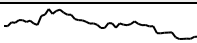
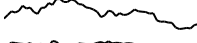





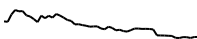





Crypto Leaderboard

Rank	Name	Ticker	Price	24h	7d	30d	24h Vol \$m	MC \$m	1-Year Chart
1	Bitcoin	BTC	\$23,620	4%	15%	18%	53,499	451,144	
2	Ethereum	ETH	\$1,628	9%	37%	55%	18,688	194,912	
3	Tether	USDT	\$1.00	0%	0%	0%	56,638	65,833	
4	USD Coin	USDC	\$1.00	0%	0%	0%	5,791	55,033	
5	BNB	BNB	\$269	4%	13%	25%	580	43,877	
6	Ripple	XRP	\$0.37	4%	10%	0%	26,542	17,788	
7	Binance	BUSD	\$1.00	0%	0%	14%	6,089	17,750	
8	Cardano	ADA	\$0.50	4%	14%	10%	816	17,066	
9	Solana	SOL	\$43.72	5%	18%	28%	1,294	15,116	
10	Dogecoin	DOGE	\$0.07	3%	13%	15%	356	9,388	

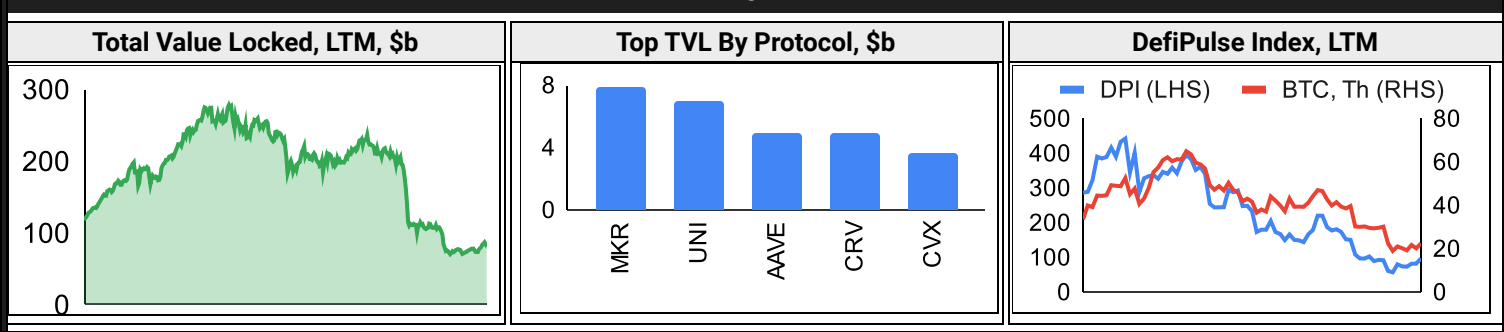
Top & Bottom Performers - Top 100 Tokens

24h		7 Days		30 Days		90 Days		365 Days	
CRV	22%	LDO	88%	USTC	381%	10SET	23%	SAND	180%
NEO	17%	ETC	76%	LDO	231%	USDN	2%	CVX	149%
APE	17%	APE	44%	CRV	118%	TRX	2%	NEAR	143%
CVX	16%	STETH	38%	QNT	100%	USDP	1%	AVAX	133%
USDT	0%	USDC	0%	XAUT	-6%	KLAY	-72%	GRT	-80%
USDP	0%	USDN	0%	LEO	-6%	DFI	-73%	FIL	-87%
CUSDC	0%	USDP	0%	PAXG	-7%	FXS	-77%	FLOW	-88%
DAI	0%	XCN	-1%	SNX	-40%	USTC	-96%	USTC	-96%

