

REVISIONS RECORD 4.0

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

by Douglas W. Zbikowski

Draft 2.2 posted on 23 May 2012

Draft 2.2 to 2.3 Changes:

1. Section 1 - In last sentence, 'is' was replaced by 'appears to be' for accuracy.
2. Section 2 - In sentence two, 'secular deformations (e.g. post-glacial rebound, orogenic upheavals), and periodic deformations (e.g. Earth tides, atmospheric or oceanic loading).' was added after 'tectonics' for completeness.
3. Section 11.1 - Starting with sentence four, the dates: Dec 21, Jan 3, Jan 15, Dec 31, and Jan 1 are expressed as decimal fractions (in parentheses) in the respective years for ease of interpretation.
4. Section 12 - In sentence two, insert 'Our' before 'projections' for specificity.
5. Section 13 - In the last sentence, 'potential site' was replaced by 'location of interest' for clarity.
6. Section 17 - In sentence three, 'figure' was replaced with 'Figure'.
7. Section 18 - In the second to the last sentence, 'eruption nucleation is' was replaced with 'eruptions are controlled by many widely diverse parameters making eruption nucleation' for improved explanation.
8. Section 19 - After sentence one, insert a new sentence two: 'Of course, eight events is not a large enough data set for a valid statistical analysis, making this correlation suggestive only.' In sentence three, 'figure' was replaced with 'Figure'.
9. Section 20.2 - In sentence six, after 'peak' inserted 'of 2010.1' and replaced 'section' with 'Section'. In sentence eight, the remainder of the sentence after '1930' was replaced with 'suggest an average lag of 9.2 years, as discussed (Section [19]).' In the last sentence, replace 'section' with 'Section'.
10. Section 20.5 - In sentence one, replaced 'indicate' with 'hint' for accuracy. In sentences three, five, and eight 'figure' or 'figures' was capitalized.
11. Acknowledgments - Changed spelling from variant 'Acknowledgements' to 'Acknowledgments', inserted 'in Statistics' after 'candidate' and added, "Daniel S. Helman, MS candidate in Geology at CSULB, for comments;".
12. Lastly, all Section numbers and their references were re-ordered, integrally.

Draft 2.3 posted on 28 Oct 2012

27 Oct 2012 rev. / DWZ