THRASHER ANALYTICS

AUGUST 6, 2023

WEEKLY RESEARCH & ANALYSIS   **BY ANDREW THRASHER, CMT**

SUMMARY OF MODELS

	Current	Wkly Change
Maestro Model	14	Decreasing
Volatility Risk Trigger	0	Decreasing
Risk Appetite Ratios	62	Unchanged
S&P 500 Long-Term Trend	Up	Unchanged

TABLE OF CONTENTS

Sector Rotation: August	
Technology	XLK
Communication	XLC
Consumer Disc.	XLY

Maestro Model	
Trend / Momentum	5
Sentiment / VIX	1
Breadth	4
Economic	0
Total	14

(Breadth is weighted double in model)

Index & Sector	Up Trend	Down Trend
SPX	X	
QQQ	X	
XLF	X	
XLY	X	
XLK	X	
XLV	X	
XLU		X
XLP	X	
XLI	X	
XLRE		X
XLE	X	
XLB	X	

Daily Sentiment Index	% Bullish	5-day MA
S&P 500	65%	72%
Nasdaq 100	65%	72%
Nikkei	66%	67%
VIX	14%	15%
10yr Treasury	37%	37%
5yr Treasury	40%	38%
CRB Index	80%	80%
Crude Oil	78%	78%
Gold	30%	32%
U.S. Dollar	75%	78%
Bitcoin	57%	59%

*Green<25% Red>80%

source: trade-futures.com

Brief Summary:

Stocks pulled back last week, starting to line up with the seasonal trend of weakness in August discussed last week. Meanwhile, VIX saw a move higher but not quite to a lofty level just yet. This also lines up with seasonality and the persist VRT signal that's lasted for several weeks now. The Maestro Model remains firmly positive, seeing marginal declines in Trend and Breadth. SPX still hasn't hit a 20-day low and the breadth data hasn't broken down to a impactful levels.

Offense sectors held up well last week, led by energy which I've been discussing for several weeks now - with its notable improvement in sentiment and breadth. crude oil also has been rising as the Crack Spread continues to climb higher. This week I look at the massive drop in the SPR and how the White House could get caught off guard if we keep seeing higher oil prices and they didn't take their chance to refill. Natural Gas and Wheat are two other commodities I look at this week with bullish improvements.

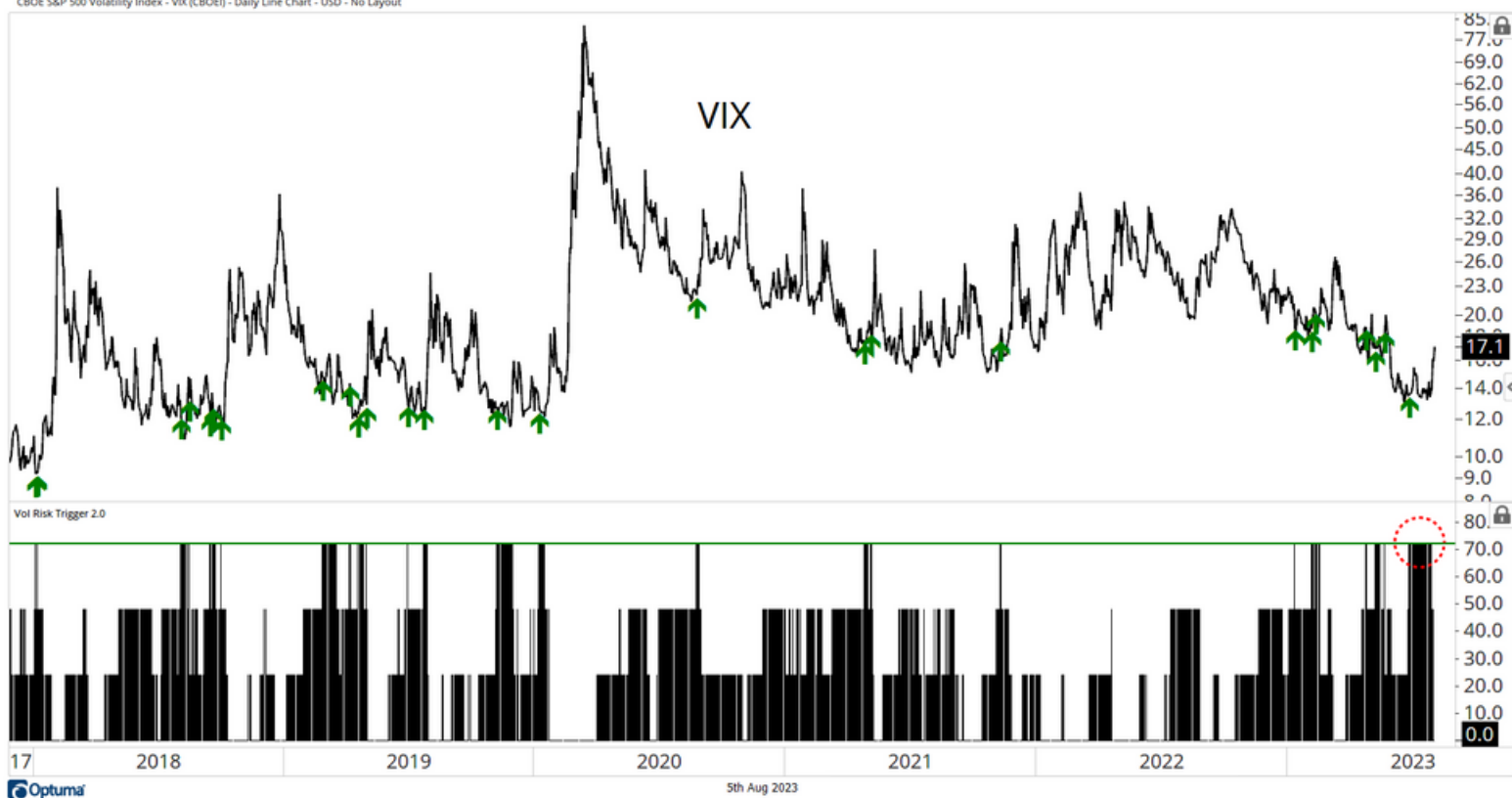This week we'll get a look at inflation data on Thursday with CPI and then PPI on Friday.

VIX has (finally) started moving higher, closing above 17 on Friday which was a multi-week high. This has now 'reset' the VRT which is back to zero.

VIX remains in a Low Vol Environment (primarily due to the lack of backwardation in the futures curve along other factors) and we haven't seen signs that have been associated with a peak in volatility yet.

The curve has begun to flatten out between 9-day and 1-month volatility with the spread narrowing between 1-month and 3-month as well.
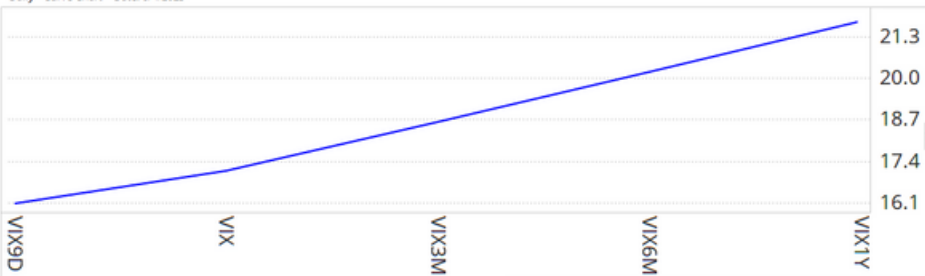
Volatility - Seasonality

Last week I discussed the seasonal strength that has typically picks up in August for VIX. That started to develop last week as we got a roughly 4 point increase in vol (not much, but the bar was set low at the first part of this year!) While spot VIX is up about 23% over the last 3-days, that still is below a 3-sigma or 4-sigma level. This suggests we could still see vol move higher as the argument that it's 'over extended" would be hard to argue at this point.
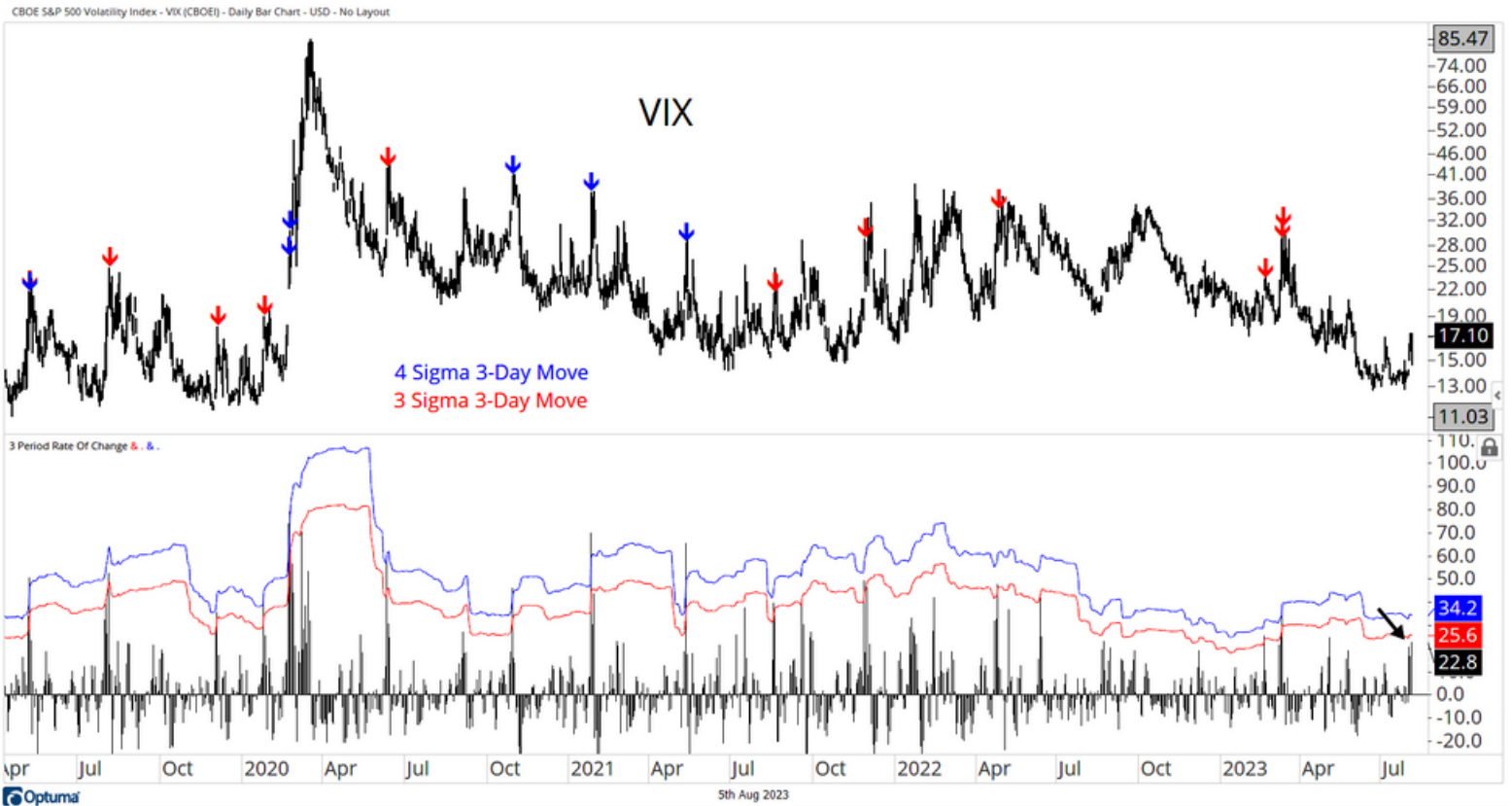
Please be sure to check out the Maestro Model Summary PDF in the Archive on the website.

The Maestro Model moved lower by a few points, closing on Friday at +14 as Trend and Breadth dropped by 1 point each.
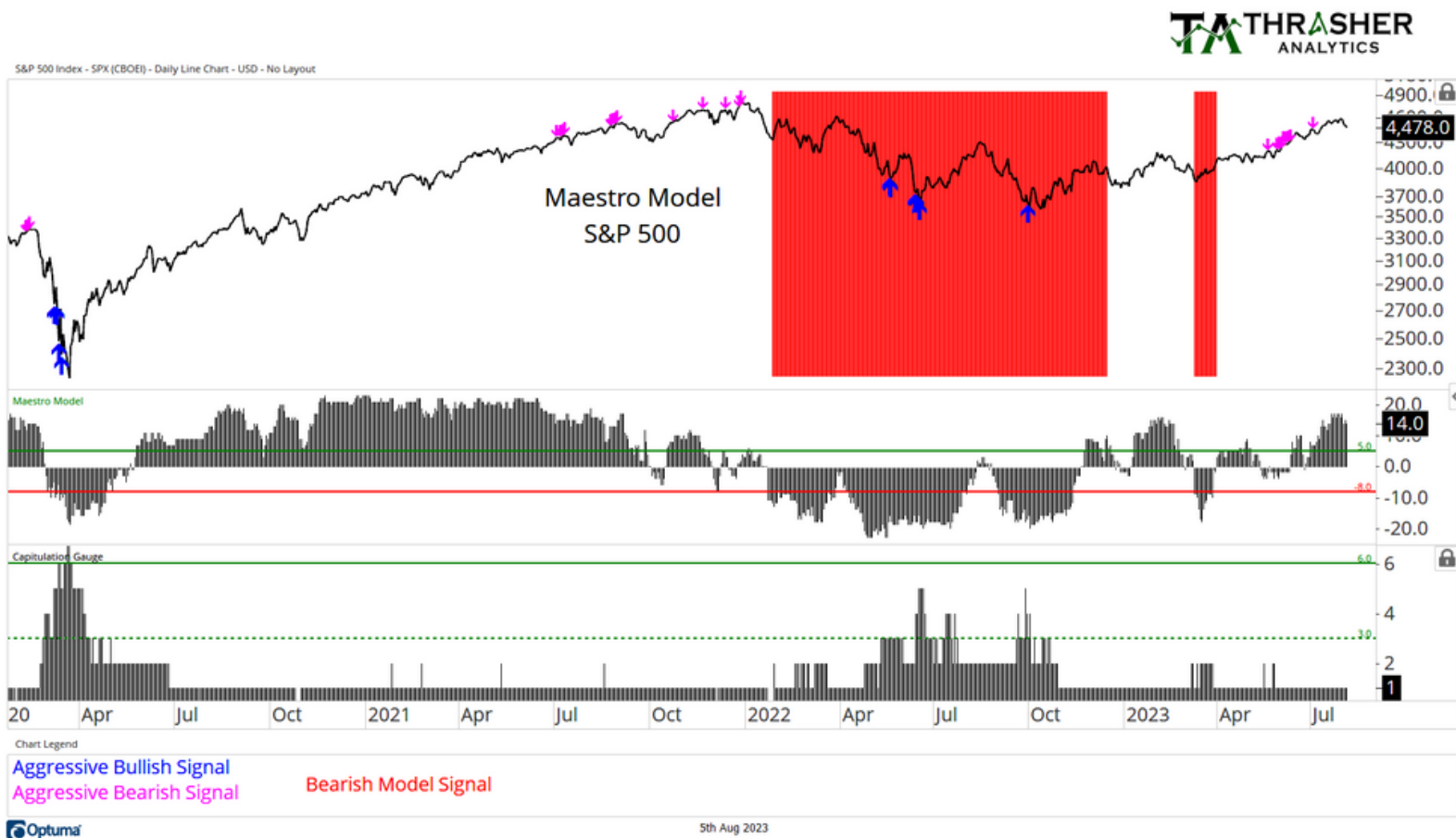
Trend/Momentum and Breadth each declined by 1 point from last week.

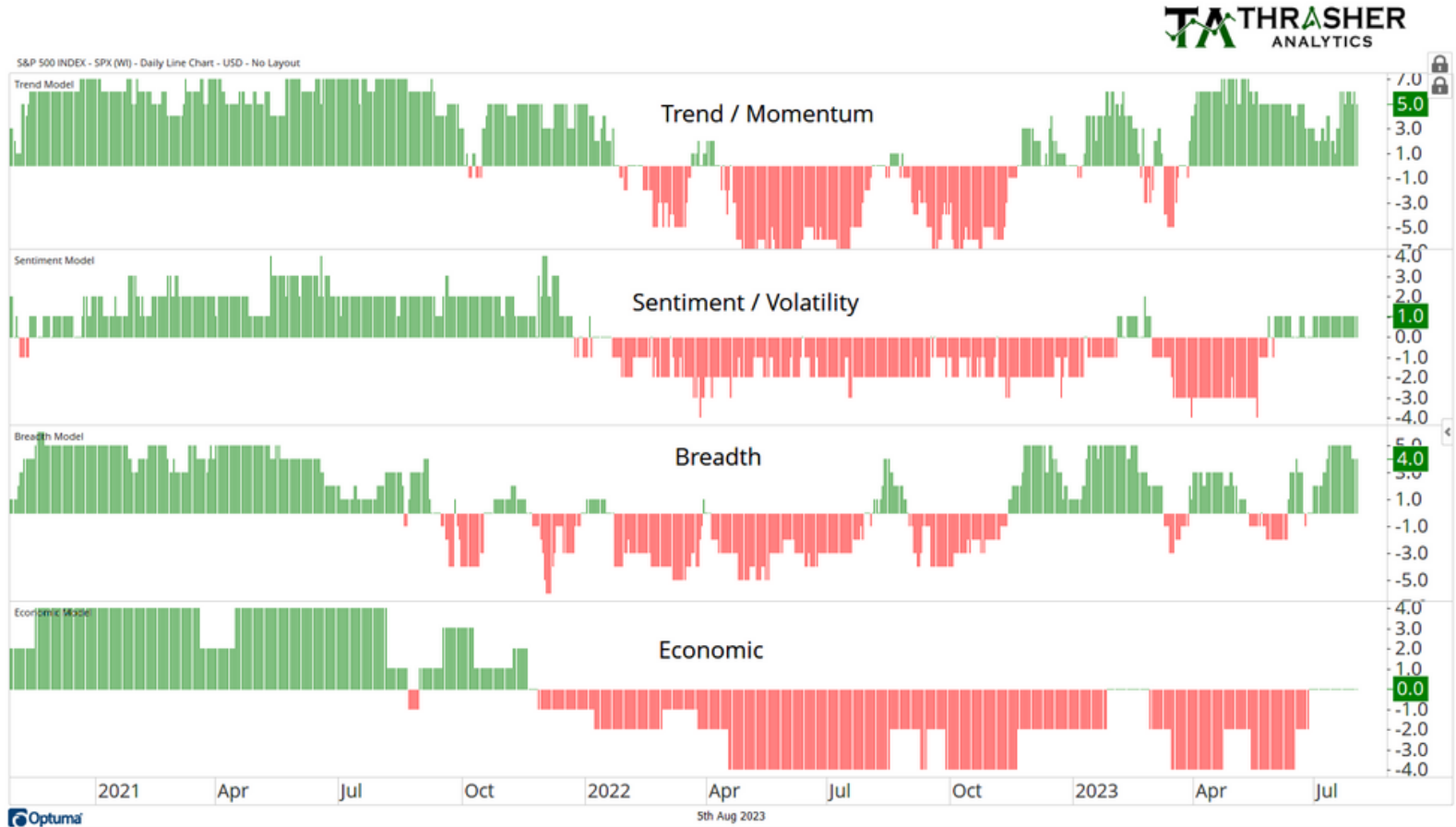Once again, the focus is on energy which saw another strong week in performance as well as in sentiment. XLE was one of two, along with XLF, that saw an increase in its sector sentiment score. Tech individual stock sentiment has held up fairly well. XLU saw 3 bullish momentum divergences on Friday along with its sentiment now negative, giving a possible mean-reversion setup.

