


Event Summary

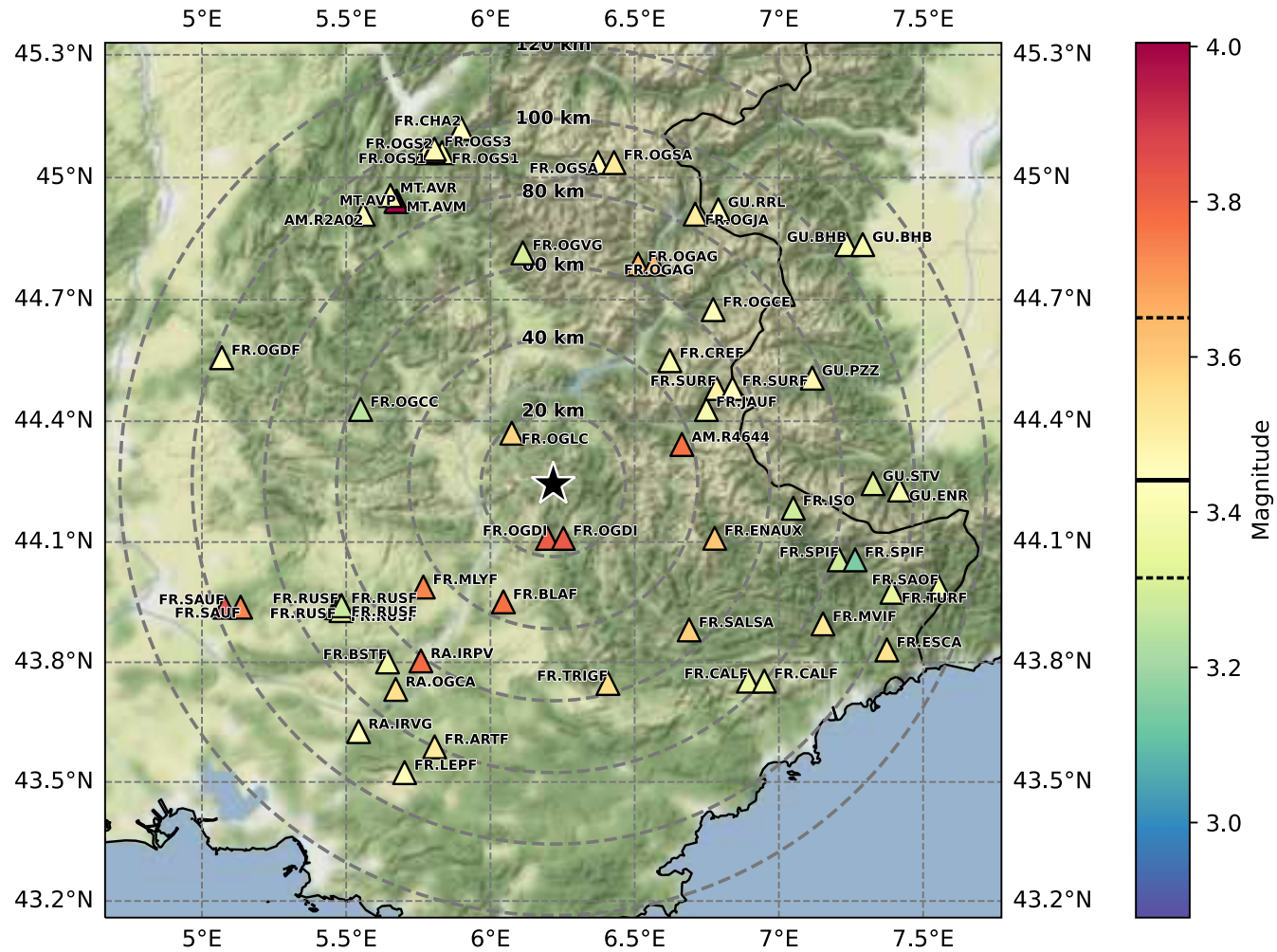
Event ID:	fr2023kxdoxu 
Longitude:	6.218 °E
Latitude:	44.244 °N
Depth:	12.6 km
Origin Time:	2023-01-17T14:31:37.386650Z
Moment Magnitude:	3.44 [- 0.13, + 0.21]
Corner Frequency:	3.027 [- 1.251, + 1.309] Hz

