






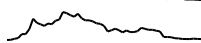
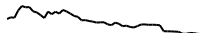



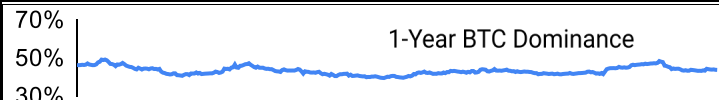
Crypto Leaderboard

Rank	Name	Ticker	Price	24h	7d	30d	24h Vol \$m	MC \$m	1-Year Chart
1	Bitcoin	BTC	\$19,776	4%	-4%	-11%	26,861	377,639	
2	Ethereum	ETH	\$1,085	6%	-9%	-11%	14,558	129,755	
3	Tether	USDT	\$1.00	0%	0%	0%	54,417	66,038	
4	USD Coin	USDC	\$1.00	0%	0%	0%	4,778	55,503	
5	BNB	BNB	\$229	6%	-4%	3%	1,127	37,426	
6	Binance	BUSD	\$1.00	0%	0%	0%	5,938	18,012	
7	Ripple	XRP	\$0.31	3%	-5%	-2%	1,130	15,221	
8	Cardano	ADA	\$0.42	3%	-9%	-13%	759	14,259	
9	Solana	SOL	\$33.94	6%	-9%	14%	1,177	11,726	
10	Dogecoin	DOGE	\$0.06	3%	-13%	8%	316	7,980	

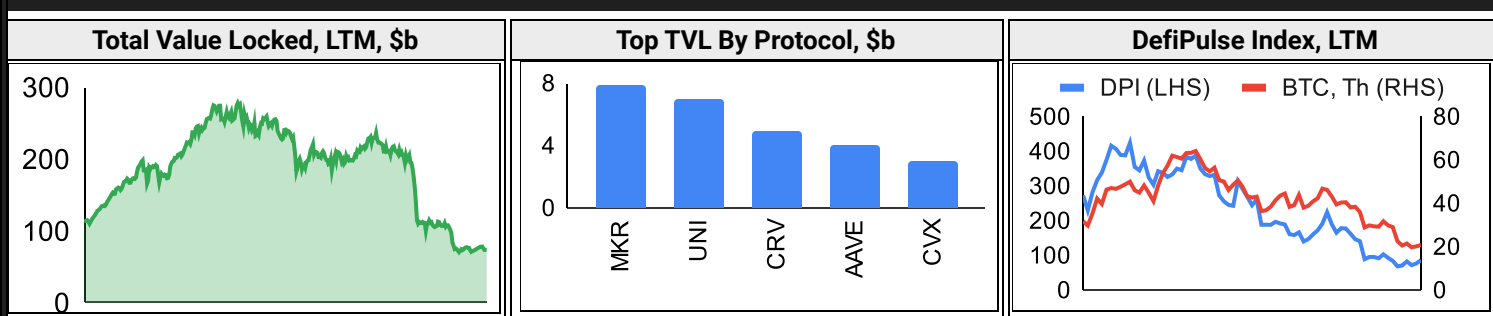
Top & Bottom Performers - Top 100 Tokens

24h		7 Days		30 Days		90 Days		365 Days	
MATIC	19%	QNT	42%	QNT	82%	TRX	6%	CVX	122%
UNI	16%	SRM	37%	UNI	61%	CDAI	0%	SAND	90%
AAVE	15%	LDO	26%	MATIC	52%	CUSDC	0%	LEO	82%
AR	15%	AAVE	25%	CVX	43%	USDN	0%	NEAR	64%
USDP	0%	BAT	-17%	BCH	-21%	DFI	-78%	TFUEL	-84%
PAXG	0%	MKR	-17%	HT	-21%	NEAR	-80%	GRT	-86%
XCN	-1%	EVMOS	-20%	KCS	-26%	FTM	-80%	FIL	-90%
LEO	-2%	10SET	-24%	DFI	-27%	CVX	-80%	FLOW	-92%

