

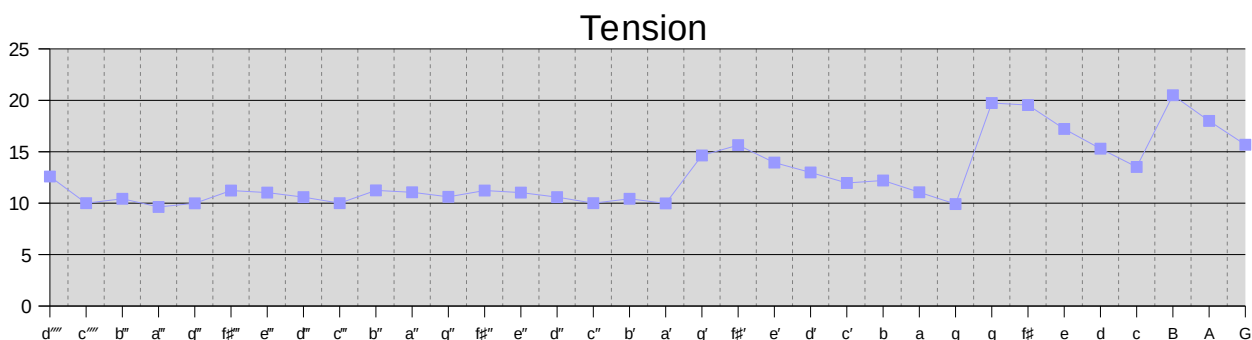
Castle Otway harp speculative string chart



Simon Chadwick, 2026

String	freq	name	Length (cm)	Length (in)	Gauge (mm)	Gauge (in)	Tension (kg)	Metal
1	2348	d ^{'''}	6	2	0.48	0.019	13	Yellow brass
2	2092	c ^{'''}	6	2	0.48	0.019	10	Yellow brass
3	1972	b ^{'''}	6.5	3	0.48	0.019	10	Yellow brass
4	1760	a ^{'''}	7	3	0.48	0.019	10	Yellow brass
5	1568	g ^{'''}	8	3	0.48	0.019	10	Yellow brass
6	1478	f ^{'''}	9	4	0.48	0.019	11	Yellow brass
7	1318	e ^{'''}	10	4	0.48	0.019	11	Yellow brass
8	1174	d ^{'''}	11	4	0.48	0.019	11	Yellow brass
9	1046	c ^{'''}	12	5	0.48	0.019	10	Yellow brass
10	986	b ^{''}	13.5	5	0.48	0.019	11	Yellow brass
11	880	a ^{''}	15	6	0.48	0.019	11	Yellow brass
12	784	g ^{''}	16.5	7	0.48	0.019	11	Yellow brass
13	739	f ^{''}	18	7	0.48	0.019	11	Yellow brass
14	659	e ^{''}	20	8	0.48	0.019	11	Yellow brass
15	587	d ^{''}	22	9	0.48	0.019	11	Yellow brass
16	523	c ^{''}	24	9	0.48	0.019	10	Yellow brass
17	493	b [']	26	10	0.48	0.019	10	Yellow brass
18	440	a [']	28.5	11	0.48	0.019	10	Yellow brass
19	392	g [']	31	12	0.6	0.024	15	Yellow brass
20	369.5	f ^{#'}	34	13	0.6	0.024	16	Yellow brass
21	329.5	e [']	36	14	0.6	0.024	14	Yellow brass
22	293.5	d [']	39	15	0.6	0.024	13	Yellow brass
23	261.5	c [']	42	17	0.6	0.024	12	Yellow brass
24	246.5	b	45	18	0.6	0.024	12	Yellow brass
25	220	a	48	19	0.6	0.024	11	Yellow brass
26	196	g	51	20	0.6	0.024	10	Yellow brass
27	196	g	54	21	0.8	0.032	20	Yellow brass
28	184.75	f [#]	57	22	0.8	0.032	20	Yellow brass
29	164.75	e	60	24	0.8	0.032	17	Yellow brass
30	146.75	d	63.5	25	0.8	0.032	15	Yellow brass
31	130.75	c	67	26	0.8	0.032	14	Yellow brass
32	123.25	B	70	28	1	0.039	21	Yellow brass
33	110	A	73.5	29	1	0.039	18	Yellow brass
34	98	G	77	30	1	0.039	16	Yellow brass

Total: 434



Lengths from reconstruction copy by Atelier Rumor, 2020

Check your string lengths before using this chart

This tuning is defective because it is missing the lowest two notes which are required to play the traditional repertory:

D and E below cronan G.