Daily - Watch List - No Layout

Sector	Ticker	Sector Sentiment	Change in Score	1W Perf	1M Perf	3M Perf
SPDR Consumer Discretionary Select Sector Fund ETF	XLY	0.44	-0.03	-0.70%	-0.18%	18.91%
SPDR Communication Services Select Sector ETF	XLC	0.38	-0.05	-2.50%	2.74%	16.46%
SPDR Materials Select Sector Fund ETF	XLB	0.34	-0.06	-1.99%	0.47%	6.68%
SPDR Financial Select Sector Fund ETF	XLF	0.28	0.01	-0.82%	2.98%	10.65%
SPDR Technology Select Sector Fund ETF	XLK	0.24	-0.11	-3.81%	-1.34%	16.01%
SPDR Consumer Staples Select Sector Fund ETF	XLP	0.24	-0.10	-1.91%	-0.13%	-2.38%
SPDR Energy Select Sector Fund ETF	XLE	0.23	0.06	1.25%	6.83%	11.28%
SPDR Industrial Select Sector Fund ETF	XLI	0.19	-0.04	-1.74%	0.84%	10.42%
SPDR Real Estate Select Sector Fund ETF	XLRE	0.08	-0.04	-2.16%	-2.42%	0.54%
SPDR Health Care Select Sector Fund ETF	XLV	0.07	-0.10	-2.06%	0.58%	0.00%
SPDR Utilities Select Sector Fund ETF	XLU	-0.01	-0.12	-4.55%	-2.94%	-6.71%
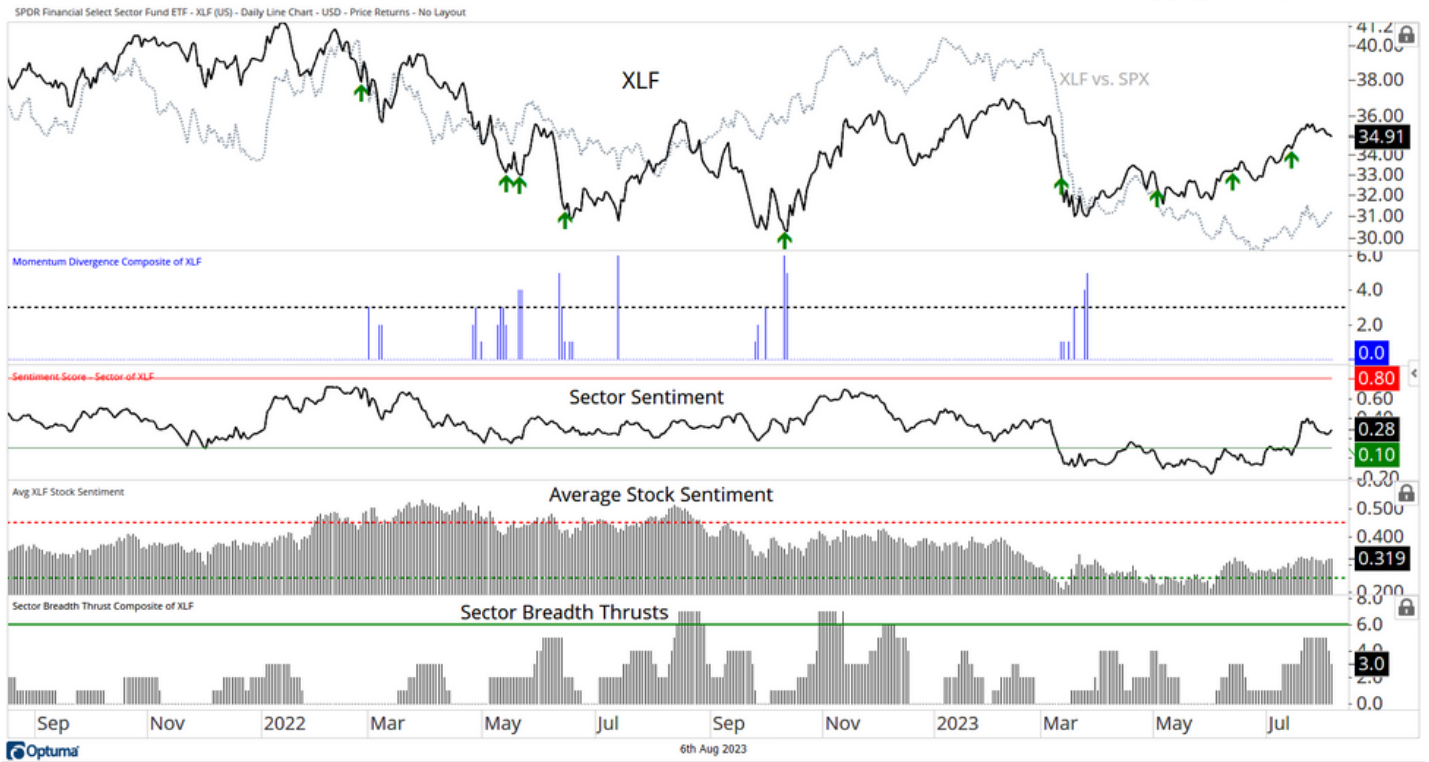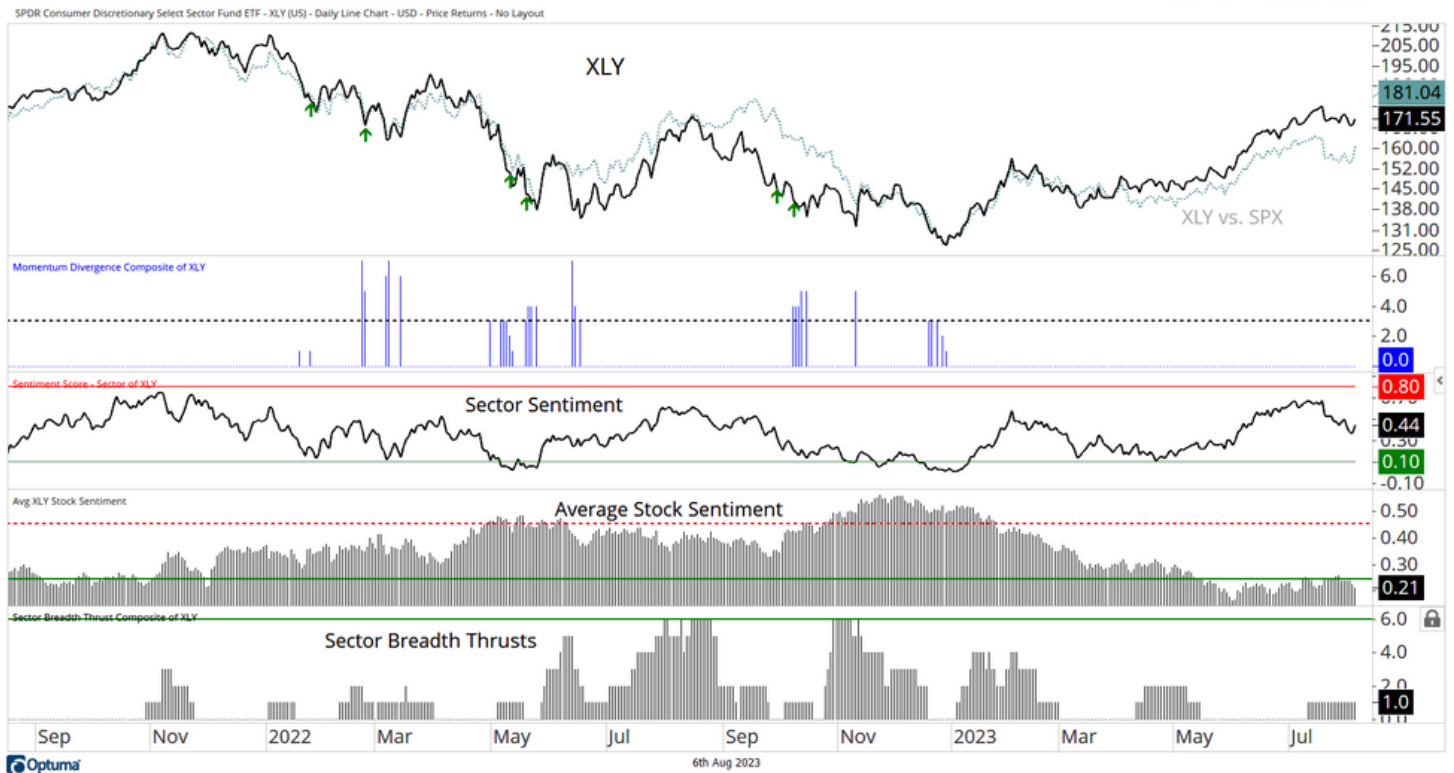
SPDR Industrial Select Sector Fund ETF - XLI (US) - Daily Line Chart - USD - Price Returns - No Layout

XLI

XLI vs. SPX

Momentum Divergence Composite of XLI

Sentiment Score - Sector of XLI — Sector Sentiment

Average Stock Sentiment

Sector Breadth Thrust Composite of XLI — Sector Breadth Thrusts

6th Aug 2023
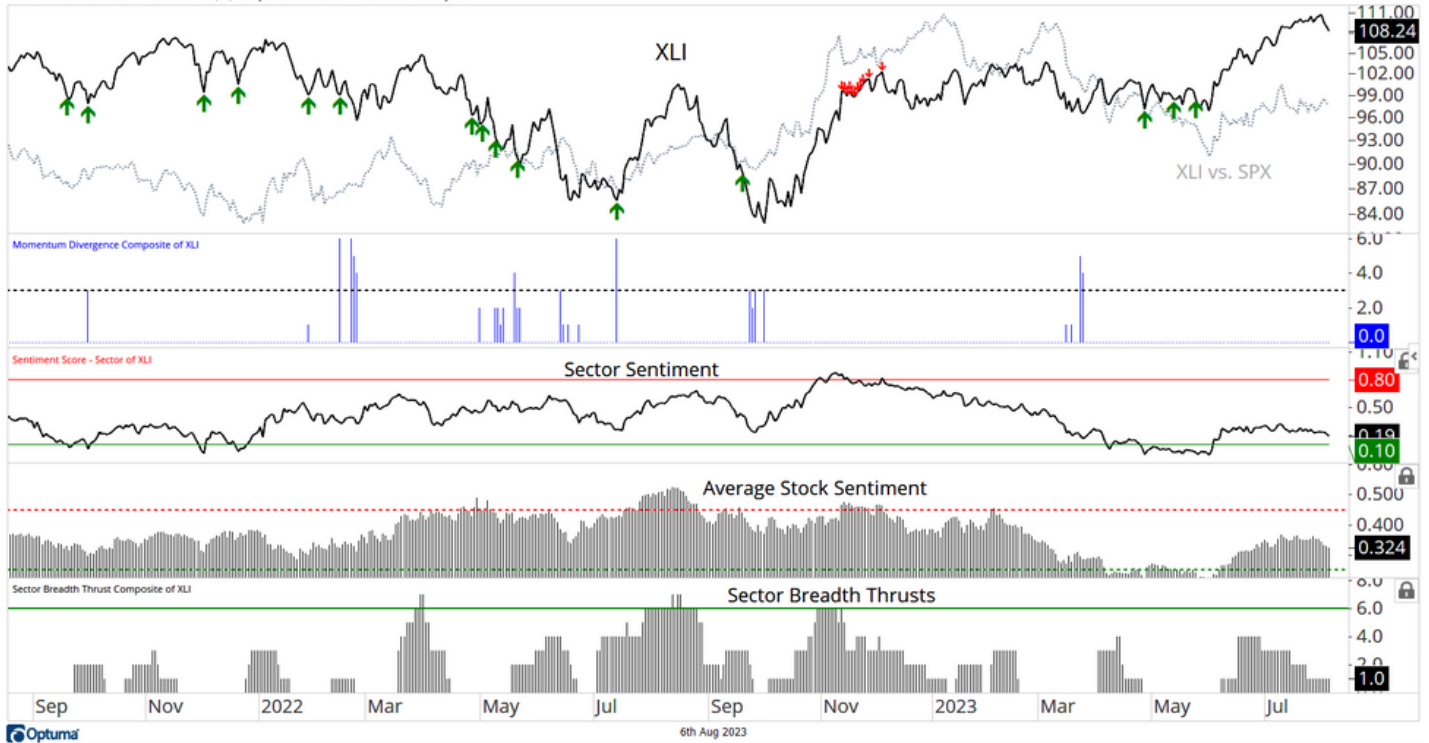
SPDR Materials Select Sector Fund ETF - XLB (US) - Daily Line Chart - USD - Price Returns - No Layout
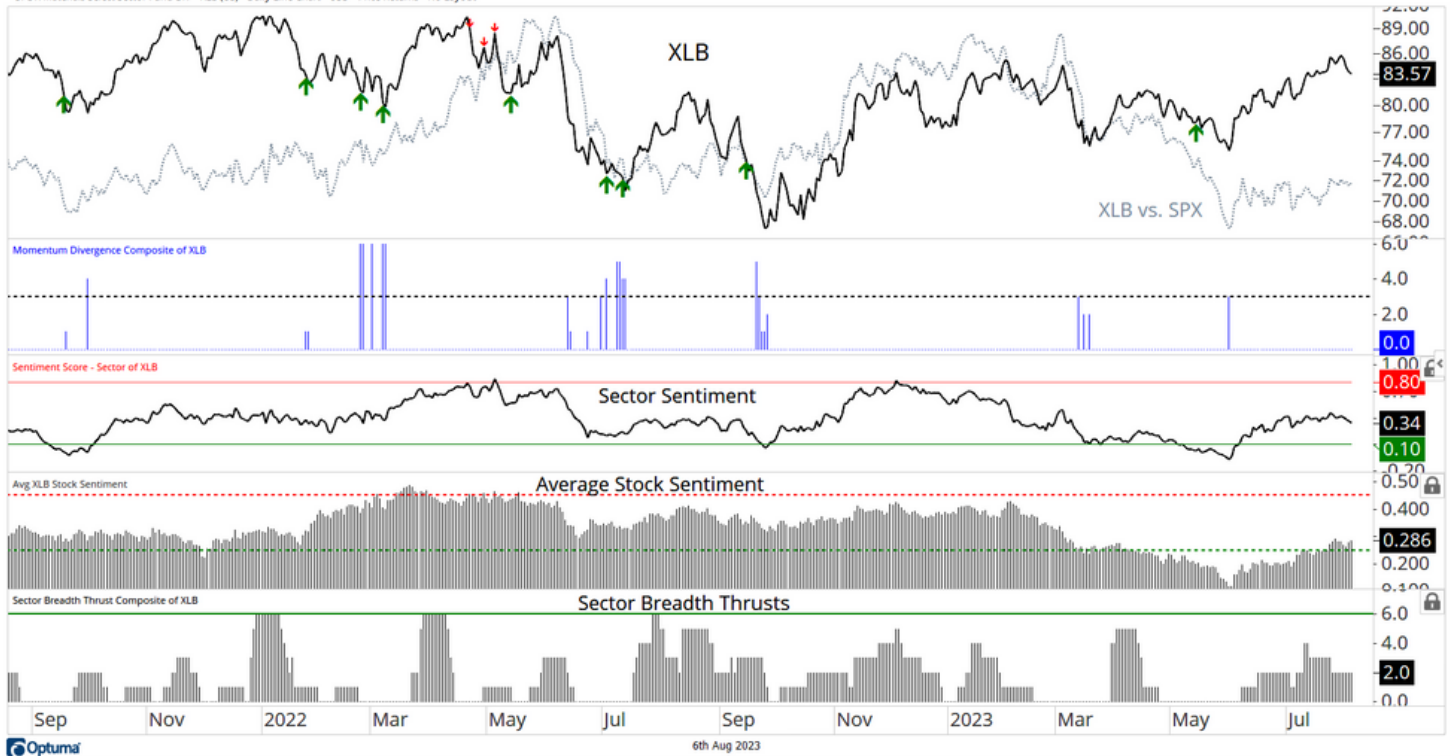
XLB

