THRASHER

JULY 31, 2022



WEEKLY RESEARCH & ANALYSIS

BY ANDREW THRASHER, CMT

SUMMARY OF MODELS

	Current	Wkly Change
Market Health Report	6	Decreasing
Volatility Risk Trigger	48	Unchanged
Risk Appetite Ratios	.32	Unchanged
Bullishish Confidence Score	+5	Unchanged
S&P 500 Long-Term Trend	Down	Unchanged

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Volatility

Equities

Market Health Report

Hedge Fund Stocks

Sectors & Commodity

Sentiment

Trend Models

UPCOMING CHANGES



I'm excited to share with you that in the next couple of weeks (likely early August) I'll be doing a notable update to the Thrasher Analytics letter which will include more actionable content, models, and institutional quality research. For example, the Market Health Report will be getting an update and a new proprietary sentiment indicator will be rolled out.

My goal with each week's letter is to consistently provide high quality content on financial markets that you can't find anywhere else - giving each subscriber an extra edge in their own analysis and decision making. I really think you're going to like the improvements and I look forward to hearing your feedback once they have been made!

MARKET DASHBOARD



Sector Rotation: August									
Energy	XLE								
Utilities	XLU								
Health Care	XLV								

Fixed Income Rotati	on: Q3
Emerging Market Debt	PCY
Convertible Bond	CWB

Market Health Re	port
Breadth	3
Momentum	1
Sentiment	0
Trend	0
Volatility	2
Total	6

Inde	x & Sec	ctor
	Up	Down
	Trend	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	47%	35%								
Nasdaq 100	47%	35%								
Nikkei	65%	61%								
VIX	17%	22%								
10yr Treasury	61%	55%								
5yr Treasury	52%	48%								
CRB Index	50%	43%								
Crude Oil	65%	65%								
Gold	36%	28%								
U.S. Dollar	61%	67%								
Bitcoin	17%	17%								

*Green<25% Red>80%

source: trade-futures.com

Brief Summary:

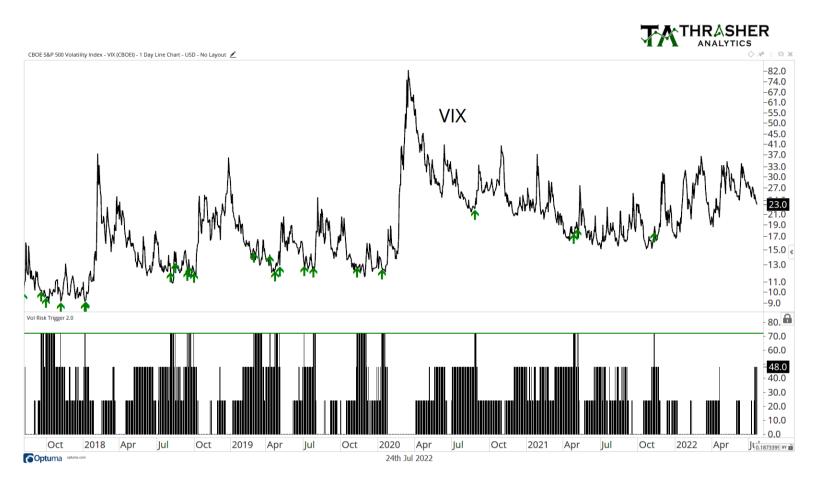
Excellent improvement was made last week with prices rising and another breadth thrust triggering, putting our count at 4. Trends for the major indices and sectors still remain negative and the risk of choppy price action still a serious threat to the recent buying. The market digested the bevy of earnings and economic data last week - almost to a fault. In an NYT interview Neel Kashkari, the president of the Federal Reserve Bank of Minneapolis, also found last week's reaction to the FOMC a little odd, "I'm surprised by markets' interpretation," Mr. Kashkari said in an interview. "The committee is united in our determination to get inflation back down to 2 percent, and I think we're going to continue to do what we need to do until we are convinced that inflation is well on its way back down to 2 percent — and we are a long way away from that."

Key support levels have held in financials, industrials, and consumer disc. sectors as well as small caps. We also had support levels recovered in energy, utilities and real estate. Equity bulls are climbing out of the hole that bears dug for them but by no means have they reached sunlight just yet. Half of large cap stocks are still down at least 20% from their 52-week high and the latest buying is largely attributable to CTA activity. Strong bounces are normal within a long-term down trend and we're getting good evidence that the June low has potential to be durable but a few boxes still need checked and trends need to begin to turn to get stronger confirmation.

VOLATILITY: VRT



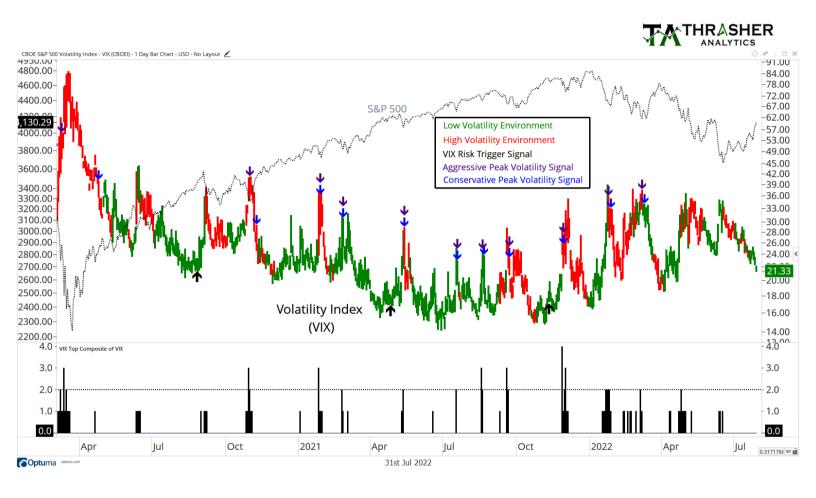
VRT remains elevated but not quite to a signal threshold.



VOLATILITY: TOP & ENVIRONMENT



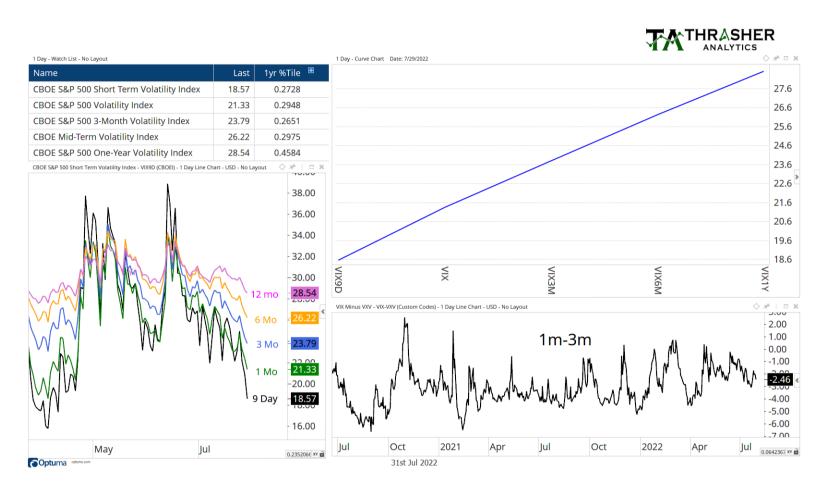
The VIX moved lower last week and remains in a Low Volatility Environment.



