

MAY 29, 2022



WEEKLY RESEARCH & ANALYSIS

BY ANDREW THRASHER, CMT

#### SUMMARY OF MODELS

	Current	Wkly Change
Market Health Report	-3	Improving
Volatility Risk Trigger	0	Unchanged
Risk Appetite Ratios	.32	Improving
Bullishish Confidence Score	+5	Improving
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** 

# MARKET DASHBOARD



Sector Rotation: N	May	
Energy	XLE	
Utilities	XLU	
Consumer Staples	XLP	
Fixed Income Rotati	on: Q2	
Emerging Market Debt	PCY	
20+ Year Treasury	TLT	
Market Health Re	port	
Breadth	-1	
Momentum	0	
Sentiment	0	
Trend	0	
Volatility	-2	

Total

Inde	x & Sec	ctor
	Up	Down
	Trend	Trend
SPX		Х
QQQ		Х
XLF		Х
XLY		X
XLK		X
XLV		Х
XLU	Х	
XLP	Х	
XLI		Х
XLRE		Х
XLE	Х	
XLB		Х

Daily S	entiment In	dex
	% Bullish	5-day MA
S&P 500	33%	23%
Nasdaq 100	31%	20%
Nikkei	46%	40%
VIX	44%	53%
10yr Treasury	36%	33%
5yr Treasury	27%	25%
CRB Index	88%	82%
Crude Oil	91%	89%
Gold	74%	70%
U.S. Dollar	58%	61%
Bitcoin	11%	12%
*Green<25%	Red>80%	

source: trade-futures.com

#### **Brief Summary:**

Stocks just saw one of the biggest weekly jumps since 2020 as they came off 'oversold' levels. In the May 14th letter I wrote, "I think we could be due for a tactical bounce with the S&P 500, Nasdaq 100, and Nasdaq Composite all at 'oversold' levels that have led to bounces in the past. Breadth continues to be bearish with expanding new lows across asset sizes but markets don't move in straight lines and as I shared a few weeks back with a of the Nasdaq from 2000-2002, counter-trend bounces are quite common." At this point the rally remains a counter-trend bounce until the weight of the evidence suggests otherwise. That includes, a bullish signal in the Market Health Report (which still remains negative) and/or a cluster of bullish breadth thrusts. We've begun seeing the first few steps to initiate some thrusts, I share several examples in this week's letter, but until they are completed they don't hold enough weight to say the current low is "THE" low. Last week I discussed the lack of a lower-low in mid, small, and micro caps as the FAAMG group weighed on the S&P 500. I continue to watch how small caps perform as if we do see continued upside, they may be a good market leader.

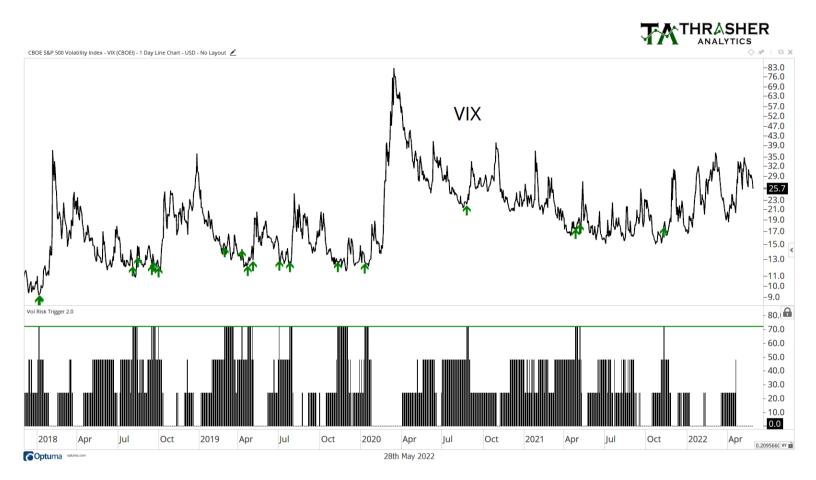
Historical the type of 'oversold' bounce has been 10-20% so it's important to see how equities trade in the next two weeks. We closed on Friday right at the March '22 low, does that conclude the bounce or do we see continuation? A further climb may push our breadth gauges into bullish territory and give bulls the needed confidence to stay in control. But should we drop back under 4050 then another new low is very much a possibility.

Commodities remain a focus with energy supplies well below historical averages. Lumber also saw a nice bounce last week, rising a little over 4%. Many other commodities as well have risen back above their 50-day moving average - we're now just above half trading over their intermediate averages.

# VOLATILITY: VRT

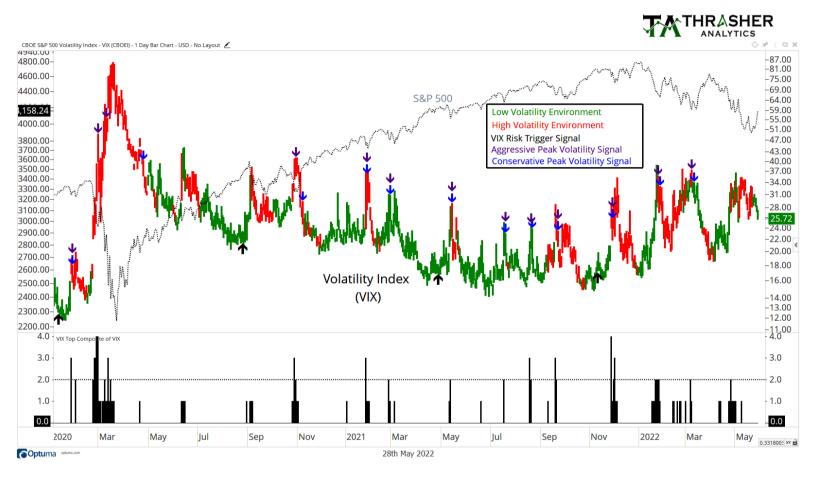


#### VRT is still below its signal level.



# VOLATILITY: TOP & ENVIRONMENT

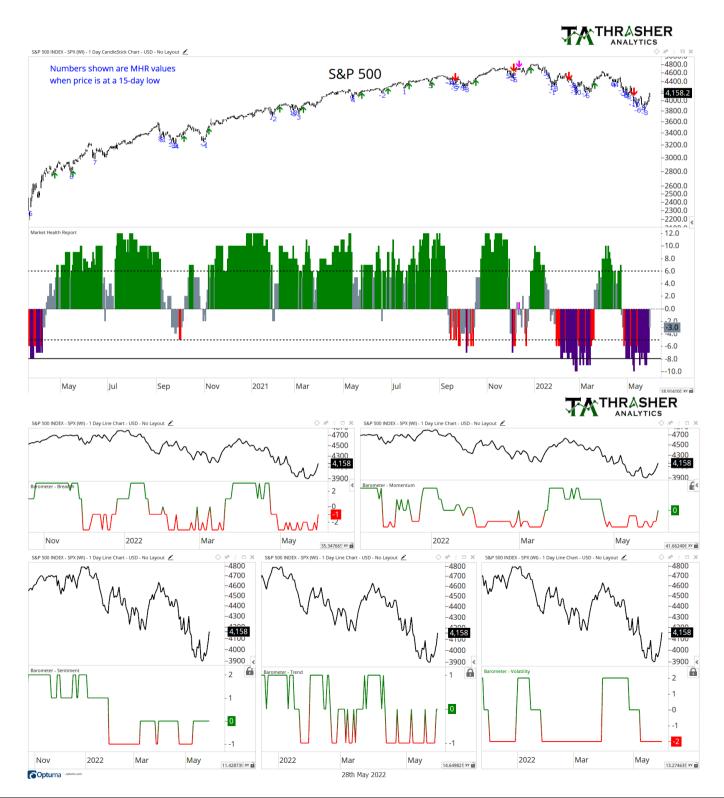
VIX continued lower this week and finished in a Low Volatility Environment classification.



