



"...Let us run with patience the race that is set before us." Hebrews 12:1

by Eric S. Hadik

Earth In Transition: 3 + 3 VI

Earthquake Cycles in 2009--2011 (& Beyond)

Volcano Cycles in 2012--2014

E.I.T. - 3+3 VI

INSIIDE Track Reprint

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"Two are better than one, because they have a good return for their labor: If they fall down, they can help

each other up. But pity those who fall and have no one to help them up!

...Though one may be overpowered, two can defend themselves. A cord of three strands is not easily broken."

Ecclesiastes 4:9-10,12 (NIV Translation)

December 2010 - *The following are excerpts from multiple issues of INSIIDE Track... between June & December 2010. They reinforce the analysis for a resurgence of volcanic eruptions in **2012 - 2014** but really begin to hone the focus for a major Japanese earthquake in **2011**.*

*The period between **July 2010 & July 2011** is projected to see multiple, Major earthquakes in Japan - overlapping the period of **December 2010--January 2012**, when longer-term cycles anticipate the same thing.*

In addition, the sequence of recent, major earth disturbances (earthquakes

Earth Disturbances in May 2010

The month of May saw a spike in Central & S. American earthquakes, with major quakes in Peru (3), Brazil & Costa Rica (2) and moderate ones in Chile. At the same time, there is a growing frequency of quakes (4.5 - 5.5) in S. California/Baja California and the Pacific NW (Oregon & Vancouver).

Early in May, other noteworthy disturbances included renewed eruptions in Iceland, a 7.2 quake in Indonesia and a 6.1 quake that hit Mt. Tambora (the sight of the 1815 eruption that caused the ensuing 'Year Without a Summer' in 1816). This quake struck exactly 180 degrees from when a 6.7 quake previously struck Tambora. In a recent 17-hour period, three major quakes struck Philippines, India & Costa Rica (6.0, 6.4 & 6.1). *IT (5/31/10 excerpt)*

July Earth Disturbance Recap

6/26/10 - Upcoming Month Could Be Shaky...

Since the early-1990's, I have often discussed the consistency of major earthquakes and volcanoes during the periods surrounding mid-January & **mid-July**. It seems that each time I discuss them, another corroborating 'event' takes place. The most recent discussion was about 6 months ago. In early-January 2010, I wrote the following:

1-05-10 - *"I expect some dramatic events in 2010...we are approaching the mid-January period in which...dozens of earthquakes have struck Japan and the U.S. (West Coast). Overall, this cycle impacts a wider swath of the 'Ring of Fire'...major earthquakes in 1993 (CA & Japan), 1994 (powerful & costly Northridge, CA quake), 1995 (devastating Kobe, Japan quake), 1997 (Japan, Indonesia quakes & Indonesia volcano eruption) and 2001 (Indonesian quakes).*

More recently, major earthquakes struck on January 16, 2005, January 13, 2007 & January 15, 2009. Will mid-January 2010 see anything similar? Mid-January 2010 & mid-July 2010 are 17-Year Cycles from major (7.5 & 7.8) earthquakes in Northern Japan in 1993...Could either of these time frames see similar disturbances... 2010 could/should see some major activity but 2011 is expected to overshadow whatever occurs in 2010."

About a week later, a 6.5 earthquake struck N. California. In the **Weekly Re-Lay** that followed, I explained my belief that this was only a partial fulfillment and that other quakes would be seen in the ensuing days. Less than a week after that, the devastating 7.1 earthquake struck Haiti, killing hundreds of thousands. In late-January 2010 (February 2010 issue of INSIDE Track), I observed the following...

1-29-10 *"...July 2010 & 2011 will also be very precarious months. This was/is due to a synergistic combination of factors and cycles, including this January/July Ring of Fire Cycle of the past 20+ years, the 17-Year Cycle of Earthquake Swarms, Heliocentric Year Cycles, Geometric Cycles (covering hundreds of years) and even Sunspot Cycles... all of which have been discussed in recent months... and years..."*

The 17-Year Cycle

...there are other events that could experience their own 17-Year Cycle in 2010 (or 2011)...Another is linked to Japanese earthquakes. 2010 is 17 years from a major, 7.5 earthquake that hit Japan in June 1993 and an even larger 7.8 that hit Japan - and created a tsunami - in July 1993, ushering in a very unstable period.

