# M 5.2, ILLINOIS

Origin Time: Fri 2008-04-18 09:37:00 UTC
Location: 38.45°N 87.89°W  Depth: 11 km

**PAGER**
**Version 7**
Created: 6 hrs, 9 mins after earthquake

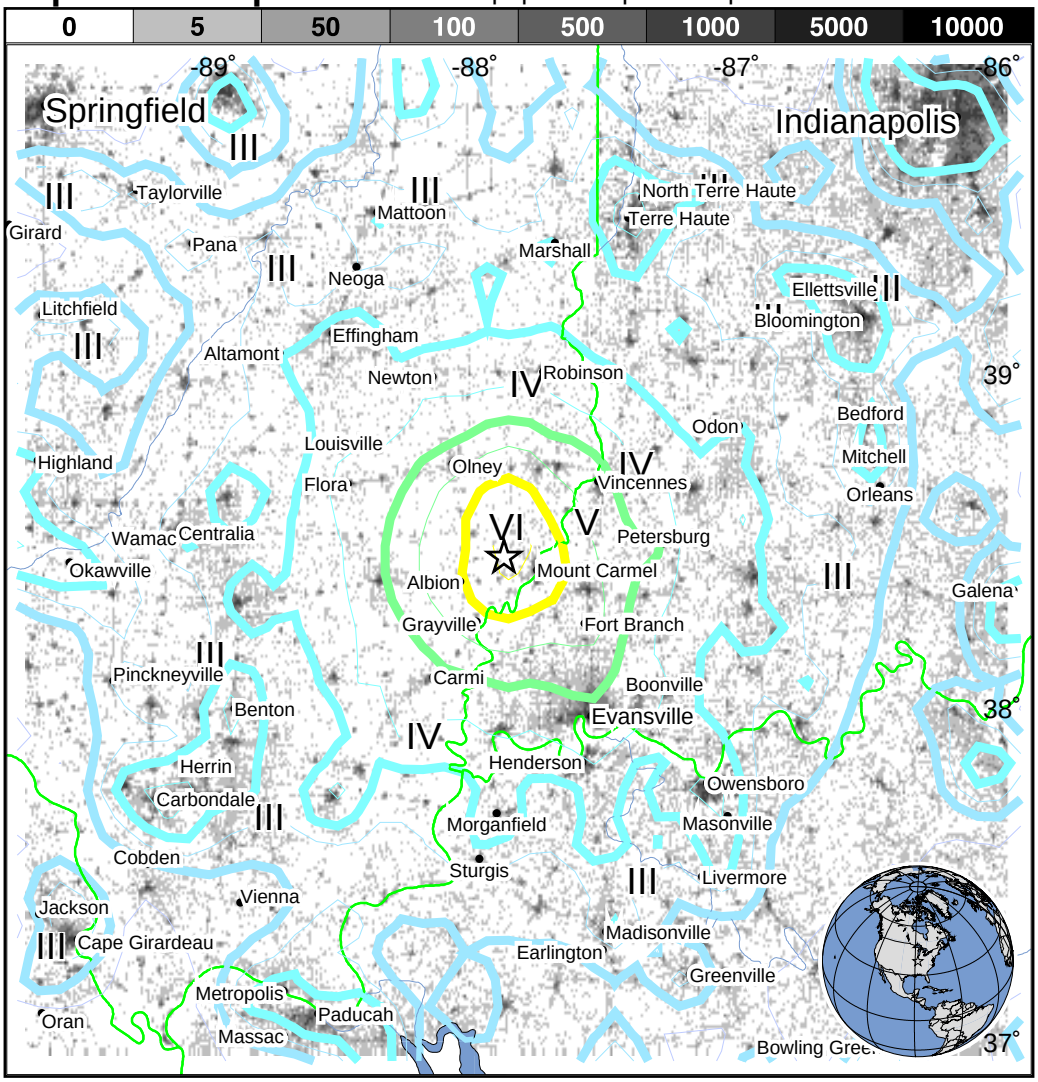
## Estimated Population Exposed to Earthquake Shaking

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ESTIMATED POPULATION EXPOSURE (k = x1000) | | 2k* | 1,565k* | 2,316k* | 135k | 19k | 0 | 0 | 0 | 0 |
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | none | none | none | V. Light | Light | Moderate | Moderate/Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | none | none | none | Light | Moderate | Moderate/Heavy | Heavy | V. Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

## Population Exposure

population per ~1 sq. km from Landscan 2005



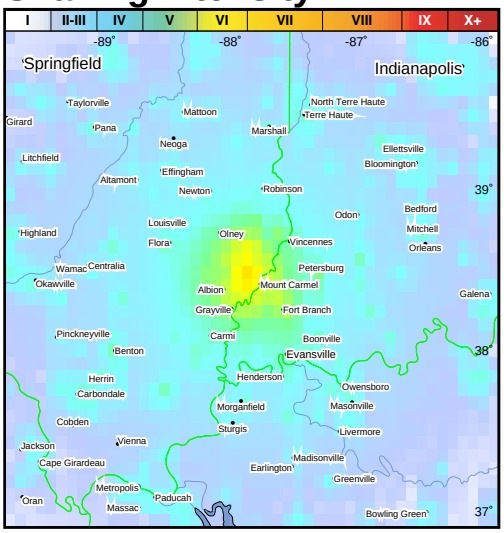

## Selected City Exposure

| MMI | City | Population |
|---|---|---|
| VI | **Mount Carmel** | **7k** |
| V | **Albion** | **1k** |
| V | **Fort Branch** | **2k** |
| V | Sumner | 1k |
| V | **Grayville** | **1k** |
| IV | **Evansville** | **115k** |
| IV | **Terre Haute** | **57k** |
| IV | Decatur | 77k |
| IV | **Bloomington** | **71k** |
| IV | **Indianapolis** | **773k** |
| II | **Springfield** | **115k** |

bold cities appear on map  (k = x1000)

## Shaking Intensity

MMI




Users should consider the preliminary nature of this information and check for updates as additional data becomes available. Population exposure estimates are NOT a direct estimate of earthquake damage; comparable shaking will result in significantly lower losses in regions with well built structures than in regions with vulnerable structures. Moderately damaging earthquakes strike somewhere in the Illinois Basin/Ozark Dome region each decade or two, and smaller earthquakes are felt about once or twice a year.

This information was automatically generated and has not been reviewed by a seismologist.