VOLATILITY - CURVE



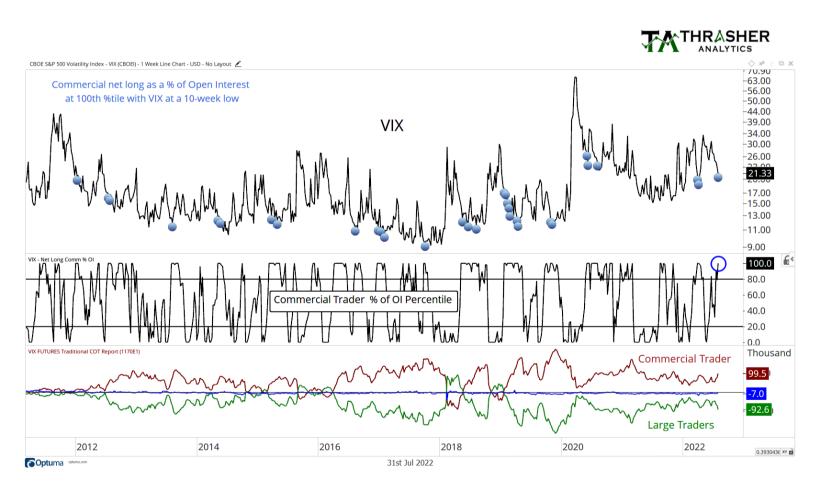
The VIX curve has gotten quite steep with 9-day vol under 20 and 1-year vol holding just under 30.



VOLATILITY - COT



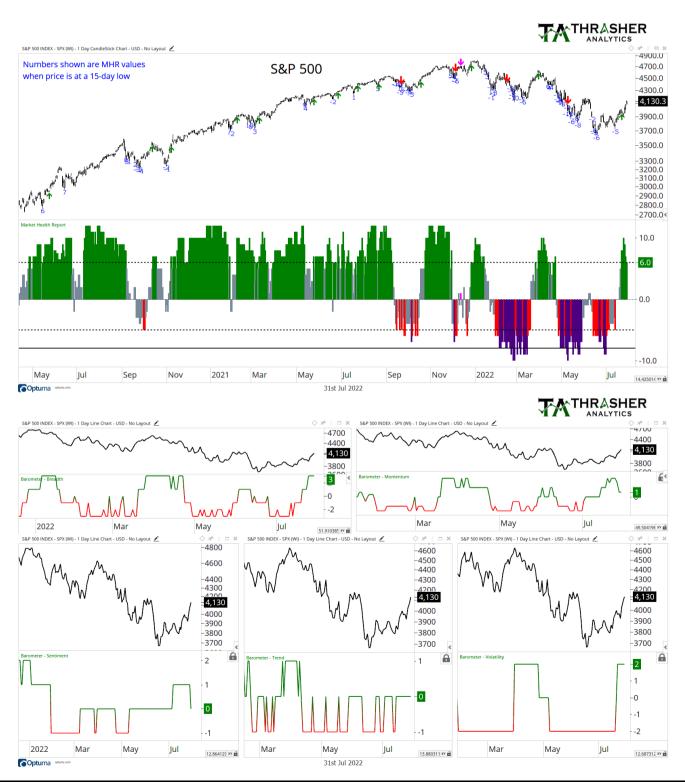
With volatility coming down and spot nearly breaching 20 on Friday, taking a look at how traders are positioned in VIX futures tells us sentiment has turned pretty bearish on volatility by the bulk of traders. Commercial Traders net position now accounts for all of the Open Interest with Large Traders at a -92,000 net short. I've put blue circles each time the VIX was at at least a 10-week low and Commercials were at 100% of OI. I use this as a window into the sentiment of volatility, is there a strong appetite for VIX futures? Historically when Commercials own a big chunk, we've see sizable moves in volatility soon follow as sentiment gets too one-sided.



MARKET HEALTH REPORT



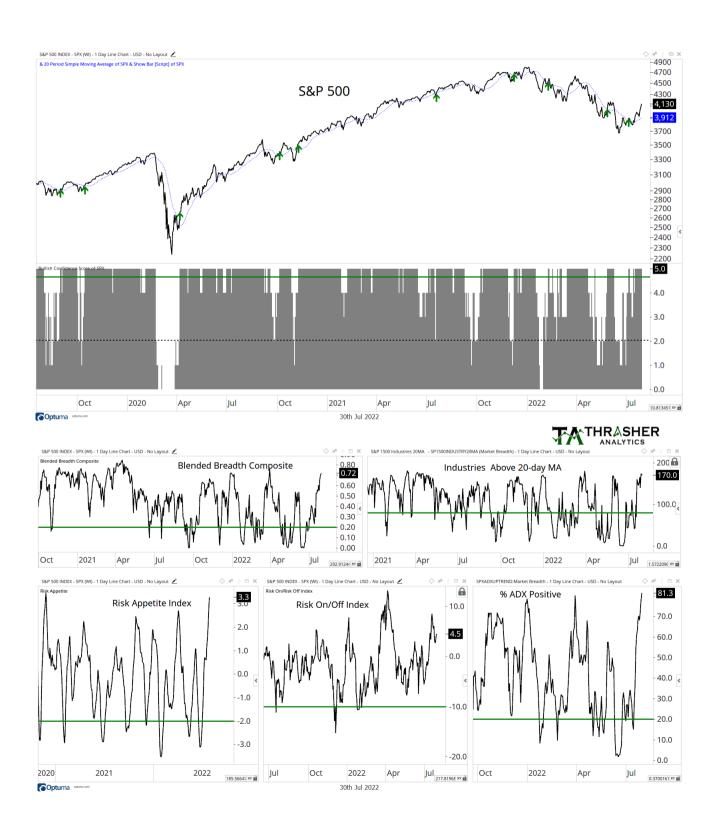
The Market Health Report (MHR) hit +10 mid-week but closed out on Friday at +6, a few points under last Friday's level but still showing good signs of improvements within the five categories which all remain at or above zero.



BULLISH CONFIDENCE SCORE



The Bullish Confidence Score stayed at +5 with all categories above their respective thresholds.



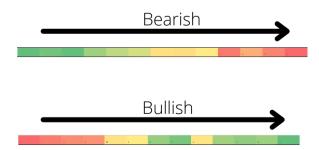
RISK APPETITE RATIO



Below is a table of 17 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 32nd percentile.