Category Performance

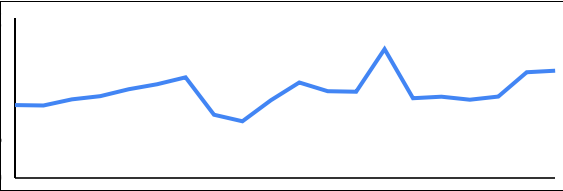
Category	1d	7d	30d	90d	365d	Ecosystem	1d	7d	30d	90d	365d
DAOs	-2%	4%	2%	-55%	-72%	BSC	0%	9%	1%	-55%	-58%
Privacy	-2%	3%	-15%	-56%	-64%	Gnosis Chain	2%	6%	-7%	-64%	-67%
DEX / B&L	-3%	2%	-6%	-60%	-72%	Avalanche	-2%	2%	-4%	-59%	-60%
IoT	-2%	1%	-4%	-53%	-1%	Polygon	-2%	2%	-3%	-59%	-46%
DeFi	-2%	1%	-2%	-62%	-74%	Solana	-2%	1%	-6%	-64%	-64%
Dist. Computing	-1%	-1%	-12%	-63%	-69%	Cosmos	-1%	0%	-9%	-71%	-69%
Smart Contract	-2%	-2%	-8%	-65%	-53%	Polkadot	-2%	-2%	-10%	-63%	-67%
Meme	-2%	-2%	-1%	-63%	131%	Terra	-2%	-11%	11%	-94%	-96%
CEXs	-1%	-2%	-17%	-42%	-1%						
NFTs	-3%	-3%	-2%	-63%	-25%						
Gaming	-3%	-4%	-2%	-65%	14%						

DeFi

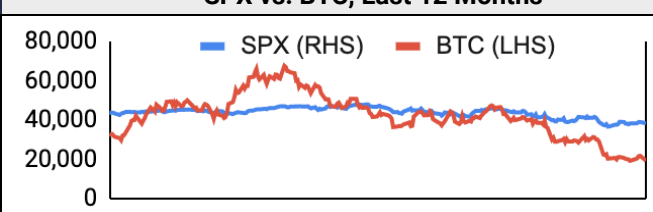


Trading Volume

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	31	184	958	n/a	Binance	51,847	18,231	2.0	4.0	Binance	9.9	15,403
Perpetuals	66	357	2,040	16	FTX	6,642	3,036	2.0	7.0	FTX	8.3	2,376
Futures	1	3	23	1	OKX	14,859	3,689	2.0	5.0	Coinbase	8.1	1,573
Options	0	0	0	0	KuCoin	3,988	1,281	2.0	6.0	Kraken	7.8	595

20 Day Volume - Top 100 Tokens, \$b					Top Volume, 1d, \$m		Top Volume, %20d Avg		Low Volume, %20d Avg	
					USDT	53,846	LDO	411%	USDP	9%
					BTC	34,466	UNI	226%	10SET	32%
					ETH	16,480	HBTC	207%	XAUT	35%
					BUSD	6,218	AAVE	205%	XEC	37%
					USDC	5,437	MATIC	195%	STX	45%

Traditional Finance

Global Equity Markets*							SPX vs. BTC, Last 12 Months	
	US	USGrwth	UK	Germany	Japan	HK		
1D	0%	0%	0%	0%	-1%	0%		
7D	-4%	-5%	-5%	-5%	-3%	-3%		
90D	-15%	-17%	-17%	-22%	-10%	-3%		
365D	-15%	-23%	-14%	-39%	-25%	-20%		

10-Year Treasury Yields							Commodities & FX					
	US	Brazil	UK	Germany	Japan	HK		WTI	Gas	Gold	EUR/USD	USD/JPY
Last	3.00%	13.20%	2.12%	1.21%	0.23%	2.97%	Last	91	6.7	1,699	1.00	139.2
1d Chg	+0.092	0	+0.0600	+0.0575	-0.007	-0.057	1d % Chg	-5.18%	+0.87%	-2.13%	-1.00%	+1.31%