Category Performance

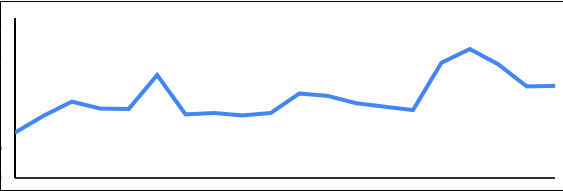
Category	1d	7d	30d	90d	365d	Ecosystem	1d	7d	30d	90d	365d
Meme	2%	28%	40%	-54%	214%	Polygon	3%	23%	37%	-48%	-29%
Smart Contract	3%	19%	25%	-56%	-35%	Gnosis Chain	3%	17%	31%	-57%	-54%
NFTs	3%	19%	31%	-58%	-7%	Polkadot	3%	15%	14%	-57%	-56%
DEX / B&L	2%	18%	32%	-53%	-53%	Cosmos	1%	15%	25%	-65%	-54%
Gaming	2%	15%	26%	-60%	41%	Avalanche	2%	11%	23%	-52%	-45%
DeFi	2%	14%	34%	-56%	-61%	BSC	2%	10%	13%	-52%	-50%
IoT	3%	14%	14%	-47%	20%	Solana	2%	10%	18%	-61%	-54%
DAOs	2%	13%	29%	-48%	-61%	Terra	0%	8%	36%	-92%	-95%
Privacy	3%	11%	18%	-52%	-55%						
CEXs	2%	11%	11%	-36%	18%						
Dist. Computing	2%	10%	12%	-55%	-58%						

DeFi

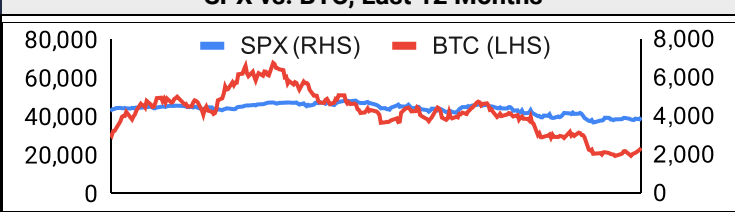


Trading Volume

Aggregate Volumes by Product, \$b					Top Derivatives Exchanges, \$m and bps					Top Spot Exchanges, \$m		
	1d	7d	30d	O/I	Exchange	1d Vol	O/I	Mkr	Tkr	Exchange	Score	1d Vol
Spot	37	287	1,030	n/a	Binance	53,715	18,947	2.0	4.0	Binance	9.9	15,236
Perpetuals	74	590	2,170	20	FTX	6,428	3,819	2.0	7.0	FTX	8.2	2,077
Futures	1	5	20	1	OKX	17,666	4,297	2.0	5.0	Coinbase	8.1	1,798
Options	0	0	0	0	KuCoin	3,792	1,475	2.0	6.0	Kraken	7.7	668

20 Day Volume - Top 100 Tokens, \$b					Top Volume, 1d, \$m		Top Volume, %20d Avg		Low Volume, %20d Avg	
					USDT	56,724	TUSD	241%	TFUEL	28%
					BTC	35,075	BIT	226%	XCN	29%
					ETH	19,889	CRV	213%	10SET	30%
					USDC	6,632	NEO	207%	XAUT	41%
					BUSD	6,166	ETC	198%	BCH	42%

Traditional Finance

Global Equity Markets*							SPX vs. BTC, Last 12 Months	
	US	USGrwth	UK	Germany	Japan	HK		
1D	1%	1%	0%	0%	1%	-1%		
7D	4%	5%	2%	5%	3%	0%		
90D	-7%	-7%	-9%	-14%	-5%	-1%		
365D	-8%	-16%	-8%	-33%	-19%	-21%		

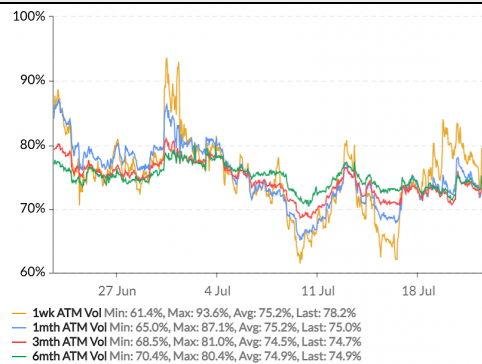
10-Year Treasury Yields							Commodities & FX					
	US	Brazil	UK	Germany	Japan	HK		WTI	Gas	Gold	EUR/USD	USD/JPY
Last	2.81%	13.65%	1.97%	1.04%	0.20%	2.75%	Last	95	8.1	1,725	1.02	136.7
1d Chg	-0.098	0	-0.076	-0.1825	-0.021	-0.056	1d % Chg	-0.97%	+2.21%	+0.69%	-0.35%	-0.50%

