

origin_time	region	magnitude	distance	depth	lat	lon	backazimuth	0.0580Hz	0.1080Hz	0.1580Hz
2019-02-22T10:17:22.720000Z	4	6.81	10069.01284	149.8874	-2.2762	-77.0073	267.3577335	1.814652548	3.067313722	4.248571103
2019-03-28T22:06:49.350000Z	2	6.21	8679.193849	14.5412	50.4207	160.021	19.75767352	1.745316166	2.484311486	3.506883551
2019-05-14T12:58:26.610000Z	2	6.47	13909.59034	15.654	-4.1993	152.6203	49.35314727	1.888434103	2.40764301	3.864284038
2019-06-18T13:22:21.040000Z	2	6.44	9117.810694	17.8002	38.6233	139.4712	38.30795524	1.744763849	3.248006007	1.83118285
2019-06-25T09:05:41.840000Z	2	6.02	8172.236307	18.6891	56.1465	164.1878	15.35774695	3.670949918	2.960458813	4.069996563
2019-06-26T02:18:08.510000Z	2	6.23	8172.043029	12.9236	56.136	164.1218	15.39762944	8.000794375	2.743600183	4.087944295
2019-07-14T09:10:50.960000Z	2	6.32	12014.66201	13.7036	-0.612	128.0954	69.60329296	1.833523789	2.579231199	3.288217058
2019-08-01T18:28:06.620000Z	4	6.16	12320.63562	23.4192	-34.2666	-72.2937	241.746009	1.822728342	1.802245835	2.096356854
2019-08-04T10:23:03.250000Z	2	6.17	9303.726183	40.3328	37.684	141.5947	37.36186212	1.722188416	2.367496286	3.248373915
2019-10-29T01:04:44.780000Z	2	6.21	11170.95506	22.0625	6.7299	125.0811	67.34116871	1.717949624	2.371802725	4.385318295
2020-01-24T17:55:15.540000Z	1	6.15	2496.66136	12.3032	38.2987	39.1475	105.6721376	1.401140857	2.207246128	4.240355365
2020-07-22T20:07:18.730000Z	2	6.2	6341.853307	10	33.0824	86.8385	75.53479297	1.82767067	2.442633463	4.053785666
2020-08-18T22:23:58.660000Z	2	6.11	10354.63799	14.7608	-4.2926	101.1709	92.78474874	1.302600148	6.594434956	14.62805297
2020-10-30T11:51:27.320000Z	1	6.44	1694.19971	16.1035	37.9051	26.7559	126.5592675	0.791678297	1.131073727	2.716303469
2021-07-29T06:15:47.490000Z	4	7.04	8477.130424	21.9942	55.4449	-157.997	353.7548502	1.545204188	2.575187594	3.585696638
2021-08-12T18:32:52.380000Z	7	6.1	12195.83783	28.1493	-57.6748	-24.928	199.7080216	2.230364153	3.104101058	4.166241344
2021-11-10T15:45:13.550000Z	2	6.31	9789.916218	14.2762	23.5266	126.4819	56.03287322	1.606077388	2.647066521	4.308484633
2022-09-05T04:52:20.140000Z	2	6.09	7690.273843	11.0757	29.6074	102.2606	68.53516062	1.893269155	2.836049917	4.204117586
2022-09-10T23:47:00.870000Z	2	7.02	13744.67919	112.9477	-6.3134	146.5328	56.91018113	2.04551643	4.186743215	7.470413755
2022-09-17T13:41:19.180000Z	2	6.05	9503.695797	11.2619	23.0566	121.2979	60.076078	1.956503841	2.325199769	3.629614385
2022-09-18T06:44:15.790000Z	2	6.29	9498.437916	10.7648	23.134	121.3197	60.01184676	2.618371722	2.597076451	4.894147341
2022-09-19T18:05:07.760000Z	4	6.45	10191.09084	14.6128	18.3923	-103.1203	300.2714599	1.316102993	2.48050581	3.895827675
2023-03-21T16:47:24.000000Z	2	6.42	4956.302706	195.4632	36.504	70.9839	82.17599191	2.098516835	2.158559323	3.616085558
2023-12-28T09:15:16.130000Z	2	6.3	8934.6531	31	44.596	149.0388	29.04819797	1.609755267	2.414720315	2.976532326
2024-01-01T07:10:09.470000Z	2	6.9	9120.364081	10	37.4874	137.271	40.39754412	1.58558332	2.215580134	3.314974134
2024-01-22T18:09:04.340000Z	2	6.6	5221.226896	13	41.2555	78.6538	72.05023807	1.696306367	2.131661832	3.171377868
2024-04-02T23:58:12.170000Z	2	6.8	9455.859633	40	23.8356	121.5976	59.37257775	1.730493778	2.375690441	4.141806832
2024-06-28T05:36:36.900000Z	4	6.4	10993.40524	24	-15.8277	-74.454	256.3947263	1.761297415	2.435437624	4.0271685