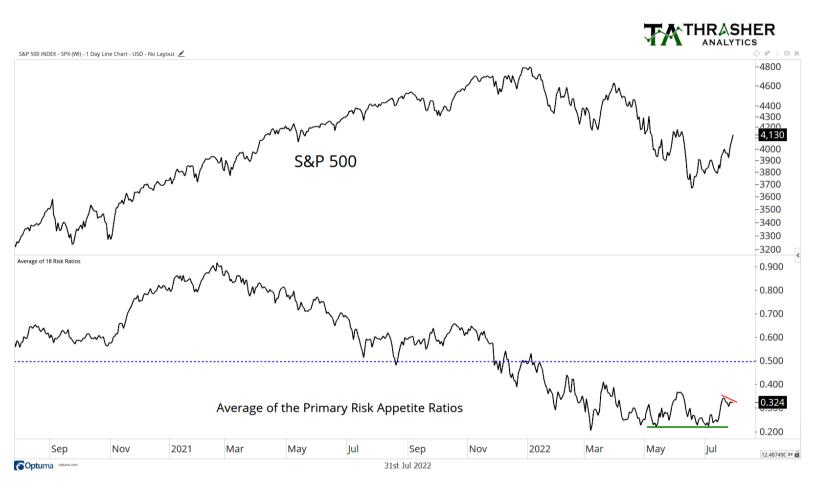
D1 1 22 4 1																									1				-							
Risk Metric	-35	-34	-33	-32	-31	-30	-29	-28	-27	-26	-25	-24	-23	-22	-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	Current
Emerging Market vs. SPX	0.21	0.18	0.24	0.25	0.30	0.30	0.31	0.33	0.30	0.25	0.23	0.20	0.22	0.27	0.27	0.29	0.24	0.22	0.19	0.20	0.21	0.15	0.17	0.18	0.15	0.10	0.16	0.13	0.09	0.09	0.10	0.11	0.13	0.09	0.06	0.00
EAFE vs. SPX	0.28	0.18	0.21	0.23	0.20	0.23	0.30	0.29	0.25	0.22	0.16	0.15	0.15	0.24	0.23	0.26	0.20	0.05	0.03	0.03	0.04	0.01	0.07	0.10	0.02	0.00	0.08	0.08	0.00	0.00	0.05	0.09	0.07	0.06	0.01	0.01
HY Debt vs. Treasury	0.96	0.90	0.84	0.83	0.93	0.93	0.81	0.81	0.89	0.75	0.75	0.85	0.87	0.79	0.70	0.65	0.64	0.59	0.66	0.79	0.85	0.73	0.72	0.66	0.69	0.73	0.73	0.82	0.83	0.81	0.71	0.76	0.72	0.81	0.82	0.85
Home Construction vs. SPX	0.36	0.42	0.37	0.32	0.30	0.26	0.15	0.16	0.11	0.15	0.24	0.21	0.23	0.22	0.22	0.25	0.35	0.43	0.39	0.38	0.40	0.43	0.48	0.50	0.48	0.45	0.46	0.46	0.44	0.48	0.54	0.49	0.48	0.46	0.46	0.43
Offense vs. Defense Sectors	0.34	0.33	0.22	0.17	0.24	0.26	0.12	0.12	0.14	0.05	0.00	0.07	0.04	0.02	0.00	0.00	0.00	0.04	0.02	0.09	0.08	0.03	0.03	0.04	0.02	0.04	0.11	0.18	0.26	0.27	0.22	0.21	0.13	0.22	0.21	0.32
Broker-Dealer vs. SPX	0.12	0.10	0.07	0.12	0.16	0.16	0.24	0.21	0.20	0.19	0.14	0.18	0.19	0.29	0.27	0.22	0.19	0.22	0.13	0.14	0.12	0.11	0.15	0.14	0.06	0.14	0.20	0.27	0.29	0.31	0.34	0.34	0.32	0.24	0.30	0.29
S&P Growth vs. S&P Value	0.13	0.11	0.06	0.03	0.06	0.11	0.08	0.11	0.14	0.15	0.19	0.21	0.19	0.13	0.15	0.12	0.11	0.18	0.21	0.24	0.25	0.21	0.18	0.19	0.22	0.22	0.21	0.23	0.28	0.32	0.28	0.24	0.19	0.28	0.29	0.34
Semiconductor vs. SPX	0.28	0.27	0.23	0.15	0.19	0.21	0.09	0.14	0.15	0.10	0.03	0.08	0.08	0.06	0.00	0.00	0.00	0.01	0.02	0.12	0.14	0.10	0.13	0.17	0.25	0.27	0.28	0.34	0.40	0.42	0.37	0.35	0.34	0.41	0.41	0.38
Consumer Disc. Vs. Staples	0.20	0.19	0.11	0.06	0.06	0.10	0.01	0.04	0.02	0.02	0.02	0.06	0.04	0.02	0.00	0.00	0.01	0.06	0.03	0.07	0.06	0.02	0.03	0.03	0.02	0.05	0.08	0.13	0.17	0.18	0.15	0.13	0.08	0.13	0.14	0.15
Small Cap vs. Utilities	0.14	0.14	0.10	0.10	0.14	0.16	0.10	0.14	0.15	0.12	0.10	0.13	0.12	0.09	0.07	0.03	0.01	0.09	0.06	0.11	0.11	0.06	0.06	0.07	0.05	0.09	0.11	0.16	0.22	0.23	0.17	0.15	0.13	0.17	0.13	0.12
Transports vs. Utilities	0.11	0.12	0.07	0.11	0.24	0.26	0.21	0.23	0.22	0.16	0.12	0.17	0.15	0.11	0.09	0.05	0.02	0.10	0.07	0.12	0.12	0.08	0.08	0.06	0.05	0.08	0.13	0.21	0.27	0.25	0.20	0.18	0.11	0.15	0.15	0.18
Equal Weight vs. Cap Weight	0.90	0.91	0.94	0.90	0.87	0.81	0.78	0.84	0.66	0.68	0.66	0.67	0.71	0.78	0.71	0.74	0.76	0.70	0.66	0.65	0.61	0.64	0.70	0.70	0.62	0.62	0.67	0.69	0.70	0.67	0.71	0.73	0.79	0.70	0.74	0.67
Small cap vs. Large Cap	0.20	0.21	0.21	0.18	0.17	0.17	0.11	0.15	0.13	0.12	0.13	0.13	0.17	0.18	0.14	0.14	0.16	0.21	0.16	0.20	0.20	0.16	0.19	0.22	0.17	0.18	0.21	0.26	0.31	0.28	0.24	0.26	0.29	0.28	0.28	0.24
Equities. vs. VIX	0.29	0.20	0.13	0.00	0.02	0.09	0.01	0.04	0.07	0.10	0.10	0.17	0.17	0.12	0.13	0.11	0.17	0.15	0.17	0.20	0.24	0.19	0.15	0.16	0.17	0.25	0.21	0.25	0.28	0.32	0.31	0.30	0.24	0.32	0.36	0.42
Aussie Dollar vs. Yen	0.89	0.81	0.81	0.84	0.81	0.84	0.85	0.93	0.88	0.81	0.85	0.85	0.86	0.86	0.84	0.76	0.81	0.77	0.76	0.81	0.82	0.78	0.78	0.80	0.85	0.87	0.87	0.93	0.93	0.93	0.87	0.92	0.91	0.95	0.85	0.81
Lumber vs. Gold	0.11	0.11	0.09	0.07	0.09	0.11	0.11	0.12	0.16	0.16	0.17	0.16	0.16	0.17	0.19	0.23	0.22	0.22	0.22	0.26	0.25	0.26	0.24	0.24	0.24	0.29	0.24	0.25	0.23	0.22	0.17	0.16	0.14	0.14	0.11	0.09
Copper vs. Gold	0.35	0.27	0.09	0.12	0.10	0.09	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.05	0.06	0.02	0.00	0.00	0.03	0.15	0.11	0.05	0.00	0.01	0.00	0.02	0.09	0.05	0.09	0.05	0.07	0.09	0.11	0.14	0.13	0.18
AVERAGE	0.35	0.32	0.28	0.26	0.29	0.30	0.25	0.27	0.26	0.24	0.23	0.25	0.26	0.26	0.24	0.23	0.23	0.24	0.22	0.27	0.27	0.24	0.24	0.25	0.24	0.26	0.28	0.32	0.34	0.34	0.32	0.32	0.30	0.33	0.32	0.32