Crypto News

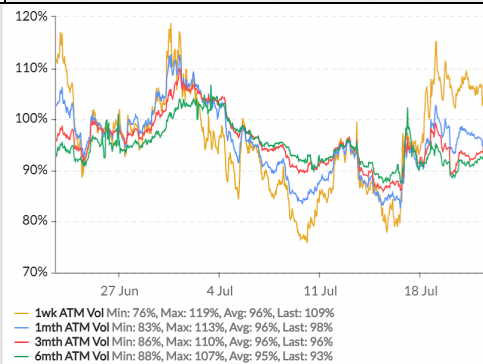
[Tesla Sold \\$936M of Bitcoin, Kept its Dogecoin Reserves - CNET](#)
[Bitcoin Miner Core Scientific Gets \\$100M Equity Financing Despite Bear Market - CoinDesk](#)
[Hashflow raises \\$25 million to support structured product launch - The Block](#)
[Curve Finance founder implies a stablecoin is on its way - The Block](#)
[Former Coinbase product manager arrested on insider trading charges - The Block](#)
[On-chain investment protocol Sommellerie debuts Cellar on Aave - The Block](#)
[Commentary on Tesla's Sale of Digital Assets - The Block](#)
[Square Enix launches Final Fantasy VII NFT collection with the help of Enjin - The Block](#)
[Prince Philip of Serbia calms rumors of Arab country Bitcoin adoption - Cointelegraph](#)
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[Blockchain's use in healthcare 'essential' to protect sensitive data: Zelis CTO - Cointelegraph](#)
[Epic Games 'definitely won't' follow Minecraft NFT ban - Cointelegraph](#)
[SEC listing 9 tokens as securities in insider trading case 'could have broad implications' — CFTC - Cointelegraph](#)
[Mercado Bitcoin plans to expand to Mexico - Cointelegraph](#)

