

Mega-quakes, New Moon and Full Moon

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Abstract: *The Moon 'Attracts' a part of the Pacific Plate in the 'Opposite' direction. This is the reason why megathrust earthquakes have a direct connection with a new or full Moon. We researched megathrust earthquakes since 1700 and found strong evidence they happen more shortly before, during or in the days after full Moon. The main inducer is the connection between the magnetic field of the Earth and the Moon. There also seems to be a 'seasonality' in big earthquakes.*

Examples:

December 26, 2004. Full Moon 16:06:18 UTC

December 26, Indonesia Mw 9.1 – 9.3 at 00:58 UTC

March 28, 1964. Full Moon 03:48:18 UTC

March 28, Alaska Mw 9.2 at 03:36 UTC

November 2, 1952. Full Moon 12:09:42 UTC

November 4, Kamchatka Peninsula Mw 9.0 at 16:58 UTC

February 28, 2010. Full Moon 17:37:54 UTC

February 27, Chile Mw 8.8 at 06:36 UTC

March 25, 2005. Full Moon 21:58:30

March 28, Indonesia Mw 8.7 at 16:09 UTC

Some recent large quakes at or around full Moon:

Full Moon November 25, 2015 22:44 UTC

November 24, 2015 Mw 7.6 Central Peru 22:45:40 UTC (exactly at full Moon)

Full Moon November 25, 2015 22:45 UTC

November 24, 2015 Mw 7.6 Central Peru 22:50:54 UTC

Full Moon October 27, 2015 12:06 UTC

October 26, 2015 Mw 7.5 Hindu Kush Region, Afghanistan 09:09:32

Full Moon January 24, 2016 01:46 UTC

January 24, 2016 Mw 7.1 Southern Alaska 10:30:30.1 UTC

Parts of The Atlantic Ridge are Attracted in the Opposite Direction

Let us take the Atlantic Ridge opening. One of the parts is following the same direction of the Earth's rotation (west → east) and the other is being pushed in an opposite path. The opposite 'reverse' tectonic movement could be explained because the crust is thinner at the subduction in the ocean. A less 'dense' and 'floating' plate is easier to attract than a denser one. This gives a good reason for the Sun-Moon-Earth theory.

The Pacific Plate grinds northwestward past the North American Plate at a rate of about 5 centimeter or two inches per year. Parts of the San Andreas Fault system adapt to this movement by constant "creep", resulting in many tiny shocks and a few moderate Earth tremors. In other areas where creep is not constant, strain can build up for hundreds of years, producing great EQs when it finally releases. Most earthquakes occur on the edge of plates, especially where one plate is forced under another, as around Sumatra, or past another as occurs in California.

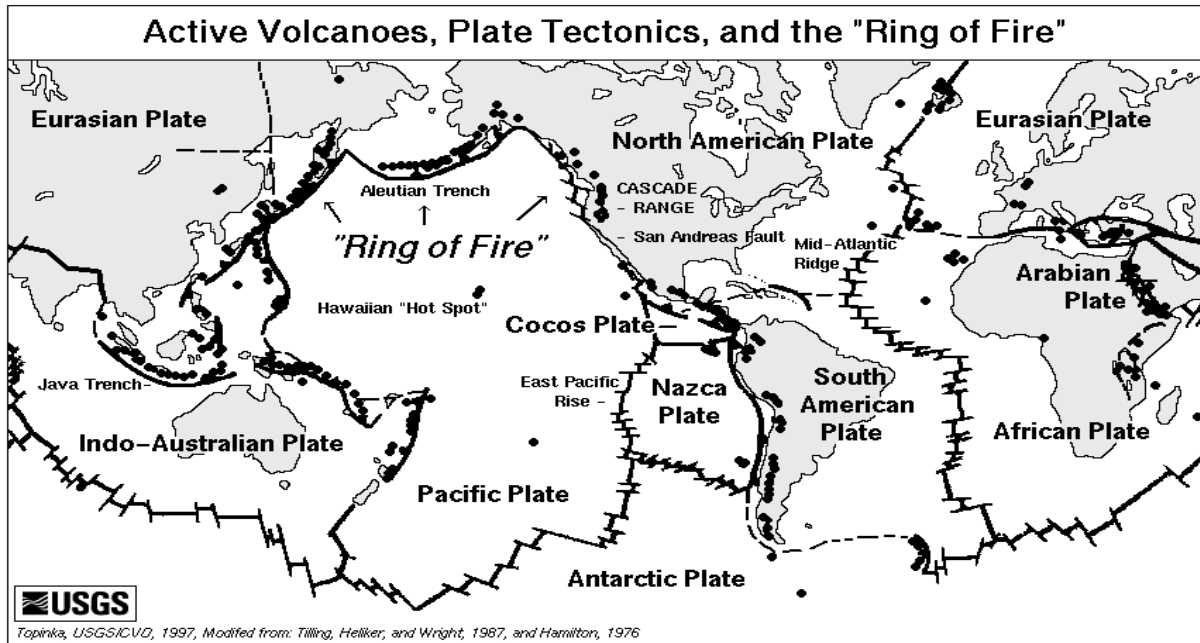


Figure 1. The Pacific Plate is the most vulnerable for megathrust earthquakes

The Sun-Moon-Earth 'Attraction' at New Moon

The picture below illustrates this effect. On the left is the new Moon aligned with the Sun.

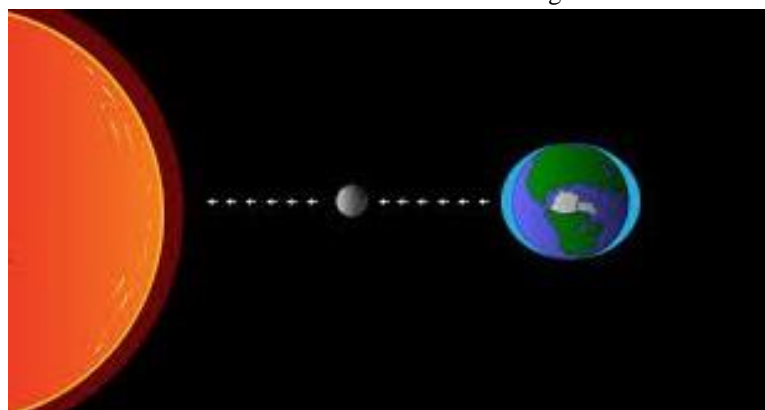


Figure 2. The attraction from a new Moon and the Sun is 'opposite' the Earth's direction.

