

origin_time	region	magnitude	distance	depth	lat	lon	backazimuth	0.0600Hz	0.1100Hz	0.1600Hz
2020-02-13T10:33:44.930000Z	2	6.7	8835.393356	150.115	45.5278	148.8407	28.7440118	1.211597599	1.758582331	2.730477533
2020-03-14T10:01:16.900000Z	6	6.17	17653.304	14	-27.6849	-175.7042	17.0988663	1.510172117	2.1083893	2.896508771
2020-03-25T02:49:19.890000Z	2	6.93	8782.219501	49.9003	48.8497	157.756	21.73525726	1.171733126	1.534514383	2.2755066
2020-04-18T08:25:37.640000Z	2	6.2	10242.42499	471.2495	27.0745	140.1483	43.85121853	1.325294882	1.786259413	2.338594374
2020-05-02T12:51:05.870000Z	1	6.43	1964.844686	13.4682	34.1862	25.768	136.8856534	1.765716418	2.292997633	3.295467721
2020-06-03T07:35:35.630000Z	4	6.53	11163.27798	108.8957	-23.2056	-68.2938	247.0082019	1.682663135	1.922932136	2.19454037
2020-06-13T15:51:23.730000Z	2	6.05	9426.098239	165.2356	28.8606	128.2944	51.53718809	1.410698806	1.957255116	2.648406487
2020-06-18T12:49:55.870000Z	6	6.86	18195.86157	19.7996	-33.3665	-177.8396	27.68923158	1.375796391	1.71566847	2.271072675
2020-06-23T15:29:02.870000Z	4	6.53	9942.982648	12.026	15.8234	-96.0304	293.3798638	1.342748783	1.78925427	2.317341795
2020-07-17T02:50:22.760000Z	2	6.73	13969.67023	85.2231	-7.9502	147.7449	56.81755428	1.404143825	1.937987515	2.436987331
2020-07-22T06:12:43.490000Z	4	6.9	8530.125726	22.5084	55.0056	-158.5615	354.0275349	1.159071115	1.558600501	2.231132139
2020-07-22T20:07:18.730000Z	2	6.2	6341.853307	10	33.0824	86.8385	75.53479297	1.215968185	1.82948674	2.230942969
2020-08-18T00:03:48.620000Z	2	6.38	10647.93962	10.9602	12.0113	124.1352	64.79796564	1.416105763	2.162250111	2.779229509
2020-08-18T22:23:58.660000Z	2	6.11	10354.63799	14.7608	-4.2926	101.1709	92.78474874	1.081547704	1.302755535	1.93598419
2020-09-06T01:16:58.770000Z	4	6.09	11967.75774	32.03	-30.3403	-71.635	244.2522271	1.543942799	1.80325192	2.428235073
2020-09-06T06:51:18.630000Z	7	6.18	6394.08329	11.8515	7.63	-37.2557	241.8101561	1.822584839	2.281033276	3.185238055
2020-09-18T21:43:57.410000Z	7	6.24	6392.906331	4.213	0.8908	-26.8973	227.1891838	1.593597564	2.220881762	2.894157807
2020-10-01T01:13:36.620000Z	6	6.43	16793.89037	35.9982	-19.5564	-174.131	10.46947699	1.292324023	1.853978437	2.84270264
2020-10-19T20:54:39.700000Z	4	6.97	8581.787959	32.8835	54.6127	-159.6792	354.6388567	1.123347708	1.235915293	1.856440438
2020-10-30T11:51:27.320000Z	1	6.44	1694.19971	16.1035	37.9051	26.7559	126.5592675	0.987799995	1.704871794	2.786497947
2020-12-20T17:23:23.130000Z	2	6.02	9051.146469	44.5278	40.7931	142.6069	35.09078947	1.357204255	1.74393692	2.417485775
2021-01-11T21:32:59.410000Z	2	6.21	6027.635147	9.7635	51.2709	100.4573	50.60990813	1.251361111	1.527685507	2.080228878
2021-01-19T02:46:21.200000Z	4	6.47	11908.51531	18.6165	-31.849	-68.9185	241.3933925	1.637364702	1.729922484	2.431549596
2021-01-21T12:23:05.760000Z	2	6.54	11489.25203	106.6941	4.9506	127.4715	66.5469318	1.346075032	1.748778144	2.581642123
2021-02-10T13:19:57.990000Z	6	6.45	16711.72865	13.3961	-22.9134	171.642	38.36844554	1.311982375	1.818902986	2.903431851
2021-03-04T13:27:36.950000Z	6	6.78	18475.90068	21.4068	-37.4145	179.4138	42.55046494	1.344835162	1.859756465	2.512018902
2021-03-04T17:41:23.890000Z	6	6.59	17813.02228	40.2459	-29.6892	-177.8138	23.64435571	1.695824974	2.342360636	2.828992032
2021-03-04T19:28:34.630000Z	6	6.92	17807.59857	20.1267	-29.4424	-177.0912	21.67621162	1.328660027	1.933042501	2.763647131
2021-03-04T23:12:59.130000Z	6	6.03	17724.57998	19.7516	-28.5487	-176.6232	19.85572352	1.312789153	1.883918009	2.666389713
2021-03-16T18:38:22.390000Z	2	6.37	8305.152079	20.274	54.6842	163.1453	16.4294052	1.28561343	1.850829952	2.439123722
2021-03-20T09:09:45.570000Z	2	6.46	9225.7718	53.4561	38.4691	141.5253	37.00570425	1.37596935	1.862365518	2.462324824
2021-04-01T09:56:37.550000Z	6	6.24	17852.71763	19.6027	-29.9863	-177.5318	23.22377957	1.424407725	2.025392208	2.826504022

2021-04-28T02:21:25.880000Z	2	6.21	7210.394426	39.3142	26.7786	92.4554	77.24004997	1.211638481	1.66930672	1.998687451
2021-05-01T01:27:26.730000Z	2	6.24	9260.750796	46.8746	38.1721	141.6741	37.05735454	1.388276643	1.816471586	2.456082401
2021-05-13T23:58:13.580000Z	2	6.03	9307.250047	33.4508	37.7154	141.7393	37.24684438	1.473137413	1.848200327	2.358116529
2021-05-21T18:04:13.390000Z	2	6.33	7045.70868	5.3818	34.5574	98.3478	67.07525773	1.109657794	1.638543096	2.615624774
2021-07-23T20:48:57.870000Z	2	6.44	10268.79943	120.8674	13.6878	120.6777	66.39673747	1.298076964	1.821683519	2.231181817
2021-07-29T06:15:47.490000Z	4	7.04	8477.130424	21.9942	55.4449	-157.997	353.7548502	1.156241131	1.57871562	2.260279823
2021-08-11T17:46:13.750000Z	2	6.34	11309.00842	58.766	6.4185	126.7044	66.24397539	1.241899729	1.812178158	2.284305001
2021-08-12T18:32:52.380000Z	7	6.1	12195.83783	28.1493	-57.6748	-24.928	199.7080216	1.522529642	2.134413685	2.735184147
2021-08-14T11:57:43.690000Z	4	6.28	8502.784335	20.8036	55.1905	-157.7016	353.5493345	1.126812161	1.540737566	2.31029681
2021-08-16T11:10:36.800000Z	7	6.28	12237.54832	16.0428	-58.4207	-23.5406	198.6638343	1.395088064	1.957912205	2.852272677
2021-08-17T17:53:27.430000Z	7	6.09	12252.67698	35.5921	-58.0994	-25.4851	199.8027759	1.373453611	1.854097897	2.928535215
2021-08-18T10:10:04.990000Z	6	6.28	15707.34077	100.4932	-14.9208	167.1099	38.9610341	1.22345994	1.618722331	2.300435189
2021-08-22T00:45:08.110000Z	7	6.33	12432.60383	8	-60.1538	-24.3591	198.3023773	1.482017737	2.064392861	2.995156274
2021-08-22T21:33:19.790000Z	7	6.47	12461.93928	6	-60.2852	-25.0425	198.5752469	1.604532464	2.194521486	3.117664993
2021-08-31T02:52:49.610000Z	6	6.15	17860.85473	14.7719	-29.9986	-177.296	22.65338078	1.356971917	1.971984019	2.529650316
2021-09-05T17:51:46.050000Z	6	6.02	17057.77012	19.663	-22.031	-174.6367	12.20053079	1.466613902	1.833938022	2.365433965
2021-09-08T01:47:46.340000Z	4	6.16	10109.38983	18.7294	16.8717	-99.839	296.875213	1.527084963	1.956090079	2.274846505
2021-09-20T20:25:27.020000Z	2	6.03	8879.718643	40.0692	46.3299	152.471	26.081415	1.349435744	1.873926504	2.684960635
2021-10-11T09:10:24.250000Z	4	6.81	8364.454428	59.0671	56.3643	-156.6725	353.1240552	0.959484158	1.025615372	1.447841223
2021-10-12T09:24:04.460000Z	1	6.17	1916.528525	19.1894	35.0813	26.4036	133.751472	1.659888604	1.881117191	2.577739271
2021-10-15T02:44:59.530000Z	2	6.26	14681.59459	34.9812	-8.8932	158.471	45.86859854	1.319356093	1.841628189	2.750726071
2021-11-10T15:45:13.550000Z	2	6.31	9789.916218	14.2762	23.5266	126.4819	56.03287322	1.193703702	1.866104473	2.987197479
2021-11-14T12:08:38.190000Z	7	6.25	4471.285675	12.3058	27.6631	56.1915	104.043858	1.191475909	1.587865124	2.043711267
2021-11-28T10:52:13.970000Z	4	6.72	10238.18851	118.5109	-4.5018	-76.8199	265.7380351	1.700825686	2.29860319	3.299402752