# MARKET HEALTH REPORT



The Market Health Report (MHR) improved to -3 but remains with no positive categories, two still negative and three neutral.

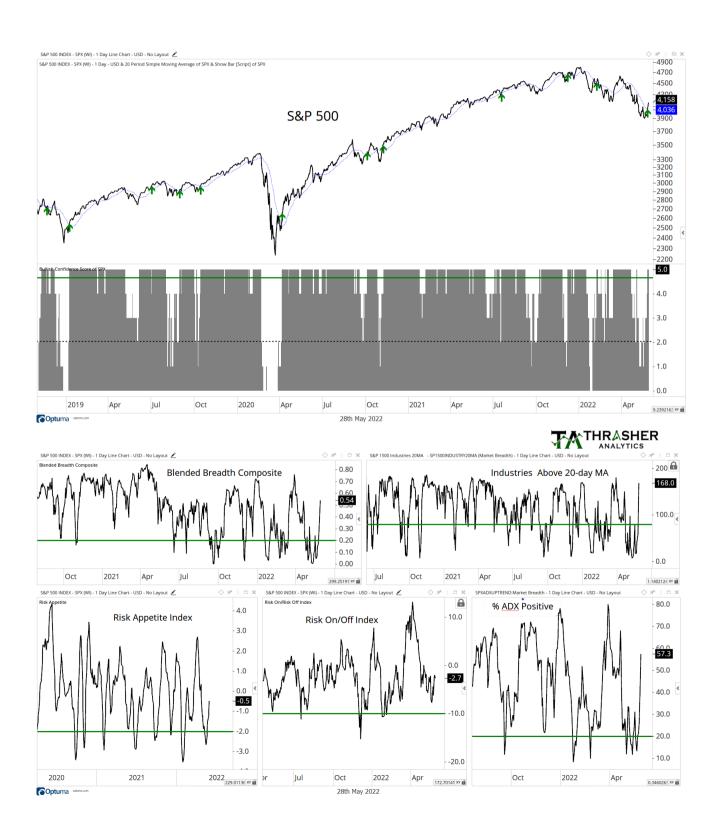


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- Not For Redistribution-

### **BULLISH CONFIDENCE SCORE**

#### The Bullish Confidence Score improved to +5.



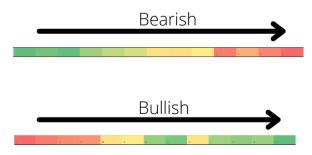
#### **RISK APPETITE RATIO**



Below is a table of 18 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

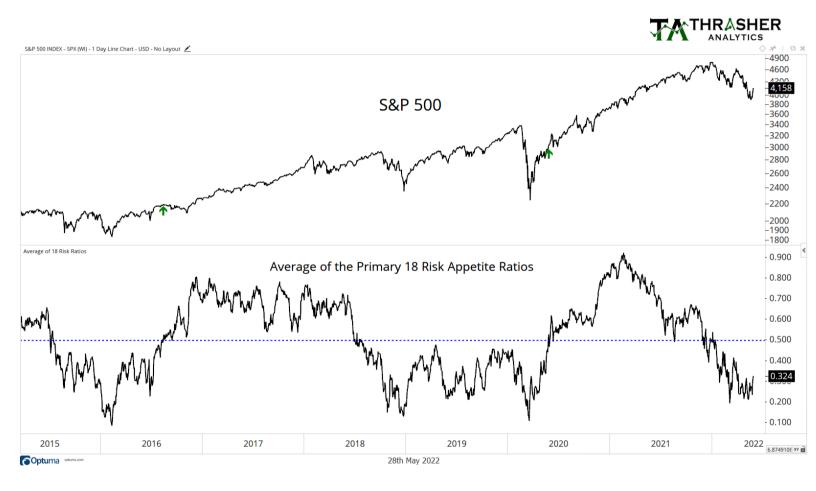
Risk Metric	-35	-34	-33	-32	-31	-30	-29	-28	-27	-26	-25	-24	-23	-22	-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	Current
Emerging Market vs. SPX	0.07	0.08	0.09	0.09	0.10	0.10	0.08	0.03	0.01	0.00	0.05	0.02	0.04	0.06	0.03	0.15	0.13	0.13	0.08	0.07	0.05	0.06	0.07	0.09	0.08	0.09	0.09	0.10	0.15	0.21	0.22	0.19	0.16	0.15	0.14	0.10
EAFE vs. SPX	0.09	0.10	0.13	0.11	0.11	0.15	0.12	0.07	0.10	0.12	0.17	0.12	0.13	0.14	0.09	0.21	0.17	0.18	0.12	0.14	0.12	0.13	0.15	0.20	0.19	0.21	0.24	0.23	0.31	0.39	0.42	0.41	0.44	0.40	0.36	0.29
HY Debt vs. Treasury	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	0.91	0.91	0.90	0.81	0.85	0.88	0.88	0.97	0.96	0.99	1.00	1.00	0.90	0.88	0.75	0.75	0.84	0.84	0.90	0.74	0.76	0.70	0.81	0.74	0.80	0.89	0.93
High Beta vs. SPX	0.03	0.00	0.00	0.00	0.07	0.01	0.05	0.11	0.03	0.00	0.00	0.05	0.00	0.00	0.09	0.09	0.20	0.23	0.28	0.17	0.10	0.00	0.05	0.00	0.01	0.12	0.07	0.16	0.12	0.17	0.16	0.15	0.00	0.08	0.19	0.26
Home Construction vs. SPX	0.00	0.02	0.08	0.08	0.10	0.09	0.06	0.11	0.13	0.14	0.14	0.20	0.23	0.20	0.22	0.23	0.26	0.28	0.32	0.29	0.28	0.39	0.34	0.27	0.38	0.37	0.36	0.38	0.34	0.37	0.40	0.33	0.27	0.36	0.42	0.40
Offense vs. Defense Sectors	0.00	0.00	0.00	0.03	0.11	0.06	0.13	0.17	0.09	0.05	0.04	0.03	0.00	0.05	0.11	0.06	0.17	0.20	0.26	0.13	0.09	0.00	0.03	0.00	0.00	0.08	0.02	0.11	0.05	0.05	0.00	0.03	0.00	0.07	0.17	0.22
Broker-Dealer vs. SPX	0.00	0.07	0.16	0.13	0.18	0.23	0.13	0.18	0.23	0.14	0.09	0.09	0.09	0.10	0.05	0.04	0.08	0.13	0.10	0.14	0.07	0.06	0.04	0.07	0.06	0.06	0.02	0.05	0.09	0.13	0.16	0.20	0.18	0.20	0.25	0.24
S&P Growth vs. S&P Value	0.32	0.26	0.19	0.17	0.21	0.14	0.15	0.18	0.11	0.08	0.06	0.10	0.03	0.03	0.11	0.04	0.10	0.09	0.11	0.01	0.00	0.00	0.04	0.00	0.00	0.05	0.02	0.05	0.00	0.01	0.00	0.01	0.00	0.01	0.05	0.10
Semiconductor vs. SPX	0.10	0.00	0.00	0.00	0.05	0.00	0.07	0.09	0.09	0.03	0.05	0.10	0.04	0.01	0.14	0.11	0.20	0.22	0.24	0.18	0.17	0.08	0.18	0.12	0.14	0.26	0.21	0.32	0.29	0.32	0.32	0.27	0.19	0.24	0.30	0.36
Consumer Disc. Vs. Staples	0.02	0.01	0.00	0.00	0.05	0.03	0.04	0.09	0.06	0.01	0.00	0.03	0.00	0.00	0.01	0.00	0.08	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.04	0.08	0.09	0.12	0.08	0.06	0.00	0.06	0.15	0.17