Moment Magnitude

Mw 3.44 [- 0.13, + 0.21]

evid: fr2023kxdoxu

lon: 6.218 lat: 44.244 depth: 12.6 km time: 2023-01-17T14:31:37.386



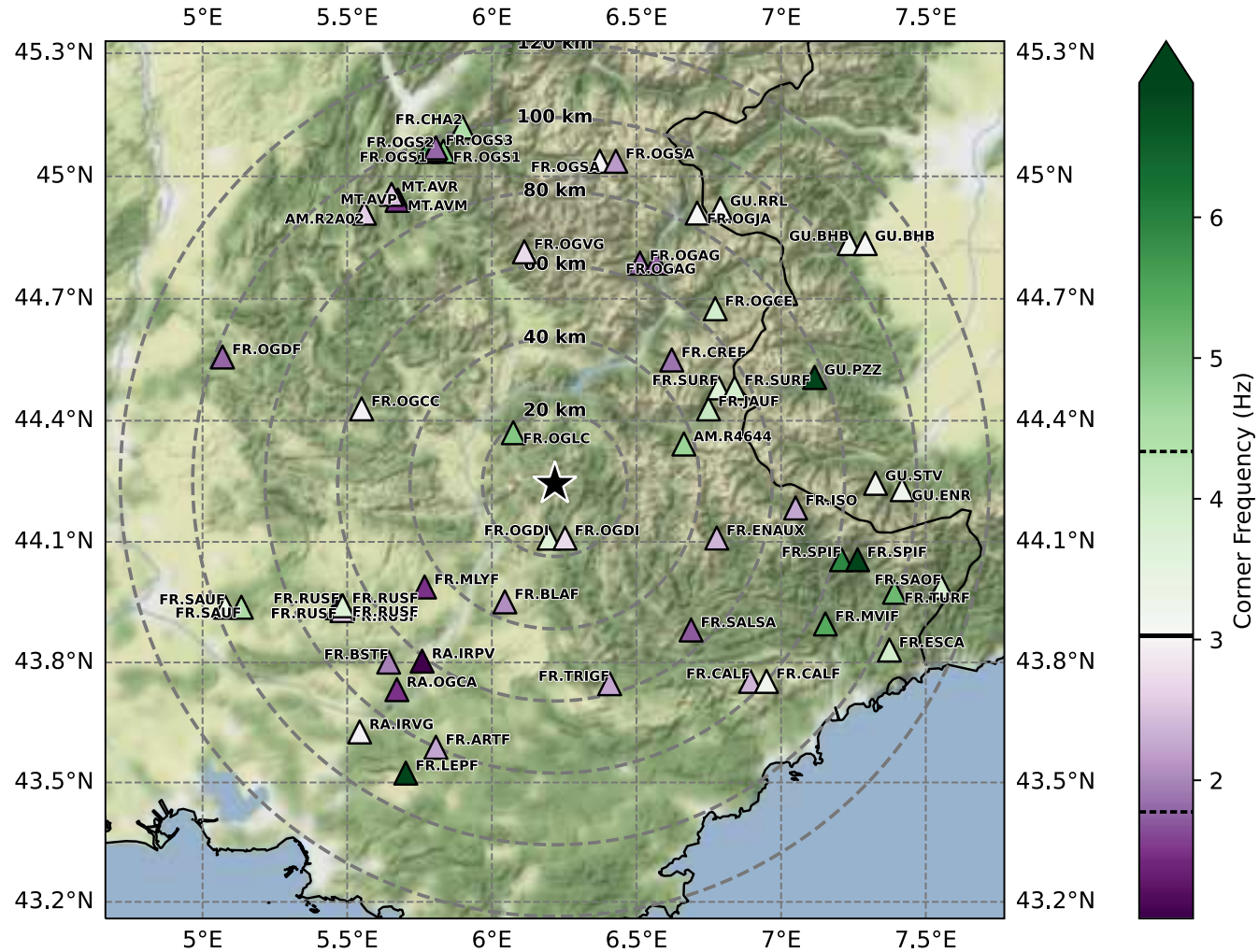
SourceSpec v1.6+136.g29a4ef1 - 2023-01-18 10:44:52 CET
Claudio Satriano - IPGP

Corner Frequency

fc 3.027 [- 1.251, + 1.309] Hz

evid: fr2023kxdoxu

lon: 6.218 lat: 44.244 depth: 12.6 km time: 2023-01-17T14:31:37.386



SourceSpec v1.6+136.g29a4ef1 - 2023-01-18 10:44:52 CET
Claudio Satriano - IPGP

Summary Spectral Parameters

Note: the highlighted column indicates the reference parameters used for [Event Summary](#) and [Map Plots](#).