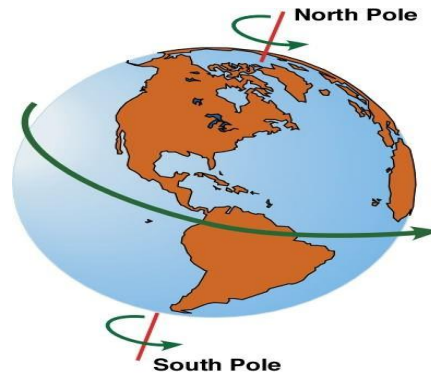


Figure 3. Earth's west-east direction rotation. Because the Earth is in a 23 degree angle, the cumulative effect from the Sun and new Moon means a 'pull' on the tectonic plates of the Earth. The Pacific Plate has the strongest attraction.

Tectonic movement in relation with the Sun-Moon gravitational 'pull'.

During a new Moon phase, the external forces from Moon and Sun act counter the movement of the Earth. This way it is possible to explain the tectonic plate movement 'opposite' the west-east direction. Even a small 'pull' can make a large contribution during a long time frame. An easy comparison would be weight gain. Say that you gain 5 gram a day while eating. This doesn't seem to be a lot, but after 20 years you gained 30 kilogram. If for instance the 'pull' of the Sun-Moon-Earth axis during new Moon is able to attract only 0.5 centimeter (0.2 inches) in the opposite direction from the tectonic plate, than we speak about 65 meters after 1,000 years. Is this outrageous? Consider this: The lunar surface experiences tides of around 10 centimeter (4 inches) amplitude over 27 days!

After hundreds of years, a lot of energy has accumulated. Depending from the structure of the crust and lithosphere, some plates are extremely vulnerable to shallow megathrust earthquakes and volcanic activity. Earth's response depends how much stress is stored and finally released with major or minor intensity.

Basic theory:

- 1) The Pacific Plate 'Floats' above the magma. So it moves less or more independent from the whole Earth.
- 2) A gravitational 'Pull' from the Moon has a direct influence.

How to do it?

- A) Calculate the weight of the Pacific Plate ocean.
- B) Calculate the weight of the Pacific Plate.
- C) Compare the movement of the ocean to the "pull" on the Pacific Plate.

Facts:

1. The average depth of the Pacific Plate = 4 km.
2. The oceanic crust is 5 kilometer (3 miles) to 10 kilometer (6 miles) thick. This is a only bit more than the ocean above it!
3. The crust is composed primarily of basalt, diabase and gabbro. If we put the density from the crust at 4.5:
 Depth crust 5 km = weight = 11.25 times weight of water
 Depth crust 10 km = weight = 22.5 times weight of water

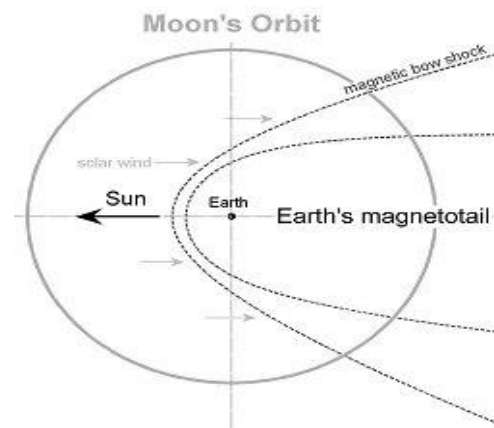
Who is able to make a basic calculation?

Full Moon and the Magnetotail

*Press release from Nasa on April 17, 2008: **EARTH'S MAGNETIC FIELD DOES STRANGE THINGS TO THE MOON** Our entire planet is enveloped in a bubble of magnetism, which springs from a molten dynamo in Earth's core. Out in space, the solar wind presses against this bubble and stretches it, creating a long "magnetotail" in the downwind direction. Anyone can tell when the Moon is inside the magnetotail. Just look: "If the Moon is full, it is inside the magnetotail," says Stubbs. "The Moon enters the magnetotail three days before it is full and takes about six days to cross and exit on the other side."*

During the crossing, the Moon comes in contact with a gigantic "plasma sheet" of hot charged particles trapped in the tail. The lightest and most mobile of these particles, electrons, pepper the Moon's surface and give the Moon a negative charge.

Right: Figure 4. The Moon's orbit crosses Earth's magnetotail



Solar Wind vs. Magnetotail: Earth's magnetotail isn't the only source of plasma to charge the Moon. Solar wind can provide charged particles, too; indeed, most of the time, the solar wind is the primary source. But when the Moon enters the magnetotail, the solar wind is pushed back and the plasma sheet takes over. The plasma sheet is about 10 times hotter than the solar wind and that gives it more "punch" when it comes to altering the charge balance of the Moon's surface. Two million degree electrons in the plasma sheet race around like crazy and many of them hit the Moon's surface. Solar wind electrons are relatively cool at only 140 thousand degrees, and fewer of them zip all the way down to the shadowed surface of the Moon's nightside.

Seasonality of Big Earthquakes

Herewith a list from the biggest earthquakes since 1900. The majority of these earthquakes happened in the Northern Hemisphere in the range January-March and those from the Southern in a broader range November-May.

