

Confirmed Relationship Between the Dow Jones Industrial Average and our Sun' s Solar Wind Speed

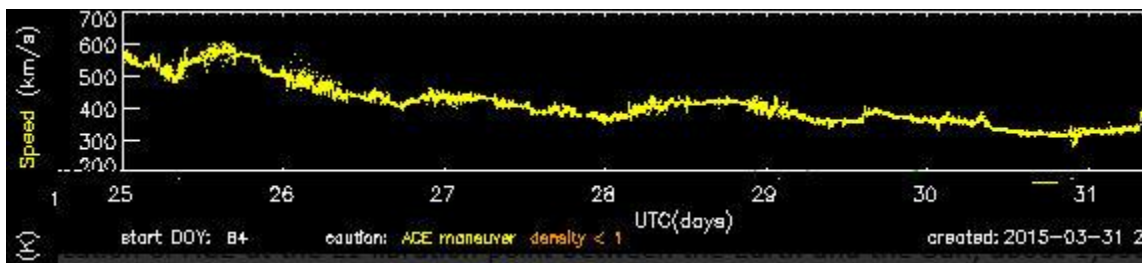
Paper Published by Mr. Scott Rauvers.

Founder of the [Institute for Human Studies on Behavior and Human Health](#).

Revised April 9th, 2015.

There exists a repeatable, confirmed relationship between the sun's solar wind and the dow jones industrial average. While there are many patterns, the most notable pattern that repeats itself most often is when the solar wind of our sun first enters the speed of between 355 and 345. I call this pattern "The 350". The effect this has on the dow jones is that the dow jones industrial average will **close higher for the day or show stronger activity**.

This effect is maximized if the solar wind speed has been at high speeds for 7 or more days and than starts to slowly and gradually decline towards the 350 speed as pictured below.



As we can see from the above image, the solar wind went into a gradual decline from the 26th to the 30th of March of 2015.

The above image was screen captured from the following link below:

<http://www.swpc.noaa.gov/products/ace-real-time-solar-wind>

Another "booster" that will add to the strength of this pattern, is if the sunspot count has been increasing. This is because higher solar activity causes the effects of the solar wind to become amplified.

One notable discovery was that the solar wind has to enter the 350 range **on the precise day** of the week for the dow jones to close higher at the end of the trading day. In some cases if the 350 window occurs on

a Sunday, than the following Monday, the dow will show stronger activity. However this is not always the case and in approximately 90% of the cases, if the 350 occurs on a regular trading weekday, than the dow jones will close higher on that day.

Also this momentum rarely continues on into the following trading day. In other words the dow could shoot up 200 points on a 350 window date, but then drop over 100 points the following day.

Let's take a look at the research and the pattern that emerges.

After reviewing 11 months (for the year 2014) of Solar Wind Data and 11 months of KP data (earth's geomagnetic energy), a pattern emerges.

Below are a summary of the findings. You may view the data by visiting the link below or look the data up yourself with the links provided at the end of this article.

http://www.ez3dbiz.com/solar_wind_350_polarity_to_positive.pdf

Listed below are the dates that the dow jones descended towards 350 after being at high speeds for a period of days before. Also whether the dow closed up higher or lower is shown. You will see that during periods there was no 7 day space between the 350 window, that the dow jones did not close as high or was not as strong. This is because I believe that a "prepressure" builds up during this time. The longer the space between the 350 wind speed and the higher solar wind speed, then the stronger the dow becomes. The best period was found to be between 7 and 14 days.

The dates marked with 3 stars ***. These are dates where the dow closed lower.

February 3rd, 2014. This date was after a weekend. The dow closed up higher.

February 7th, 2014. Dow Closed Up Higher.

March 3rd, 2014. Dow Closed Up Higher.

March 9th, 2014 was a Sunday, which was the day the 350 window occurred. On Monday, the dow closed lower.

