

Sound Pressure Levels From Various Equipment Rolling Stock

 <p>John Deere Mower F935 (blades running)</p> <p>Sound Pressure Level (dBA) 95.8dBA</p> <p>L-Max Result 99.5dBA</p> <p>Hearing Protection Recommended YES</p>	<h1>Sound Pressure Levels From Various Equipment Rolling Stock</h1>		 <p>Bobcat 763 with sweeper attachment</p> <p>Sound Pressure Level (dBA) 102.2dBA</p> <p>L-Max Result 112.5dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>John Deere Mower 72¹ Fastback rear discharge deck (with deck running)</p> <p>Sound Pressure Level (dBA) 95.2dBA</p> <p>L-Max Result 98.3dBA</p> <p>Hearing Protection Recommended YES</p>			 <p>Bandit Chipper 150 (idle RPM 800)</p> <p>Sound Pressure Level (dBA) 89.8dBA</p> <p>L-Max Result 94.5dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>Kubota Mower DHV T140N (blades running)</p> <p>Sound Pressure Level (dBA) 97.2dBA</p> <p>L-Max Result 101.8dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Bandit Chipper 150 (full throttle RPM 2500)</p> <p>Sound Pressure Level (dBA) 102.2dBA</p> <p>L-Max Result 103.7dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Case Backhoe 580 Super L (full throttle)</p> <p>Sound Pressure Level (dBA) 98.8dBA</p> <p>L-Max Result 99.8dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Bobcat 763 with brush attachment</p> <p>Sound Pressure Level (dBA) 103.4dBA</p> <p>L-Max Result 115.0dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>Kubota Mower T1670 (blades moving)</p> <p>Sound Pressure Level (dBA) 95.8dBA</p> <p>L-Max Result 99.6dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Bandit Chipper 90</p> <p>Sound Pressure Level (dBA) 94.3dBA</p> <p>L-Max Result 95.1dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Kawasaki Mute 2510</p> <p>Sound Pressure Level (dBA) 79.8dBA</p> <p>L-Max Result 81.7dBA</p> <p>Hearing Protection Recommended NO</p>	 <p>Power Wheel Barrow</p> <p>Sound Pressure Level (dBA) 98.4dBA</p> <p>L-Max Result 102.5dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>John Deere Mower 1425 Series II 4WD (with deck running)</p> <p>Sound Pressure Level (dBA) 91.0dBA</p> <p>L-Max Result 92.6dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>John Deere Loader 4520 400X (only tractor running)</p> <p>Sound Pressure Level (dBA) 93.3dBA</p> <p>L-Max Result 94.4dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Honda 4 Wheel Rancher</p> <p>Sound Pressure Level (dBA) 81.2dBA</p> <p>L-Max Result 84.5dBA</p> <p>Hearing Protection Recommended NO</p>	 <p>Outback Brush Cutter</p> <p>Sound Pressure Level (dBA) 88.5dBA</p> <p>L-Max Result 91.0dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>John Deere Mower 72¹ Fastback rear discharge deck (only tractor running)</p> <p>Sound Pressure Level (dBA) 88.1dBA</p> <p>L-Max Result 90.4dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>John Deere Loader 4520 400X (full mower running)</p> <p>Sound Pressure Level (dBA) 93.9dBA</p> <p>L-Max Result 95.0dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>John Deere Gator 4x2</p> <p>Sound Pressure Level (dBA) 84.7dBA</p> <p>L-Max Result 86.7dBA</p> <p>Hearing Protection Recommended NO</p>	 <p>MBW Cement Mixer</p> <p>Sound Pressure Level (dBA) 107.6dBA</p> <p>L-Max Result 112.5dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>Toro Ground Master 325D Powersteer</p> <p>Sound Pressure Level (dBA) 96.6dBA</p> <p>L-Max Result 99.7dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Rayco Diesel Stump Grinder (idle)</p> <p>Sound Pressure Level (dBA) 83.5dBA</p> <p>L-Max Result 90.4dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Log Splitter (operating)</p> <p>Sound Pressure Level (dBA) 97.9dBA</p> <p>L-Max Result 99.4dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Vermeer Stump Grinder 206</p> <p>Sound Pressure Level (dBA) 92.9dBA</p> <p>L-Max Result 94.1dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>Toro Ground Master 325D Powersteer (blades running)</p> <p>Sound Pressure Level (dBA) 99.1dBA</p> <p>L-Max Result 101.6dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Rayco Diesel Stump Grinder (full throttle)</p> <p>Sound Pressure Level (dBA) 102.1dBA</p> <p>L-Max Result 103.2dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Log Splitter (with log running through)</p> <p>Sound Pressure Level (dBA) 98.1dBA</p> <p>L-Max Result 99.0dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Vermeer Stump Grinder 206 (under load)</p> <p>Sound Pressure Level (dBA) 90.5dBA</p> <p>L-Max Result 92.5dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>John Deere 1435 with Agri Metal Blower</p> <p>Sound Pressure Level (dBA) 100.4dBA</p> <p>L-Max Result 101.6dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>MIOA Military Forklift inside cab, window open (idle)</p> <p>Sound Pressure Level (dBA) 72.4dBA</p> <p>L-Max Result 85.9dBA</p> <p>Hearing Protection Recommended NO</p>	 <p>Smoker Craft 18' 50 HP Merc Outboard</p> <p>Sound Pressure Level (dBA) 85.8dBA</p> <p>L-Max Result 87.5dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>Smoker Craft 18' 50 HP Merc Outboard</p> <p>Sound Pressure Level (dBA) 92.5dBA</p> <p>L-Max Result 94.8dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>John Deere Tractor F1145</p> <p>Sound Pressure Level (dBA) 94.2dBA</p> <p>L-Max Result 95.1dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>MIOA Military Forklift inside cab, window open (full throttle)</p> <p>Sound Pressure Level (dBA) 84.6dBA</p> <p>L-Max Result 94.5dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>CGMU Service Boat 676 (inboard motor (door open))</p> <p>Sound Pressure Level (dBA) 86.4dBA</p> <p>L-Max Result 89.2dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>CGMU Service Boat 676 (inboard motor (door open))</p> <p>Sound Pressure Level (dBA) 84.6dBA</p> <p>L-Max Result 86.1dBA</p> <p>Hearing Protection Recommended YES</p>
 <p>Dodge Ram 3500 (Diesel (blows cab))</p> <p>Sound Pressure Level (dBA) 76.1dBA</p> <p>L-Max Result 90.1dBA</p> <p>Hearing Protection Recommended NO</p>	 <p>CGMU Service Boat 676 (inboard motor (door open))</p> <p>Sound Pressure Level (dBA) 92.6dBA</p> <p>L-Max Result 93.7dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>CGMU Service Boat 676 (inboard motor (door open))</p> <p>Sound Pressure Level (dBA) 92.6dBA</p> <p>L-Max Result 93.7dBA</p> <p>Hearing Protection Recommended YES</p>	 <p>CGMU Service Boat 676 (inboard motor (door closed))</p> <p>Sound Pressure Level (dBA) 90.1dBA</p> <p>L-Max Result 90.5dBA</p> <p>Hearing Protection Recommended YES</p>

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Hearing protection requirements are based on the operating noise level of the equipment having a Sound Pressure Level in excess of 85 dBA or an L-Max Result in excess of 115 dBA.

¹Type 2 dosimeters carry an acceptable margin of error of +/- 2dB. This should be considered when interpreting results.

These readings were taken at Oregon Parks and Recreation locations. Readings may vary depending on use, location, age of equipment, and maintenance.