

Audiogram of the wood rat (*Neotoma floridana*)

Data from: Heffner, H.E., and Heffner, R.S. (1985) Hearing in two cricetid rodents: Wood rat (*Neotoma floridana* and grasshopper mouse (*Onychomys leucogaster*). *Journal of Comparative Psychology*, 99, 275-288.

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

Frequency (in kHz)	Individual Thresholds (in dB)		Average
	A	B	
.500	80	78	79
1	50	66	58
2	32	45	38.5
4	16	19	17.5
8	-3	-3	-3
16	9	2	5.5
32	16	19	17.5
45	38	42	40
64	63	79	71
76	73	—	—

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	.680	64
60	.940	56
50	1.340	51
40	1.920	45
30	2.8	37

Additional Parameters:

Body weight = 350 g

Functional interaural distance = 115 μs

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

Comments: Threshold values taken from original data.