

Audiogram of the raccoon (*Procyon lotor*)

Data from: Wollack, C.H. (1965) Auditory thresholds in the raccoon (*Procyon lotor*). *Journal of Auditory Research*, 5, 139-144.

Absolute thresholds (in dB re 20 $\mu\text{N/m}^2$) for two raccoons (designated A and B)

Frequency (in kHz)	Individual Thresholds (in dB)		Average
	A	B	
.100	38	45	42
.200	15	13	14
.300	11	9	10
.500	9	2	6
1	-15	-10	-12.5
3	-8	-11	-10
5	1	-14	-6
7	-6	-10	-8
10	-8	-15	-11.5
20	0	1	0
30	12	26	19
40	32	—	??

Lowest and highest frequencies audible at sound pressure levels (SPL) ranging from 30 to 70 dB SPL

SPL (in dB)	Lowest audible frequency (in kHz)	Highest audible frequency (in kHz)
70	—	—
60	—	—
50	.082	—
40	.104	—
30	.134	38

Additional Parameters:

Body weight = 10 kg

Functional interaural distance = 320 μs

(Time required for sound to travel around the head from one auditory meatus to the other.)

Comments: Threshold values taken from Wollack, 1965.