e	
WET	2.61	357.7	Sg	13:00:08.346	0.0					T_				m_e	
ROTZ	3.27	350.5	Pn	12:59:36.046	0.3					T_				m_e	ML 3.8
ROTZ	3.27	350.5	Pg	12:59:45.975	-1.2					T_				m_e	
ROTZ	3.27	350.5	Sn	13:00:15.405	3.3					T_				m_e	
ROTZ	3.27	350.5	Sg	13:00:30.433	0.9					T_				m_e	
GRA1	3.38	339.6	Pn	12:59:37.388	0.2					T_				m_e	ML 4.3
GRA1	3.38	339.6	Pg	12:59:48.626	-0.5					T_				m_e	
STU	3.42	312.1	Pn	12:59:38.550	0.8					T_				m_e	ML 4.4
MANZ	3.50	350.2	Pn	12:59:39.065	0.2					T_				m_e	ML 3.9

MANZ	3.50	350.2	Sn	13:00:18.927	1.5	T__	m_e		
BFO	3.65	301.1	Pn	12:59:41.575	0.7	T__	m_e ML	3.9	
BFO	3.65	301.1	Sn	13:00:23.308	2.3	T__	m_e		
TANN	3.89	354.6	Pn	12:59:45.297	1.1	T__	m_e ML	4.1	
TANN	3.89	354.6	Pg	12:59:57.981	-0.9	T__	m_e		
TANN	3.89	354.6	Sg	13:00:48.564	-0.7	T__	m_e		
PLN	3.99	351.9	Pn	12:59:46.385	0.9	T__	m_e ML	3.8	
PLN	3.99	351.9	Sn	13:00:34.242	5.4	T__	m_e		
PLN	3.99	351.9	Sg	13:00:50.627	-1.6	T__	m_e		
MOX	4.21	347.6	Pn	12:59:48.786	0.3	T__	m_e ML	4.0	
MOX	4.21	347.6	Sn	13:00:36.318	2.2	T__	m_e		
MOX	4.21	347.6	Sg	13:00:56.906	-2.4	T__	m_e		
BRG	4.37	7.5	Pn	12:59:51.346	0.7	T__	m_e ML	3.9	
BRG	4.37	7.5	Sg	13:01:02.645	-1.8	T__	m_e		
UBBA	4.72	336.0	Pn	12:59:56.929	1.5	T__	m_e ML	4.0	
CLL	4.77	359.7	Pn	12:59:56.929	0.9	T__	m_e ML	4.3	
TNS	4.78	322.1	Pn	12:59:57.162	1.0	T__	m_e ML	4.1	
WLF	5.56	306.7	Pn	13:00:09.259	2.5	T__	m_e ML	4.0	
KAST	5.56	328.6	Pn	13:00:08.328	1.5	T__	m_e ML	3.8	
CLZ	5.58	342.8	Pn	13:00:09.026	2.0	T__	m_e		
BUG	6.19	324.5	Pn	13:00:17.401	2.1	T__	m_e		
RETH	6.63	340.3	Pn	13:00:23.217	2.0	T__	m_e		

Event 90922006 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/22	16:12:01.30	0.10	0.76	43.9082	10.2454	2.4	1.8	001	5.0f		69	21	082			m i ke	LDG	90922016
2019/09/22	16:12:00.89	0.67	1.18	43.5610	10.1980	11.1	8.9	011	10.0f		31	18	292	3.53	6.77	m i ke	BGR	90922006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	5 LDG	90922016
ML	3.3	0.3	15 BGR	90922006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	3.53	350.9	Pn	16:12:55.740	1.0					T__				m_e ML	2.9
PLONS	3.53	350.9	Sn	16:13:34.158	0.6					T__				m_e	
DAVA	3.73	356.7	Pn	16:12:58.628	1.2					T__				m_e ML	3.4
DAVA	3.73	356.7	Sn	16:13:39.885	1.7					T__				m_e	
WTTA	3.84	14.7	Pn	16:12:59.083	0.3					T__				m_e ML	3.4
WTTA	3.84	14.7	Sn	16:13:41.707	1.0					T__				m_e	
WILA	3.96	347.2	Pn	16:13:00.450	0.0					T__				m_e ML	3.5
WILA	3.96	347.2	Sn	16:13:42.720	-0.8					T__				m_e	
UBR	4.12	359.2	Pn	16:13:03.005	0.4					T__				m_e ML	3.6
UBR	4.12	359.2	Sn	16:13:48.896	1.5					T__				m_e	
KBA	4.15	31.1	Sn	16:13:47.782	-0.4					T__				m_e ML	3.1
BALST	4.16	335.9	Pn	16:13:03.604	0.4					T__				m_e ML	3.4
BALST	4.16	335.9	Sn	16:13:46.881	-1.5					T__				m_e	
SULZ	4.23	340.5	Pn	16:13:04.464	0.4					T__				m_e ML	4.1
SULZ	4.23	340.5	Sn	16:13:49.465	-0.4					T__				m_e	
SLE	4.37	344.8	Pn	16:13:05.224	-0.8					T__				m_e ML	3.9
SLE	4.37	344.8	Sn	16:13:50.680	-2.6					T__				m_e	