April 6th, 2014 was a Sunday, which also was the day the 350 window occurred. On Monday, the dow closed lower.

April 15th, 2014. Dow Closed Up Higher.

April 26th, 2014 was a Saturday. Dow closed up higher on the following Monday.

May 7th, 2014. Dow Closed Up Higher.

May 10th, 2014 was a Saturday. This was 3 days after the last 350 window. Dow closed up higher on the following Monday.

May 13th, 2014. This was 3 days after the previous window. Dow closed lower.

May 26th, 2014 was a Sunday. May 27th, dow closed up higher.

May 29th, 2014. 3 days after last 350 window. Dow Closed up Higher.

June 13th, 2014. Dow Closed up Higher.

*** June 23rd, 2014. Dow Closed up Lower. One of the rare times the dow closed lower at the 350 entry date.

July 12th, 2014. Was a Saturday. Dow Closed Higher on the Following Monday.

July 17th, 2014. Dow Closed up Higher.

July 27th, 2014. Was a Saturday. Dow closed up Higher on the Following Monday.

*** July 29th, 2014. 3 days after the previous 350. Dow Closed Lower.

August 9th, 2014 was a Saturday. Dow closed up higher the following Monday.

August 15th, 2014. Dow Closed up Higher.

August 20th, 2014. Dow Closed up Higher.

*** August 28th, 2014. Dow Closed Lower.

September 5th, 2014. Dow Closed up Higher.

September 9th, 2014. Dow Closed up Higher.

*** September 11th, 2014. Dow Closed Lower. (Could there be a collective memory remaining from the September 11th, 2001 terrorist attacks that caused the dow to close lower? If this is so, than the other dates the dow closes lower on a 350 window may also be demonstrating collective memories from past events)

September 18th, 2014. Dow Closed up Higher.

October 3rd, 2014. Dow Closed up Higher.

October 8th, 2014. Dow Closed up Higher.

October 26th, 2014, was a Saturday. Dow closed up higher the following Monday.

October 29th, 2014. Dow Closed up Higher.

November 22nd, 2014, was a Saturday. Dow closed higher the following Monday.

A total of 27 days the dow jones closed higher when the solar wind speed first entered 350. This includes the following Monday when the solar wind speed had entered on a Saturday.

A total 4 days the dow jones closed lower when the solar wind speed first entered 350.

Also if we plot the days in-between each time our sun's solar wind enters 350, we see that the 350 gateway window occurs on average every 2 weeks.

This means that if you had traded every single day for the above 11 month period, you would have gained a 70% return on your investment. Pretty good considering people loose in the stock market approximately 44% of the time, which is why some people will trade than give up after a loss.

The Second Gateway Window

Research has discovered a second window that causes the dow jones to close higher. This second gateway consists of our sun's x-ray background flux. When it reaches the threshold of between 4.1 and 4.5, either descending or ascending in this area, the dow jones will close higher. After analyzing this pattern further, the pattern with the most power is the descending pattern. Below are highlighted the 'window' periods.

Below shows x-ray flux descending towards 4.1

#	Radio Flux	SESC 10E-6	Area Number	Solar X-Ray New Hemis. Regions	Solar X-Ray Mean Bkgd Field	Flares X-Ray C	Flares M	Flares X	Flares S	Optical
20141001	155	164	770	0	-999 C1.2	1	0	0	14	0 0 0
20141002	149	105	430	0	-999 C1.0	1	2	0	3	1 0 0
20141003	137	128	310	3	-999 C1.1	8	0	0	3	0 0 0
20141004	128	125	370	0	-999 B4.5	4	0	0	4	0 0 0
20141005	128	106	330	0	-999 B4.1	4	0	0	1	0 0 0

Below shows x-ray flux ascending above 4.1

20140829	120	73	470	1	-999 B3.5	6	0	0	5	0 0 0
20140830	123	64	560	0	-999 B4.6	8	0	0	22	0 0 0
20140831	125	90	680	0	-999 B5.1	9	0	0	9	1 0 0

Link for the above source:

http://legacy-www.swpc.noaa.gov/ftpdir/indices/old_indices/2014_DSD.txt

Below are the x-ray background gateway windows and their effect on the dow jones for the year 2014. At the end of this data we will summarize the totals and see that the period between 4.5 and 4.0 is the 2nd gateway identified in the sun's activity.