RISK APPETITE RATIO



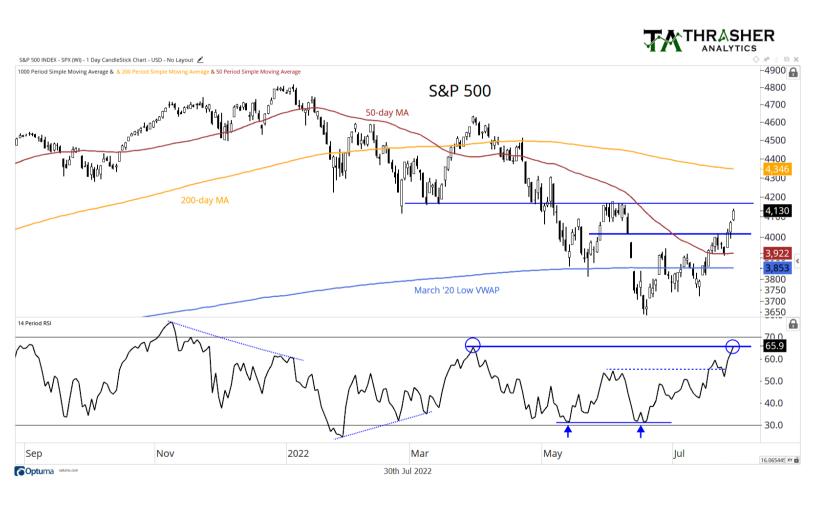
The average Risk Appetite Ratio percentile didn't make the same big move higher that we saw in the major indices. Instead, we have a slight bearish divergence beginning to develop. The lack of strength in int'l equities and equal-weight large caps has held back Risk Appetite with the heavy focus of buyers appearing to be on the mega caps which leaves small caps under-performing.



EQUITIES - S&P 500 DAILY



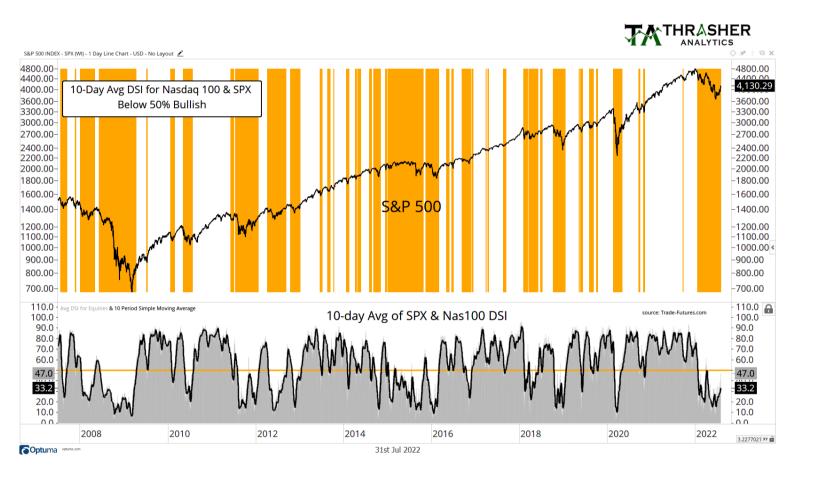
Stocks rallied further last week, capping off a strong July. The S&P 500 finished just above the 100-day moving average (not shown) and 4100. Many technicians continue to monitor 4200, the prior swing high, as the key price objective of this advance higher and a place we could see some short-term profit taking. The 14-day RSI has rebounded back to the March high, we'll see if momentum continues to expand this week. Friday's gap up put the low above the prior 15-day high, which is similar to what put an end to the counter-trend rally in March - we'll see if buyers can remain in control after holding strong during the bevy of economic and corporate announcements last week.



EQUITIES - SENTIMENT



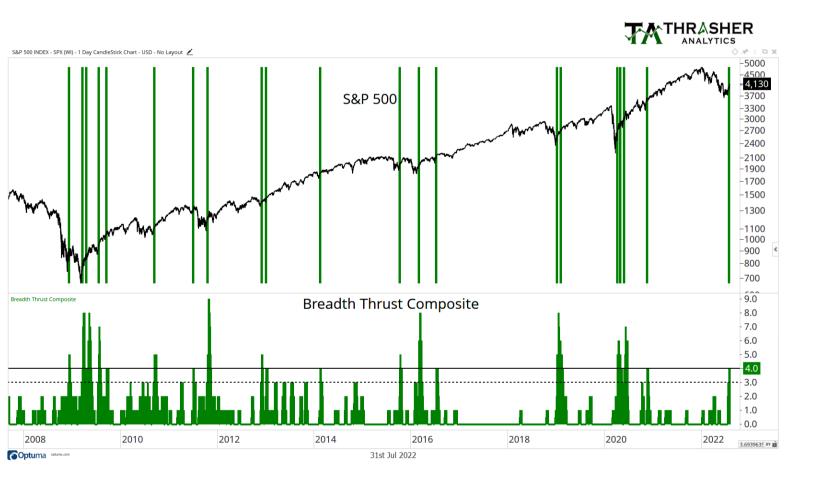
Sentiment continued to expand last week with the DSI for the S&P 500 reaching 47% bullish. Below is a chart I've shared previously, which looks at a smoothed average of sentiment for the Nasdaq and S&P 500. We historically see strong price action by buyers when the 10-day average is north of 50% bullish while markets often see noisy and whipsawing price action when bullishness is under 50%. We sit now at 33%, getting closer to that 50% level but not there yet - leaving the current trend susceptible to an increase in directional volatility.