RJOB	4.55	22.6	Pn	16:13:08.544	0.0	T__	m_e	ML	3.3
RJOB	4.55	22.6	Sn	16:13:58.172	0.6	T__	m_e		
BFO	4.94	345.4	Pn	16:13:13.476	-0.3	T__	m_e	ML	3.2
BFO	4.94	345.4	Sn	16:14:03.911	-2.8	T__	m_e		
MOA	5.14	32.1	Pn	16:13:16.163	-0.3	T__	m_e	ML	3.2
MOA	5.14	32.1	Sn	16:14:11.859	0.5	T__	m_e		
ARSA	5.25	43.5	Pn	16:13:16.821	-1.1	T__	m_e	ML	2.9
GEC2	5.81	23.4	Pn	16:13:24.556	-1.0	T__	m_e	ML	3.2
GEC2	5.81	23.4	Sn	16:14:24.530	-2.6	T__	m_e		
WET	5.88	17.4	Pn	16:13:25.250	-1.3	T__	m_e	ML	3.2
WET	5.88	17.4	Sn	16:14:25.837	-2.9	T__	m_e		
ROTZ	6.36	11.8	Pn	16:13:31.241	-1.7	T__	m_e		
MANZ	6.56	10.8	Pn	16:13:34.193	-1.5	T__	m_e		
TNS	6.77	350.5	Pn	16:13:38.068	-0.5	T__	m_e		

Event 90924007 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/24	13:38:15.00	0.24	0.92	56.8831	1.3269	5.7	2.7	030	2.0f		166	38	169			m i ke	LDG	90924017
2019/09/24	13:38:16.65	0.59	1.04	56.9880	1.8940	7.8	6.7	129	10.0f		42	25	288	4.03	7.80	m i ke	BGR	90924007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.4	0.3	45 LDG	90924017
ML	4.5	0.3	22 BGR	90924007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MUD	4.03	94.5	Pn	13:39:16.606	-0.5					T__				m_e	ML 4.3
MUD	4.03	94.5	Sn	13:40:02.984	2.0					T__				m_e	
HLG	4.39	127.1	Pn	13:39:21.508	-0.6					T__				m_e	ML 4.3
HLG	4.39	127.1	Sn	13:40:08.192	-1.3					T__				m_e	
SEVE	5.49	137.1	Sn	13:40:32.422	-2.8					T__				m_e	ML 4.7
WTSB	5.77	148.4	Sn	13:40:41.883	-0.0					T__				m_e	ML 4.6
IBBN	5.78	141.6	Pn	13:39:41.325	0.4					T__				m_e	ML 4.4
IBBN	5.78	141.6	Sn	13:40:42.099	0.0					T__				m_e	
KHUS	5.87	114.5	Pn	13:39:43.344	1.2					T__				m_e	ML 4.8
KHUS	5.87	114.5	Sn	13:40:43.747	-0.6					T__				m_e	
COP	5.98	98.1	Sn	13:40:46.995	0.2					T__				m_e	ML 5.2
RETH	6.05	131.6	Pn	13:39:43.784	-0.7					T__				m_e	
LUEB	6.12	137.2	Pn	13:39:45.013	-0.5					T__				m_e	ML 4.4
LUEB	6.12	137.2	Sn	13:40:47.414	-2.7					T__				m_e	
LOCC	6.20	134.5	Pn	13:39:46.074	-0.5					T__				m_e	
LOCC	6.20	134.5	Sn	13:40:51.785	-0.2					T__				m_e	
UCC	6.36	165.8	Pn	13:39:48.511	-0.2					T__				m_e	ML 3.8
UCC	6.36	165.8	Sn	13:40:54.795	-0.9					T__				m_e	
BUG	6.37	148.3	Pn	13:39:48.159	-0.8					T__				m_e	ML 4.5
BUG	6.37	148.3	Sn	13:40:55.296	-0.7					T__				m_e	
GOR1	6.71	122.6	Pn	13:39:52.229	-1.3					T__				m_e	
MEM	6.82	157.5	Pn	13:39:54.541	-0.5					T__				m_e	ML 4.7
MEM	6.82	157.5	Sn	13:41:07.263	0.6					T__				m_e	
RGN	6.87	106.0	Sn	13:41:06.761	-0.9					T__				m_e	ML 4.9
KAST	6.93	143.8	Pn	13:39:56.665	0.2					T__				m_e	ML 4.5

KAST	6.93	143.8	Sn	13:41:08.338	-0.8	T__	m_e															
ASSE	7.03	130.0	Pn	13:39:57.207	-0.6	T__	m_e	ML	4.2													
ASSE	7.03	130.0	Sn	13:41:10.918	-0.6	T__	m_e															
RCHB	7.11	162.5	Pn	13:39:58.917	-0.0	T__	m_e	ML	4.5													
RCHB	7.11	162.5	Sn	13:41:12.064	-1.4	T__	m_e															
CLZ	7.12	132.7	Pn	13:39:58.024	-1.0	T__	m_e	ML	4.4													
CLZ	7.12	132.7	Sn	13:41:15.074	1.5	T__	m_e															
FLT1	7.12	126.9	Pn	13:39:57.573	-1.6	T__	m_e	ML	4.2													
FLT1	7.12	126.9	Sn	13:41:11.634	-2.1	T__	m_e															
GTTG	7.19	135.8	Pn	13:40:00.046	0.0	T__	m_e	ML	4.7													
GTTG	7.19	135.8	Sn	13:41:16.794	1.5	T__	m_e															
FALKS	7.60	130.3	Pn	13:40:04.261	-1.4	T__	m_e	ML	4.4													
FALKS	7.60	130.3	Sn	13:41:24.408	-0.6	T__	m_e															
WLF	7.75	159.1	Pn	13:40:08.473	0.9	T__	m_e	ML	4.5													
UBBA	7.79	138.9	Sn	13:41:30.063	0.7	T__	m_e	ML	4.2													
TNS	7.80	147.4	Pn	13:40:08.858	0.6	T__	m_e	ML	4.6													
TNS	7.80	147.4	Sn	13:41:29.776	0.3	T__	m_e															