Crypto Options

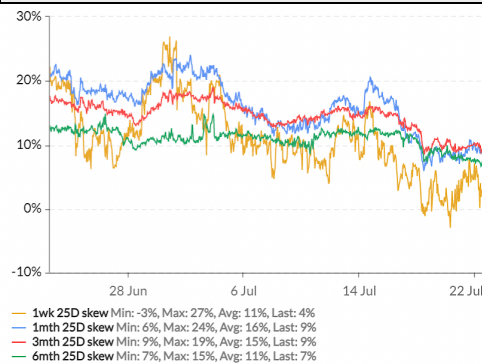
BTC ATM Implied Vol, 1m



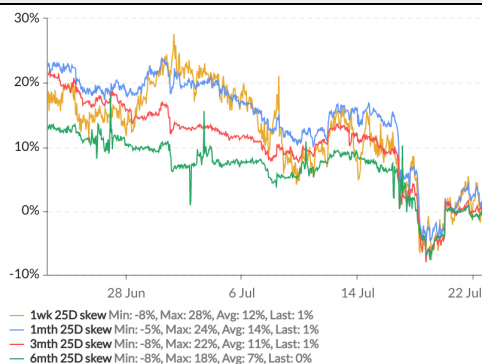
ETH ATM Implied Vol, 1m



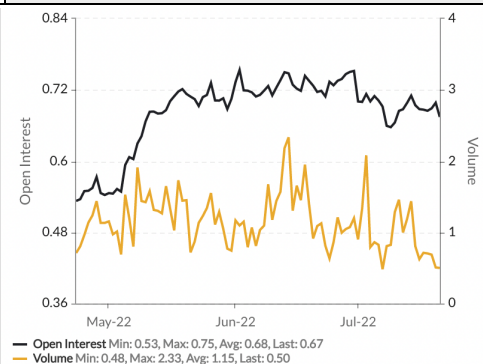
BTC 25d Skew, 1m



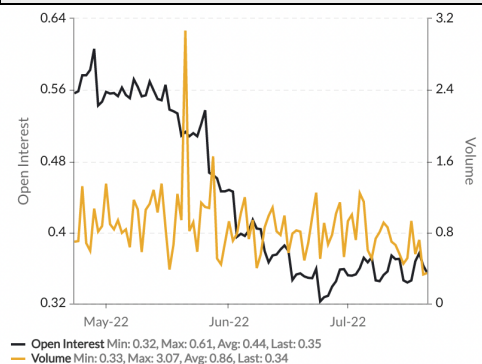
ETH 25d Skew, 1m



BTC Put/Call Ratios, 3m

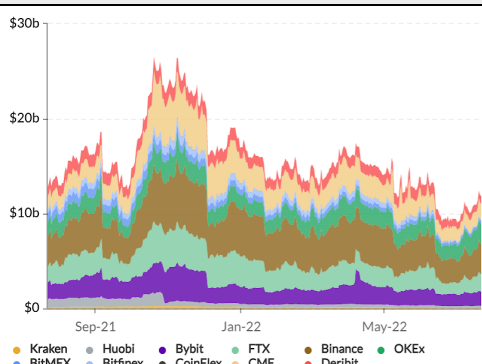


ETH Put/Call Ratios, 3m

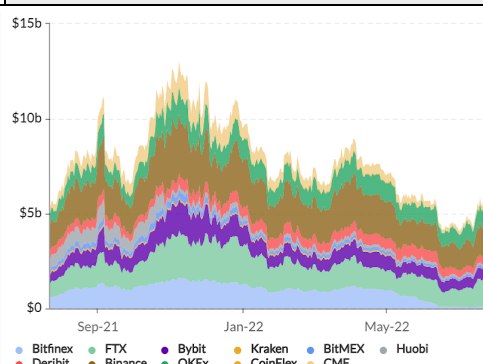


Crypto Futures

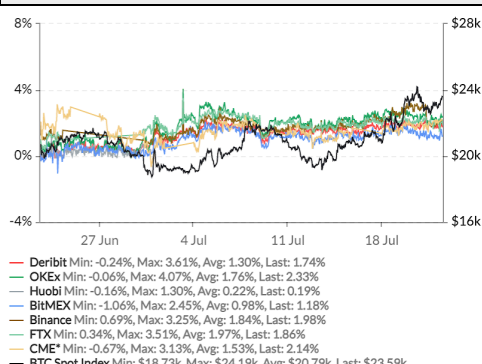
BTC Aggregate Open Interest, 1y



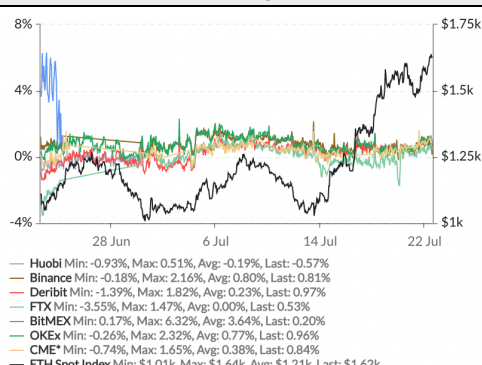
ETH Aggregate Open Interest, 1y



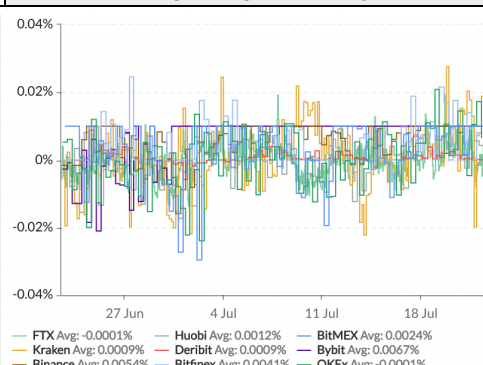
BTC Annlzd Rolling 3m Basis, 1m



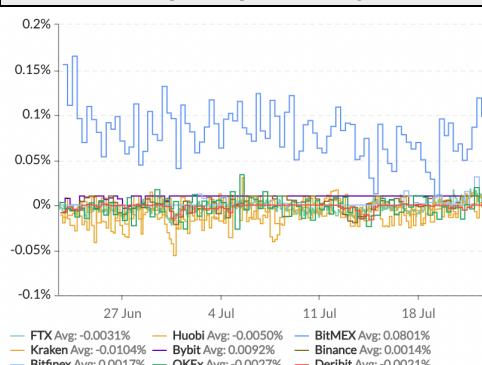
ETH Annlzd Rolling 3m Basis, 1m



BTC Perp Swaps Funding, 1m



ETH Perp Swaps Funding, 1m





Market Update - July 22, 2022

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GSR's experienced team brings together decades of institutional trading expertise, while our industry-leading proprietary technology stack anchors everything we do.

Our main service areas are: market making; proprietary and algorithmic trading; client execution; structured products; risk management solutions; and portfolio investments.

For more information or if we can help with anything, please see gsr.io or contact us at gsr@gsr.io.

Required Disclosures

*Based on price returns for the following ETFs: VOO, QQQ, EWU, EWG, EWJ, and EWH.

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		DefiLlama		