Location	Date UTC	Magnitude
Chile	May 22, 1960	9.5
Alaska	March 28, 1964	9.2
Northern Sumatra	December 26, 2004	9.1
East Coast of Honshu, Japan	March 11, 2011	9.0
Kamchatka	November 4, 1952	9.0
Offshore Chile	February 27, 2010	8.8
Off Coast Ecuador	January 31, 1906	8.8
Alaska	February 4, 1965	8.7
Northern Sumatra	March 28, 2005	8.6
Tibet	August 15, 1950	8.6
West Coast Northern Sumatra	April 11, 2012	8.6
Alaska	March 9, 1957	8.6
Southern Sumatra	September 12, 2007	8.5
Banda Sea, Indonesia	February 1, 1938	8.5
Kamchatka	February 3, 1923	8.5
Chile - Argentina	November 11, 1922	8.5
Kuril Islands	October 13, 1963	8.5

The Basic Algorithms to Predict Earthquakes

Abstract: We found strong evidence for earthquakes induced by planetary Moon – Earth alignments. Therefore we researched the Planet and Planetoid Moon – Earth - Axis alignments from the 8 planets, Pluto and the planetoids Vesta, Ceres, Juno, Pallas and Chiron. 4 algorithms have been found to calculate if 6.0 plus earthquake activity is possible. First you need a geocentric connection with a planet or planetoid with the Sun. Secondly, if the same planet or planetoid has a Heliocentric connection with another planet or planetoid, a 6.5 plus quake can be triggered. Thirdly you need 3 planets (or a combination planet – planetoids) with the Moon – Earth axis, which also come back in a Triple alignment. A fourth algorithm gives the time frame in which the quake can happen. The strength from the quake depends from the strength of the alignments.

Strong Evidence for Earthquakes Induced by Heliocentric and Planetary Alignments

NASA Relevance

In 2008 NASA sent this headline into the world, “Magnetic Portals Connect to the Sun.” If we assume that the same principle can be applied for all the planets and also for five planetoids, then we find a surprising connection between planetary alignments and earthquakes. In short; Planetary alignments create certain magnetic inductions that are amplified by the magnetic field of the Sun and the Earth. With this principle we can calculate how and when earthquakes will be induced.

Highlights from the 2008 (October 30th) NASA article :

“During the time it takes you to read this article, something will happen high overhead that until recently many scientists didn't believe in. A magnetic portal will open, linking Earth to the sun 93 million miles away. Tons of high-energy particles may flow through the opening before it closes again, around the time you reach the end of the page. Researchers have long known that the Earth and sun must be connected. Earth's magnetosphere (the magnetic bubble that surrounds our planet) is filled with particles from the sun that arrive via the solar wind and penetrate the planet's magnetic defenses. They enter by following magnetic field lines that can be traced from terra firma all the way back to the sun's atmosphere.”

Heliocentric - Planetary Alignment Theory

- The Sun sends charged particles within the solar wind, this ‘loads’ the planets ‘up’. We include Pluto as a planet because the calculations show a huge effect from Pluto on the Sun and the Earth.
- The moon has no magnetic field, but has a big difference in polarity between the side that is looking to the Sun and the side looking away from the Sun. 3 days before full Moon the magnetotail from the Earth connects with the Moon which lasts till 6 days after full moon.
- When planets align...they send a kind of radio signal, probably a GSM-like signal.
- This radio signal is taken up by the magnetic field of the Sun and then made stronger, just like a GSM signal is made stronger when it reaches your apparatus.
- The portals that connect the Earth with the Sun are overwhelming proof of this principle.
- But also the magnetic field of the Earth reacts to these signals: When a signal reaches the Earth, her magnetic field empowers the signal: nearly instant earthquake.

Definition Alignments With the Planets & Planetoids:

- Two planets (or a planet – planetoid combination) that Heliocentrically align on the same side of the Sun: Conjunction and the Sun.
- Two planets (or a planet – planetoid combination) that Heliocentrically align on the opposite sides of the Sun: Opposition across the Sun.
- Triple Line Up: Any two planets, planetoids, or combinations, which Line Up. Remark: There can be quite a bit of difference in one day within these Triple Line Ups, due to fast Mercury that moves around 4 degrees a day, and Venus around 1.6 degrees a day.
- The Triple Line Up can be anywhere across the solar system – e.g. does not have to “go through” the Earth or the Sun. But they have to be in a straight line – Lined Up.
- The to be used ‘difference in degrees’ has to be estimated by a large scale program. With these differences we have a reasonable good result:
 - Opposition across the Sun: 3.5 degrees to each side from the midpoint.
 - Conjunction and the Sun: 3.5 degrees to each side from the midpoint.
 - Triple Line Up: 3.5 degrees to each side from the midpoint.

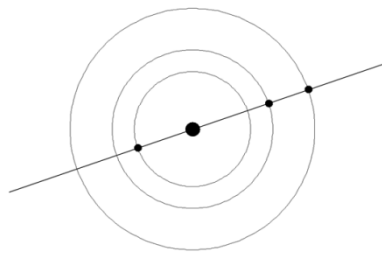


Figure 1: Here you see a combination from a Conjunction and the Sun, 2 Oppositions across the Sun and a 3 planet resonance (Triple Line Up). On the right Earth and Mars are in a Heliocentric Conjunction . Venus (on the left) is in a Heliocentric Opposition with the Earth and Mars at the same time.

Why the Planetoids?

Example 1: Pallas

Pallas is in a near -1:1 mean-motion orbital resonance with Ceres. Pallas also has a near-18:7 resonance (6500-year period) and an approximate 5:2 resonance (83-year period) with Jupiter.

Courtesy: Wikipedia

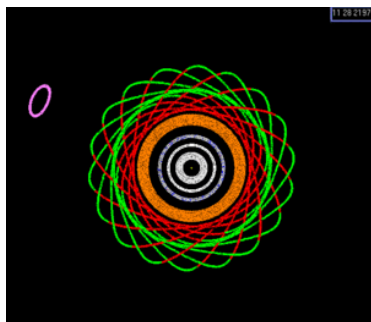


Figure 2: Depiction of asteroid Pallas 18:7 near resonance with Jupiter in a rotating frame . Jupiter (pink loop at upper left) is held nearly stationary. The shift in Pallas' orbital alignment relative to Jupiter increases steadily over time; it never reverses course (i.e., there is no libration).

