# Earthquake Report: 2018.07.24
# M 5.6 Gorda (& USGS Seismicity 1918-2018 M ≥ 5.0)

| INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
|---|---|---|---|---|---|---|---|---|---|
| Shaking | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| Damage | None | None | None | Very slight | Light | Moderate | Moderate/ heavy | Heavy | Very heavy |
| Peak Acc | <0.17 | 0.17-1.4 | 1.4-3.9 | 3.9-9.2 | 9.2-18 | 18-34 | 34-65 | 65-124 | >124 |
| Peak Vel | <0.1 | 0.1-1.1 | 1.1-3.4 | 3.4-8.1 | 8.1-16 | 16 - 31 | 31-60 | 60-116 | >116 |

Peak Acc = Peak ground acceleration (g), Peak Vel = Peak ground velocity (cm/s)

Plate configuration for the Cascadia subduction zone (CSZ). The Juan de Fuca and Gorda plates are subducting northeastwardly oblique beneath the North America plate at ~36 mm/yr in the Humboldt Bay region. Paleoseismic core sites (marine and terrestrial) are plotted as circles.