



WEEKLY

Crypto Market Overview

July 3rd - July 10th 2022

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July 6th 2022

Ethereum performed the merge on Sepolia.

- The Sepolia testnet is Ethereum's second of three test environments that runs through the merge process for Ethereum. Sepolia successfully transitioned to proof-of-stake without major bugs once the network's Terminal Total Difficulty (TTD) reached 17 quadrillion units.¹
- Last week, Ethereum rolled out a new hard fork update called "Gray Glacier".²
- As the Ethereum 2.0 merge has yet to complete, Gray Glacier gives the network more time on the current proof-of-work network by temporarily decreasing the difficulty of mining Ethereum until the 2.0 merge in September.³
- Ethereum's beacon chain has more than 13 million ETH deposited. ⁴ This supports confidence for the merge despite the bear market.

Protocol

July 8th 2022

Crypto bear market insolvencies and liquidations continued.⁵

- Previously, Three Arrows Capital (3AC) has defaulted on multiple loans from third parties including Voyager, Deribit, Genesis, and BlockFi.⁶
- Crypto exchange Blockchain.com was the next victim as 3AC defaulted on a \$270 million loan.⁷
- On the same day, Tether, the institution behind the largest crypto stablecoin USDT, completely liquidated a 130% overcollateralized loan that it issued to Celsius.⁸
- This loan represented only a small part of Tether's shareholder equity, thus the liquidation is expected to have a minimal market impact.⁹

Industry

July 8th 2022

DeFi protocols getting into stablecoins.¹⁰

- Aave Companies, the group behind the Aave lending protocol, proposed a governance poll to introduce a new stablecoin called GHO.¹¹
- It intends for GHO to be able to be borrowed in the same way as other tokens on the platform.¹²
- Unlike USDT or USDC, larger stablecoins that are backed by fiat assets, GHO will be collateral-backed by other crypto assets decided by the AaveDAO and pegged to the US dollar. It is unclear yet whether this strategy will be able to successfully function.¹³
- Another crypto lending protocol MakerDAO also intends to open a "Maker Vault" with the Huntington Valley Bank, supplying \$100 million in Maker's native stablecoin "DAI" for the bank to borrow given collateral. This will introduce real-world asset revenues for the protocol.¹⁴

Protocol

Equity market was up, U.S. 10-year Treasury yield at 3.0803%, broad commodities were down, cryptocurrencies stabilized.¹⁵

Crypto total market capitalization at \$956.24 billion.¹⁶

Top 100 coins dominate 97.73% of the crypto market.¹⁷

BTC's market dominance stands at 43.2% while ETH's stands at 15.37%.¹⁸

Sector dominance remain within 1% change.¹⁹



How does GHO work?

[Answer](#)



What is a hard fork?

[Answer](#)



What happened in stETH's depeg?

[Answer](#)

General Market Movement

CRYPTO VS. TRADITIONAL MARKETS



		Returns				Annualized Volatility		
		1W	1M	3M	1Y	1M	3M	1Y
Equity								
	S&P 500 Index	1.94%	-5.26%	-13.12%	-10.76%	22.61%	23.35%	16.43%
	NASDAQ 100 Index	4.66%	-3.88%	-15.37%	-18.21%	28.80%	30.98%	22.52%
	Dow Jones Industrial Average	0.77%	-4.78%	-9.74%	-11.12%	18.36%	18.94%	9.66%
Fixed Income								
	Bloomberg US Agg Total Return	-0.87%	-0.82%	-2.93%	-10.93%	8.02%	6.43%	4.81%
	Bloomberg Short Treasury	-0.01%	-0.07%	0.01%	-0.14%	0.38%	0.24%	0.15%
	Bloomberg US Intermediate Treasury	-0.80%	-0.29%	-0.85%	-6.96%	5.49%	4.24%	3.14%
	Bloomberg US Long Treasury	-2.23%	-1.15%	-8.75%	-21.06%	17.11%	15.44%	13.41%
Commodity								
	Bloomberg Commodity Index	-1.00%	-14.68%	-8.03%	24.49%	25.98%	21.66%	17.88%
	Energy	-2.43%	-19.31%	5.71%	66.21%	47.72%	40.19%	33.86%
	Precious Metals	-3.01%	-7.70%	-13.57%	-10.14%	13.04%	12.89%	13.76%
	Industrial Metals	-0.59%	-19.65%	-28.99%	-3.55%	21.98%	20.38%	22.24%
	Agriculture	1.59%	-11.78%	-10.50%	24.77%	26.13%	19.62%	16.88%
Crypto								
	Bitcoin	1.71%	-27.60%	-48.71%	-39.99%	85.18%	74.17%	68.34%
	Ether	-0.06%	-24.96%	-62.06%	-46.31%	115.48%	94.00%	84.19%
	S&P Cryptocurrency Broad Digital Market Index	12.26%	-25.71%	-55.75%	-42.65%	75.94%	66.33%	59.32%
	DeFi Pulse Index	15.72%	-8.89%	-56.49%	-73.08%	107.69%	99.91%	84.35%
	Metaverse Index	8.65%	-21.11%	-71.08%	-27.84%	100.45%	107.55%	108.70%