2021-11-29T12:40:45.840000Z	2	6.38	9972.119664	19.3769	31.0949	142.4151	40.1063911	1.347956446	1.87242012	3.034879072
2021-12-14T03:20:23.870000Z	2	6.35	12190.59431	14.2365	-7.6189	122.2764	79.0431212	1.089953297	1.617803683	2.298289285
2021-12-29T18:25:53.220000Z	2	6.77	12572.021	177.5991	-7.5822	127.5841	74.74829046	1.096971514	1.45402213	2.001953046
2022-01-07T17:45:30.540000Z	2	6.18	7009.752344	7.7431	37.7972	101.3576	62.55898476	1.228586424	1.699203877	2.381577698
2022-01-11T01:07:48.130000Z	1	6.26	2234.413606	22.0477	35.1704	31.9606	122.6223422	1.371212601	1.978841842	3.345026344
2022-01-11T11:35:45.530000Z	4	6.29	8854.196713	19.5703	52.4445	-167.7455	359.3931695	1.195213642	1.962527443	2.992884695
2022-01-14T09:05:42.540000Z	2	6.24	10872.58278	43.0807	-6.8103	105.3612	91.36128414	1.250156247	1.910969799	2.758683228
2022-01-21T16:08:37.210000Z	2	6.31	9290.820017	44.3282	32.6787	131.9812	46.71674679	1.352842554	1.820109539	2.590187105
2022-04-21T07:42:46.120000Z	4	6.08	9660.406096	31.843	11.5762	-86.95	283.9259814	1.210099126	1.619521613	2.267183247

2022-06-04T23:38:12.250000Z	2	6.08	8831.975098	108.6061	52.0343	178.282	8.09166584	1.17247293	1.627617313	2.196805198
2022-07-01T21:32:07.640000Z	7	6.03	4467.571829	13.0062	26.8158	55.2408	105.8959094	1.218242252	1.724990182	2.207052203
2022-07-01T23:25:14.500000Z	7	6.04	4474.91124	13.453	26.7989	55.3252	105.8335334	1.199666182	1.808739887	2.265673782
2022-07-08T23:36:09.900000Z	2	6.11	11385.09684	21.1547	18.7976	146.9699	42.48772543	1.27126175	1.702324859	2.388056076
2022-07-12T19:17:00.430000Z	4	6.28	14472.24442	19	-22.6453	-114.3157	281.0429825	1.269686184	1.711941321	2.407483069
2022-07-27T00:43:26.060000Z	2	6.31	9944.335824	22.4964	17.5453	120.7842	63.90219541	1.229170661	1.701279559	2.323038547
2022-08-14T13:44:19.980000Z	6	6.07	18090.99703	29.2716	-32.7346	-178.9605	29.83933245	1.327874574	1.735068883	2.385628238
2022-08-23T14:31:41.300000Z	2	6.25	10561.03123	57.2535	-5.0808	103.0771	91.89494528	1.199366512	1.519443802	2.198833015
2022-09-05T04:52:20.140000Z	2	6.09	7690.273843	11.0757	29.6074	102.2606	68.53516062	1.285059048	1.799349731	2.657027731
2022-09-10T23:47:00.870000Z	2	7.02	13744.67919	112.9477	-6.3134	146.5328	56.91018113	1.26674233	1.724941948	2.25244693
2022-09-17T13:41:19.180000Z	2	6.05	9503.695797	11.2619	23.0566	121.2979	60.076078	1.219514332	1.736816094	2.515983455
2022-09-18T06:44:15.790000Z	2	6.29	9498.437916	10.7648	23.134	121.3197	60.01184676	1.412177046	2.023984688	2.52705433
2022-09-19T18:05:07.760000Z	4	6.45	10191.09084	14.6128	18.3923	-103.1203	300.2714599	1.138051717	1.614332135	2.262635102
2022-09-22T06:16:08.590000Z	4	6.03	10194.32532	19.5372	18.2516	-102.9784	300.0793656	1.333456647	1.850457233	2.567627434
2022-10-16T12:48:21.230000Z	4	6.11	10313.51894	10	4.3079	-87.6331	279.6564633	1.221101182	2.024158843	2.929581983
2022-10-25T14:59:02.790000Z	2	6.19	9929.952281	20.5734	17.7561	120.8404	63.72868421	1.289812856	1.823818989	2.816929053
2022-11-11T10:48:46.810000Z	6	6.86	16777.16117	34.6166	-19.2083	-172.1818	6.660592383	1.491536325	2.162536196	2.837311164
2022-11-22T02:03:08.290000Z	2	6.57	14829.51581	16.2655	-9.7702	159.6586	45.04563217	1.166763285	1.743461019	2.657181474
2022-12-04T19:24:16.080000Z	6	6.43	16347.64008	36.5159	-15.3874	-173.0724	7.652847917	1.508809633	2.316408402	3.215620009
2022-12-13T14:25:18.190000Z	2	6.05	9620.182447	20.2985	27.5182	129.5705	51.42267094	1.51492891	2.242802779	3.186887912
2023-01-09T17:47:35.740000Z	2	7	12713.65257	112.3885	-7.1327	130.1012	72.34888465	1.219987397	1.833058314	2.461212013
2023-01-18T06:06:13.870000Z	2	6.59	11648.54249	45.8066	2.767	127.028	68.28893188	1.24561136	1.746244256	2.519004529
2023-02-06T01:17:35.080000Z	1	6.49	2421.539293	9.0088	37.2186	37.0726	110.5783648	1.247466359	2.148980387	2.896400513
2023-02-06T10:24:48.820000Z	1	6.62	2375.611728	8.3439	38.0134	37.1833	108.7205448	1.312723247	2.042933329	2.826325107
2023-02-20T17:04:29.970000Z	1	6.05	2418.51486	13.5146	36.1571	35.9335	114.3543229	1.310197251	1.802751487	2.519271146
2023-03-16T00:56:02.210000Z	6	6.38	17909.67195	20.8141	-30.1647	-176.1426	19.89797817	1.320839265	1.917511476	2.709387403
2023-03-21T16:47:24.000000Z	2	6.42	4956.302706	195.4632	36.504	70.9839	82.17599191	1.122514002	1.583902841	2.1492328
2023-04-02T18:04:11.340000Z	2	6.61	13351.58432	73.2509	-4.2872	143.2187	58.76092488	1.30997158	1.683468524	2.378511475
2023-04-03T03:06:57.310000Z	2	6.19	8403.597316	102.2671	52.7052	158.4806	19.82324767	1.238066066	1.400976509	2.128251189
2023-04-04T12:54:34.070000Z	2	6.09	10593.44585	17.6255	13.7562	125.602	62.59392803	1.431307287	2.165748213	2.813247558
2023-04-04T22:18:11.110000Z	4	6.03	9658.295299	6.0121	7.5351	-82.3504	277.8544245	1.338349852	1.961015584	2.76038678
2023-04-24T00:41:56.760000Z	6	6.68	17844.74623	49.6301	-29.9745	-177.7586	23.76912078	1.311706591	1.982752353	2.569159135
2023-04-24T20:00:57.160000Z	7	6.31	9878.662969	29.3164	-0.9203	98.4985	92.5310828	0.883692389	1.088722052	1.938406749

2023-05-05T05:42:05.080000Z	2	6.08	9120.333853	12.5894	37.5102	137.3144	40.35588848	1.398135756	1.948734125	2.368465022
2023-05-20T01:51:00.040000Z	6	6.66	16670.63442	26.6181	-23.0019	170.5845	40.18047898	1.33689317	1.919258133	2.341410778
2023-06-11T09:54:44.880000Z	2	6.1	8855.551947	121	42.5268	141.9005	34.65624486	1.276265196	1.78846175	2.176874163
2023-06-25T07:16:58.000000Z	6	6.2	17290.45395	10	-24.2	-174.9	13.55235039	1.42060561	1.920813147	2.371112261
2023-07-10T20:28:25.000000Z	4	6.6	7076.460988	14	20.044	-61.083	271.1592581	1.542732359	2.390985667	3.121040839
2023-07-14T09:28:59.000000Z	4	6.3	9881.716161	13.4	14.9	-94	291.2875146	1.273808751	1.546045087	1.795805795
2023-07-16T06:48:21.150000Z	4	6.5	8613.256018	25	54.3926	-160.762	355.2576471	1.232398091	1.463052858	2.199516155
2023-07-19T00:22:07.000000Z	4	6.5	9642.317284	51	12.814	-88.127	285.6062088	1.296634489	1.654543479	2.13742343
2023-08-08T18:38:54.180000Z	6	6.4	16326.73673	42	-15.2082	-173.1883	7.824964659	1.319002468	2.023809959	2.811188878
2023-08-11T00:14:35.120000Z	2	6.05	9026.31927	42.6	41.132	142.786	34.79983658	1.517538565	1.917914828	2.529786804
2023-08-14T11:12:22.470000Z	7	6.08	8685.022618	10	9.4	93.829	89.07018259	1.947624864	2.133142133	2.64110991
2023-09-06T23:48:04.630000Z	4	6.7	11952.19003	36	-30.2737	-71.4817	244.2008002	1.527586827	1.885017654	2.668174484
2023-09-08T22:11:01.400000Z	1	6.6	2526.012038	19	31.058	-8.3847	228.396892	1.506657728	2.029289927	2.619265963
2023-09-12T11:03:17.240000Z	2	6.4	9828.368607	31.11	19.2355	121.2293	62.51714781	1.24007432	1.820500476	2.335777217
2023-10-07T09:40:32.780000Z	2	7.46	4415.440255	11	34.9209	62.333	90.12582214	1.291883714	1.685522205	2.377970512