January 16th, 2014. X-ray background level declining towards 4.5. Dow closed up higher. (1)

January 19th, 2014. X-ray background level declining towards 4.3 January 19th, 2014 was a Saturday. The following Monday the dow closed lower. (NOT ENOUGH SPACE BETWEEN DATES) (--)

January 22nd, 2014. X-ray background level declining towards 4.8. Dow closed lower (NOT ENOUGH SPACE BETWEEN DATES) (--)

March 25th, Data Unknown (spacecraft report not available for this date)

April 3rd, 2014. X-ray background level declining into 4.8. Dow Jones Closed Up Higher. (1)

April 5th, 2014. X-ray background level declining into 3.9. Dow Jones Closed Lower. (NOT ENOUGH SPACE BETWEEN DATES). (--)

April 13th, 2014. X-ray background level increasing above 4.4. April 13th, 2014 was a Sunday. Dow closed up higher on the following Monday. (2)

April 26th, 2014. X-ray background level declining towards 4.4. April 26th, 2014 was a Saturday. Dow closed higher the following Monday. (1)

May 18th, 2014. X-ray background level declining towards 4.4. May 18th, 2014 was a Sunday. Dow closed higher the following Monday. (1)

May 25th, 2014. X-ray background level declining towards 4.1. Trading holiday on the 25th. Dow closed up higher the first day after markets opened on the 27th of May 2014.(1)

June 7th, 2014. X-ray background level increasing past 4.3. June 7th, 2014 was a Sunday. Dow closed higher the following Monday. (2)

June 27th, 2014. X-ray background level increasing past 4.6. Dow closed higher. (2)

July 14th, 2014. X-ray background level declining towards 4.0. Dow closed higher. (1)

July 26th, 2014. X-ray background level increasing past 4.2. Dow closed up higher. (2)

August 6th, 2014. X-ray background level declining towards 4.8. Dow closed up higher. (1)

August 9th, 2014. X-ray background level declining towards 3.9. August 9th, 2014 was a Saturday. Dow closed up higher on Monday. (NOT ENOUGH SPACE BETWEEN THESE DATES AND DOW CLOSED HIGHER< COULD BE FROM THE Seasonal SOLAR WEATHER CONDITIONS WHEN THE 4.0 ENERGY IS STRONGER THIS TIME OF YEAR). (--)

August 20th, 2014. X-ray background level increasing past 3.8. Dow closed higher. (2)

August 27th, 2014. X-ray background level declining into 4.2. Dow closed up higher. (1)

September 19th, 2014. X-ray background level Declining towards 4.5. Dow closed up higher. (1)

October 4th, 2014. X-ray background level declining towards 4.1 October 4th, 2014 was a Saturday. Dow closed up higher the following Monday and the previous Friday before. (1)

October 7th, 2014. X-ray background level declining towards 3.8. Dow closed lower. (NOT ENOUGH SPACE BETWEEN DATES)

November 2nd, 2014. X-ray background level declining towards 4.2. November 2nd, 2014 was a Saturday. Dow closed higher the following Monday. (1)

December 5th, 2014. This was the first time the X-ray background level approached 5.2 after almost an entire month. Dow closed higher on December 5th, 2014. Than the X-ray background level re-rose above the gateway levels between 4.0 and 5.2 for the next few weeks. (2)

