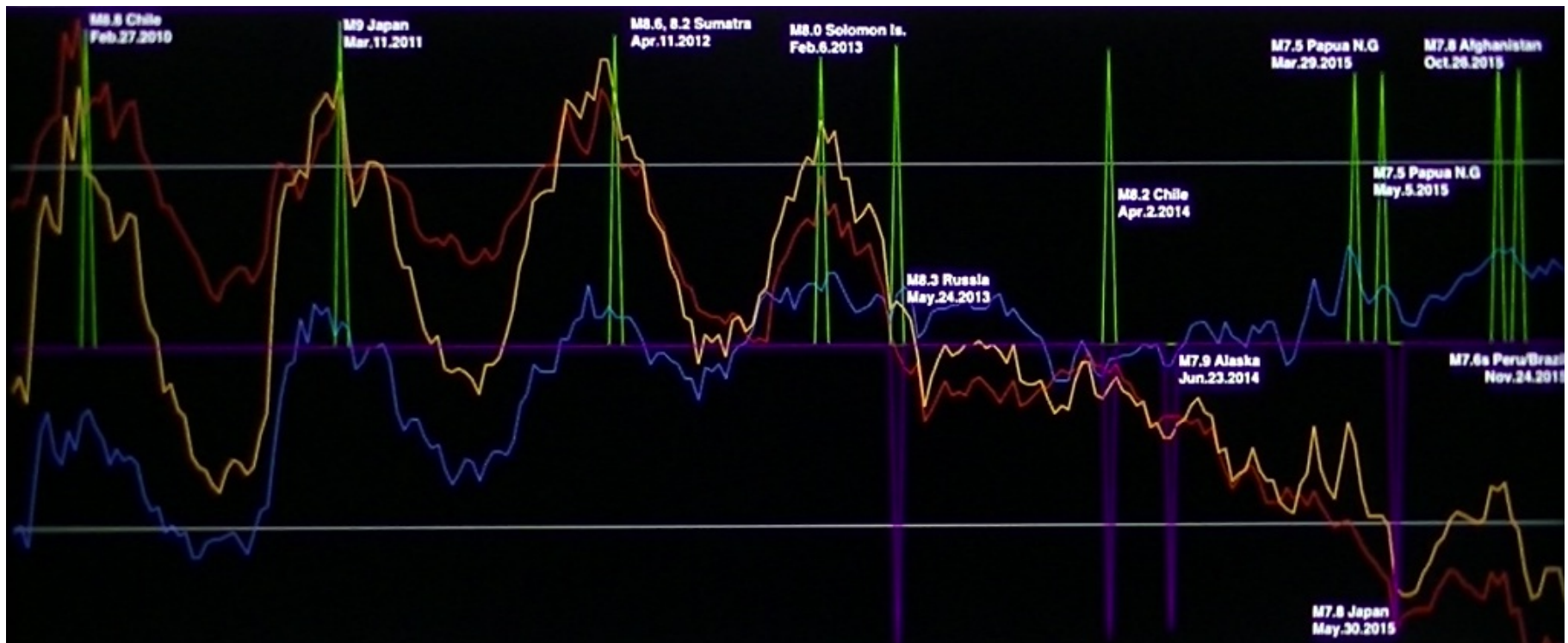


/media/bill/ATA\_WDC\_500G/Climate/References/160417 Davidson video Citizen Science - Model of solar-triggered earthquakes confirmed.odt

**Ben Davidson's model :**

- Large Earthquakes > M8 Earthquakes are tied to solar peak magnetism & polarity reversals (current sheet also comes up).
- Accuracy of the models drops below M7 - Earth doesn't need sun's help for those events, generates internally
- Chart of every major earthquake since 2010 PLUS selected other huge ones going back to 23Jun2001,  
1) not every quake fits model, 2) many of quakes within 2 weeks of solar polar events



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Date	Magnitude	Location	SPF Event(s)	Days from Event
6/23/2001	8.4	Peru	South Reversal, Combined Reversal	<6
12/26/2004	9	Sumatra	Combined Reversal	6
3/28/2005	8.6	Sumatra	South Positive, Combine Positive	8
9/12/2007	8.5	Sumatra	North Negative, Combined Negative	26
2/27/2010	8.8	Chile	South Positive, Combined Positive	5
3/11/2011	9	Japan	South Positive, Combined Positive	2
4/11/2012	8.6, 8.2	Sumatra	Combined Positive	9
2/6/2013	8	Solomon Is.	South Positive, Combined Positive	1
5/24/2013	8.3	Russia	South Reversal	<7
4/2/2014	8.2	Chile	SPF Separation	9
6/23/2014	7.9	Alaska	North Negative, Combined Negative	1
3/29/2015	7.5	Papua New Guinea	North Positive	11
4/25/2015	7.8	Nepal	--	>30
5/5/2015	7.5	Papua New Guinea	North Positive	2
5/30/2015	7.8	Japan	South Negative, Combined Negative	3
9/16/2015	8.3	Chile	SWS Spike	1
10/26/2015	7.8	Afghanistan	North Positive	2
11/24/2015	7.6, 7.6	Brazil, Peru	North Positive	11

Table of every major earthquake since 2010 PLUS selected other huge ones going back to 23Jun2001, 1) not every quake fits model, 2) many of quakes within 2 weeks of solar polar events

endpage

Ben Davidson, <http://www.suspiciousObservers.org>

<https://youtu.be/QlWopdjMrBE> Citizen Science - Model of solar-triggered earthquakes confirmed

- 00:14 Audio start, peak magnetism & polarity reversal
- 00:34 Cool video of electric arc through wood
- 00:43 \*\* Earthquakes > 8.0 Richter (M8) since 2010, tied to solar peak magnetism & polarity reversals
- 00:48 Earthquakes > 8.0 Richter (M8) 2010-May 2013 (4), tied to solar peak magnetism & polarity reversals
- 00:53 Earthquakes > 8.0 Richter (M8) Apr2012-Nov2015 (10), tied to solar peak magnetism & polarity reversals, 3rd party confirmation
- 00:58 This video confirms 5 years of observations & research, relationship between sun's magnetic field & largest earthquakes
- 01:09 New Year's Day 2014 - start of public portion, coronal holes & earthquakes old news, big coincidence of big earthquakes
- 02:00 Ohio State U statistics confirmation, Christopher ?Holloman?, twice-annual and decadal magnetic changes
- 02:51 Graph of solar polar fields since ~mid-1970's from Wilcox Solar Observatory, N&S hemispheres, average (later additive)
- 03:23 Graph of Separation of phases in the solar polar fields cycle polar [minimum,recovery,maximum] @ polarity reversal
- 03:55 Graph of 2000s major earthquakes and solar polar fields, 80% of M8 Earthquakes fall in model time-window (vs 41% random)
- 05:20 Current solar cycle comments
- 05:39 Solar-interplanetary current sheets, coronal holes, Earth-Sun flux events
- 06:21 Chile M8.3 earthquake 16Sep2015, ?Venus? solar windspeed monitoring as proxy of polar fields
- 07:26 Coronal holes pictures
- 07:57 Summarizing - statistical confirmation that model not chance, potentially changing polar field cycle into future
- 08:20 Latest update - 2 more years data while solar fields changing -> model is still holding!
- 09:00 Now adding, rather than averaging solar polar fields
- 09:11 27Feb2010 M8.8 Chile
- 09:26 11Mar2011 M9 Honshu, Japan
- 09:39 11Apr2012 M8 Sumatra (two earthquakes)
- 09:56 06Feb2013 M8 Solomon Islands
- 10:05 24May2013 M8.3 Russia, sharp changes in fields not captured
- 10:43 02Apr2014 M8.2 Chile - information of cycle reversal timing)
- 11:31 23Jun2014 M7.9 Alaska
- 11:55 Graph of solar polar fields Apr-Aug2014
- 12:16 strongest negative magnetism in 5 years
- 12:27 strong surge in solar wind speed (polar field proxy), Stanford can't capture
- 12:47 2015 - all >= M7.5 earthquakes during year, 6 of eight have model timing
- 12:55 dd?Nov?2015 - twin M7.6 same day @ Peru & Brazil

12:55 Mar&May2015 - twin M7.5 Papua, New Guinea, positive Northern field peaks  
13:09 ddmmm2015 - M7.8 Japan, Southern negative peak  
13:18 ddOct2015 M7.8 Afganistan, Northern peak  
13:46 Graph of other two large earthquakes of 2015 that were missed by the model  
13:49 16Sep2015 M8.3 Chile - 10 day polar field averages hide events  
14:13 ?17Apr?2015 M?? Nepal, most deadly event of the year - completely missed by the model  
14:35 \*\* Chart of every major earthquake since 2010 PLUS selected other huge ones going back to 23Jun2001,  
1) not every quake fits model, 2) many of quakes within 2 weeks of solar polar events  
15:23 Accuracy of the models drops below M7 - Earth doesn't need sun's help for those events, generates internally  
15:33 Looking beyond earlyMar2016 - may see effects? Davidson needs to pass this model on to university  
16:35 Will any university profs have guts to take model from amateur?

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