2023-10-11T00:41:55.900000Z	2	6.3	4419.33999	8	34.5364	62.0509	90.82528657	0.907695472	1.329571076	1.952007563
2023-10-15T03:36:01.800000Z	2	6.41	4424.40963	10	34.589	62.165	90.67259455	1.090512992	1.587496056	2.059020393
2023-10-31T12:33:43.730000Z	4	6.3	11835.14902	34	-28.7431	-71.5573	245.3602508	1.556378382	1.787210377	2.370170364
2023-11-08T04:52:56.500000Z	2	6.36	12613.39576	36	-6.27	129.72	72.06597118	1.210875643	1.749559562	2.417084082
2023-11-08T13:02:06.110000Z	2	6.4	12612.45139	10	-6.131	129.8738	71.84134393	1.23887611	1.774024875	2.797654151
2023-11-17T08:14:12.050000Z	2	6.88	11263.33923	68.2	5.703	125.131	67.94764953	1.374153133	1.708503221	2.190547741
2023-11-24T09:05:03.890000Z	2	6.5	11182.34216	22.163	20.1319	145.5195	43.05899988	1.307922431	2.053448896	2.688842507
2023-11-27T21:46:42.180000Z	2	6.3	13336.83735	10	-3.5605	144.0313	57.51692984	1.34512395	1.693501641	2.178084523
2023-12-07T12:55:51.100000Z	6	6.8	15958.47907	33	-12.3292	-176.9708	13.52657961	1.189461633	1.880620556	2.765828738
2023-12-28T09:15:16.130000Z	2	6.3	8934.6531	31	44.596	149.0388	29.04819797	1.236011018	2.006993671	3.104314579
2024-01-01T07:10:09.470000Z	2	6.9	9120.364081	10	37.4874	137.271	40.39754412	1.384328464	1.704943073	2.251183472
2024-01-08T20:48:42.360000Z	2	6.4	11401.66237	62.574	4.9225	126.1575	67.62130459	1.339013821	1.692061035	2.210691082
2024-01-09T08:59:10.140000Z	2	6.1	9109.846274	10	37.8629	137.7814	39.84973247	1.445194413	2.08463671	2.669354828
2024-01-11T09:20:26.260000Z	2	6.01	4937.518439	201.2	36.463	70.694	82.4135091	1.138640791	1.556904697	2.138346153
2024-01-22T18:09:04.340000Z	2	6.6	5221.226896	13	41.2555	78.6538	72.05023807	1.205044359	1.664103155	2.489741186
2024-03-14T21:29:15.630000Z	7	6.17	4992.184458	19	29.711	-42.777	266.0757077	1.452187234	2.158314396	2.972984398
2024-03-23T20:22:04.340000Z	2	6.6	13331.87663	41.464	-4.1292	143.134	58.73706746	1.419013497	1.910591239	2.673812148
2024-04-02T09:54:01.200000Z	2	6.2	11823.4713	10	14.9122	148.1562	43.35100903	1.313155943	1.952738159	2.878370912

2024-04-02T23:58:12.170000Z	2	6.8	9455.859633	40	23.8356	121.5976	59.37257775	1.320745279	1.8328727	2.651350284
2024-04-14T20:56:32.340000Z	2	6.34	14045.25383	70.5	-6.4849	151.2289	52.26158736	1.329514316	1.791524021	2.584432833
2024-04-17T14:14:44.100000Z	2	6.17	9244.052131	21	33.26	132.09	46.30534723	1.409542386	2.174549706	3.124244737
2024-04-22T18:32:48.430000Z	2	6.1	9451.867948	10	23.8586	121.5662	59.38057972	1.27847388	1.902492942	2.540627124
2024-05-12T11:39:10.480000Z	4	6.13	9774.850687	41	14.604	-92.108	289.7007094	1.154975753	1.798268881	2.357636436
2024-05-25T22:23:15.990000Z	6	6.2	15961.4521	22	-17.1173	167.8706	39.4555207	1.265416521	1.895123251	2.702874869
2024-06-28T05:36:36.900000Z	4	6.4	10993.40524	24	-15.8277	-74.454	256.3947263	1.410034281	1.886868994	2.66459095
2024-07-10T04:55:41.780000Z	7	6.3	11323.96649	4	-53.3092	25.3481	171.4196607	1.374617338	1.853189996	2.59681799
2024-07-11T02:13:18.770000Z	2	6.45	11091.75314	638.8	6.099	123.147	69.26420239	1.258312863	1.742158073	2.220456324
2024-07-11T15:08:47.160000Z	4	6.1	8593.961133	10	48.7877	-128.7103	334.2483039	1.49786499	1.605577193	2.29763101
2024-07-19T01:50:48.570000Z	4	7	11121.83134	127.291	-23.0791	-67.8404	246.7776012	1.448425147	1.668813602	2.090210459
2024-08-02T22:23:02.110000Z	2	6.1	11148.83548	32	8.1851	126.6161	65.2161001	1.172659575	1.78757583	2.426251515
2024-08-15T23:35:53.940000Z	2	6.2	9474.149644	14	23.7491	121.7669	59.30574901	1.229017456	1.716091427	2.510872069
2024-08-17T19:10:26.820000Z	2	6.5	8420.851289	29	52.9308	160.1331	18.77783021	1.083070037	1.647728721	2.176398704
2024-09-16T11:36:28.780000Z	2	6.7	11580.88764	32.3	17.7491	148.848	41.37557238	1.363853312	1.730079122	2.301467933
2024-10-01T20:05:34.960000Z	6	6.4	16778.11147	10	-19.2886	-173.0007	8.244034324	1.444604916	2.010858454	2.893613668
2024-10-12T17:43:44.510000Z	4	6.1	9691.901144	16	10.4967	-86.1497	282.6241065	1.246833149	1.598141376	2.530773438
2024-10-23T14:38:03.740000Z	2	6.2	8663.609424	34.4	49.415	155.607	22.83692791	1.330663681	1.80508314	2.663157147
2024-11-08T11:38:00.370000Z	4	6.5	13458.69948	10	-46.7807	-75.6402	233.2439956	1.462002373	2.104346989	2.79615573
2024-11-10T16:49:50.420000Z	4	6.1	8273.343836	14	19.7974	-77.0506	282.418659	1.313094359	1.82534293	2.59051958
2024-11-15T05:28:30.650000Z	2	6.1	14000.35679	56	-4.7548	153.2923	48.98815603	1.362411704	2.096481248	2.717380571
2024-11-17T12:16:29.870000Z	2	6.2	9587.570091	8	29.0424	131.3968	49.22728787	1.437436988	2.009871056	2.670196101
2024-11-26T13:47:04.260000Z	2	6.27	9121.941633	10.2	37.003	136.379	41.26441279	1.327935194	2.120256951	3.106067181
2024-12-05T18:44:21.810000Z	4	6.4	9297.075149	10	40.3529	-124.9987	328.0049901	1.388898838	1.682232991	2.796068549
2024-12-08T19:57:08.600000Z	7	6.2	8984.532906	18	51.0018	-177.3278	5.47326308	1.234158289	2.036336253	2.922062748
2024-12-09T00:15:30.690000Z	7	6.2	8985.952601	19	50.9985	-177.1779	5.378498315	1.239948481	1.941913532	2.948481614
2024-12-17T01:47:25.740000Z	6	6.8	16028.44754	54.372	-17.6914	168.0842	39.57674698	1.204376986	1.797259387	2.443100248
2025-01-07T01:05:16.730000Z	2	6.6	6704.280531	10	28.6036	87.3781	79.1494045	1.198692398	1.687620945	2.256113051
2025-01-12T08:32:49.940000Z	4	6.3	10197.03337	39	18.5019	-103.3631	300.5207304	1.259915383	1.892714047	2.760037144
2025-01-13T12:19:32.250000Z	2	6.3	9343.992732	39	31.8326	131.5525	47.50428873	1.713524119	1.976391002	2.70878171
2025-02-08T23:23:14.690000Z	4	6.7	8832.772814	14.326	17.6506	-82.395	284.7011436	1.329462469	1.645706794	2.26559022
2025-03-25T01:43:13.690000Z	6	6.57	18104.19906	24.3	-46.617	165.902	94.13084112	1.33707917	1.765473989	2.321227962
2025-03-28T06:20:54.100000Z	2	7.19	7835.941706	10	22.003	95.989	78.50275764	1.157131922	1.603733981	2.179736724

2025-03-30T12:18:45.790000Z	6	6.3	16891.80109	0	-20.4527	-174.1644	10.77648287	1.420207856	2.047070186	2.671523734
2025-04-02T14:03:56.000000Z	2	6.3	9421.880963	10	31	131.6	47.95310874	1.479897899	1.929416004	3.066833877
2025-04-03T14:09:31.410000Z	1	6.18	3070.374528	10	52.66	-32.026	295.8145841	1.251006582	2.053602279	2.61727787
2025-04-04T20:04:39.380000Z	2	6.39	14037.89061	10	-6.1945	151.568	51.71787444	1.366461305	1.827886697	2.530377647
2025-04-16T01:43:01.460000Z	6	6.05	13619.32032	10	-47.829	99.682	126.9913508	1.434729598	1.936905078	2.853384938
2025-04-25T11:44:53.700000Z	4	6.46	9972.472097	21.2	1.121	-79.467	271.4484834	1.308389858	1.732239405	2.353728473
2025-04-29T14:53:37.720000Z	6	6.41	17455.2302	10	-54.249	155.493	118.8181459	1.399189942	1.814136317	2.461787546
2025-05-02T12:58:26.910000Z	4	7.23	13747.18797	10	-56.85	-68.182	220.4561816	1.552874377	1.909627511	2.3952751
2025-05-13T22:51:15.500000Z	1	6.07	1924.100937	68.3	35.288	26.881	132.2800452	1.351691559	1.876218799	2.680849279