EQUITIES - BREADTH THRUSTS



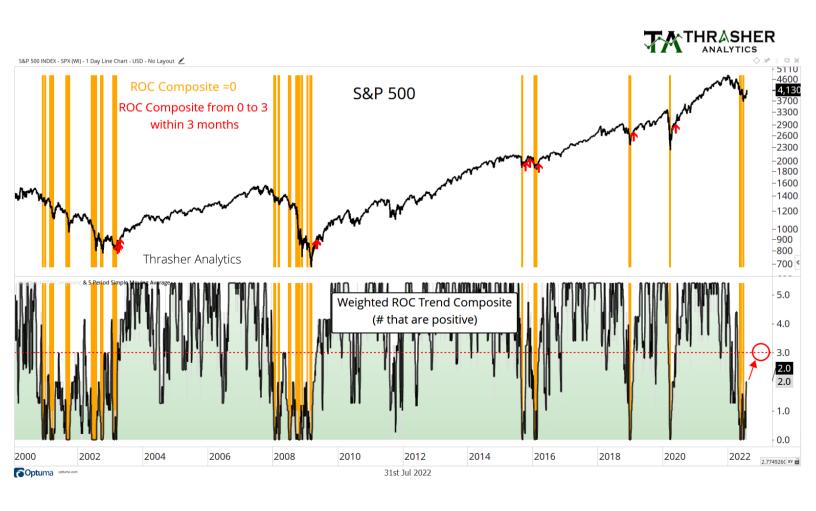
Market internals saw more strength last week with another breadth thrust triggering, putting the count to +4 which is a great sign for bulls.



EQUITIES - ROC TREND



Analysts from both JPM and Nomura noted last week how a big chunk of what drove stocks higher in July was on the back of CTA/mechanical trading. Bloomberg cited one stat, "Nomura analysis suggests the cohort over the past month exited \$54 billion in stock shorts and \$47 billion in bonds. It also estimates CTAs offloaded \$8.7 billion in commodities, moving from a long to a modest short exposure." CTAs are mostly trend traders using momentum to dial up and down their exposures. One way to measure that is using Rate-of-Change (ROC) over various lookback periods, which is what the Composite below shows us, a weighted sum of how many positive ROC lookback periods we have. In June we hit zero and have bounced up to 2 as of Friday. This is actually part of one of my breadth thrust indicators, looking for when we go from 0 to 3 in a 3-month period (marked by the red arrows). You'll notice many counter-trend rallies in 2001 and 2008 saw moves from 0 to 1 or 2 but it wasn't until we reached a final low (as well as in 2016, 2019, 2020) that we had 3 lookback periods of momentum turn positive. This thrust indicator will need to see further upside in equities to confirm a durable low has been put made.



EQUITY - MOVING AVERAGES



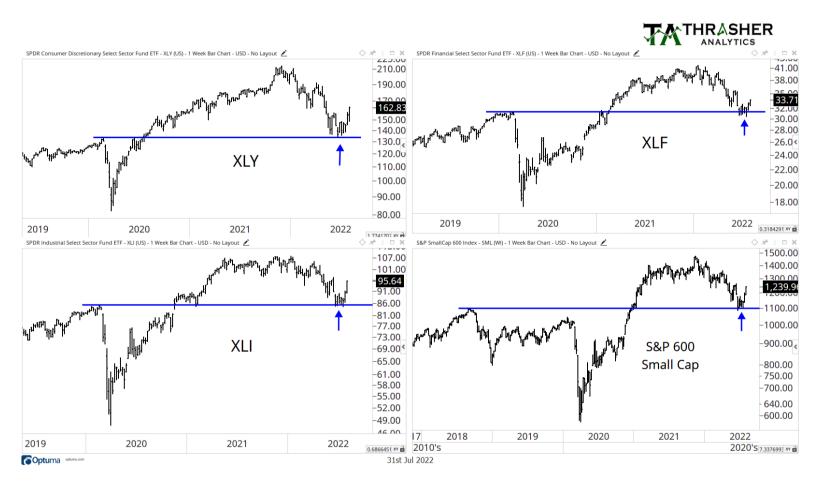
On Friday, the S&P 500 closed just above the 100-day moving average. This stood out due to the fact we saw markets failed at the 100-day MA several times since the January weak (note chart below on the right). We also saw markets stall out in 2010 and 2018 at the 100-day MA (charts on the left). Currently we have about the same percentage of individual stocks above their own 100-day MA as we did in '10 and '18 and a little less than the last time this MA was tested this year (as to be expected). Friday's close above was bullish, I'll be watching if buyers can continue to defend that price level and keep the S&P 500 above the 100-day MA and roughly 4100 this week.



EQUITY - SUPPORT 1



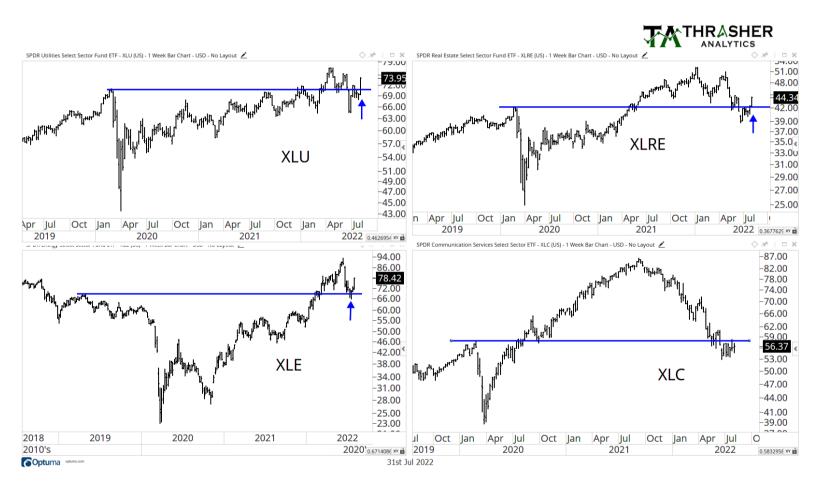
XLY, XLF, and XLI made good progress on moving higher off the 2020 high, holding as support. Small caps also saw support hold at the 2018 high. These levels will continue to be important should markets roll back over but seeing price respect this support level is a good sign.



EQUITY - SUPPORT 2



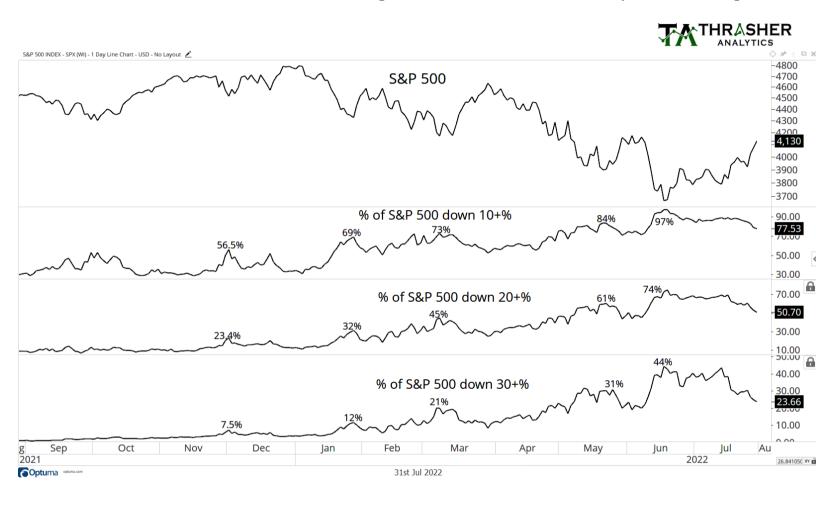
3 of the 4 sectors that had failed to hold the 2020 high also made bullish moved last week: XLU, XLRE, and XLE. This leaves just XLC still under the key price level.