December 28th, 2014. X-ray background level declining past 4.3 Dow closed lower. (POSSIBLY DUE TO CHRISTMAS > THIS IS ALSO THE SEASONAL TIME OF YEAR SOLAR ACTIVITY IS LOWEST AND MOST QUIET UNTIL LATE JANUARY FEBRUARY THE NEXT YEAR) (4)

Below shows x-ray flux descending towards 4.1

#	Radio	SESC	Area	Solar X-Ray	Flares															
#	Flux	Sunspot	10E-6	New	Mean	Bkgd	X-Ray	Optical												
#	Date	10.7cm	Number	Hemis.	Regions	Field	Flux	C	M	X	S	1	2	3	4	5	6	7	8	9
2014	10	01	155	164	770	0	-999	C1.2	1	0	0	14	0	0	0	0	0	0	0	0
2014	10	02	149	105	430	0	-999	C1.0	1	2	0	3	1	0	0	0	0	0	0	0
2014	10	03	137	128	310	3	-999	C1.1	8	0	0	3	0	0	0	0	0	0	0	0
2014	10	04	128	125	370	0	-999	B4.5	4	0	0	4	0	0	0	0	0	0	0	0
2014	10	05	128	106	330	0	-999	B4.1	4	0	0	1	0	0	0	0	0	0	0	0

Below shows x-ray flux ascending above 4.1

2014	08	29	120	73	470	1	-999	B3.5	6	0	0	5	0	0	0	0	0	0	0	0
2014	08	30	123	64	560	0	-999	B4.6	8	0	0	22	0	0	0	0	0	0	0	0
2014	08	31	125	90	680	0	-999	B5.1	9	0	0	9	1	0	0	0	0	0	0	0

Totals:

(1) Total Number of Times the Dow Jones **Closed Higher** when the x-ray background flux levels were descending / declining into the gateway window of between 4.5 and 4.0 = 11

(2) Total Number of Times the Dow Jones **Closed Higher** when the x-ray background flux levels were entering / rising past the gateway window of between 4.0 and 4.5 = 6

Grand Total of Stronger Dow Jones Periods = 17

(3) Total Number of Times the Dow Jones **Closed Lower** when the x-ray background flux levels were descending / declining into the gateway window of between 4.5 and 4.0 = 0

(4) Total Number of Times the Dow **Jones Closed Lower** when the x-ray background flux levels were entering / rising past the gateway window of between 4.0 and 4.5 = 1

Grand Total of Lower Dow Jones = 1

Conclusion of analysis: Whenever our sun's x-ray background flux approaches the range **between 4.5 and 4.0, either ascending in value or descending in value** and there has been a space of 7 days or more between these gateways, the dow jones **will close higher that trading day**.

This data includes the rule that if the gateway occurs on a weekend, then the following Monday the dow will close higher.

This data also follows the rule that a minimum of 7 days or more must exist between gateway dates for the dow to close higher. Dates spaced too close together reduce the re-rising force responsible for a stronger dow jones.

Data Summarized

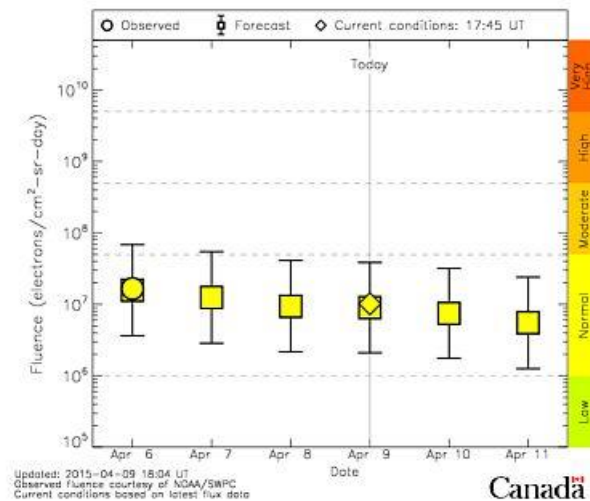
http://www.paradiseexcursion.com/2014_solar_activity.pdf