Example 2: Chiron

Chiron is a body in transition, due to phase locking with both Saturn and Uranus. Its orbital period is a close match to the 7:12 resonance with Saturn and the 5:3 resonance with Uranus. It is engaged in a slow, but chaotic exchange of angular momentum involving Saturn and Uranus over a 50.42 year cycle at present. Chiron spends some of this cycle inside the orbit of Saturn, much as Pluto-Charon do inside Neptune's orbit at perihelion. In addition, Chiron accomplishes two orbital crossings of Saturn's orbit in each complete orbit. At aphelion, it approaches very close to the orbit of Uranus. This 50.42 year period of Chiron is not an exact discrete relation to either planetary resonance, but it is close enough, and the orbit is eccentric enough to allow for radical change caused by either a too close approach to Uranus or Saturn (Chiron and Other Transitional Solar System Bodies By William J. Priest).

Geocentric and Heliocentric Alignments and the Highest Earthquakes of the Day

Alignments With the Moon – Earth - Axis:

- A planet that aligns with the Moon on the same side of the Earth: Conjunction.
- A planet that aligns with the Moon on the opposite side of the Earth: Opposition.
- Other important alignments with the Moon - Earth axis: Trines, Sextiles, Squares.
- The to be used ‘difference in degrees’ has to be estimated by a large scale program. With these differences we have a reasonable good result:
 - Opposition across the Moon – Earth axis: 3.5 degrees to each side from the midpoint.
 - Conjunction and the Moon – Earth axis: 3.5 degrees to each side from the midpoint.

Alignments Needed for Higher Activity

- **A planet or planetoid which has a Geocentric alignment with the Sun.**
The most influential alignments are:
 - Squares.
 - Trines.
 - Sextiles.
- **To induce 6.5 plus activity you also need a Heliocentric connection:**
The most influential alignments are:
 - Squares.
 - Trines.
 - Sextiles.
- **3 planets (or a planet(s) – planetoid(s) combination) active at the same time with the Moon – Earth axis, and a corresponding Triple with the same code.** Quake activity depends from the strength of the Triple Line Up. Triples with Venus or Mercury lead to higher quake activity.
This can be considered one of the strongest Triples possible:
 - Triple Line Up Mercury – Venus – Neptune
 This can be considered one of the weakest Triples possible:
 - Triple Line Up Juno – Ceres – Pallas

Table of the Used Aspect Settings

Alignment	Orb	Angle	Influence
Conjunction	7	0.0	1
Opposition	7	180	0.8
Square	7	90	0.8
Trine	7	120	0.6
Sextile	6	60	0.6
Inconjunct	3	150	0.4
Semisextile	3	30	0.4
Semisquare	3	45	0.2
Sesquiquadrate	3	135	0.2
Quintile	2	72	0.2
Biquintile	2	144	0.2
Semiquintile	1	36	0.1
Septile	1	51.4285	0.1
Novile	1	40	0.1
Binovile	1	80	0.1
Bisepitile	1	102.857	0.1
Trisepitile	1	154.285	0.1
Quatronovile	1	160	0.1

Mega-quake at Full Moon on April 22, 2016?

April 22, 2016 FULL MOON April 22, 05:24 UTC

March 19 (04:30) – May 18 (17:00), 2016: Opposition Jupiter – Chiron across the sun
March 24 (09:15) – April 28 (19:00) , 2016: Opposition Jupiter – Ceres across the sun
March 31 (22:00) – April 29 (14:00), 2016: Triple Line Up Chiron – Ceres - Jupiter
April 4 (10:30) – 23 (05:00), 2016: Conjunction Chiron - Ceres and the Sun
April 7 (08:15) – 23 (18:00), 2016: Triple Line Up Chiron – Ceres - Venus
April 17 (05:30) – 23 (05:00), 2016: Triple Line Up Chiron – Ceres - Mercury
April 17 (10:00) – 30 (05:30), 2016: Triple Line Up Jupiter – Mercury – Chiron
April 19 (06:00) – 23 (19:30), 2016: Triple Line Up Jupiter – Mercury – Ceres
April 21 (07:20) – 24 (10:30), 2016: Triple Line Up Uranus – Venus – Earth
April 22 (08:00) – 23 (06:40), 2016: Opposition Mercury - Chiron across the sun
April 22 (10:30) – 23 (07:45), 2016: Conjunction Jupiter – Mercury and the Sun
April 22 (17:00) – 23 (17:00), 2016: Opposition Mercury - Ceres across the sun

The full alignments will be published after the earthquake has happened. The theory is quite complicated, and a lot of the crucial alignments change every 15 minutes.

Remark: If only 1 alignment doesn't make the connection, the magnitude will be diminished. Only a computer program can find this. There are too many possibilities.

Strong Evidence for Earthquakes Induced by a Full Moon

There was a full Moon on January 24, 2016 01: 46 UTC

January 24, 2016 FULL MOON : 01: 46 UTC

January 13 (20:30) – February 9 (10:30), 2016: Triple Line Up Juno – Pallas – Neptune
January 17 (06:30) - 27 (05:00), 2016: Triple Line Up Neptune – Venus – Mars
January 18 (09:30) – 25 (10:30) , 2016: Triple Line Up Juno – Mercury - Vesta
January 19 (18:30) – February 2 (12:30), 2016: Triple Line Up Pluto –Mercury – Earth
January 21 (23:00) – 28 (09:30), 2016: Triple Line Up Juno – Mars – Earth
January 22 (17:00) - 24 (12:30), 2016: Triple Line Up Mercury – Venus – Saturn
January 23 (22:00) – 24 (18:30) , 2016: Conjunction Mercury – Jupiter and the Sun HIGH: 08:12
January 24 (23:00) - 30 (02:00), 2016: Triple Line Up Neptune – Ceres - Mercury

January 24, 2016 Mw 7.1 SOUTHERN ALASKA 10:30:30.1 UTC FULL MOON : 01: 46 UTC

Geocentric activation via the Sun:

Geocentric Septile Saturn – Sun
Geocentric Semiquintile Neptune – Sun
Geocentric Semisquare Chiron – Sun
Geocentric Quintile Uranus – Sun

Triples in relation with the Geocentric Sun alignments:

The Geocentric Sun alignments activate this Opposition/ Conjunction:

January 23 (22:00) – 24 (18:30) , 2016: Conjunction Mercury – Jupiter and the Sun HIGH: 08:12