EQUITY - DRAWDOWN 1



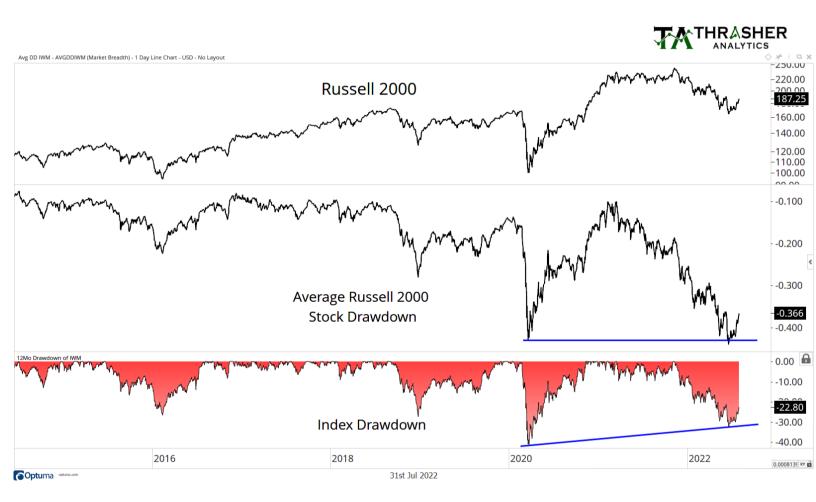
Below is an updated look at the drawdown data for the S&P 500, we've come well off the highs of over 70% of stocks down 20% to "just" 50%." While the Index is down -13%, still having half its constituents off more than 20% shows how deep the decline has been for many individual equities.



EQUITY - DRAWDOWN 2



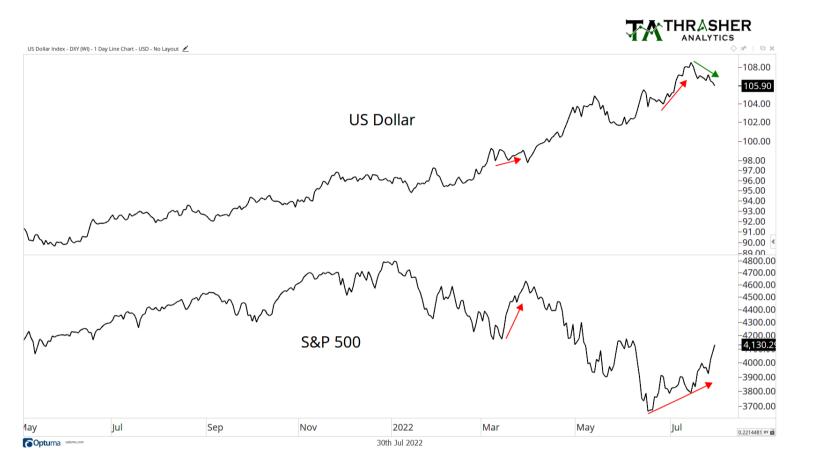
Looking now at the drawdown within small caps, the average drawdown for Russell 2000 stock was more than -40%, surpassing the decline during the Covid Crash. The index 'absorbed' these losses pretty well, having fallen more than -40% in 2020 as well but "only" declining a little over -30% this year.



EQUITY - U.S. DOLLAR IS KEY



Last week I wrote that one of the major keys for equity bulls was seeing the dollar weaken. Checking in on the dollar, we in fact did see a move lower as equities rebounded. This is another positive sign for the bulls.



HEDGE FUND STOCKS



A new section of the report I'll be sharing in the new year will be looking at the most important stocks to hedge funds.

Using the Thrasher Analytics Mean Reversion Indicator (TAMRI), I've sorted the stocks by their combined (Absolute & Relative) score, showing the 1st and 4th quartiles. These are not buy and sell recommendations. These lists show stocks that have potential to mean revert higher (when the TAMRI is low) or revert lower (TAMRI is high). I've also included the 1-year z-score of each stock.

This can act as a great source of idea generation of stocks that hedge funds may be active buyers or sellers in the coming weeks. I'll provide an updated list each week.

Name	Ticker	1W Change	1M Change	3M Change	1yr Z-Score	Mean Reversion Score
Mean Reversion Score 1st Quartile		AVG: 2.39%	AVG: -0.57%	AVG: -10.16%	AVG: -1.188	AVG: -52.22
Workday Inc	WDAY	4.80%		-24.96%	-1.562	-68.23
Netflix Inc.	NFLX	2.02%	17.84%		-1.145	-60.81
Atlassian Corporation Plc	TEAM	3.49%			-1.163	
ServiceNow Inc	NOW	-0.02%			-1.480	-54.08
Carvana Co.	CVNA	14.85%	-7.52%		-1.274	-53.84
Shopify Inc	SHOP	-6.75%	-9.59%	-18.40%	-1.254	
Advanced Micro Devices Inc.	AMD	7.23%	8.49%	10.47%	-0.850	-48.95
Meta Platforms, Inc.	META	-6.01%		-20.64%	-1.437	-47.00
Microsoft Corporation	MSFT	7.83%	4.87%		-0.575	
Salesforce Inc	CRM	0.85%		4.59%	-0.943	
Twilio Inc - Ordinary Shares Class A	TWLO	-2.90%	-14.45%		-1.306	
Walt Disney Co (The)	DIS	3.29%	8.51%	-4.95%	-1.266	-44.52
Mean Reversion Score 2nd Quartile		AVG: 3.74%	AVG: 3.63%	AVG: -10.17%	AVG: -1.131	AVG: -33.18
Mean Reversion Score 3rd Quartile		AVG: 2.69%	AVG: 6.05%	AVG: -9.12%	AVG: -0.546	AVG: -15.74
Mean Reversion Score 4th Quartile		AVG: 2.26%	AVG: 5.59%	AVG: 5.60%	AVG: 0.147	AVG: 0.94
Visa Inc	V	-0.74%		-0.48%	-0.236	-11.79
Alibaba Group Holding Ltd	BABA	-11.17%	-24.02%		-1.279	-11.60
JD.com	JD	-3.38%		-3.50%	-0.905	-10.71
Uber Technologies Inc	UBER	0.64%	1.82%		-1.421	-6.17
Builders Firstsource Inc	BLDR	3.72%			0.406	-5.51
Elastic N.V	ESTC	4.60%		4.93%	-0.787	-4.47
Roblox Corporation - Ordinary Shares - Clas	RBLX	8.96%	17.87%		-0.783	0.16
WillScot Mobile Mini Holdings Corp	WSC	8.15%			0.965	4.25
Fiserv, Inc.	FISV	5.82%		7.92%	0.536	6.06
T-Mobile US Inc	TMUS	7.99%	4.36%		1.778	14.99
Humana Inc.	HUM	-1.43%		8.42%	1.691	16.75
Unitedhealth Group Inc	UNH	4.01%	9.42%	6.64%	1.797	19.38