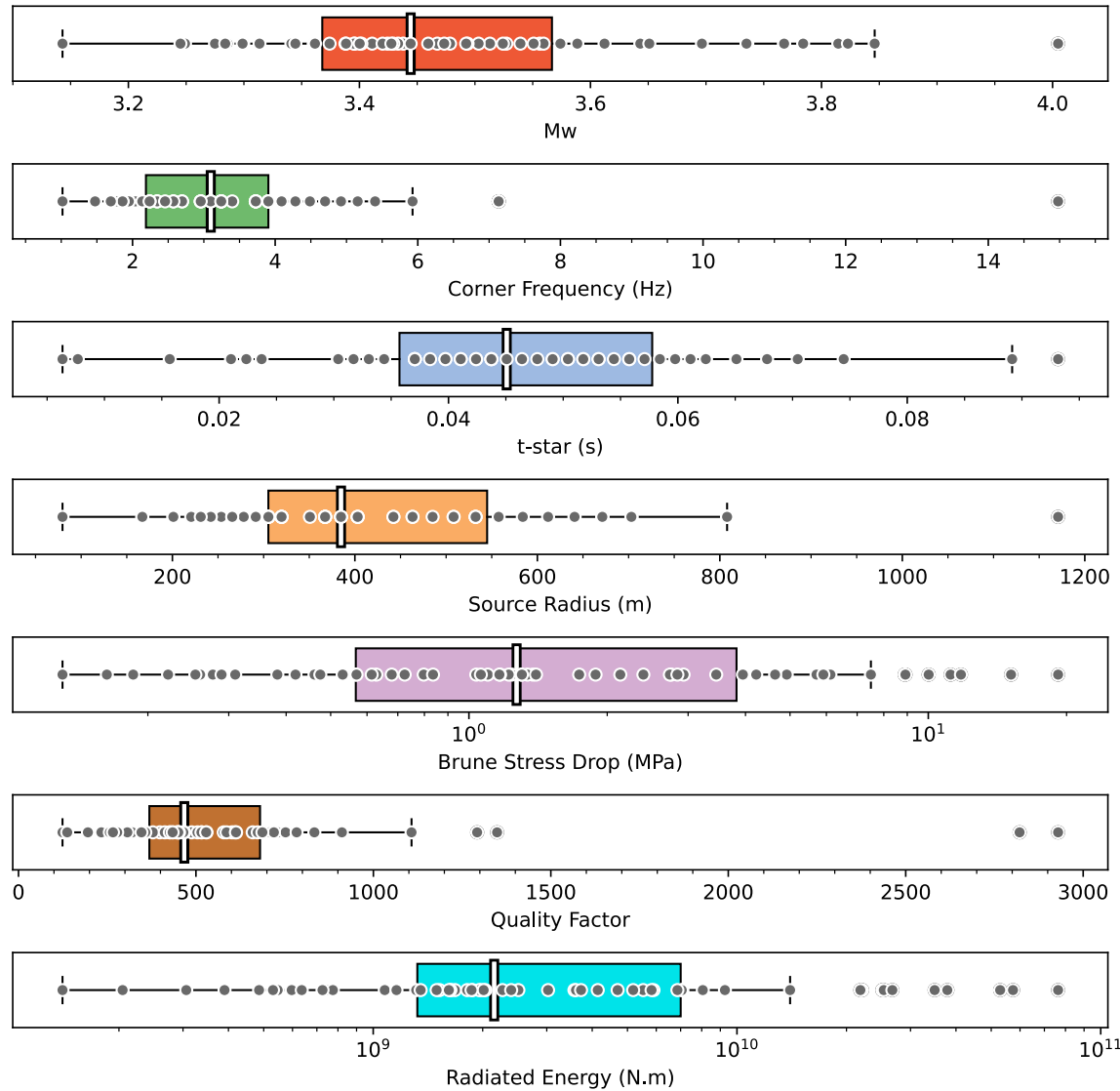
	Mean (1 sigma)	Weighted Mean (1 sigma)	Percentiles (50%, [15.9%, 84.1%])
Mw	3.48 ±0.16	3.65 ±0.20	3.44 -0.13 +0.21
Seismic Moment (N·m)	1.760e+14 -5.821e+13 +8.698e+13	1.774e+14 -5.011e+13 +6.985e+13	1.734e+14 -6.142e+13 +9.448e+13
Corner Frequency (Hz)	2.853 -0.945 +1.413	3.121 -1.001 +1.474	3.027 -1.251 +1.309
t-star (s)	0.045 ±0.016	0.023 ±0.018	0.044 -0.014 +0.017
Qo	499.7 ±194.9	310.8 ±166.5	454.5 -134.6 +248.9
Source Radius (m)	386.348 -141.549 +223.395	337.037 -133.207 +220.260	384.807 -130.516 +255.989

