

Echolocation: Mystery Topography

Station	Distance to Station 1 (miles)	Echo Time (seconds)
1	0.00	2.70
2	0.50	2.42
3	1.25	2.84
4	2.00	2.84
5	2.80	2.77
6	3.75	3.13
7	4.60	3.55
8	5.00	3.55
9	5.40	3.55
10	6.40	3.70
11	7.00	4.27
12	7.50	6.40
13	7.70	5.69
14	8.25	6.68
15	8.60	6.26
16	9.10	5.69
17	9.30	4.27
18	9.50	4.27
19	9.90	7.82
20	10.50	10.66
21	10.80	9.24
22	11.25	7.82
23	11.75	7.89
24	12.25	10.38
25	12.75	11.37
26	13.25	12.80
27	13.75	12.09
28	14.55	13.65
29	15.00	12.23
30	15.75	11.73
31	16.10	8.71
32	16.40	6.26
33	16.80	6.40
34	17.25	6.47
35	17.50	6.40
36	17.80	6.54
37	18.25	6.40

Height of Bats (English)

10,000 feet above sea level

Height of Bats (Metric)

3,048 meters above sea level

Speed of Sound in Air (English)

1,125 feet / second

Speed of Sound in Air (Metric)

343 meters / second