Small Cap vs. Utilities	0.00	0.00	0.02	0.01	0.06	0.04	0.04	0.07	0.06	0.04	0.02	0.05	0.00	0.00	0.02	0.02	0.07	0.08	0.09	0.02	0.00	0.00	0.03	0.00	0.04	0.08	0.06	0.10	0.05	0.06	0.05	0.05	0.00	0.03	0.07	0.09
Transports vs. Utilities	0.02	0.00	0.04	0.04	0.09	0.09	0.10	0.16	0.18	0.20	0.18	0.24	0.18	0.23	0.27	0.26	0.31	0.33	0.36	0.31	0.25	0.19	0.23	0.18	0.21	0.21	0.18	0.24	0.06	0.01	0.02	0.03	0.00	0.03	0.10	0.13
Equal Weight vs. Cap Weight	0.48	0.55	0.66	0.66	0.66	0.74	0.70	0.73	0.83	0.83	0.84	0.80	0.87	0.86	0.75	0.84	0.80	0.85	0.81	0.89	0.85	0.88	0.81	0.86	0.93	0.92	0.92	0.93	0.97	1.00	0.99	0.93	0.95	0.99	1.00	0.98
Small cap vs. Large Cap	0.04	0.02	0.06	0.09	0.12	0.13	0.10	0.11	0.13	0.10	0.11	0.11	0.10	0.07	0.04	0.08	0.10	0.11	0.10	0.08	0.03	0.00	0.00	0.00	0.05	0.08	0.07	0.11	0.13	0.16	0.15	0.12	0.10	0.13	0.14	0.15
Equities. vs. VIX	0.48	0.50	0.34	0.34	0.46	0.40	0.43	0.48	0.54	0.41	0.19	0.23	0.05	0.09	0.14	0.04	0.07	0.14	0.28	0.09	0.11	0.00	0.03	0.03	0.05	0.13	0.16	0.22	0.06	0.09	0.09	0.13	0.10	0.13	0.17	0.24
Aussie Dollar vs. Yen	0.94	0.96	0.99	1.00	0.98	0.99	0.98	1.00	1.00	0.96	0.87	0.81	0.73	0.78	0.86	0.79	0.79	0.83	0.91	0.84	0.83	0.72	0.72	0.70	0.57	0.67	0.69	0.74	0.64	0.69	0.70	0.74	0.70	0.70	0.70	0.75
Lumber vs. Gold	0.31	0.35	0.30	0.28	0.29	0.29	0.32	0.34	0.38	0.41	0.40	0.42	0.43	0.46	0.45	0.44	0.45	0.45	0.43	0.44	0.43	0.45	0.47	0.45	0.50	0.49	0.35	0.35	0.30	0.23	0.21	0.20	0.20	0.20	0.23	0.24
Copper vs. Gold	0.38	0.39	0.27	0.28	0.26	0.30	0.36	0.34	0.27	0.36	0.24	0.19	0.15	0.22	0.16	0.07	0.03	0.03	0.11	0.04	0.00	0.00	0.00	0.04	0.00	0.15	0.15	0.19	0.12	0.18	0.17	0.24	0.16	0.16	0.12	0.18
AVERAGE	0.24	0.24	0.24	0.24	0.27	0.27	0.27	0.29	0.29	0.27	0.24	0.25	0.21	0.23	0.25	0.24	0.28	0.30	0.32	0.27	0.24	0.21	0.23	0.21	0.22	0.27	0.25	0.29	0.25	0.28	0.27	0.27	0.23	0.26	0.30	0.32



#### **RISK APPETITE RATIO**



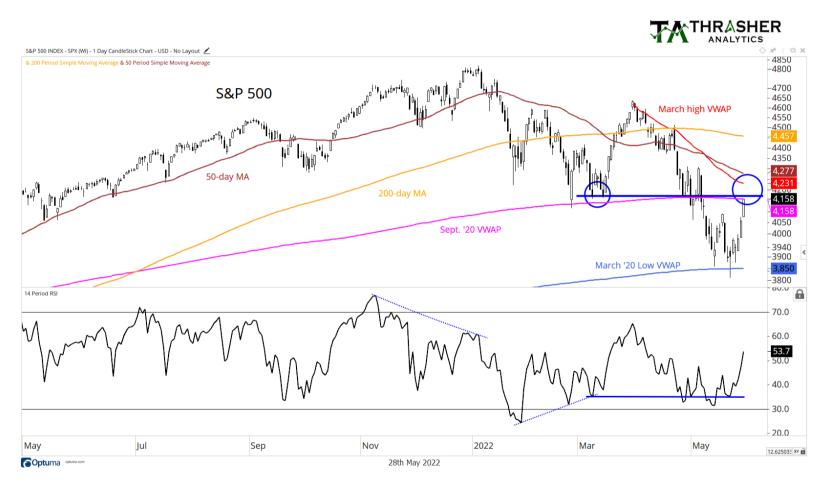
The average Risk Appetite Ratio percentile finished the week up to the 32nd percentile.



# EQUITIES - S&P 500 DAILY



The March 2020 VWAP continued to hold as support with equities rallying over 6% last week. We finished trading on Friday with the S&P 500 right at its Sept. '20 VWAP as well as the prior March low. This is a key price level that bulls will want to push through. If we do get some more buying then next up will be the March '22 VWAP which currently is at 4231 and the 50-day moving average. This week's bounce was not unexpected, as I wrote was possible two weeks ago as well as last week. The classification in my mind reminds as a counter-trend rally until we see a breadth thrust.