	Mean (1 sigma)	Weighted Mean (1 sigma)	Percentiles (50%, [15.9%, 84.1%])
Brune Stress Drop (MPa)	1.155e+00	1.448e+00	1.169e+00
	-7.724e-01	-9.637e-01	-8.398e-01
	+2.333e+00	+2.880e+00	+2.978e+00
Radiated Energy (N·m)	1.829e+09		1.870e+09
	-1.171e+09		-1.254e+09
	+3.255e+09		+3.812e+09

Spectral Parameter Box Plots

evid: fr2023kxdoxu

lon: 6.218 lat: 44.244 depth: 12.6 km time: 2023-01-17T14:31:37.386



SourceSpec v1.6+136.g29a4ef1 - 2023-01-18 10:44:52 CET
Claudio Satriano - IPGP

Station Parameters

Note: outliers are greyed out

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
AM.R2A02.00.EHH	shortp	3.411	2.573	0.056	488.0	1.646e+14	7.247e-01	463.212	1.522e+09	91.682	324.994
		-0.105	-1.228	±0.029	-168.4	-5.018e+13	-6.528e-01	-252.593			
		+0.000	+3.085		+543.6	+0.000e+00	+6.984e+00	+423.248			
AM.R4644.00.EHH	shortp	3.768	4.700	0.060	195.6	5.640e+14	1.514e+01	253.533	7.636e+10	40.073	72.728
		-0.095	-1.878	±0.027	-60.4	-1.574e+14	-1.278e+01	-114.765			
		+0.000	+3.887		+158.1	+0.000e+00	+7.720e+01	+168.660			
FR.ARTF.00.HHH	broadb	3.513	2.239	0.034	699.9	2.341e+14	6.790e-01	532.332	1.636e+09	81.032	204.533
		-0.095	-1.122	-0.019	-222.5	-6.534e+13	-6.183e-01	-301.250			
		+0.000	+2.918	+0.016	+834.0	+0.000e+00	+7.622e+00	+534.746			
FR.BLAF.00.HHH	broadb	3.768	2.040	0.032	358.9	5.642e+14	1.239e+00	584.052	7.080e+09	37.718	203.114
		-0.095	-1.069	-0.016	-113.6	-1.575e+14	-1.142e+00	-330.518			
		+0.000	+2.660	+0.015	+366.5	+0.000e+00	+1.391e+01	+642.255			
FR.BSTF.00.HHH	broadb	3.374	1.948	0.022	911.3	1.450e+14	2.770e-01	611.766	3.902e+08	68.655	223.315
		-0.095	-1.062	±0.012	-318.5	-4.045e+13	-2.582e-01	-358.233			
		+0.000	+2.752		+1058.5	+0.000e+00	+3.615e+00	+733.683			
FR.CALF.00.HHH	broadb	3.361	2.345	0.030	778.1	1.383e+14	4.611e-01	508.216	7.522e+08	79.712	133.764
		-0.095	-1.175	-0.017	-253.6	-3.861e+13	-4.198e-01	-287.603			
		+0.000	+3.057	+0.015	+1037.6	+0.000e+00	+5.176e+00	+510.521			
FR.CALF.01.BHH	broadb	3.361	3.244	0.053	445.3	1.383e+14	1.220e+00	367.375	1.977e+09	79.712	133.764
		-0.105	-1.549	-0.028	-153.9	-4.216e+13	-1.099e+00	-200.332			
		+0.000	+3.890	+0.028	+498.8	+0.000e+00	+1.176e+01	+335.679			

