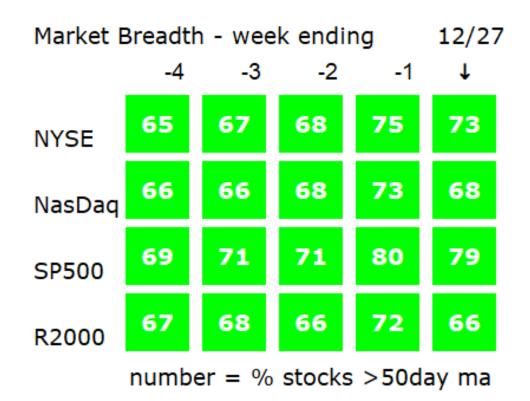


Charts to Friday 27th December 2019 Market Charts – Sentiment Analysis



Consensus Polls:

12/27: AAII: Bulls% was lower at 41.9%. Previous week's 44.1 was the highest since Oct '18. Bears% was higher at 21.5%. Nett (Bulls minus Bears) is at 20.4. Previous week's 23.6 is the highest since Feb 2018.

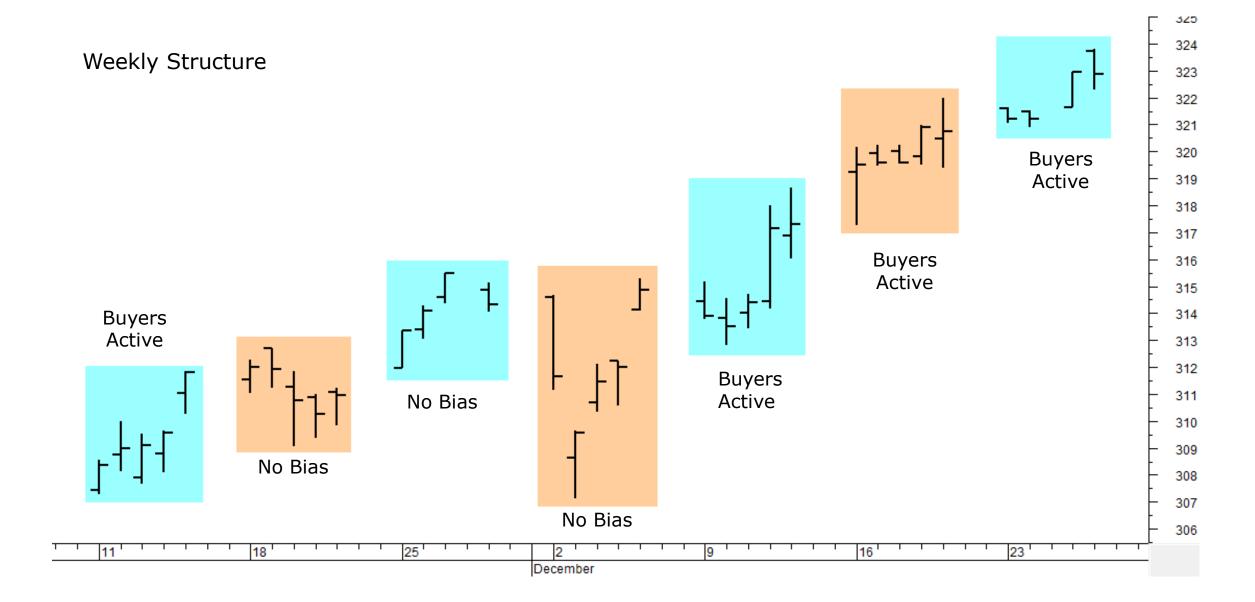
12/27: The NAAIM Exposure Index was lower at 97.44. Previous week's index at 98.90, was the highest since June 2018.