2024-08-15T23:35:53.940000Z	2	6.2	9474.149644	14	23.7491	121.7669	59.30574901	1.804915898	2.325254359	3.491015963
2024-08-17T19:10:26.820000Z	2	6.5	8420.851289	29	52.9308	160.1331	18.77783021	1.78917731	2.864349894	4.194703446
2024-11-10T16:49:50.420000Z	4	6.1	8273.343836	14	19.7974	-77.0506	282.418659	1.540114811	2.550541959	3.708375489

0.2080Hz	0.2580Hz	0.3080Hz	0.3580Hz	0.4080Hz	0.4580Hz	0.5080Hz	0.5580Hz	0.6080Hz	0.6580Hz
5.164109739	7.035777922	9.000768871	10.24808309	13.37182047	13.67075376	10.49386366	10.10066881	9.457792978	8.171319127
5.006796759	6.596206659	7.214635385	6.64542869	6.440905667	6.540550321	6.277957074	5.624948035	4.819443701	4.263347515
5.368257659	5.8657255	6.674728091	7.503624282	8.241018305	8.291824926	8.799141702	10.48793531	9.941325875	8.825094765
5.321837178	6.326292175	6.14554644	5.675695134	5.513256396	5.544552914	5.547431771	5.679979907	5.414834245	4.859737028
4.671109854	4.9870588	6.014058302	6.12099082	5.686779793	5.0985462	4.387510406	4.527905816	5.079394167	5.056434635
5.164849273	5.528486959	5.446399124	5.378478931	5.19350536	4.528206717	4.176949443	4.1261073	4.096747752	3.752333521
3.997187102	4.8728559	5.400711537	5.348950867	5.325858633	5.038383233	4.27037952	3.960935047	3.669374014	3.005292083
3.303009562	4.702850084	5.463129812	5.363767222	4.688171723	4.004343373	3.37290396	2.874477647	2.743776419	2.615127846
4.891047747	5.490016865	5.614149174	6.039836882	5.068019719	4.111913011	3.749191715	3.783270864	3.719098176	3.292501864
7.33783862	8.258294923	7.564293857	7.732374006	8.052201365	6.928188189	5.666581502	5.371379549	4.468323889	3.8255014
5.788733409	7.629456925	9.283236408	12.34684167	13.1610545	13.34442962	12.6705889	10.84694099	11.09838215	12.50659171
5.190224249	5.61711948	6.225074503	5.325729127	4.329140731	4.125243369	3.670561165	3.210944264	2.460464111	2.004824402
18.12132187	14.2893801	10.08156296	9.577151732	9.685076011	10.00770814	11.02939002	10.0395889	8.311045684	7.315298281
4.431425773	5.574419794	7.562040518	9.111990676	9.131247691	8.164757271	7.37917207	7.333607165	7.031116598	6.301958765
6.234222293	9.261104283	10.23588048	10.63773831	9.878100966	8.434404572	7.108481292	6.211281714	6.494836186	6.262850861
5.145191326	6.343657649	7.30698482	7.118822861	6.87986808	6.729380877	6.291912908	5.4362399	5.829697936	6.482332118
6.16518055	7.656498614	8.322147802	8.8613104	8.303571441	7.128744282	6.524348326	5.521434508	4.621838258	4.457424416
5.910228853	6.941801778	6.869389609	7.08710159	7.363224014	6.750382554	6.194724607	6.268171675	5.778337229	5.217775142
9.061468969	9.311776667	9.76675414	8.642452346	8.281847035	8.549549246	7.366672345	6.263312728	5.49864303	5.15830051
5.253114176	6.575080959	7.90312432	7.897505587	6.76590802	5.492737483	4.621623698	3.601718422	2.520179743	2.368138295
7.249557622	6.643742405	6.116139053	7.642440203	7.947446808	6.693683612	6.604768017	6.867551772	6.178195902	5.410534892
5.218675173	6.086594876	6.691208709	6.83336858	6.45529934	6.639178607	6.331997167	5.535540119	4.589195708	3.911424289
5.298200058	7.321866634	8.132650945	8.378201354	9.36365462	8.07304666	7.737639947	8.437435606	8.064979013	6.876061979
4.463151875	5.841812207	5.915334696	6.875637997	8.363557175	8.862241251	9.615269524	10.48508448	12.97908079	15.35911935
5.076544406	6.057767681	6.741606657	7.630026053	7.405857885	6.844741049	6.275077864	6.117814611	5.514072218	4.935928726