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
FR.CHA2.00.EHH	shortp	3.438	4.487	0.058	516.1	1.807e+14	4.221e+00	265.564	7.051e+09	101.723	345.543
		-0.042	-1.793	-0.031	-172.7	-2.446e+13	-3.431e+00	-133.082			
		+0.032	+4.508	+0.029	+572.1	+2.082e+13	+3.369e+01	+176.664			
FR.CREF.00.EHH	shortp	3.396	1.860	0.030	467.2	1.563e+14	2.599e-01	640.796	4.856e+08	48.953	43.296
		-0.053	-1.014	-0.017	-152.3	-2.598e+13	-2.395e-01	-387.263			
		+0.053	+2.841	+0.015	+623.0	+3.116e+13	+4.773e+00	+768.498			
FR.ENAUX.00.HHH	broadb	3.612	2.345	0.041	353.5	3.298e+14	1.099e+00	508.216	3.574e+09	49.186	108.231
		-0.095	-1.120	-0.020	-105.0	-9.204e+13	-9.862e-01	-266.169			
		+0.000	+2.578	+0.017	+336.7	+0.000e+00	+9.076e+00	+464.369			
FR.ESCA.01.HHH	broadb	3.539	3.905	0.044	708.2	2.565e+14	3.947e+00	305.191	9.267e+09	104.254	115.916
		-0.095	-1.666	-0.021	-212.1	-7.157e+13	-3.411e+00	-145.716			
		+0.000	+3.568	+0.019	+676.6	+0.000e+00	+2.372e+01	+227.141			
FR.ISO.00.HHH	broadb	3.286	2.239	0.016	1292.4	1.069e+14	3.099e-01	532.332	3.063e+08	68.181	95.405
		-0.105	-1.122	-0.009	-436.9	-3.257e+13	-2.831e-01	-290.285			
		+0.000	+2.685	+0.008	+1905.0	+0.000e+00	+2.987e+00	+534.746			
FR.JAUF.00.EHH	shortp	3.395	4.090	0.045	318.8	1.559e+14	2.757e+00	291.365	4.143e+09	49.186	63.881
		-0.032	-1.953	-0.024	-106.8	-1.611e+13	-2.404e+00	-152.597			
		+0.011	+4.498	+0.023	+364.4	+5.771e+12	+2.371e+01	+266.227			
FR.LEPF.00.EHH	shortp	3.424	14.979	0.037	833.7	1.723e+14	1.497e+02	79.557	2.441e+11	91.024	207.543
		±0.011	-4.642	-0.019	-266.0	-6.153e+12	-1.023e+02	-29.515			
			+8.835	+0.017	+849.0	+6.381e+12	+4.742e+02	+35.723			
FR.MLYF.00.HHH	broadb	3.736	1.475	0.037	398.2	5.054e+14	4.192e-01	807.962	2.268e+09	47.800	231.916
		-0.095	-0.804	-0.017	-127.0	-1.410e+14	-3.908e-01	-473.120			
		+0.000	+2.084	+0.017	+351.0	+0.000e+00	+5.471e+00	+968.978			

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
FR.MVIF.00.HHH	broadb	3.527	5.402	0.056	454.5	2.459e+14	1.002e+01	220.614	2.209e+10	85.455	116.953
		-0.095	-2.158	-0.027	-142.1	-6.862e+13	-8.455e+00	-105.334			
		+0.000	+4.936	+0.025	+417.9	+0.000e+00	+6.020e+01	+146.761			
FR.OGAG.00.HHH	broadb	3.643	1.775	0.057	352.1	3.670e+14	5.310e-01	671.203	2.034e+09	67.108	22.829
		-0.095	-0.890	-0.027	-108.3	-1.024e+14	-4.835e-01	-379.838			
		+0.000	+2.315	+0.025	+309.6	+0.000e+00	+5.961e+00	+674.247			
FR.OGAG.00.HNH	acc	3.651	1.695	0.053	378.7	3.771e+14	4.747e-01	703.053	1.877e+09	67.108	22.829
		-0.095	-0.888	-0.025	-118.0	-1.052e+14	-4.378e-01	-397.862			
		+0.000	+2.210	+0.024	+346.8	+0.000e+00	+5.329e+00	+773.115			
FR.OGCC.00.HHH	broadb	3.249	2.957	0.074	233.6	9.409e+13	6.286e-01	403.067	7.747e+08	58.766	291.377
		-0.095	-1.412	-0.039	-78.1	-2.626e+13	-5.640e-01	-219.795			
		+0.000	+3.546	+0.037	+253.2	+0.000e+00	+6.058e+00	+368.292			
FR.OGCE.00.EHH	shortp	3.433	3.905	0.044	448.4	1.779e+14	2.738e+00	305.191	4.698e+09	66.764	42.401
		-0.021	-1.864	-0.023	-147.2	-1.248e+13	-2.375e+00	-166.423			
		+0.011	+4.683	+0.021	+484.0	+6.587e+12	+2.747e+01	+278.860			
FR.OGDF.00.HHH	broadb	3.429	1.775	0.065	450.8	1.754e+14	2.538e-01	671.203	5.970e+08	98.816	291.227
		-0.095	-0.930	-0.033	-148.7	-4.895e+13	-2.340e-01	-393.037			
		+0.000	+2.509	+0.032	+474.6	+0.000e+00	+3.312e+00	+738.091			
FR.OGDI.00.HHH	broadb	3.815	3.728	0.046	124.0	6.634e+14	8.884e+00	319.673	5.740e+10	20.039	177.711
		-0.011	-1.687	-0.023	-39.1	-2.369e+13	-7.480e+00	-167.423			
		+0.000	+4.099	+0.021	+118.8	+0.000e+00	+7.335e+01	+264.378			
FR.OGDI.00.HNH	acc	3.823	2.695	0.022	257.3	6.828e+14	3.454e+00	442.228	2.509e+10	20.039	177.711
		-0.021	-1.350	-0.012	-83.2	-4.789e+13	-3.055e+00	-241.150			
		+0.000	+3.232	+0.011	+298.9	+0.000e+00	+3.329e+01	+444.233			