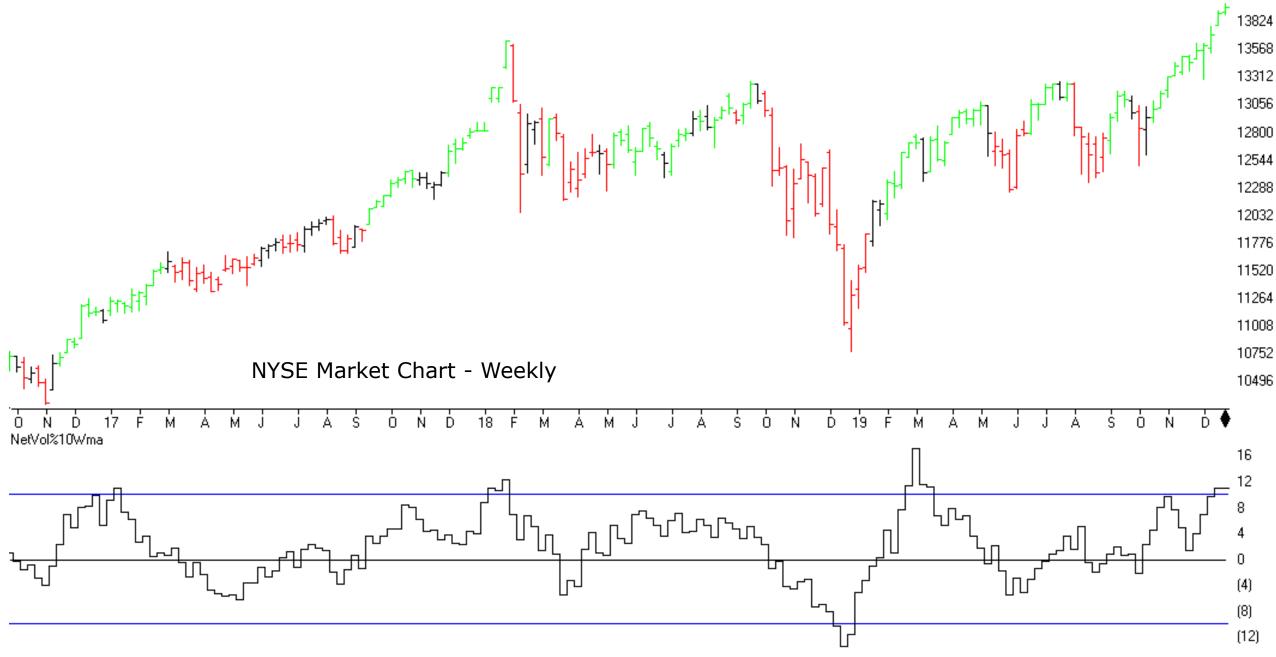
Mutual Fund Flow:

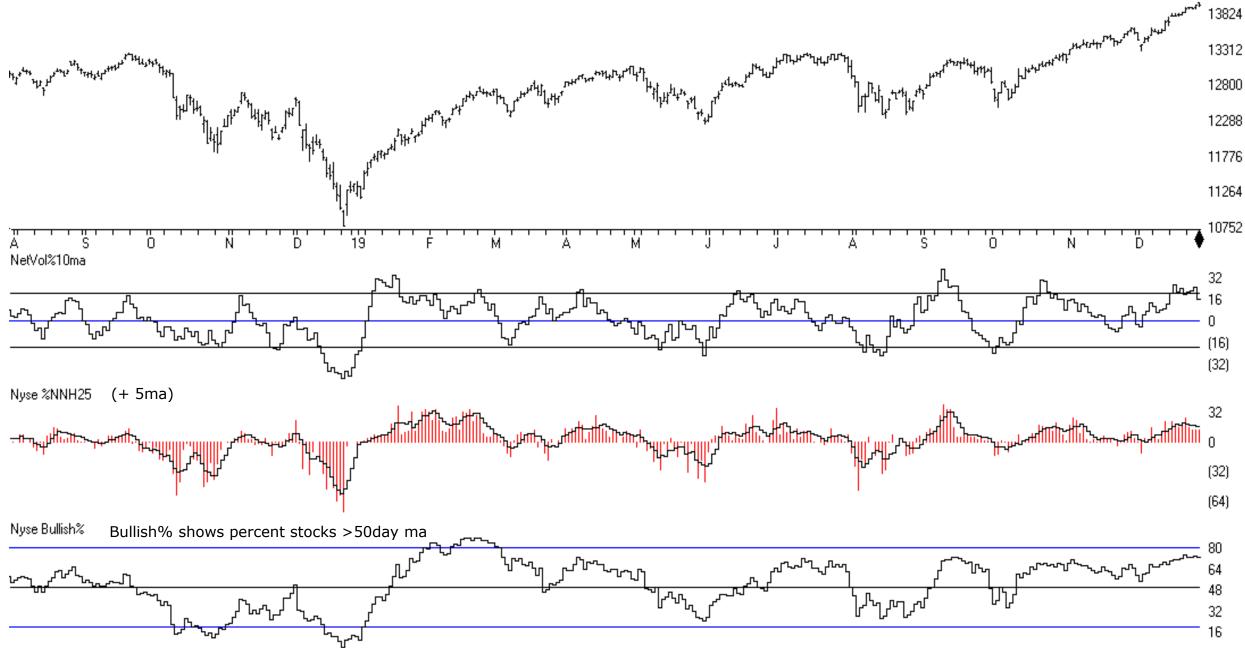
12/27: My version of the Rydex Assets Ratio ended the week at 28.62, the highest reading in my database. Only twice before has the ratio printed above 26. Once in Jan 2018 and the market soldoff quickly, and once in Aug 2018 after which the market traded sideways for a month and then sold-off.