4.692717907	6.958230162	8.169205165	7.340975778	6.942145213	6.995900191	6.942661595	7.033041631	6.900113131	6.692346104
5.767906329	6.394192689	7.505930651	8.305980737	8.597886104	8.118400657	7.583865727	6.848505458	5.718314699	5.519263104
5.191319713	5.335780289	6.271943324	6.754682148	6.020464274	5.21557557	4.509758968	3.820293704	3.392700688	3.443993977
4.920287356	5.76594263	5.936131488	5.884624761	6.273049368	6.123714584	4.963285971	4.155892502	3.523037883	2.912841886
5.519666561	6.481906283	6.667146572	5.987524889	5.053481584	4.633130608	3.890868506	3.036543066	2.708852312	2.316119698
5.172425492	6.448801038	7.043465165	6.968843518	6.050151389	5.215655433	4.487244368	4.175112508	3.777421607	3.020293002

0.7080Hz	0.7580Hz	0.8080Hz	0.8580Hz	0.9080Hz	0.9580Hz	1.0080Hz	1.0580Hz	1.1080Hz	1.1580Hz
7.145487596	6.365458488	7.114357796	8.397565973	8.128103892	8.00545156	8.518475356	8.743468729	9.831879406	11.25298681
3.651286243	3.734313923	4.063316298	3.887577589	4.255548163	5.557392879	5.919689304	6.560494258	8.551315497	7.797472607
9.193391351	9.666646136	9.398134692	9.64421568	11.97859077	13.44759143	14.00067427	17.54998982	21.7511616	22.94418274
5.163654002	6.285531689	7.098007284	7.219050834	7.51593081	8.84772571	10.42382461	10.84335118	11.66431212	14.21692245
5.19387195	5.555006161	6.013532892	7.052105758	8.164297695	7.311806785	6.340347337	7.184113898	9.011971054	10.58564604
3.372413848	3.528381995	3.766363422	4.230427834	4.985081973	5.267844584	5.949656369	6.844997607	6.902709944	6.63498627
2.998064451	3.304741902	3.382960439	3.279140512	3.489956204	3.907893765	4.130220214	6.371636214	8.623358874	9.025248949
2.508363536	2.613842613	2.61745577	2.646033164	2.962917125	2.954961228	2.813644886	3.358630037	3.879198091	3.66905828
3.085080232	3.418875335	4.087425868	4.521288068	4.544577833	4.613494154	4.903004408	5.309883006	5.735962801	5.90309094
3.390033251	3.217491025	3.312993392	3.42686181	3.859187483	3.749799993	3.686908728	3.955604443	4.307693867	4.788228392
12.4955339	9.814561595	9.952814042	9.168474065	8.347639711	9.029073249	8.042257855	8.026006758	9.659670957	10.28960535
1.98634775	1.873286442	2.005682865	2.139319476	2.234020875	2.282912787	2.33009888	2.788030264	2.82396635	3.246811019
7.211470984	7.247183296	8.181175808	8.956795852	7.977799417	7.443100946	8.723090555	11.60376096	16.16008456	17.79334731
5.769521987	5.640654275	5.169434664	4.532938333	4.228367899	4.049329152	3.961094567	4.059880134	4.181112484	4.763152777
5.36686916	4.941434118	4.940062672	5.23775135	5.826377863	7.39837507	8.00416766	7.616564823	8.213842115	9.184989567
5.747633521	4.971166228	4.878136845	4.871097888	4.875406249	5.511210297	5.47402381	5.449147409	5.801242441	5.495745825
4.88366877	4.764926445	5.061965824	5.327057245	4.88066064	5.167911252	5.528351668	5.778056042	5.844807143	6.393321267
5.071212723	5.396321139	6.048605973	6.332936101	6.004537396	6.292467122	6.785811211	6.991621388	7.868431195	8.686516829
4.376896897	3.757495403	3.716314708	3.366242936	3.049707562	2.99588282	3.003270638	5.049005225	9.7635472	12.06442467
2.086214854	1.905271802	1.911079221	1.612581813	1.629553245	1.899452356	2.463541254	3.501958929	4.616163036	5.623274798
5.121121511	5.159998552	5.272523741	5.015371966	5.532608784	6.319330033	7.157668068	9.47114553	13.52311671	15.34217957
3.632860333	3.302122728	3.161821748	2.824855557	2.830091306	3.261103342	3.261796171	3.587420114	5.773348547	8.470327407