# **VOLATILITY - FUTURES CURVE**



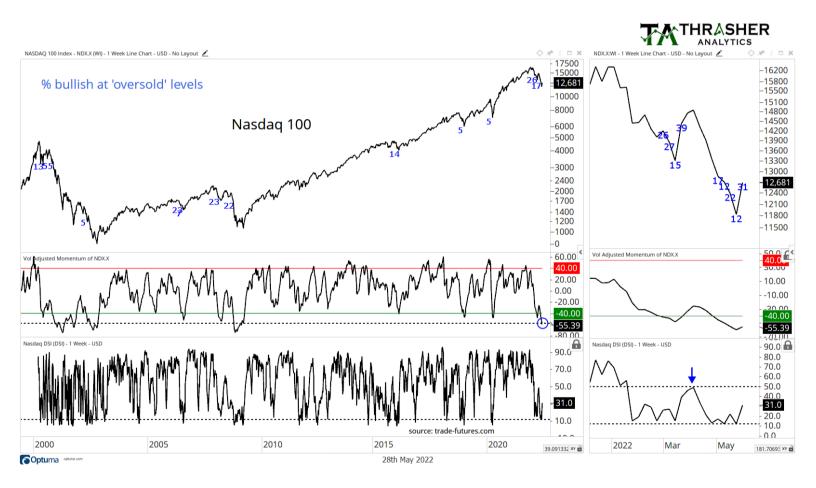
The VIX futures curve is back to 'normal' with each major component in contango. Focusing on the top table of the chart below, the percentiles show the largest drop has been seen in 9-day and 30-day volatility - both in the bottom half of their 1-year ranges.



#### EQUITIES - NASDAQ SENTIMENT



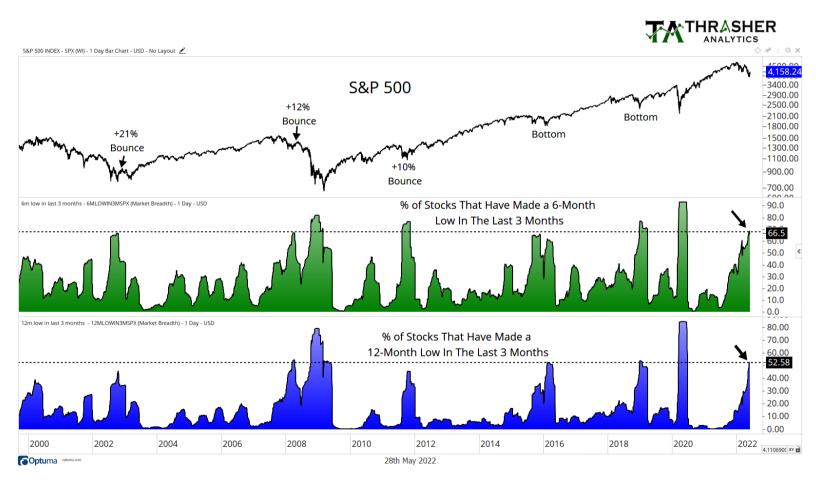
Here's an updated look at a chart I've shared several times. Previously, I had written how sentiment for the Nasdaq 100 hadn't seen a 'wash out' like at prior "oversold" periods since 2000. DSI got to 9% bullish on the daily chart but hasn't closed a weekly in single digits. We did see a low at 12% bullish before last week's bounce. What's interesting is this looks similar to the first bounce in 2000 when Sentiment hit 13% bullish as the Nasdaq 100 become 'oversold' which was followed by a lower-high bounce.



## **EQUITIES - NEW LOWS**



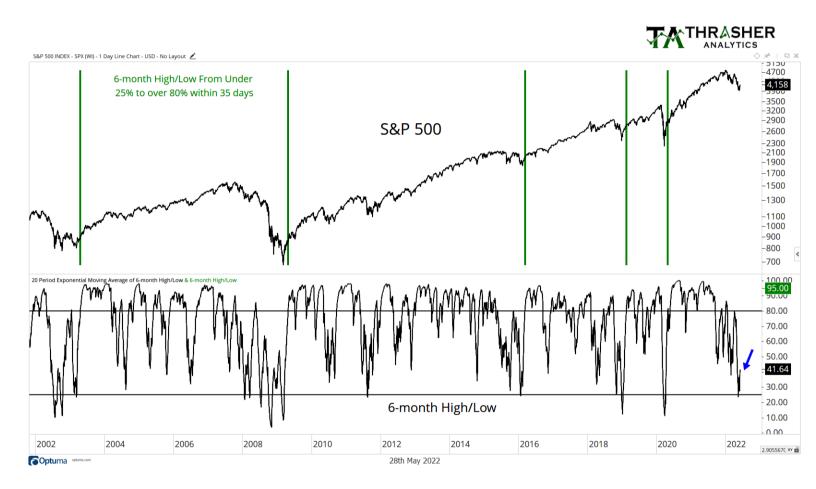
Below is a look at the % of large cap stocks that have made a 6-month or 12-month low in the last three months. We've now had 66% make a 6-month low and 53%, a 12-month low. These levels have been important inflection points in the past. Previously we've seen three bounces and two bottoms. The bounces ranged from 10-21%, if we follow that path then we could see a little more juice squeezed out of this counter-trend rally (of course not a requirement just a mental exercise). In '16 the market shifted from expecting rate hikes into rate cuts as the Fed became more dovish and risk assets resumed to rally which is a similar story to the bottom in 2018 as the Fed appeased the market. That doesn't seem to be the game plan for the Fed this go-around so the likelihood seems more that we see a bounce but an eventual lower-low.



# EQUITIES - THRUSTS 1



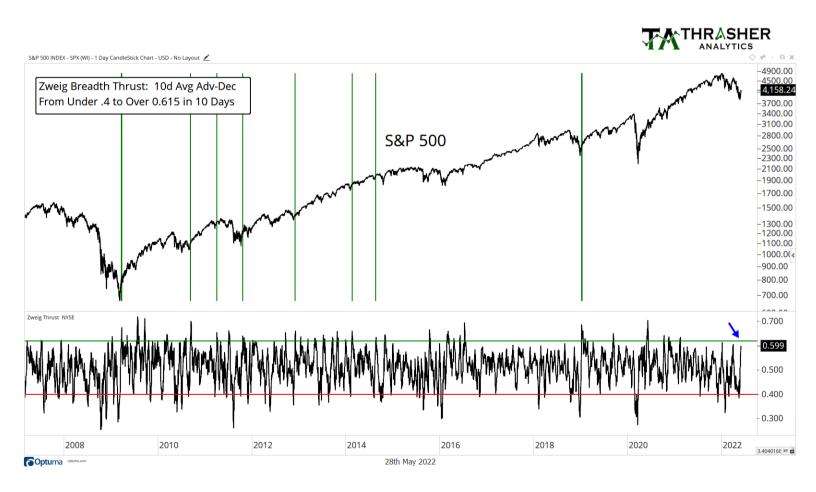
Two weeks ago I wrote that we were starting to see early signs of bullish breadth thrusts be formed. Below is an updated look at one of the ones I mentioned - the 6-month high/low going from under 25% to over 80%. This data continued to rise and finished last week at 41%. That's still a long way off of 80% but it's heading in the right direction (so far).