*In and of itself, this would not mean a great deal other than its role in the ongoing 17-Year Cycle of Earth Disturbance Swarms. However, when it is combined with all of the other cycles in 2010 & 2011 - many of which apply directly to Japan - it takes on added significance. **June 20, 2010 & July 12, 2010** (also in the midst of the January/July Ring of Fire Cycle) are the 17-Year anniversaries of these.*

***June/July 2010** represents the culmination of one 17-Year Cycle in Japan and the onset of a new one... The latest **17-Year Cycle** began with back-to-back-to-back earthquakes in July 1993, 1994 & 1995. The final years have also seen multiple major earthquakes (4 of 6.6 or greater magnitude) in Japan during the month of July in 2007 & 2008.*

***July 2010** is the transition point of this Cycle and **July 2011** represents the early stages of a new one. Both could be significant."*

These excerpts should be self-explanatory, but I will make it simple - **late-June--late-July 2010** ushers in a new cycle of Japanese earthquakes and could begin with a 'bang'... or at least a good strong rattle. The period between **July 2010 & July 2011** has the potential for multiple disturbances. See the table on page 3 for quakes during the latest **17-Year Cycle**. IT www.insidettrack.com

6/26/10 - July Japan Earthquake Cycle

July 12, 1993...7.8 magnitude quake in N. Japan.

July 31, 1994...6.4 magnitude quake in N. Japan

July 3, 1995...5.6 magnitude quake struck Tokyo

July 1 - 30, 2000... 9 quakes (5.4-6.4) in Japan

July 16, 2007... 6.6 & 6.8 quakes in Japan

July 19 & 23, 2008... 7.0 & 6.8 quakes in Japan

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8-31-10 - The 90-Degree Earth Disturbance Cycle: Watch November 2010!

The 90-degree *Earth Disturbance Cycle* received another round of validation on **August 26--29th**, as the *Galeras Volcano* in Columbia saw another eruption while *Mt. Sinabung* began erupting - for the first time in 400 years - in Indonesia, triggering red alert status. This eruption comes exactly 90 days/degrees after the eruption of volcanoes in Guatemala & Ecuador - on May 29--31st.

These late-May eruptions occurred approximately 90 days/degrees from the February 27th Chilean earthquake and the initial eruptions - in Iceland - of Eyjafjallajökull. Interestingly, that volcano entered its explosive stage at the precise midpoint (45 days *after* early eruptions and 45 days/degrees *before* the Central American eruptions) and completed its overall eruptive phase just days before May 29th.

The early-2010 earthquake & eruption came 90 days/degrees from another eruption of the *Galeras Volcano* in late-November 2009. And, the Haitian earthquake of mid-January 2010 was located at the midpoint of this cycle.

Just as the Earth has its 90-degree climate 'clock' (seasons) - governed by its relationship with the Sun (equinox & solstice) - it has also shown a very consistent 90-degree Earth Disturbance 'clock', about which I have written since 1994/1995.

One of the interesting aspects of this 'clock' is that the US (West Coast, in particular) and Japan have experienced their greatest concentration of major events at the 45-degree midpoints (mid-January & mid-July) while Central & South America have seen the greatest concentration of major events at the alternating, 45-degree points (in February, May, August & November).

One could debate which is the actual 90-degree cycle - the South/Central American one or the US/Japan one (since US & Japan have also seen many intervening events in April & October, the remaining 45-degree cycles) - but it makes little difference. It is just as easy to treat them as two overlapping - but strongly corresponding - 90-degree cycles that powerfully reinforce the consistency and periodicity of related events on Earth... *IT*

Earth Instability Rising on Schedule: November 2010 = S. American Cycle

10-28-10 - Mid-October - a time connected to earth activity on the *Ring of Fire* along with the periods of mid-January, mid-April & mid-July - brought about another round of instability, culminating with a 7.7 earthquake in Indonesia, followed by a tsunami and then the eruption of Mt. Merapi.

Of course, as in most cases, these seismic shifts were not isolated events. In the 3-4 weeks leading up to that, there was a moderate, 5.7 quake in Iran (9/27). Two days later, there was a 5.6 in Japan, a 6.6 and then a 7.2 in Indonesia (9/29). 10/04 brought about a stronger quake in Japan, followed by moderate quakes in Vancouver & N. California. Multiple quakes in Chile, Costa Rica, Bolivia & Mexico were felt in the ensuing week, as were more quakes in Japan & Indonesia (as well as 4.5+ quakes in Oklahoma & Wyoming). Although most of these were moderate - and some small - it was the growing frequency & intensity of them that created a kind of seismic momentum, leading into **October 25--27th**.

Looking ahead, there is the South American cycle that I have documented for several years. It involves the months of February, May & August - each at a 90-degree interval on the calendar - with the month of November often representing a culmination. Renewed activity is likely in the next 30 days...

In mid-November 2004, there was a 7.2 quake in Colombia.

In mid-November 2005, there was a 6.9 quake in Bolivia.

In mid-November 2006, there was a 6.8 quake in Argentina.

In mid-November 2007, there was a 6.8 quake in Peru/Ecuador and a 7.7 in Chile.

In mid-November 2008, there was a 6.0 in El Salvador, a Chilean volcano (*Nevado del Huila*) erupting, a 6.5 quake off the coast of Chile and a 6.2 in Panama/Costa Rica. This period was preceded/surrounded by a series of 9 moderate but increasing quakes in Chile - from 10/27--11/29/08.