SECTOR PERFORMANCE



THRASHER ANALYTICS

1 Day - Watch	List - No Layout											○ □ ◇ ** : □ ×
– Ticker	Name	2022	YTD Rel% to SPX	1W %	1M % ~	3M%	6M%	% from 52Wk High	% from 52Wk Low	% From 20MA	% From 50MA	% From 200MA [®]
			AVG: -0.01%					AVG: 15.67%	AVG: 14.23%		AVG: 5.69%	
NDY	NASDAQ 100 Index	-20.66%	-8.45%			0.72%	-10.42%					-8.57%
MID	S&P Midcap 400 Index	-11.59%		4.84%				14.12%	14.87%		5.87%	-3.96%
SML	S&P SmallCap 600 Index	-11.54%		4.62%					14.61%			-4.03%
SPX	S&P 500 INDEX	-13.34%		4.26%			-6.80%	14.28%			5.32%	-4.96%
DJI	Dow Jones Industrial Average	-9.61%	4.30%		5.85%			11.12%				-3.47%
– Sectors			AVG: 6.88%					AVG: 15.88%	AVG: 19.01%		AVG: 4.09%	P
XLY	SPDR Consumer Discretionary Select Sector Fund	-20.35%	-8.09%				-8.57%	24.29%		9.81%		-7.98%
XLK	SPDR Technology Select Sector Fund ETF	-17.05%	-4.28%				-8.72%	18.54%				-5.07%
XLI	SPDR Industrial Select Sector Fund ETF	-9.61%	4.30%		9.84%		-4.07%					-3.25%
XLRE	SPDR Real Estate Select Sector Fund ETF	-14.42%			8.60%	-4.85%						-3.88%
XLE	SPDR Energy Select Sector Fund ETF	41.30%				4.35%						13.05%
XLU	SPDR Utilities Select Sector Fund ETF	3.31%	19.22%		6.62%		8.81%	4.25%			4.69%	5.71%
XLF	SPDR Financial Select Sector Fund ETF	-13.67%				-2.32%					2.88%	-9.12%
XLB	SPDR Materials Select Sector Fund ETF	-13.77%			4.90%							-7.20%
XLP	SPDR Consumer Staples Select Sector Fund ETF	-3.40%	11.47%			-4.06%		8.42%				0.19%
XLV	SPDR Health Care Select Sector Fund ETF	-6.03%	8.44%			1.62%	1.47%					0.22%
XLC	SPDR Communication Services Select Sector ETF	-27.43%			2.62%	-4.55%		34.72%	6.89%		-0.46%	-17.32%

SECTOR - BREADTH



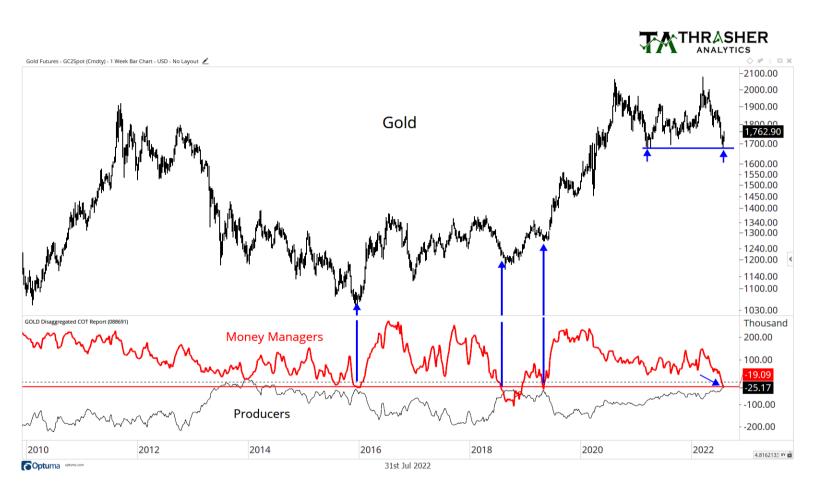
Utilities saw a big move higher in % of stocks above the 200-day moving average, now with the most of any sector at 86%. Energy, Staples, and Utilities all have at least half of their stocks above the long-term average.



COMMODITY - GOLD



Another update on the positioning of futures traders in gold. Money Managers once again moved further sold the shiny metal. We've now just had three prior instances of their short-position being this large, each saw strong price moves higher. On the weekly chart for gold, we can see a possible double bottom at \$1700, should buyers keep gold moving higher, they could force a short squeeze of these net-short Money Managers in the coming weeks/months.

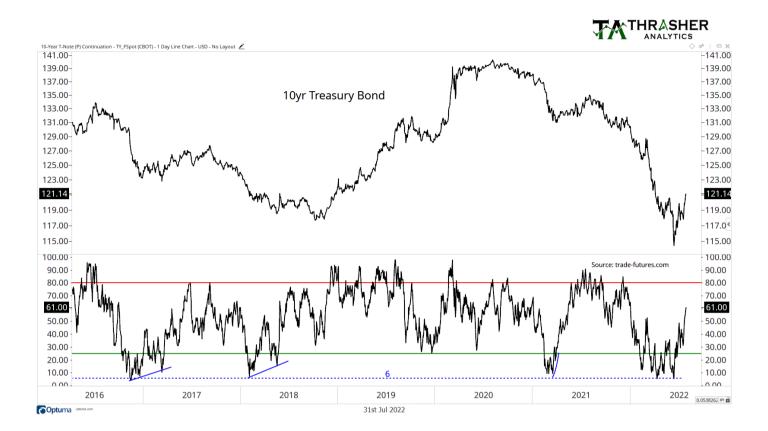




1 Day - Watch List - No Layout			0 ® ♦ * 0 ×	1 Day - Watch List - No Layout			○ ● ◇ x
Code	% Bullish 🔨	5-day MA	History 🖽	Code	% Bullish 🔨	5-day MA	History
Lumber DSI	16	23	Anna your A	Platinum DSI	46	40	Mark And Area
VIX DSI	17	22	A 1880 A	SPX DSI	47	35	1000
Bitcoin DSI	17			Nasdaq DSI	47	35	A
Cocoa DSI	21	23	A A A A A A A A A A A A A A A A A A A	CRB Index DSI	50	43	Manager Manager
EuroDollar DSI	30	28	Mary and Comment	5YR DSI	52	48	100,000,000
British Pound DSI	32	30	and the second	Heating Oil DSI	55	56	An Albania
Wheat DSI	33	29	in the later of th	Corn DSI	55	46	The second second
Cotton DSI	35	28		US Dollar DSI	61	67	Addition to the
Sugar DSI	36	32	, Alexander,	10Y DSI	61	55	1.4
Gold DSI	36	28	Market Market	Swiss Franc DSI	63	54	A. AAV
Cattle DSI	37	39	Miles County State	Palladium DSI	65	56	Made and section
Yen DSI	38	29	A COLUMN TO SERVICE STREET	Nikkei DSI	65	61	Alexander of
Euro DSI	38	32	A Secretaria	Gasoline DSI	65	64	The second state of the second
Silver DSI	40	25		Crude Oil DSI	65	65	Allegar and Allegar and Allegar
Copper DSI	40	27		Soybean DSI	71	56	Market Market Market
Coffee DSI	40	38	to place and the second	Mexican Peso DSI	78	74	ALA BALARA
Australian Dollar DSI	40	39	A LANGE OF THE SECOND	Natural Gas DSI	82	85	AND MARK IN
Orange Juice DSI	45	41		Lean Hog DSI	91	88	