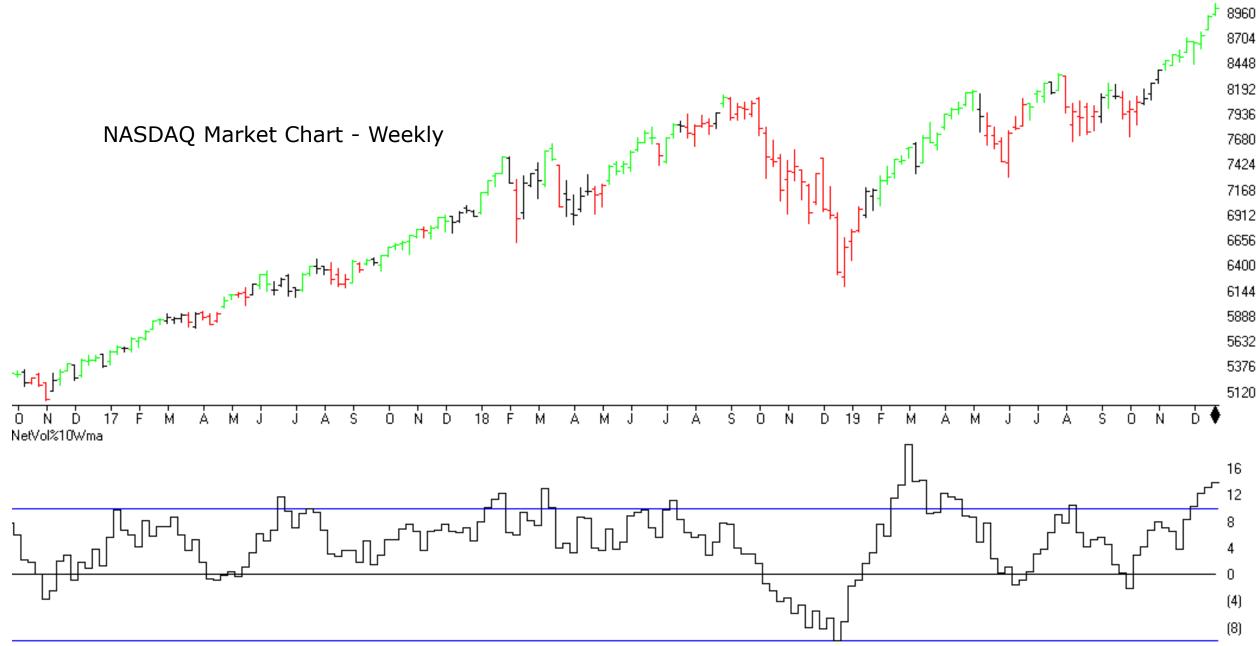
12/27: lipperusfundflows reported Equity Fund (inc ETF) inflows of \$8.6 Billion in the week to 25th December. **Previous week saw a huge outflow of -\$32.2 Billion** - even allowing for seasonal effect this was a massive single week outflow with only w/e 14th and 21st Dec 2018 being larger, and they were after a sizeable sell-off. Options Ratios:

12/27: OCC_Call% 10dy ma has reached its highest level since Jan 2016.

