

U.S. Geological Survey - Earthquake Hazards Program

GeoJSON Summary Format

Description

GeoJSON is a format for encoding a variety of geographic data structures. A GeoJSON object may represent a geometry, a feature, or a collection of features. GeoJSON uses the [JSON standard](#). The GeoJSONP feed uses the same JSON response, but the GeoJSONP response is wrapped inside the function call, eqfeed_callback. See the [GeoJSON site](#) for more information.

This feed adheres to the USGS Earthquakes [Feed Life Cycle Policy](#).

Usage

GeoJSON is intended to be used as a programatic interface for applications.

Output

```
{
  type: "FeatureCollection",
  metadata: {
    generated: Long Integer,
    url: String,
    title: String,
    api: String,
    count: Integer,
    status: Integer
  },
}
```

Feeds

Past Hour

Updated every minute.

- [Significant Earthquakes](#)
- [M4.5+ Earthquakes](#)
- [M2.5+ Earthquakes](#)
- [M1.0+ Earthquakes](#)
- [All Earthquakes](#)

Past Day

Updated every minute.

- [Significant Earthquakes](#)
- [M4.5+ Earthquakes](#)
- [M2.5+ Earthquakes](#)
- [M1.0+ Earthquakes](#)
- [All Earthquakes](#)

Past 7 Days

Updated every minute.

- [Significant Earthquakes](#)
- [M4.5+ Earthquakes](#)
- [M2.5+ Earthquakes](#)
- [M1.0+ Earthquakes](#)
- [All Earthquakes](#)

```
bbox: [  
  minimum longitude,  
  minimum latitude,  
  minimum depth,  
  maximum longitude,  
  maximum latitude,  
  maximum depth  
,  
features: [  
  {  
    type: "Feature",  
    properties: {  
      mag: Decimal,  
      place: String,  
      time: Long Integer,  
      updated: Long Integer,  
      tz: Integer,  
      url: String,  
      detail: String,  
      felt: Integer,  
      cdi: Decimal,  
      mmi: Decimal,  
      alert: String,  
      status: String,  
      tsunami: Integer,  
      sig: Integer,  
      net: String,  
      code: String,  
      ids: String,  
      sources: String,  
      types: String,  
      nst: Integer,  
      dmin: Decimal,  
      rms: Decimal,
```

Past 30 Days

Updated every minute.

- [Significant Earthquakes](#)
- [M4.5+ Earthquakes](#)
- [M2.5+ Earthquakes](#)
- [M1.0+ Earthquakes](#)
- [All Earthquakes](#)

```
    gap: Decimal,  
    magType: String,  
    type: String  
  },  
  geometry: {  
    type: "Point",  
    coordinates: [  
      longitude,  
      latitude,  
      depth  
    ]  
  },  
  id: String  
},  
...  
]  
}
```