XLB vs. SPX

Momentum Divergence Composite of XLB

Sentiment Score - Sector of XLB — Sector Sentiment

Avg XLB Stock Sentiment — Average Stock Sentiment

Sector Breadth Thrust Composite of XLB — Sector Breadth Thrusts

6th Aug 2023
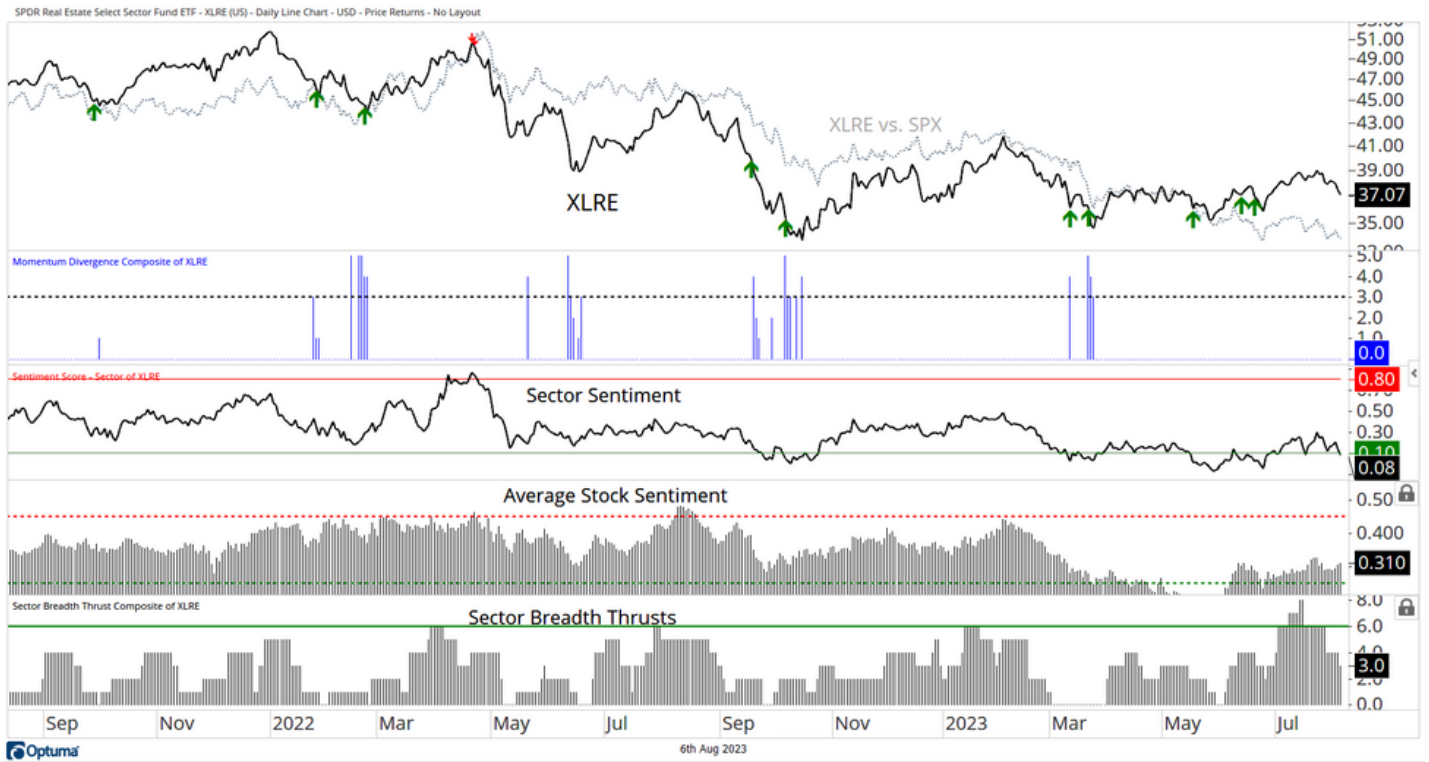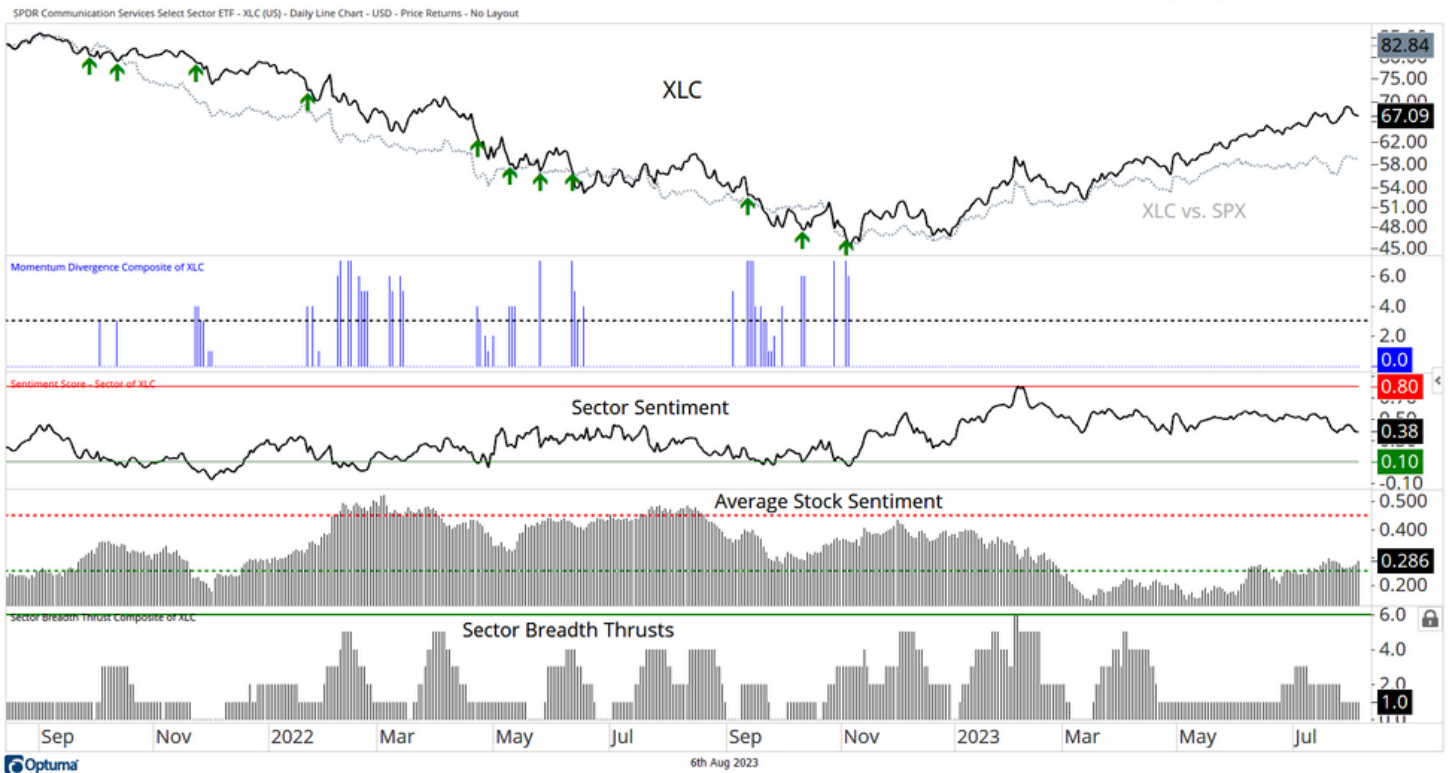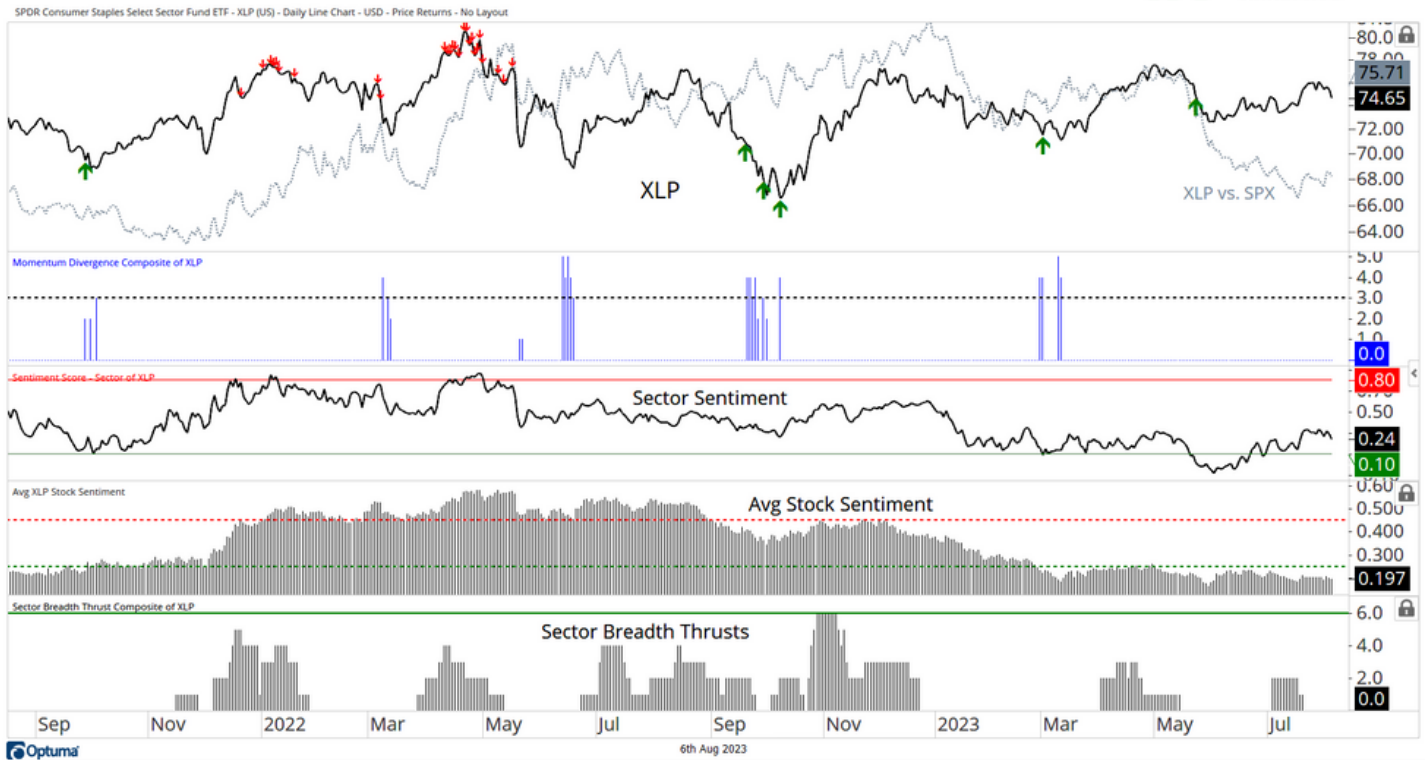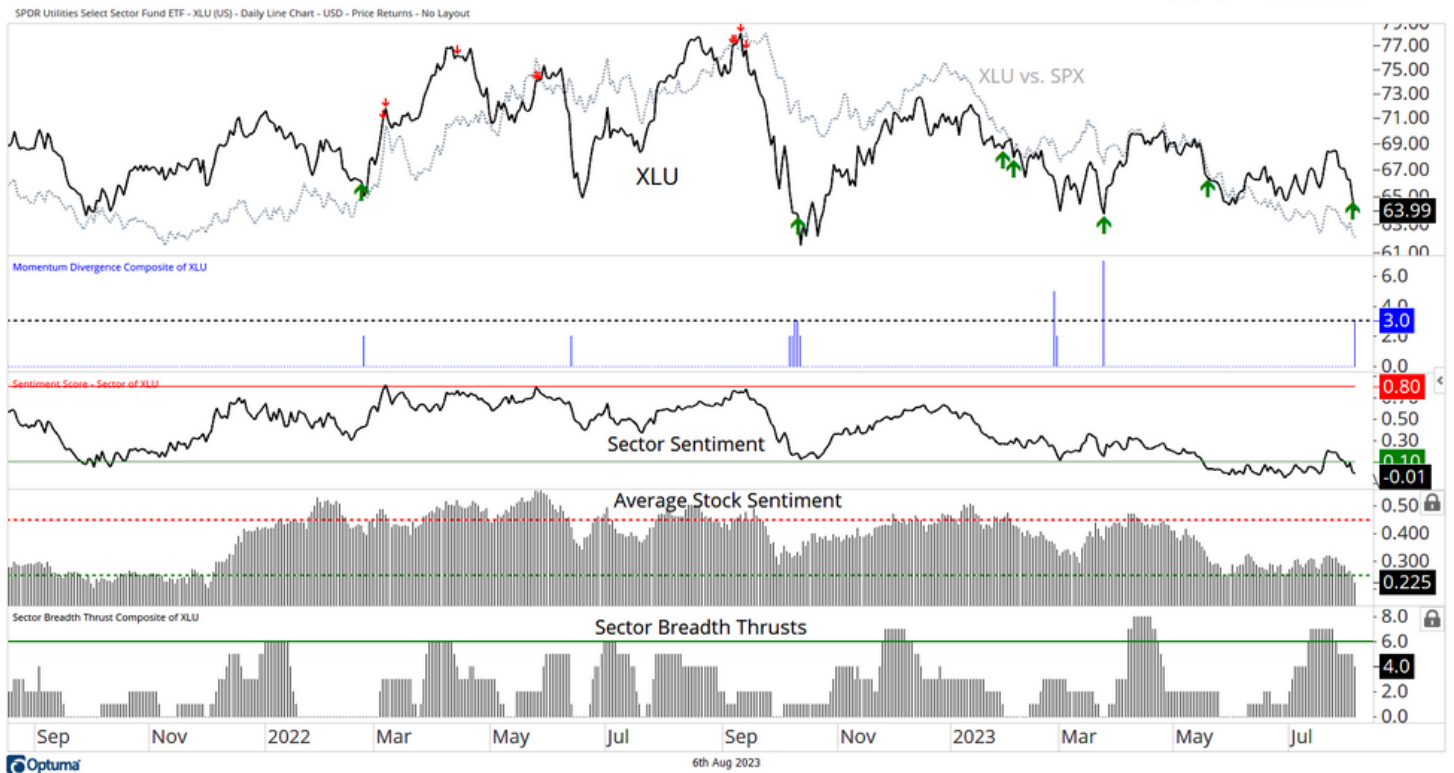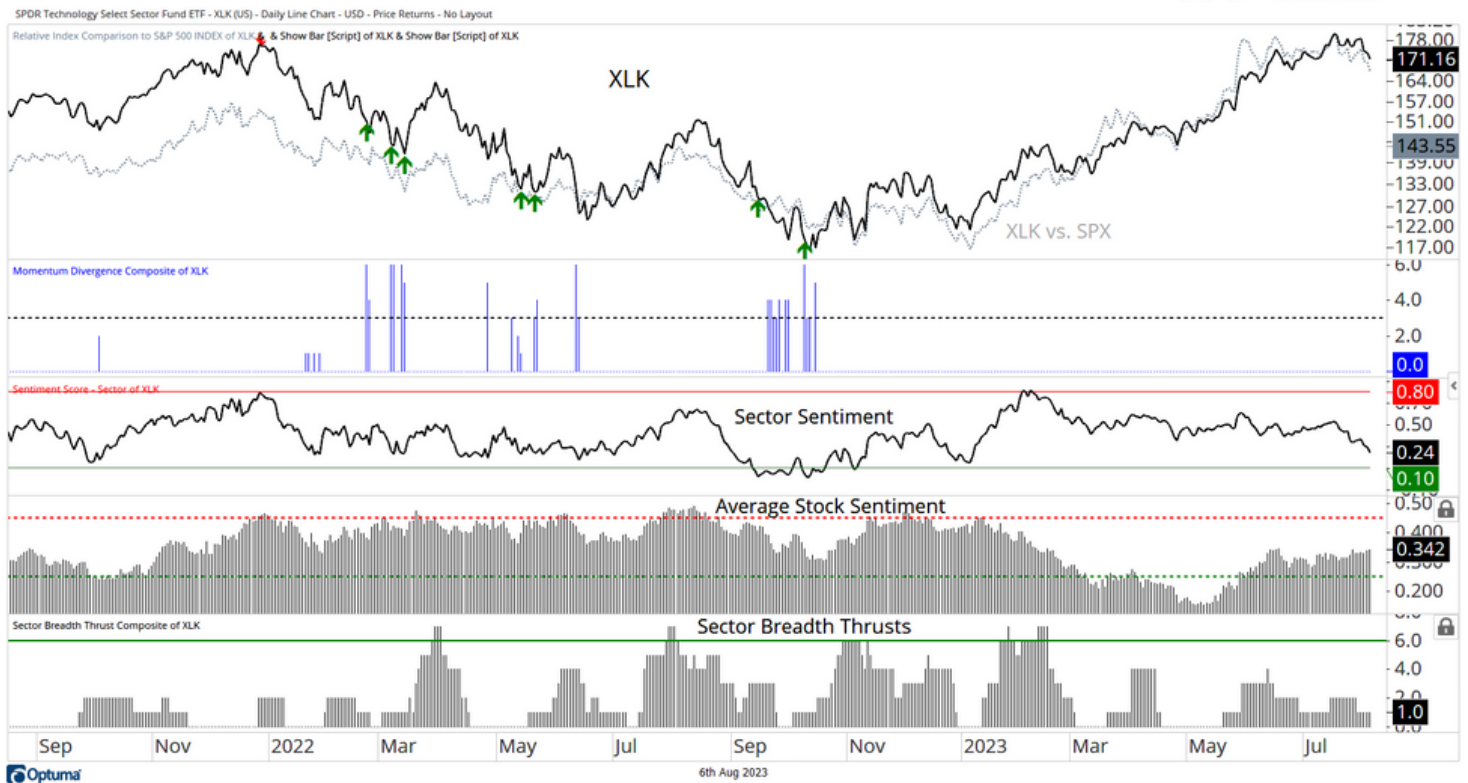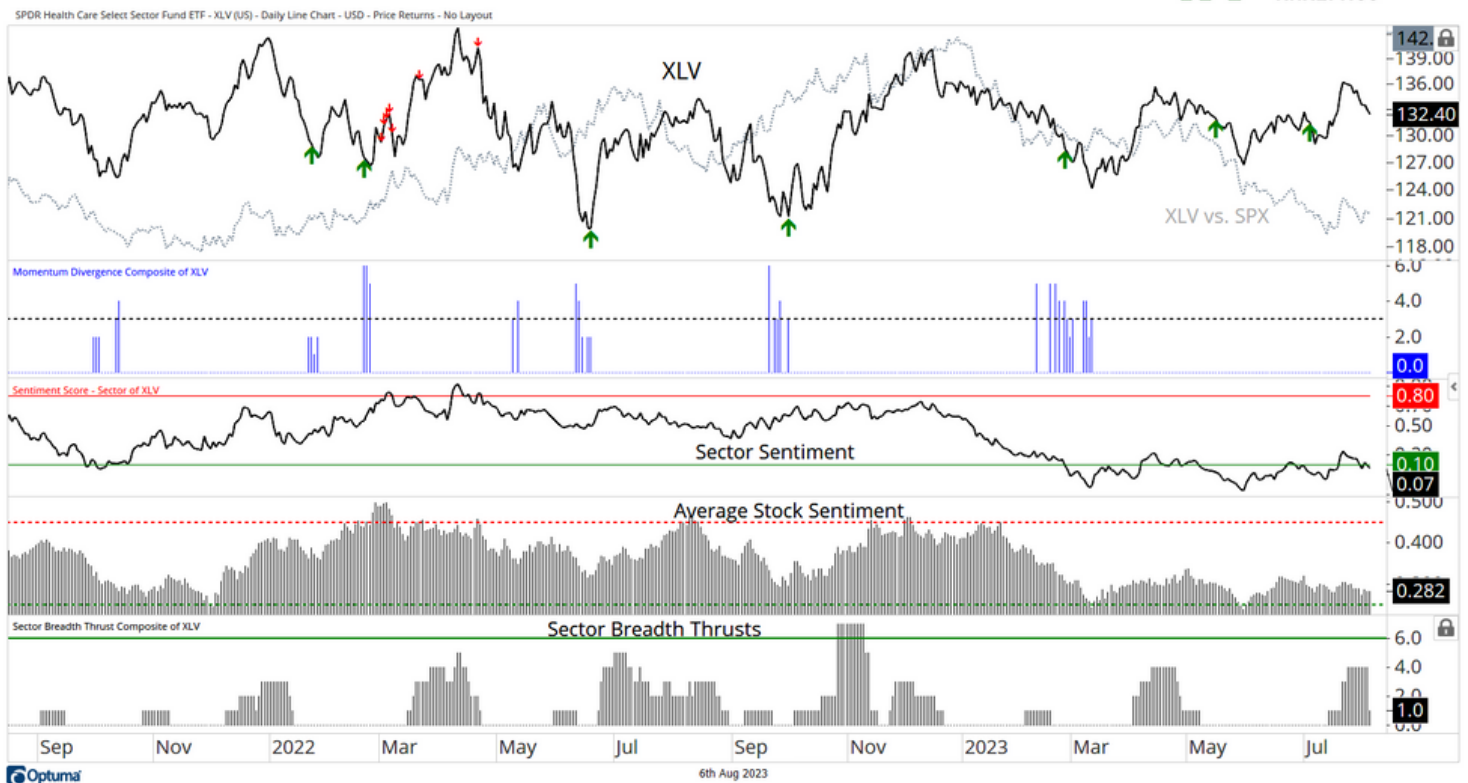
Risk Appetite Ratio

