

# When the heat is on

The G-Shock Mudmaster is the only watch tough enough for America's bravest alpine firefighters

→ Nestled in the Methow Valley and surrounded by the alpine backdrop of the 500,000-acre North Cascades National Park lies the tiny town of Winthrop, Washington State. It's an untouched relic of America's Old West where, in 1883, prospectors arrived to search for gold. Its wooden sidewalks, hitching posts and saloons hint at its past, but its 400 current residents face the same threat to their livelihoods that first destroyed the town in 1893 — forest fires.

The pioneering spirit of Winthrop's early gold-rushers survived, however, and in 1939 the town became the first in the US to deploy smokejumpers. These small, elite teams have become the country's initial line of defence against wildfires, and parachute into the wilderness near flare-ups, before axes, chainsaws and crosscut saws are airdropped to them. Often enduring demanding 16-hour days and searing temperatures, the squads of between two to 20 men chop down trees in the fire's path to halt its spread. With accurate timekeeping, positioning and direction-finding the difference between life or death, North Cascades' jumpers trust the G-Shock GWG-1000 Mudmaster for their operations.

It's the only watch tough enough to survive the conditions. Gaskets where the crown meets the case surface and an airtight screw-lock structure stop mud and sawdust penetrating; its digital compass is vital to locate supplies; shock and vibration resistance mean it can be worn when operating chainsaws; and detailed readings on atmospheric pressure, temperature and altitude provide information on changes in weather.

It's also reliable enough to do the basics under pressure: solar power provides 23 months of continuous timekeeping; its mineral glass front and dual illuminator LED lighting ensure visibility even under the most

extreme conditions, plus it weighs only 100g so it's comfortable to wear.

"Never Give Up" is G-Shock's philosophy and, since 1983, Casio's mission has been to use the latest technology to build unbreakable watches that resist the harshest natural elements. The Mudmaster is just one timepiece in G-Shock's new Master of G collection, all built to withstand punishing conditions across land, sea and air. Whether you're an ambitious weekend adventurer, a dedicated member of the emergency services, or even a firefighter in North Cascades, G-Shock can always be relied upon. Available from Goldsmiths stores and online; [g-shock.co.uk](http://g-shock.co.uk)

Right: North Cascades' smokejumpers chop down trees to stop forest fires from spreading  
Below: The G-Shock Mudmaster is built to function in extreme conditions



## G-Shock GWG-1000 Mudmaster

Weight: 100g | Barometer: 260 hPa to 1,100 hPa | Water resistance: 200m  
Dropping shock resistance: 10m | Altimeter range: -700m-10,000m  
Case size: 59.5mm x 56.1mm x 18mm

**SAPPHIRE CRYSTAL**  
Clear, scratch-resistant sapphire crystal ensures excellent visibility

**DUST-PROOF CROWN**  
The crown is protected by an airtight screw-lock structure, with gaskets installed at points where it meets the surface of the case

**MUD-RESISTANT BUTTONS**  
The cylindrical button shafts are fitted with gasket linings and pipes to stop mud and dust entering and to absorb shocks. Air vents positioned in the base of the shafts also prevent malfunctions due to any change in air pressure

**VIBRATION-RESISTANT STRUCTURE**  
Alpha Gel soft silicone is packed under and around the watch to protect it from damage caused by vibrations. Washers securing the lug screws prevent vibrations from loosening the band

**DOUBLE LED LIGHTS**  
Two LEDs illuminate the dial, while phosphorescence applied to the hour and minute hands and large hour markers make the watch clearly readable in low light conditions

**COMPASS NEEDLE**  
Carbon material with low-specific gravity has made it possible to enlarge the second hand, which operates as a compass needle when used in conjunction with the digital display

**TRIPLE SENSOR**  
The altimeter, barometer and thermometer display accurate data on height, atmospheric pressure and temperature, while information is also shown in easy-to-read graphs and charts