2025-05-20T15:06:01.070000Z	2	6.5	13338.96335	21.5	-3.4215	144.2679	57.20204813	1.424729783	1.841375942	2.2693616
2025-05-22T03:19:31.000000Z	1	6.2	1855.660285	10	35.4	25.8	134.4833793	2.209219195	2.80227796	2.518524607

0.2100Hz	0.2600Hz	0.3100Hz	0.3600Hz	0.4100Hz	0.4600Hz	0.5100Hz	0.5600Hz	0.6100Hz	0.6600Hz
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3.573537265	3.860366057	4.107439738	4.614703404	5.063972749	5.111740892	5.189673693	4.971888291	4.348205003	3.721135981
2.773499006	3.134388159	3.629161151	3.755253267	3.461548861	3.421260935	3.462522244	3.500861935	3.165150833	2.781189157
3.014780629	3.592170203	3.456791507	2.911398932	2.727815838	3.362802351	3.997672286	4.17157829	4.057109068	3.236228473
3.385260497	3.364758125	2.997535489	3.583858121	4.24482424	3.859969431	4.416684605	4.541983685	3.412016024	3.071955094
2.878486755	3.626244357	4.035715733	4.385512726	4.21747773	4.294287038	4.715904667	4.851693164	4.679554828	4.506189335
3.250539947	3.282276727	3.584263423	3.953362962	3.761481958	3.90701496	4.581750529	4.907484967	5.029836564	4.153225248
3.121513849	3.564584278	3.88649175	3.811647173	3.222181509	3.377153962	4.223885733	4.28046897	3.88363668	3.882197363
3.021327034	3.614306002	3.693625338	3.72516147	3.882998827	4.049972324	3.869343789	3.883879155	4.024538879	3.422799693
2.9249854	3.288613501	3.508152682	3.807707169	3.23083909	2.94749133	4.271823115	4.366662361	3.575329004	3.27477435
3.119001802	3.711520314	4.148385178	4.287153189	4.44201489	4.295810667	3.511483555	3.451152974	3.163168836	2.71025231
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2.729165644	3.064072913	4.305341217	4.590850619	3.464757094	3.211041121	4.118705413	4.201409691	3.345781839	3.018972189
2.767761025	3.350624592	3.881739703	3.699414388	2.971801822	2.755967771	2.693430309	2.50457052	2.204197474	1.826718216
3.287143592	3.832114055	4.146939178	4.627168031	4.875605857	4.988161848	5.354116939	5.036479371	4.431764714	4.137287183
3.953598907	4.539304004	5.477855688	5.044081024	4.764663335	4.311256381	5.214039265	5.086559671	3.318286244	3.562500809
3.538871775	4.113343004	4.060464446	3.935503481	4.161938176	4.165869904	4.811861907	4.914579208	4.104120599	3.986931418
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3.22223762	3.555267169	3.748592844	3.710196441	3.278299024	3.446550469	3.609424348	3.546579694	3.402570959	2.611628973
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3.219197518	3.456382212	3.50599034	4.101740218	3.793773663	3.144559015	3.343299087	3.945562586	3.937752092	3.203903081
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2.432658565	3.189289409	4.046791479	3.92242448	3.199220133	3.43006696	4.626962152	4.016884939	2.139261397	1.997650043
3.04919425	3.204652359	3.281564994	3.350040686	3.065628126	3.982057299	4.761538015	4.152217785	4.220053922	3.716114155
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3.36637581	3.412264478	3.233036111	3.168966886	3.204431752	4.034878993	4.597424177	4.300773509	3.558145745	3.01644185
2.578456794	3.23601765	3.822227209	3.962352679	3.432678757	3.670640647	5.074636431	4.418678694	2.770985311	2.83857017
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3.052317284	3.042341674	2.654121282	1.978536295	1.62497412	1.432536434	1.243925556	0.953488349	0.786596419	0.681678009
2.781395274	2.76388028	3.008883708	3.397987701	3.26797282	2.676204385	2.399189053	2.496421998	2.117414509	1.998123384
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3.572155602	4.764412401	5.279403423	4.878321294	4.844978715	4.771109364	4.422152777	4.475730612	4.942740449	4.084319503
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3.494334432	3.770662317	3.809403209	3.984534597	3.963425287	4.03254371	4.505415738	4.416635715	4.022680146	3.348321986
3.918441043	4.180827025	3.996883376	3.831099489	3.557238496	3.229000728	3.336112736	3.298489362	3.107108533	2.768963787
2.879338227	4.142744369	4.24479474	4.187988976	4.292004076	3.651352321	3.807327399	3.777983408	3.022243299	3.402440449
3.4714629	3.580985693	3.762942431	3.6118318	4.025832438	3.65971365	3.662950063	3.506725848	2.956120506	2.762564808
3.630995705	3.702614514	3.849676287	3.854884603	3.791777705	3.890075343	4.200777525	4.06948606	3.461837584	3.00743312
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3.588062388	3.783532504	3.995921018	4.387998427	4.940066101	4.960715664	4.567614306	4.308112123	4.006039208	3.493843649
3.007677144	3.555948913	3.967971411	4.279112276	4.032852994	3.902900519	4.006091439	3.864788311	3.50736253	3.541703063
3.008911622	3.223649997	3.485738412	3.778594904	3.902098512	3.8922244	4.066446205	4.160575402	3.775411902	3.223903785
2.980021267	3.160315559	3.505012335	4.030819632	3.633801455	3.629406581	3.068689261	2.261075507	2.223935601	1.90048878
3.217101806	3.288344906	3.432819272	4.011201356	3.765980223	2.963128637	3.886174176	3.917922339	3.758840495	3.651139375
2.932180031	3.629425623	4.645526829	5.073513282	4.631035804	4.427708803	4.670206663	4.785398397	4.46165753	4.206485569
2.827089389	3.546894032	3.652431699	4.622304259	5.5431627	4.82128274	3.880180521	3.432061543	4.173813237	4.521408246

0.7100Hz	0.7600Hz	0.8100Hz	0.8600Hz	0.9100Hz	0.9600Hz	1.0100Hz	1.0600Hz	1.1100Hz	1.1600Hz
1.955843591	1.786109971	1.899513657	1.778514764	1.623096647	1.31006276	1.116237721	1.623107558	1.946720604	1.766318935
3.407249189	3.540452224	3.578561092	3.448356732	3.628704604	4.33737139	5.270382174	6.904603659	9.840371966	10.17170382
2.40978305	1.787409565	1.947150028	2.942250602	3.195265423	2.365765915	1.547299002	2.290827925	3.098363423	2.355493909
2.346628071	2.58507357	2.74393889	2.272832394	1.926462691	2.061763668	2.284710046	2.59539548	2.669736839	2.836023332
2.681040892	2.011796169	2.425557079	3.738431018	5.078168557	4.413776104	2.974436634	2.774120447	2.49237065	2.847482727
4.285094648	4.213316432	3.976527416	4.326344905	5.389912254	6.133440715	7.690030002	8.150633059	7.705829065	9.023607392
2.404911926	2.201440051	2.624514517	2.980365567	2.904521063	2.719685528	3.720581407	3.986364777	2.935424418	2.638712196
3.202794566	2.742235261	2.909392693	3.559135458	3.267356964	2.60413558	2.867449054	2.913753265	3.836388464	5.213925464
3.258470733	3.281904358	3.337038075	3.505272493	3.775611277	3.804608149	3.677074144	3.885317272	3.734907911	3.716901813
3.155158112	2.895237824	2.335926822	1.996195154	2.319014392	2.970271389	3.154264485	3.690057844	4.106355707	4.39283545
2.803855438	3.009201338	2.786893908	2.559584482	2.64779148	2.294195459	2.379637887	2.688262142	2.542551101	2.211139927
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2.673646019	2.280174669	2.203028587	2.217730547	2.441049143	3.314229858	3.956161416	5.310465693	8.534487464	9.693158662