# EQUITIES - THRUSTS 2



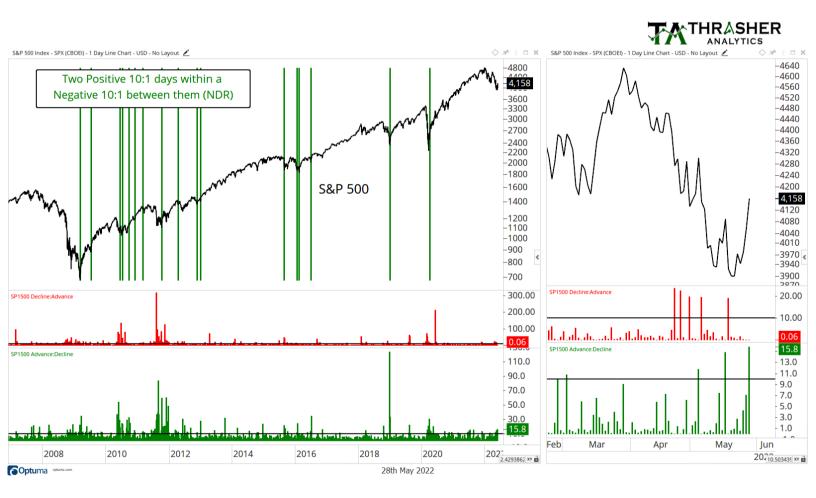
Another bullish thrust that's finished "step 1" is a Zweig Breadth Thrust, which has specific levels that much be reached in a specific amount of time. First, the 10-day average advance-decline go under 0.4 but now must rise to over .615 in a two week period, per Marty Zweig's writing. This specific criterion has not been completed very often, the last instance was just after the low in 2018. But when it does, the price action has historically been very bullish. We closed last week with the 10-day avg of A-D at 0.599, so this week we'll need to see some more price advances to get to 0.615 within the two week window. I'll of course share if we did cross the proverbial finish line here.



# EQUITIES - THRUSTS 3

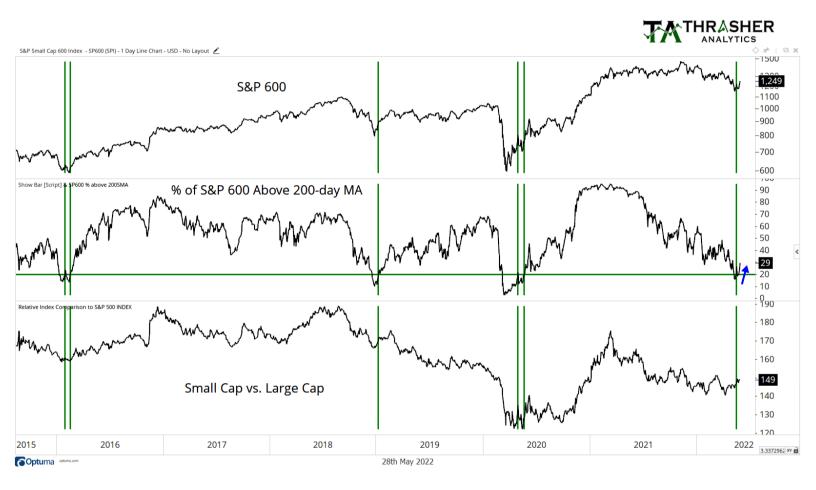


The last Breadth Thrust I'll share that's currenting in "step one" was developed at Ned Davis Research. NDR applies this to their own group of stocks, I'm using the S&P 1500 which broadly includes large, mid, and small cap equities. What we're looking for is two 10:1 up days (meaning 10 advancing stocks for every 1 declining) without a down 10:1 day (10 down stocks for each 1 advancing). This last occurred after the bottoms in 2018 and 2020. Friday was a 15.8:1 day so we need to see one more 10:1 up day to complete the thrust.



# EQUITIES - SMALL CAP

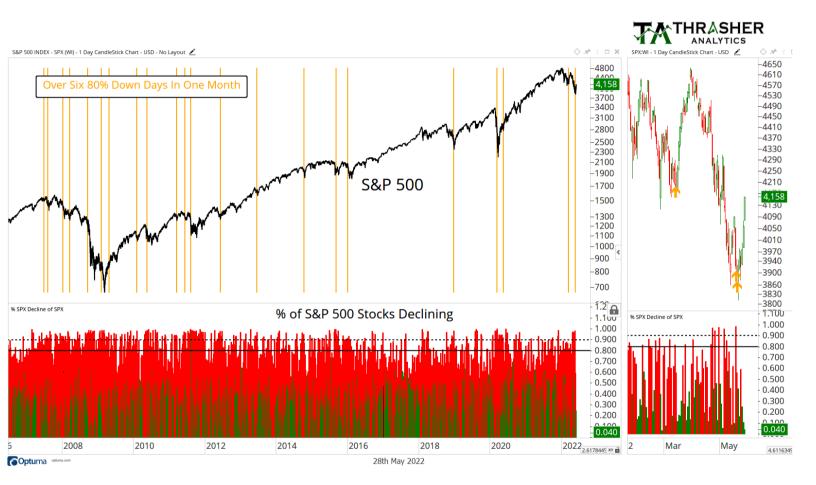
With last week's bounce in equities, we saw more improvement in the breadth for S&P 600 which has now gone from less than 20% to almost 30% of stocks above the 200-day moving average. Small cap relative performance has also continued to improve. Should the current rally be durable, I'm closely watching small caps as a potential leader.



#### EQUITIES - 6 DOWN DAYS



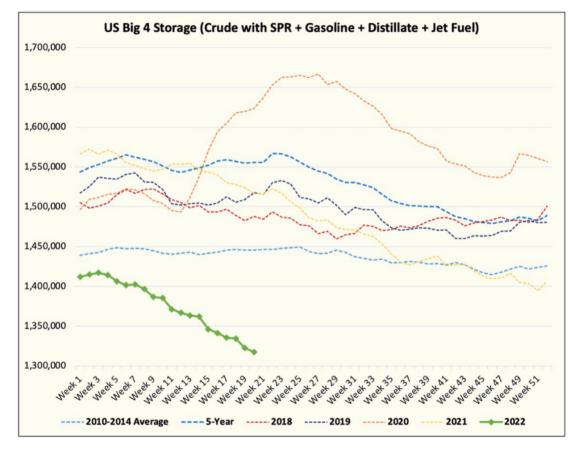
I shared this chart with the March counter-trend bounce and once again we have had six down days of over 80% of equities moving lower within one month and like in March, it has been followed by a bounce in equity indices. As the chart shows, it's not unusual to see an 'oversold' rally follow strong selling periods like this. It doesn't *always* lead to a durable low but the bounce isn't a big surprise.



#### EQUITIES - ENERGY STORAGE



The following chart comes from HFI Research, which shows this year's storage of crude, gasoline, distillate, and jet fuel compared to prior years. As you can see, we're currently well below-average. The same type of charts can be shown for ag commodities as well with planting of wheat and corn also below average. The calls for commodity prices to come down due to lower demand don't seem to take into account that a big part of the rise in prices has been attributed to a lack of supply not just rising demand.



