March 2009: In the past couple months, I have begun to elaborate on my long-held belief that the Earth is going through a major, cyclic transition and that the next critical - and very unstable - phase should be seen in 2010--2011. That is when the greatest concentration of earthquake cycles converge - particularly for places like Japan, the U.S. & Chile. 2009 is expected to ‘get the ball rolling’. This cycle should extend into 2012 (California & the Midwest U.S. have cycles aligning in 2011--2012) but that is when I expect to see a surge in volcanic eruptions - that should continue into 2014. The major earthquakes expected in the coming years should be a precursor to those ensuing volcanoes, some of which could be catastrophic. They will probably continue in 2012--2014, but be overshadowed by these volcanoes. The following is a reprint of what has been published in January--March, to bring newer readers up to speed on this aspect of my outlook...

Outlook 2009... & Beyond II:
Earthquake/Volcano Cycles Surging...

01-16-09 - I want to focus on market analysis in this issue but there is at least one ongoing discussion that demands an immediate review. The reason is that we are approaching a period when it typically sees a spike in activity.

This topic is that of earth-instability (earthquakes, volcanoes and resulting tsunamis). The period is the days and weeks surrounding mid-January. Other than the 180-degree corresponding period, in mid-to
late-July, the period of mid-to-late January has been one of the most consistent for major activity during the past two decades.

I actually consider this to be a single, two-pronged cycle encompassing earth activity in mid-January AND in mid-July.

Much of this activity has been concentrated in Japan and California, but the entire Ring of Fire (west coast of Americas, N.E. Russia, east coast of Asia and all of Japan and Pacific islands) should be considered at higher risk during the next 2 weeks.

In the past, I have documented how this sequence evolved in the 1990’s. It included major earthquakes in S. CA (7.0 in Yucca Valley in July 1992), Japan (7.5 in January 1993 & 7.8 in July 1993), Northridge, CA (January 1994), Japan (6.4 in July 1994) & Kobe, Japan (January 1995), Tokyo, Japan (July 1995), Mexico (7.3 in January 1997), Japan (6.3 in January 1997), China (multiple quakes in January 1997), Columbia (January 1999), El Salvador (January 2001) & India (January 2001)...


However, in order to make sure that this cycle is still firmly in control (or at least raise the confidence level in it), it is important to review its applicability in recent years...

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**17-Year Earth-Disturbance Swarm Cycle**

Originally published July 30, 2007

**1837 - 1840:** Major quakes in Syria/Israel, Chile (tsunami hits Hawaii), Greece (multiple quakes for 8 days, ultimately destroying island of Hydra), China, Romania & S. Australia; Soufriere Volcano eruption.

**1845 - 1857:** ‘Big One’ in CA (see page [3]), major quakes in New Zealand (8.2 - largest ever in N.Z.), Tokyo, Italy (2), Switzerland, Czech Republic, Algeria, Honduras; Ireland tsunami.

**1871 - 1874:** Major quakes in Germany, CA, Austria, Italy, France, El Salvador; Mt. Vesuvius eruption.

**1888 - 1891:** Major quakes in Tokyo, Italy (4), Mexico, Japan (4), Phillipines, CA, Greece (2), Turkey, Australia, Costa Rica, Poland & Slovenia; Mt. Bandai eruption (Japan). [Charleston, SC - 7.3 in 1886.]

**1905 - 1908:** Major quakes in SF, Ecuador (8.8; 5th largest*), Italy (7.2; 7th deadliest*), Chile (8.2; 20,000 dead), India (7.5; 19K dead), Tajikistan (8.0; 2 quakes; 12K dead), Japan, Jamaica & Wales.

**1922 - 1925:** Major quakes in Chile/Argentina (8.5; 12th largest*), Kamchatka (8.5; 11th largest*) & Japan (7.9; 4th deadliest*). [3rd deadliest* in China in 1920.]

**1939 - 1942:** Major quakes in Indonesia (8.5; 10th largest*), Turkey (7.8; 11th deadliest*), Chile (7.8; 15th deadliest*), Aukland (2).

**1956 - 1959:** Major quakes in Alaska (9.1; 3rd largest*) & Japan (8.7; 6th largest*). [1960: Chile - 9.5; Largest*!]

**1973 - 1976:** Major quakes in China (7.8; 2nd deadliest - 255K dead) & China (6.8; 20K dead).

**1990 - 1993:** Major quakes in Iran (7.4; 9th deadliest - 40-50K dead), Indonesia; Eruptions of Mt. Pinatubo, Mt. Unzen & Mt. Pinatubo again. [1994: Northridge, CA.]

