

Downhill harp string chart

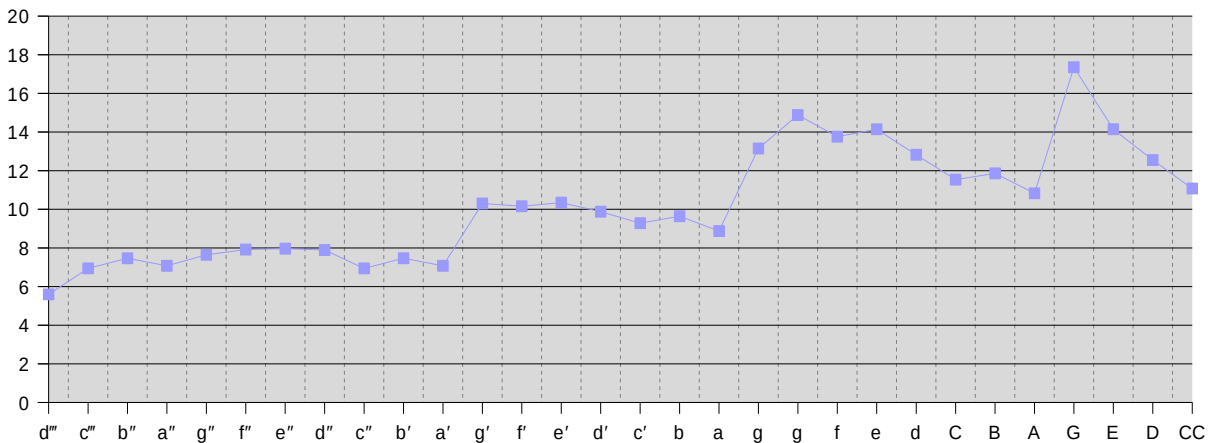


Simon Chadwick, 2018

String	freq	Note	Length (cm)	Length (in)	Gauge (mm)	Gauge (in)	Tension (kg)	Metal
1	1174	d'''	8	3	0.48	0.019	6	Yellow brass
2	1046	c'''	10	4	0.48	0.019	7	Yellow brass
3	986	b''	11	4	0.48	0.019	7	Yellow brass
4	880	a''	12	5	0.48	0.019	7	Yellow brass
5	784	g''	14	6	0.48	0.019	8	Yellow brass
6	698	f''	16	6	0.48	0.019	8	Yellow brass
7	659	e''	17	7	0.48	0.019	8	Yellow brass
8	587	d''	19	7	0.48	0.019	8	Yellow brass
9	523	c''	20	8	0.48	0.019	7	Yellow brass
10	493	b'	22	9	0.48	0.019	7	Yellow brass
11	440	a'	24	9	0.48	0.019	7	Yellow brass
12	392	g'	26	10	0.6	0.024	10	Yellow brass
13	349	f'	29	11	0.6	0.024	10	Yellow brass
14	329.5	e'	31	12	0.6	0.024	10	Yellow brass
15	293.5	d'	34	13	0.6	0.024	10	Yellow brass
16	261.5	c'	37	15	0.6	0.024	9	Yellow brass
17	246.5	b	40	16	0.6	0.024	10	Yellow brass
18	220	a	43	17	0.6	0.024	9	Yellow brass
19	196	g	47	19	0.75	0.03	13	Yellow brass
20	196	g	50	20	0.75	0.03	15	Yellow brass
21	174.5	f	54	21	0.75	0.03	14	Yellow brass
22	164.75	e	58	23	0.75	0.03	14	Yellow brass
23	146.75	d	62	24	0.75	0.03	13	Yellow brass
24	130.75	C	66	26	0.75	0.03	12	Yellow brass
25	123.25	B	71	28	0.75	0.03	12	Yellow brass
26	110	A	76	30	0.75	0.03	11	Yellow brass
27	98	G	81	32	1	0.039	17	Yellow brass
28	82.375	E	87	34	1	0.039	14	Yellow brass
29	73.375	D	92	36	1	0.039	13	Yellow brass
30	65.375	CC	97	38	1	0.039	11	Yellow brass

Total: 307

Tension



All measurements and tensions are very approximate, based on templates from David Kortier