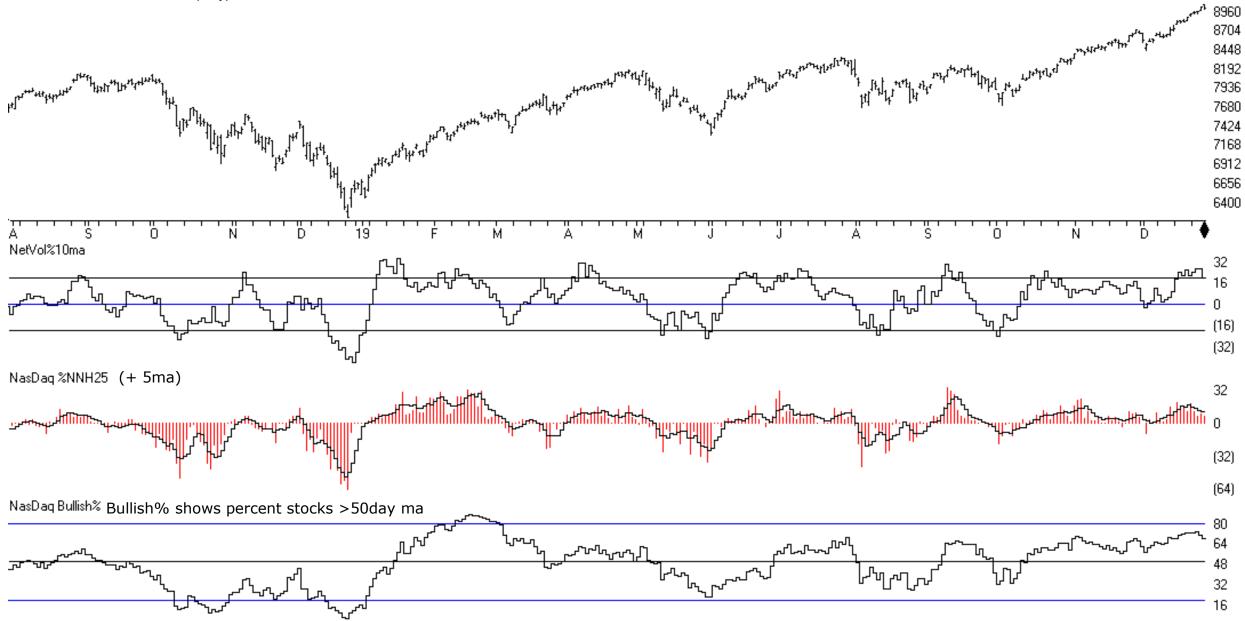


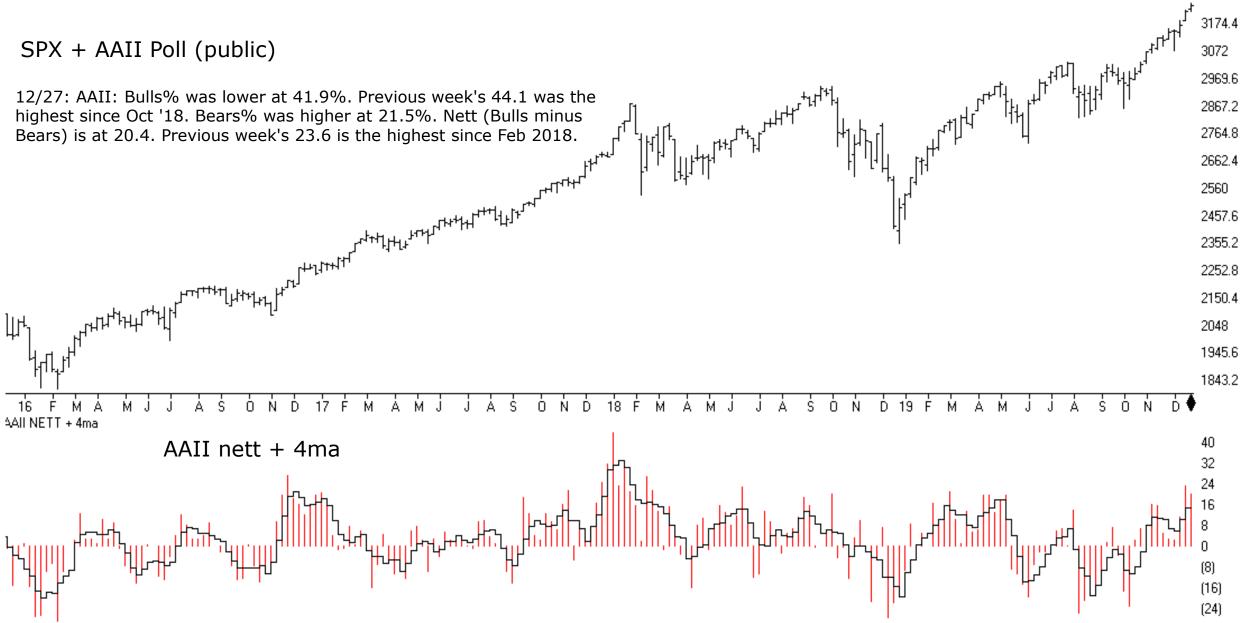




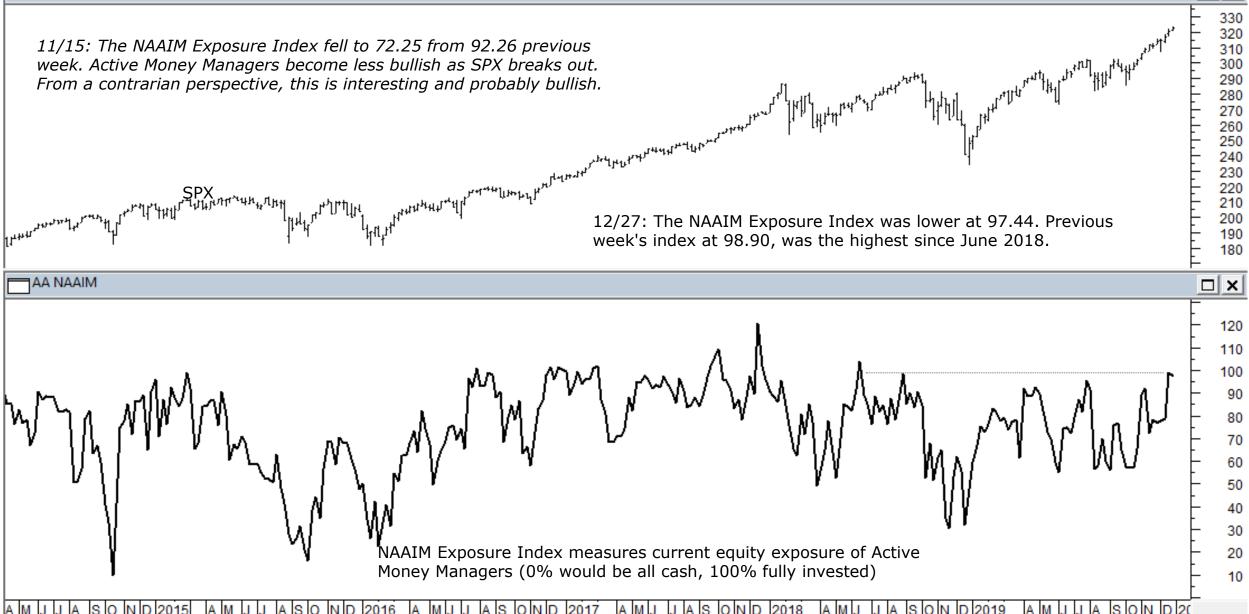




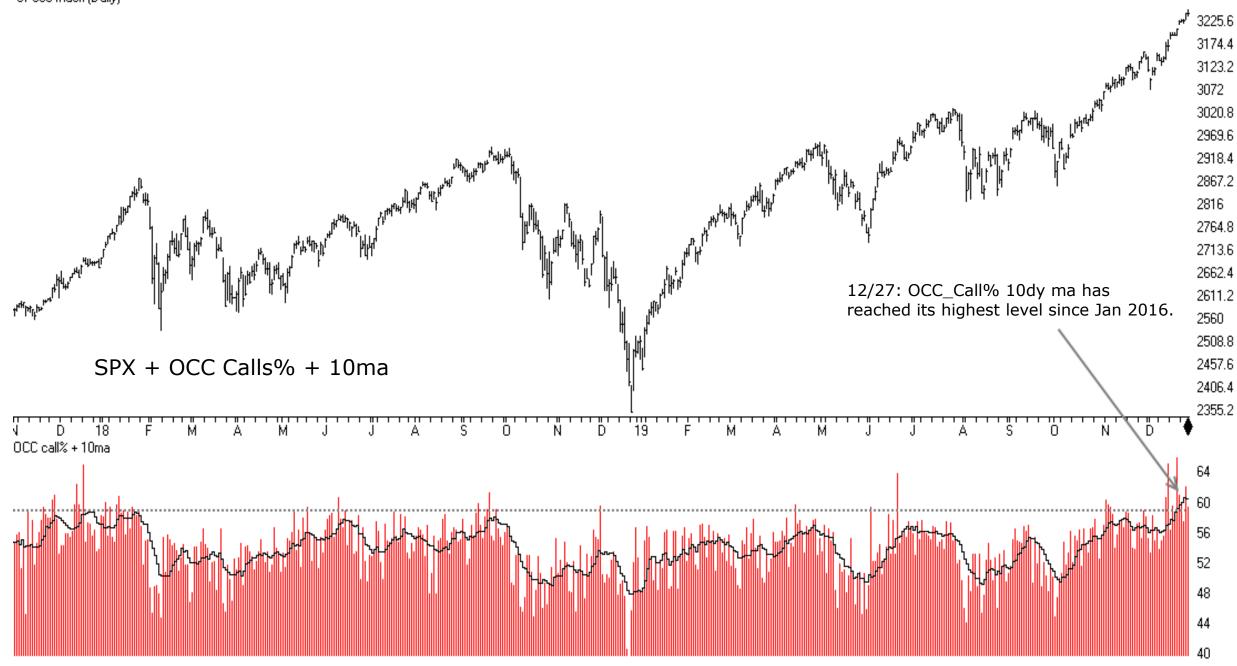


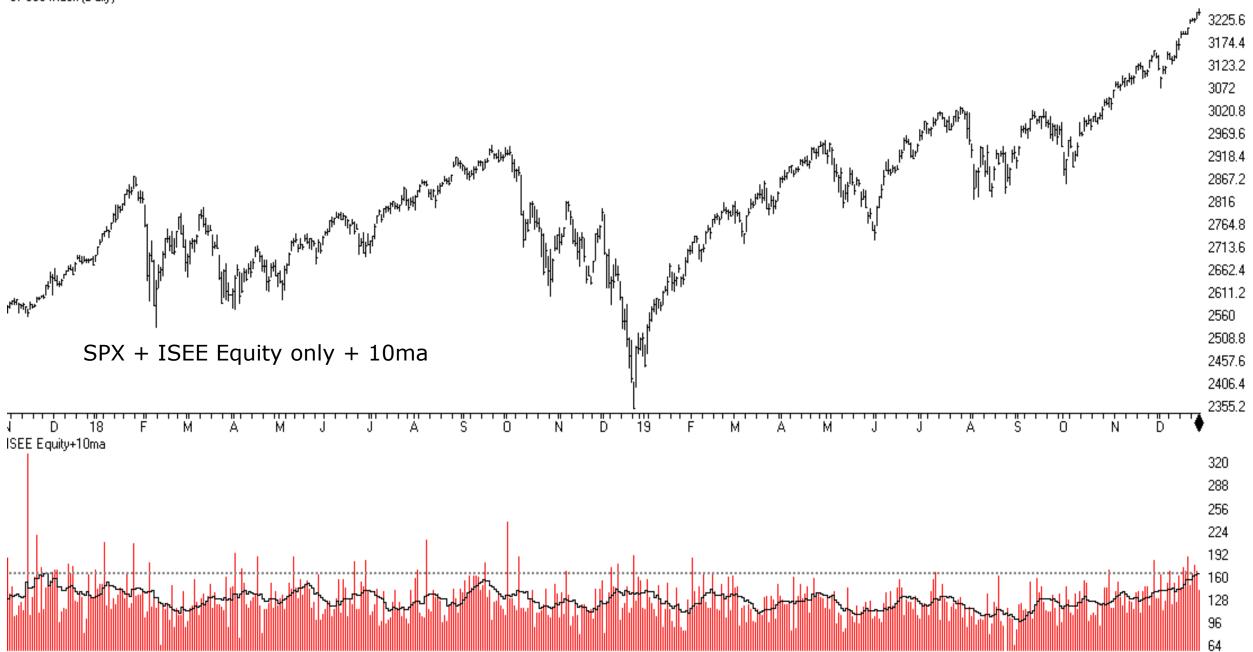


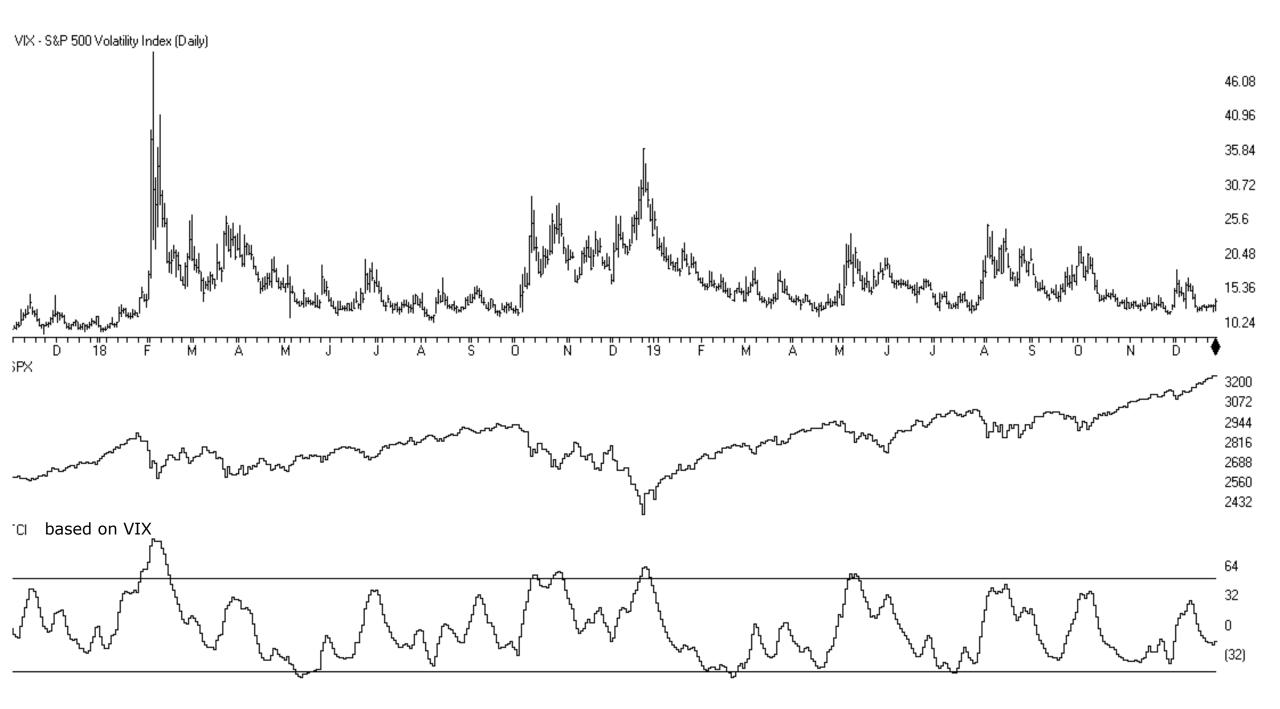
10 S&P 500



A M J J A S O N D 2015 ASOND J A S OND 2018 A SON D2019 AMJJ 2016 A MJJASOND 2017 AMJ







SP500 Index (Weekly)

08/16: lipperusfundflows reported Equity Fund (inc ETF) inflows of \$3.1 Billion. Previous week's outflow was a huge -\$25.2 Billion. Since 2009 this is the third largest. Only w/e 12/14/18 and 12/21/18 were larger.

SPX + Lipper Total Equity Fund Flow (inc ETF activity)

12/27: lipperusfundflows reported Equity Fund (inc ETF) inflows of 1945.6 \$8.6 Billion in the week to 25th December. Previous week saw a 1843.2 huge outflow of -\$32.2 Billion - even allowing for seasonal effect 1740.8 this was a massive single week outflow with only w/e 14th and 21st Dec 2018 being larger, and they were after a sizeable sell-off. 1638.4

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3174.4

3072

2969.6

2867.2

2764.8

2662.4 2560

2457.6 2355.2 2252.8 2150.4

2048

1536

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