Below is a table of 16 gauges of risk appetite such as offense vs. defense sectors, foreign markets vs. domestic, small vs. large cap, lumber vs gold, high beta vs. broad market, high yield debt vs. Treasury debt, etc. The table shows each ratio's 1-year percentile going back the last 35 trading days. As the data improves, it turns green and as it declines it becomes red.

The average Risk Appetite Ratio percentile is at the 62nd percentile.

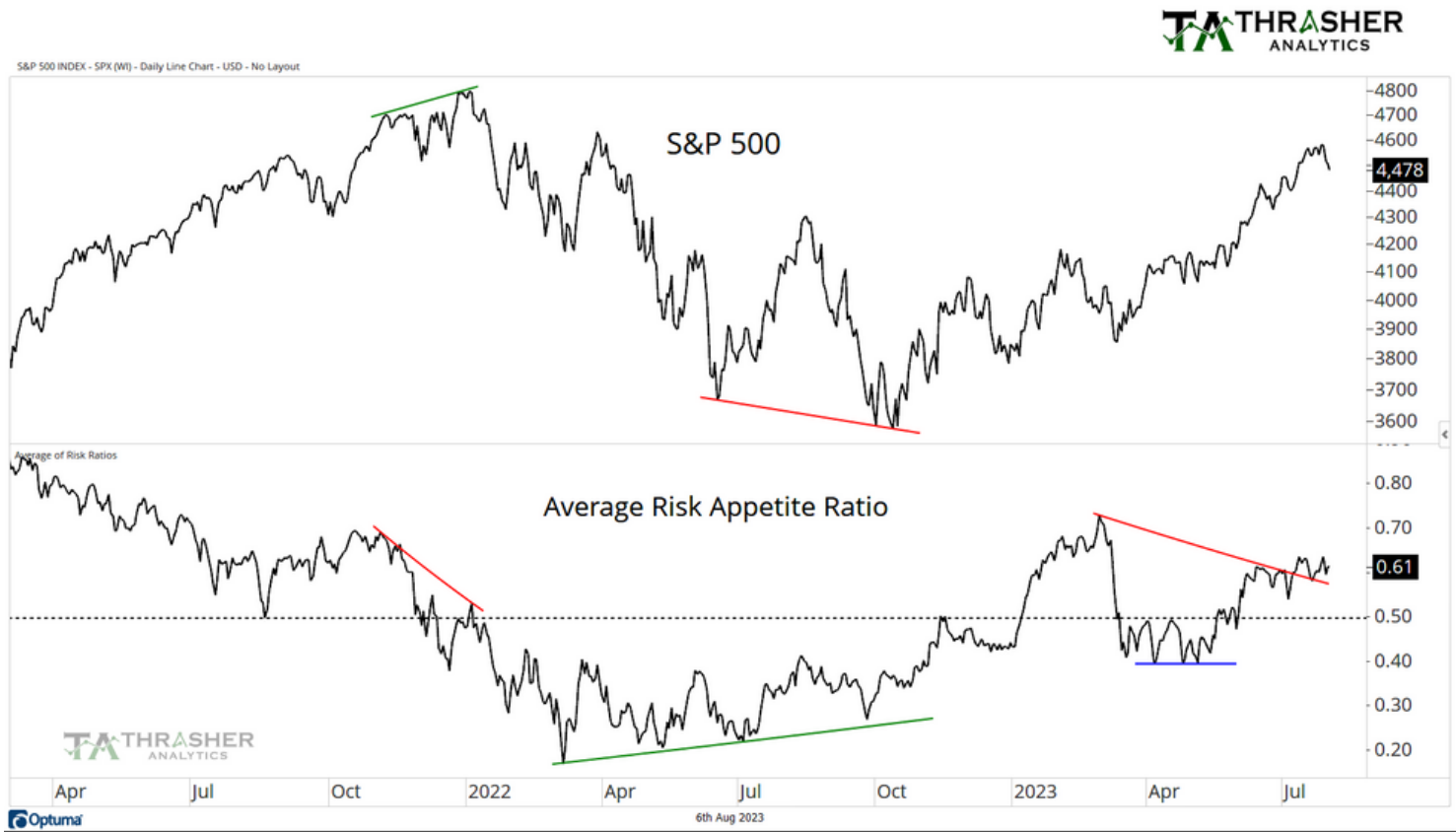| Risk Metric	-35	-34	-33	-32	-31	-30	-29	-28	-27	-26	-25	-24	-23	-22	-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	Current
Emerging Market vs. SPX	0.24	0.22	0.24	0.17	0.18	0.16	0.13	0.16	0.16	0.13	0.08	0.06	0.11	0.09	0.03	0.10	0.09	0.11	0.18	0.20	0.18	0.17	0.09	0.07	0.07	0.06	0.10	0.13	0.16	0.13	0.21	0.20	0.15	0.10	0.13	0.15
EAFE vs. SPX	0.50	0.49	0.51	0.47	0.51	0.45	0.40	0.43	0.42	0.42	0.39	0.40	0.38	0.33	0.27	0.33	0.33	0.35	0.41	0.45	0.42	0.40	0.39	0.38	0.39	0.40	0.36	0.35	0.36	0.39	0.37	0.36	0.31	0.28	0.28	0.32
HY Debt vs. Treasury	0.66	0.63	0.64	0.59	0.57	0.61	0.56	0.56	0.58	0.59	0.67	0.63	0.64	0.67	0.69	0.72	0.74	0.74	0.73	0.70	0.69	0.69	0.68	0.62	0.66	0.68	0.69	0.69	0.71	0.77	0.78	0.78	0.83	0.86	0.98	0.91
Home Construction vs. SPX	0.90	0.92	0.93	0.98	1.00	0.96	1.00	1.00	1.00	0.98	0.99	0.97	0.94	0.90	0.84	0.87	1.00	1.00	1.00	0.98	1.00	1.00	1.00	0.98	0.92	0.91	0.91	0.94	0.95	0.97	0.97	0.97	1.00	1.00	0.96	1.00
Offense vs. Defense Sectors	1.00	0.99	0.96	0.97	0.93	0.92	0.91	0.91	0.99	1.00	1.00	1.00	1.00	0.96	0.94	1.00	1.00	1.00	1.00	1.00	0.94	1.00	1.00	0.97	0.85	0.80	0.83	0.85	0.84	0.85	0.89	0.93	0.95	0.87	0.90	0.93
Broker-Dealer vs. SPX	0.06	0.05	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.01	0.07	0.03	0.06	0.02	0.00	0.03	0.07	0.07	0.09	0.07	0.07	0.18	0.18	0.25	0.25	0.26	0.25	0.26	0.25	0.19	0.19	0.20	0.23	0.23	0.24
S&P Growth vs. S&P Value	0.56	0.54	0.54	0.58	0.57	0.62	0.61	0.56	0.55	0.57	0.55	0.57	0.56	0.57	0.58	0.55	0.53	0.49	0.49	0.51	0.54	0.58	0.57	0.55	0.51	0.51	0.52	0.54	0.54	0.54	0.56	0.55	0.56	0.54	0.54	0.51
Semiconductor vs. SPX	1.00	0.94	0.94	0.95	0.89	0.90	0.87	0.87	0.93	0.90	0.88	0.89	0.92	0.86	0.85	0.86	0.90	0.88	0.92	0.97	0.94	0.99	0.97	0.94	0.85	0.87	0.85	0.89	0.86	0.93	0.96	0.96	0.96	0.89	0.89	0.91
Consumer Disc. Vs. Staples	0.97	0.96	0.95	1.00	0.94	0.97	0.95	0.89	0.96	1.00	1.00	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	0.83	0.82	0.83	0.83	0.82	0.82	0.84	0.87	0.85	0.78	0.80	0.88
Small Cap vs. Utilities	0.77	0.76	0.70	0.77	0.72	0.72	0.72	0.68	0.75	0.84	0.89	0.86	0.84	0.74	0.72	0.80	0.90	0.89	0.87	0.89	0.87	0.97	1.00	0.97	0.85	0.77	0.80	0.79	0.82	0.84	0.91	0.96	1.00	0.93	1.00	1.00
Transports vs. Utilities	0.77	0.81	0.86	0.88	0.84	0.86	0.83	0.88	0.91	0.94	1.00	1.00	1.00	0.96	0.96	0.90	0.92	0.97	1.00	1.00	0.95	0.93	0.93	0.97	1.00	0.99	0.93	0.88	0.87	0.96	0.97	1.00	1.00	0.97	1.00	1.00
Equal Weight vs. Cap Weight	0.08	0.07	0.13	0.06	0.09	0.03	0.02	0.10	0.11	0.09	0.12	0.10	0.11	0.09	0.08	0.13	0.18	0.22	0.19	0.16	0.12	0.11	0.10	0.12	0.17	0.18	0.16	0.15	0.17	0.15	0.11	0.12	0.11	0.14	0.13	0.13
Small cap vs. Large Cap	0.15	0.12	0.12	0.12	0.14	0.07	0.02	0.05	0.07	0.10	0.15	0.11	0.11	0.05	0.00	0.09	0.19	0.21	0.23	0.23	0.17	0.22	0.25	0.23	0.23	0.22	0.20	0.25	0.21	0.23	0.30	0.28	0.29	0.29	0.30	0.30
Equities. vs. VIX	0.88	0.93	1.00	0.95	1.00	0.96	1.00	1.00	0.93	0.85	0.91	0.94	0.94	0.95	0.95	0.89	0.77	0.82	0.80	0.83	0.96	0.97	0.99	0.98	1.00	0.95	0.92	0.96	0.95	1.00	0.87	0.99	0.93	0.73	0.74	0.65
Aussie Dollar vs. Yen	0.91	0.90	0.79	0.83	0.85	0.78	0.78	0.82	0.74	0.78	0.78	0.84	0.85	0.82	0.75	0.71	0.65	0.61	0.62	0.72	0.69	0.67	0.67	0.67	0.70	0.74	0.74	0.77	0.69	0.58	0.61	0.76	0.69	0.60	0.56	0.54
Copper vs. Gold	0.36	0.36	0.35	0.39	0.43	0.45	0.34	0.31	0.32	0.27	0.23	0.27	0.31	0.30	0.29	0.31	0.31	0.27	0.31	0.40	0.41	0.31	0.25	0.23	0.27	0.27	0.32	0.36	0.33	0.37	0.39	0.46	0.40	0.35	0.41	0.36
AVERAGE	0.61	0.61	0.61	0.61	0.60	0.59	0.57	0.58	0.59	0.59	0.61	0.60	0.61	0.58	0.56	0.58	0.60	0.60	0.61	0.63	0.62	0.63	0.63	0.62	0.60	0.59	0.59	0.60	0.60	0.61	0.62	0.65	0.64	0.60	0.62	0.615

Bearish

Bullish
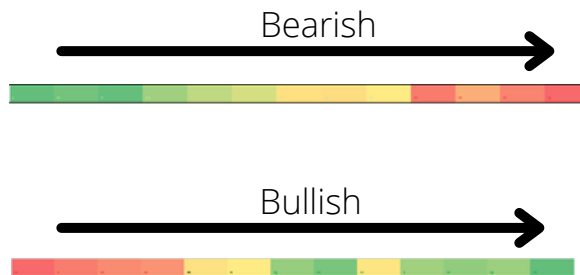
Risk Appetite Ratio

Risk Appetite held up well last week as broad indices declined. This was helped by the strength in Offensive sectors like Consumer Disc. and Energy, as well as weakness in Utilities and strength in Home Construction and High Yield Debt.

Each week will take a look at the stocks making new 6-month highs (on the left) and lows (on the right) relative to the S&P 500. This list will be of large cap stocks and grouped based on their sector. If it's making a 6-month AND a 12-month relative high (or low) then it'll be shown in green (or red) and if it's a new 12-month absolute new high (price) then it will be in bold. This type of scan be useful in seeing what stocks are showing strength as well as which sectors have the most stocks making relative gains. We can also get insight into the breadth of the market based on whether there are more new relative highs or lows each week. I hope you find this useful as a source of idea generation and a unique view on the broad health of the market.

New high list stayed at 8 and new low list decreased from 38 to 36.

New 6-Month Relative Performance High List

XLY	XLK	XLF	XLC	XLI	XLB	XLE	XLP	XLV	XLU	XLRE
PHM				PNR					CEG	
MAR				IR						
BKNG										
STZ										
AMZN										

	Total 6m RS Highs:
New 12-month Absolute High	
New 12-month Relative High	8

New 6-Month Relative Performance Low List

XLY	XLK	XLF	XLC	XLI	XLB	XLE	XLP	XLV	XLU	XLRE
MO	TXN	PYPL		CSX			EL	RMD	NI	CCI
ETSY	SEDG	MKTX		HON				MDT	NEE	HST
								EW	ES	VTR
								TFX	AES	
								PODD	AEP	
								MRNA	XEL	
									SRE	
									SO	
									PEG	
									LNT	
									FE	
									EXC	
									EVRG	
									ED	
									D	
									CMS	
									AEE	
									PNW	

	Total 6m RS Lows:
New 12-month Absolute Low	
New 12-month Relative Low	36

The S&P 500 pulled back last week, initially seeing a bounce on Thursday at the VWAP from the June low but then undercut it on Friday as sellers came in force again. From here I'm watching the VWAP from the breakout level after the multi-month consolidation. The breakout above 4200 was significant and so we want to use that level as our next key VWAP. Under that, would be the 50-day MA. If bulls are still in charge, we should see this area... 4390-4425 hold as support. From there we could see a test of that previously mentioned breakout level at 4200.

I've added an add'l section of the breadth thrust composite chart, titled Primary Long-Term Thrusts. These are the handful of thrusts that are in the original composite that have the best track record and only have the highest bar to clear to signal. The original composite is still what 'feeds' the breadth category of the Maestro Model.

