Calamos Alternatives Snapshot

June 21, 2022 (data as of June 17, 2022 unless indicated)

The Bear Market Bottoms When Investors Are

270

174

137

73

42

28

12

(15)

(87)

(112)

(175)

(511)

Infrastructure

Multistrategy

Macro Trading

Event Driven

Real Estate

Energy LPs

Convertibles

Long-Short Equity

Equity Mkt Neutral

Relative Value Arb

Nontraditional Bond

Options Trading

172

177

170

193

117

78

182

(446)

214

(32)

12

(528)

128

182

(14)

52

24

11

148

174

48

(41)

124

(317)

848

(7)

(34)

152

68

3

231

(130)

(53)

(147)

511

(894)

11

3

2

9

7

25

37

(2)

(1)

(5)

(1)

(15)

2,033

7,368

2,738

1,303

1,051

2,033

3,303

(3,542)

959

1,459

(2,039)

(2,491)

-10.75 -10.56 -10.33

PROFESSIONAL USE ONLY.

SMALL

²St. Louis Federal Reserve (FRED Database). FOR INVESTMENT

WEEKLY HEADLINES



QTD

YTD

18.85

3.64

-6.47

-5.62

-4.22

-2.21

-4.25

-10.23

-12.87

-13.46

-19.85

-23.22

27.97

-10.89

6.96

6.17.21

0.06

0.23

1.52

1.90

MTD

MORNINGSTAR ALTERNATIVE CATEGORIES¹

1 week

																	_	_	
Indifferent to Ra	S&F	P 500			-5.75	-10.97	-18.5	9 -22.	33	Systematic Trend	-0.28	2.99	7.71						
The biggest drop in		Rus	sell 3000)		-5.95	-10.98	-19.0	7 -23.	35	Equity Market Neutral	-0.51	-0.60	2.21					
earlier rather than		,		0		sell 2000)		-7.43	-10.56	-19.3	0 -25.	37	Nontraditional Bond	-1.41	-2.29	-4.03		
Mark Hulbert on M			sed on h	nis analy	sis Rus	Russell 1000			-5.86	-11.00	-19.0	6 -23.	21	Relative Value Arbitrage	-1.55	-1.94	-4.55		
of previous bear m					Rus	sell Mid	Сар		-7.42	-12.15	-18.8	5 -23.	46	Event Driven	-1.55	-2.55	-4.06		
When the market					MS	CI EM			-4.65	-6.60	-11.3	7 -17.	51	Macro Trading	-1.58	-1.73	-2.33		
Monday—sentime	,		_		MS	CI ACWI			-5.72	-10.36	-17.3	4 -21.	69	Multistrategy	-2.00	-2.53	-3.11		
pessimistic as it wi				,	MS	MSCI World			-5.86	-10.85	-18.0	9 -22.	22	Long-Short Equity	-3.07	-5.26	-7.74	٠.	
wrote. Investors w dropped 20% in Ju	_	•			MS	CI EAFE			-5.73	-10.47	-15.4	4 -20.	33	Options Trading	-3.19	-6.14	-10.94		
S&P 500 hit its max					r ICE	BofA Glo	bal 300	Convt	-4.48	-6.37	-13.4	3 -18.	87	Derivative Income	-4.68	-7.84	-12.50		
example.				,		ICE BofA All US Convertible			-5.14	-7.42	-16.7	7 -21.	27	Convertibles	-5.13	-7.26	-15.56		