Planetary Geocentric alignments:

Geocentric Square Uranus – Pluto
Geocentric Square Uranus – Mercury
Geocentric Square Vesta – Mercury
Geocentric Trine Vesta - Saturn
Geocentric Trine Neptune – Mars - Juno
Geocentric Inconjunct Vesta – Juno
Geocentric Inconjunct Vesta – Mars
Geocentric Semisextile Uranus - Chiron
Geocentric Semisextile Venus – Pallas
Geocentric Semisextile Mars – Saturn
Geocentric Semisextile Juno – Saturn
Geocentric Semisextile Mercury – Saturn

These Moon – Earth alignments were active during the quake:

Inconjunct Neptune – Moon – Earth
Semisquare Jupiter – Moon – Earth
Quatronovile Ceres – Moon – Earth
Biquintile Venus – Moon – Earth

The Moon – Earth alignments activate these Triples:

The Moon – Earth alignments activate this Opposition / Conjunction:

Heliocentric Earth connections:

Square Vesta – Earth
Semisquare Mercury - Jupiter – Earth weak flashing
Sesquiquadrate Chiron - Earth
Biquintile Neptune – Earth
Sextile Mars – Earth
Binovile Juno – Earth
Bisextile Uranus – Earth
Inconjunct Ceres – Earth
Quatronovile Pluto – Earth

Special Heliocentric alignments:

Square Saturn – Neptune
Sextile Ceres - Vesta
Sextile Venus – Mercury – Jupiter flashing
Trine Jupiter – Pluto
Trine Mercury – Pluto
Inconjunct Vesta – Mars
Inconjunct Mars – Ceres
Semisextile Chiron – Uranus

The Heliocentric – Earth alignments activate these Triples:

January 18 (09:30) – 25 (10:30) , 2016: Triple Line Up Juno – Mercury – Vesta
January 21 (23:00) – 28 (09:30), 2016: Triple Line Up Juno – Mars – Earth
January 19 (18:30) – February 2 (12:30), 2016: Triple Line Up Pluto – Mercury – Earth
January 24 (23:00) - 30 (02:00), 2016: Triple Line Up Neptune – Ceres - Mercury

The Heliocentric – Earth alignments activate this Conjunction / Opposition:

January 23 (22:00) – 24 (18:30) , 2016: Conjunction Mercury – Jupiter and the Sun

Reason earthquake:

There is a strong Triple Pluto – Mercury – Earth . The quake happens just after the high of the Conjunction Mercury – Jupiter and the Sun.

There was no Opposition across the Sun, so the quake stayed in the lower high range.

There was a full Moon on November 25, 2015 22:45.

To make matters simple, we put here the basic alignments from the 6.0 plus quake on November 24, 2015

November 24, 2015

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun

November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

November 19 (18:00) – 29 (14:30), 2015: Triple Line Up Mercury – Jupiter – Ceres

November 22 (05:00) – December 1 (12:00), 2015: Opposition Neptune - Mars

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

November 23 (21:00) - 25 (19:30), 2015: Triple Line Up Mercury – Venus - Pluto

November 24 (00:00) – 26 (10:00), 2015: Triple Line Up Mercury – Saturn – Earth

November 24, 2015 Mw 6.0 PAGAN REG., N. MARIANA ISLANDS 13:21:36

These Moon – Earth alignments were active during the quake:

Quatronovile Sun – Moon – Earth

Biquintile Mars – Moon – Earth

Triseptile Venus – Moon – Earth

Quatronovile Juno – Moon – Earth

Triseptile Saturn – Moon – Earth

Trine Pluto – Moon – Earth

Semisquare Vesta – Moon – Earth

The Moon – Earth alignments activate these Triples:

None

The Moon – Earth alignments activate this Opposition / Conjunction:

None

Heliocentric Earth connections:

Sextile Venus – Earth flashing

Sesquiquadrate Juno – Earth

Sesquiquadrate Pluto – Earth

Semisquare Uranus – Earth flashing

Semisquare Vesta – Earth flashing

Quintile Chiron – Earth

Special Heliocentric alignments:

Novile Neptune - Vesta

Novile Neptune – Uranus

The Heliocentric – Earth alignments activate these Triples:

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

The Heliocentric – Earth alignments activate this Conjunction:

November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

Reason earthquake:

The Geocentric and Heliocentric connections activate the Triple Uranus – Venus – Earth .

No opposition was activated so the magnitude of the quake stayed remote.

Here you can see clearly the difference between the alignments on the 7.6 quake:

November 24, 2015

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun
November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun
November 19 (18:00) – 29 (14:30), 2015: Triple Line Up Mercury – Jupiter – Ceres
November 22 (05:00) – December 1 (12:00), 2015: Opposition Neptune - Mars
November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth
November 23 (21:00) - 25 (19:30), 2015: Triple Line Up Mercury – Venus - Pluto
November 24 (00:00) – 26 (10:00), 2015: Triple Line Up Mercury – Saturn – Earth

November 24, 2015 Mw 7.6 CENTRAL PERU 22:45:40

These Moon – Earth alignments were active during the quake:

Sextile Chiron – Moon – Earth
Quintile Neptune – Moon – Earth
Inconjunct Venus – Moon – Earth
Quatironovile Saturn – Mercury - Moon – Earth (one alignment)
Trine Jupiter – Moon – Earth
Septile Vesta – Moon – Earth
Semisextile Uranus – Moon – Earth
Biseptile Ceres- – Moon – Earth

The Moon – Earth alignments activate these Triples:

November 19 (18:00) – 29 (14:30), 2015: Triple Line Up Mercury – Jupiter – Ceres
November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth
November 24 (00:00) – 26 (10:00), 2015: Triple Line Up Mercury – Saturn – Earth

The Moon – Earth alignments activate this Opposition / Conjunction:

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun
November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

Heliocentric Earth connections:

Sextile Venus – Earth flashing
Sesquiquadrate Juno – Earth (middle)
Semisquare Uranus – Earth flashing
Semisquare Vesta – Earth flashing
Quintile Chiron – Earth

Special Heliocentric alignments:

Novile Neptune - Vesta
Novile Neptune – Uranus
Sextile Juno – Mercury
Square Juno – Pluto
Semisextile Pluto – Mercury
Quatironovile Pluto - Venus

The Heliocentric – Earth alignments activate these Triples:

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

The Heliocentric – Earth alignments activate this Conjunction:

November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

Reason earthquake:

1. The HIGH of the Triple Mercury – Venus - Pluto activates Mercury and Venus.
2. The Moon – Earth alignments activate the Opposition Jupiter – Neptune and the Conjunction Uranus – Vesta.
3. The Moon – Earth alignments activate the Triple Uranus – Venus – Earth .
4. The Moon – Earth alignments activate the Triple Mercury – Jupiter – Ceres and Mercury – Saturn – Earth

5. The Triple Mercury – Saturn – Earth goes through the Sun. This way Mercury and Saturn also have a Geocentric connection with the Sun.