Thrust count remains at +1.
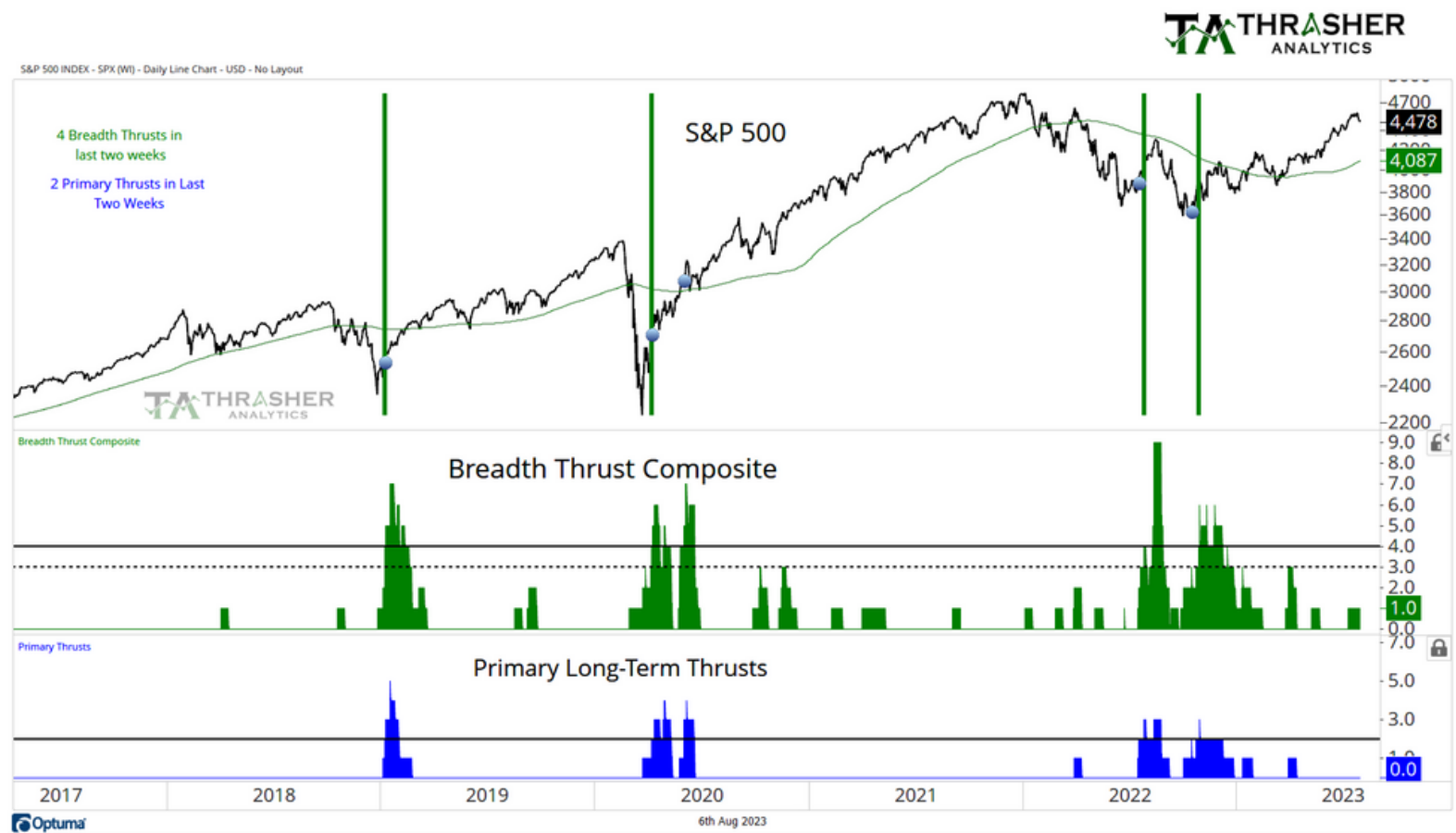
Below is a table showing the changes in breadth data over the last 35 days. This provides insight into whether bullish or bearish data is improving or declining.

	35 Days Ago	30 Days Ago	25 Days Ago	20 Days Ago	15 Days Ago	10 Days Ago	5 Days Ago	Current
Moving Average Breadth								
S&P 500 % above 200-day MA	55.9	55.1	59.4	61.8	66.8	73.6	70.0	61.6
Nasdaq 100 % above 200-day MA	76.2	73.3	72.3	71.3	78.2	82.2	81.2	73.3
S&P 500 % above 50-day MA	61.8	58.6	67.6	71.8	82.3	86.7	80.3	60.0
Nasdaq 100 % above 50-day MA	71.3	76.2	70.3	74.3	84.2	85.1	84.2	55.5
S&P 500 % above 20-day MA	79.1	68.2	72.4	63.2	80.3	82.3	63.8	37.6
Nasdaq 100 % above 20-day MA	82.2	71.3	57.4	45.5	83.2	81.2	69.3	38.6
Bullish Breadth								
S&P 500 % RSI(14) > 70	8.4	5.2	11.9	3.8	9.0	12.5	10.9	4.4
Nasdaq 100 % RSI(14) > 70	13.9	7.9	6.9	2.0	13.9	10.9	12.9	4.0
S&P 400 % New 52 week highs	6.0	1.5	11.2	3.5	7.2	6.0	6.0	5.7
S&P 600 % New 52 week highs	3.5	2.0	7.0	1.2	3.0	3.3	4.8	4.8
S&P 500 % New 52 week highs	8.0	2.6	8.0	2.4	8.0	7.2	5.6	3.8
Nasdaq 100 % New 52 week highs	6.9	2.0	3.0	2.0	13.9	7.9	13.9	2.0
S&P 500 % New 6 month highs	9.9	2.8	9.9	3.0	9.7	9.7	6.8	5.6
Nasdaq 100 % New 6 month highs	10.9	5.0	5.0	2.0	20.8	10.9	13.9	4.0
Bearish Bearish								
S&P 500 % RSI(14) < 30	1.2	0.8	1.0	1.0	1.0	0.2	1.0	4.4
Nasdaq 100 % RSI(14) < 30	0.0	1.0	1.0	2.0	0.0	0.0	0.0	5.0
S&P 400 % New 52 week lows	0.0	1.7	0.2	1.5	1.0	0.3	0.2	1.5
S&P 600 % New 52 week lows	1.7	2.0	1.5	0.8	0.8	0.7	0.2	1.0
S&P 500 % New 52 week lows	0.4	0.8	0.6	0.8	0.8	0.0	0.4	2.2
Nasdaq 100 % New 52 week lows	0.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0
S&P 500 % New 6 month lows	0.6	1.8	1.6	1.6	1.0	0.0	1.4	3.6
Nasdaq 100 % New 6 month lows	0.0	3.0	4.0	2.0	0.0	0.0	1.0	3.0

Last week I discussed the divergence in new highs as the market was moving up, but we were seeing less new highs across time frames. Now we shift focus to the new lows list. Not a lot of activity here, with just 7% of stocks at a 3-month low. 25% of large cap stocks hit a 20-day low, while we still have SPX a little less than 2% above its own 20-day low as of Friday.

What I'm watching for here is the 6-month low list and if we see a breach above 5%. Currently we have just 4% of stocks at a 6-month low. This was one of the tools I used to call the top in January 2022. I shared a study of when we see SPX fall under its short-term moving average and over 5% of stocks are already at a 6-month low. This matched the developments in the 2020, 2018, and 2007 peaks. So far, we aren't seeing that degree of breakdown in breadth yet.
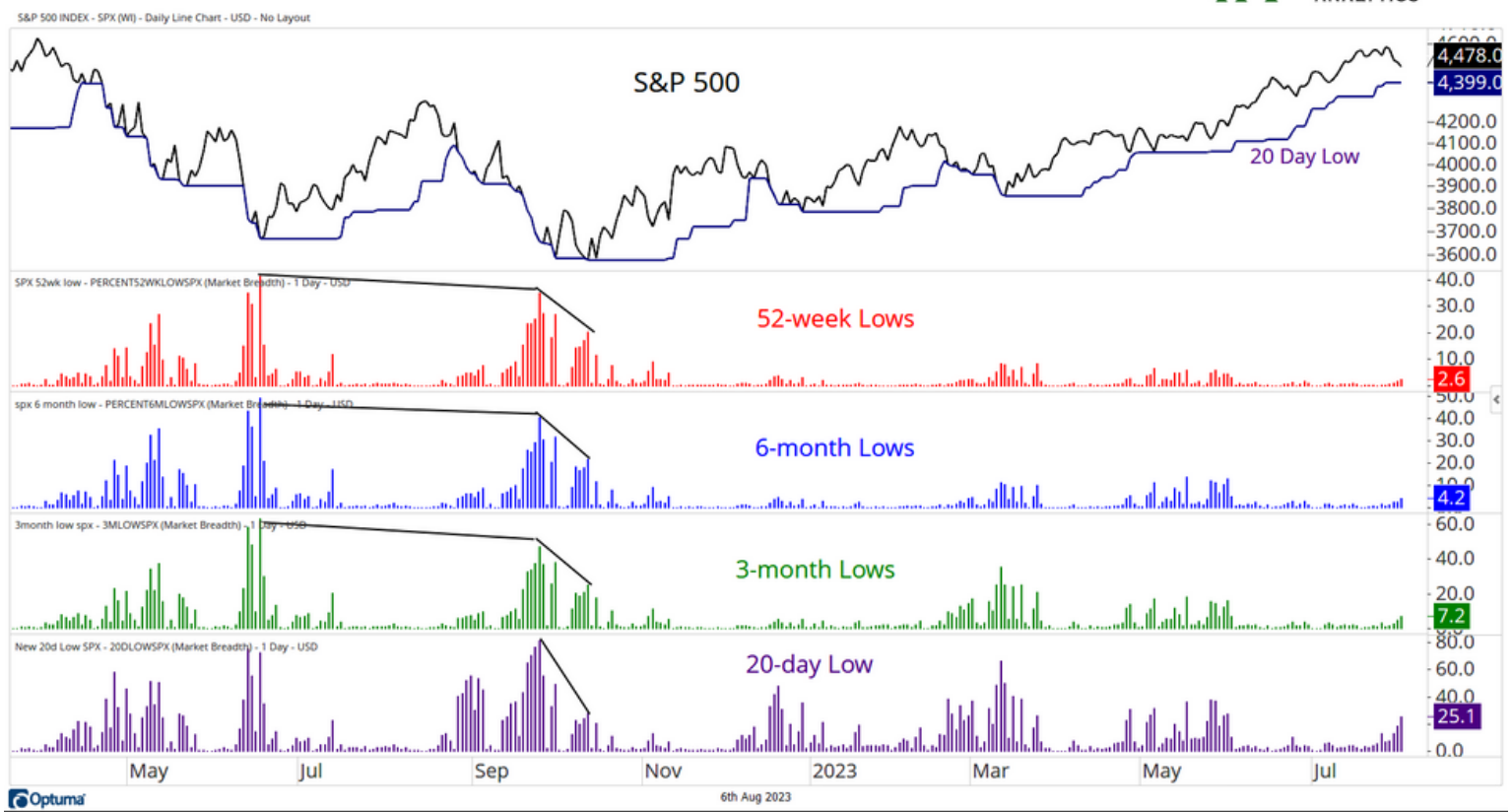
With this minor pullback in stocks, we have moved back to having less than half of stocks trading above their August 2022 high. We peaked at 52% in February and got close to that level again here recently, hitting 51.6% before dropping to 48.4% on Friday.

We got some big earnings reports for the FAAMG group this week, specifically AAPL and AMZN. Apple moved lower but Amazon jump over 8% on Friday. Amazon helped absorb some of the weakness in the other FAAMG gang and even on an equally-weighted basis, the group has held strong recently. It's the Equal-Weight S&P 500 that hit a key price level and moved lower and pulled the Cap-Weighted SPX down a few points last week.
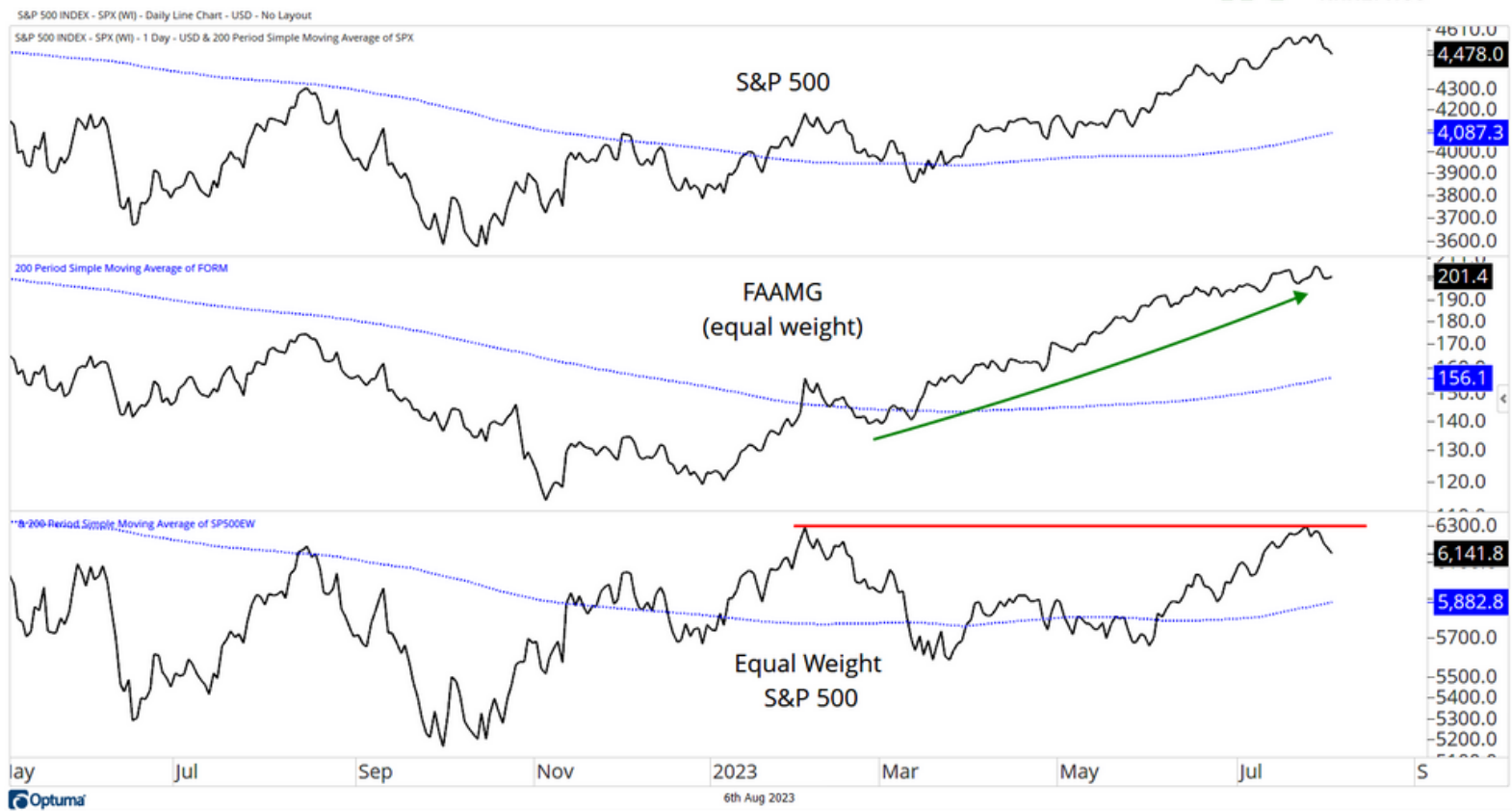
Here's another update on the important developments of "Fed Liquidity." The TGA has continued to get 'refilled' but banks have begun to slow/stop their pull from the RRP which had been helping make up for the loss of liquidity caused by the TGA. I believe this helps explain a minor degree of the recent weakness, bond markets began to get volatile, and liquidity was drying up along a list of other developments that caused bears to have a brief day in the sun.
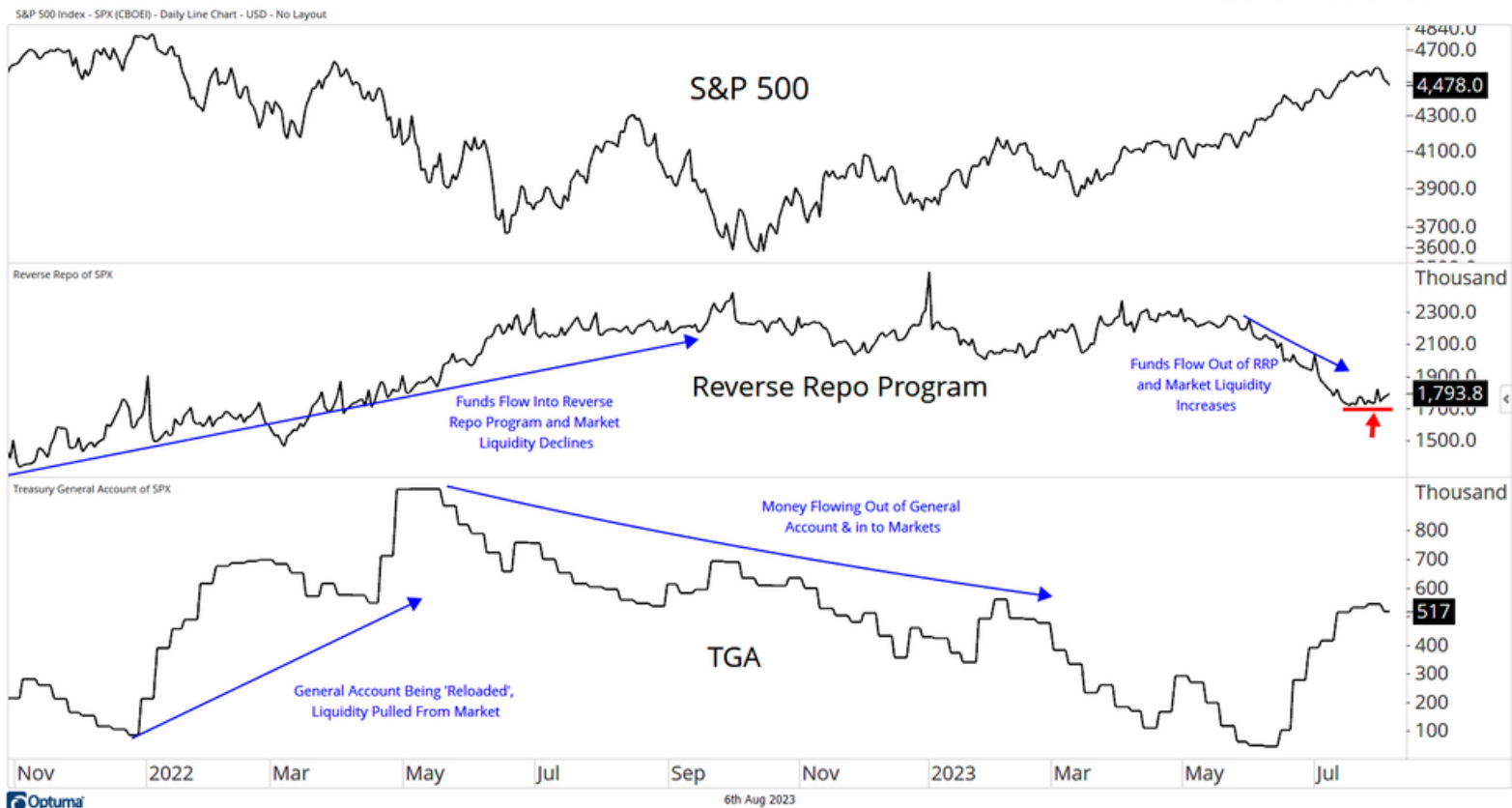
Offense and Defense sectors saw a move lower in sentiment, but Defensive sentiment saw a much larger change. This helped lift the spread higher despite the decline in stock prices.
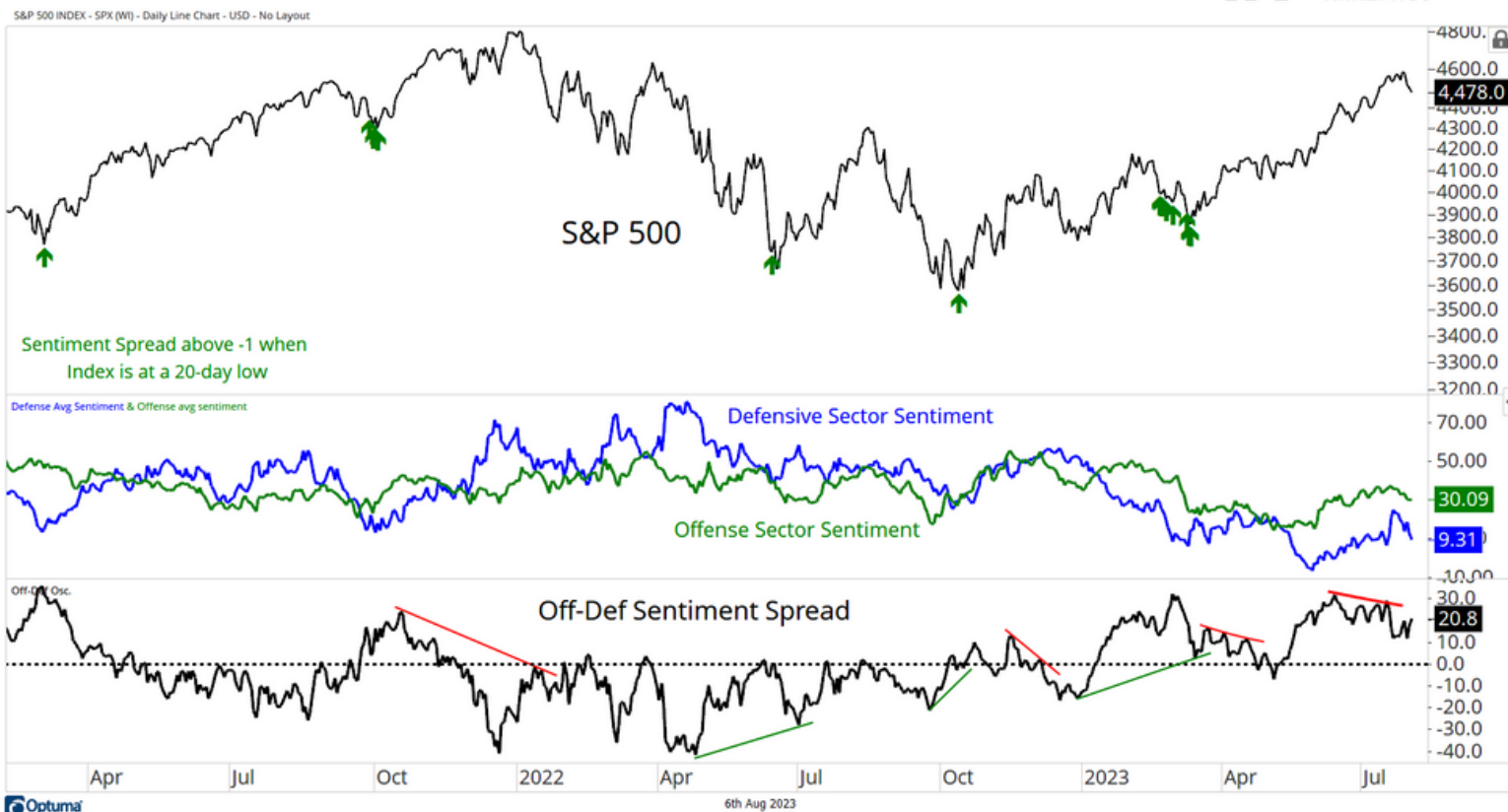
Sector Fund Flows