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
FR.OGJA.00.HHH	broadb	3.503	3.097	0.070	357.4	2.263e+14	1.738e+00	384.807	3.610e+09	85.095	27.636
		-0.095	-1.402	-0.033	-111.8	-6.316e+13	-1.532e+00	-192.839			
		+0.000	+3.111	+0.032	+322.0	+0.000e+00	+1.226e+01	+318.246			
FR.OGLC.00.HHH	broadb	3.574	4.923	0.049	137.3	2.890e+14	8.917e+00	242.048	2.533e+10	22.753	320.850
		-0.095	-2.101	-0.024	-41.7	-8.066e+13	-7.705e+00	-115.568			
		+0.000	+4.499	+0.021	+131.9	+0.000e+00	+5.358e+01	+180.146			
FR.OGS1.00.HHH	broadb	3.478	5.926	0.065	426.5	2.078e+14	1.118e+01	201.078	2.184e+10	97.446	340.298
		-0.105	-2.368	-0.031	-132.6	-6.334e+13	-9.499e+00	-91.020			
		+0.000	+4.901	+0.029	+381.0	+0.000e+00	+5.702e+01	+133.765			
FR.OGS1.00.HNH	acc	3.402	4.923	0.060	464.6	1.594e+14	4.919e+00	242.048	8.054e+09	97.446	340.298
		-0.105	-1.967	-0.029	-143.5	-4.860e+13	-4.178e+00	-115.568			
		+0.000	+4.499	+0.027	+449.3	+0.000e+00	+2.956e+01	+161.020			
FR.OGS2.00.HHH	broadb	3.556	3.244	0.068	412.3	2.717e+14	2.397e+00	367.375	6.859e+09	97.958	340.235
		-0.095	-1.468	-0.032	-128.6	-7.582e+13	-2.114e+00	-192.405			
		+0.000	+3.567	+0.031	+369.9	+0.000e+00	+1.979e+01	+303.829			
FR.OGS3.00.HHH	broadb	3.467	1.775	0.042	659.8	2.000e+14	2.894e-01	671.203	5.463e+08	98.368	340.554
		-0.095	-0.890	-0.020	-201.9	-5.582e+13	-2.635e-01	-379.838			
		+0.000	+2.315	+0.019	+591.0	+0.000e+00	+3.249e+00	+674.247			
FR.OGSA.00.HHH	broadb	3.460	2.957	0.062	434.6	1.947e+14	1.301e+00	403.067	2.507e+09	90.523	9.295
		-0.095	-1.338	-0.029	-130.2	-5.433e+13	-1.147e+00	-211.099			
		+0.000	+3.251	+0.027	+386.3	+0.000e+00	+1.074e+01	+333.348			
FR.OGSA.00.HNH	acc	3.524	2.137	0.037	732.2	2.434e+14	6.142e-01	557.593	1.494e+09	90.523	9.295
		-0.095	-1.020	-0.019	-233.6	-6.792e+13	-5.510e-01	-292.029			
		+0.000	+2.350	+0.017	+745.6	+0.000e+00	+5.071e+00	+509.486			

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
FR.OGVG.00.HHH	broadb	3.299	2.695	0.042	452.5	1.120e+14	5.665e-01	442.228	6.362e+08	65.498	352.513
		-0.095	-1.287	-0.021	-145.2	-3.125e+13	-5.082e-01	-241.150			
		+0.000	+3.232	+0.020	+459.8	+0.000e+00	+5.460e+00	+404.074			
FR.RUSF.01.HHH	broadb	3.277	1.695	0.030	674.1	1.036e+14	1.304e-01	703.053	1.399e+08	68.972	240.500
		-0.105	-0.888	-0.017	-219.7	-3.157e+13	-1.206e-01	-411.688			
		+0.000	+2.395	+0.015	+898.9	+0.000e+00	+1.701e+00	+773.115			
FR.RUSF.03.HHH	broadb	3.245	4.284	0.049	426.4	9.281e+13	1.887e+00	278.166	1.678e+09	70.474	240.711
		-0.095	-1.939	-0.025	-134.9	-2.590e+13	-1.664e+00	-145.684			
		+0.000	+4.711	+0.023	+456.5	+0.000e+00	+1.558e+01	+230.051			
FR.RUSF.04.HHH	broadb	3.299	1.860	0.034	601.3	1.118e+14	1.858e-01	640.796	2.047e+08	69.642	240.733
		-0.105	-0.974	-0.017	-201.7	-3.406e+13	-1.719e-01	-362.630			
		+0.000	+2.424	+0.017	+613.2	+0.000e+00	+2.086e+00	+704.654			
FR.RUSF.06.HHH	broadb	3.341	2.573	0.041	504.4	1.293e+14	5.692e-01	463.212	7.255e+08	69.750	239.602
		-0.095	-1.228	-0.020	-157.8	-3.608e+13	-5.106e-01	-252.593			
		+0.000	+3.085	+0.019	+480.4	+0.000e+00	+5.485e+00	+423.248			
FR.RUSF.07.HHH	broadb	3.275	3.728	0.040	515.4	1.029e+14	1.378e+00	319.673	1.313e+09	69.063	240.485
		-0.095	-1.780	-0.020	-172.8	-2.872e+13	-1.236e+00	-167.423			
		+0.000	+4.099	+0.020	+524.2	+0.000e+00	+1.138e+01	+292.093			
FR.SALSA.00.HHH	broadb	3.589	1.695	0.022	752.6	3.040e+14	3.828e-01	703.053	1.350e+09	56.898	136.719
		-0.105	-0.888	-0.012	-243.3	-9.267e+13	-3.540e-01	-411.688			
		+0.000	+2.395	+0.011	+874.2	+0.000e+00	+4.995e+00	+773.115			
FR.SAOF.00.HHH	broadb	3.362	3.905	0.054	607.8	1.388e+14	2.136e+00	305.191	3.025e+09	111.510	104.449
		-0.095	-1.768	-0.027	-200.1	-3.872e+13	-1.883e+00	-152.941			
		+0.000	+3.922	+0.027	+585.9	+0.000e+00	+1.507e+01	+252.401			

