

Monday November 24, 2014

Closing prices of November 21, 2014

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Monday November 24, 2014

Closing prices of November 21, 2014

Stocks traded higher once again last week with a big jump on Friday coming from an interest rate cut from the People's Bank of China and Mario Draghi of the ECB talking about more stimulus. Because of these central bankers major indexes were led on the week by the Bank of New York Mellon ADR Index, up 1.78%, of which 1.61% came on Friday. The NYSE Composite was up 0.78% for the week, followed by the S&P 500, up 0.52% and on a five-week winning streak. The laggards were the Russell 2000 (small caps) up 0.06%, and quarter-to-date leader Dow Jones Transports, up 0.35%. **New highs were recorded last week by the S&P 500, the S&P 1500, the Dow Jones Industrials, the S&P Midcap 400, the Nasdaq 100, the Nasdaq Composite, and the Dow Jones Transports.**

Nine of the ten S&P sectors traded higher last week. The leaders for the week were Materials, up 2.76%, Energy, up 2.5%, and Utilities, up 1.70%. The laggards were Telecom Services, down 1.80%, Information Technology, up 0.42%, and Financials, up 0.67%. Six of the ten sectors recorded new 12-month highs.

Twenty of the twenty-four S&P industry groups traded higher. The leaders were Semiconductors & Equipment, up 3.02%, Consumer Durables & Apparel, up 2.97%, Materials, up 2.76%, and Energy, up 2.50%. The losers were led by Telecom Services, down 1.80%, Software & Services, down 1.07%, and Commercial & Professional Services, down 0.33%. Eleven of the twenty-four industry groups made new 12-month highs.

Last week we said in the short-term stocks remained overbought, options buyers remained optimistic, and the negative divergences we detailed the prior week still existed. Once again stocks powered through the negative divergences as they have during much of 2014. Two other things we highlighted last week were **"if investors shouldn't fight the Fed why would anyone want to fight the Fed, the Bank of Japan, and the ECB all at the same time?"** and **"we have been stressing the need for investors to be alert to sector rotation, and we do want to highlight that again at this time."** These two statements go hand in hand and last week's leaders bear out this advice. The quarter-to-date leading major indexes, the Dow Jones Transports and the Russell 2000, were the laggards last week while quarter-to-date worst Bank of New York Mellon ADR Index led. The worst and third worst sectors quarter-to-date, Materials and Energy, were the leaders last week, and lagging commodities gold, crude oil, and natural gas rallied last week.

In the short-term for equities, as Yogi Berra supposedly said, "it's déjà vu all over again." We can make the identical statements now regarding an overbought condition, optimistic options buyers, and negative divergences. We have fewer stocks making new highs, the percentage of stocks over their own 10 and 20-day moving averages is showing negative divergences, and the advance-decline line hasn't surpassed its high of November 12th. Also again, fortunately, sellers are on the sidelines, which is one reason we have been saying we don't expect any pullbacks to be deep. Also, we are just ahead of a period of extremely positive seasonality which runs from 11/25 through 12/4. After that we get into December tax selling season, so there could be some mid-December softness, and then we expect a good finish to the year. We repeat our advice from last week (and add the PBOC) that the old tried and true axiom is "don't fight the Fed." **If investors shouldn't fight the Fed why would anyone want to fight the Fed, the Bank of Japan, the ECB, and the People's Bank of China all at the same time? Investors need to remain alert for sector rotation.**

Longer-term the S&P 1500 advance-decline line made a new high November 12th, confirming the new high in the S&P 1500 at that time and pointing to higher prices in the future. On October 24th we recorded a "breadth thrust" buy signal, which has a history of predicting multi-month strength in equities. In addition, we are in the best three and six month periods of the year for stocks on a historical basis. **Therefore, we remain bullish, and as we said the last three weeks, we don't think any pullbacks will be severe.**

Valuation, based on spreads between equity and bond yields, reached levels not seen since June 2013 in mid-October. They are currently in the middle of the range they have traded in since June 2013, and have hardly fluctuated the last two weeks. These are levels where stocks should be very attractive versus bonds. Unfortunately, even though earnings season has been very positive aggregate projections for 2015 have been coming down. We need to see this reversed and projections to start rising again, or stocks will have to rely on P/E multiple expansion for price appreciation. A lot of the decrease in estimates can be attributed to the energy sector, but we still need to see the aggregate numbers move up.

So far 486 of the S&P 500 have reported third quarter earnings. 75.1% beat estimates, 8.9% were in line, and 16.1% missed. Last quarter after 487 had reported 67.7% beat, 12.1% were in line, and 20.2% missed. For the entire second quarter 67.3% beat estimates, 12.4% were in line, and 20.3% missed. In Q1 70.4% beat estimates, 9.1% were in line, and 20.5% missed. The final tally for the fourth quarter was 67.2% beat, 12.9% were in line, and 19.9% missed.

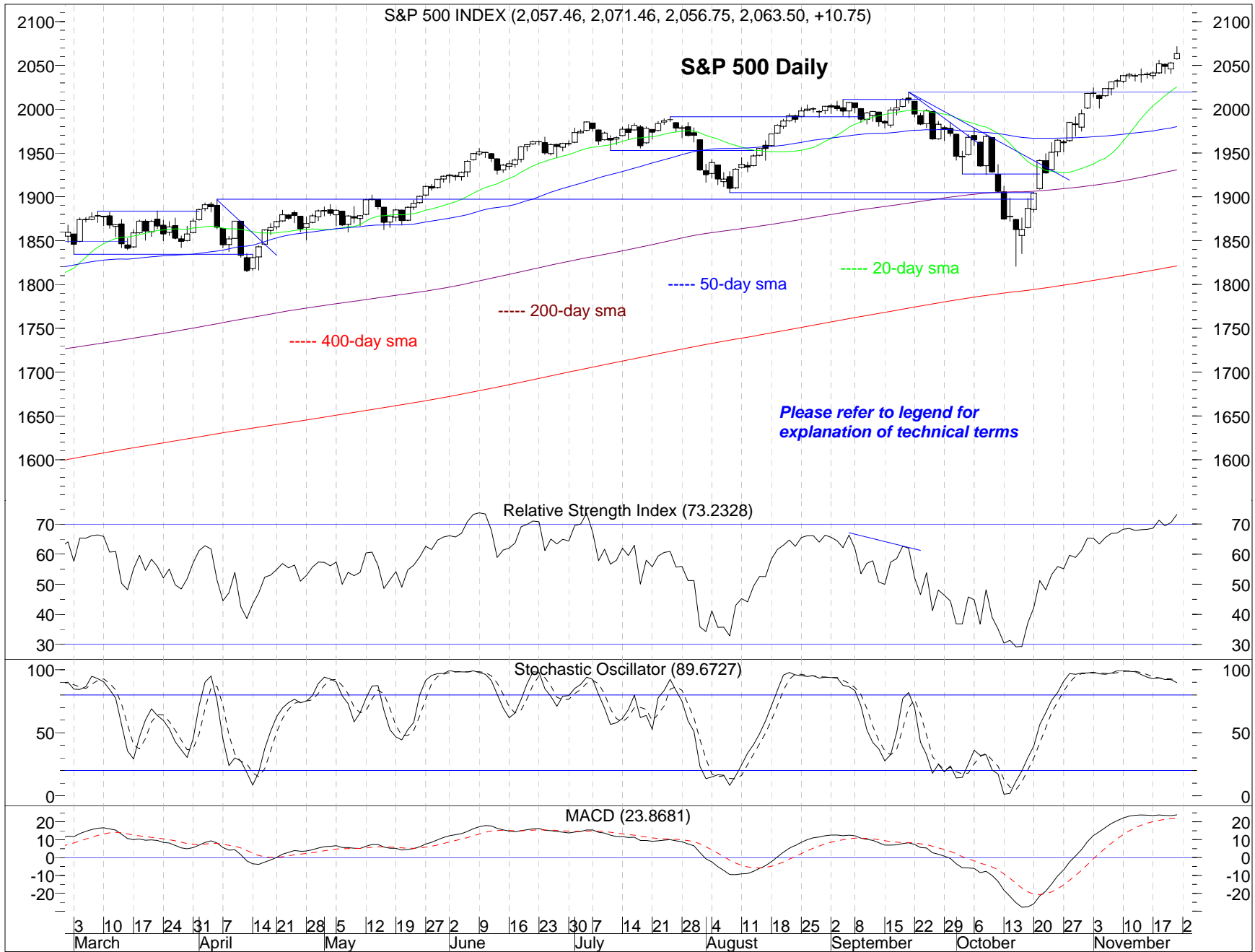
In summary, the very strong rally since the October 15th low broke multiple resistance levels and created many buy signals, sending stocks to new highs and overbought levels. Q3 earnings season has been very positive, but it is almost over, so that catalyst will be gone. Therefore, a pullback or consolidation can occur at any time. We have very strong seasonality 11/25 through 12/4, then we have December tax selling season. We don't think any pullback will be deep, and we expect a good finish to the year. The strong breadth statistics during this rally off the October low point to further strength in the future, and we are in the best three and six-month periods of the year for stocks. Investors need to be alert to sector rotation.

Based on the S&P 500 the short-term, intermediate-term, and long-term trends are up.

THE NEXT ISSUE OF THE KAUFMAN REPORT WILL BE DECEMBER 15TH.

ALL STATISTICS IN THE KAUFMAN REPORT ARE AVAILABLE ON A DAILY BASIS AT PHOENIX FINANCIAL SERVICES.

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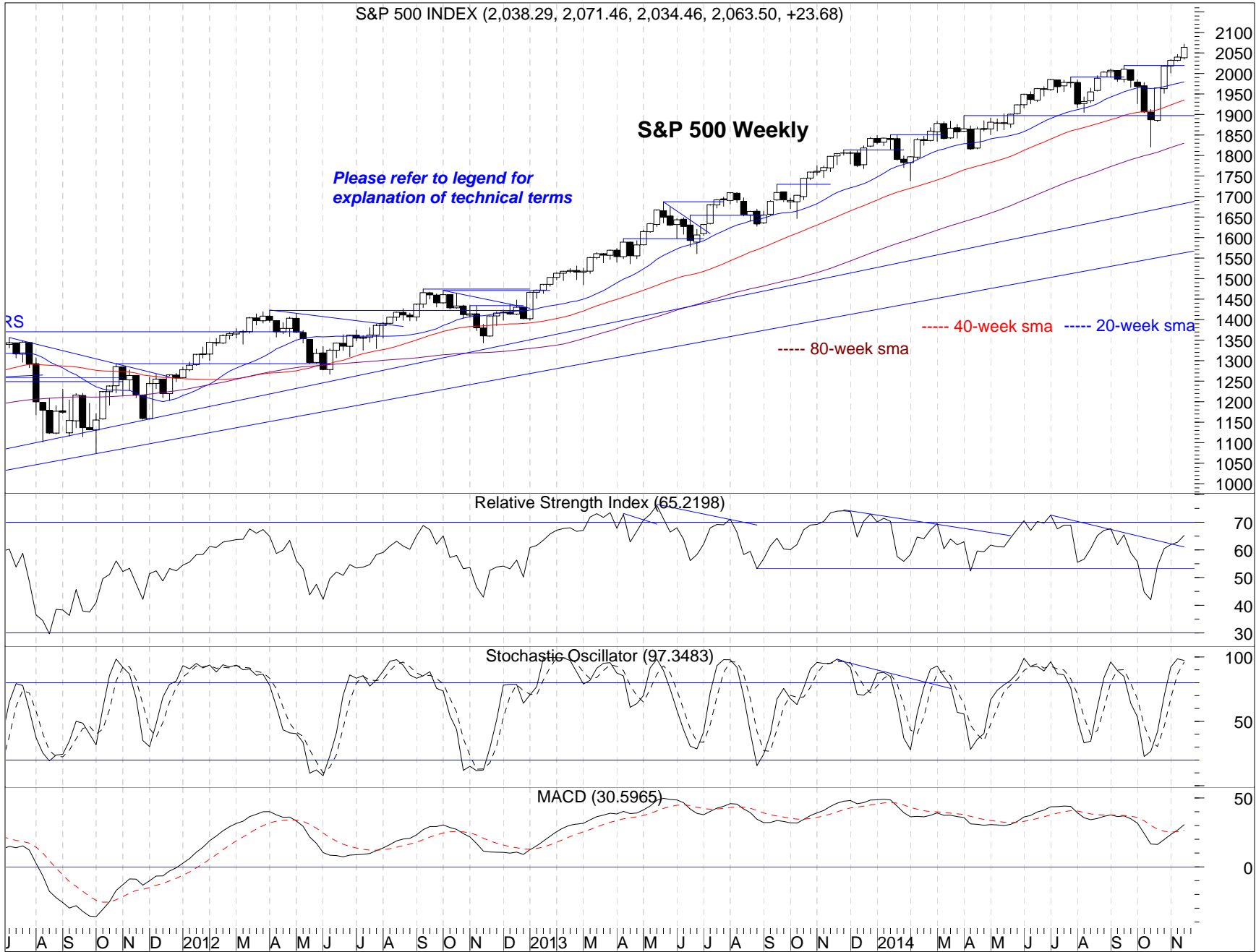


The S&P 500 gapped up at the open Friday but sold off printing a bearish shooting star-like candle on the daily chart.