Hulbert further co	ed on th	he "stul	bbornne	ess with	ICE	ICE BofA US High Yield			-2.93	-5.60	-8.80	-12.	92	Real Estate	-5.41	-11.04	-19.12		
which the bearishn	ness is h	neld." H	e distin	guished	betwe	en Blo e	Bloomberg US Corp Bond			-1.19	-3.37	-7.80	-14.	89	Commodities Broad Basket	-5.72	-2.87	2.47	
a bear market rally	ottom: [During 1	the rally	, investo	ors Blo	Bloomberg US Govt/Credit			-0.76	-2.60	-6.02	2 -11.	97	Infrastructure	-6.76	-9.96	-12.14		
are eager to believ	e "that	happy	days ar	e here a	again." E	y Blo	omberg	US Agg B	ond	-0.92	-2.81	-5.89	-11.	48	Energy Limited Partnership	-14.18	-14.67	-10.85	
contrast, when inv	•	_	eir cor	COMMODITIES ² BOND RATES ²															
hands, "the final be					5		6.17.22	5.31.22	12.31.	21 6.17	.21		6.17.22	5.31.22	12.31.21	6			
See below right for	rt's five	stages	of bear	market	Gol	ld			1842	1855	1820			Effective Fed Funds Rate	0.83	0.83	0.08		
grief.			Oil	Oil			120.9	114.4	75.5	71.	.1	2-Year Treasury	3.14	2.53	0.75				
Economic Releases v			Week)		Gas	oline			5.01	4.62	3.28	3.0	7	10-Year Treasury	3.28	2.85	1.55		
PPI/Core PPI: 10.8%/ Retail Sales (May): -0		-	8.6%			Bito	Bitcoin			20,421	31,804	46,24			ICE BofA US Corp. AAA	4.05	3.54	2.03	
Fed Meeting: Federa			reases	75 bps		D 4	ADVET	DLUCE							E STACES OF BEAR MARKE	T CDIEE			
Economic Releases t					IVI	IARKET	PULSE							5 STAGES OF BEAR MARKE	IGRIEF				
Existing Home Sales		N.	1ONTH-1	O-DATE	As of	As of YEAR-TO-DATE			DENIAL										
Fed Chair Testimony		23)										_			Stock market weakness is a buying opportunity.				
New Home Sales (6/							VAL	JE COF	E GROW	TH 6/17/2022	VALUE	CORE	GROWTH		100 000 000 000 000 000 000 000 000 000	_В оррогин	cy.		
MORNINGSTAR WEEK		S (\$MIL) 3 Wks		Weekly	YTD									ANGER	re rail again	ct the unfa	irnoss of the		
As of 6/15/22	Last Week	Ago	Ago	Ago	Streak	Flows	-11/11		00 -10.7	9 LARGE	-15.21	-23.21	-30.31		Denial morphs into anger, investors rail against the unfairness of the pullback. A hallmark of this stage: investors see the pullback as a				
Systematic Trend	449	234	66	57	26	3,790									personal affront.				
Commodities Broad Derivative Income	403 285	572 356	193 451	(1,301) 562	3 83	9,047 12,238	12	77 -12.	15 -10.7	2 MID	17.00	-23.46	-33.42		PARCAINING				
berivative income	285	356	451	562	83	12,238	-12.	// -1Z.	15 -10./	עווט	-17.90	-23.46	-33.42		BARGAINING				

