

## Scientific Study Shows Solar Activity Affects the Physical & Mental State of Humans

A study published in the New-Scientist recently, indicates a direct connection between the Sun's solar storms & biological effects on humans.

In 2006 Tesla's outlined the connection between our Sun's solar flare charged particles & its effect on animals, humans & the Earth in the book 'So Now You Know Whats Happening'.

**The New-Scientist article:** *"Many animals can sense the Earth's magnetic field, so why not people, asks Oleg Shumilov of the Institute of North Industrial Ecology Problems in Russia. Oleg Shumilov looked at activity in the Earth's geomagnetic field from 1948 to 1997 and found that it grouped into three seasonal peaks every year: one from March to May, another in July and the last in October. Surprisingly, he also found that the geomagnetism peaks matched up with peaks in the number of mood disorders i.e. depression, anxiety, bi-polar (mood swings) & even suicides in the northern Russian city of Kirovsk over the same period."*

**Kelly Posner, a psychiatrist at Columbia University in the US says** *"The most plausible explanation for the association between geomagnetic activity and depression and suicide is that geomagnetic storms can desynchronize melatonin production and circadian rhythms. The pineal gland which regulates melatonin production and circadian rhythm, is sensitive to magnetic fields. The circadian regulatory system depends upon repeated environmental cues to [synchronize] internal clocks. Magnetic fields may be one of these environmental cues."*

**NASA scientist Mei-Ching Fok**, an astrophysicist at NASA's Goddard Space Flight Center in Greenbelt, Md. has uncovered new details about how plasma from super-storms interact with Earth's magnetosphere.

\* **Melatonin** is a hormone secreted by the pineal gland (in the brain) which regulates other hormones. The **circadian rhythm** is an internal 24-hour time-keeping system that determines when we sleep & when we wake up.

The New-Scientist article now confirms what we at Tesla's have been saying since 2,000. "The Sun's charged particles & its influence on the Earth's magnetic field is the cause of many of Earth's environmental changes, as humans we also have magnetic fields which surround each of us, it's quite realistic to believe that what's happening externally is also happening internally. It's not just the earth which is shifting, but humans as well, thereby causing a change or transition."

Perhaps this is what the Mayan elders have been trying to tell us for centuries!

## Pipsqueak Star Unleashes Monster Flare

On April 25, 2008, NASA's satellite "Swift" carrying an Ultraviolet/Optical X-ray Telescope picked up a record-breaking flare from a star known as EV-Lacertae. This flare was thousands of times more powerful than the largest observed solar flare ever. The star remained bright in X-rays for 8 hours before settling back to normal.

A solar flare is an explosion of charged particles, & can devastate satellites, power grids, & the magnetic field around the Earth, humans & animals.

EV-Lacertae is called a red dwarf & has a mass between 0.08 & 0.4 times that of our Sun. Red dwarfs are quite plentiful in the Universe & this one is only 16 light-years away, making it one of our closest neighbors apart from our known Planets.

How could such a small star produce such a powerful flare? The answer is youth, EV-Lacertae is a toddler & spinning rapidly, whereas our sun is

middle-aged & has a slower rotation. The fast spin, produces a magnetic field that is much stronger than our sun's magnetic field. These giant flares come from the energy stored in its magnetic field.

NASA believes the charged particles from EV-Lacertae's solar flare affects the strength of solar flares from our sun thereby affecting Earth. Remember this event actually happened 16 years ago. Our Sun is 8 light-minutes away & it takes 24 to 48 hours for geomagnetic storms to reach Earth.



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For many years scientists have known that our sun gives off powerful explosions, known as sun spots & solar flares which go in cycles. These flares contain charged particles which are millions of times more energy than an atomic bomb.

During "Cycle 23" the world saw the largest solar flares ever recorded from our Sun. "Cycle 23", ended March 2007. The sun entered "Cycle 24" in August 2007, which **NASA** has predicted will be **50% stronger** than "Cycle 23", "Cycle 24" is due to peak between 2011/12. Over the next 4 years we can expect some whopper flares & therefore larger earth changing events such as more earthquakes, volcanoes & hurricanes etc. This also means we humans will be bombarded with even more charged particles than ever via the same geomagnetic storms from the Sun, hence more changes within us.

Our ancestors (Druids, Mayan & indigenous peoples) knew there was a connection between the Sun & other celestial events, which affected humans & animals on Earth.

As you know the charged particles from the Sun affects the Earth's weather, by affecting the Earth's magnetic field. Animals & humans have a magnetic field which surrounds them in a similar way as the magnetic field surrounds the Earth.

## So you've been feeling a little strange lately ???

Ancient texts & teachings in all forms from; the Bible, the Qur'an, the Dead-Sea Scrolls, the Hindu, the Cherokee, the Mohawk, the Buddhist, the Sumaerian's, the Hopi & of course the Mayan calendar, **all** tell us of the challenging times ahead as we adjust, into a new state of being.

**Change** is happening to our Earth in the form of ever increasing earthquakes, volcano's, tornado's, severe storms, heat-waves, freeze-waves, all manner of natural phenomena, celestial disturbances, & man-made trauma. Being instigated by charged particles from solar flares.

**Personal Conflict** is in the form of personal challenges, emotional, mental-anguish, grief, bewilderment, depression, rage, fatigue, anxiety & fear, as well as challenges to our physical health with the onset of new viruses & diseases.

We humans are at the **cross roads** & having to choose direction, venturing into the unknown & attempting to maintain our true integrity.

But it's the challenge to our character which will be the most difficult & the old saying "to thine own-self be true" has never been more appropriate than now & over the next few years.

Many of us may try to choose sameness, placing great effort into maintaining what appears normal & familiar, in an effort to experience a sense of safety & predictability.

We are **all** facing a **paradigm shift**, a form of metamorphosis.

The Hopi call this passage of time **The Great Purification** & everyone of us will face these personal challenges.

The Earth with all the weather changes, earthquakes & volcanoes etc is also going through a similar process.

- \* Every Sun flare & solar storm gives off charged particles far greater than the atomic bombs dropped on Hiroshima & Nagasaki.
- \* These Sun flares & solar storms have a direct reaction on our planet & our bodies.
- \* Do not think that everything thats happening to you mentally or physically is from the meal you just ate or the work stress you have just gone through.
- \* Your restless nights may be due to your **Melatonin** levels having been affected.
- \* Depression & *anxiety* may be due to your pineal gland affecting your **Melatonin** production.
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