

Audiogram of the least weasel (*Mustela nivalis*)

Data from: Heffner, R.S., and Heffner, H.E. (1985) Hearing in mammals: The least weasel. *Journal of Mammalogy*, 66, 745-755.

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

Frequency (in kHz)	Individual Thresholds (in dB)		Average
	A	B	
.016	89	69	79
.0315	73	60	66.5
.063	62	52	57
.090	56	43	49.5
.125	46	44	45
.250	27	35	31
.500	17	18	17.5
1	2	-2	0
2	-8	-8	-8
4	6	2	4
8	1	7	4
16	1	-1.5	0
32	6	10	8
45	6	20	13
64	68	70	69

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	.026	64
60	.050	60
50	.087	56
40	.160	52
30	.255	49.5

Additional Parameters:

Body weight = 45 g

Functional interaural distance = 76 μs

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

Comments: Threshold values taken from original data.