Daily momentum is mostly positive but at overbought levels.

11/22/2014

S&P 500 INDEX (2,038.29, 2,071.46, 2,034.46, 2,063.50, +23.68)



Five consecutive higher weeks for the S&P 500 and another new high.

Weekly momentum remains positive but with negative divergences.

11/22/2014

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S&P 500 INDEX (2,018.21, 2,071.46, 2,001.01, 2,063.50, +45.45)

Please refer to legend for explanation of technical terms

S&P 500 Monthly

----- 12-month sma

----- 3-month sma

Relative Strength Index (76.6066)

Stochastic Oscillator (90.7797)

MACD (141.124)

In October the S&P 500 plunged below the ascending price channel it has been in since mid-2012, but it rebounded to close back in it and above its 3-month sma. So far in November it remains in that price channel and above its 3-month sma, currently at 2017.95.

Monthly momentum remains positive.

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

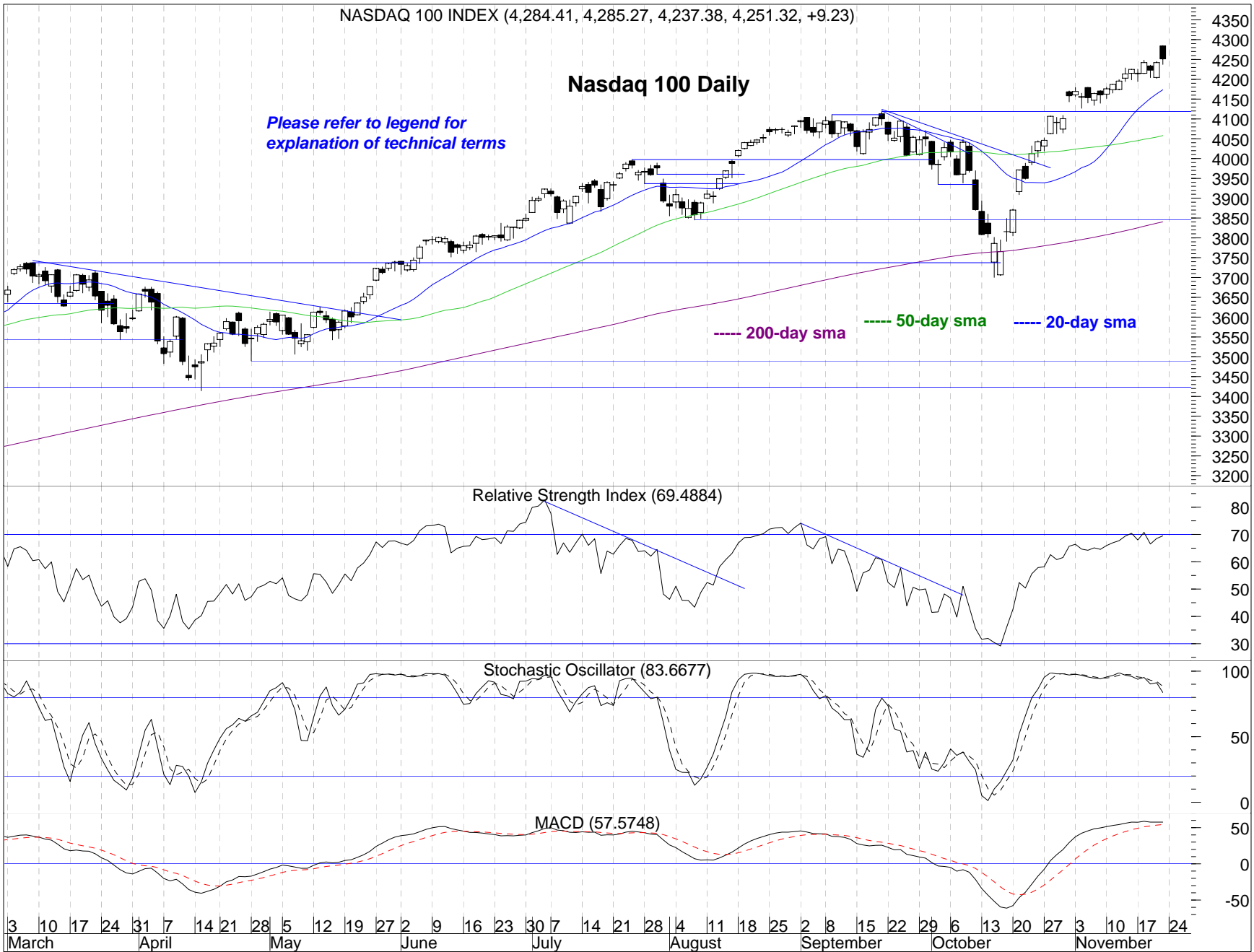
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11/22/2014

NASDAQ 100 INDEX (4,284.41, 4,285.27, 4,237.38, 4,251.32, +9.23)

Nasdaq 100 Daily

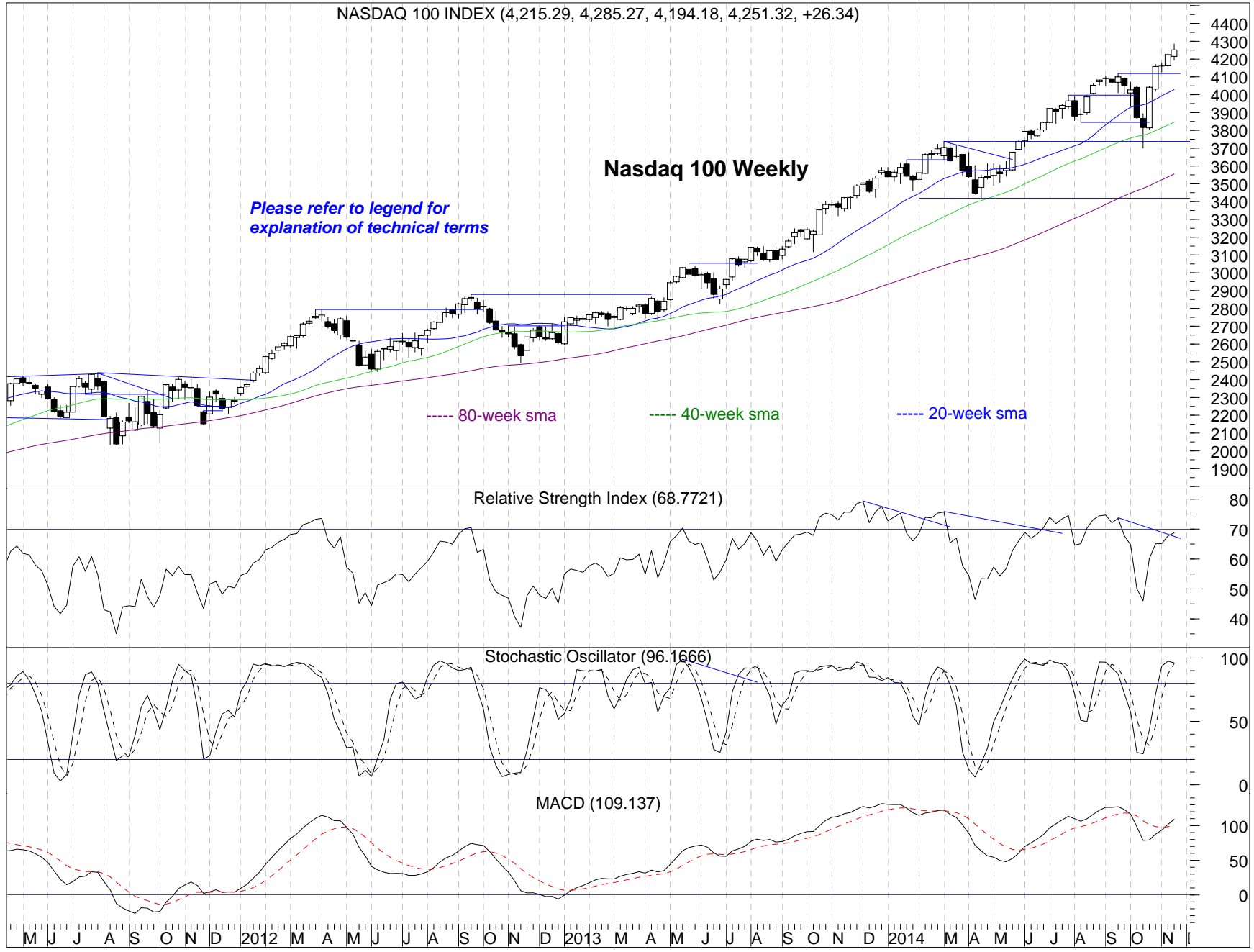
Please refer to legend for explanation of technical terms



Gapping up at the open Friday but bearishly selling off after that. The NDX still printed a new closing price high.

Daily momentum is mostly positive but threatening to roll over.

NASDAQ 100 INDEX (4,215.29, 4,285.27, 4,194.18, 4,251.32, +26.34)



Please refer to legend for explanation of technical terms

Nasdaq 100 Weekly

----- 80-week sma ----- 40-week sma ----- 20-week sma

Relative Strength Index (68.7721)

Stochastic Oscillator (96.1666)

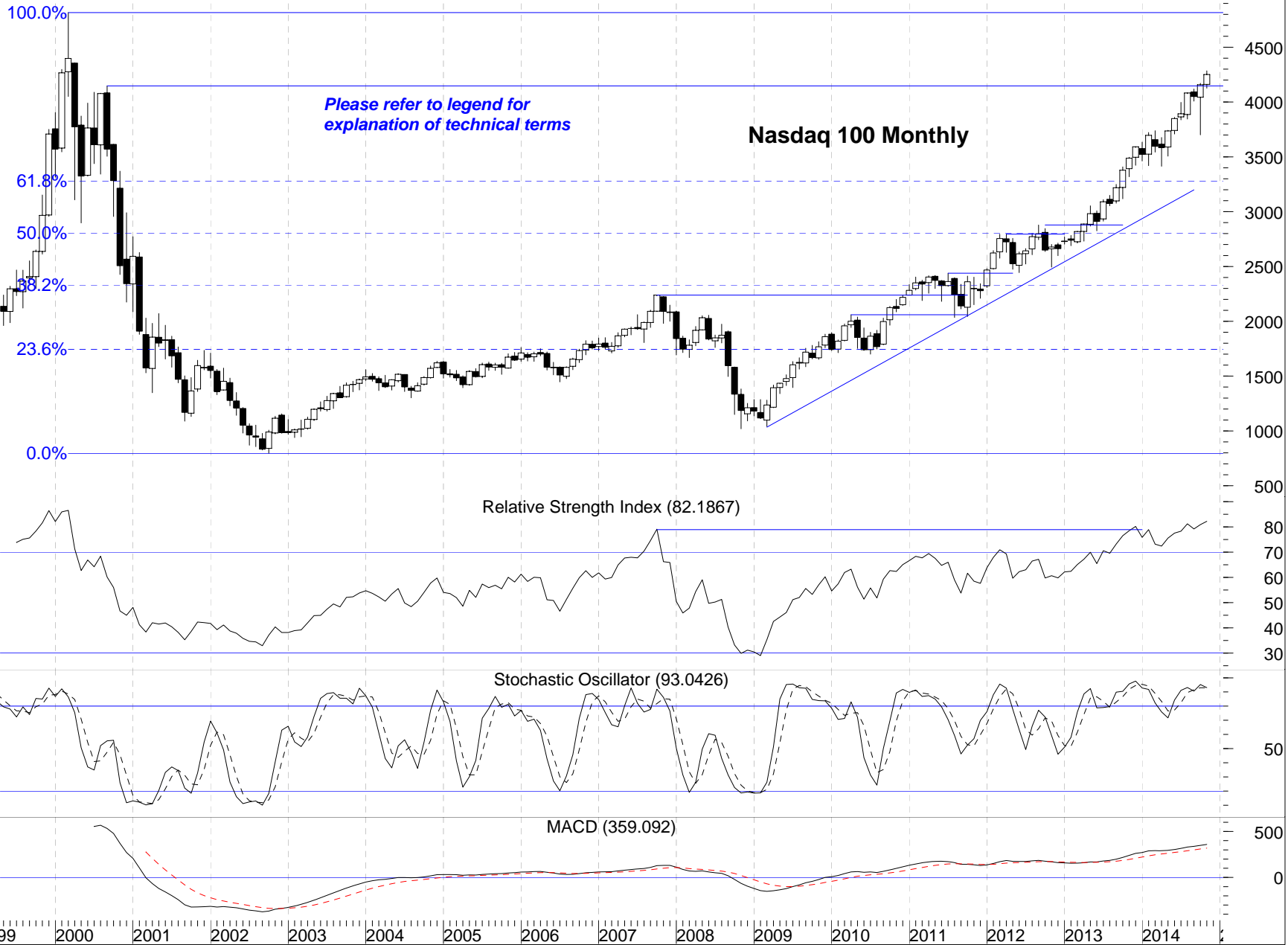
MACD (109.137)

Another weekly high for the Nasdaq 100.