1.658697199	1.602916877	1.365346424	1.306625078	1.335845466	1.439559204	1.652673671	1.915319372	2.474138368	2.899548651
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2.207625928	2.408271282	2.360466463	2.441310293	2.52585756	1.776473709	1.651931278	2.197782375	2.271119359	2.198379323
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2.397588666	2.685113449	2.472775738	2.426169439	2.577350396	1.838751062	2.26610003	3.390512363	2.939608797	2.698894023
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3.135430139	4.010576101	2.876213152	1.771221082	2.22034527	3.051617852	3.03005813	2.576864867	2.491042672	2.948332073
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3.269428734	3.336534451	3.410637201	3.549788363	3.55104076	4.076851614	4.473203437	4.556351037	4.673448745	6.573427366
2.613260819	2.388445298	2.542011827	2.667572817	3.311089092	2.821704521	2.218271317	3.013269237	3.700858765	3.616080638
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2.0465464	1.757785729	1.52985884	1.60561263	1.678936364	1.44027339	1.294771375	1.086977471	1.070131393	1.232168029
4.572699943	5.462866247	6.100917466	6.952513074	8.658360159	7.996238378	6.178717063	5.177755642	5.165345567	6.162674468
4.029058256	4.242272005	5.07259295	5.41179393	4.990729758	5.185093096	5.685045659	5.998485538	6.142097898	6.941257521
4.268817518	3.75453852	3.61567557	4.378398926	5.768193729	6.351704124	6.179943116	7.07506044	8.418796518	9.728425103
3.320199529	3.598566984	3.475645025	3.547641058	3.802906467	3.756773051	4.933000821	7.912175453	15.02818472	16.57027306
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3.461749994	3.557376672	2.657618843	2.552814615	3.258953463	4.153897981	4.8179331	4.96851972	5.115074813	5.339425713
2.93162965	3.061488777	3.338432545	3.097373191	3.127821884	3.578421149	3.434719343	3.688023731	4.798810692	5.64458351
2.90731818	2.640062937	3.198026724	3.790026995	3.439929464	2.81493429	3.245827331	3.903179072	5.092346938	5.045360246
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2.869617521	2.50926512	1.755914463	2.126469948	3.274447328	3.860073744	3.396899783	3.010499941	2.659259234	2.197632694
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3.904222137	3.008030845	2.131251538	2.035546855	2.767796247	3.906110188	3.73930272	3.482289109	3.476428779	3.854111923
2.135816908	2.470645716	2.852846885	3.537529135	3.448921308	3.015530614	2.976843526	2.49575165	2.993173308	4.008062346
3.00740777	3.276912976	3.503107984	3.131732431	3.171432146	3.721582018	3.62979211	3.210363652	3.817260011	4.67801084
3.144755824	3.097967114	3.162000432	3.360808288	3.370955393	3.391610224	3.504999179	3.581598018	3.653995378	3.778835525
3.157725722	2.885713093	2.077256166	1.863080054	1.771961018	2.086449332	2.506026405	3.406476552	4.406725395	5.246533417
1.417609293	1.24055005	1.269404882	1.234852771	1.20129068	1.21393447	1.203114045	1.322048944	1.698906945	1.997219575
2.340132556	2.112935005	1.905818935	2.986923055	3.0597938	2.297922006	2.678184695	2.815001694	2.541769069	2.689934727
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3.053934777	3.758859252	4.177012016	4.048379331	4.481387228	5.201064061	5.617970312	5.664036881	6.100845208	6.96062803
2.043097391	1.695565466	1.625258075	2.074721077	2.31241508	2.522278264	2.206789011	1.491330673	1.470546837	1.237188407
3.233776188	3.500755356	3.724583461	4.026351325	4.136844337	4.04245556	4.394350801	5.33943876	9.552832372	11.87817389
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2.284527379	2.231284118	2.391887264	2.723656591	2.677727809	1.783173831	2.159580913	2.754836116	2.645228205	2.874153584
3.883156278	5.03508247	4.716203025	3.551153692	4.322125568	3.794959231	3.029372954	3.681109875	3.488647762	3.832543624
3.591751149	3.696192306	4.053411183	4.106470097	3.998030026	4.657170869	5.815247266	10.02359246	21.00492084	21.4320488
2.669552859	3.173593239	3.601283504	2.937054996	2.512425733	2.55620737	2.249035083	2.42275645	2.30028261	2.901193528
2.829474016	2.324758545	2.478221712	3.110152985	3.625106399	4.508545279	5.394019611	6.676607938	8.000575193	8.061052217
1.81134036	1.781570404	1.796382677	1.96238803	2.181546521	2.535774304	2.728271915	3.257173193	4.412037716	4.555064834
2.793190873	3.108499047	3.116288678	2.969027127	3.134166815	2.957540238	2.964153031	3.939377298	5.73143975	5.889244817
3.125541952	3.59919	3.875775462	4.088989472	3.918806238	3.814062383	4.055669696	4.58324284	5.003057252	4.259268303
4.035336675	4.328731906	5.080686959	5.531430424	6.298107358	7.387365407	9.128495646	12.34755785	17.31879881	18.42925808
2.838260127	2.840359466	2.935623412	2.967689523	3.11854393	3.367952098	3.708330453	4.961707487	7.437634778	7.911460979
3.637692286	3.677855606	3.604064609	3.84040604	4.420049188	4.858660048	5.668826431	7.263564877	9.505435957	10.14563994
2.818455197	2.878033477	3.475288073	4.186674057	4.621465486	5.311208387	6.368480582	8.134961402	9.515791568	10.11024217
2.878721311	2.84398376	3.592054366	4.075749978	4.477631691	5.202283768	6.28892679	8.724322997	12.68711156	14.53113634
3.575547402	3.977989954	4.641840216	5.55030682	6.723850657	7.931008549	8.857943621	11.58160597	18.22445582	20.66016366
3.548939575	3.147013125	2.575726776	2.337776807	3.521183773	3.713215643	2.827740528	3.32876075	5.57366395	5.068725561
2.067286995	1.990219393	2.086265768	1.647185197	1.480986928	1.211779125	1.063865957	1.865470811	2.389985881	2.907580191
2.964102817	3.38085752	3.916018678	4.185513599	3.991767242	3.221909951	3.854995245	5.229706656	4.454114502	4.321616699
2.918420452	2.599573838	2.469395604	2.827054923	3.213660163	3.714183052	4.344694772	6.805293698	12.94410792	14.31949643
2.937466315	3.439693683	3.801962648	3.761897399	3.604589181	2.699529173	4.564175012	7.531574135	11.76042928	12.10598368
2.150759256	2.153591409	2.552613325	2.472870987	2.476471653	2.426112034	2.671376079	3.201280143	3.368347929	3.430474514
2.785746352	2.39937287	2.385061265	2.396767458	2.719508522	2.211895908	2.422688529	2.763392279	2.437036301	2.987692567
2.572841187	2.197738512	2.039260107	2.191365914	2.172924025	2.182464457	2.411904572	3.418430368	5.380965721	5.656597101
2.695589487	2.681066298	2.610194976	2.677867479	3.023925386	3.531729419	3.693890659	6.008647402	10.36183281	11.31541863
4.839638246	6.056817527	8.243795167	10.445755	11.47936714	12.67269518	13.31022266	14.71107603	17.43245682	16.69873324



3.615665422	3.409026798	3.37419979	3.201119264	4.028520501	5.841776679	5.217196379	4.454755851	5.327588038	5.163711249
3.437585324	3.626689085	3.574514888	3.196177764	3.261056576	3.885069714	4.331866494	4.058617855	3.660905138	5.19060919
2.656573527	3.520808939	4.141762462	4.164681052	5.369338228	6.657070254	5.479870513	5.998648931	7.428215618	8.901388588
3.451085105	3.495634778	3.274460638	3.110898801	3.80629886	4.782644404	5.55660603	7.840497698	11.25225295	9.730252255