Castle Otway harp speculative string chart



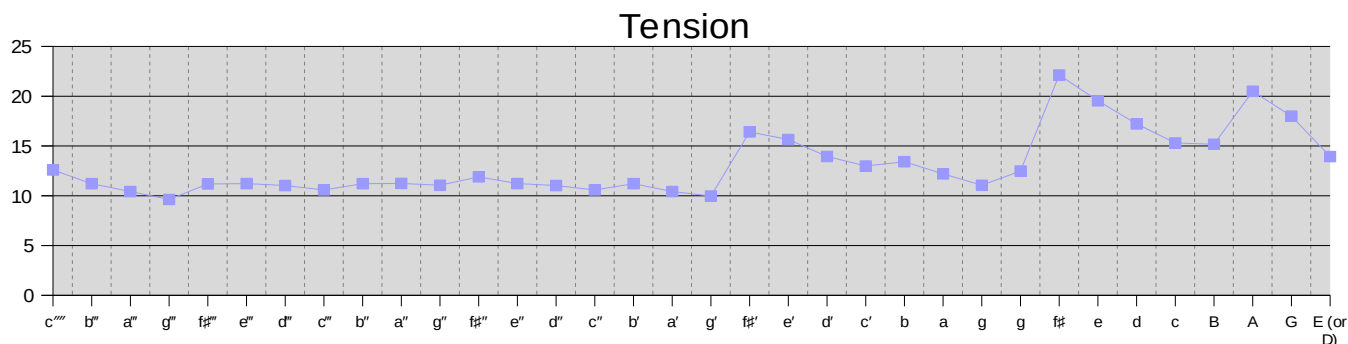
Tuned one note higher (pitch standard of A495) – (or sisters on a220)

note name

Simon Chadwick, 2026

String	freq	A495	A440	Length (cm)	Length (in)	Gauge (mm)	Gauge (in)	Tension (kg)	Metal
1	2348	c'''	d'''	6	2	0.48	0.019	13	Yellow brass
2	2216	b'''	c#'''	6	2	0.48	0.019	11	Yellow brass
3	1972	a'''	b'''	6.5	3	0.48	0.019	10	Yellow brass
4	1760	g'''	a'''	7	3	0.48	0.019	10	Yellow brass
5	1660	f#'''	g#'''	8	3	0.48	0.019	11	Yellow brass
6	1478	e'''	f#'''	9	4	0.48	0.019	11	Yellow brass
7	1318	d'''	e'''	10	4	0.48	0.019	11	Yellow brass
8	1174	c'''	d'''	11	4	0.48	0.019	11	Yellow brass
9	1108	b''	c#''	12	5	0.48	0.019	11	Yellow brass
10	986	a''	b''	13.5	5	0.48	0.019	11	Yellow brass
11	880	g''	a''	15	6	0.48	0.019	11	Yellow brass
12	830	f#''	g#''	16.5	7	0.48	0.019	12	Yellow brass
13	739	e''	f#''	18	7	0.48	0.019	11	Yellow brass
14	659	d''	e''	20	8	0.48	0.019	11	Yellow brass
15	587	c''	d''	22	9	0.48	0.019	11	Yellow brass
16	554	b'	c#'	24	9	0.48	0.019	11	Yellow brass
17	493	a'	b'	26	10	0.48	0.019	10	Yellow brass
18	440	g'	a'	28.5	11	0.48	0.019	10	Yellow brass
19	415	f#'	g#'	31	12	0.6	0.024	16	Yellow brass
20	370	e'	f#'	34	13	0.6	0.024	16	Yellow brass
21	330	d'	e'	36	14	0.6	0.024	14	Yellow brass
22	294	c'	d'	39	15	0.6	0.024	13	Yellow brass
23	277	b	c#'	42	17	0.6	0.024	13	Yellow brass
24	247	a	b	45	18	0.6	0.024	12	Yellow brass
25	220	g	a	48	19	0.6	0.024	11	Yellow brass
26	220	g	a	51	20	0.6	0.024	12	Yellow brass
27	208	f#	g#	54	21	0.8	0.032	22	Yellow brass
28	185	e	f#	57	22	0.8	0.032	20	Yellow brass
29	165	d	e	60	24	0.8	0.032	17	Yellow brass
30	147	c	d	63.5	25	0.8	0.032	15	Yellow brass
31	139	B	c#	67	26	0.8	0.032	15	Yellow brass
32	123	A	B	70	28	1	0.039	21	Yellow brass
33	110	G	A	73.5	29	1	0.039	18	Yellow brass
34	92	E (or D)	F# (or E)	77	30	1	0.039	14	Yellow brass

Total: 448



Lengths from reconstruction copy by Atelier Rumor, 2020

Check your string lengths before using this chart

This tuning is one note higher than modern standard pitch. It is meant to be understood at this higher pitch standard (A495), with sisters G

Alternatively it will sound at modern pitch standard (A440) as if the sisters were tuned to A, with c sharps on the harp.