Crypto News

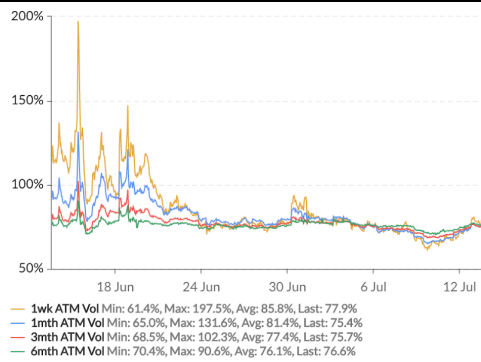
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[Bitpanda launches Metaverse, DeFi-themed crypto investment indices - The Block](#)
[Crypto lender Celsius declares Chapter 11 bankruptcy in New York - The Block](#)
[Judge reaffirms that SEC must produce materials related to Hinman speech in Ripple case - The Block](#)
[Celsius has now paid off more than \\$800 million of debt to DeFi apps - The Block](#)
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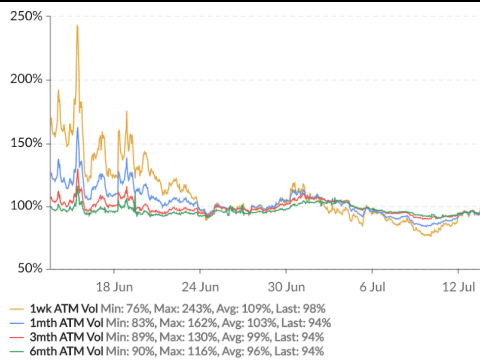
Market Update – July 14, 2022