Weekly momentum remains positive but with negative divergences and the stochastic is overbought.

11/22/2014

NASDAQ 100 INDEX (4,160.60, 4,285.27, 4,126.72, 4,251.32, +93.11)



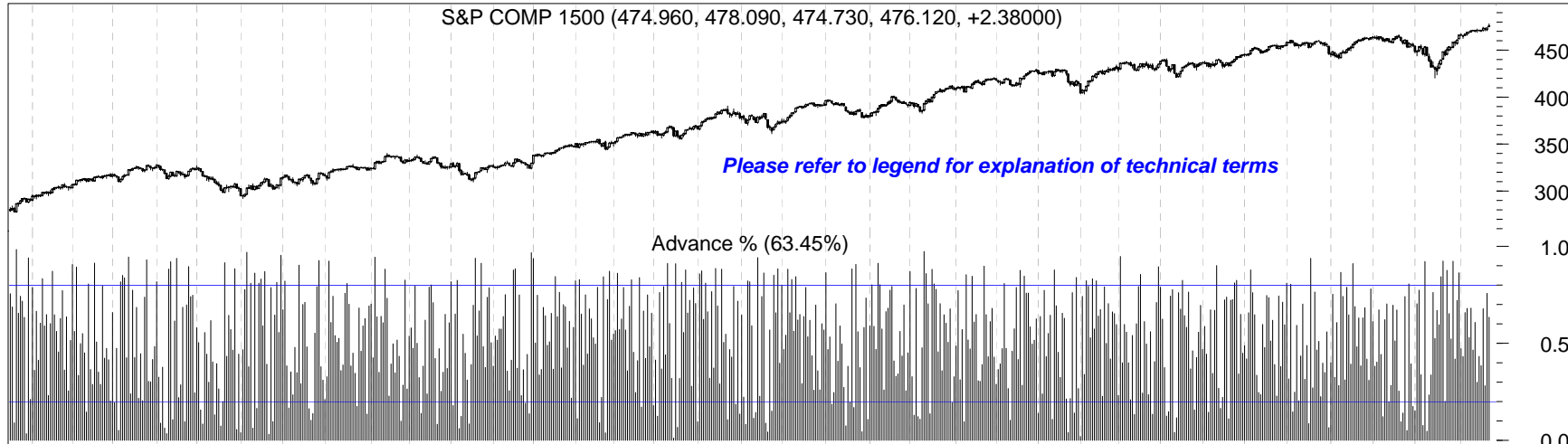
The Nasdaq 100 has moved above the resistance of September 2000. It is not too far from the all-time monthly closing high of 4,397.84 of September 2000.

Monthly momentum remains positive.

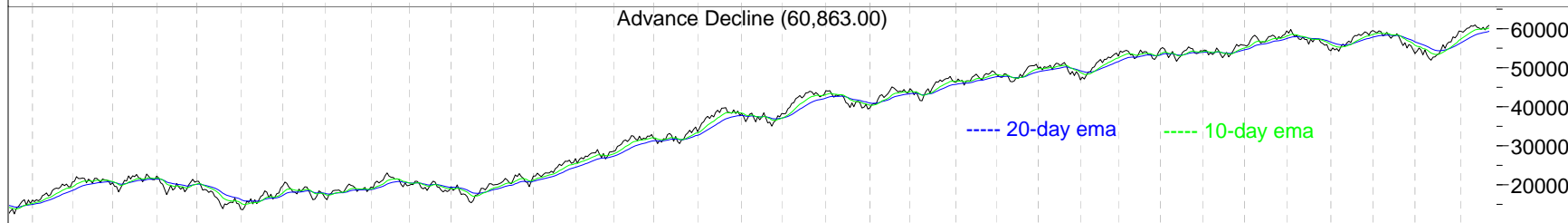
11/22/2014

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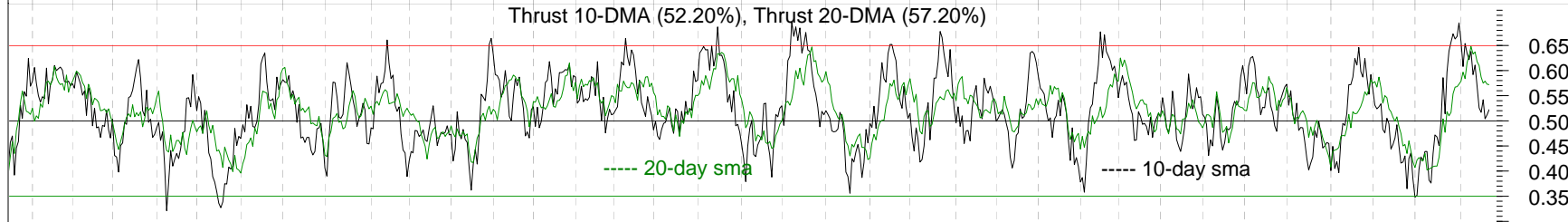
S&P COMP 1500 (474.960, 478.090, 474.730, 476.120, +2.38000)



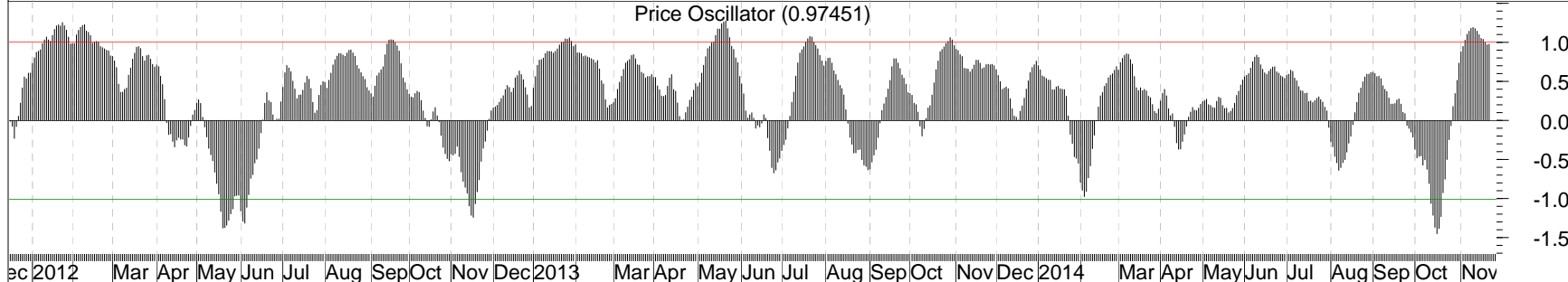
On Friday 63.45% of the S&P 1500 advanced. In spite of the new high in the index there hasn't been an 80% day since October. The 5-day average is 54.7%.



The AD line is still 97 net advancers under its high of 11/12.



Positive breadth numbers here but deterioration from last week's levels.



Our price oscillator, a good indicator of trends, remains in positive territory but is still at levels where pullbacks are common.

ec 2012 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2013 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2014 Mar Apr May Jun Jul Aug Sep Oct Nov

11/22/2014

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S&P COMP 1500 (474.960, 478.090, 474.730, 476.120, +2.38000)

Please refer to legend for explanation of technical terms

% Over 10-Sma (58.00%)

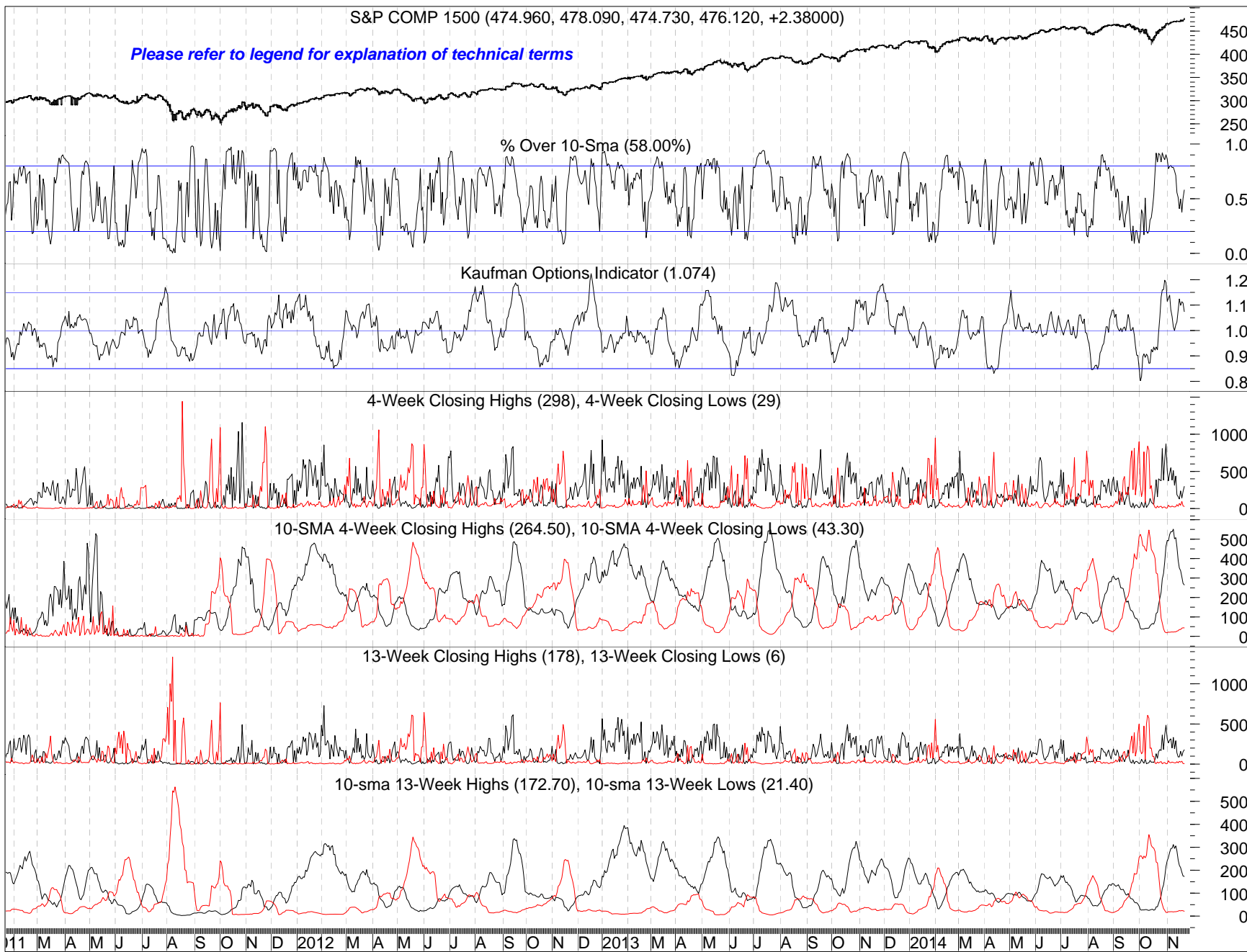
Kaufman Options Indicator (1.074)

4-Week Closing Highs (298), 4-Week Closing Lows (29)

10-SMA 4-Week Closing Highs (264.50), 10-SMA 4-Week Closing Lows (43.30)

13-Week Closing Highs (178), 13-Week Closing Lows (6)

10-sma 13-Week Highs (172.70), 10-sma 13-Week Lows (21.40)



In spite of new highs in the S&P 1500 only 58.0% of its stocks are above their own 10-day moving averages, a negative divergence.