Daily - ETF Flows - Fund Flows Layout

– Name	Ticker	Net Flows YTD	Net Flows 3 Month	Net Flows 1 Month	1 Month Flow % of AUM ▾
– Bond ETFs					
iShares 20+ Year Treasury Bond ETF	TLT	16,511,431,486	8,888,770,735	4,682,968,727	11.48%
iShares 3-7 Year Treasury Bond ETF	IEI	1,555,570,031	873,471,395	562,396,951	4.26%
iShares TIPS Bond ETF	TIP	-1,012,003,637	-9,895,637	910,405,682	4.17%
iShares 7-10 Year Treasury Bond ETF	IEF	6,227,680,478	1,957,290,979	-36,152,362	-0.13%
iShares 1-3 Year Treasury Bond ETF	SHY	-1,623,381,416	-1,581,079,470	-753,302,483	-2.92%
iShares iBoxx $ Investment Grade Corporate Bond ETF	LQD	-509,856,108	1,085,801,634	-1,405,180,010	-4.08%
iShares 10-20 Year Treasury Bond ETF	TLH	1,325,521,380	-515,094,574	-1,132,114,781	-16.25%
– SPDR Equity ETFs					
SPDR Materials Select Sector Fund ETF	XLB	849,097,827	406,891,659	355,889,067	5.50%
SPDR Communication Services Select Sector ETF	XLC	2,912,572,514	1,454,327,417	706,010,452	4.94%
SPDR Industrial Select Sector Fund ETF	XLI	1,097,124,078	1,427,899,280	678,126,640	4.26%
SPDR Financial Select Sector Fund ETF	XLF	2,936,526,987	1,469,330,364	1,097,937,650	3.13%
SPDR Consumer Staples Select Sector Fund ETF	XLP	736,862,911	-250,390,450	358,980,367	1.97%
SPDR Technology Select Sector Fund ETF	XLK	-2,154,888,448	435,422,326	397,310,551	0.79%
SPDR Energy Select Sector Fund ETF	XLE	-3,961,027,449	-2,468,094,974	212,495,107	0.59%
SPDR Consumer Discretionary Select Sector Fund ETF	XLY	449,321,836	382,739,207	-105,642,380	-0.62%
SPDR Real Estate Select Sector Fund ETF	XLRE	-381,527,156	124,433,572	-31,526,501	-0.68%
SPDR Utilities Select Sector Fund ETF	XLU	-14,180,466	-338,494,809	-252,974,355	-1.69%
SPDR S&P 500 ETF	SPY	3,507,339,183	13,707,581,172	-7,249,555,821	-1.72%
SPDR Health Care Select Sector Fund ETF	XLV	-1,659,228,583	-764,026,117	-1,758,989,598	-4.46%

THRASHER ANALYTICS

Daily - Performance - No Layout

− Ticker	Name	2023	YTD Rel% to SPX	1W %⌄	1M %	3M%	6M%	% from 52Wk High	% from 52Wk Low	% From 20MA	% From 50MA	% From 200MA
− Index			AVG: -0.34%					AVG: 3.11%	AVG: 27.73%		AVG: 2.85%	
SML	S&P SmallCap 600 Index	8.81%	-6.71%	-0.91%	2.91%	13.22%	-3.91%	4.65%	19.06%	0.84%	4.14%	5.41%
DJI	Dow Jones Industrial Average	5.79%	-9.30%	-1.11%	1.88%	5.85%	3.36%	1.72%	22.35%	0.61%	2.61%	4.81%
MID	S&P Midcap 400 Index	10.34%	-5.40%	-1.30%	1.94%	11.26%	-0.96%	2.24%	22.67%	-0.17%	3.47%	6.41%
SPX	S&P 500 INDEX	16.63%	0.00%	-2.27%	0.50%	10.26%	8.26%	2.80%	28.25%	-0.69%	1.99%	9.56%
NDY	NASDAQ 100 Index	39.63%	19.72%	-3.02%	0.44%	17.66%	21.49%	4.12%	46.30%	-1.13%	2.06%	19.28%
− Sectors			AVG: -5.05%					AVG: 7.25%	AVG: 25.34%		AVG: 1.66%	
XLE	SPDR Energy Select Sector Fund ETF	-0.63%	-14.80%	1.25%	6.83%	11.28%	1.12%	8.23%	26.59%	2.80%	6.43%	2.48%
XLY	SPDR Consumer Discretionary Select Sector Fund	32.82%	13.88%	-0.70%	-0.18%	18.91%	13.35%	3.52%	36.15%	-0.47%	3.11%	15.36%
XLF	SPDR Financial Select Sector Fund ETF	2.08%	-12.48%	-0.82%	2.98%	10.65%	-4.59%	5.92%	17.98%	-0.09%	3.42%	2.70%
XLI	SPDR Industrial Select Sector Fund ETF	10.21%	-5.50%	-1.74%	0.84%	10.42%	5.24%	2.59%	30.80%	-1.07%	2.53%	7.46%
XLP	SPDR Consumer Staples Select Sector Fund ETF	0.13%	-14.14%	-1.91%	-0.13%	-2.38%	1.70%	4.07%	12.81%	-0.38%	0.67%	0.68%
XLB	SPDR Materials Select Sector Fund ETF	7.58%	-7.76%	-1.99%	0.47%	6.68%	0.19%	2.71%	25.01%	-0.46%	2.70%	4.31%
XLV	SPDR Health Care Select Sector Fund ETF	-2.54%	-16.44%	-2.06%	0.58%	0.00%	-0.22%	6.61%	10.38%	-0.53%	0.69%	0.15%
XLRE	SPDR Real Estate Select Sector Fund ETF	0.38%	-13.93%	-2.16%	-2.42%	0.54%	-9.50%	19.18%	11.91%	-3.17%	-1.06%	-1.47%
XLC	SPDR Communication Services Select Sector ETF	39.80%	19.87%	-2.50%	2.74%	16.46%	15.27%	3.08%	49.55%	0.11%	3.10%	18.83%
XLK	SPDR Technology Select Sector Fund ETF	37.54%	17.93%	-3.81%	-1.34%	16.01%	20.73%	5.68%	51.51%	-2.78%	-0.18%	17.29%
XLU	SPDR Utilities Select Sector Fund ETF	-9.23%	-22.18%	-4.55%	-2.94%	-6.71%	-5.77%	18.19%	6.03%	-4.01%	-3.16%	-5.53%