**EIA, HFIR** 

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 Sco
• Mean Reversion Score 1st Quartile		AVG: 3.94%	AVG: -13.86%	AVG: -31.64%	AVG: -1.826	AVG: -64.78
Shopify Inc	SHOP	1.43%	-19.77%		-1.828	-88.05
Atlassian Corporation Plc	TEAM	4.16%	-24.67%	-39.42%	-1.859	-71.70
PayPal Holdings Inc	PYPL	5.80%	-0.95%		-1.463	-70.36
Netflix Inc	NFLX	4.74%				
Carvana Co.	CVNA	0.83%	-59.58%	-77.81%	-1.886	-68.02
Microsoft Corporation	MSFT	8.19%	-0.29%		-0.999	-65.48
Amazon.com, Inc	AMZN	7.02%	-20.23%	-25.13%	-2.523	
Workday Inc	WDAY	-4.34%	-22.97%	-29.50%	-2.828	
Twilio Inc - Ordinary Shares Class A	TWLO	5.18%			-1.594	-57.54
Meta Platforms Inc	FB	0.82%			-1.587	-56.92
Salesforce Inc	CRM	3.41%	-3.69%		-1.883	-56.41
ServiceNow Inc	NOW	9.99%			-1.450	-56.34
· Mean Reversion Score 2nd Quartile		AVG: 6.89%	AVG: -4.29%	AVG: -17.63%		
Mean Reversion Score 3rd Quartile		AVG: 5.87%	AVG: -11.77%	AVG: -23.09%	AVG: -1.214	AVG: -15.03
Mean Reversion Score 4th Quartile		AVG: 5.83%	AVG: -4.39%	AVG: -9.17%	AVG: -0.239	AVG: 1.25
Transdigm Group Incorporated	TDG	11.27%		-7.57%	-0.548	-9.80
Roblox Corporation - Ordinary Shares - Clas	RBLX	0.66%			-1.642	-9.17
Fiserv, Inc.	FISV	6.05%	4.12%		-0.542	-8.40
Palo Alto Networks Inc	PANW	5.87%		-11.05%	0.240	-5.22
Uber Technologies Inc	UBER	1.37%	-23.22%	-32.33%		-3.01
Expedia Group Inc	EXPE	5.12%		-34.49%		1.93
Humana Inc.	HUM	4.91%			1.231	3.97
T-Mobile US Inc	TMUS	6.40%	4.26%	6.89%	0.544	4.25
Builders Firstsource Inc	BLDR	9.77%		-8.20%	0.452	7.78
Booking Holdings Inc	BKNG	7.09%	2.35%		-0.175	8.79
Unitedhealth Group Inc	UNH	4.40%			1.263	9.70
WillScot Mobile Mini Holdings Corp	WSC	7.01%			0.493	14.22

#### **SECTOR PERFORMANCE**

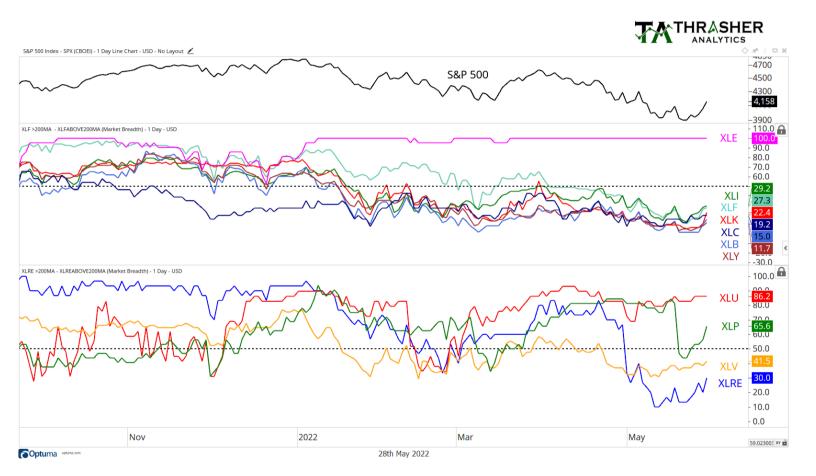


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1 Day - Watch	List - No Layout											0.00
– Ticker	Name	2022	YTD Rel% to SPX	1W %~	1M %	3M%	6M%	% from 52Wk High	% from 52Wk Low	% From 20MA	% From 50MA	% From 200MA
– Index			AVG: -0.32%					AVG: 15.37%	AVG: 9.35%		AVG: -2.31%	
NDY	NASDAQ 100 Index		-10.94%				-20.87%	24.36%				-14.43%
SPX	S&P 500 INDEX											
SML	S&P SmallCap 600 Index					-4.72%	-9.26%	15.47%		4.28%		
MID	S&P Midcap 400 Index				0.67%	-4.57%	-8.62%	13.20%		3.85%		
DJI	Dow Jones Industrial Average	-8.60%			-0.27%		-4.83%	10.12%	8.41%	2.67%		-4.34%
– Sectors			AVG: 9.99%					AVG: 12.87%	AVG: 18.91%		AVG: -0.98%	
XLY	SPDR Consumer Discretionary Select Sector Fund				-8.56%		-24.65%	28.50%				-16.60%
XLE	SPDR Energy Select Sector Fund ETF		82.83%	8.27%	18.26%	28.53%	59.28%			8.57%		38.83%
XLF	SPDR Financial Select Sector Fund ETF	-8.91%	4.41%	8.05%			-8.25%			4.34%	-1.86%	
XLK	SPDR Technology Select Sector Fund ETF	-18.64%				-8.35%						-9.62%
XLI	SPDR Industrial Select Sector Fund ETF	-9.77%	3.42%			-3.69%			8.45%			-5.86%
XLP	SPDR Consumer Staples Select Sector Fund ETF				-4.64%		4.22%					
XLB	SPDR Materials Select Sector Fund ETF	-3.59%								4.27%		
XLRE	SPDR Real Estate Select Sector Fund ETF	-13.49%	-0.84%	5.83%				14.09%	8.34%		-3.67%	
XLU	SPDR Utilities Select Sector Fund ETF									4.49%	2.68%	
XLC	SPDR Communication Services Select Sector ETF							30.26%				-18.34%
XLV	SPDR Health Care Select Sector Fund ETF	-4.88%							11.12%			0.81%

#### **SECTOR - BREADTH**

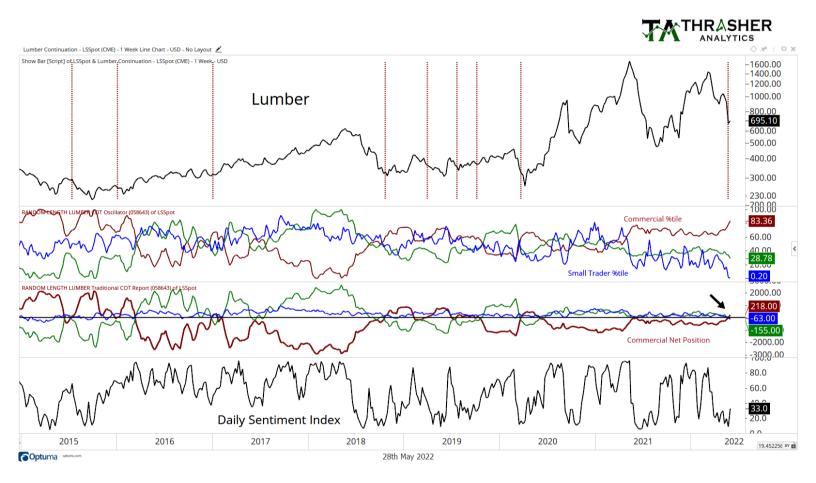
Big improvement in breadth for consumer staples, rising back over 50% and finished the week with 65.6% of stocks above the 200-day moving average. Even with last week's bounce, all (except energy) offense sectors remain below 30% of stocks above the 200-day MA.



## **COMMODITY - LUMBER**



Last week I shared my bullish thesis for lumber prices based on the setup in COT data. Lumber futures rose 4.2% last week and Commercial Traders continued to get more bullish, rising to a 218 net-long position and one of the highest %tiles (83rd) in several years. Sentiment also improved, going from 9% bullish to 33%.



