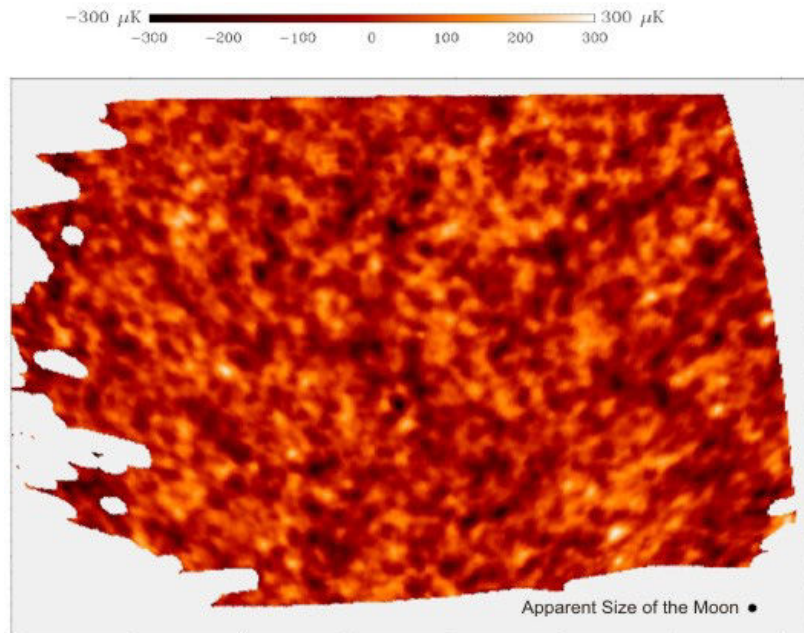


St. Hildegard of Bingen (1098-1179) the 35th Doctor of the Church (II)

The Outer Layer of Plasma Confirmed by Modern Science



At the beginning of the second millennium stood a woman gifted with insight into Cosmology. The woman was **Hildegard von Bingen**, the eleventh century German mystic and Benedictine Abbess whom some call “The most gifted woman of the epoch.” St. Hildegard received a series of mystical visions concerning the cosmos beginning in childhood, which became more intense in her forties. Her main visions are divided into three eras: *Scivias* (1152-1158); *The Book of Life’s Merits* (1158-1163); and finally *The Book of Divine Works* (1163-1173). The book’s contents have been reproduced and analyzed by Dr. Helmut Posch in the book titled, “The World According to Hildegard von Bingen”

In Hildegard’s visions we find one of the most remarkable treatises on cosmology ever told. It answers many of the questions with which modern science has struggled but failed to obtain satisfying solutions. She explains the nature of gravity, the nature of space and its makeup, the nature of light and inertia. Her understanding of the cosmos advances well beyond both her ancient and modern counterparts. All this raises the question of how this simple woman could have known the nature of the cosmos. So elaborate and advanced is Hildegard’s model of the universe that we are compelled to accept that **it came totally from divine sources**. She studied neither atoms nor gravity, yet she seems to know about both, and many other related issues, in ways at which even a modern scientist would marvel. St. Hildegard was exhorted and authorized to publish her writings by Pope Eugenius III (1145-1153) after he had commissioned Albero of Chiny, the bishop of Verdun, to investigate her writings. Hildegard’s immediate clerical authority in Mainz, Bishop Heinrich, pronounced **her visions as having divine origin**. As her fame spread far and wide, many prominent clerics and layman sought her wisdom,

including St. Bernard of Clairvaux, St. Elizabeth of Schoenau, the emperor Frederick Barbarossa, King Conrad III, and dozens of archbishops and bishops throughout Europe.

To begin, Hildegard's visions revealed that the universe is finite and spherical. Surrounding the Earth are **six spherical layers**, composed either of fire, water or air. The two outer layers are composed of fire. St. Peter says: "But by the same word the heavens and Earth that now exist have been stored up for fire, being kept until the day of judgment...the heavens will pass away with a loud noise, and the elements will be dissolved with fire, and the Earth and the works that are upon it will be burned up" (2Pt 3:7,10). The source of this destructive energy is Hildegard's outer layer of "fire."

The original mass of fire, is at the outer recesses of the universe, its heat is very intense. Interestingly enough, modern science may have received a glimpse of this layer. In December 1998 a team of international cosmologists sent up the BOOMERANG (Balloon Observation of Millimetric Extragalactic Radiation and Geophysics) telescope over Antarctica for ten days. It took pictures of the cosmic microwave background radiation as it would appear at the edge of the universe. The picture shows what looks like a **mass of fire or plasma**, evenly dispersed throughout the universe.: "In this picture, we see the distant universe as it makes its transition from a glowing **2700°C** plasma to a perfectly transparent gas....BOOMERANG is the first telescope with the resolution and sensitivity required to image these..."

As *Scientific American* reports: "follow up studies showed that the universe is in fact spherical ; that the plasma contained surprisingly many sub-atomic particles". Goddard Space Flight Center headed by Alexander Kashlinsky discovered the same "strange background glow". *Discover* writes: Kashlinsky and his team at Goddard examined a deep-exposure image of a patch of sky taken by NASA's orbiting Spitzer Space Telescope and then subtracted the light from all the evident stars and galaxies. What was left was a dim **background glow never seen before**.

The scientific evidence does support Hildegard's spherical universe with the hot plasma she says resides at its outer layers. According to Hildegard, the ether and water layers beneath it cool the high temperatures created by the plasma. As Hildegard puts it: "(...) these cosmic waters "are in their own state, different than the lower waters [on Earth]." The water nearest the fires is as hot as 3500° Kelvin . (ICA)