

Title	Geological evidence for the start of Noah's Flood
Topic/Field	earth and environmental sciences
Target audience	Professionals / General /
<p><i>...by his knowledge the deeps broke open... (Proverbs 3:20a ESV)</i></p> <p><i>In the six hundredth year of Noah's life, in the second month, on the seventeenth day of the month, on that day all the fountains of the great deep burst forth, and the windows of the heavens were opened (Genesis 7:11 ESV).</i></p> <p><i>And rain fell upon the earth forty days and forty nights (Genesis 7: 12 ESV) .</i></p> <p>The first two verses indicate breaking open, while the third verse refers to enormous rain.</p> <p>Fragmentation</p> <p>'Deeps were divided' and 'springs of the great deep burst forth' may imply rifting and fracturing of the Earth's crust. This can be correlated with Neoproterozoic (late Precambrian) breakup of a supercontinent including the Cordilleran and Appalachian margins of North America (Dickens 2018b).</p> <p>Continental breakup occurred more or less simultaneously at about 0.6 Ga along the Appalachian and Cordilleran margins (Bond <i>et al.</i>, 1984). There is a worldwide 0.6 Ga cluster of radiometric dates from detrital zircons (Voice <i>et al.</i> 2011) and this was related to the start of the Flood (Dickens, 2018). Radiometric "ages" are used in this abstract in a relative time order sense and not accepted in an absolute time sense. I accept a biblical date for the Flood of ~4,500 years ago.</p> <p>Another breakup example is the western margin of SW Australia which formerly bordered Greater India. I consider that the vicinity of the 1,000 km long Darling Fault Zone in SW Australia is an example where hydrothermal fountains of the great deep broke open, at the beginning of Noah's Flood (Dickens 2018a).</p> <p>A regionally extensive and major hydrothermal event is indicated by:</p> <ul style="list-style-type: none"> • Thermal resetting of Archean granite radiometric dates to Neoproterozoic values • Alteration of biotite mica to chlorite • A conductivity anomaly penetrating to the upper mantle is evidence for water within the fault zone. <p>Enormous rain: erosion, detritus flow and deposition</p> <p>Flowing water can powerfully erode even hard crystalline rocks. The modern-day canyon formed in the spillway of California's Oroville Dam demonstrates that water is powerful enough to rapidly erode even hard crystalline rock (Walker, 2017).</p> <p>On the craton, in the vicinity of the Grand Canyon's Great Unconformity, kilometers deep Neoproterozoic erosion of hard crystalline basement rocks (granite and schist) has been estimated (McDannell <i>et al.</i>, 2022; DeLucia <i>et al.</i>, 2018). This is consistent with a significant missing Neoproterozoic stratigraphic section. The Great Unconformity is a surface where pre-existing topography has been peneplaned.</p>	

However, to the west on the continental margin there is a significant kilometers-thick section of Neoproterozoic detritus. Detrital zircons indicate transport of detritus in that direction. Thus, the erosion of the craton and transport of detritus to the western margin is consistent with the effect of the early Flood's enormous rain.

Beginning in the Neoproterozoic there was a huge increase of sedimentation consistent with deposition associated with the stupendous early Flood rain.

Conclusion

There is strong evidence that the start of Noah's Flood transformed the surface of the Earth.

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Author's organization and appointment	Independent scholar (Private capacity for Creation papers and presentations). Senior geologist in a Geological Survey

Curriculum Vitae

Harry Dickens (pseudonym) has more than 35 years' experience in petroleum and mineral exploration. He has worked in industry, government, and university institutions, and currently works as a geologist for a geological survey.

Have delivered presentations and done fieldwork in Asia, Australia, North America, and the UK. Qualifications in geology, geophysics, and gemmology.

With a biblical worldview in mind, have written in a private capacity on rapid petroleum formation, the effects of Noah's Flood (fountains, chemistry, erosion, and deposition) and on Precambrian geology (including banded iron formations).

Have contributed to *Journal of Creation*, *Answers Research Journal*, *Origin Research Journal*, *Bible Creation Trust*, *International Conferences on Creationism* (ICC) 2018 and 2023, *Creation Geology Society*.

He was invited to make a book from his ICC-2023 paper: Dickens, H. 2024. *Receding Noah's Flood as trigger for seafloor spreading. Receding Then Spreading (RTS) Flood Model*. Lambert Academic Publishing. ISBN: 978-620-6-15135-7.

Harry has been secretary of Perth South Gideons group in Australia.