Just when defensive sectors began to show improvement in their breadth, last week the gave it back and sone. XLU saw a big drop in % of stocks above the 200-day MA. Meanwhile, Energy has moved back into the top spot with the most stocks above the 200-day MA at 82.6%.
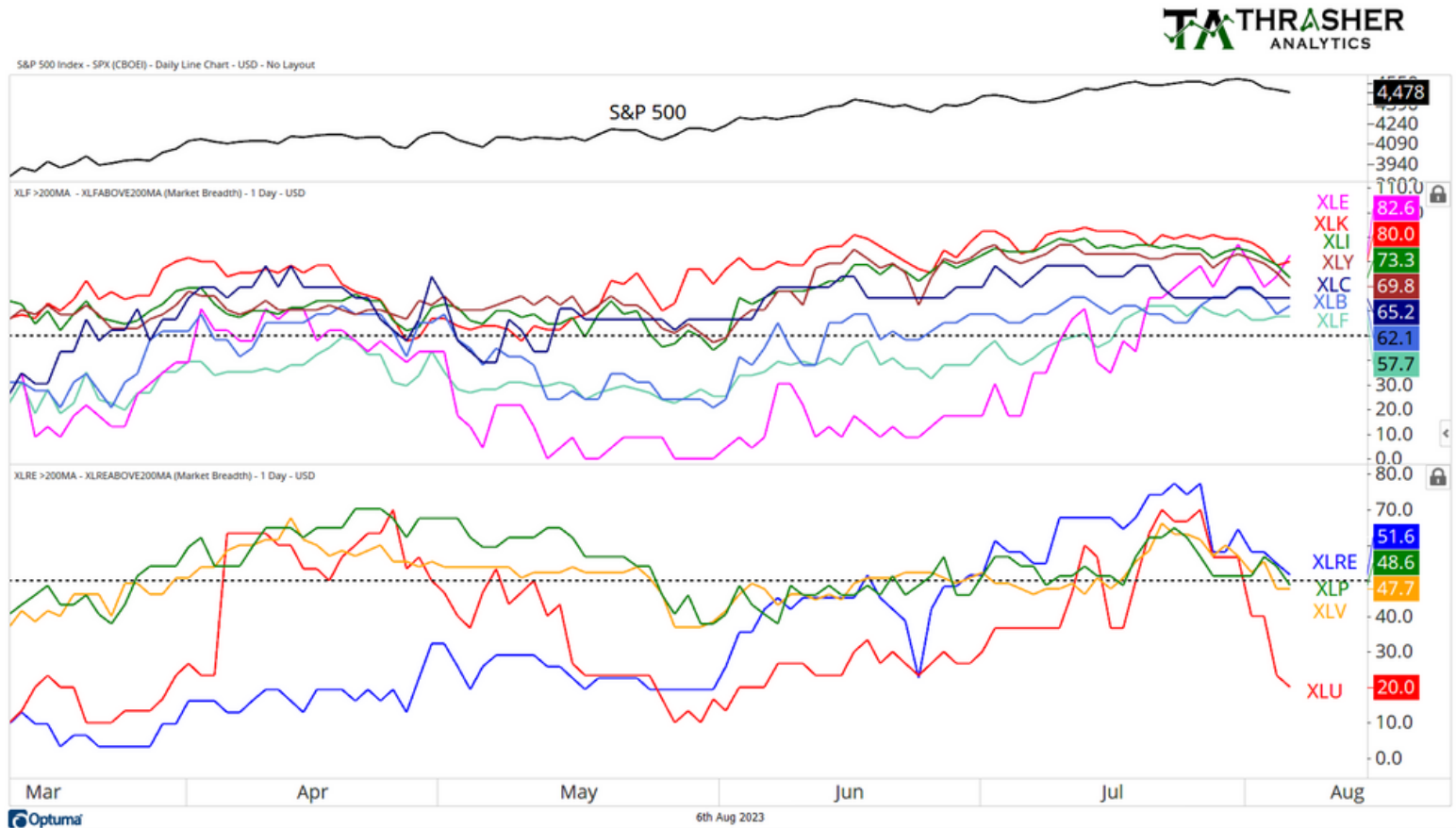
Last week I discussed the Crack Spread (which continued to rise last week) as a bullish catalyst for crude oil prices. This week I want to look at the inventories in the U.S. The White House drained the SPR to help combat inflation and has now taken it down to the lowest level since 1985. They had their chance to reload the reserve when oil was in the high $60 or low $70s but we if oil prices continue to climb, there's one buyer (the US Gov't) that find itself stuck in quite a pickle.
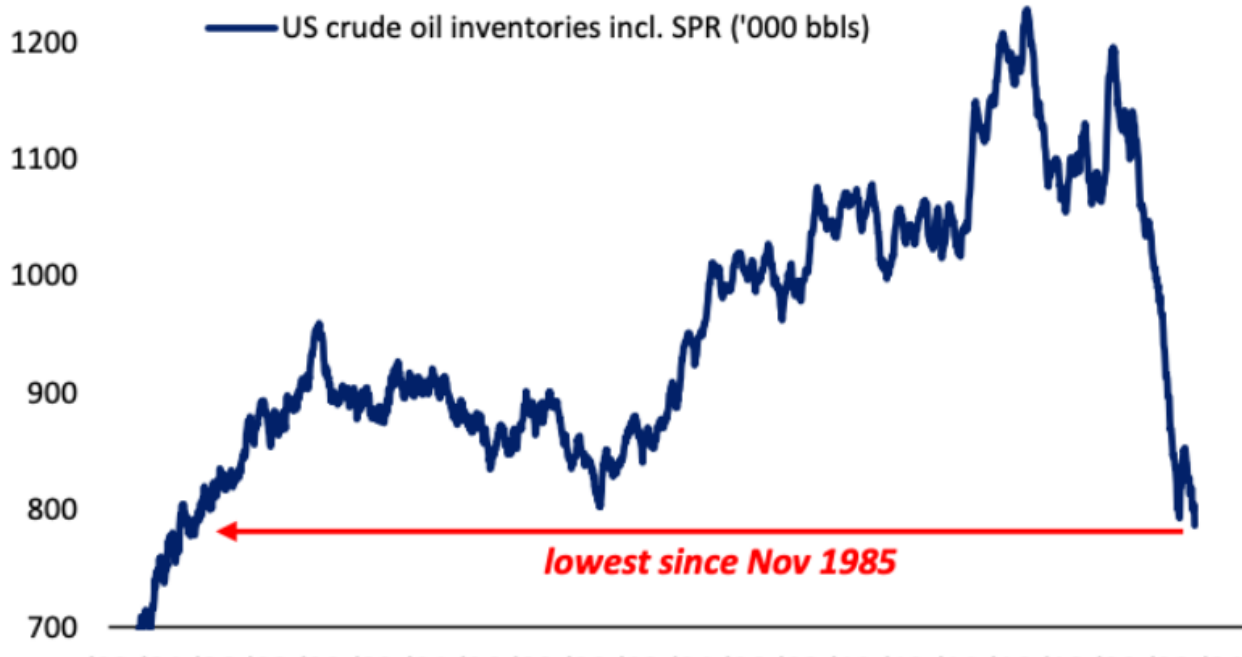
Speaking of energy markets, Large Traders continue to pile into Natural Gas futures. Even though prices have stagnated recently and pulled back, each week we continue to see their net position grow.
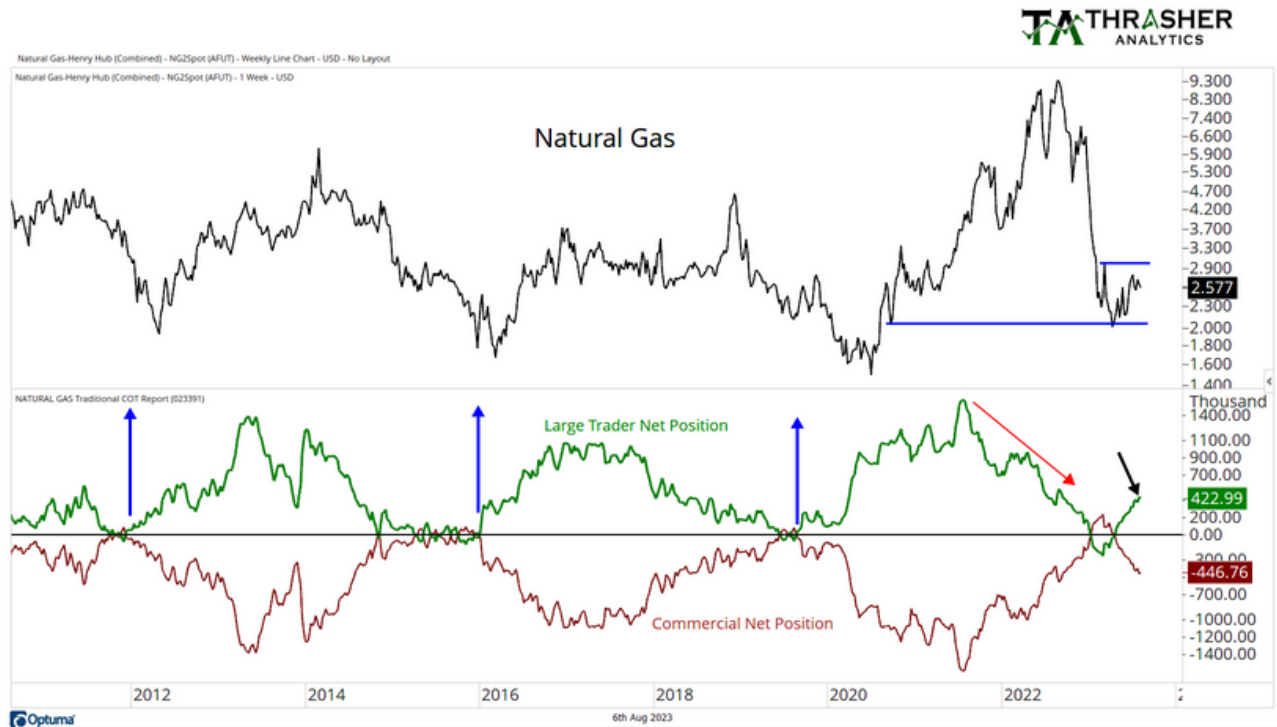
The other COT chart I want to share this week is for Wheat futures. Prices of wheat saw a drop under $800 and have been weak for most of the last twelve months but look what Commercial Traders are doing. pretty aggressively buying this consolidation and recent dip. They went from a 0%tile position to 68th %tile and while still net-short, they are working that position off, similar to what we saw as Wheat bottomed in 2017/2018 when they last were this net-short futures.
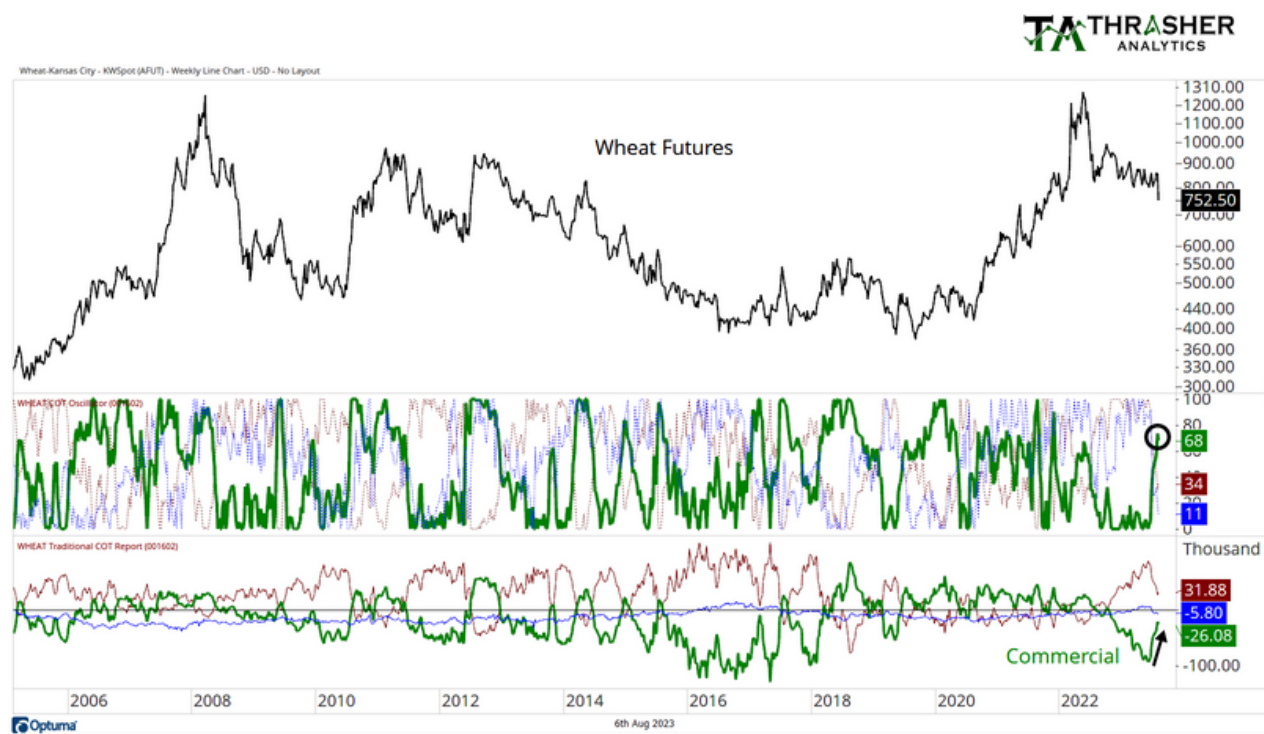
Daily Sentiment Index

Code	% Bullish ^	5-day MA	History
Corn DSI	13	15	
VIX DSI	14	15	
Palladium DSI	16	18	
Coffee DSI	17	22	
Natural Gas DSI	21	18	
Yen DSI	26	21	
Platinum DSI	27	29	
Lumber DSI	27	32	
Wheat DSI	29	33	
Gold DSI	30	32	
10Y DSI	37	37	
Copper DSI	40	45	
5YR DSI	40	38	
Swiss Franc DSI	42	39	
Silver DSI	45	48	
New Zealand Dollar DSI	46	50	
EuroDollar DSI	48	45	
British Pound DSI	51	51	
Australian Dollar DSI	52	51	

Code	% Bullish ^	5-day MA	History
Soybean DSI	53	50	
Euro DSI	56	53	
Cotton DSI	56	60	
Sugar DSI	57	63	
Bitcoin DSI	57	59	
SPX DSI	65	72	
Nasdaq DSI	65	72	
Nikkei DSI	66	67	
Mexican Peso DSI	66	69	
Cattle DSI	68	62	
Orange Juice DSI	69	74	
Lean Hog DSI	69	76	
Cocoa DSI	70	75	
US Dollar DSI	75	78	
Crude Oil DSI	78	78	
CRB Index DSI	80	80	
Gasoline DSI	82	81	
Heating Oil DSI	85	89	

Source: trade-futures.com

Daily Sentiment Index

10 Year US Treasury Note - TYSpot (AFUT) - Daily Line Chart - USD - No Layout

10yr Treasury Bond

Source: trade-futures.com

6th Aug 2023

Bitcoin/United States dollar - BTCUSD (CW) - Daily Line Chart - USD - No Layout --- Data from Cryptowatch

Bitcoin

Source: trade-futures.com

Bitcoin DSI (DSI) - 1 Day - USD

6th Aug 2023
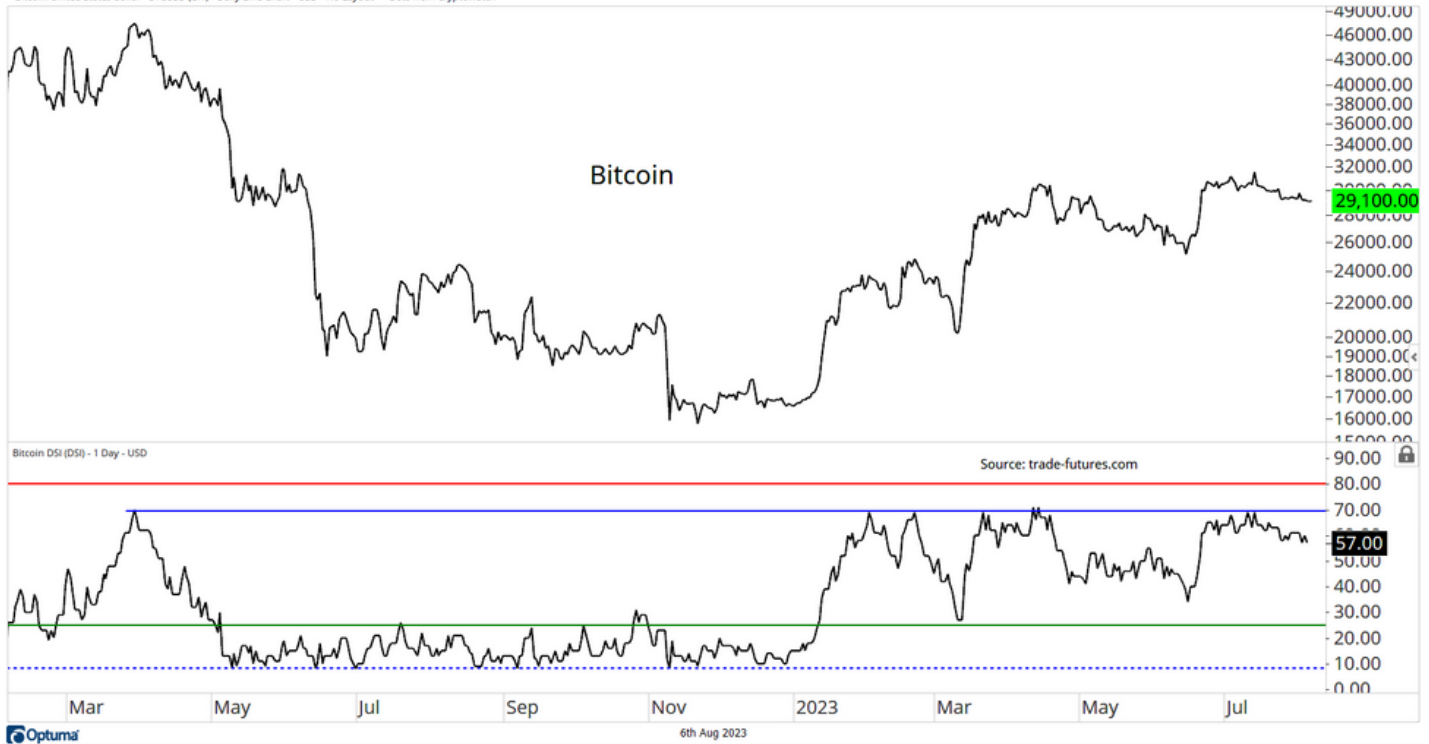
DAILY SENTIMENT INDEX

Crude Oil Light Sweet NYMEX - OILSW (WI) - Daily Line Chart - USD - No Layout

Crude Oil

82.82

Crude Oil DSI (DSI) - 1 Day - USD

source: Trade-futures.com

78.0

2022   Mar   May   Jul   Sep   Nov   2023   Mar   May   Jul

6th Aug 2023
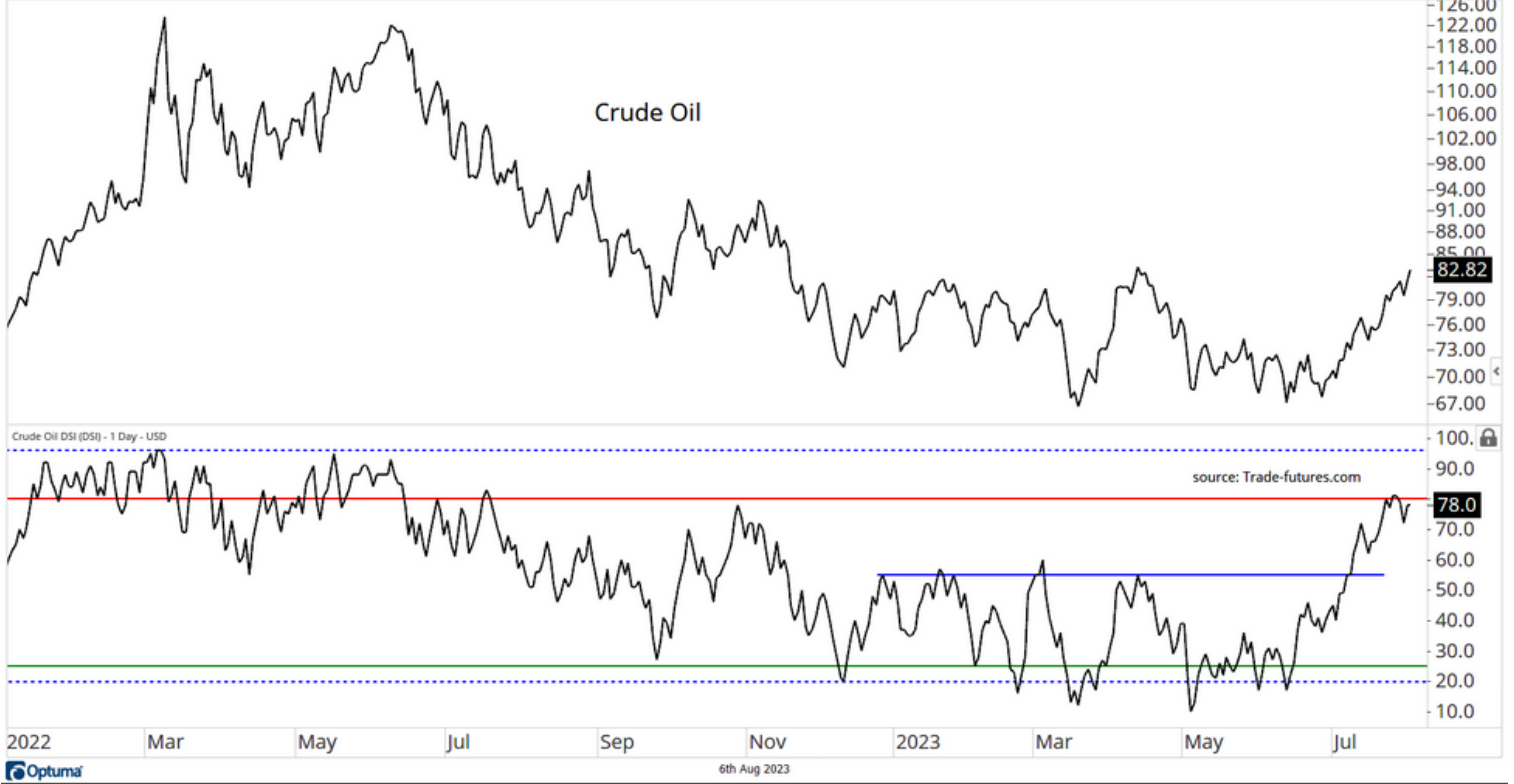
Gold Futures - GC2Spot (AFUT) - Daily Line Chart - USD - No Layout

