

RESONATOR CAP DISTANCE PAGE						
Note	Frequency in Hertz	Top of Resonator to top of cap (in)	Note	Frequency in Hertz	Top of Resonator to top of cap (in)	72 degrees farenheight and 50% Humidity
C2	65.41	50.8	C5	523.25	5.9	
C#	69.29	47.9	C#	554.37	5.5	
D	73.42	45.2	D	587.33	4.9	
D#	77.78	42.6	D#	622.25	4.6	
E	82.41	40.1	E	659.26	4.3	
F	87.31	38.0	F	698.46	4.0	
F#	92.5	35.8	F#	739.99	3.7	
G	97.99	33.7	G	783.99	3.5	
G#	103.83	31.8	G#	830.61	3.2	
A	110	30.0	A	880	3.0	
A#	116.54	28.2	A#	932.33	2.8	
B	123.47	26.7	B	987.77	2.6	
C3	130.81	25.2	C6	1046.5	2.4	
C#	138.59	23.8	C#	1108.7	2.2	
D	146.83	22.4	D	1174.6	2.5	
D#	155.56	21.1	D#	1244.5	2.3	
E	164.81	19.9	E	1318.5	2.2	
F	174.61	18.7	F	1396.9	2.0	
F#	184.99	17.6	F#	1479.9	1.9	
G	195.99	16.6	G	1567.9	1.8	
G#	207.65	15.6	G#	1661.2	1.6	
A	220	14.7	A	1760	1.5	
A#	233.08	13.8	A#	1864.7	1.4	
B	246.94	13.0	B	1975.5	1.3	
C4	261.63	12.3	C7	2093	1.2	END OF MARIMBA KEYBOARD
C#	277.18	11.6	C#	2217.5	1.1	
D	293.66	10.9	D	2349.3	1.0	
D#	311.13	10.3	D#	2489	1.0	
E	329.63	9.7	E	2637	0.9	
F	349.23	9.1	F	2793.8	0.8	
F#	369.99	8.5	F#	2959.9	0.7	
G	391.99	8.0	G	3136	0.7	
G#	415.3	7.5	G#	3322.4	0.6	
A	440	7.1	A	3520	0.6	
A#	466.16	6.6	A#	3729.3	0.5	
B	493.88	6.2	B	3951.1	0.5	
			C8	4186	0.4	END OF XYLOPHONE KEYBOARD
						C4 is "Middle C"
						*Note that this chart is for A=440 instruments
						A=442 instruments will be about .25 inches shorter lengths