You may also visit the original research page this data came from by visiting the link below:

http://legacy-www.swpc.noaa.gov/ftpdir/indices/old_indices/2014_DSD.txt

How to Know when the period of between 4.0 and 4.5 is approaching

Review and Forecast of Energetic Electron Fluence (Graphic)

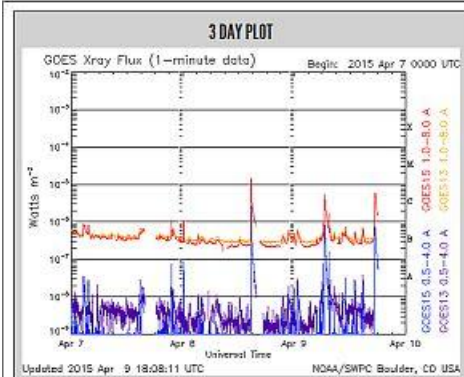


We can use the tools provided courtesy of NOAA to understand when this window approaches. The first is the 2mev forecast. When the 2mev forecast shows a drop in the 2mev levels it means that the intensity of the sun's solar flux is decreasing. Shown to the left is a forecasted drop in the sun's 2 mev level.

2mev forecasting Link:

[http://www.spaceweather.gc.ca/forecast-
prevision/fluence/sffl-eng.php](http://www.spaceweather.gc.ca/forecast-
prevision/fluence/sffl-eng.php)

GOES X-RAY FLUX



The second method to watch for this window is to watch for a decline in the sun's visual red solar flux line. When the sun's red line starts to drop, this means that the solar activity is decreasing and that we can expect a decline in the sun's x-ray background flux. On the left we have an image of the sun's solar flux. As we can see it decreased at the beginning and then towards the end has become more active again.

Red Visual Line Link

<http://www.swpc.noaa.gov/products/goes-x-ray-flux>

Sunspot X-ray data

You can view the daily solar sunspot logs and records of the x-ray background flux at the link below:

http://legacy-www.swpc.noaa.gov/ftplib/indices/old_indices/

How to Use This Information

Trade only on the days you know for sure that the solar wind speed will enter 350 and when our sun's x-ray background flux first approaches between 4.5 and 4.0, especially after a 7 day or more space between..

If using the solar wind, and it enters 350 on a Saturday, you already have 2 days advance warning so you can place trades on the following Monday.

Be sure there is between 7 and 14 days in-between each decline in the solar wind, to allow "pressure" to build, which is then released at the 350 window.

Observe the [NOAA solar wind forecast](#), but don't rely entirely on it. It can provide invaluable information to give clues when the 350 window is open, but at this time (2015) still cannot give the exact 350 window date.

Knowing when the Solar Wind Speed is going to approach the 350 window.

One can use the solar wind forecasts provided by NOAA to get a rough idea of when the 350 window approaches. However because solar wind speed forecasting is still an in-exact science, predictions are never able to give the exact day the 350 window occurs. So intuitive methods are being developed to further narrow down this window.

Another vital clue to know when the 350 window is going to occur is to look at a NOAA solar activity forecasting calendar. During periods when high numbers of sunspots are forecast to decline, the solar wind will start its decline also.

```
#
# 27-day Space Weather Outlook Table
# Issued 2015-03-16
#
# UTC      Radio Flux   Planetary   Largest
# Date     10.7 cm     A Index    Kp Index
2015 Mar 16  115         8           3
2015 Mar 17  112         15          4
2015 Mar 18  110         20          5
2015 Mar 19  108         18          4
2015 Mar 20  100         12          3
2015 Mar 21  95          8           3
2015 Mar 22  95          8           3
2015 Mar 23  100         20          4
2015 Mar 24  105         8           3
2015 Mar 25  110         5           2
2015 Mar 26  110         5           2
2015 Mar 27  110         15          4
2015 Mar 28  110         30          5
2015 Mar 29  105         25          5
2015 Mar 30  105         12          4
2015 Mar 31  105         10          3
```

As shown on the left, the periods where solar activity peaks are in the black rectangular boxes. The periods just after this, you can see the numbers declining. This is the period the solar wind speed will most likely start its long slow decline into the 350 gateway window.