Our proprietary options indicator is still showing optimism on the part of options buyers. We prefer pessimism.

Many fewer stocks are making new highs even as the S&P 1500 makes new highs, a negative divergence. Fortunately sellers are on the sidelines and the number of new lows remains small.

11/22/2014

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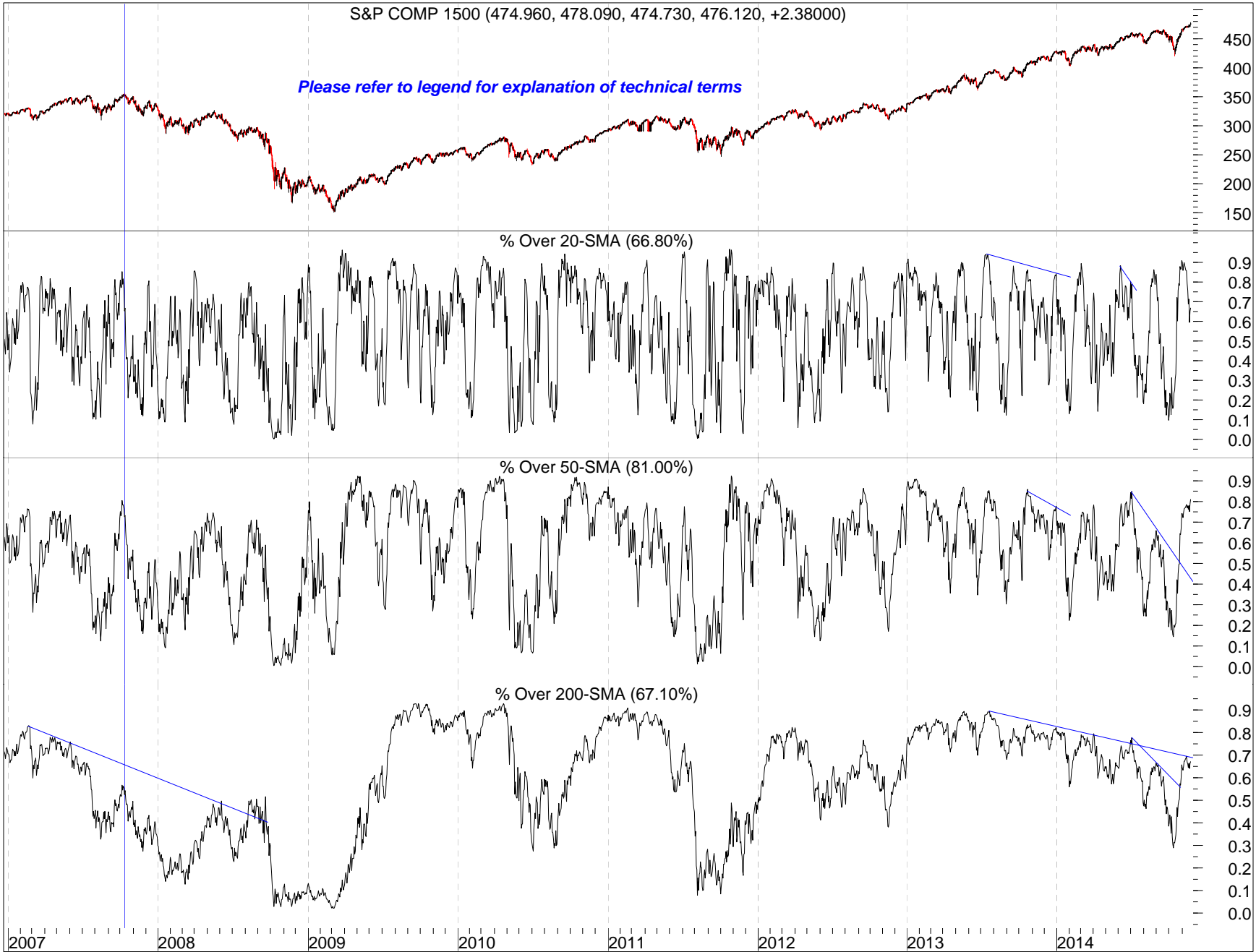
S&P COMP 1500 (474.960, 478.090, 474.730, 476.120, +2.38000)

Please refer to legend for explanation of technical terms

% Over 20-SMA (66.80%)

% Over 50-SMA (81.00%)

% Over 200-SMA (67.10%)



Last week 75.8% of stocks were over their own 20-day sma versus 66.8% this week. This just looks like buyers getting tired since the percentages of stocks over their longer-term 50 and 200-day moving averages actually improved slightly last week.

11/22/2014

10 Y TSY YLD NDX (23.40, 23.45, 23.15, 23.15, -0.20)

Please refer to legend for explanation of technical terms

10-Year Note Yield Daily

----- 200-day sma ----- 50-day sma ----- 20-day sma

The 10-year note yield has traded in a sideways range since the end of October. It is under its 20-day sma.

Relative Strength Index (47.1246)

Stochastic Oscillator (37.3220)

MACD (-0.00187)

Daily momentum is mostly negative.

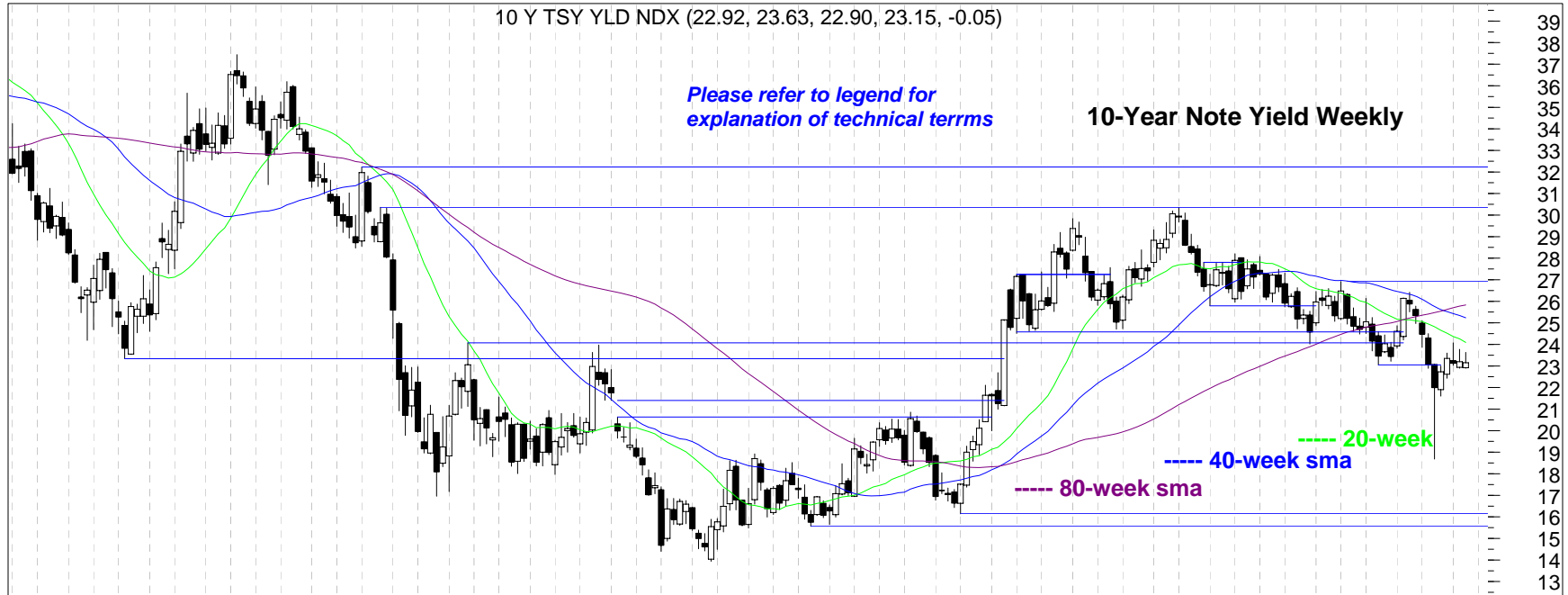
December 2014 February March April May June July August September October November

11/21/2014

10 Y TSY YLD NDX (22.92, 23.63, 22.90, 23.15, -0.05)

Please refer to legend for explanation of technical terms

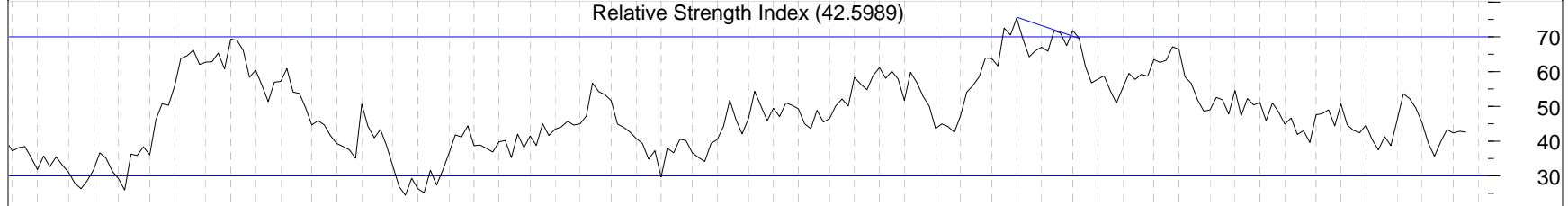
10-Year Note Yield Weekly



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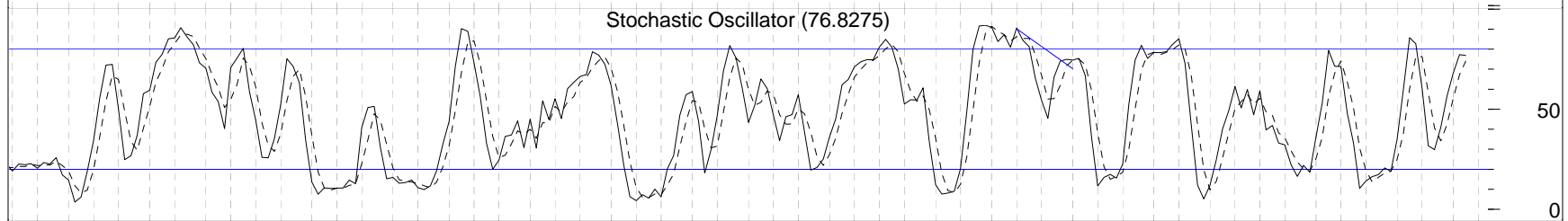
The 10-year note yield keeps pulling back from just under its 20-week sma.

Relative Strength Index (42.5989)

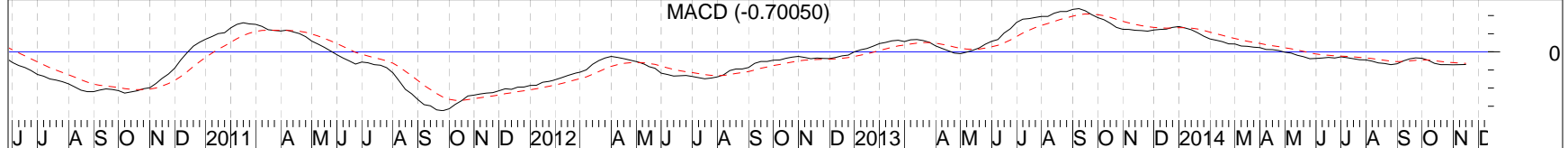


Weekly momentum is mixed.

Stochastic Oscillator (76.8275)



MACD (-0.70050)



J J A S O N D 2011 A M J J A S O N D 2012 A M J J A S O N D 2013 A M J J A S O N D 2014 M A M J J A S O N E

11/21/2014

10 Y TSY YLD NDX (23.25, 24.07, 22.90, 23.15, -0.20)

Please refer to legend for explanation of technical terms

10-Year Note Yield Monthly

-----12-Month sma - - - - - 3-Month sma

The 10-year note remains just under its 3-month sma on its monthly chart. October's candle was a hammer, which is a bottoming candle.

Relative Strength Index (47.1269)

Monthly momentum is mixed.

Stochastic Oscillator (54.6745)

MACD (0.31929)

2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

11/21/2014

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US Dollar Currency Index (87.6340, 88.3880, 87.4480, 88.2850, +0.69400)



The U.S. Dollar Index is making new rally highs on its daily chart.

Daily momentum is mostly positive but showing multiple negative divergences.

11/21/2014

US Dollar Currency Index (87.5080, 88.3880, 87.1820, 88.2850, +0.76000)

U.S. Dollar Index Weekly



The U.S. Dollar Index is showing tremendous strength as it blows right through the "tweezers top" of the prior two weeks to print new highs. Bearish patterns negated are bullish.