Crypto Options

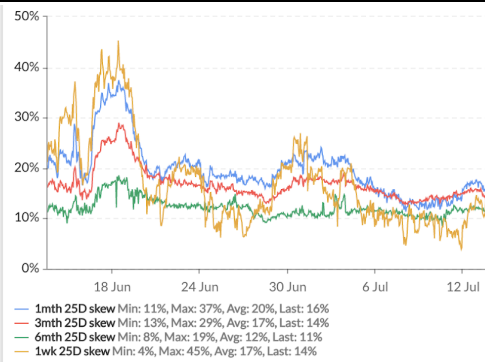
BTC ATM Implied Vol, 1m



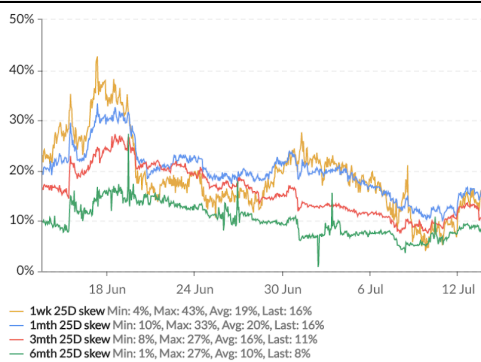
ETH ATM Implied Vol, 1m



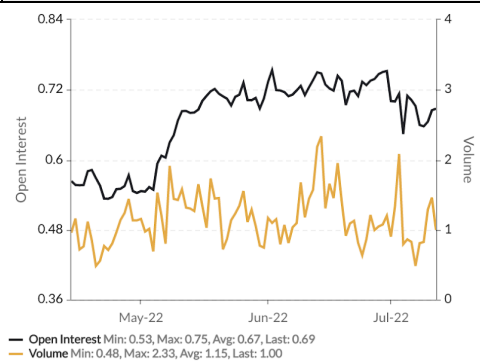
BTC 25d Skew, 1m



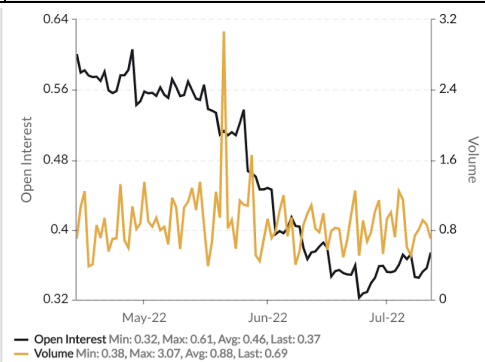
ETH 25d Skew, 1m



BTC Put/Call Ratios, 3m

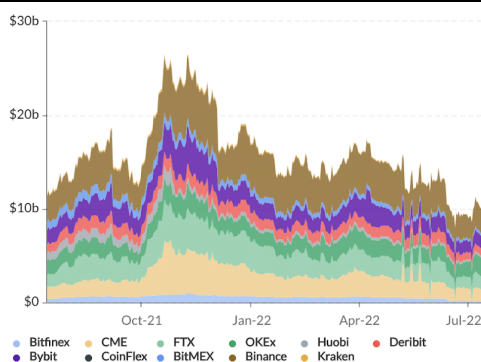


ETH Put/Call Ratios, 3m

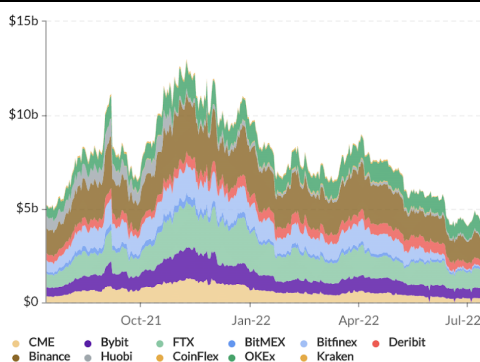


Crypto Futures

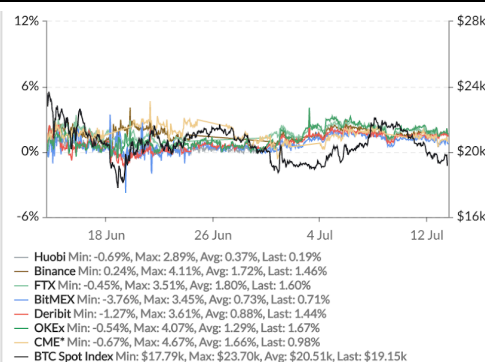
BTC Aggregate Open Interest, 1y



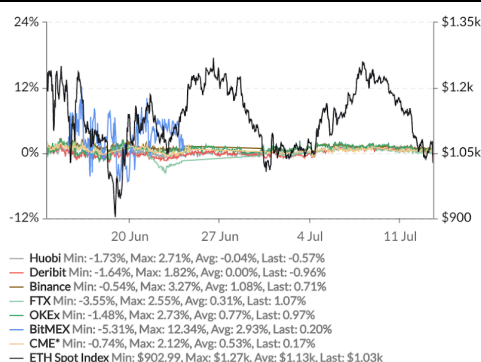
ETH Aggregate Open Interest, 1y



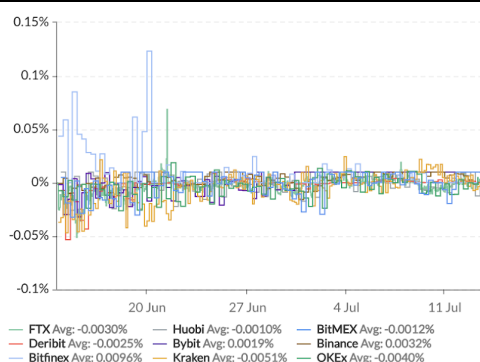
BTC Annlzd Rolling 3m Basis, 1m



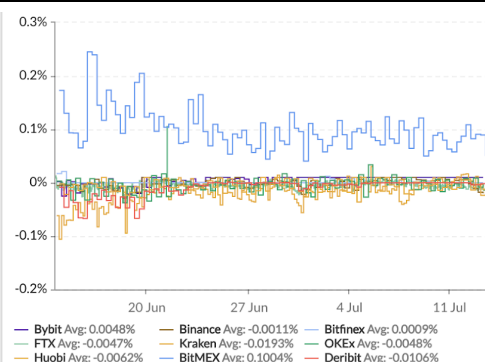
ETH Annlzd Rolling 3m Basis, 1m



BTC Perp Swaps Funding, 1m



ETH Perp Swaps Funding, 1m





Market Update - July 14, 2022

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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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