Event 90925004 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/25	16:03:02.40	0.29	0.99	42.9980	13.3176	9.0	4.7	051	70.0f		54	21	208			m i ke	LDG	90925014
2019/09/25	16:03:03.51	0.77	1.00	43.0090	13.2000	10.0	7.8	175	10.0f		30	20	300	3.63	7.71	m i ke	BGR	90925004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.5	20 LDG	90925014
ML	3.5	0.3	20 BGR	90925004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.63	14.8	Pn	16:03:57.901	-0.7					T__				m_e	ML 3.0
OBKA	3.63	14.8	Sn	16:04:38.076	-0.3					T__				m_e	
KBA	4.07	1.4	Sn	16:04:49.074	0.3					T__				m_e	ML 3.3
WTTA	4.40	346.0	Pn	16:04:10.336	1.3					T__				m_e	ML 3.5
WTTA	4.40	346.0	Sn	16:04:56.344	-0.1					T__				m_e	
ARSA	4.55	20.3	Pn	16:04:10.054	-1.0					T__				m_e	ML 3.2
ARSA	4.55	20.3	Sn	16:04:59.045	-0.9					T__				m_e	
RJOB	4.74	356.7	Pn	16:04:13.564	-0.1					T__				m_e	ML 3.5
RJOB	4.74	356.7	Sn	16:05:05.141	0.7					T__				m_e	
OBER	4.85	336.1	Sn	16:05:06.554	-0.6					T__				m_e	ML 3.2
PLONS	4.86	327.6	Pn	16:04:16.215	1.0					T__				m_e	ML 3.2
PLONS	4.86	327.6	Sn	16:05:08.615	1.3					T__				m_e	
DAVA	4.88	332.5	Pn	16:04:15.933	0.4					T__				m_e	ML 3.5
DAVA	4.88	332.5	Sn	16:05:08.046	0.3					T__				m_e	
MOA	4.90	8.4	Pn	16:04:15.605	-0.2					T__				m_e	ML 3.2
MOA	4.90	8.4	Sn	16:05:08.478	0.2					T__				m_e	
UBR	5.15	336.1	Sn	16:05:15.804	1.6					T__				m_e	ML 3.5
WILA	5.34	327.0	Sn	16:05:18.660	-0.0					T__				m_e	ML 3.6
SULZ	5.76	323.4	Sn	16:05:26.696	-1.9					T__				m_e	ML 4.3
SLE	5.79	326.9	Pn	16:04:26.582	-1.3					T__				m_e	ML 4.1
SLE	5.79	326.9	Sn	16:05:27.224	-2.0					T__				m_e	
BALST	5.81	320.0	Pn	16:04:27.438	-0.7					T__				m_e	ML 3.7

BALST	5.81	320.0	Sn	16:05:28.101	-1.6	T__	m_e		
GEC2	5.85	3.2	Pn	16:04:27.374	-1.3	T__	m_e ML	3.3	
GEC2	5.85	3.2	Sn	16:05:29.772	-0.8	T__	m_e		
WET	6.14	358.0	Sn	16:05:35.786	-1.6	T__	m_e ML	3.5	
BFO	6.31	329.1	Sn	16:05:39.701	-1.8	T__	m_e ML	3.5	
ROTZ	6.79	354.6	Sn	16:05:50.634	-2.2	T__	m_e ML	3.5	
GRA1	6.82	349.2	Sn	16:05:51.858	-1.6	T__	m_e ML	3.7	
MOX	7.71	352.5	Sn	16:06:12.320	-2.1	T__	m_e ML	3.7	

Event 90926001 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
2019/09/26	01:58:39.52	0.68	0.94	48.5855	7.9220	4.2	2.2	148	8.0	0.0	14	1	010			m i uk	ZAMG	90926041
2019/09/26	01:58:38.30	0.06	0.58	48.6596	7.7678	1.1	1.0	156	4.0f		74	11	049			m i si	LDG	90926031
2019/09/26	01:58:38.61	1.04	0.28	48.6580	7.7980				0.0		12	6	308	0.48	1.27	m i ke	BUG	90926021
2019/09/26	01:58:38.23	0.22	0.32	48.6610	7.7880	2.2	1.1	067	5.0f		27	16	090	0.49	1.83	m i ki	BGR	90926011
2019/09/26	01:58:38.30	0.10	0.29	48.6530	7.8020	1.1	1.0	021	6.0	2.0	59	35	043	0.07	1.66	m i ki	LED	90926001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	1 ZAMG	90926041
MD	1.9		1 LDG	90926031
ML	2.1	0.3	13 LDG	90926031
MD	2.4	0.2	6 BUG	90926021
ML	2.2	0.2	6 BUG	90926021
ML	1.7	0.3	14 BGR	90926011
ML	1.6	0.2	31 LED	90926001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	125.1	Pg	01:58:40.280	0.3					T__				md__	
A123A	0.07	125.1	Sg	01:58:42.250	1.1					T__				m__	
HOHE	0.21	271.7	Pg	01:58:42.440	0.1					T__				mc_ ML	1.3
HOHE	0.21	271.7	Sg	01:58:45.760	0.6					T__				m__	
OFFE	0.21	147.0	Pg	01:58:42.640	0.2					T__				md_ ML	1.3
OFFE	0.21	147.0	Sg	01:58:45.950	0.7					T__				m__	
BABA	0.27	75.5	Pg	01:58:43.420	0.0					T__				mc_ ML	1.2
BABA	0.27	75.5	Sg	01:58:47.170	0.3					T__				m__	
OPP	0.30	121.3	Pg	01:58:44.020	0.0					T__				md_ ML	1.7
OPP	0.30	121.3	Sg	01:58:48.170	0.2					T__				m__	
NEEW	0.36	33.2	Pg	01:58:45.470	0.3					T__				m_ ML	1.0
NEEW	0.36	33.2	Sg	01:58:51.010	1.1					T__				m__	
WLS	0.38	231.2	Pg	01:58:45.550	-0.0					T__				mc_ ML	1.3
PEB	0.42	352.3	Pg	01:58:46.110	-0.1					T__				m_ ML	1.3
PEB	0.42	352.3	Sg	01:58:51.720	0.1					T__				m__	
A124A	0.46	90.6	Pg	01:58:46.970	-0.0					T__				mc_	
BFO	0.48	132.5	Pg	01:58:47.360	0.0					T__				md_ ML	1.4
BFO	0.48	132.5	Sg	01:58:53.570	0.1					T__				m__	
VOEL	0.55	305.3	Sg	01:58:56.350	0.6					T__				m_ ML	1.1
VOEL	0.55	305.3	SmS	01:58:59.890	-1.6					T__				m__	
VOGT	0.58	188.8	PmP	01:58:50.940	-1.6					T__				m_ ML	1.6
VOGT	0.58	188.8	Sg	01:58:57.730	1.0					T__				m__	
ECH	0.61	224.6	Pg	01:58:49.707	-0.1					__				m_e ML	1.4

ECH	0.61	224.6	Sg	01:58:57.852	0.1	___	m_e	
GALG	0.66	78.0	Pg	01:58:50.700	-0.1	T_	mc_ ML	2.0
GALG	0.66	78.0	Sg	01:58:59.280	-0.0	T_	m_	
GALG	0.66	78.0	SmS	01:59:02.360	-2.0	T_	m_	
BRET	0.69	58.0	Sg	01:59:00.720	0.6	T_	m_ ML	1.6
KIZ	0.70	173.6	Pg	01:58:51.890	0.3	T_	m_ ML	1.6
A101B	0.73	136.8	Pg	01:58:52.880	0.8	___	m_ ML	2.1
A101B	0.73	136.8	Sg	01:59:02.790	1.2	___	m_	
ROTE	0.76	130.6	Sg	01:59:03.010	0.4	T_	m_ ML	1.8
ROTE	0.76	130.6	SmS	01:59:05.240	-1.8	T_	m_	
A100A	0.77	104.6	Pg	01:58:53.680	0.8	___	m_ ML	2.1
A100A	0.77	104.6	Sg	01:59:03.180	0.3	T_	m_	
FELD	0.79	170.1	Sg	01:59:04.170	0.8	T_	m_ ML	1.5
BERGE	0.82	162.1	Pg	01:58:54.351	0.6	___	m_e ML	1.5
BERGE	0.82	162.1	Sg	01:59:04.679	0.3	___	m_e	
MSS	0.90	121.2	PmP	01:58:56.230	-1.4	T_	m_ ML	1.6
MSS	0.90	121.2	Sg	01:59:07.890	0.8	T_	m_	
STU	0.93	82.2	Pg	01:58:56.072	0.3	___	m_e ML	1.6
STU	0.93	82.2	Sg	01:59:08.797	1.0	___	m_e	
ENDD	0.94	182.6	PmP	01:58:56.520	-1.7	T_	m_ ML	1.7
ENDD	0.94	182.6	Sn	01:59:08.700	-2.1	T_	m_	
FREU	0.98	114.7	Pn	01:58:57.320	-0.6	T_	m_ ML	1.9
FREU	0.98	114.7	Sn	01:59:10.340	-1.3	T_	m_	
METMA	0.99	162.1	Pg	01:58:57.052	0.1	___	m_e ML	1.4
METMA	0.99	162.1	Sg	01:59:09.818	0.1	___	m_e	
SLE	1.00	152.3	Pn	01:58:57.130	-1.1	T_	md_ ML	1.5
SLE	1.00	152.3	Sn	01:59:10.670	-1.5	T_	m_	
EMING	1.03	137.1	Pn	01:58:57.710	-0.9	T_	mc_ ML	1.7
EMING	1.03	137.1	Pg	01:58:58.280	0.6	T_	m_	
EMING	1.03	137.1	Sn	01:59:11.510	-1.3	T_	m_	
ILLF	1.04	200.7	Sg	01:59:12.810	1.5	T_	m_ ML	1.6
BUCH	1.05	100.6	Sg	01:59:13.200	1.6	T_	m_ ML	2.1
GUT	1.05	123.2	Pn	01:58:57.920	-1.0	T_	md_ ML	1.9
GUT	1.05	123.2	Pg	01:58:58.610	0.5	T_	m_	
GUT	1.05	123.2	Sg	01:59:12.720	1.1	T_	m_	
A102A	1.06	118.4	Pg	01:58:58.860	0.6	___	m_ ML	2.0
A102A	1.06	118.4	Sg	01:59:12.900	0.9	___	m_	
A109A	1.12	100.2	Pg	01:58:59.930	0.6	___	m_ ML	2.1
A109A	1.12	100.2	Sg	01:59:14.920	1.1	___	m_	
SULZ	1.14	169.4	Sg	01:59:14.624	-0.0	___	m_e ML	2.2
ZWI	1.16	109.4	Sg	01:59:16.330	1.1	T_	m_ ML	2.0
STEIN	1.21	143.7	Sg	01:59:18.080	1.2	T_	m_ ML	1.8
A117A	1.23	70.7	Sn	01:59:15.640	-1.9	T_	m_	
A117A	1.23	70.7	Sg	01:59:18.130	0.8	T_	m_	
ABH	1.24	352.4	Pg	01:59:01.756	0.1	___	m_e	
ABH	1.24	352.4	Sg	01:59:17.284	-0.4	___	m_e	
RIVT	1.25	327.7	Pg	01:59:02.354	0.4	___	m_e	
RIVT	1.25	327.7	Sg	01:59:17.406	-0.8	___	m_e	
WALHA	1.26	135.1	Pg	01:59:02.328	0.3	___	m_e ML	1.8
WALHA	1.26	135.1	Sn	01:59:17.330	-0.9	T_	m_	
WALHA	1.26	135.1	Sg	01:59:19.120	0.8	T_	m_	
DEGG	1.26	91.3	Sn	01:59:17.030	-1.4	T_	m_ ML	2.0
DEGG	1.26	91.3	Sg	01:59:19.410	0.9	T_	m_	
A106B	1.27	84.7	Pg	01:59:02.570	0.3	___	m_ ML	2.1