Weekly momentum is positive.

11/21/2014

US Dollar Currency Index (87.0800, 88.3880, 86.8790, 88.2850, +1.36800)

Please refer to legend for explanation of technical terms

U.S. Dollar Index Monthly

--- 3-month sma

--- 12-month sma

Relative Strength Index (69.7016)

Stochastic Oscillator (97.4264)

MACD (1.31538)

The U.S. Dollar Index is challenging multi-year highs on its monthly chart. It is at the highest level since June 2010, and a November close above 88.008 would be the highest monthly close since 2006.

Monthly momentum is positive but overbought.

0 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

11/21/2014

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UNITED STATES OIL ETF (29.0600, 29.1400, 28.7100, 29.1000, +0.3700)

U.S. Oil ETF Daily

For more information about USO or to obtain a prospectus go to the "Investment Specific Disclosure" page at the end of the chart section of The Kaufman Report.

Please refer to legend for explanation of technical terms

----- 200-day sma

----- 50-day sma

----- 20-day sma

After breaking multiple support levels the oil ETF has finally bounced back up through resistance in the form of a broken prior support. It is not far from its plunging 20-day sma.

Daily momentum has turned positive from oversold levels.

Relative Strength Index (41.1907)

Stochastic Oscillator (24.3502)

MACD (-0.83956)

10 17 24 31 7 14 21 28 5 12 19 27 2 9 16 23 30 7 14 21 28 4 11 18 25 2 8 15 22 29 6 13 20 27 3 10 17 2

ch

April

May

June

July

August

September

October

November

11/21/2014

UNITED STATES OIL ETF (28.4600, 29.1400, 28.1000, 29.1000, +0.2700)

For more information about USO or to obtain a prospectus go to the "Investment Specific Disclosure" page at the end of the chart section of The Kaufman Report.

USO - United States Oil Fund ETF Weekly

Please refer to legend for explanation of technical terms

---- 40-week sma - - - - 10-week sma

The oil ETF broke important long-term support two weeks ago. Last week it rebounded up to that area of broken support, which is now resistance.

Relative Strength Index (24.0830)

Stochastic Oscillator (20.0324)

MACD (-1.80528)

Weekly momentum is starting to turn positive from very oversold levels.

10 A M J J A S O N D 2011 A M J J A S O N D 2012 A M J J A S O N D 2013 A M J J A S O N D 2014 M A M J J A S O N E

11/21/2014

UNITED STATES OIL ETF (30.5100, 30.7200, 28.1000, 29.1000, -1.5300)

For more information about USO or to obtain a prospectus go to the "Investment Specific Disclosure" section on the fourth to last page of The Kaufman Report.

USO - United States Oil Fund ETF Monthly

Please refer to legend for explanation of technical terms

----- 12-month sma

----- 3-month sma

The oil ETF is trying to hang on to the lower boundary of the sideways multi-year channel it has been trading in.

Relative Strength Index (36.2717)

Stochastic Oscillator (7.61972)

MACD (-0.81220)

Monthly momentum is negative although the stochastic is very oversold.

2006

2007

2008

2009

2010

2011

2012

2013

2014

2

11/21/2014

SPDR GOLD SHARES ETF (115.5800, 115.9600, 114.4700, 115.3900, +0.5300)

Gold ETF Daily



The gold ETF has rallied through resistance in the form of its 20-day sma and the prior broken support level to reach its 50-day sma.

Daily momentum is positive.

11/21/2014

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SPDR GOLD SHARES ETF (113.9700, 115.9600, 112.8800, 115.3900, +0.9200)

GLD Weekly



For more information about GLD or to obtain a prospectus go to the "Investment Specific Disclosure" page at the end of the chart section of The Kaufman Report.

Please refer to legend for explanation of technical terms

----- 40-week sma

----- 10-week sma

Relative Strength Index (39.9856)

Stochastic Oscillator (42.5362)

MACD (-2.63409)

The gold ETF printed a hammer candle on its weekly chart three weeks ago. Hammers are bottoming candles. Two weeks ago it printed a bullish engulfing candle. Last week it rallied through resistance at the prior broken long-term support to reach its 10-week sma.

Weekly momentum is mostly positive.

11/21/2014

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SPDR GOLD SHARES ETF (112.3900, 115.9600, 109.6700, 115.3900, +2.7300)



For more information about GLD or to obtain a prospectus go to the "Investment Specific Disclosure" page at the end of the chart section of The Kaufman Report.

Please refer to legend for explanation of technical terms

GLD Monthly

---- 3-month sma

---- 12-month sma

The gold ETF has rallied to just above its 3-month sma. If it can close November above 116.61 that will print a bullish engulfing candle on its monthly chart and would be very bullish. Three weeks ago we discussed the possibility of the break of long-term support as a possible bear trap. A bullish engulfing candle would probably confirm that. At the very least it should create a move to the difficult resistance at the 120 area.

Monthly momentum is still mostly negative.

11/21/2014

BRCLYS BK IPATH BLOOM COPPER SUB ETN (36.9600, 37.0300, 36.6200, 36.7600, +0.3500)

For more information about JJC or to obtain a prospectus go to the "Investment Specific Disclosure" page at the end of the chart section of The Kaufman Report.

Copper ETN Daily

Please refer to legend for explanation of technical terms

----- 200-day sma ----- 50-day sma ----- 20-day sma

The copper ETN, representing the metal with a Ph.D. in economics, has broken above its multi-week range and is back over its 20 and 50-day sma.

Relative Strength Index (51.5285)

Stochastic Oscillator (54.6326)

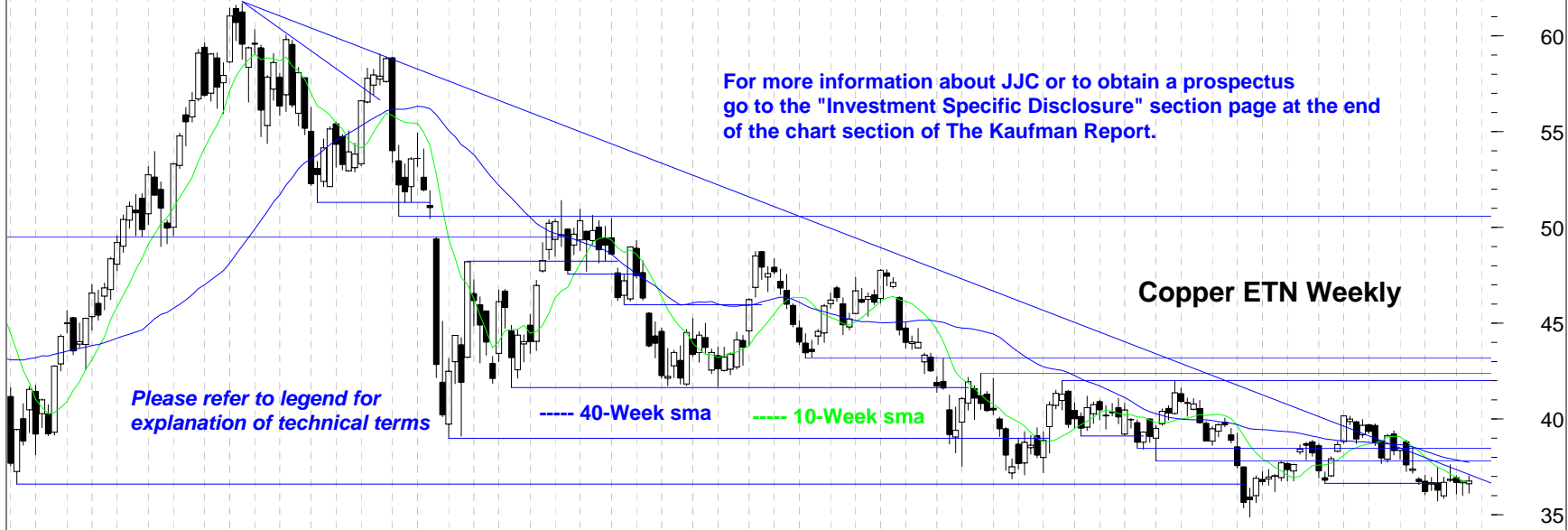
MACD (-0.08228)

Daily momentum is all positive.

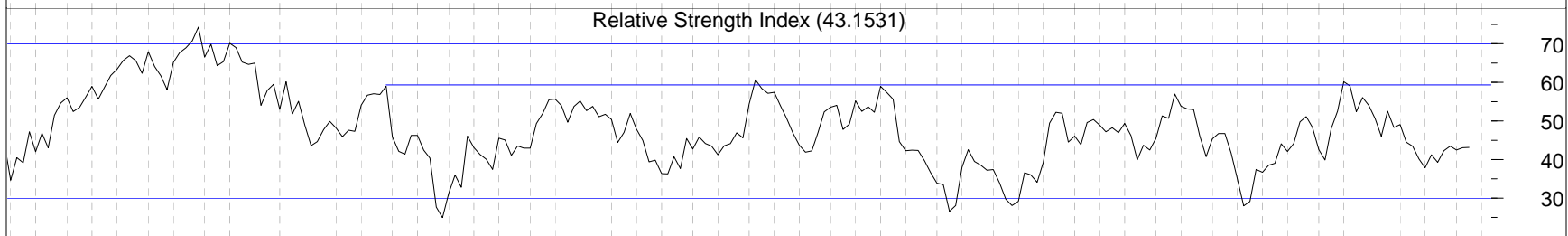
December 2014 February March April May June July August September October November

11/21/2014

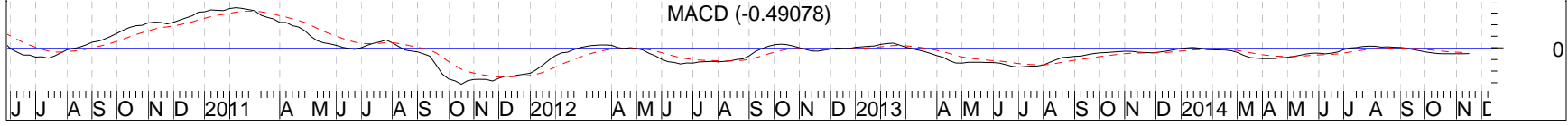
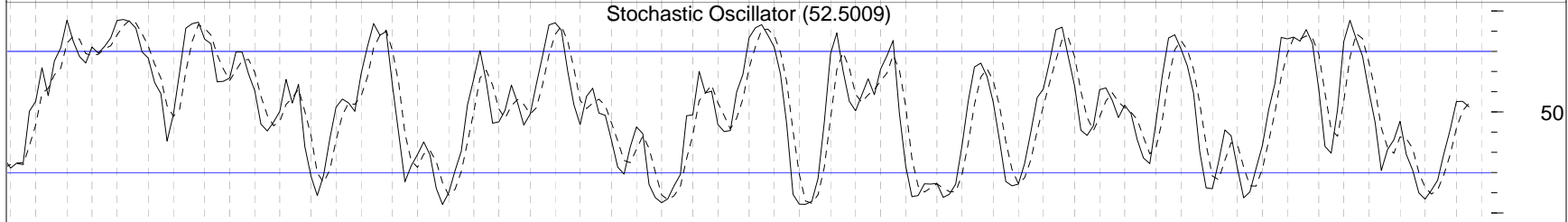
BRCLYS BK IPATH BLOOM COPPER SUB ETN (36.62, 37.03, 36.12, 36.76, +0.01)



The copper ETN has been consolidating in a tight sideways range for the last eight weeks. It is right at its 10-week sma.



Weekly momentum is mixed.



11/21/2014

INVESTMENT SPECIFIC DISCLOSURES

You should consider carefully the risks described below before making an investment decision. You should also refer to the other information included or incorporated by reference in the appropriate prospectus, including the financial statements and the related notes. To view prospectuses, please go to;

<http://phoenixinc.com/Kaufman-Report-Prospectuses.html>

- 1) **GLD (GOLD)** - The value of the Shares relates directly to the value of the gold held by the Trust and fluctuations in the price of gold could materially adversely affect an investment in the Shares. The Shares are designed to mirror as closely as possible the performance of the price of gold, and the value of the Shares relates directly to the value of the gold held by the Trust, less the Trust's liabilities (including estimated accrued expenses). The price of gold has fluctuated widely over the past several years. Several factors may affect the price of gold, including:
 - Global gold supply and demand, which is influenced by such factors as forward selling by gold producers, purchases made by gold producers to unwind gold hedge positions, central bank purchases and sales, and production and cost levels in major gold-producing countries such as South Africa, the United States and Australia;
 - Global or regional political, economic or financial events and situations;
 - Investors' expectations with respect to the rate of inflation;
 - Currency exchange rates;
 - Interest rates; and
 - Investment and trading activities of hedge funds and commodity funds.