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
FR.SAUF.00.HHH	broadb	3.846	3.398	0.089	320.5	7.396e+14	7.500e+00	350.732	5.291e+10	96.137	249.482
		-0.095	-1.357	-0.040	-94.7	-2.064e+14	-6.329e+00	-158.763			
		+0.000	+2.810	+0.037	+261.7	+0.000e+00	+3.824e+01	+233.320			
FR.SAUF.00.HNH	acc	3.735	4.487	0.093	306.8	5.042e+14	1.178e+01	265.564	3.787e+10	96.137	249.482
		-0.095	-1.665	-0.043	-94.4	-1.407e+14	-9.665e+00	-120.211			
		+0.000	+3.711	+0.041	+260.0	+0.000e+00	+6.005e+01	+156.630			
FR.SPIF.00.HHH	broadb	3.284	5.926	0.048	529.8	1.061e+14	5.710e+00	201.078	5.525e+09	85.286	104.012
		-0.095	-2.529	-0.024	-170.7	-2.961e+13	-4.934e+00	-96.006			
		+0.000	+5.415	+0.023	+537.3	+0.000e+00	+3.431e+01	+149.654			
FR.SPIF.00.HNH	acc	3.143	7.134	0.044	578.3	6.523e+13	6.123e+00	167.043	3.727e+09	85.286	104.012
		-0.095	-2.850	-0.023	-189.8	-1.820e+13	-5.167e+00	-75.614			
		+0.000	+5.900	+0.021	+624.3	+0.000e+00	+3.122e+01	+111.123			
FR.SURF.00.HHH	broadb	3.494	3.728	0.060	278.1	2.190e+14	2.933e+00	319.673	5.896e+09	56.066	60.680
		-0.095	-1.591	-0.027	-82.9	-6.111e+13	-2.534e+00	-152.631			
		+0.000	+3.406	+0.025	+224.8	+0.000e+00	+1.762e+01	+237.919			
FR.SURF.00.HNH	acc	3.444	3.905	0.062	266.2	1.847e+14	2.843e+00	305.191	5.184e+09	56.066	60.680
		-0.095	-1.666	-0.029	-82.5	-5.155e+13	-2.457e+00	-145.716			
		+0.000	+3.568	+0.028	+236.7	+0.000e+00	+1.708e+01	+227.141			
FR.TRIGF.00.HHH	broadb	3.559	2.239	0.038	450.3	2.749e+14	7.972e-01	532.332	2.395e+09	58.825	164.528
		-0.095	-1.122	-0.019	-140.2	-7.671e+13	-7.258e-01	-290.285			
		+0.000	+2.685	+0.017	+427.4	+0.000e+00	+7.683e+00	+534.746			
FR.TURF.00.HHH	broadb	3.345	5.157	0.050	586.3	1.309e+14	4.640e+00	231.082	5.824e+09	99.645	107.218
		-0.095	-2.200	±0.024	-189.3	-3.652e+13	-4.010e+00	-110.332			
		+0.000	+4.712		+534.4	+0.000e+00	+2.788e+01	+171.985			