2.328739135	2.547801703	2.790669718	2.669035036	3.313785782	3.387773772	3.678205229	3.655195795	3.704759584	4.259543405
5.459870829	4.196317786	3.993482656	4.762083007	4.974467196	5.792061977	5.320201342	5.571491829	6.841314939	5.912250431
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5.566678068	6.679459002	7.06364038	7.690491449	8.718111265	10.65949593	13.73007924	17.65496682	23.76956064	23.41245522
2.486589219	2.20459811	2.030537282	2.19454364	2.177329962	2.421905079	2.387395075	2.367894567	2.749243561	3.894184929
2.900523761	4.067054259	4.409055232	3.771655412	3.855993137	4.334505993	5.202359427	5.75984046	6.667896453	7.232226082
3.698143557	3.403605123	3.332148248	3.246583734	3.322403773	3.215595463	3.607209642	4.17872351	3.719812896	3.677098551
2.565045196	2.512482501	2.914142242	3.056503196	3.158380691	3.210392332	3.138881062	3.522638372	3.529312831	3.767647899
2.662143689	2.638220704	2.497248518	2.762706811	3.395333417	3.527107189	2.994348895	2.451354313	2.855412121	3.162850743
2.101186011	1.980548949	2.166591652	2.464182289	2.535511175	1.987580348	1.818394432	2.342949844	2.745580263	2.351438771
2.490420736	2.719727461	3.636563822	4.287428878	4.884703946	6.245546563	7.629247021	10.75275551	14.04859793	16.28213768
3.251402875	3.77848252	3.8730201	3.04693767	3.435395622	4.535853676	4.252457744	3.673059325	5.137972885	5.766953149
2.960867992	2.780601404	3.187595466	3.961428005	4.194840819	4.289437584	4.748187873	5.958531827	8.161082879	8.044758493
3.609686501	3.673187119	3.704596066	3.672309863	3.699919808	3.345833124	3.783980126	4.669335888	5.821444006	5.50673296
4.907213185	5.511957567	5.734160613	5.73793792	6.139452076	7.009750558	8.08657845	10.18625872	12.12960423	12.52158641
2.510933297	2.340100266	2.322489749	2.323037769	2.679352177	3.022193115	2.637496152	2.510938882	2.236500923	2.590393472
3.781540204	3.863850112	3.194475123	2.943606764	3.865477431	4.210587522	5.11116788	5.888748476	7.185750841	8.376047929
3.215618345	3.649603476	3.731293408	2.949683528	2.374480055	2.524382179	3.053333391	4.672828446	6.007568738	7.525741137
2.918464794	3.313837089	3.858486527	4.198737694	3.876153026	3.882463979	5.394791897	6.310727419	5.834531989	6.614114509
1.554109877	1.066314232	0.930549472	0.907605708	0.832131277	0.82778741	0.849572691	1.121285284	2.019015494	2.177373681
3.714133241	3.048932745	2.894260723	3.32692426	3.300949114	2.906937631	2.769581018	4.780800921	7.240343275	6.594056982
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7.381077578	5.46095487	3.556802101	3.561522991	5.052211812	6.214502755	5.753642108	5.612361063	4.820877329	5.667870126
2.00167462	2.435508613	2.058002453	1.762699305	2.465241128	2.381956566	1.962043898	2.519663912	2.574354519	4.791858416
2.731837888	3.165270688	3.353386904	3.700625965	4.117861056	4.057427377	4.847264251	7.375191974	10.37730995	10.68062679
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2.950035837	3.344462732	3.255624068	3.094624499	3.362572642	3.384742685	4.32199098	5.708029921	6.271753825	7.350029854
1.781440662	1.803794186	1.622131003	1.624675636	1.739149126	1.680105812	1.629903544	1.597985769	1.625775042	1.646724635

1.835533058	2.153208578	2.272523435	2.660501058	3.299074901	2.583890249	1.97928124	3.989516192	7.166249809	7.141968192
4.494774865	5.066451166	6.198907571	6.438985768	6.718605605	9.637059793	13.32737354	15.76798254	16.75670593	18.42546966
3.815820041	3.769020288	2.582020518	3.143918326	3.319708215	3.053899913	2.792975661	2.069380669	2.43713205	4.174365049
3.199308106	3.721821363	3.435848538	2.523094284	2.644433997	3.454844363	3.662979307	2.979310602	2.263593461	2.719668655
2.99243234	2.851939727	2.719004349	2.574207693	2.813524971	3.166537459	3.285575962	3.639248829	4.214941908	4.643371589
3.855648016	3.573359059	3.600196994	5.243941175	6.714795744	6.786303461	6.948402658	7.853775073	8.211751845	8.147721096
3.195472432	3.495599848	3.599128086	3.547549431	3.590806923	3.809150708	4.50231669	4.891817854	5.112632142	5.589386074
1.738293081	1.695533008	1.701391272	1.706877031	1.739913493	1.847722227	1.92863679	2.073237642	2.312654882	2.46178176
2.924127471	3.340860407	3.662147827	3.407429691	3.227564455	3.336743954	2.712588657	3.378232534	4.220133147	2.856939849
4.154699648	4.758886451	5.929532501	6.539131826	7.345087042	8.738661095	9.582215385	9.447799021	10.82546358	12.8001627
2.826657548	1.841340452	1.904007367	2.065171526	2.20080942	2.899853914	3.401041768	3.277549518	3.576602151	3.840898856

1.2100Hz	1.2600Hz	1.3100Hz	1.3600Hz	1.4100Hz	1.4600Hz	1.5100Hz	1.5600Hz	1.6100Hz	1.6600Hz
2.381258688	2.633283376	3.0809015	2.968299385	1.710151343	1.61920474	2.422675631	3.069716001	2.855696942	2.748275346
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2.907883414	3.282964905	2.888476029	2.738026764	2.006282212	1.175743422	2.367119793	4.152744479	3.120839075	3.063994811
4.166726007	4.60862661	3.75628126	3.011423175	2.793729775	2.781620538	2.970385413	4.541378482	6.629909186	6.282478209
3.389345702	3.935241093	4.099872781	3.770691179	3.893119355	3.888894775	3.403893391	2.594493106	3.251676249	3.121575304
10.97082863	12.11731303	13.1403245	12.32068242	11.99798215	13.38426845	14.50217067	13.85167915	13.20382313	15.40739343
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3.986256204	3.90650849	3.966532892	4.085697099	4.043333154	4.031617451	4.192227228	4.470376031	4.393376883	4.363871519
4.34610866	3.863334756	4.452538676	5.219733066	5.064480127	5.937733102	7.325670288	7.167277885	7.214959865	8.879694939
2.234380409	2.288376257	2.369282707	2.583247243	2.586135907	2.308931792	2.216940868	2.559235368	2.670549418	2.854246107
4.613192355	5.793347043	5.490007271	6.403705136	6.307683387	3.476731474	3.727747608	4.695336093	5.625018568	7.060831598
8.772136644	7.054963408	5.649178059	6.06601692	6.722464832	6.484245793	6.278560771	6.470082057	6.587932971	7.06462725
4.265392742	4.322586042	2.740268091	2.161848697	1.885696941	1.858167398	1.871166645	1.925543125	1.860310085	1.698643615
4.029327176	4.249101385	4.581428099	4.735086236	4.851576926	5.350611133	5.688021749	5.853401855	6.118736916	6.10993879
4.769183787	7.101493632	7.740346753	6.568729532	5.983092262	7.462940383	6.508270533	5.403303155	7.357901662	8.520328577
5.326862076	4.084624708	4.681359919	5.069347106	4.221960802	4.570017934	5.0549521	5.164931884	5.237007577	5.847035547
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2.999221533	3.043024327	3.643546629	3.156715572	2.423051909	2.253118756	2.246501609	2.432017392	2.912419536	3.039175921
2.721876668	2.998470261	3.003314342	3.481235946	4.085776268	4.29910713	4.409974996	4.701376538	5.211931892	5.066928618
2.359542022	3.321897126	4.293851559	4.005972599	3.677406839	3.903728499	4.278302121	4.60178869	4.465341385	5.598757728