- 2) **JJC (BARCLAYS IPATH COPPER ETN)** – You may lose some or your entire principal if you invest in the ETN. Any payment on the ETN at or prior to maturity is subject to the creditworthiness of Barclays Bank PLC and is not guaranteed by any third party.
 - The ETNs are unsecured promises of Barclays Bank and are not secured debt.
 - Even if the value of the underlying index at maturity or upon redemption exceeds its initial level, you may receive less than the principal amount of your ETNs.
 - The market value of the ETN may be influenced by many unpredictable factors
 - Commodity prices may change unpredictably, affecting the value of the indices and the value of the ETN in unforeseeable ways.

- 3) **USO (UNITED STATES OIL FUND ETF)** - USOF is not a mutual fund registered under the Investment Company Act of 1940 and is not subject to regulation under such Act. Some of the risks of investing in USOF include:
 - Investing in crude oil interests subjects USO to the risks of the crude oil industry which could result in large fluctuations in the price of USOF's units.
 - If certain correlations do not exist, then investors may not be able to use USO as a cost-effective way to invest indirectly in crude oil or as a hedge against the risk of loss in oil-related transactions.
 - USOF does not expect to make cash distributions.
 - USOF and its general partner may have conflicts of interest, which may permit them to favor their own interests to your detriment.

- 4) **RISKS ASSOCIATED WITH INTERNATIONAL / FOREIGN ETFs**
 - **TAXES** - Every country has different tax laws, so there may be particular foreign ETFs that are not a good fit for your ETF trading strategy as they may have a negative effect on your tax return.
 - **CURRENCY RATES** – Currency rates for different regions covered by a foreign ETF may be volatile /skewed, certain foreign ETFs may not be a good fit for a portfolio.
 - **LOW TRADING VOLUMES** – Low trading volumes (lack of liquidity) may cause wide “bid-ask spreads” and may diminish the advantage of purchasing an ETF over an Index or security.
 - **LONG INVESTMENT HORIZON** – The intraday trading aspect (short-term) of ETFs may not be suited for longer term investors.
 - **INACTIVITY**- Some foreign ETFs may not be as actively traded as others due to a sector related issues or a regional issue.
 - **NON-REGISTERED SECURITIES** - The securities of non U.S. issuers may not be registered with or subject to the reporting requirements of the U.S. Securities and Exchange Commission. Foreign companies are generally not subject to uniform audit and reporting standards, practices and requirements comparable to those in the U.S. securities. Foreign companies may be more volatile than the securities of comparable U.S. companies.

- 5) **RISKS ASSOCIATED WITH COMMODITIES**
 - **GEOPOLITICAL RISK** – International disagreements, licensing agreement issues, tax structures, environmental concerns and access to technology can cause risk to your investment.
 - **PRICE RISK** – Price risk may arise out of adverse movements in world prices, exchange rates and basis between local and world prices.
 - **SPECULATIVE RISK** – Short term traders can increase market volatility and may have a detrimental effect to your investment
 - **CORPORATE GOVERNANCE RISK** – Corporate fraud

Indexes, Sectors, and Industry Groups

Major Index	Price	Daily	WTD	5-Days	MTD	QTD	YTD	52H	High Dt	52L	Low Dt
Bank of New York Mellon ADR	147.86	1.61%	1.78%	1.78%	0.22%	-1.43%	-2.76%	159.35	7/3/2014	137.45	10/16/2014
NYSE Composite	11022.90	0.78%	1.31%	1.31%	1.64%	2.99%	5.99%	11108.39	9/4/2014	9732.47	2/3/2014
S&P 500	2063.48	0.52%	1.16%	1.16%	2.25%	4.62%	11.64%	2071.46	11/21/2014	1737.92	2/5/2014
S&P 1500	476.11	0.50%	1.09%	1.09%	2.13%	4.75%	10.96%	478.02	11/21/2014	403.27	2/5/2014
Dow Jones Industrials	17809.68	0.51%	0.99%	0.99%	2.41%	4.50%	7.44%	17894.83	11/21/2014	15340.69	2/5/2014
S&P Midcap 400	1445.18	0.50%	1.00%	1.00%	1.87%	5.41%	7.65%	1452.46	11/21/2014	1264.57	2/5/2014
Nasdaq 100	4251.32	0.22%	0.62%	0.62%	2.24%	4.99%	18.36%	4285.27	11/21/2014	3380.65	11/21/2013
Nasdaq Composite	4712.97	0.24%	0.52%	0.52%	1.78%	4.89%	12.84%	4751.60	11/21/2014	3936.82	11/21/2013
Dow Jones Transportation	9093.18	0.44%	0.35%	0.35%	3.86%	7.60%	22.87%	9128.24	11/21/2014	7009.98	2/5/2014
Russell 2000	1174.52	0.32%	0.06%	0.06%	0.09%	6.61%	0.93%	1213.55	7/1/2014	1040.47	10/15/2014

S&P Sector	Price	Daily	WTD	5-Days	MTD	QTD	YTD	52H	High Dt	52L	Low Dt
Materials	317.96	1.26%	2.76%	2.76%	4.46%	1.72%	9.03%	320.96	9/22/2014	270.00	2/5/2014
Energy	645.62	1.22%	2.50%	2.50%	0.67%	-2.33%	-0.93%	738.72	6/23/2014	571.05	10/15/2014
Utilities	231.30	0.38%	1.70%	1.70%	0.16%	8.09%	19.71%	236.60	11/5/2014	187.81	12/18/2013
Health Care	789.15	0.39%	1.53%	1.53%	1.32%	6.65%	22.86%	794.18	11/18/2014	616.41	12/17/2013
Industrials	490.95	0.98%	1.52%	1.52%	3.40%	7.17%	8.51%	492.07	11/21/2014	418.01	2/5/2014
Consumer Staples	498.62	0.45%	1.42%	1.42%	3.69%	7.21%	12.65%	500.83	11/21/2014	409.40	2/3/2014
Consumer Discretionary	555.20	0.23%	1.13%	1.13%	2.82%	4.97%	4.74%	558.73	11/21/2014	483.96	2/3/2014
Financials	325.88	0.53%	0.67%	0.67%	1.46%	4.35%	10.58%	327.40	11/21/2014	276.34	2/3/2014
Information Technology	690.07	0.21%	0.42%	0.42%	2.86%	4.57%	17.86%	694.45	11/21/2014	549.39	11/21/2013
Telecom Services	161.74	0.10%	-1.80%	-1.80%	0.57%	0.38%	4.00%	172.45	7/29/2014	143.28	2/3/2014

S&P Industry Group	Price	Daily	WTD	5-Days	MTD	QTD	YTD	52H	High Dt	52L	Low Dt
Semiconductors & Equipment	544.52	0.24%	3.02%	3.02%	3.85%	3.27%	28.86%	549.06	11/21/2014	394.02	11/27/2013
Consumer Durables & Apparel	306.28	0.32%	2.97%	2.97%	5.38%	9.95%	7.44%	309.02	11/21/2014	256.09	2/3/2014
Materials	317.96	1.26%	2.76%	2.76%	4.46%	1.72%	9.03%	320.96	9/22/2014	270.00	2/5/2014
Energy	645.62	1.22%	2.50%	2.50%	0.67%	-2.33%	-0.93%	738.72	6/23/2014	571.05	10/15/2014
Capital Goods	514.19	1.20%	2.02%	2.02%	3.30%	6.64%	3.93%	518.39	6/9/2014	443.01	10/15/2014
Automobiles & Components	133.95	0.11%	1.81%	1.81%	5.75%	8.18%	-3.62%	146.81	7/14/2014	112.55	10/15/2014
Technology Hardware & Equipment	755.03	0.38%	1.79%	1.79%	5.07%	9.73%	29.03%	758.11	11/21/2014	543.83	11/21/2013
Food, Beverage & Tobacco	578.03	0.59%	1.77%	1.77%	3.12%	6.05%	13.88%	579.65	11/21/2014	467.35	2/3/2014
Utilities	231.30	0.38%	1.70%	1.70%	0.16%	8.09%	19.71%	236.60	11/5/2014	187.81	12/18/2013
Retailing	995.06	0.39%	1.67%	1.67%	4.28%	6.91%	5.88%	1001.16	11/21/2014	831.70	5/7/2014
Real Estate	183.96	0.88%	1.64%	1.64%	1.51%	10.47%	23.50%	183.98	11/21/2014	145.32	12/4/2013
Health Care Equip & Services	704.57	0.34%	1.58%	1.58%	2.22%	9.81%	22.22%	709.73	11/18/2014	550.74	12/17/2013
Pharmaceuticals, Biotech & Life Sci	768.76	0.41%	1.51%	1.51%	0.91%	5.23%	23.15%	773.33	11/18/2014	600.33	12/17/2013
Insurance	302.92	0.68%	1.40%	1.40%	1.70%	4.33%	4.78%	304.03	11/21/2014	258.33	2/3/2014
Food & Staples Retailing	365.91	0.28%	1.26%	1.26%	6.94%	11.75%	15.15%	368.29	11/21/2014	294.41	2/3/2014
Household & Personal Products	545.19	0.29%	0.71%	0.71%	1.56%	5.27%	6.99%	551.85	11/13/2014	474.79	2/4/2014
Transports	614.25	0.24%	0.35%	0.35%	4.62%	10.79%	28.07%	618.43	11/11/2014	454.81	2/5/2014
Consumer Services	712.83	0.65%	0.31%	0.31%	3.23%	2.62%	3.99%	720.69	7/3/2014	636.89	10/15/2014
Diversified Financials	505.26	0.47%	0.30%	0.30%	2.27%	4.41%	12.65%	507.81	11/21/2014	415.39	2/3/2014
Banks	230.45	0.38%	0.28%	0.28%	0.62%	2.06%	10.16%	233.38	11/11/2014	199.37	12/5/2013
Media	453.08	-0.19%	-0.06%	-0.06%	-0.95%	0.99%	5.31%	467.36	9/5/2014	394.78	11/21/2013
Commercial & Professional Service	207.50	0.85%	-0.33%	-0.33%	0.37%	1.56%	7.56%	210.61	11/12/2014	178.00	2/3/2014
Software & Services	909.75	0.09%	-1.07%	-1.07%	1.20%	1.62%	9.16%	920.54	11/14/2014	783.11	12/18/2013
Telecom Services	161.74	0.10%	-1.80%	-1.80%	0.57%	0.38%	4.00%	172.45	7/29/2014	143.28	2/3/2014