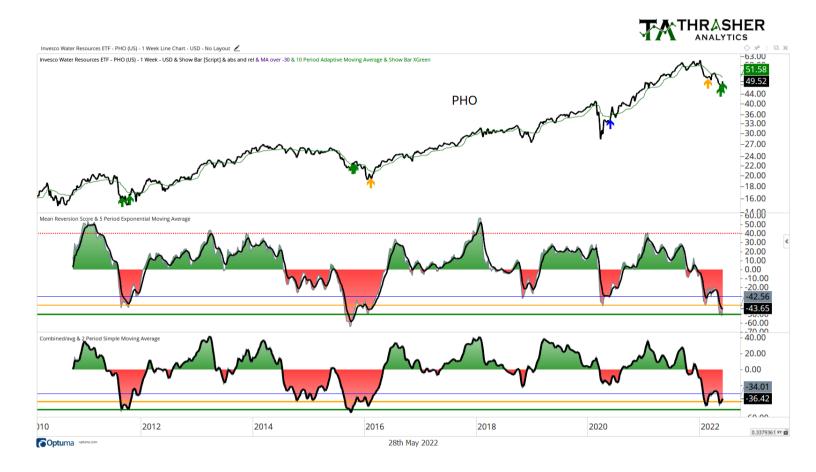
#### **COMMODITY - BREADTH**

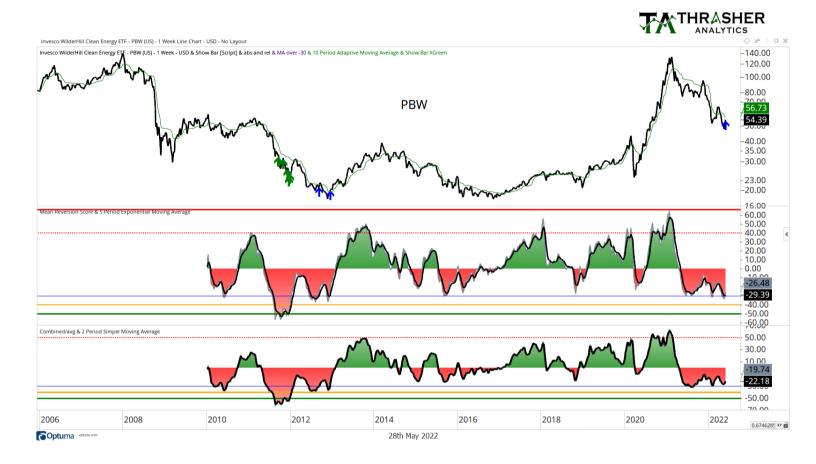


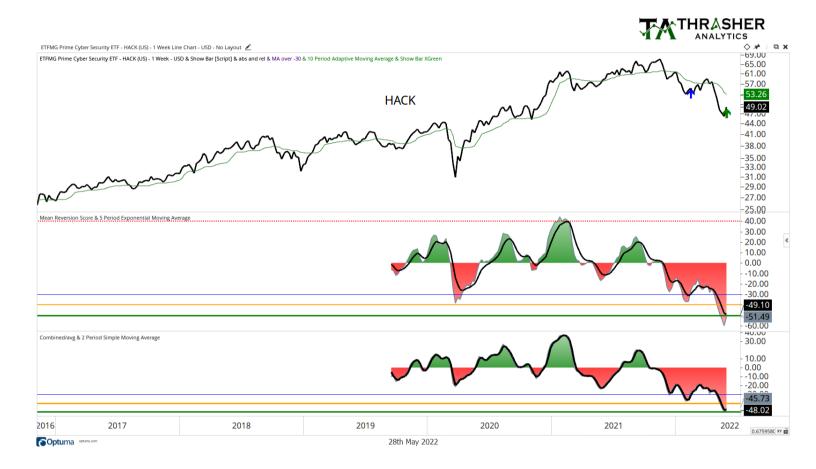
We're still well below the prior peak of over 90% of commodities trading above the 50-day moving average but we're now seeing an improvement in the data. Having gone from almost 30% to now at 52% we're back to having at least half of commodities above the intermediate average.

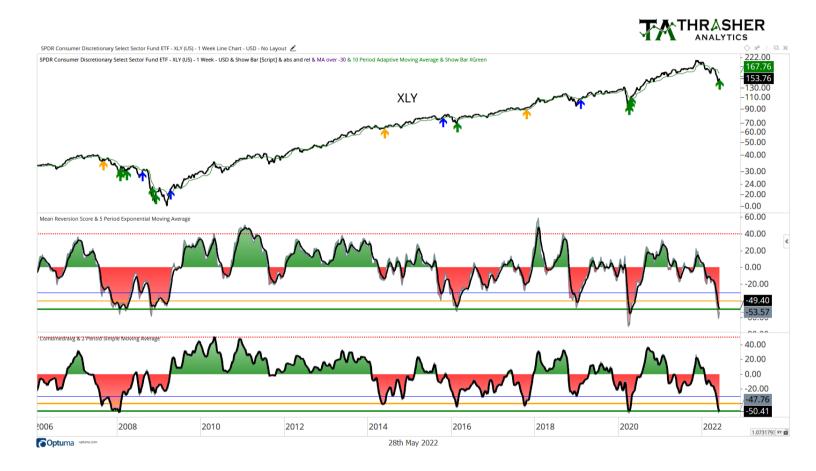


New TAMRI Signals:
Blue (short-term):
PBW
Orange (intermediate):
-
Green (major):
XLY
HACK
PHO











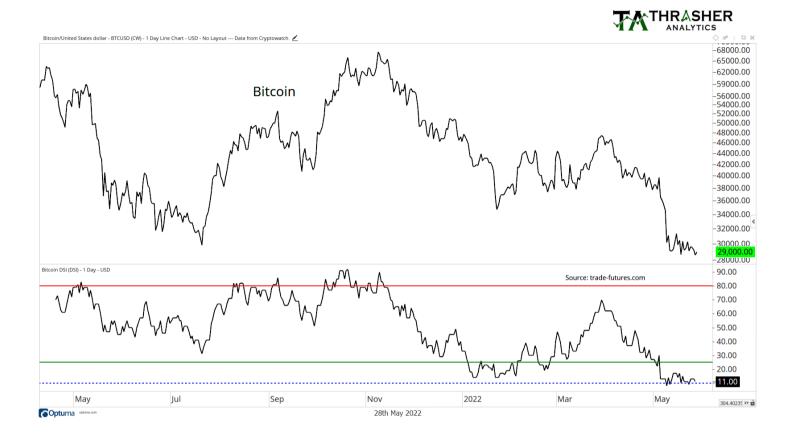
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Code	% Bullish 🔺	5-day MA	History 🗄	Code	% Bullish 🔺	5-day MA	History
Bitcoin DSI	11	12		Silver DSI	55	51	
EuroDollar DSI				Cotton DSI	55	60	
5YR DSI	27	25		Coffee DSI	55	41	finding and a second
Nasdaq DSI	31	20	All	Lean Hog DSI	56	53	, and have a set
Cocoa DSI	31			Platinum DSI	57	54	and the second
Cattle DSI	31	31		US Dollar DSI	58	61	A. A. A. A. A. A. A. A.
SPX DSI	33	23	Maria Maria	Sugar DSI	65	62	and the second second second
Lumber DSI	33			Corn DSI	66	64	a second second second
Yen DSI	34	33		Wheat DSI	70	69	and the state
Palladium DSI	35	30		Gold DSI	74	70	and a state of the state
Euro DSI	36	33		Orange Juice DSI	77	79	and the second states
10Y DSI	36	33		Natural Gas DSI	87	87	
British Pound DSI	39	36		Mexican Peso DSI	87		the set of the set
Australian Dollar DSI	42	37		Soybean DSI	88		h, Alberta Alberta
Copper DSI	43	37	All and a definition of the	CRB Index DSI	88	82	ARMA, AN
VIX DSI	44	53	AND ALL ADD	Crude Oil DSI	91		Antonia
Swiss Franc DSI	44	40	All services and s	Gasoline DSI	92		ABAR
Nikkei DSI	46	40	A start free and start	Heating Oil DSI	93		ALL DUAL AND

