

Earthquake Report: 2017.11.12

M 7.3 Iraq (& USGS Seismicity 1917-2017 M ≥ 6.5)

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USGS Google Earth

Depth to Slab (km)
0 50 100 150 200 250 300 350 400 450 500 550 600 650 700

Magnitude
8
7
6
5
4
3
2
1

Plate Boundaries
Divergent
Transform
Convergent
Other

Plate Motion
Normal Fault
Thrust Fault
Strike-Slip Fault

Top View
Side View
Side View

*Plate motion vectors obtained based on the direction of plate movement

| 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/a)