**DATA QUOTED REPRESENTS PAST PERFORMANCE.
PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.**

INTERNATIONAL ETFs

	Price	Daily	WTD	MTD	QTD	YTD	52H	High Dt	52L	Low Dt
Brazil EWZ	43.95	6.86%	11.89%	1.64%	1.15%	-1.63%	54.56	9/3/2014	38.00	2/3/2014
Greece GREK	17.04	1.37%	10.36%	8.52%	-8.34%	-24.37%	25.76	3/19/2014	14.79	10/15/2014
Latin America ILF	37.35	5.21%	8.73%	1.72%	1.27%	0.84%	43.42	9/3/2014	31.89	2/3/2014
BRIC EEB	34.52	4.48%	4.25%	0.15%	1.32%	-0.38%	39.25	9/4/2014	29.44	3/13/2014
Germany EWG	27.98	1.10%	3.92%	2.74%	0.99%	-11.92%	32.38	6/19/2014	25.00	10/16/2014
Italy EWI	14.79	2.64%	3.64%	-0.74%	-5.74%	-5.13%	18.44	6/9/2014	13.56	10/16/2014
Russia RSX	21.42	1.85%	3.63%	-2.50%	-4.25%	-25.81%	28.97	12/18/2013	20.34	11/14/2014
Indonesia IDX	25.66	2.39%	3.22%	1.26%	2.64%	20.70%	27.70	7/22/2014	20.06	1/7/2014
Turkey TUR	56.15	1.30%	3.05%	3.89%	14.41%	17.81%	60.49	7/28/2014	40.03	2/3/2014
Chile ECH	43.23	2.20%	2.78%	1.38%	1.38%	-9.01%	47.92	11/21/2013	39.62	2/3/2014
Spain EWP	37.57	1.95%	2.73%	-0.66%	-3.42%	-2.59%	44.46	6/19/2014	34.57	10/16/2014
Emerging Markets EE	42.44	3.19%	2.41%	0.69%	2.12%	1.54%	45.85	9/5/2014	37.05	2/3/2014
Canada EWC	31.03	0.98%	2.34%	3.71%	1.11%	6.41%	33.11	9/4/2014	27.21	2/5/2014
Mexico EWW	67.25	1.40%	2.30%	-1.75%	-2.15%	-1.10%	73.11	9/8/2014	58.83	3/14/2014
France EWQ	25.89	1.29%	2.17%	1.33%	-2.49%	-9.00%	30.73	6/6/2014	23.59	10/16/2014
Austria EWO	16.25	0.99%	2.07%	0.99%	0.81%	-17.97%	21.06	2/25/2014	14.76	10/16/2014
Thailand THD	84.40	2.79%	1.86%	1.54%	0.68%	22.94%	85.88	9/24/2014	61.94	1/3/2014
South Africa EZA	71.69	4.38%	1.85%	4.83%	11.77%	11.16%	72.77	9/5/2014	55.31	2/3/2014
Taiwan EWT	15.92	1.60%	1.73%	1.27%	4.26%	10.40%	16.59	9/3/2014	13.26	2/3/2014
Belgium EWK	16.38	0.00%	1.49%	1.93%	0.36%	-0.06%	17.99	5/12/2014	14.74	10/16/2014
Netherlands EWN	24.32	-0.04%	1.29%	2.36%	0.75%	-6.21%	26.48	6/19/2014	21.79	10/16/2014
United Kingdom EWL	19.18	0.68%	1.27%	0.89%	-1.03%	-8.14%	22.11	6/19/2014	17.71	10/16/2014
United States SPY	206.68	0.54%	1.19%	2.49%	4.90%	11.91%	207.84	11/21/2014	173.71	2/5/2014
Sweden EWD	33.14	0.61%	1.10%	0.67%	0.15%	-7.51%	37.34	5/21/2014	29.68	10/16/2014
Singapore EWS	13.49	1.39%	0.86%	1.62%	1.09%	2.39%	14.16	5/27/2014	11.94	2/3/2014
India IFN	28.69	1.41%	0.84%	3.42%	5.71%	44.14%	28.76	11/21/2014	18.61	2/3/2014
Malaysia EWM	14.91	1.02%	0.81%	-2.99%	-3.18%	-5.75%	16.32	8/27/2014	14.31	1/29/2014
Switzerland EWL	32.88	-0.12%	0.80%	1.58%	1.14%	-0.33%	35.46	6/10/2014	29.64	10/16/2014
South Korea EWY	56.79	1.41%	0.34%	-3.14%	-6.15%	-12.18%	67.76	7/30/2014	55.90	11/19/2014
Vietnam VNM	21.15	0.52%	0.19%	-1.03%	-3.42%	12.56%	23.82	9/3/2014	18.34	12/23/2013
Israel EIS	48.50	0.17%	-0.12%	-0.80%	-4.77%	0.17%	55.51	7/2/2014	46.57	2/3/2014
Japan EWJ	11.64	0.74%	-1.15%	-3.52%	-1.15%	-4.15%	12.25	7/1/2014	10.73	10/16/2014
China 25 FXI	39.91	3.69%	-1.33%	-0.05%	4.26%	4.01%	42.56	9/4/2014	32.58	3/20/2014
Hong Kong EWH	21.76	2.02%	-2.33%	0.69%	7.03%	5.63%	22.77	8/20/2014	18.60	2/5/2014
Australia EWA	24.25	1.08%	-2.92%	-4.64%	1.29%	-0.49%	27.51	9/4/2014	22.68	2/3/2014

DATA QUOTED REPRESENTS PAST PERFORMANCE.

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INTERNATIONAL ETFs Standard Performance

	-----PRICE-----			-----NAV-----			Expense	Premium	
	Price	1-Year	5-Year	10-Year	1-Year	5-Year	10-Year	Ratio%	% to NAV
Australia EWA	24.25	-0.63	N.A.		-2.06			0.01	0.00
Austria EWO	16.25	5.97	N.A.		5.06			0.01	-0.18
Belgium EWK	16.38	2.03	N.A.		0.92			0.00	0.00
Brazil EWZ	43.95	17.64	N.A.		13.40			0.01	-0.02
BRIC EEB	34.52	4.70	N.A.		3.05			0.01	0.00
Canada EWC	31.03	-22.77	N.A.		-23.94			0.01	0.06
Chile ECH	43.23	-0.44	N.A.		-0.12			0.01	-0.09
China 25 FXI	39.91	52.01	N.A.		52.01			0.04	0.04
Emerging Markets EE	42.44	-21.99	N.A.		-21.92			0.02	0.02
France EWQ	25.89	15.02	N.A.		8.01			-0.02	-0.09
Germany EWG	27.98	17.34	N.A.		13.87			0.01	-0.12
Greece GREK	17.04	-15.91	N.A.		-16.15			-0.08	-0.24
Hong Kong EWH	21.76	2.97	N.A.		0.53			0.07	0.06
India IFN	28.69	7.64	N.A.		6.33			0.06	0.44
Indonesia IDX	25.66	-1.90	N.A.		-4.47			0.57	0.01
Israel EIS	48.50	9.46	N.A.		8.25			-0.05	0.00
Italy EWI	14.79	-7.22	N.A.		-9.86			-0.06	-0.05
Japan EWJ	11.64	7.76	N.A.		7.50			-0.01	-0.04
Latin America ILF	37.35	-1.38	N.A.		-3.59			0.01	0.01
Malaysia EWM	14.91	-3.03	N.A.		-2.68			-0.03	-0.06
Mexico EWW	67.25	4.82	N.A.		5.08			-0.02	-0.01
Netherlands EWN	24.32	17.11	N.A.		17.45			0.01	-0.06
Russia RSX	21.42	-3.97	N.A.		-4.89			-0.04	-0.26
Singapore EWS	13.49	-0.44	N.A.		-0.44			0.01	0.02
South Africa EZA	71.69	3.36	N.A.		-1.12			0.12	0.11
South Korea EWY	56.79	0.06	N.A.		-5.72			-0.06	-0.12
Spain EWP	37.57	-4.26	N.A.		-13.28			-0.03	-0.03
Sweden EWD	33.14	16.94	N.A.		10.28			0.00	-0.08
Switzerland EWL	32.88	12.60	N.A.		11.83			0.01	0.00
Taiwan EWT	15.92	4.54	N.A.		3.52			0.04	0.10
Thailand THD	84.40	-1.26	N.A.		-5.72			0.01	0.23
Turkey TUR	56.15	2.43	N.A.		-1.00			0.14	0.18
United Kingdom EWL	19.18	2.62	N.A.		-0.21			-0.01	-0.08
United States SPY	206.68	-8.95	N.A.		-11.56			0.05	0.12
Vietnam VNM	21.15	-3.52	N.A.		-4.89			-0.03	0.13

DATA QUOTED REPRESENTS PAST PERFORMANCE AND PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.

BLANK SPACES INDICATE THE SECURITY HAS NOT TRADED FOR THAT FULL TIME PERIOD.

Commodities ETFs/ETNs

	Price	Daily	WTD	MTD	QTD	YTD	52H	High Dt	52L	Low Dt
Natural Gas UNG	22.48	-4.40%	5.52%	10.82%	1.65%	8.63%	27.89	2/24/2014	18.13	11/21/2013
Palladium PALL	76.75	2.44%	3.21%	-0.44%	2.09%	10.24%	88.42	8/29/2014	67.60	12/24/2013
Timber CUT	24.75	1.60%	2.02%	1.02%	5.27%	-4.44%	26.45	3/6/2014	21.69	10/16/2014
Aluminum JJU	20.48	1.84%	1.72%	0.94%	6.39%	9.87%	22.29	9/2/2014	17.10	3/17/2014
Sugar SGG	41.48	0.19%	1.72%	0.73%	-1.80%	-25.25%	61.48	3/5/2014	39.55	11/6/2014
Platinum PPLT	119.20	1.23%	1.18%	-0.77%	-5.61%	-10.97%	147.68	7/2/2014	114.50	11/14/2014
Silver SLV	15.79	1.22%	1.02%	1.87%	-3.43%	-15.61%	21.30	2/24/2014	14.64	11/5/2014
OIL USO	29.10	1.29%	0.94%	-5.00%	-15.43%	-17.61%	39.44	6/20/2014	28.10	11/13/2014
Gold GLD	115.39	0.46%	0.80%	2.42%	-0.71%	-0.63%	133.69	3/14/2014	109.67	11/5/2014
Tin JYT	45.00	-0.03%	0.65%	0.51%	-0.55%	-15.43%	57.05	12/27/2013	40.43	10/24/2014
Cocoa NIB	36.64	-0.63%	0.38%	-3.40%	-16.06%	2.34%	44.61	9/25/2014	34.76	1/2/2014
Copper JJC	36.76	0.96%	0.03%	-0.24%	1.07%	-11.31%	42.00	12/27/2013	34.89	3/19/2014
Coal KOL	16.83	2.25%	0.00%	0.78%	-1.64%	-13.43%	20.34	12/9/2013	15.22	10/15/2014
Heating Oil UHN	27.03	1.05%	-0.07%	-2.60%	-8.68%	-18.17%	34.79	3/3/2014	26.38	11/13/2014
Cotton BAL	40.51	0.70%	-0.27%	-6.05%	-0.96%	-23.82%	60.44	3/26/2014	39.92	11/13/2014
Livestock COW	32.51	0.00%	-0.65%	2.75%	1.34%	19.79%	33.77	7/7/2014	26.85	12/26/2013
Grains JIG	37.64	0.21%	-1.62%	-0.69%	14.55%	-12.73%	52.38	4/30/2014	32.58	10/1/2014
Grains GRU	5.03	0.00%	-2.14%	0.00%	14.38%	-12.98%	6.93	4/16/2014	4.33	10/1/2014
Corn CORN	25.86	-0.61%	-2.82%	-1.56%	13.52%	-15.43%	35.79	4/9/2014	22.62	10/1/2014
Coffee JO	35.20	1.24%	-2.92%	-0.82%	-4.19%	62.21%	42.87	4/24/2014	20.71	12/5/2013

DATA QUOTED REPRESENTS PAST PERFORMANCE.

PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.

Commodity ETFs/ETNs Standard Performance

	Price	-----PRICE % Change-----			-----NAV % Change-----			Expense Ratio%	Premium % to NAV
		1-Year	5-Year	10-Year	1-Year	5-Year	10-Year		
Aluminum JJU	20.48	8.25	-6.68	N.A.	7.03	-7.17	N.A.	0.75	-0.20
Coal KOL	16.83	-13.26	-12.23	N.A.	-14.90	-12.55	N.A.	0.59	-0.30
Cocoa NIB	36.64	-1.43	-5.60	N.A.	-1.24	-5.73	N.A.	0.75	0.18
Coffee JO	35.20	60.95	-1.87	N.A.	60.47	-2.13	N.A.	0.75	0.27
Copper JJC	36.76	-5.67	-3.16	N.A.	-5.69	-3.22	N.A.	0.75	-0.04
Corn CORN	25.86	-17.43	N.A.	N.A.	-16.10	N.A.	N.A.	2.75	-0.30
Cotton BAL	40.51	-17.63	2.13	N.A.	-18.11	2.00	N.A.	0.75	0.30
Gold GLD	115.39	-3.79	0.43	9.92	-5.71	0.46	9.88	0.40	0.44
Grains GRU	5.03	-16.17	-2.94	N.A.	N.A.	N.A.	N.A.	0.75	N.A.
Grains JGG	37.64	-15.17	-1.85	N.A.	-14.65	-1.89	N.A.	0.75	-0.17
Heating Oil UHN	27.03	-16.81	0.37	N.A.	-16.17	0.22	N.A.	0.91	-0.09
Livestock COW	32.51	18.48	3.09	N.A.	18.46	3.12	N.A.	0.75	-0.12
Natural Gas UNG	22.48	23.02	-20.74	N.A.	30.59	-19.33	N.A.	0.60	-0.78
OIL USO	29.10	-14.84	-5.88	N.A.	-14.55	-6.02	N.A.	0.45	-0.21
Palladium PALL	76.75	9.78	N.A.	N.A.	7.05	N.A.	N.A.	0.60	0.19
Platinum PPLT	119.20	-12.44	N.A.	N.A.	-14.76	N.A.	N.A.	0.60	0.71
Silver SLV	15.79	-17.93	-2.82	N.A.	-20.36	-2.77	N.A.	0.50	0.50
Sugar SGG	41.48	-29.94	-8.06	N.A.	-30.57	-8.13	N.A.	0.75	0.19
Timber CUT	24.75	-0.07	9.14	N.A.	-0.26	8.92	N.A.	0.71	-0.21
Tin JJT	45.00	-13.69	4.60	N.A.	-12.22	5.07	N.A.	0.75	-0.78

**DATA QUOTED REPRESENTS PAST PERFORMANCE AND PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.
BLANK SPACES INDICATE THE SECURITY HAS NOT TRADED FOR THAT FULL TIME PERIOD.**

Kaufman Report Legend

4-Week Closing Highs – The number of stocks in the S&P 1500 index that closed at the highest daily closing price of the last four weeks.

