

## **REVISIONS RECORD 1.0**

### Global View of Great Earthquakes and Large Volcanic Eruptions Matched to Polar Drift and its Time Derivatives

*by Douglas W. Zbikowski*

Draft 1.0 posted on 7 March 2012

Draft 1.0 to 2.0 Changes:

1. Section 6 - In sentence one, 'the' was removed before 'Earth's'.
2. Section 9 - In sentence three, item (2) was added. The resulting sentence is more technically comprehensive. This addition necessitated labeling item (1).
3. Section 11 - In sentence one, '(tidal torque)' was added. The term was introduced here to prepare for repeated use in new section 11.1.
4. Section 11.1. was inserted. This evidential explanation for the 2010.1 acceleration peak was realized and developed. Notes 8, 9, 10, and 11 were added, so subsequent notes were all incremented.
5. Section 12 - After sentence three, a sentence was inserted to caution against implying global seismic energy levels from drift speed. A transitional phrase was added to precede the last sentence.
6. Figure 4 was changed. The new version has a slightly different ARIMA projection. Using our latest revision of R and our best platform, this projection was both duplicated and more consistent with the acceleration projection, and so was deemed the best result.
7. Section 16 - Sentence three and four modified, and a new sentence inserted between; all for clarification regarding the kinematics of bulge migration.
8. Section 19 - In sentences two and five, 'tidal' was substituted for 'gravitational', for consistency subsequent to new section 11.1.
9. Sections 20.1–20.5 were inserted. These discussion items were added to address issues raised by reviewers.
10. Section 21 - Clarify sentence one. Sentence three reworded.
11. Section 22 - Note format revised.

Draft 2.0 posted on 19 April 2012

*19 April 2012 rev. / DWZ*