Gold

1,939.60

Gold DSI (DSI) - 1 Day - USD

Source: trade-futures.com

30.00

2022   Mar   May   Jul   Sep   Nov   2023   Mar   May   Jul

6th Aug 2023

U.S. Dollar Index - DXSpot (AFUT) - Daily Line Chart - USD - No Layout

U.S. Dollar

101.8

Source: trade-futures.com

CBOE S&P 500 Volatility Index - VIX (CBOEI) - Daily Line Chart - USD - No Layout

VIX

17.1

VIX DSI (DSI) - 1 Day - USD

Source: trade-futures.com

14.0
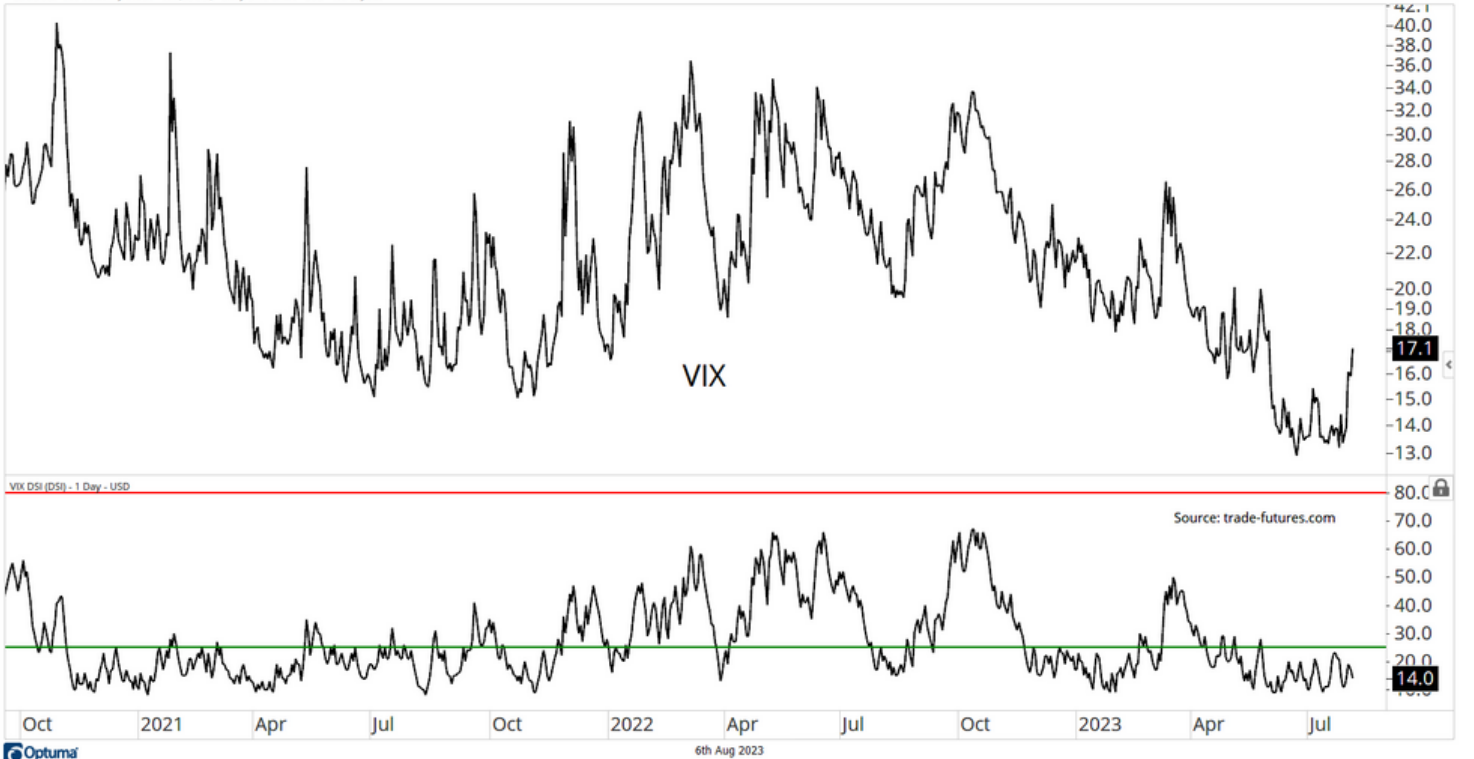
THRASHER ANALYTICS
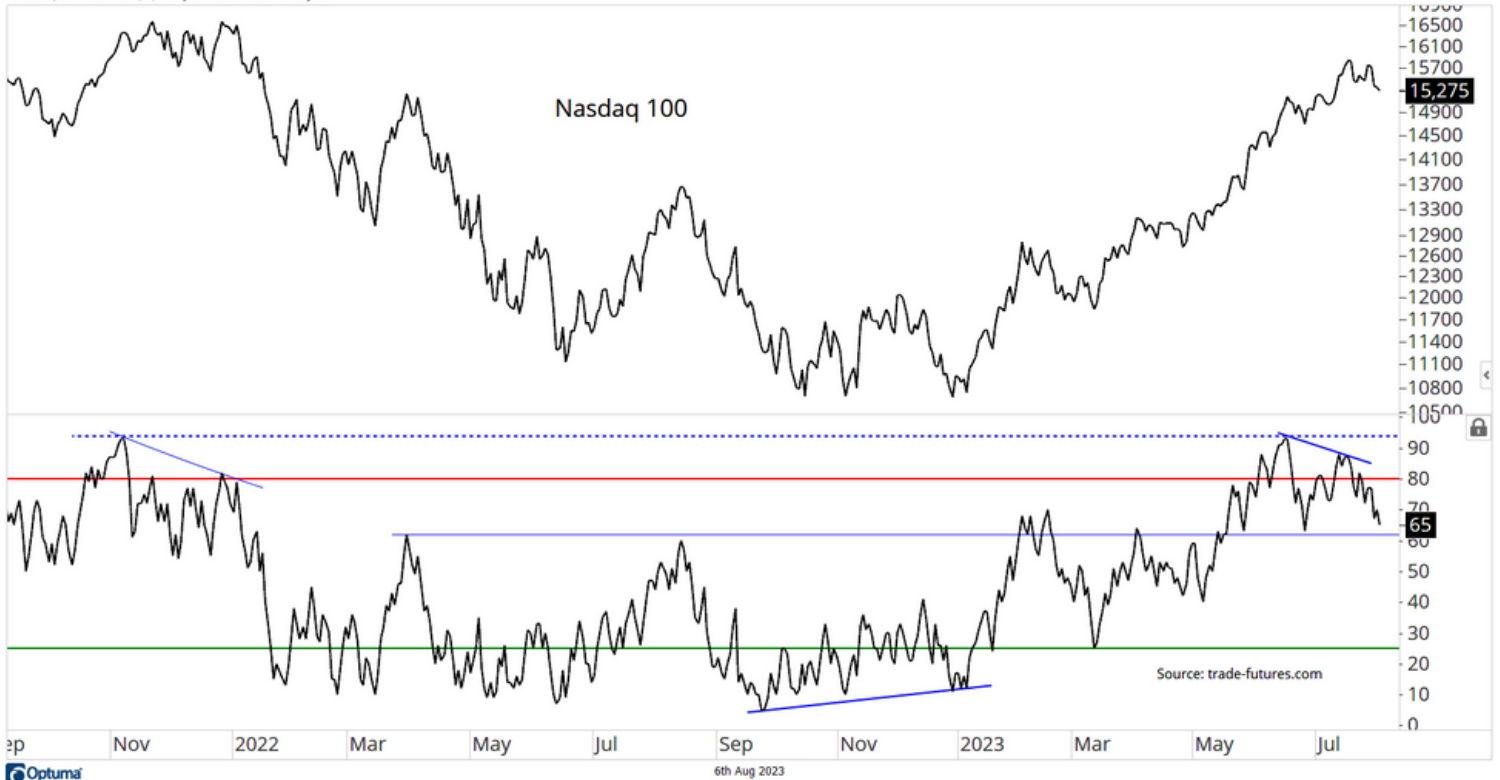
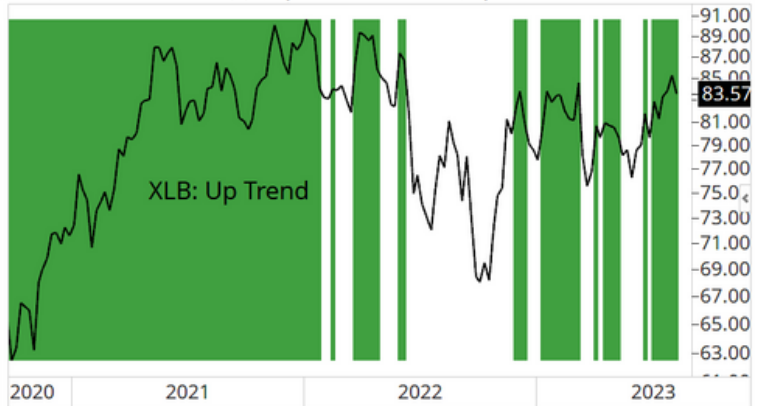S&P 500 INDEX - SPX (WI) - Weekly Line Chart - USD - No Layout

SPX: Up Trend
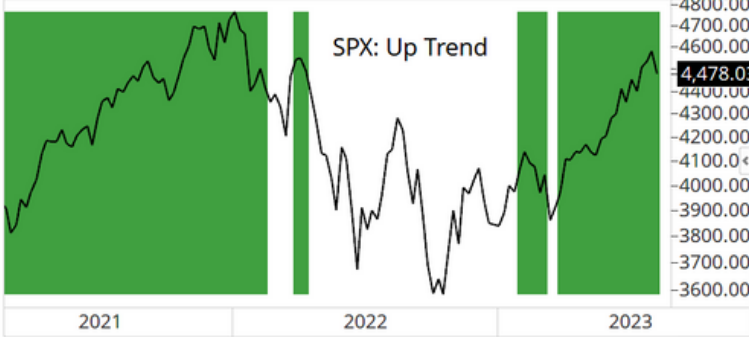
SPDR Financial Select Sector Fund ETF - XLF (US) - Weekly Line Chart - USD - Price Returns - No Layout

XLF: Up Trend
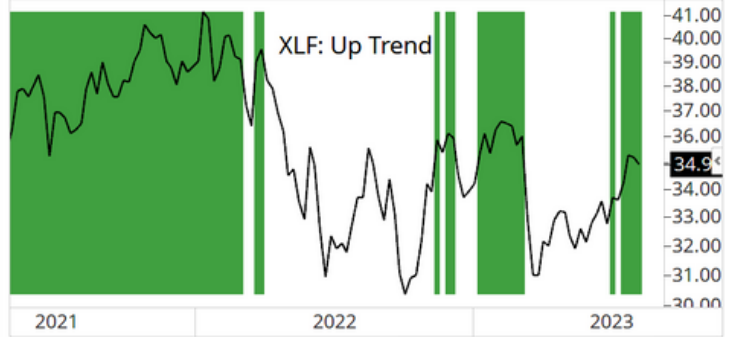
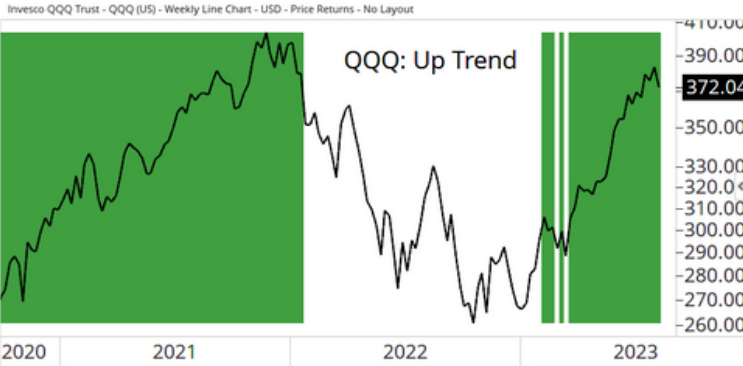SPDR Consumer Discretionary Select Sector Fund ETF - XLY (US) - Weekly Line Chart - USD - Price Returns - No Layout

XLY: Up Trend
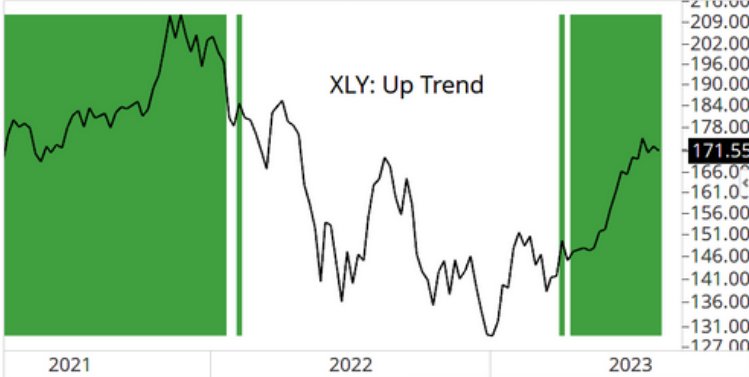
SPDR Technology Select Sector Fund ETF - XLK (US) - Weekly Line Chart - USD - Price Returns - No Layout
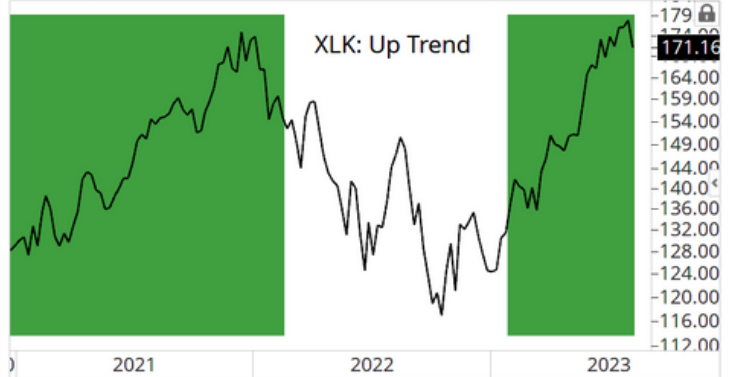
XLK: Up Trend
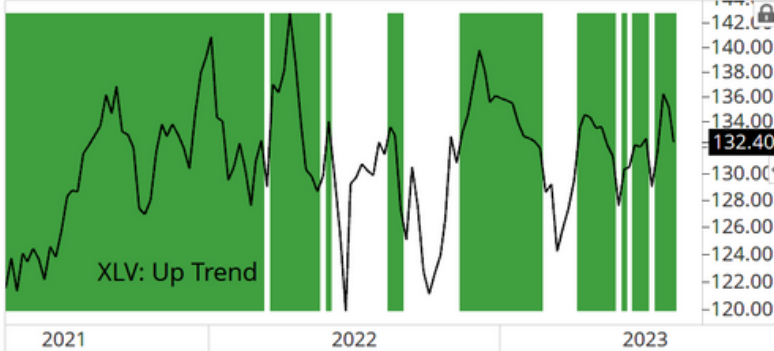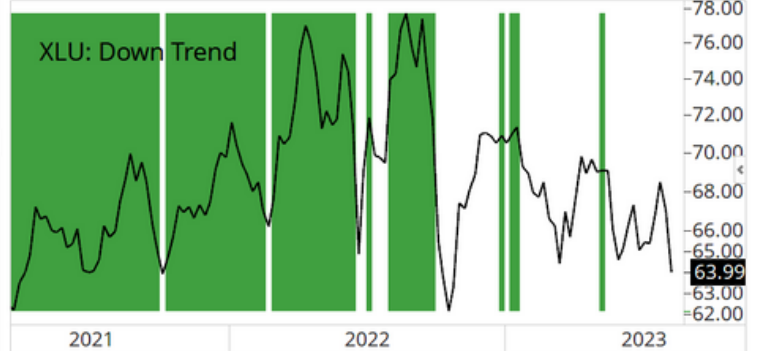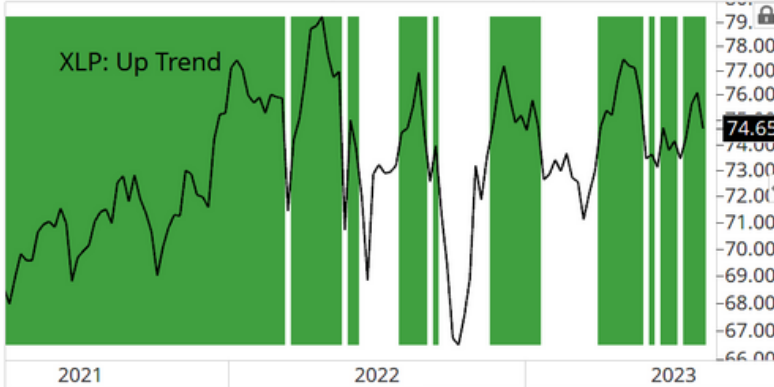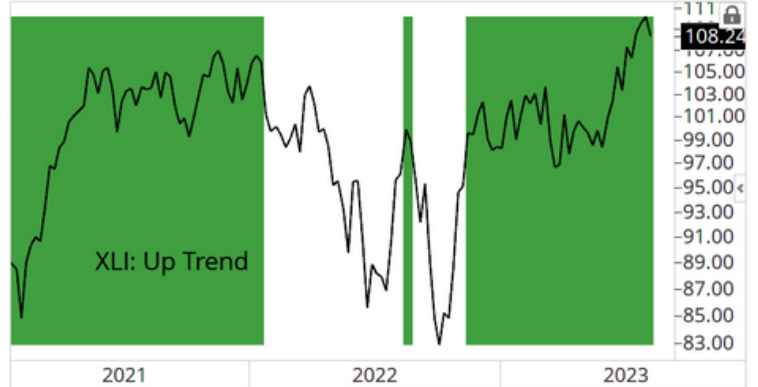
6th Aug 2023

TREND MODELS

Trend Models

THRASHER ANALYTICS

Invesco QQQ Trust - QQQ (US) - Weekly Line Chart - USD - Price Returns - No Layout

QQQ: Up Trend

372.04

SPDR Real Estate Select Sector Fund ETF - XLRE (US) - Weekly Line Chart - USD - Price Returns - No Layout

XLRE: Down Trend

37.07

SPDR Energy Select Sector Fund ETF - XLE (US) - Weekly Line Chart - USD - Price Returns - No Layout

XLE: Up Trend

86.92

SPDR Materials Select Sector Fund ETF - XLB (US) - Weekly Line Chart - USD - Price Returns - No Layout

XLB: Up Trend

83.57

Optuma

6th Aug 2023

DISCLAIMER: