

ISC-GEM Global Instrumental Earthquake Catalogue Version 3.0 - released on 2016-01-28

The ISC-GEM Global Instrumental Earthquake Catalogue contains:

1. Earthquake origin date and time;
 2. Epicentre (Lat, Lon)
 3. Error ellipse parameters (smajax, sminax)
 4. Strike
 5. Epicentre quality (Epic q) : A (Highest) / B (Medium) / C (Lowest)
 6. Depth
 7. Depth Uncertainty
 8. Depth Quality : A (Highest) / B (Medium) / C (Lowest)
 9. Mw – Moment Magnitude
 10. Mw Uncertainty
 11. Mw Quality : A (Highest) / B (Medium) / C (Lowest)
 12. Source : P = proxy ; d = direct computation
 13. Scalar Moment (mo)
 14. Factor (fac)
 15. Scalar Moment author (mo_auth)
 16. mpp
 17. Mpr
 18. Mrr
 19. Mrt
 20. Mtp
 21. Mtt
- (16 – 21) 6 different moment tensor when available.

The Supplement to the Catalogue is provided in a separate file. The Supplement contains a list of those earthquakes for which poor data availability prevented the authors from performing a reliable determination of either the epicentre or the magnitude parameters or both. The supplement not converted to Shp due to poor data.

Contact information ISC : admin@isc.ac.uk

Contact Information OasisHUB : jose.fernandez@oasishub.uk

Copyright (C) 2016 GEM Foundation and International Seismological Centre You may use this work under the terms of the CC-BY-SA 3.0 (unported)
Document created by OasisHUB. T&C in website OasisHUB.uk