Station	Time	Phase	Time	Depth	Mag	Def	Mag
A106B	1.27	84.7	Sg	01:59:19.120	0.4	---	0.1
BOURR	1.31	197.1	Sg	01:59:21.430	1.3	T_	m_ ML 1.9
BALST	1.32	183.2	Pg	01:59:03.353	0.2	---	m_e ML 1.5
BALST	1.32	183.2	Sg	01:59:20.970	0.7	T_	m_
WMG	1.33	316.6	Sg	01:59:20.610	0.0	T_	m_ ML 1.3
A104C	1.34	112.4	Sg	01:59:21.730	0.8	T_	m_
A108A	1.38	102.0	Sg	01:59:22.980	0.8	---	m_
WILA	1.44	148.8	Pn	01:59:05.450	1.2	---	m_ ML 1.6
WILA	1.44	148.8	Pg	01:59:06.030	0.5	---	m_
WILA	1.44	148.8	Sg	01:59:24.950	0.8	---	m_
A103D	1.44	125.5	Sg	01:59:24.990	0.8	---	m_
WLF	1.48	313.8	Sg	01:59:25.052	-0.3	---	m_e ML 1.8
TNS	1.62	14.7	Sg	01:59:29.373	-0.6	---	m_e ML 1.8
WOER	1.66	76.4	Sg	01:59:31.300	0.2	---	m_
UBR	1.82	121.4	Sg	01:59:36.357	0.2	---	m_e ML 2.0

Event 90926006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/26	13:47:52.14	0.74	1.17	51.4189	15.7798	4.7	4.4	166	0.0	0.0	49	16	010			m i sr	ZAMG	90926016
2019/09/26	13:47:50.14	0.26	0.53	51.5590	16.0070	2.2	1.1	013	1.0f		77	38	201	0.74	3.50	m i ki	BGR	90926006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	16 ZAMG	90926016
ML	3.3	0.3	37 BGR	90926006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.74	165.8	Pg	13:48:04.381	0.3					T_				m_e ML	2.6
KSP	0.74	165.8	Sg	13:48:14.364	0.8					T_				m_e	
DPC	1.22	170.5	Pg	13:48:12.992	-0.2					T_				m_e ML	3.7
DPC	1.22	170.5	Sg	13:48:29.590	0.5					T_				m_e	
PVCC	1.37	221.8	Pg	13:48:16.099	0.1					T_				m_e ML	3.7
PVCC	1.37	221.8	Sg	13:48:33.941	0.2					T_				m_e	
BRG	1.46	242.9	Pg	13:48:17.064	-0.7					T_				m_e ML	3.0
BRG	1.46	242.9	Sg	13:48:35.940	-0.7					T_				m_e	
FBE	1.78	250.0	Pn	13:48:22.021	0.8					T_				m_e ML	3.0
FBE	1.78	250.0	Sg	13:48:46.477	-0.2					T_				m_e	
PRU	1.82	211.1	Pn	13:48:21.725	-0.1					T_				m_e ML	2.9
PRU	1.82	211.1	Pg	13:48:23.917	-0.6					T_				m_e	
PRU	1.82	211.1	Sg	13:48:48.377	0.3					T_				m_e	
CLL	1.89	263.5	Pn	13:48:21.714	-1.0					T_				m_e ML	3.1
CLL	1.89	263.5	Sg	13:48:50.601	0.4					T_				m_e	
MORC	2.03	150.8	Pn	13:48:24.471	-0.1					T_				m_e ML	3.6
MORC	2.03	150.8	Sg	13:48:54.129	-0.5					T_				m_e	
OKC	2.19	140.9	Pn	13:48:26.574	-0.2					T_				m_e ML	2.9
OKC	2.19	140.9	Pg	13:48:30.925	-0.5					T_				m_e	
OKC	2.19	140.9	Sg	13:48:58.937	-0.8					T_				m_e	
VRAC	2.28	170.4	Pn	13:48:28.425	0.4					T_				m_e ML	3.1
TREC	2.29	188.5	Pn	13:48:28.575	0.5					T_				m_e ML	3.4
SCHF	2.43	250.1	Pn	13:48:29.794	-0.2					T_				m_e ML	3.2
SCHF	2.43	250.1	Sg	13:49:08.083	0.8					T_				m_e	