1 week

MTD

QTD

YTD

BROAD INDEX PERFORMANCE1

Past performance is not indicative of future results. This material is provided for internal and educational purposes only and should not be construed as investment advice or an offer or solicitation to buy or sell securities. Source: 1 Morningstar (Net Flows as of previous Wed.),

-18.11 -25.37 -32.56

maintain their lifestyle despite the hit to their portfolio.

DEPRESSSION

Realization sets in that cutting fat isn't going to be enough; major life style changes will be required.

Investors redirect their energies to determining whether they can

ACCEPTANCE

Investors give up, viewing any sign of market strength as a sucker's rally.

Source: MarketWatch, Mark Hulbert



Definitions and Disclosures

The Nontraditional Bond category contains funds that pursue strategies divergent in one or more ways from conventional practice in the broader bond-fund universe. Multistrategy portfolios offer investors exposure to two or more alternative investment strategies, as defined by Morningstar's alternative category classifications, through either a single-manager or multi-manager approach. Macro Trading strategies, using either systematic or discretionary methods, look for investment opportunities by studying such factors as the global economy, government policies, interest rates, inflation, and market trends. Systematic Trend funds primarily trade liquid global futures, options, swaps, and foreign exchange contracts, both listed and over-the-counter. Commodities Broad-basket portfolios can invest in a diversified basket of commodity goods including but not limited to grains, minerals, metals, livestock, cotton, oils, sugar, coffee, and cocoa. Commodities Precious Metals can invest in precious metals such as gold, silver, platinum, and palladium. Energy Limited Partnership strategies invest a significant amount of their portfolio in energy master limited partnerships, also known as MLPs. Relative Value Arbitrage strategies seek out pricing discrepancies between pairs or combinations of securities regardless of asset class. Equity Market Neutral strategies attempt to profit from long and short stock selection decisions while minimizing systematic risk created by exposure to factors such as overall equity market beta, sectors, market-cap ranges, investment styles, or countries. Event-driven strategies attempt to profit when security prices change in response to certain corporate actions, such as bankruptcies, mergers and acquisitions, emergence from bankruptcy, shifts in corporate strategy, and other atypical events. Real Estate portfolios invest primarily in real estate investment trusts of various types. REITs are companies that develop and manage real estate properties. Convertible-bond portfolios are designed to offer some of the capital-appreciation potential of stock portfolios while also supplying some of the safety and yield of bond portfolios. Options trading strategies use a variety of options trades, including put writing, options spreads, options-based hedged equity, and collar strategies, among others. Derivative Income strategies primarily use an options overlay to generate income while maintaining significant exposure to equity market risk. Long-Short Equity funds hold sizeable stakes in both long and short positions in equities, exchange traded funds, and related derivatives. Infrastructure equity funds invest more than 60% of their assets in stocks of companies engaged in infrastructure activities. Industries considered to be part of the infrastructure sector include: oil & gas midstream; waste management; airports; integrated shipping; railroads; shipping & ports; trucking; engineering & construction; infrastructure operations; and the utilities sector.

The S&P 500 Index is considered generally representative of the US equity market. The MSCI World Index is considered generally representative of the market for developed market equities. The MSCI Emerging Markets Index is a free float adjusted market capitalization index cited as a measure of the performance of emerging market equities. The MSCI ACWI Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. The MSCI EAFE Index (Europe, Australasia, Far East) is a free float-adjusted market capitalization index that is designed to measure the equity market performance of developed markets, excluding the US & Canada. The Russell 3000 Index measures the performance of 3,000 publicly held US companies based on total market capitalization, which represents approximately 98% of the investable US equity market. The Russell 2000 Index measures the performance of the small-cap segment of the US equity universe and includes approximately 2000 of the smallest securities based on a combination of their market cap and current index membership. The Russell 1000 Index measures the performance of the large-cap segment of the US equity universe and includes approximately 1000 of the largest securities based on a combination of their market cap and current index membership. The Russell Midcap Index measures the performance of the mid-cap segment of the US equity universe and includes approximately 800 of the smallest securities based on a combination of their market cap and current index membership. The ICE BofA US High Yield Master II Index tracks the performance of US dollar denominated below investment grade rated corporate debt publicly issued in the US domestic market. The Bloomberg Capital US Aggregate Bond Index covers the US-denominated, investment-grade, fixed-rate, taxable bond market of SEC registered securities. The Bloomberg US Government/Credit Index is comprised of long-term government and investment-grade corporate debt securities and is generally considered representative of the performance of the broad US bond market. The Bloomberg US Corporate Bond Index measures the investment grade, fixed-rate, taxable corporate bond market. The ICE BofA Global 300 Cv Index (VG00) is a \$US/Local-denominated unmanaged index generally indicative of the overall global convertible market. The ICE BofA All US Convertibles Index (VXA0) is comprised of approximately 700 issues of only convertible bonds and preferreds of all qualities. Source ICE Data Indices, LLC, used with permission. ICE permits use of the ICE BofA Indices and related data on an 'as is' basis, makes no warranties regarding same, does not guarantee the suitability, guality, accuracy, timeliness, and/or completeness of the ICE BofA Indices or data included in, related to, or derived therefrom, assumes no liability in connection with the use of the foregoing and does not sponsor, endorse or recommend Calamos Advisors LLC or any of its products or services.

Oil - West Texas Intermediate (WTI - Cushing): A crude stream produced in Texas and southern Oklahoma which serves as a reference or "marker" for pricing a number of other crude streams and which is traded in the domestic spot market at Cushing, Oklahoma. Gasoline: Weighted average based on sampling of approximately 900 retail outlets, 8:00AM Monday. The price represents self-service unless only full-service is available and includes all taxes. Gold - Gold Fixings Price: The Fixings are an open process at which market participants can transact business on the basis of a single quoted price. Orders can be changed throughout the proceedings as the price is moved higher and lower until such time as buyers' and sellers' orders are satisfied and the price is said to be 'fixed'. Orders executed at the fixings are conducted as principal-to-principal transactions between the client and the dealer through whom the order is placed.

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