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14.19616377	14.43712234	9.882691196	8.617748503	8.95971396	11.27450895	14.83923284	13.12851032	11.22195792	10.7959172
12.40958999	13.03646194	9.246467703	8.689177628	9.605174267	10.14524112	11.63125719	12.94326418	12.00250573	13.28226111
4.996144096	5.959775683	5.954769442	4.475238546	4.005242984	6.442689591	8.096086089	8.678147092	8.236511831	8.164349391
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4.309964978	4.854731364	4.361480352	4.065506684	3.586156217	4.327214361	4.263476154	5.566599314	5.251470229	2.871184842
3.098659908	3.369437209	3.254893386	3.31102493	3.620501867	3.632621876	2.735568513	2.669203822	2.955548759	2.880450923
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4.020022645	4.360295711	4.191418514	4.605863602	3.831395179	3.345298046	4.533987892	4.826581222	5.738627043	6.695505003
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3.289156853	2.999579378	3.258490519	2.72181687	2.101771908	2.745591062	2.499156352	1.79766643	2.277084442	2.934046887
3.456407641	4.179388104	4.104419135	3.437860532	3.309892758	3.253373963	3.944103074	3.498029591	3.041630606	3.563254065
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1.301669826	1.189684567	1.092397834	1.074924695	1.071532666	1.13299787	1.139924875	1.081232908	1.144334137	1.185771323
6.688449195	7.073815262	7.125233227	6.106809215	5.783310731	5.878074258	5.979023234	7.163118344	7.811343499	10.2617166
8.501604576	9.792729714	9.992601879	9.988419338	10.60544594	11.40415957	12.33672486	13.37508981	13.27944307	13.94520012
12.5619049	14.68872155	14.84466976	13.41993988	11.63041705	11.37763871	11.64701071	12.57418797	13.02037684	14.31114782
13.75055476	13.09122607	10.7184642	9.735001797	9.472029183	9.029509091	8.677476516	7.833990347	7.328505869	7.453230721
7.587666582	6.951146049	7.170428798	7.857663562	8.104970164	9.101191046	8.534781283	7.414900199	6.863760322	6.212607983
6.384344962	6.870355402	7.548660958	8.886816622	8.917912125	7.7922694	8.834663164	10.29843756	11.38610289	12.0625991
6.464801092	6.139820901	5.436102886	5.707150541	7.195865084	8.178570063	9.36770791	11.2157963	11.78552298	12.30056859
4.619630605	4.530475284	4.498459212	5.299631418	5.823440188	5.428337561	5.146088618	5.634479938	6.018971483	6.254062664
2.828750805	3.403982614	3.606882713	3.153551226	2.664264805	3.139858124	3.922079741	5.950221678	6.881554439	6.032225864
2.820894974	3.032453774	3.750209551	3.330529335	3.228106935	4.419068755	4.397294805	4.165794426	4.571786305	5.022268866
2.552127399	2.841702624	2.494924402	2.377208936	2.590842282	2.831055761	4.151258572	4.777111802	3.999775927	3.777718676
10.28876207	11.13477845	10.20853762	9.969459928	12.094397	12.39944387	11.99522812	12.24677285	12.01868874	14.512395
4.306699607	4.287487911	4.022939903	3.930597765	4.590821123	4.87188304	4.661318872	5.031338351	5.234316456	5.310880259
4.326973959	3.531363194	3.024329666	2.451838503	2.996073083	3.827818388	2.96586088	3.226448828	5.008901558	4.324026255
5.123146365	4.215307287	2.863645916	2.847265837	2.858642815	3.070701704	3.0717882	3.701650504	4.029511435	3.835322306
5.240114997	5.581161898	5.234206207	5.28232683	4.915664758	4.14542766	4.52536331	5.736468888	6.369044694	5.67853849
4.099589998	4.129394194	4.023834957	4.1196004	4.087801756	4.200068093	4.531035881	4.558449702	4.499432679	4.569308566
7.33325802	5.894661738	3.6747834	4.009546293	4.060230938	4.306800663	5.725937681	7.114151809	5.788881113	5.438713207
2.398708339	2.332089689	1.668433675	1.345436194	1.238026261	1.209452506	1.254035377	1.283021475	1.278518265	1.332119147
3.826170585	3.61993212	2.492704409	2.551798547	2.150101639	3.465669654	3.880565598	2.63138622	2.847044534	3.239178681
3.104439399	4.061677056	5.056817573	5.644750296	5.706392245	5.284197914	6.25338988	7.230773887	7.074377773	6.929313542
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14.128849	13.63452271	9.631155717	6.389630512	5.229196441	6.207412493	8.12801541	8.565490547	9.564653676	11.87250479
9.481653154	10.03384817	10.12948312	11.55866453	11.76877388	11.06294139	11.66902725	12.99118832	13.76314191	13.81884332

8.06664824	9.240582512	7.760163327	6.790415039	5.103389305	4.771711865	5.022148541	6.081844583	6.05298728	6.43614628
3.473897972	2.753203795	2.55746792	2.842516765	2.899672863	3.340031605	3.304987048	3.724585683	4.961476509	4.367725421
3.168763403	3.223151432	2.76525689	2.345224318	2.734069071	4.075295526	4.088929274	3.873970932	3.948022253	2.778740624
4.901802369	4.718875511	5.043163594	5.758705838	7.000839145	7.321417183	6.573038522	7.207621361	8.677989278	10.04436568
7.984438126	8.560086438	9.017099879	9.317335837	10.85538365	11.59729502	10.38276275	10.50975222	10.59083926	10.00337658
1.111076541	1.234389334	1.212460239	1.273126505	1.179852683	1.00534988	1.118871725	1.276825671	1.201792371	1.051603496
10.90781562	10.45254351	8.572765423	7.014578832	7.795053597	8.67804406	8.815309912	9.871411921	12.51543195	15.22993951
8.828451433	8.793561888	6.435332251	7.716604815	10.10775373	10.8078096	11.94796434	13.0533301	14.83507875	16.28750155
6.635631779	6.657224784	7.044100969	7.832519619	8.174317854	9.171856472	9.163112073	8.736848906	9.791026795	10.35300488
5.569891412	4.661010619	3.49293705	4.118259336	3.607488327	2.765756652	2.938011772	2.959905897	3.128222162	3.252683333
11.57011419	13.09074456	9.317368966	6.675261562	6.164944255	6.505455299	6.737563858	6.982657607	7.666831945	7.76474593
8.304840122	10.21744106	7.425346119	4.487798798	4.906154975	4.605259643	4.641571983	5.641074438	5.152990988	4.581328087
1.807715379	1.476984203	1.195236151	1.186201375	1.210682934	1.269619979	1.178750759	1.159004296	1.201624797	1.190691094
9.619057221	10.56653681	10.88269085	10.70133214	10.61631991	10.65515662	10.52374223	11.5592356	12.68236202	13.14015578
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5.822189937	5.744136949	7.025562516	8.97992693	9.468386653	9.52876644	10.86510979	10.77632633	11.57926419	14.00977468
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2.852355775	2.445568548	1.296910498	1.230733454	1.325086634	1.235993147	1.122409958	1.065841729	1.074369786	1.128493181
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3.1301773	3.158012867	2.806205968	2.801291385	2.647261721	2.301537164	2.166364202	2.342529151	2.845813818	3.154355823
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3.005085416	3.373959366	2.874681971	3.400921759	3.396331893	2.863715949	2.367507915	3.097929632	3.044609256	3.068930037
15.10473966	16.69315253	13.49451482	13.47526331	13.10976097	12.31021036	11.998443	13.13333076	14.30824762	15.18419441
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5.693573378	6.692298275	5.735388964	5.032834217	6.078698664	6.67732527	7.503326962	8.34377464	8.991765277	9.064106593