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
GU.BHB..HHH	broadb	3.388	3.244	0.052	613.0	1.520e+14	1.341e+00	367.375	1.813e+09	106.758	51.265
		-0.105	-1.468	-0.024	-194.4	-4.632e+13	-1.188e+00	-184.103			
		+0.000	+3.258	+0.024	+531.8	+0.000e+00	+9.460e+00	+303.829			
GU.BHB..HNN	acc	3.388	3.097	0.052	613.0	1.523e+14	1.169e+00	384.807	1.630e+09	106.758	51.265
		-0.095	-1.321	-0.025	-186.9	-4.250e+13	-1.010e+00	-192.839			
		+0.000	+3.111	+0.023	+589.7	+0.000e+00	+8.248e+00	+286.396			
GU.ENR..HHH	broadb	3.400	3.244	0.021	1348.6	1.586e+14	1.400e+00	367.375	1.955e+09	96.878	90.530
		-0.105	-1.549	±0.011	-454.3	-4.835e+13	-1.261e+00	-184.103			
		+0.000	+3.258		+1392.3	+0.000e+00	+9.874e+00	+335.679			
GU.PZZ..HHH	broadb	3.473	7.134	0.065	346.6	2.042e+14	1.917e+01	167.043	3.495e+10	78.541	67.486
		-0.095	-2.647	-0.029	-104.3	-5.699e+13	-1.573e+01	-66.731			
		+0.000	+4.746	+0.028	+285.0	+0.000e+00	+6.935e+01	+98.522			
GU.RRL..HHH	broadb	3.420	3.097	0.061	434.3	1.698e+14	1.304e+00	384.807	2.012e+09	89.132	30.920
		-0.095	-1.402	-0.029	-136.6	-4.740e+13	-1.150e+00	-192.839			
		+0.000	+3.111	+0.028	+402.3	+0.000e+00	+9.200e+00	+318.246			
GU.STV..HHH	broadb	3.314	3.244	0.033	783.7	1.176e+14	1.037e+00	367.375	1.076e+09	89.569	89.512
		-0.105	-1.549	-0.017	-255.9	-3.583e+13	-9.345e-01	-192.405			
		+0.000	+3.567	+0.016	+867.2	+0.000e+00	+8.565e+00	+335.679			
MT.AVM.02.HHH	broadb	3.696	3.728	0.050	528.9	4.413e+14	5.910e+00	319.673	2.674e+10	89.778	331.175
		±0.032	-1.489	-0.024	-164.2	-4.560e+13	-4.762e+00	-144.704			
			+3.083	+0.023	+482.1	+5.085e+13	+3.428e+01	+212.659			
MT.AVP.00.HHH	broadb	4.005	1.475	0.037	719.6	1.280e+15	1.062e+00	807.962	1.400e+10	89.807	331.002
		-0.011	-0.772	-0.020	-229.6	-4.570e+13	-9.511e-01	-473.120			
		+0.000	+2.084	+0.017	+846.7	+0.000e+00	+1.385e+01	+888.478			

Station	Type	Mw	Corner Frequency (Hz)	t-star (s)	Qo	Seismic Moment (N·m)	Brune stress drop (MPa)	Source radius (m)	Radiated Energy (N·m)	Hypocentral Distance (km)	Azimuth (°)
MT.AVR.00.HHH	broadb	3.492	2.456	0.040	687.3	2.181e+14	8.353e-01	485.193	1.614e+09	91.961	330.674
		-0.095	-1.112	-0.020	-219.9	-6.086e+13	-7.366e-01	-243.145			
		+0.000	+2.467	+0.019	+699.0	+0.000e+00	+5.893e+00	+401.268			
RA.IRPV.00.HNH	acc	3.784	1.018	0.006	2929.4	5.973e+14	1.628e-01	1170.752	1.159e+09	62.569	217.098
		-0.105	-0.576	-0.004	-1134.1	-1.821e+14	-1.536e-01	-707.539			
		+0.000	+1.555	+0.004	+5025.4	+0.000e+00	+2.466e+00	+1526.248			
RA.IRVG.00.HNH	acc	3.428	2.957	0.024	1107.5	1.744e+14	1.165e+00	403.067	1.863e+09	88.367	218.547
		-0.095	-1.412	±0.012	-372.6	-4.866e+13	-1.045e+00	-211.099			
		+0.000	+3.251		+1139.3	+0.000e+00	+9.619e+00	+368.292			
RA.OGCA.00.HNH	acc	3.551	1.475	0.008	2820.9	2.668e+14	2.213e-01	807.962	5.303e+08	72.914	217.818
		-0.105	-0.835	-0.004	-967.3	-8.133e+13	-2.087e-01	-488.289			
		+0.000	+2.253	+0.004	+3078.7	+0.000e+00	+3.352e+00	+1053.298			