

Antareeksha Shāntih! Ramāyana prayer effect on Ozone layer depletion

*There was no fear of fire hazards or cyclones, typhoons,
heat waves, cold waves, fevers, or contagious diseases,
no shortage of food, or fear of thieves or bandits during
the righteous rule of Lord Rama.*

- *Shatashloki Vālmiki Ramayana (Verse 90)*

Ozone depletion describes two distinct but related phenomena observed since the late 1970s: a steady decline of about 4% per decade in the total volume of ozone in the Earth's stratosphere (the ozone layer), and a much larger springtime decrease in stratospheric ozone over the Earth's Polar Regions. The latter phenomenon is referred to as the ozone hole. The ozone layer in the upper atmosphere is the key filter for damaging ultraviolet-B (UV-B) radiation contained in the Sun's rays. Without this filter, organisms suffer extensive DNA damage, which in humans results in a greater increase in the risk of skin cancer, eye cataracts, and defects in the body's immune system. Increased UV-B can also lead to reduced crop yield and disruptions in the life cycle of marine creatures. The "hole" is designated as the area where the total ozone concentration is below 220 Dobson Units (DU, a measure of thickness). During 2011, there were two Ozone holes recorded with greater magnitude and size than what was the average for the previous decade (Ozone Hole, 2011). The edge of the ozone hole passed over the tip of South America around October 2011. Ozone levels are down as much as 40% over South America (The Ozone Hole Reaches South America, 2011). Several International Agencies observing Ozone Depletion Counter Measures since 1974 such as Montreal Protocol; Tax imposed for ozone depleting substances; Ozone friendly substitutes- HCFC and Recycle of CFCs and Halons.

Prayer is one of the oldest activities of mankind. For the purpose of healing Mother Earth, Sri Ganapati Sachchidananda Swamiji (Sri Swamiji) has launched the Shatashloki Ramayana (a synopsis in 100 verses, of the oldest Indian scripture and literary epic, The Ramayana) as an Audio-Visual prayer video on social media sites such as Youtube.com and Vimeo.com in the months of August 2011, and October 2011 respectively (Swamiji, 2011). There were multi-million plays of this prayer video by thousands of people from more than 100 countries on World Wide Web space.

The process of formation of an Ozone hole and its shrinkage is a part of the natural phenomenon every year. However, in 2011 the occurrence was more intense. The Ozone holes were filled by an

increase in the Ozone content, by early December 2011. These holes were covered by increased Ozone levels which had gone up to 250 DU, exceeding the required protective levels (Ozone Hole Watch, 2011).

The facts stated above were correlating with the launch dates and the view count of Shatashloki Ramayana prayer video online. This may be just a statistical correlation, but there have been many scientific and empirical evidences on positive effects of prayer on human physiology (Luciano Bernardi, 2001), molecules of water (The Power of Prayer Made Visible, 2000), and on the environment (Barber, 2000). Now, we have made an attempt to prove this correlation through Fast Fourier Transform (FFT) Spectral Analysis of these prayer sound vibrations with Ozone content variability. We are setting out, all of us, to heal an entire planet through the application of forces that were previously considered as miracles. But yesterday's miracle is today's science (Barber, 2000). Also we have a quantum-physical worldview that no longer contradicts the reality of telekinesis: a scientific worldview in which shape shifting, scientific prayer, and the Isaiah effect are no longer outside the realm of scientific possibility (Wolfe, 1988).

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