THE-dB-SPL-CHART.

dB: Decibels (A-Weighting)
SPL: Sound-Pressure-Level.
Approximate Known Decibel/SPL values as of May, 2023.

Loudest Sound Recorded: 270 Decibels:
X-Ray Laser, Water-Jet.
(Credit: Claudiu Stan/Rutgers University Newark)

SQS-26 [Acitive] Sonar System
250+dB-SPL

Limit of 270dB-SPL Propagation in water before molecules collapse.

Seawolf - BQQ-5D Submarine Sonar System.
Classified [Active] Sonar.

AN/SQQ-89A Combat Sonar System
Classified [Active] Sonar.

Limit of 194dB-SPL Propagation in air before molecules collapse.

270dB
260dB
250dB
240dB
230dB
220dB
210dB
Water
Air
200dB
Instant Death
190dB
Death-in-seconds
180dB
Organ-Rupture, embolisms & pulmonary-contusions
170dB
Auditory-Periphery-Perforation
160dB
150dB
Eardrum-Rupture-Threshold
140dB
130dB
Human-Pain-Threshold
120dB
110dB
100dB
90dB
Perception-of-Loud
80dB
70dB
60dB
50dB
40dB
Perception-of-Quiet
30dB
20dB
10dB
0dB
Human-Hearing-Theshold
-10dB
-23dB
Quietest theoretical sound on earth known: Brownian-Motion: -23dB-SPL
Mechanical-Atomic-Breath (Unknown)

Orfield Labs -9.4dB-SPL

Microsoft B87 Labs -20.6dB-SPL

: Shannon-Robert: d-B.
May-23.