5.67479843	5.35028797	5.52260383	5.344610301	4.551307819	4.574329442	4.712952439	4.841166738	5.198840872	4.936556108
14.37633662	14.0598483	12.91353769	11.75948042	12.02880663	11.26260165	11.67011497	14.39240036	15.88079295	15.27626904
4.644975704	4.392544307	3.893814374	3.276123616	3.486701899	3.90302753	5.107621666	8.071305043	12.85564104	13.86419283
6.770366954	7.093809184	7.661305342	8.876333732	11.05741753	12.18978247	12.72938542	16.51993558	22.0065598	26.40311134
5.029555446	3.960573135	3.403023698	3.155647867	3.328045591	3.544168945	3.916448945	4.915257742	7.643098602	8.798632794
4.116180235	4.519421742	4.659144917	5.144107987	6.145599299	7.850726461	10.24538046	11.96606191	12.24654495	11.61873817
2.311944378	1.877040129	1.894724198	1.840670103	1.787090131	1.963365286	2.150353467	2.365163965	2.591412755	2.731957155
2.122718908	2.107988786	2.20667872	2.436210083	2.601400975	2.660212424	2.613864108	2.477697599	2.658008352	3.06786741
2.45247449	2.190911337	2.476802267	2.663722009	2.499744718	2.567909413	2.843721266	2.863955413	3.079081102	3.393335607

1.2080Hz	1.2580Hz	1.3080Hz	1.3580Hz	1.4080Hz	1.4580Hz	1.5080Hz	1.5580Hz	1.6080Hz	1.6580Hz
9.521006908	6.061421014	4.513890729	3.927686151	3.976305718	5.404924856	8.451330204	12.3636279	19.41659625	28.5300386
6.639801384	6.779031115	6.39816605	6.75316768	7.968303856	8.333122861	8.216914669	8.35074074	7.560787135	5.905973775
21.38613731	18.00694224	14.78241426	12.333241	10.16000086	9.280664498	10.9805548	15.54618195	22.73775912	27.40619169
16.06643917	15.10660642	14.80886067	13.91433829	12.522799	14.69271451	18.07169919	19.15607118	19.65450764	20.80204644
9.892964505	11.01015578	11.39085218	10.06961424	10.47554528	11.57479001	13.51335944	16.07849227	18.12280133	18.23826188
6.666884503	6.904185327	7.723423279	8.025226273	7.671347252	7.568854807	7.370677642	7.743093201	8.40549693	9.350660186
10.47441143	10.0315867	7.620174996	7.213204986	7.221553164	7.172522082	8.351857241	9.95330192	10.61147663	10.51203378
3.882424631	4.61747666	5.825475942	5.796321488	5.123458983	5.159304305	4.410311874	3.420994587	2.552996845	2.82216595
6.725886198	6.900289694	6.342751843	4.907146791	4.041563273	4.499467436	4.193615014	3.747083143	3.861856755	5.388423382
5.065728953	4.8331324	4.700969456	4.609776969	4.305883417	4.321992823	4.688594325	5.337763949	6.513103946	7.155137271
9.936452565	8.959940172	9.839952556	11.21752615	9.876516248	9.388484105	10.53812667	9.675995292	9.428048241	12.08852078
3.872578543	3.950933695	4.803690775	5.593063597	5.312543788	5.106944705	5.654339432	6.5071316	6.10506374	5.48536907
23.13896488	23.80637145	16.67783831	15.69243454	16.29447598	14.40929118	12.49438971	13.91615651	16.13786814	15.77192256
5.540770538	5.281352546	4.621110085	4.706651169	5.435354279	5.802463357	5.295308071	4.677869242	4.394548602	4.294609562
8.592357984	7.499928327	8.094747424	8.944433079	9.736200197	9.553421551	9.312631114	9.994947576	9.59833176	8.75845691
5.666337316	6.090035447	6.3602712	6.65878537	7.441479954	7.569604071	7.089020214	7.14866939	7.172986325	7.364318438
7.135386558	7.583360509	8.371618405	9.813741248	11.05844424	11.54251026	10.50954014	9.826607712	10.09684087	10.46924066
9.922353646	10.91465148	11.4532539	11.43156418	10.80621341	12.274097	13.66097422	13.84303864	13.538116	14.05767578