General Market Movement

CORRELATION OF ASSET CLASSES



	S&P 500 Index	Nasdaq 100 Index	Bloomberg US Agg Total Return	Bloomberg Short Treasury	Bloomberg US Intermediate Treasury	Bloomberg US Long Treasury	Bloomberg Commodity Index	Energy	Precious Metals	Industrial Metals	Agriculture	Bitcoin	Ether	S&P Crypto Broad Digital Index	DeFi Pulse Index	Metaverse Index
S&P 500 Index	1.00															
Nasdaq 100 Index	0.88	1.00														
Bloomberg US Agg Total Return	0.01	0.09	1.00													
Bloomberg Short Treasury	0.12	0.09	0.61	1.00												
Bloomberg US Intermediate Treasury	-0.04	0.03	0.95	0.69	1.00											
Bloomberg US Long Treasury	-0.13	-0.04	0.93	0.40	0.81	1.00										
Bloomberg Commodity Index	0.11	0.02	-0.05	0.09	-0.03	-0.13	1.00									
Energy	0.13	0.05	-0.08	0.08	-0.06	-0.16	0.89	1.00								
Precious Metals	-0.02	-0.05	0.18	0.12	0.20	0.15	0.54	0.32	1.00							
Industrial Metals	0.10	0.06	-0.03	0.05	-0.04	-0.06	0.60	0.36	0.39	1.00						
Agriculture	0.02	-0.04	-0.04	0.03	-0.01	-0.08	0.71	0.41	0.39	0.39	1.00					
Bitcoin	0.33	0.39	0.04	0.07	0.01	-0.02	0.14	0.09	0.04	0.18	0.12	1.00				
Ether	0.35	0.39	0.03	0.05	0.00	-0.03	0.13	0.09	0.06	0.15	0.10	0.84	1.00			
S&P Cryptocurrency Broad Digital Index	0.41	0.46	0.04	0.09	0.01	-0.03	0.15	0.09	0.07	0.20	0.11	0.75	0.73	1.00		
DeFi Pulse Index	0.22	0.17	-0.01	0.06	-0.03	-0.05	0.02	0.03	-0.01	0.02	0.01	0.13	0.15	0.13	1.00	
Metaverse Index	0.18	0.16	-0.01	0.06	0.00	-0.05	0.02	0.01	0.01	0.02	0.03	0.14	0.15	0.15	0.73	1.00

CORRELATION OF TOP 10 CRYPTOCURRENCIES

	Bitcoin	Ethererum	BNB	XRP	Cardano	Solana	Dogecoin	Polkadot	TRON	Shiba Inu
Bitcoin	1.00									
Ethereum	0.87	1.00								
BNB	0.79	0.84	1.00							
XRP	0.72	0.75	0.74	1.00						
Cardano	0.71	0.73	0.72	0.74	1.00					
Solana	0.60	0.69	0.63	0.58	0.63	1.00				
Dogecoin	0.69	0.73	0.70	0.69	0.65	0.55	1.00			
Polkadot	0.73	0.78	0.78	0.73	0.73	0.67	0.64	1.00		
TRON	0.64	0.66	0.66	0.67	0.63	0.50	0.59	0.67	1.00	
Shiba Inu	0.46	0.43	0.43	0.37	0.35	0.27	0.47	0.40	0.33	1.00

	Market Cap (USD)	Market Dominance	Number of Coins
Payments	591,587,466,708.66	64.91%	23
Infrastructure	223,455,895,916.06	24.52%	41
Financial	60,165,216,453.65	6.60%	20
Media and Entertainment	7,386,241,343.51	0.81%	8
Others	8,038,867,164.62	0.88%	8
Sum	890,633,687,586	97.73%	100