HKWD	2.45	254.2	Pn	13:48:30.097	-0.3	T__	m_e ML	3.5
HKWD	2.45	254.2	Pg	13:48:35.948	-0.4	T__	m_e	
HKWD	2.45	254.2	Sg	13:49:08.757	0.7	T__	m_e	
ZEITZ	2.48	259.7	Sg	13:49:09.107	0.2	T__	m_e ML	3.5
TANN	2.51	244.2	Pn	13:48:31.098	0.0	T__	m_e ML	3.3
TANN	2.51	244.2	Pg	13:48:37.951	0.6	T__	m_e	
TANN	2.51	244.2	Sg	13:49:09.363	-0.4	T__	m_e	
KRUC	2.51	174.2	Pn	13:48:31.633	0.5	T__	m_e ML	3.2
KRUC	2.51	174.2	Pg	13:48:36.474	-1.0	T__	m_e	
KRUC	2.51	174.2	Sg	13:49:09.591	-0.3	T__	m_e	
GRZ1	2.53	251.4	Pn	13:48:31.097	-0.3	T__	m_e ML	3.1
GRZ1	2.53	251.4	Pg	13:48:37.549	-0.3	T__	m_e	
GRZ1	2.53	251.4	Sg	13:49:11.708	1.2	T__	m_e	
MULD	2.54	244.6	Pn	13:48:31.499	-0.0	T__	m_e ML	3.2
MULD	2.54	244.6	Pg	13:48:38.451	0.5	T__	m_e	
MULD	2.54	244.6	Sg	13:49:10.214	-0.6	T__	m_e	
WERD	2.58	245.9	Pn	13:48:31.899	-0.2	T__	m_e ML	3.1
WERD	2.58	245.9	Pg	13:48:39.252	0.5	T__	m_e	
WERD	2.58	245.9	Sg	13:49:12.515	0.4	T__	m_e	
GUNZ	2.60	244.1	Pn	13:48:32.449	0.0	T__	m_e ML	3.4
GUNZ	2.60	244.1	Pg	13:48:39.752	0.5	T__	m_e	
GUNZ	2.60	244.1	Sg	13:49:12.315	-0.6	T__	m_e	
WERN	2.62	242.4	Pn	13:48:32.747	0.2	T__	m_e ML	3.6
WERN	2.62	242.4	Pg	13:48:40.349	0.9	T__	m_e	
WERN	2.62	242.4	Sg	13:49:13.658	0.3	T__	m_e	
PLN	2.65	247.6	Pn	13:48:32.797	-0.2	T__	m_e ML	2.9
PLN	2.65	247.6	Pg	13:48:39.999	-0.1	T__	m_e	
PLN	2.65	247.6	Sg	13:49:14.708	0.4	T__	m_e	
NEUB	2.66	264.1	Pn	13:48:33.149	-0.1	T__	m_e ML	3.9
NEUB	2.66	264.1	Pg	13:48:39.952	-0.4	T__	m_e	
NEUB	2.66	264.1	Sg	13:49:15.666	0.9	T__	m_e	
ROHR	2.68	241.8	Pn	13:48:33.299	-0.1	T__	m_e ML	3.7
ROHR	2.68	241.8	Pg	13:48:39.852	-0.7	T__	m_e	
ROHR	2.68	241.8	Sg	13:49:15.404	0.2	T__	m_e	
TRIB	2.72	245.2	Pn	13:48:33.749	-0.2	T__	m_e ML	3.3
TRIB	2.72	245.2	Sg	13:49:16.557	0.0	T__	m_e	
OJC	2.74	117.8	Pn	13:48:33.587	-0.7	T__	m_e ML	3.4
OJC	2.74	117.8	Pg	13:48:41.650	-0.1	T__	m_e	
OJC	2.74	117.8	Sg	13:49:17.659	0.4	T__	m_e	
TAUT	2.75	259.6	Pn	13:48:34.150	-0.2	T__	m_e ML	3.9
TAUT	2.75	259.6	Pg	13:48:41.502	-0.4	T__	m_e	
TAUT	2.75	259.6	Sg	13:49:17.376	-0.1	T__	m_e	
JAVC	2.90	157.8	Pn	13:48:37.750	1.3	T__	m_e ML	3.3
MOX	2.90	253.4	Pn	13:48:36.114	-0.4	T__	m_e ML	3.4
MANZ	2.92	239.0	Pn	13:48:36.738	0.0	T__	m_e ML	3.6
CKRC	2.95	202.3	Pn	13:48:38.027	1.0	T__	m_e ML	3.7
ROTZ	3.00	234.8	Pn	13:48:38.065	0.3	T__	m_e ML	3.3
GEC2	3.09	209.4	Pn	13:48:39.902	0.9	T__	m_e ML	3.5
WET	3.13	220.8	Pn	13:48:39.903	0.3	T__	m_e ML	3.4
POSS	3.21	268.0	Pn	13:48:40.567	-0.1	T__	m_e ML	3.5
CHRS	3.22	272.9	Pn	13:48:41.114	0.3	T__	m_e ML	3.2
NIE	3.48	126.3	Pg	13:48:55.276	-0.4	T__	m_e	
CLZ	3.50	276.8	Pn	13:48:45.054	0.5	T__	m_e ML	3.4