13.72138539	16.11350177	12.80769762	8.836117967	7.513762172	5.982537373	4.736701568	4.042432861	4.086681811	4.124465666
7.474761313	7.845615303	5.308200978	4.051172306	3.689051988	2.920385711	2.848748638	2.980033274	3.082759863	3.362843426
15.19304984	16.19648967	15.13690009	12.72158542	11.13463731	10.01095571	8.30531997	8.949454634	9.772848113	7.835101362
11.47923668	10.35522404	5.938982871	4.765675264	5.213513472	4.891716036	4.700819805	5.13841376	5.7570164	6.224133426
4.763292181	5.593070093	5.167731036	4.679782789	5.946793952	6.066306657	5.883889819	6.488092647	6.55450239	6.964484419
18.22465624	18.98668892	15.73907554	14.29044608	12.95070496	12.89137684	14.40370343	15.77143946	15.89443757	14.64313727
13.45617436	14.09649227	11.81464615	9.338948815	8.439655323	7.909484309	6.81274902	6.577336027	7.278551857	6.968284556
31.01514778	28.84427135	21.44997501	18.8037812	18.22236665	18.67917993	18.68491413	20.25849166	19.46488507	15.3600018
7.924274263	7.397434942	5.903669223	5.02775392	5.35081038	5.763464768	5.545402984	5.590188089	6.106808153	6.516998462
11.31999518	9.848223459	7.739624479	7.841679755	9.102071086	10.76734153	11.69553724	12.66302526	15.58123496	17.141153
2.791624214	3.025202998	3.178380766	3.386607921	3.592734399	3.669200218	4.485558506	4.938802373	4.729403434	4.939535787
3.419858648	3.565667192	3.938932363	4.374814966	4.36724534	5.310205582	5.872754754	5.353238785	5.756541163	6.707923877
3.500710752	4.160014557	4.602802166	4.583958939	5.264172197	5.826515879	5.407271814	5.169670972	5.292535073	5.977879441

1.7080Hz	1.7580Hz	1.8080Hz	1.8580Hz	1.9080Hz
31.84618175	32.15691746	33.37731231	36.04014354	38.20559831
4.370737476	3.858694499	5.925648775	11.03377677	13.99420022
27.42644172	30.25166827	35.11309387	33.96041538	31.65966853
20.48157612	21.17071339	22.84058517	25.0954654	25.10029333
14.94873102	12.25679721	14.92407159	15.11594471	13.58478082
10.14998344	10.57117846	11.43403924	12.20276694	12.32369592
11.19224648	10.45565796	10.31670324	12.33495886	13.31382495
3.943826998	5.796724724	7.611286473	7.866699916	7.417761287
9.059608519	12.05345581	14.56919643	15.86951217	14.86332364
6.872949553	7.219818371	7.864020325	8.242827737	8.523418753
16.25832599	17.78789816	16.09839298	15.39090001	14.92513156
5.735566739	5.740925938	5.141245546	4.668787021	4.74551572
14.34413174	15.69956673	15.57663872	14.86356773	14.57522054
4.170155985	4.064879602	4.122806779	3.939377871	3.599373933
9.662904551	11.5373476	11.32014419	10.91439598	11.61737791
8.562057805	9.003213761	8.417529862	8.681625291	7.961293654
10.86176806	12.29274569	13.99293563	14.20310394	13.86093739
16.42524511	15.92281418	14.88215024	15.43228766	16.43587194
3.992168069	3.712612287	3.450740206	3.584382042	3.958586004
3.506303937	3.366839644	3.555722903	3.825978654	3.955088389
6.85725908	7.03172099	8.702653327	9.48826476	9.275246667
5.765037395	6.181548672	6.594755339	6.335318891	6.60631094
6.807140221	7.679888222	8.661543789	7.695049953	8.163470106
14.23792947	14.48112367	13.65533417	13.15851147	13.10167417
6.39766827	6.35616354	6.063523787	5.82884773	8.071825908
15.12467054	15.80222899	14.70176834	14.70661101	18.43033031
6.80294073	7.380998103	6.909238815	5.703932045	5.894416237
16.09627024	13.66029619	15.31608465	17.82728771	17.65171939
5.374625334	4.853833064	4.293796216	4.573608605	4.692998104
7.622024696	7.17419634	6.310036939	6.637303802	7.055273361
7.028131275	8.111296899	7.730091067	7.518827975	8.236057616