Source: trade-futures.com

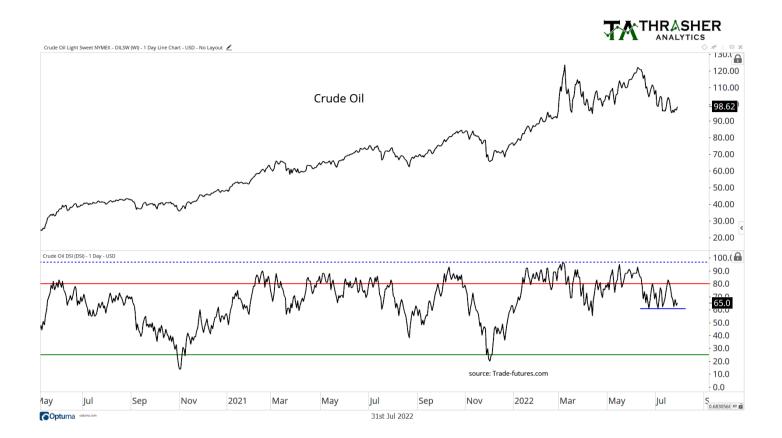




















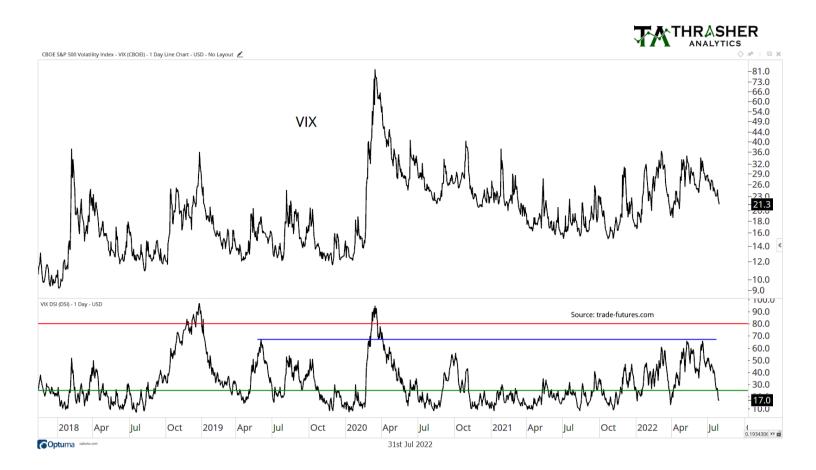






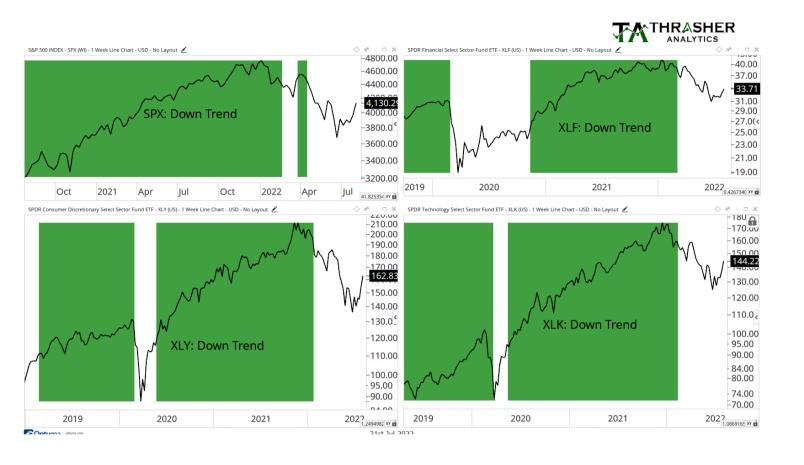






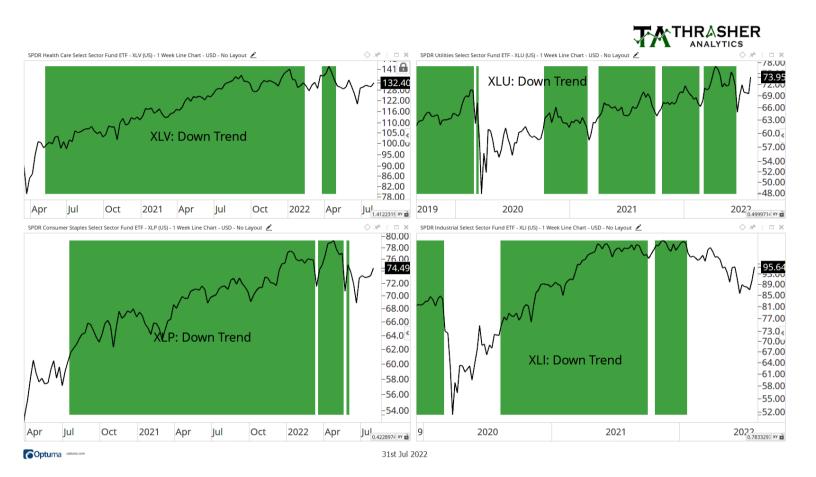
TREND MODELS





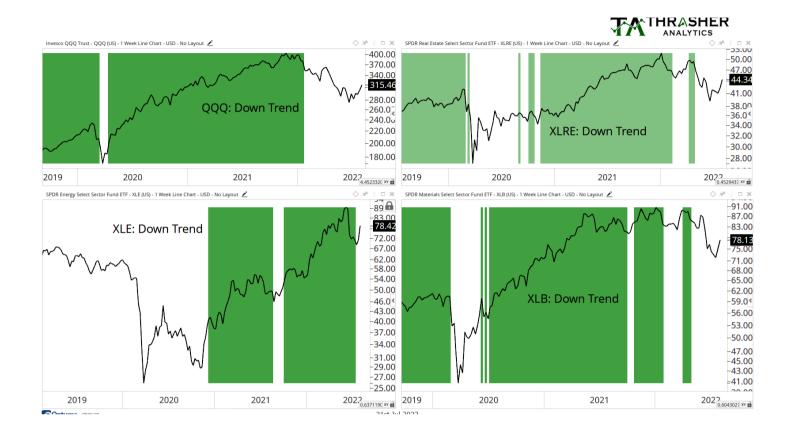
TREND MODELS





TREND MODELS







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