<http://www.swpc.noaa.gov/products/27-day-outlook-107-cm-radio-flux-and-geomagnetic-indices>

Another important clue to watch for is the KP values (earth's geomagnetic activity) will remain steady or become

slightly reduced between 24 and 48 hours after entering the 350 window gate. There are multiple KP forecasting links that can plot this and some are provided at the end of this article.

I strongly encourage you to check the data for yourself to locate this pattern. Even if you had placed stock options or traded on all the days that the 350 window occurred, you would still have come out ahead and been assured of a guaranteed return on your investment.

You may view the data that this information came from by visiting the link below

Data References

2014 Solar Wind Speed Historical Data (data towards bottom of page)

<ftp://ftp.swpc.noaa.gov/pub/lists/ace2/>

2014 KP Historical Activity

ftp://ftp.swpc.noaa.gov/pub/indices/old_indices/2014_DGD.txt

2014 Dow Jones Closing Historical Dates (click on dow near bottom of page to access data)

www.etrade.com (click on dow near bottom of page to access data)

KP (earth's geomagnetic activity) Links:

Lockheed Space Weather Forecasting

<http://spawx.nwra.com/spawx/ap.html>

Space Environment Prediction Center

eng.sepc.ac.cn/ApForecast.php

Space WeatherLive!

<http://www.spaceweatherlive.com/en/auroral-activity/aurora-forecast>

Solar Wind Speed Forecasting Links:

Solar Wind Speed Forecast

<http://www.solarham.net/www.htm>

ESA Expert Service Center for Solar & Heliospheric Weather

<http://swe.uni-graz.at/solarwind/>

Wang-Sheeley-Arge model

http://legacy-www.swpc.noaa.gov/ws/predvel_7d.html

Current Real Time Solar Wind Speed

http://mms.rice.edu/realtime/sw_speed.jpg

*Additional Reports Confirming Repeating Patterns in Solar Activity and Human Events
Discovered by EZ3DBIZ.com.*

Identifying Future Major Terrorist Attacks. The Stage 2 Condition Orange.

http://www.ez3dbiz.com/violence_analysis.html

Bringing Global Peace by Predicting Major Attacks of Violence

http://www.ez3dbiz.com/solar_activity_and_terrorism.html

U.S. Markets and Solar Influences

http://www.ez3dbiz.com/us_markets_and_solar_activity.html

Sunspots and Influenza Pandemics

http://www.ez3dbiz.com/sunspots_and_influenza_pandemics.html

How to Find Changes in Your Local Weather Using the Sun's Solar Flux

http://www.ez3dbiz.com/sun_influencing_microclimates.html

How Excessive Geomagnetic Energy Causes Psychological Outbreaks of Violence

http://www.ez3dbiz.com/earth_behavior.html

Further Reading:

Do Our Sun and Stock Market Share a Rhythm. Article by NASA

Astrophysicists at the University of Warwick have applied data analysis methods used to model stock market fluctuations, to explore changes in the solar wind (the sun's expanding atmosphere). They have discovered that the fluctuations in the solar wind follow the same kinds of patterns seen in the stock markets -- particularly when it comes to the number of extreme events or large fluctuations.

http://solarsystem.nasa.gov/news/display.cfm?News_ID=3174

The Solar Winds Effect on the U.S. Stock Market. Research Article by Time-Price-Research.

<http://time-price-research-astrofin.blogspot.com/p/solar-activity-markets.html>

Stock Market Swings Help Researchers Understand Extreme Events In Solar Wind

<http://www.sciencedaily.com/releases/2002/07/020726081058.htm>