The alignments are more complicated than previously shown. Here is the total outline for the calculation of the 6.0 quakes:

November 24, 2015

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun

November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

November 19 (18:00) – 29 (14:30), 2015: Triple Line Up Mercury – Jupiter – Ceres

November 22 (05:00) – December 1 (12:00), 2015: Opposition Neptune - Mars

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

November 23 (21:00) - 25 (19:30), 2015: Triple Line Up Mercury – Venus - Pluto

November 24 (00:00) – 26 (10:00), 2015: Triple Line Up Mercury – Saturn – Earth

November 24, 2015 Mw 6.0 PAGAN REG., N. MARIANA ISLANDS 13:21:36

Geocentric activation via the Sun:

Geocentric Semisquare Venus – Sun

Geocentric Semiquintile Pallas – Sun

Geocentric Semiquintile Juno – Sun

Geocentric Sesquiquadrate Uranus – Sun

Geocentric Quintile Jupiter – Sun

Triples in relation with the Geocentric Sun alignments:

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

The Geocentric Sun alignments activate this Conjunction:

November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

Planetary Geocentric alignments:

Geocentric Trine Ceres - Mars

Geocentric Square Saturn – Neptune

Geocentric Square Mercury – Neptune

Geocentric Square Pallas - Mars

Geocentric Sextile Ceres – Saturn

Geocentric Sextile Ceres – Mercury

Geocentric Sextile Mars – Saturn

Geocentric Sextile Mars – Mercury

Geocentric Sextile Neptune – Pallas

Geocentric Inconjunct Neptune – Mars

Geocentric Inconjunct Chiron - Venus

Geocentric Semisextile Uranus - Chiron

Geocentric Semisextile Saturn - Pallas

Geocentric Semisextile Mercury - Pallas

Geocentric Semisextile Pallas – Ceres

Geocentric Semisextile Ceres - Neptune

Geocentric Sesquiquadrate Jupiter – Ceres

These Moon – Earth alignments were active during the quake:

Quatironvile Sun – Moon – Earth

Biquintile Mars – Moon – Earth

Triseptile Venus – Moon – Earth

Quatironvile Juno – Moon – Earth

Triseptile Saturn – Moon – Earth

Trine Pluto – Moon – Earth

Semisquare Vesta – Moon – Earth

The Moon – Earth alignments activate these Triples:

None

The Moon – Earth alignments activate this Opposition / Conjunction:

None

Heliocentric Earth connections:

Sextile Venus – Earth flashing
Sesquiquadrate Juno – Earth
Sesquiquadrate Pluto – Earth
Semisquare Uranus – Earth flashing
Semisquare Vesta – Earth flashing
Quintile Chiron – Earth

Special Heliocentric alignments:

Novile Neptune - Vesta
Novile Neptune – Uranus

The Heliocentric – Earth alignments activate these Triples:

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

The Heliocentric – Earth alignments activate this Conjunction:

November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

Reason earthquake:

The Geocentric and Heliocentric connections activate the Triple Uranus – Venus – Earth .
No opposition was activated so the magnitude of the quake stayed remote.

November 24, 2015

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun
November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun
November 19 (18:00) – 29 (14:30), 2015: Triple Line Up Mercury – Jupiter – Ceres
November 22 (05:00) – December 1 (12:00), 2015: Opposition Neptune - Mars
November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth
November 23 (21:00) - 25 (19:30), 2015: Triple Line Up Mercury – Venus - Pluto
November 24 (00:00) – 26 (10:00), 2015: Triple Line Up Mercury – Saturn – Earth

November 24, 2015 Mw 7.6 CENTRAL PERU 22:45:40

Geocentric activation via the Sun:

Geocentric Semisquare Venus – Sun
Geocentric Semiquintile Pallas – Sun
Geocentric Semiquintile Juno – Sun
Geocentric Sesquiquadrate Uranus – Sun
Geocentric Quintile Jupiter – Sun
Geocentric Biseptile Chiron – Sun
Geocentric Novile Pluto – Sun
Geocentric Semisquare Pluto – Sun (middle)

Triples in relation with the Geocentric Sun alignments:

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

The Geocentric Sun alignments activate this Conjunction:

November 13 (08:30) – 28 (00:15), 2015: Conjunction Uranus - Vesta and the Sun

Planetary Geocentric alignments:

Geocentric Trine Ceres - Mars
Geocentric Square Saturn – Neptune
Geocentric Square Mercury – Neptune
Geocentric Square Pallas - Mars
Geocentric Sextile Ceres – Saturn
Geocentric Sextile Ceres – Mercury
Geocentric Sextile Mars – Saturn
Geocentric Sextile Mars – Mercury

Geocentric Sextile Neptune – Pallas
Geocentric Inconjunct Neptune – Mars
Geocentric Inconjunct Chiron - Venus
Geocentric Semisextile Uranus - Chiron
Geocentric Semisextile Saturn - Pallas
Geocentric Semisextile Mercury - Pallas
Geocentric Semisextile Pallas – Ceres
Geocentric Semisextile Ceres - Neptune
Geocentric Sesquiquadrate Jupiter – Ceres

These Moon – Earth alignments were active during the quake:

Sextile Chiron – Moon – Earth
Quintile Neptune – Moon – Earth
Inconjunct Venus – Moon – Earth
Quatronovile Saturn – Mercury - Moon – Earth (one alignment)
Trine Jupiter – Moon – Earth
Septile Vesta – Moon – Earth
Semisextile Uranus – Moon – Earth
Biseptile Ceres- – Moon – Earth

The Moon – Earth alignments activate these Triples:

November 19 (18:00) – 29 (14:30), 2015: Triple Line Up Mercury – Jupiter – Ceres
November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth
November 24 (00:00) – 26 (10:00), 2015: Triple Line Up Mercury – Saturn – Earth

The Moon – Earth alignments activate this Opposition / Conjunction:

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun
November 13 (08:30) – 28 (00:15),2015: Conjunction Uranus - Vesta and the Sun

Heliocentric Earth connections:

Sextile Venus – Earth flashing
Sesquiquadrate Juno – Earth (middle)
Semisquare Uranus – Earth flashing
Semisquare Vesta – Earth flashing
Quintile Chiron – Earth

Special Heliocentric alignments:

Novile Neptune - Vesta
Novile Neptune – Uranus
Sextile Juno – Mercury
Square Juno – Pluto
Semisextile Pluto – Mercury
Quatronovile Pluto - Venus

The Heliocentric – Earth alignments activate these Triples:

November 22 (05:00) – 25 (15:30), 2015: Triple Line Up Uranus – Venus – Earth

The Heliocentric – Earth alignments activate this Conjunction:

November 13 (08:30) – 28 (00:15),2015: Conjunction Uranus - Vesta and the Sun

Reason earthquake:

1. The HIGH of the Triple Mercury – Venus - Pluto activates Mercury and Venus.
2. The Moon – Earth alignments activate the Opposition Jupiter – Neptune and the Conjunction Uranus – Vesta.
3. The Moon – Earth alignments activate the Triple Uranus – Venus – Earth .
4. The Moon – Earth alignments activate the Triple Mercury – Jupiter – Ceres and Mercury – Saturn – Earth
5. The Triple Mercury – Saturn – Earth goes through the Sun. This way Mercury and Saturn also have a Geocentric connection with the Sun.
6. Mercury and Saturn have 3 strong Geocentric alignments and 1 semi - strong:
Geocentric Square Saturn – Neptune
Geocentric Square Mercury – Neptune

Geocentric Sextile Ceres – Saturn
Geocentric Sextile Ceres – Mercury
Geocentric Sextile Mars – Saturn
Geocentric Sextile Mars – Mercury
Geocentric Semisextile Saturn - Pallas
Geocentric Semisextile Mercury - Pallas
7. The Triple Mercury – Jupiter – Ceres is connected with the Opposition Jupiter – Neptune across the Sun:
Geocentric Sextile Ceres – Mercury
Geocentric Sesquiquadrate Jupiter – Ceres
Geocentric Semisextile Ceres - Neptune

November 24, 2015 Mw 7.6 CENTRAL PERU 22:50:54

Difference with previous quake:

Extra Moon – Earth alignment
Triseptile Juno – Moon - Earth

Special Heliocentric alignments:

Novile Neptune - Vesta
Novile Neptune – Uranus
Sextile Juno – Mercury
Square Juno – Pluto
Semisextile Pluto – Mercury
Quatironovile Pluto - Venus

Reason earthquake:

The Juno – Moon – Earth alignment activated the Heliocentric connections with the Triple Mercury – Venus – Pluto

Another example:

There was a full Moon on October 27, 2015 12:06

October 26, 2015: Mw 7.5 Hindu Kush Region, Afghanistan 09:09:32

October 26, 2015

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun
October 10 (04:00) – 27 (04:00), 2015: Triple Line Up Uranus – Ceres - Pallas
October 12 (17:30) – November 4 (09:30) , 2015: Conjunction Pallas – Pluto and the Sun
October 15 (17:00) – 31 (06:00) , 2015: Triple Line Up Jupiter – Mercury – Neptune
October 20 (06:30) - 26 (11:30), 2015: Triple Line Up Mars – Earth – Chiron
October 22 (07:30) – November 15 (15:30), 2015: Triple Line Up Jupiter – Venus – Chiron
October 23(15:00) – 27 (23:30), 2015: Triple Line Up Jupiter – Venus – Earth
October 24 (17:30) – 27 (04:00), 2015: Triple Line Up Mercury – Earth – Uranus
October 24 (21:30) – November 15 (11:00), 2015: Triple Line Up Jupiter – Earth - Chiron
October 25 (15:20) - 29 (12:30), 2015: Triple Line Up Venus – Earth - Chiron
October 25 (19:30) – 28 (16:30), 2015: Triple Line Up Mercury – Mars – Ceres
October 26 (11:30) – 27 (06:30), 2015: Conjunction Mercury – Jupiter and the Sun
October 26 (14:30) – 27 (11:00), 2015: Opposition Mercury – Neptune across the Sun

On October 26 there were a multiple of alignments with the Moon – Earth axis. They all give a big boost to 8 Triples. This is probably the largest I have ever seen. However, the Geocentric alignments with the Sun were not

so strong, thus it is was a strong quake but not a megaquake...

Geocentric activation via the Sun:

Semisquare Jupiter – Sun
Semisquare Venus – Sun
Semisquare Mars – Sun
Quintile Pluto - Sun
Semisextile Saturn – Sun
Sesquiquadrate Chiron - Sun

4 Triples were in relation with the Geocentric Sun alignments:

October 20 (06:30) - 26 (11:30), 2015: Triple Line Up Mars – Earth – Chiron
October 23(15:00) – 27 (23:30), 2015: Triple Line Up Jupiter – Venus – Earth
October 24 (21:30) – November 15 (11:00), 2015: Triple Line Up Jupiter – Earth - Chiron
October 25 (15:20) - 29 (12:30), 2015: Triple Line Up Venus – Earth - Chiron

These Moon – Earth alignments were active during the quake:

October 26, 2015: Conjunction Uranus – Moon – Earth HIGH: 10:57:26
October 26, 2015: Opposition Mercury – Moon – Earth START 08:52! HIGH: 12:24:52
October 26, 2015: Semisextile Chiron – Moon – Earth
October 26, 2015: Novile Neptune – Moon – Earth
October 26, 2015: Inconjunct Jupiter – Moon – Earth
October 26, 2015: Inconjunct Venus – Moon – Earth
October 26, 2015: Sesquiquadrate Saturn – Moon – Earth
October 26, 2015: Triseptile Mars – Moon – Earth

The Moon – Earth alignments activate these 8 (!) Triples:

October 20 (06:30) - 26 (11:30), 2015: Triple Line Up Mars – Earth – Chiron
October 23(15:00) – 27 (23:30), 2015: Triple Line Up Jupiter – Venus – Earth
October 24 (17:30) – 27 (04:00), 2015: Triple Line Up Mercury – Earth – Uranus
October 24 (21:30) – November 15 (11:00), 2015: Triple Line Up Jupiter – Earth - Chiron
October 25 (15:20) - 29 (12:30), 2015: Triple Line Up Venus – Earth - Chiron
October 25 (19:30) – 28 (16:30), 2015: Triple Line Up Mercury – Mars – Ceres
October 22 (07:30) – November 15 (15:30), 2015: Triple Line Up Jupiter – Venus – Chiron
October 15 (17:00) – 31 (06:00) , 2015: Triple Line Up Jupiter – Mercury – Neptune

The Moon – Earth alignments activate this Opposition / Conjunction:

October 8 (06:00) – December 3 (16:00), 2015: Opposition Jupiter – Neptune across the Sun
October 26 (11:30) – 27 (06:30), 2015: Conjunction Mercury – Jupiter and the Sun

The following combination activates the last remaining Triple:

October 10, 2015: 14:50 - November 2 08:30 Heliocentric Sextile Uranus – Ceres
October 26, 2015: Conjunction Uranus – Moon – Earth HIGH: 10:57:26
October 26, 2015: Opposition Mercury – Moon – Earth START 08:52! HIGH: 12:24:52
October 26, 2015: Triseptile Mars – Moon – Earth
October 25 (19:30) – 28 (16:30), 2015: Triple Line Up Mercury – Mars – Ceres

Saturn was Heliocentrically strongly connected with Jupiter and Mercury (Jupiter and Mercury are in a Heliocentric Conjunction today) :

Heliocentric Square Saturn - Jupiter
Heliocentric Square Saturn – Mercury

Saturn had these important Geocentric connections with the Triple Line Up Mercury – Earth – Uranus:

Geocentric Semisquare Saturn - Mercury
Geocentric Semisextile Saturn – Sun
Geocentric Semisquare Saturn – Uranus

At the time of the quake there were these Heliocentric connections with the Earth:

Heliocentric Trine Mercury – Earth flashing!
Heliocentric Semisquare Venus - Earth

Heliocentric Quintile Ceres – Earth

Uranus had these Heliocentric connections:

Heliocentric Sextile Uranus - Venus

Heliocentric Sextile Uranus - Ceres

Heliocentric Semisextile Uranus - Chiron

Uranus was Geocentrically connected with 4 planets and Chiron:

Geocentric Inconjunct Jupiter - Uranus

Geocentric Inconjunct Venus - Uranus

Geocentric Inconjunct Mars - Uranus

Geocentric Novile Neptune - Uranus

Geocentric Semisextile Chiron – Uranus

Reason for the quake: *Several M 8.0 plus earthquakes happened on Heliocentric Conjunctions, with planets or planetoids in crucial Line Ups. There was an extremely important Triple alignment Mercury – Earth – Uranus on October 26th, 2015. Mercury was already 'loaded up' in an 11 day active Triple with Jupiter and Neptune. Jupiter and Mercury were Heliocentrically connected via Saturn while Saturn was Geocentrically connected with Mercury – Earth – Uranus. Just before the Heliocentric Conjunction with Mercury – Jupiter started, some Heliocentric, Geocentric and planet (planetoid)Moon - Earth connections opened and the combined forces induced a forceful earthquake. Because the Geocentric Sun connections were not strong (no Trines, Squares or Sextiles), the magnitude wasn't in the highest range.*

Caveats and Theory Foundation

There is currently no astronomical program to calculate all of the possible planetary line ups. But for researchers... All websites are for free on the internet:

- 1) **Solar System Scope.** With this program you can visualize the planets.

<http://www.solarsystemscope.com/>

Extremely Important Remark: Put planet distances on 100%! Otherwise you have faulty results!

- 2) **Astrolog.** With this program you can calculate all the planetary alignments

<http://www.astrolog.org/astrolog/astfile.htm>

How does it work? Go to Setting/ Restrictions: Restrict everything except the planets and the dwarf planets.

Go to Setting/ Aspect Settings: Restrict Square/ Trine/ Sextile

This way it is easier to calculate the Triple Line Ups which are dark blue.

Squares are red

Trines are green

Sextiles are light blue

Planets or planetoids can be restricted at Setting/ Restrictions

To calculate the Triple Line Ups... Go to Setting/ Calculation Settings

Fill in the name of the planet or planetoid: Mercury, Venus, Mars, Vesta, Chiron....

To start: Go to Animate

Jump rate:

Seconds, minutes, hours, days....

Jump factor:

One unit, two units....

Other calculations at Setting:

- a) Heliocentric: Conjunctions and oppositions
- b) Sidereal Zodiac: Triple Line Ups with the Earth and also Earth - Moon axis

3) **Zet 9**

<http://astrozet.net/downloads.html>

Download and go to Tables/ Astrological Tables/ Mundane Aspects of the Moon

All the important Line Ups with the Moon-Earth axis with the planets (you need to subtract 2 hours from the time in the tables!)

Remark: The program we use is 17 years old. It needs to be updated because the alignments with the planetoids aren't up to date. Also it is 'fixed' at a difference from 3.5 degrees. It works reasonable, but the results can be quite more accurate if it could be reworked completely... Also a computer program is needed to calculate all the alignments from the past, link them to the strength and place of earthquakes and calculate future possibilities. Without such a program, we need at least a dozen mathematicians to work full time to find comparable results...