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3.737857973	3.852929556	3.612868638	3.209027006	3.526011396	3.755692876	3.262178469	2.93177281	3.105801138	3.105033574
8.298075729	10.08309045	12.02036029	11.65743307	11.37649889	12.53399405	12.3942264	13.39245886	14.9920191	15.89913134
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6.327256984	5.871705686	2.828975811	2.429062575	1.92627063	2.789771796	3.916585187	4.678948331	5.55059249	5.498840251
7.094545515	9.464456322	10.7592392	10.46223229	8.759297382	7.575372231	7.468971843	9.679265977	13.48490394	15.53413876
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13.81335048	15.60384881	11.94323606	8.938390189	6.945624281	5.329408427	4.806697639	5.319751458	5.302677742	4.846493135
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5.400250076	5.882770928	6.14632552	6.583073108	7.714248674	7.159744419	7.707480576	9.577529903	10.37789875	13.16252165
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1.325672333	1.586720438	1.658048839	1.382820291	0.90007343	0.87689717	0.905586376	0.821175246	0.970715825	1.033717489
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21.56791926	23.20245788	23.51227571	20.75397505	16.28012572	14.54622173	15.61990191	15.90591851	14.70354259	15.26583772
4.73451168	4.620586279	4.707536118	3.641813371	2.80733287	2.608446512	3.571190184	4.755185078	5.086717738	4.980218527
3.785375797	3.111750629	3.302009575	4.375540049	4.063364851	3.739424458	4.10506143	4.763528255	5.070420335	4.980487566
7.47699221	7.858858666	4.929393486	4.237075768	4.62352882	5.21126032	5.729142993	5.695295205	5.83257437	6.302559935
10.30620747	11.83019355	12.45160241	12.89296851	13.88412324	15.85675467	15.78022639	16.43040517	17.78958265	18.64219169
7.126945973	7.95684694	6.793221519	6.248632428	6.982745547	7.283676462	7.199431942	7.417526968	7.884571851	8.812812293
2.64043862	2.645487479	2.607193541	2.727392796	2.865299712	3.107033543	3.230497408	3.309048022	3.406131222	3.561128206
1.772775317	2.015368871	2.055275459	2.289413155	2.653413329	2.873526338	3.226950579	3.446110171	3.950639673	3.092090625
13.19566323	13.24827203	13.44778342	13.35215772	14.50195987	15.3039082	15.81374022	16.42281544	15.80540245	17.21336443
3.654706457	3.705256977	4.255362176	3.638374859	2.758271689	2.802334013	3.320460926	3.17121642	2.594543482	2.507253653



1.7100Hz	1.7600Hz	1.8100Hz	1.8600Hz	1.9100Hz
2.456227037	2.320846368	2.97901183	3.648944373	3.224738987
18.85216608	19.82173585	20.80106967	21.46111697	22.15020334
3.328902052	2.301552284	2.214636868	2.401081674	2.86152963
5.415395344	6.249228388	6.718116639	6.344317065	7.39701339
2.147978289	2.425380563	2.652043322	2.388755435	1.800918437
17.25624695	17.31963201	16.13406589	18.46780275	21.34340575
10.24460682	9.632683987	10.05634785	9.74301952	10.04659647
8.684230702	8.490167655	9.46908569	11.91881122	13.97848951
4.450572783	4.301235089	4.239402684	4.263372141	4.239275236
10.17106499	9.940675813	10.51585366	9.561286558	8.244288847
2.988100461	2.731486831	2.514316025	2.598601498	2.604012879
6.929584732	6.412975791	6.606623519	7.210248167	8.922093146
7.397628962	7.288616308	6.815003043	6.551916479	6.591231542
1.62944247	1.633474258	1.562958763	1.619905896	1.685735195
5.879613324	5.765711111	5.92897964	6.000756157	5.704497314
8.394369777	8.050165541	9.053718967	12.92565478	14.04397054
5.747951452	6.041604789	6.544394444	6.294542609	5.864779186
8.29609035	8.59851657	8.707390561	9.8728535	9.551935155
3.080510606	2.948653743	2.496950345	2.529305883	2.536402361
4.723445473	5.35439031	5.588314684	5.481957195	5.674417254
5.239221586	3.538885301	4.716588255	5.886057437	5.954105386
5.191778076	4.652247883	3.776264221	4.216074104	4.700000503
9.619101644	9.199162705	10.06147861	10.70590712	10.81673097
16.1910954	17.77795634	19.14089592	19.30415063	20.4612194
9.551448869	10.39724967	11.90509755	14.16361562	13.95464587
15.39415089	15.28603192	18.66798553	20.08964165	21.25104605
2.914569909	2.844888967	3.08819544	4.191988064	5.255799582
2.942942237	2.821001554	2.300919632	3.090295204	3.549151194
15.02773525	13.86854419	14.99456545	15.12737458	16.28101019
5.102425467	4.396582077	4.257552216	5.067094741	5.399149061
5.765844737	4.676110499	5.260838319	6.04517263	6.642584274
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3.510536625	3.586475946	3.206640121	3.088770938	3.032318441
3.194262627	2.625962152	2.897081802	4.411119345	6.158573916
7.192077017	6.61310972	7.123189444	8.024411853	7.822105213
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8.394406163	9.119759934	11.11240506	13.38583598	14.10329441
6.82568983	6.455935103	6.492873361	6.573241552	6.764235658
11.74893967	11.99355153	13.07728504	15.74804137	17.2021662
0.639529688	0.654580314	0.65970027	0.640822618	0.617513041
1.156854274	1.117449058	1.140549674	1.165639676	1.149161475
8.895235197	7.301221001	10.2446055	11.15294445	11.05892486
14.63517327	15.69339402	17.0665805	15.68489314	16.57520126
16.22485801	16.02639286	15.89398389	15.97887734	15.86501239
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6.399567619	6.416917344	6.109865948	5.539939881	5.149893255
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13.01216334	14.9348472	16.08905038	14.62380495	14.53804763
6.438861471	6.389243463	6.121672348	6.121070729	5.951166018
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5.235448463	5.165559388	5.234920442	4.880658846	4.487615558
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3.698491276	4.970384666	5.696727811	4.496599096	5.855559013
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1.325793845	1.274541007	1.248977279	1.240363956	1.212132539
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7.775336795	8.193456461	8.329940081	8.481635726	8.146011035
17.94928573	17.30023945	19.13628232	21.53606797	21.65205192
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7.864297195	9.289376372	9.93682513	11.74850062	13.88849757
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16.60291891	17.30963936	17.46912363	16.06983003	15.11544372
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7.703904353	7.513349162	7.382867416	7.408540588	7.53085601
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19.22079919	21.28494056	23.55627707	22.7885686	21.2605037
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1.089051565	0.989873591	0.975201322	0.975704196	0.977813784
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4.746523613	4.735989303	5.119840666	5.597118094	5.801126656
5.481930466	5.754054519	5.217302517	5.894889738	5.732460519
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8.268133122	9.49048688	10.2296906	8.437554935	7.334502479
13.19189615	13.96275278	14.69306698	15.80934331	16.10056989
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