**2007 - 2010:** [1/16/09 Update: 2007-2008 experienced major quakes in Indonesia (multiple eqs in March & Sept. '07, Feb. & Nov. '08, w/largest an 8.4), J apan (6.8 in June '07, nearly causing a nuclear 'incident'), Peru (8.5 in August '07), Chile (7.7 in Nov. '07, rocking Bolivia, Peru & Argentina, as well), China (67,000+ killed during May 2008, 7.9 quake), Japan (July 2008), Pakistan (Oct. 2008), eruption of Chaiten volcano in Chile (May 2008)... and many other disturbances in recent months.]

* Deadliest or strongest in entire world in past 150+ years.
The mid-to-late-January cycle has NOT been as predominant in the past few years, but the mid-to-late-July cycle has triggered a series of earthquakes (some w/tsunamis) in 2006 (Indonesia), 2007 (Japan) & 2008 (Japan). So, statistically speaking, the July cycle might be a higher-probability time frame for earth instability in 2009.

However, when combined with the fact the 17-Year Cycle is firmly in place, an increase in major quakes and eruptions is likely throughout 2009 (& 2010). [Almost 60% of the largest earthquakes of the past 150 years are included in this Cycle.]

This is consistent with the fact the earth’s magnetic field is closely linked to this 17-Year Cycle. It is reinforced by expectations for increasing solar activity & storms (and the potential for resulting solar magnetic storms pelting the earth), leading into 2012... based on the current Sunspot Cycle.

Since we are entering the period that appears most geologically-vulnerable, I am reprinting a table from the August 2007 INSIDE Track that describes this 17-Year Earth-Disturbance Swarm Cycle’ and also an excerpt that describes the impact this cycle has had on the state of California (see page 3).

This incorporates a ‘Big One’ in San Francisco - a 7.0 that struck in 1838 - and the ‘Big One’ in San Francisco, the 7.9 or 8.0 that struck in 1906 (exactly 68 years - or 4 xs the 17-Year Cycle - later).

It also includes another ‘big one’ that struck Owens Valley, CA in 1872 - a 7.8 that was felt throughout much of California and Nevada. Note that this quake occurred exactly 34 Years after the 1838 quake and exactly 34 Years before the 1906 quake. Once again, the related 34-Year Cycle shows its powerful influence.

AND... this ‘Swarm Cycle’ incorporates what many geologists consider ‘The Big One’ in California (NOT the 1906 SF quake) - the 1857 Ft. Tejon, 8.0 quake of January 9th.
The excerpt on page 3 incorporates all of these earthquakes and explains why 2008 - 2012 was projected to be - and is still expected to be - a shaky time in California and the surrounding states.

And then there are those 900+ earthquakes, ranging in magnitude from 2.0 - 3.9, hitting the area around Yellowstone National Park since December 26th.

Is this a harbinger of something 'imminent'... in the 2009/2010 Cycle?

Will increasing geo- and solar-magnetic activity bring a major volcano out of dormancy?

Or, is it more like an intermediate 'birth pain' that will subside for a time but continue to - over time - accelerate and intensify toward a crescendo?

There have been some moderate earthquakes - surrounding Northern and Southern California - in recent months, which is often seen leading up to a larger shift. This does not mean that anything is imminent but it does add some credence to the mid-to-late January cycle that has seen so many earth disturbances in the past 17 - 19 years.

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17-Year Cycle in California Earthquakes

2011 - 2012 = Crescendo of Vulnerable Period

- 1992 Yucca Valley EQs + 17 Years = 2009
- 1994 Northridge EQ + 17 Years = 2011
- 1978 Santa Barbara EQs + 34 Years = 2012
- 1940--1942 EQs + 68 Years = 2008--2010
- 1927 Lompoc EQ + 85 Years = 2012
- 1906--1908 Imperial/Death Valley EQs + 102 Years = 2009--2010
- 1892 Laguna Salada EQ + 119 = 2011

[1957--1965 8.5--9.5 Global EQs + 51 Years = 2008--2016]

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January Celestial Cycle

There is one additional cycle I want to revisit at this time. It has been discussed numerous times before and has to do with ‘celestial’ or atmospheric cycles. Whether it be space exploration disasters, missile tests, missile bombardments or other events, the period of late-January is noteworthy. IT

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17-Year Cycle Synergy...

The greatest convergence of 17-Year Earth Disturbance Cycles comes into play in 2009 - 2010.

As noted in the table on page 2, 2007 - 2010 incorporates the greatest synergy of global earth events (17-Year Swarm Cycle).

Based on the information in the table above, 2008 - 2016 is linked to a global swarm of Major earthquakes in 1957 - 1965 (including the largest recorded quake of modern times) while 2010 is directly related to the S. Calif. ‘Big One’ of 1857.


If you take the period that appears in everyone of these cycles (the greatest synergy of earthquake cycles), you end up with 2009 - 2010. (Sorry to my West Coast readers... I do not intend to cause alarm; only to keep readers aware.) The Sunspot Cycle corroborates this, with focus on 2009 - 2012.
Outlook 2009...
& Beyond IV:
Upsetting the Status Quo...

02-26-09...

17-Year Earth Disturbance Cycle...

Similar to the 90-degree cycle that influences Mr. Ahmadinejad’s actions, S. American earth disturbances have been on the same cycle (don’t ask me why earth instability in the Southern & Western Hemisphere coincides with mental & emotional instability in the Northern & Eastern Hemispheres).

This was demonstrated throughout 2008 but I have brought together - and updated where necessary - all the cycles followed and discussed last year. These cycles begin with the 17-Year Swarm Cycle that has impacted global earthquakes and volcanoes (see January 2009 INSIDE Track II), but also earthquakes and volcanoes in Central & South America... with a particular emphasis on Chile.

Leading into the latest 'swarm' - in 2007 - 2010 - Central & South America were displaying an uncanny precision on a 360-degree basis, experiencing major earthquakes and/or volcanoes in mid-November during 2004, 2005, 2006, 2007 & 2008!

And, as the 2007 - 2010 'Swarm Cycle' was beginning, this 360-degree cycle broke down into a very consistent 90-degree cycle. Could this be leading into a crescendo - a major earth event - just as accelerating and intensifying birth pains herald the imminent arrival of a new creation?

May 2009 is the next phase in this cycle and is also the 360-degree anniversary of Chaiten’s original eruption on May 2, 2008. (Note how many earth events repeat on the 360-degree anniversary, like Greece on February 14, 2008 & February 16, 2009 and Chile on February 4, 2008 & February 5, 2009.) It is an important time to monitor for these events.

Chile... & the 17-Year Swarm Cycle
Major EQs/Volcanoes at 17-Year Intervals

1837-1840 - Chile EQ (tsunami hits Hawaii)
1854-1857 - [Honduras EQ]
1871-1874 - [El Salvador EQ]
1905-1908 - Chile EQ (8.6; 20k dead)
[1905 - 1908 - Chile EQ (8.2; 70k dead)]
[1908 - 1911 - [Colombia - 8.6; all three in 1906]]
1922-1925 - Chile/Argentina (8.5; 12th Lgst]
1939-1942 - Chile (7.8; 30-40k dead)
1956-1959 - [Colombia EQ]
[1960 - Chile (9.5; Largest in recent history)]
1973-1976 - [Guatemala EQ; 7.5]
[Peru, Costa Rica]
2007-2010 - Chile: Chaiten Volcano Eruption(s)
[Multiple Quakes in C./S. America]

360-Degree S.A. EQs

11/19/2008 - 6.2 Panama.C. Rica
11/16/2008 - 6.5 Chile (off cst)
11/15/2008 - Volcano Chile
11/16/2007 - 6.0 El Salvador
11/16/2007 - 6.8 Peru/Ecuador
11/14/2007 - 7.7 Chile
(08/15/2007 - 8.0 Peru)
11/13/2006 - 6.8 Argentina
11/17/2005 - 6.9 Bolivia
11/20/2004 - 6.4 Costa Rica
11/15/2004 - 7.2 Colombia

Watch mid-November 2009!

17-Year Earth Disturbance Cycle II...

That time frame is also intriguing with respect to West Coast (primarily California) earthquake - and volcano - cycles. As also demonstrated in the January 2009 INSIDE Track...
II - and discussed in previous years - 2008 - 2012 is a unique period when 17-Year Cycles (multiples of 1, 2, 4, 5, 6, 7 & 9 times 17-Years) also reach a crescendo.

Within that period, there are certain times when the statistical probabilities increase...

I have often detailed the sequence of ‘Ring of Fire’ (particularly California & Japan) earth disturbances that occur on a similar 90-degree cycle. This one precedes the S. American cycle by about 2-4 weeks. It occurs in mid-to-late January & July, with a lesser cycle in the months of April & October.

With that said, April 23 - 26, 2009 is the 17-Year Anniversary of 4 earthquakes to strike California in 1992. These ranged between 6.2 - 7.2 and occurred in Joshua Tree (4/23/92 - 6.2) and Cape Mendocino (4/25/92 - 7.2 and 4/26/92 - 6.5 & 6.7). We will soon see if this has any bearing on what takes place in the coming months.

[Isn’t it interesting, however, that the state of California is the one experiencing the most fiscal instability and economic malaise at a time when geological instability is expected to increase. When humans are not properly grounded’, they tend to act irrationally and make irresponsible decisions. This is not an indictment on Californians - otherwise, I would be in trouble with half of my family and many of my readers - it is an observation regarding a possible cause and effect.]

There is another aspect of the 1992 earthquakes that warrants a closer look. It is where they occurred. The Cape Mendocino region - as described in the accompanying Wikipedia article - is a very active region that is located just below the southern tip of the Cascadian Volcano chain...

17-Year Earth Disturbance Cycle III...

It is not just California, but rather the entire West Coast, that experiences this ongoing instability. Most of the time, this is highlighted by earthquakes. However, on a less frequent but still consistent basis, parts of the West Coast really blow their lid, so to speak.

This chain of volcanoes, stretching from Northern California up into British Columbia, has been the site of many major volcanic eruptions throughout history. Many are currently ‘dormant’ but could come back to life, as did Mt. St. Helens in 1980.

At that time, Mt. St. Helens provided a 60-day period of precursor earthquakes, giving geologists time to assess and anticipate an eruption and residents time to relocate out of harm’s way.

One interesting aspect to these volcanoes is that their eruptions tend to group in a similar series of 17-Year Cycles (encompassing 3-4 year periods) BUT that they tend to be displaced - from the related Earthquake Swarm Cycles - by a week of time (a 7-Year period).

Whereas global earthquakes grouped in 1973 - 1976, Mt. St. Helens erupted in 1980. Global Earth-Disturbances swarmed in 1871 - 1874, the related 17-Year volcanic cycle encompassed 1878 - 1881... and included the last eruption of Mt. Baker as well as reported eruptions of Mt. Ranier in 1879 & 1882.

The next 17-Year volcanic cycle - in 1895 - 1898 - timed the last major eruption of Mt. Ranier (Nov. 1894... it was 40 days early).

85 Years (5 x 17 Years) prior to 1878 - 1881 was 1793 - 1796 and included the last major eruptions - multiple ones - of Mt. Hood.

In contrast, 34 Years after 1878 - 1881 - in 1912 - 1915 - Mt. Lassen experienced a series of eruptions that actually lasted into 1917. This was the last major eruption of Mt. Lassen.

The next phase of this series of 17-Year Volcano Cycles comes into play in 2014 - 2017 and coincides with multi-century cycles that also come into play with Southern European/N. Mediterranean volcano cycles described previously (Mt. Etna & Mt. Vesuvius, in particular).
Nov. 2007 EQ Swarm
11/29 - 7.4 Martinique
11/27 - 6.6 Solomon Islds
11/25 - 6.5 Indonesia
11/22 - 6.8 P. New Guinea
11/16 - 6.8 Peru/Ecuador
11/14 - 7.7 Chile
11/10 - 6.0 Macquerie Isld

Feb. 2008 EQ Swarm
2/21 - 6.0 Nevada (US)
2/20 - 7.4 Indonesia
2/14 - 6.9 Greece
2/12 - 6.4 Mexico
2/10 - 6.6 S. Sndwch Islds
2/08 - 6.9 Md-Atlantic Rdge
2/04 - 6.3 Chile

May 2008 EQ Swarm
5/29 - 6.1 Iceland
5/27 - 5.6 Guatemala
5/26 - 5.5 Panama/Costa Rica
5/25 - 6.0 Alaska
5/24 - 5.7 Colombia
5/20 - 5.5 Peru
5/12 - 7.9 China
5/09 - 6.7 Guam
5/07 - 6.8 Japan
5/02 - 6.6 Alaska
5/02 - Chile: Chaiten Volcano
...& multiple quakes off Chilean Coast

Aug. 2008 EQ Swarm
8/01 - 5.0 Argentina
5.8 China
5.6 Philippines
8/05 - 6.0 China, 5.0 China
8/06 - 5.9 Indonesia
8/09 - 6.5, 6.3 Macquerie Isld
8/10 - 6.2 India
8/14 - 5.5 Panama
8/16 - 5.7 Mongolia
8/21 - 5.9 China/Myanmar
8/21 - 5.7 Samoa
8/22 - 6.0 Mauritius (Africa)
8/25 - 6.6 Xizang (Nepal)
8/25 - 5.8 Philippines
8/26 - 5.8 Indonesia
8/26 - 6.3 Peru
8/27 - 6.3 Russia/Mongolia
8/27 - 5.7 Iran/Iraq
8/28 - 6.1 Canada (Vnctr)

Nov. 2008 EQ Swarm
11/24 - 7.3 Russia
11/23 - 5.6 Chile
11/19 - 6.2 Panama/Costa Rica
11/16 - 6.5 Off Chile Coast
11/16 - Nevado del Huila erupt
11/16 - 6.8 Indonesia
11/15 - 6.0 El Salvador
11/10 - 6.3 China
10/27 - 11/29 9 eqs 4.5-5.3 Chile

Feb. 2009 EQ Swarm
2/20 - Chaiten volcano erupts
2/17 - 5.7 Argentina
2/16 - 5.6 Greece
2/15 - 6.2 N. Peru & 5.9 Japan
2/09 - 6.1 N. Peru
2/05 - 5.5 Chile
2/02 - 5.9 Peru
1/31 - 6.0 Japan
1/29 - 5.6 Brazil

Multiple EQs (5.9 - 7.0) in Indonesia and New Zealand. Mt. Asame (Japan) and Mt. Redoubt (Alaska) also active.
One other point of interest with regard to this chain... Much farther south in California lies the Mammoth Lakes region, part of the Mono-Inyo Craters volcanic chain.

The reason I mention this volcano is the unique correlation between its most significant swarm of earthquakes... and the Mt. St. Helens eruption.

Mt. St. Helens experienced hundreds of earthquakes from March 18 - May 18, 1980. The final one - on May 18, 1980 - is the one that triggered the eruption. One week later, Mammoth Lakes experienced 6.2, 5.9 & 5.9 magnitude earthquakes on May 25, 1980 and then a 6.0 on May 27th.

It is hard to ignore this close relationship, leading me to conclude that this ‘dormant’ volcano (Mammoth Lakes) is on the same cycle calendar as the Cascade Volcanoes.

The other interesting point is that since 1980 - and more intensely since another swarm of earthquakes in 1989 (the same year as the Loma Prieta quake of October 1989) - this mountain has been leaking large amounts of Carbon Dioxide that is killing hundreds of trees on its slopes.

Scientists and geologists point to this unique occurence (which has previously been witnessed at Mt. St. Helens and also in Hawaii before eruptions) and the occassional swarms of earthquakes as evidence that this ‘young volcano’ might not be as dormant as once thought.

As we venture through the current period of earthquake swarm cycles (at the same time that the Sunspot Cycle is turning up and likely to trigger major solar storms - and the bombardment of earth with electromagnetic waves - in the next 3-5 years), it is interesting that other U.S. volcanoes (Mt. Redoubt in Alaska, Yellowstone) are exhibiting an increase in activity.

Is this just a normal, ongoing release of pent-up energy... or the ‘transition birth pains’ of something (bigger) soon to come to life?

While these discussions might seem unrelated to the markets - or ‘on the fringe’ with respect to investing - nothing could be farther...
from the truth. These cycles are all related and you cannot compartmentalize life and ignore crucial influences.

If the source of our physical grounding - the earth - is going through a regular period of destabilization, why wouldn't our actions and emotions become a bit destabilized, as well.

Let's look at it another way... It has been often stated that 'As goes California, so goes the U.S.', attributed to the fact California has the 8th largest economy in the world (if it were an independent state). If California earth cycles enter a period of increased activity, what impact will that have on the entire U.S.?

18 - 22 months ago, a lot of readers thought that projections for a 50% drop in the Stock Market - from Oct. 2007 into 2009/2010 - were outlandish.

They're rethinking their skepticism now. IT

See 17-Year Cycle Reports & other INSIIDE Track Publications for add'l analysis on this impending period when major earthquakes (2010-2011) - and then volcanoes (2012-2014) - are expected to plague Earth. Chile, Japan & then the U.S. are the primary focus but Earth Disturbances should span the globe. IT