Event 90928003 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/28	12:53:21.40	0.07	0.71	46.6449	8.6686	1.3	1.3	125	8.0f		130	23	043			m i ke	LDG	90928023
2019/09/28	12:53:22.32	0.71	1.00	46.6690	8.4820				0.0		21	12	298	1.34	3.55	m i ke	BUG	90928013
2019/09/28	12:53:21.39	0.50		46.6500	8.6380	4.4	2.2	017	4.8	2.2	46	20	244	0.65	4.05	m i ke	BGR	90928003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.2	28 LDG	90928023
MD	3.5	0.5	10 BUG	90928013
ML	3.3	0.2	10 BUG	90928013
ML	2.6	0.4	17 BGR	90928003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.65	51.6	Pg	12:53:33.111	-0.5					T__				m_e	ML 1.8
PLONS	0.65	51.6	Sg	12:53:41.226	-0.7					T__				m_e	
WILA	0.79	13.4	Pg	12:53:36.556	0.3					T__				m_e	ML 3.2
WILA	0.79	13.4	Sg	12:53:47.254	0.8					T__				m_e	
BALST	0.94	317.2	Pg	12:53:39.472	0.3					T__				m_e	ML 2.1
BALST	0.94	317.2	Sg	12:53:52.508	1.2					T__				m_e	
SULZ	0.95	338.1	Pg	12:53:39.607	0.3					T__				m_e	ML 3.0
SULZ	0.95	338.1	Sg	12:53:52.419	0.9					T__				m_e	
DAVA	1.06	52.6	Pg	12:53:41.093	-0.3					T__				m_e	ML 2.4
DAVA	1.06	52.6	Sg	12:53:55.759	0.7					T__				m_e	
METMA	1.09	346.3	Pg	12:53:42.233	0.2					T__				m_e	ML 2.3
METMA	1.09	346.3	Sg	12:53:56.071	-0.1					T__				m_e	
SLE	1.12	355.0	Pg	12:53:42.712	0.2					T__				m_e	ML 3.4
SLE	1.12	355.0	Sg	12:53:57.408	0.4					T__				m_e	
WALHA	1.15	16.5	Pg	12:53:43.292	0.2					T__				m_e	ML 2.8
WALHA	1.15	16.5	Sg	12:53:58.637	0.7					T__				m_e	
BERGE	1.26	345.8	Pn	12:53:44.511	-0.5					T__				m_e	ML 2.4
BERGE	1.26	345.8	Pg	12:53:45.600	0.4					T__				m_e	
BERGE	1.26	345.8	Sg	12:54:01.565	0.1					T__				m_e	
A103D	1.31	28.0	Pg	12:53:46.440	0.4					___				m__	ML 2.8
A103D	1.31	28.0	Sg	12:54:04.340	1.4					___		0.4		m__	
A105A	1.36	55.5	Pg	12:53:47.200	0.2					___				m__	
A101B	1.47	357.7	Pg	12:53:49.300	0.2					___				m__	ML 2.9
A101B	1.47	357.7	Sg	12:54:08.300	0.2					___		0.4		m__	
A102A	1.54	14.1	Pg	12:53:50.600	0.2					___				m__	ML 3.6
A102A	1.54	14.1	Sg	12:54:10.800	0.5					___		1.0		m__	
A104C	1.63	24.7	Pg	12:53:52.200	0.1					___				m__	ML 3.1
A104C	1.63	24.7	Sg	12:54:13.900	0.7					___		0.5		m__	
BFO	1.69	353.0	Pn	12:53:50.283	-0.6					T__				m_e	ML 2.5
BFO	1.69	353.0	Pg	12:53:53.247	-0.1					T__				m_e	
BFO	1.69	353.0	Sn	12:54:10.180	-1.6					T__				m_e	
BFO	1.69	353.0	Sg	12:54:14.962	-0.2					T__				m_e	
A107D	1.73	37.1	Pg	12:53:54.000	0.0					___				m__	ML 3.0
A107D	1.73	37.1	Sg	12:54:17.500	1.2					___		0.3		m__	
A100A	1.81	6.0	Pg	12:53:56.000	0.4					___				m__	ML 3.2
A100A	1.81	6.0	Sg	12:54:18.500	-0.5					___		0.5		m__	
ECH	1.86	328.0	Pn	12:53:53.013	-0.1					T__				m_e	ML 2.1