In November 2009 (many of which struck mid-month), there was another series (7) of earthquakes - ranging from 5.5 in Venezuela to 6.5 in Chile while the *Galeros Volcano* in Colombia began erupting.

In November 2010, there was ??? quake(s) and/or ??? volcanic eruption(s). *To be continued...*
IT

Earth Instability Update

11-29-10 - For the first time since 2003, the mid-November period did not result in any major earthquakes in South America. That's the good news. There are, however, several other factors to consider...

1 - The period of mid-October--late-November did see major quakes and volcanic activity in Indonesia. This began with a 7.7 earthquake in October that triggered a tsunami and was then closely followed by the eruption of Mt. Merapi - its greatest eruption in 100 years.

Shortly after, Krakatoa - the volcano best known for its 1883 eruption that caused major tsunamis and the deaths of 36,000+ - experienced a major (1,200%) increase in activity. Compared to its average daily count of about 10 eruptions, Krakatoa experienced 136 eruptions on October 29th.

Eruptions continued through mid-November - at Merapi & Krakatoa - and were joined by eruptions at Bulusan Volcano on the Philippines. The month of November also witnessed a new subglacial eruption at Grimsvotn (Iceland), the same volcano that triggered threats of major N. European flooding (exactly 6 years ago, to the day) in 2004. In recent days, Indonesia has made it a trio, with the Bromo volcano erupting violently. At the same time - and exactly 6 months/180 degrees from the late-May eruptions, the Tungurahua volcano - in Ecuador - has experienced multiple explosions/eruptions. This does perpetuate the sequence of South American volcanoes during this period.

2 - The Chilean Earthquake of late-February 2010 may have shifted the emphasis within its 90-degree cycle of earth activity. As a result, February & August are seeing an increasing level of activity while May & November are on the decline. The 8.0 Peruvian quake of August 2007 & S. American earthquake swarms of August 2008 & February 2009 (which included a 3-week period in which 5 major quakes struck Peru, Argentina & Brazil) validate this pattern. It could continue in 2011.

3- That 8.8 quake in Chile - on February 27, 2010 - may have (temporarily) alleviated some of the tectonic pressure in that region. This is also a normal occurrence with earth disturbances.

4 - That same Chilean quake - and the May 2008 eruption of Chaiten Volcano (and several others since then) fulfilled the latest phase of the *17-Year Cycle Swarm* that has governed Chile and/or Central & South America since 1837--1840. This governing *17-Year Cycle* has been discussed for many years and applied to many aspects of life (from stocks, currencies, banking and real estate to earthquakes and volcanoes) and was projected to recur in 2007--2010... with Chilean Earthquakes providing one fulfillment.

Previous phases saw a major quake in Chile create a major tsunami in Hawaii (1837--1840 phase), an 8.6 quake in Chile along with an 8.8 in Ecuador and 8.6 in Colombia (all occurred during the 1905--1908 phase), an 8.5 in Chile (1922--1925 phase), a 7.8 in Chile (1939--1942 phase), the 9.5 quake in Chile (the most powerful quake ever recorded; a few months after the 1956--1959 phase), the eruption of Mt. Hudson (1990--1993 phase; one of largest eruptions in 20th century, but overshadowed by Pinatubo & Unzen during same few months). The Chaiten Volcano and 8.8 quake have again fulfilled this *17-Year Cycle* (2007--2010 phase) with uncanny accuracy.

5 - Volcanic activity was expected to provide initial/precursor eruptions in 2010 & 2011 with much larger eruptions projected for 2012--2014. This has been discussed the past 5-6 years and was laid out again in late-February 2010 (see <http://www.insiidetrack.com/pdf/INSIIDETrack201003volcanoesem.pdf>) and was quickly validated by the mid-March Icelandic eruptions.

Major volcanoes are often preceded by an increase - in intensity & frequency - of related earthquakes. The major quakes of 2010 could be a precursor to impending volcanic eruptions... *in 2011--2014*. Late-2010 actually *ushers in* this period (see previous discussion on Japanese earth disturbances). *IT*

and volcanoes) in the **February/March** time frame sharpen this focus to a 2-month period - **February & March 2011** - when the greatest synergy of these cycles align. It could be a shaky time in Japan!

This is reinforced by the ongoing sequence of earthquakes and volcanoes at 90-degree intervals - in late-Feb.--mid-March, late-May--mid-June, late-August--mid-September & late-November--mid-December.

See **17-Year Cycle & Earth in Transition Reports** & other INSIIDE Track publications for add'l analysis on this period when MAJOR earth-

quakes and then volcanoes are expected to destabilize the Earth.

Japan has just entered a very unstable time, when it could be hit by multiple, Major earthquakes (and volcanoes). North America should then follow - most likely in **2012**...when earthquake cycles reach an initial crescendo, volcano cycles begin to accelerate higher and market/geopolitical cycles enter a precarious 3-5 year period. *IT*

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