4-Week Closing Lows - The number of stocks in the S&P 1500 index that closed at the lowest daily closing price of the last four weeks.

10-Sma 4-Week Closing Highs - The 10-day simple moving average of 4-week closing price highs.

10-Sma 4-Week Closing Lows - The 10-day simple moving average of 4-week closing price lows.

10-Sma 13-Week Closing Highs – The 10-day simple moving average of 13-week closing price highs.

10-Sma 13-Week Closing Lows – The 10-day simple moving average of 13-week closing price lows.

13-Week Closing Highs - The number of stocks in the S&P 1500 index that closed at the highest daily closing price of the last thirteen weeks.

13-Week Closing Lows - The number of stocks in the S&P 1500 index that closed at the lowest daily closing price of the last thirteen weeks.

Advance Percentage - The percentage of stocks in the S&P 1500 that closed higher on the day.

Advance Decline Line – The cumulative total of daily net advances minus declines.

Bearish Engulfing Candle - a two candle pattern that occurs after an uptrend. The second candle is down and the close is lower than the open such that the real body of the second candle completely engulfs the real body of the first candle. Considered bearish because it shows a potential reversal of trend and they are frequently seen at tops.

Bullish Engulfing Candle - a two candle pattern that occurs after a downtrend. The second candle is up and the close is higher than the open such that the real body of the second candle completely engulfs the real body of the first candle. Considered bullish because it shows a potential reversal of trend and they are frequently seen at bottoms.

Candle – the name given to the pattern created during a single time increment in Japanese candlestick charting. Candles can apply to any time frame such as minutes, hours, days, weeks, months, etc. Candles are made up of an opening price, a closing price, a high and a low. The candle also has a real body, which is the fat area between the open and the close, and shadows or wicks, which are the thin lines above or below the real body that show the high or low for the candle. When price closes higher than the open the candle is white, or not filled in. When price closes below the open, the candle is dark, or filled in.

Channel lines - parallel trend lines that form the borders of a trading range. Channels can be ascending, descending, or sideways. The top trend line is considered to be price resistance, while the bottom trend line is considered to be support.

Close - the last price of trading during the session. On a daily chart where each candle represents one day the close is the last price of the day. On a weekly chart it is the last price of the week, etc.

Confirmation – when an indicator gives the same or similar interpretation to price or to another indicator. For example, in Dow Theory if the Industrials make a new high but the Transports do not that is considered non-confirmation.

Doji - a candle where the opening price and the closing price are the same or very nearly the same. Doji are considered to show indecision on the part of investors and are frequently seen at turning points.

Dow Theory - a theory about stock movement based on the writings of the first editor of the Wall Street Journal, Charles Dow. Perhaps the most widely used aspect of Dow Theory is the belief that the Industrial and Transportation Averages had to confirm each other. If one made a new high the other needed to confirm it by also making a new high. If not, there is what technicians call “non-confirmation.” This is a simple and appealing theory because if companies manufacture products they also need to ship them. Dow Theory is considered to be an intermediate-term system, not a short-term trading system.

Earnings yield - the theoretical yield of a stock based on the inverse of its P/E ratio. For example, a \$20 stock that earns \$1 per share has a P/E ratio of 20. If you take the \$1 and divide it by 20 that equals 5%, which is the earnings yield. A \$20 stock earning \$2 would have a P/E of 10, and an earnings yield of 10%. Also known as equity yield.

Equity Yield - same as earnings yield.

EPS - Earnings Per Share.

EPS Cont Ops – Earnings per share from continuing operations

Est EPS – Estimated earnings per share

EMA - Exponential Moving Average – A moving average that gives more weight to recent prices in an attempt to reduce the lag inherent in simple moving averages.

Fibonacci - a numerical sequence named after Leonardo Fibonacci. The sequence begins with “0” and “1”, then takes a number and adds it to the number just before it in the sequence to arrive at the number that will come after. The sequence goes 0,1,1,2,3,5,8,13,21,34,55,89,144,233,377, etc. The ratios created by dividing one of the numbers with its preceding or following number are used for measuring retracements or for making projections. Interestingly, the ratios created beginning with the number eight are all about 0.618 or 1.618. This is what is known as the “golden ratio.”

Gap – a price zone on a chart where no trades were executed, resulting in an open space, or “gap” from one price to the next.

H – an abbreviation for “Head” on a head & shoulders pattern.

Hammer - the name given to a single candle that looks like a hammer and has significance due to it appearing at the end of a downtrend. An easy mnemonic is to think the market is “hammering out a bottom.” The exact same candle appearing during an uptrend is NOT called a hammer. In that case it would either be insignificant or it would possibly be a “hanging man” candle.

Hanging Man - a potentially bearish candle appearing in an uptrend. It has the shape of a hammer but is not a hammer because a hammer is a bottoming candle and needs to come during a downtrend. The hanging man requires confirmation from the next candle to confirm the bearish interpretation.

Head and Shoulders – possibly the most famous pattern in technical analysis. It is a bearish topping pattern comprised of at least one left shoulder, which is a short-term peak in price, the head, which is also a peak but

which is higher than the left shoulder, and the right shoulder, which is a third short-term peak in price and which is also lower than the head. A trend line called the “neckline” can be drawn across the areas where support was found during the formation of the peaks. A break of the neckline of a regular head and shoulders pattern has bearish implications. There is also an inverted, or inverse head and shoulders pattern, which is a bullish bottoming pattern. In this case the left shoulder is support during a move lower, the head is support that is even lower than the left shoulder, and the right shoulder is support that is higher than the head. The neckline in this case is drawn across the resistance levels that were created during the formation of the support levels. A break of the neckline has bullish implications.

High – the highest price where trading took place during the session.

High Wave Candle - a candle with very long upper and lower shadows.

Horizontal lines - lines drawn on charts to show support or resistance levels. On momentum indicators they are used to define overbought or oversold zones.

Island Reversal – a chart pattern where there is a gap up or down, a period of trading, then another gap in the opposite direction of the first gap. The two gaps create the boundaries of the “island.” The island can be one or more candles. Island reversals come after an up or downtrend and are considered to be reversal signals.

Kaufman Options Indicator – a proprietary indicator consisting of multiple moving averages of call and put option buying. It is a sentiment indicator so it has a contrarian interpretation. Extreme optimism is bearish, and extreme pessimism is bullish.

Low - the lowest price traded during the defined session.

LS – an abbreviation for “left shoulder” on a head & shoulders pattern.

MACD - Moving Average Convergence Divergence – A momentum indicator created by Gerald Appel. It is comprised of three moving average signal lines, only two of which are seen. These can be user defined. Unlike the stochastic oscillator and the RSI the MACD does not have boundaries. Its most basic use is as an indicator of trends as opposed to readings of overbought or oversold like the stochastic and RSI.

Measured Move - a price move on a chart that has three sections, or “legs”, and in which the first and third legs, which move in the same direction, are of approximately the same size.

Moving Average – The average price of something over a given period of time. For example a 10-day simple moving average is the sum of the last ten days closing price divided by ten.

Neckline - a line drawn the top or bottom of a head & shoulders pattern connecting support levels. On an inverted head and shoulders pattern the line connects resistance levels. The line can be ascending, descending, or horizontal. Drawing a vertical line from the head to the neckline and adding that same length to the other side of the neckline where a breakout or breakdown occurs creates the technical target price.

Negative divergence - when an indicator fails to confirm price or another indicator, that is considered a negative divergence. For example, when an index makes a new high but the number of stocks in the index also making a new high is much fewer than at previous highs for the index, that is a negative divergence.

OHLC – Numbers at the top of price charts reflecting the opening price, high price, low price, closing price, and price change, in that order.

Open - the first price trading occurred during a session.

PE Cont Ops – PE ratio from continuing operations

PE Ratio - possibly the most common way of valuing a stock. It is the price per share divided by the earnings per share. For example, a \$20 stock with earnings of \$1 per share would have a P/E ratio of 20.

FPE – Forward PE, or the PE derived from earnings projections.

PE TNX Spread Percentage – The difference between the equity yield derived from the PE ratio and the 10-year note yield expressed as a percentage.

FPE TNX Spread Percentage – The difference between the FPE (forward PE ratio) equity yield derived from the FPE ratio and the 10-year note yield expressed as a percentage.

Percentage Over 10-Sma – The percentage of stocks in the S&P 1500 that are currently above their own 10-day simple moving average.

Percentage Over 20-Sma – The percentage of stocks in the S&P 1500 that are currently above their own 20-day simple moving average

Percentage Over 50-Sma – The percentage of stocks in the S&P 1500 that are currently above their own 50-day simple moving average.

Percentage Over 200-Sma – The percentage of stocks in the S&P 1500 that are currently above their own 200-day simple moving average.

Price Channel - parallel trend lines that form the borders of a trading range. Channels can be ascending, descending, or sideways. The top trend line is considered to be price resistance, while the bottom trend line is considered to be support.

Price Oscillator – The difference between two moving averages.

Real Body - the fat part of a candle that is between the opening price and the closing price. It does not include the thin lines above and below the real body, which are known as shadows, or wicks.

Relative Strength Index – A momentum oscillator developed by J. Welles Wilder. It compares the strength of losses versus the strength of gains for a period of time defined by the user. The most common is fourteen periods. The RSI can only travel between zero and one-hundred, so there can be times when it flat lines against the boundary. Its most basic use is as an overbought or oversold indicator.

Resistance – an area on a chart where demand (buying) weakened, prices had trouble continuing to go higher, and supply (selling) strengthened, sending prices lower. Can be a particular price or a price zone. A stock moving up may have trouble when it reaches an area of resistance. Resistance points and resistance zones can be notated by trend lines. These trend lines can be sloping up, down, or they can be horizontal. Resistance can frequently be seen in the form of moving averages. In this case it may be theoretical if price has not stopped rising at that same level previously.

RS – the abbreviation for “right shoulder” on the chart of a head & shoulders pattern.

Shadow - shadows are lines that are part of a candle and are on the top or bottom of a real body. The upper shadow top is the high of the session, while the lower shadow bottom is the low of the session. Also called a wick.

SMA – Simple Moving Average - The average price of something over a given period of time. For example a 10-day simple moving average is the sum of the last ten days closing price divided by ten. A 50-day simple moving average (sma) is the sum of the last fifty days closing price divided by fifty.

Spinning Top – a candle with a small real body. Shows indecision, or the tug-of-war between buyers and sellers.

Stochastic Oscillator – Developed by George Lane and based on the observation that in up trends prices tend to close in the upper part of their range while in down trends they close in the lower part of the range. The range can be user defined. The stochastic can only travel between zero and one-hundred, so there can be times when it flat lines against the boundary. Its most basic use is as overbought or oversold indicator.

Support - an area on a chart where supply (selling) weakened, prices had trouble continuing to go lower, and demand strengthened, sending prices higher. Can be a particular price or a price zone. A stock moving down may have trouble going lower when it reaches an area of support. Support points and support zones can be notated by trend lines. These trend lines can be sloping up, down, or they can be horizontal. Support can frequently be seen in the form of moving averages. In this case it may be theoretical if price has not stopped dropping at that same level previously.

Thrust DMA – The 10-day simple moving average of the daily percentage of advancing stocks on the S&P 1500.

TNX – The 10-year note yield.

Trend Lines – lines drawn on charts to show support or resistance levels.

Triangle - a chart pattern that forms the shape of a triangle. Can be ascending, descending, or symmetrical.

Tweezers Top – Two candlesticks back-to-back with matching (or almost matching) highs or lows.

Vertical lines – seen on charts to designate different time zones. Also used as a visual aid to line up important points on price charts with their corresponding point on technical indicators.

Wedge - a chart pattern that looks like a triangle but where the top and bottom borders each slope in the same direction. In a bearish wedge each border slopes up. In a bullish wedge each border slopes down.

Wick - see shadow.