ECH	1.86	328.0	Sn	12:54:14.724	-1.0	T__	m_e												
ECH	1.86	328.0	Sg	12:54:19.941	-0.5	T__	m_e												
A109A	1.88	16.9	Pg	12:53:56.800	0.0	---	m__ ML	3.2											
A109A	1.88	16.9	Sg	12:54:20.600	-0.4	---	m__		0.4										
A108A	1.88	25.0	Pg	12:53:56.600	-0.2	---	m__ ML	3.1											
A108A	1.88	25.0	Sg	12:54:21.400	0.3	---	m__		0.3										
PART	1.89	62.5	Pg	12:53:56.150	-0.8	T__	m_e												
WTTA	2.14	72.2	Pg	12:54:01.096	-0.6	T__	m_e ML	2.4											
WTTA	2.14	72.2	Sg	12:54:30.587	1.3	T__	m_e												
BE1	2.16	53.3	Pg	12:54:01.277	-0.8	T__	m_e												
FUR	2.34	48.7	Pg	12:54:05.000	-0.5	---	m__ ML	3.1											
NORI	2.46	32.1	Pg	12:54:07.332	-0.5	T__	m_e ML	2.8											
NORI	2.46	32.1	Sg	12:54:39.611	-0.1	T__	m_e												
RJOB	3.03	67.4	Pn	12:54:10.559	1.6	T__	m_e ML	2.7											
RJOB	3.03	67.4	Pg	12:54:19.084	0.6	T__	m_e												
RJOB	3.03	67.4	Sg	12:54:57.966	0.4	T__	m_e												
GRA1	3.50	28.6	Sg	12:55:12.099	-0.4	T__	m_e ML	3.1											
TNS	3.57	358.0	Pn	12:54:16.520	0.2	---	m__ ML	3.3											
WET	3.78	47.2	Pn	12:54:18.827	-0.3	T__	m_e ML	2.8											
WET	3.78	47.2	Pg	12:54:32.204	-0.4	T__	m_e												
WET	3.78	47.2	Sn	12:55:01.112	0.2	T__	m_e												
WET	3.78	47.2	Sg	12:55:21.583	0.1	T__	m_e												
ROTZ	3.92	36.0	Pn	12:54:19.500	-1.5	T__	m_e ML	2.8											
ROTZ	3.92	36.0	Pg	12:54:34.260	-1.0	T__	m_e												
ROTZ	3.92	36.0	Sn	12:55:04.276	0.1	T__	m_e												
ROTZ	3.92	36.0	Sg	12:55:24.926	-1.0	T__	m_e												
GEC2	4.05	55.3	Pn	12:54:23.279	0.5	T__	m_e												
GEC2	4.05	55.3	Sn	12:55:08.659	1.5	T__	m_e												

Event 90929001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/09/29	05:38:02.07	0.87	4.77	51.5415	16.1321	11.5	5.6	074	0.0	0.0	12	3	019			m i sr	ZAMG	90929011
2019/09/29	05:38:01.87	0.44	0.67	51.5810	16.0030	5.6	2.2	017	1.0f		24	15	202	0.76	3.50	m i ki	BGR	90929001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.1	14 ZAMG	90929011
ML	3.1	0.3	15 BGR	90929001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.76	166.0	Pg	05:38:16.446	0.3					T__				m_e ML	2.5
KSP	0.76	166.0	Sg	05:38:26.807	0.8					T__				m_e	
DPC	1.25	170.6	Pg	05:38:25.126	-0.2					T__				m_e ML	3.7
DPC	1.25	170.6	Sg	05:38:41.705	0.2					T__				m_e	
BRG	1.47	242.1	Pn	05:38:28.124	-0.6					T__				m_e ML	2.8
BRG	1.47	242.1	Sg	05:38:49.048	0.4					T__				m_e	
CLL	1.89	262.9	Pn	05:38:33.623	-0.8					T__				m_e ML	2.8
CLL	1.89	262.9	Pg	05:38:36.497	-1.0					T__				m_e	
MORC	2.05	151.0	Pn	05:38:36.637	0.0					T__				m_e ML	3.5
MORC	2.05	151.0	Sg	05:39:06.760	-0.3					T__				m_e	
OKC	2.21	141.3	Sg	05:39:11.182	-0.9					T__				m_e ML	2.7

TANN	2.52	243.8	Sg	05:39:21.637	-0.1	T__	m_e	ML	3.1
WERD	2.59	245.5	Pg	05:38:50.992	0.4	T__	m_e	ML	3.0
OJC	2.75	118.1	Pg	05:38:53.796	0.0	T__	m_e	ML	3.2
OJC	2.75	118.1	Sg	05:39:30.494	1.2	T__	m_e		
MOX	2.91	252.9	Pn	05:38:48.187	-0.1	T__	m_e	ML	3.3
MOX	2.91	252.9	Sg	05:39:34.444	0.2	T__	m_e		
MANZ	2.93	238.6	Pn	05:38:48.890	0.3	T__	m_e	ML	3.3
MANZ	2.93	238.6	Sg	05:39:36.310	1.3	T__	m_e		
ROTZ	3.01	234.5	Pn	05:38:50.030	0.4	T__	m_e	ML	3.0
GEC2	3.11	209.2	Pg	05:38:58.946	-1.5	T__	m_e	ML	3.2
WET	3.15	220.5	Pn	05:38:52.153	0.7	T__	m_e	ML	3.3
WET	3.15	220.5	Sg	05:39:42.028	0.2	T__	m_e		
CLZ	3.50	276.5	Pn	05:38:57.166	0.9	T__	m_e	ML	3.1

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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