Source: trade-futures.com

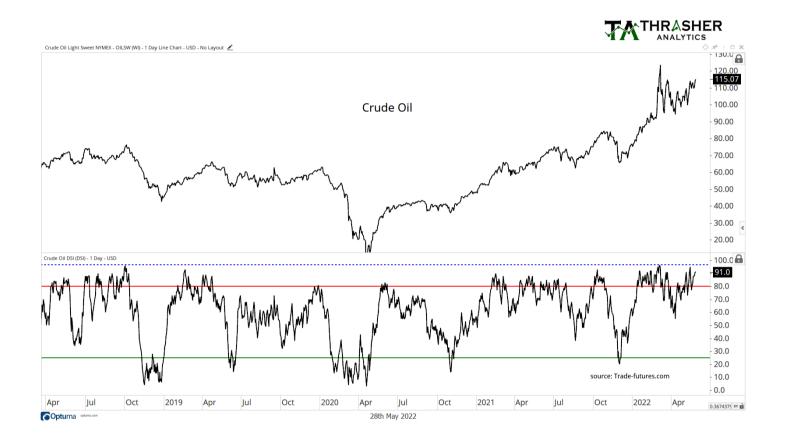












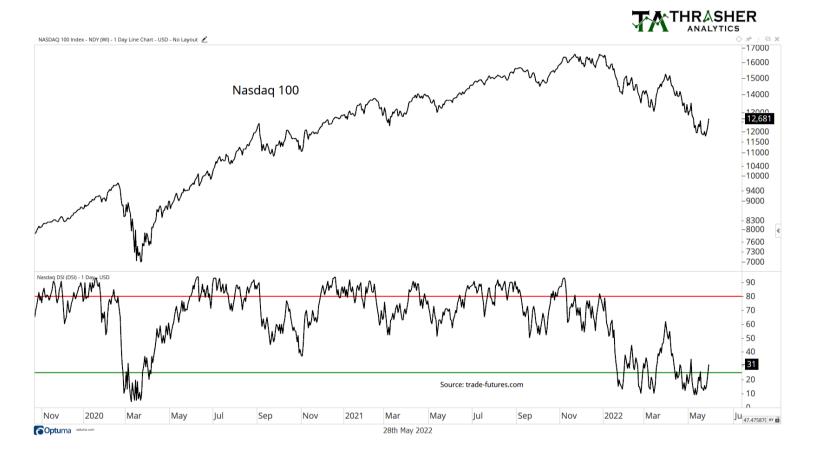




Soptuma .....

28th May 2022





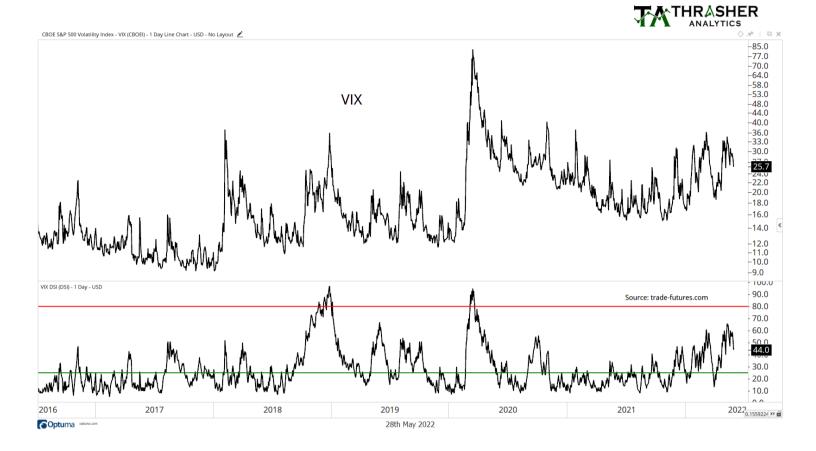










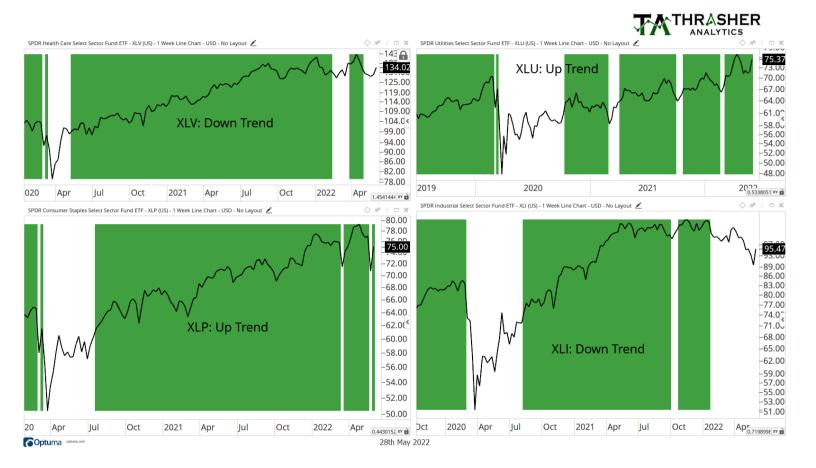


#### **TREND MODELS**



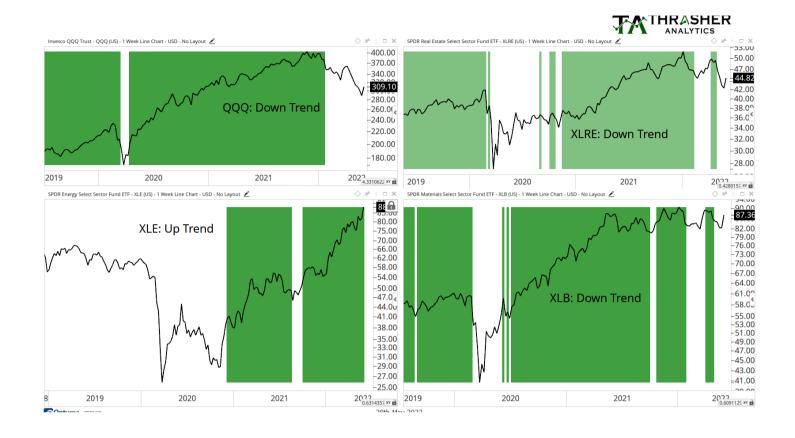


#### **TREND MODELS**



### **TREND MODELS**







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