Sector and Token Movement

TOP & BOTTOM PERFORMERS OF TOP 100 CRYPTOCURRENCIES BY MARKET CAP



	Symbol	Name	Market Dominance Rank	Market Dominance	Return					Annualized Volatility		
					1D	1W	1M	3M	1Y	1M	3M	1Y
Top 10	QNT	Quant Network	48	0.1%	-5.3%	27.7%	40.6%	-33.5%	-2.4%	134.7%	115.1%	130.7%
	CVX	Convex Finance	82	0.04%	-6.6%	26.7%	5.2%	-79.8%	86.7%	197.5%	168.4%	195.2%
	AAVE	Aave	44	0.12%	-0.9%	22.7%	0.4%	-53.0%	-74.6%	158.5%	148.7%	124.6%
	UNI	Uniswap	18	0.5%	0.2%	15.7%	40.8%	-33.8%	-70.2%	140.5%	129.8%	110.4%
	ICP	Internet Computer	33	0.17%	-2.5%	13.8%	6.5%	-61.7%	-84.0%	103.1%	150.0%	131.9%
	ONE	Harmony	99	0.03%	-6.4%	13.4%	-33.9%	-82.1%	-73.6%	136.7%	147.4%	145.4%
	MATIC	Polygon	19	0.49%	-2.3%	12.2%	2.0%	-60.5%	-47.2%	154.6%	136.9%	126.7%
	KCS	KuCoin	49	0.1%	0.0%	11.8%	-39.4%	-48.5%	-27.3%	102.1%	110.8%	132.9%
	IOTX	IoTeX	93	0.03%	-3.3%	9.8%	-4.9%	-60.6%	55.7%	201.9%	206.4%	242.9%
	DFI	DeFiChain	67	0.06%	-3.7%	9.4%	-46.3%	-71.5%	-55.1%	115.2%	96.4%	90.5%
Bottom 10	GALA	Gala	83	0.04%	-2.6%	-5.8%	-17.1%	-74.2%	507.9%	116.7%	169.7%	280.1%
	DOT	Polkadot	12	0.73%	-3.8%	-5.8%	-16.0%	-62.1%	-56.5%	109.7%	124.5%	113.2%
	THETA	Theta Network	41	0.13%	-4.2%	-6.1%	-3.3%	-62.0%	-80.2%	114.4%	133.7%	125.1%
	SAND	The Sandbox	36	0.16%	-4.1%	-6.1%	4.9%	-59.4%	130.5%	142.1%	140.2%	172.6%
	HOT	Holo	86	0.04%	-5.7%	-6.8%	-8.5%	-60.3%	-65.5%	177.1%	141.9%	127.3%
	MANA	Decentraland	34	0.17%	-4.5%	-6.9%	2.8%	-61.0%	13.1%	109.5%	169.9%	214.5%
	WAVES	Waves	65	0.06%	-4.9%	-9.7%	-22.0%	-77.6%	-65.3%	199.0%	223.2%	180.4%
	LUNC	Terra Luna Classic	56	0.08%	-3.7%	-15.6%	54.9%	-100.0%	-100.0%	263.2%	720.5%	382.4%
	SNX	Synthetix Network Token	97	0.03%	-4.3%	-16.7%	3.2%	-52.0%	0.0%	258.1%	207.5%	179.6%
	UST	TerraUSD	71	0.05%	-7.1%	-21.8%	472.8%	-95.0%	-95.0%	563.8%	442.5%	224.2%

Sector and Token Movement

TOKEN MARKET DOMINANCE & CHANGE OF TOP 100 CRYPTOCURRENCIES BY MARKET CAP



								Return				Annualized Volatility		
		Symbol	Name	Price (USD)	Market Cap Rank	Market Cap Dominance	Market Cap (USD)	1W	1M	3M	1Y	1M	3M	1Y
Payments	Currency	BTC	Bitcoin	20606.52	1	43.2%	393,691,645,206	1.71%	-27.60%	-48.71%	-39.99%	85.18%	74.17%	68.34%
		XRP	XRP	0.32	7	1.72%	15,693,651,336	-1.07%	-9.67%	-54.60%	-48.96%	81.28%	89.11%	92.11%
		DOGE	Dogecoin	0.07	10	0.96%	8,766,936,309	-4.60%	-5.36%	-52.13%	-69.40%	125.31%	115.66%	103.68%
	Stablecoin	USDT	Tether	1.00	3	7.24%	65,942,962,574	0.05%	0.01%	-0.08%	-0.06%	0.79%	1.43%	9.43%
		USDC	USD Coin	1.00	4	6.09%	55,546,939,563	-0.01%	-0.03%	-0.06%	0.07%	4.33%	3.81%	5.65%
		BUSD	Binance USD	1.00	6	1.93%	17,547,224,379	0.03%	-0.01%	-0.03%	0.01%	11.81%	7.00%	6.77%
Financials	DEX	UNI	Uniswap	6.20	18	0.5%	4,540,319,734	15.68%	40.75%	-33.81%	-70.17%	140.52%	129.79%	110.44%
		RUNE	THORChain	2.21	55	0.08%	731,305,772	2.18%	-10.66%	-71.80%	-64.88%	169.15%	171.89%	161.47%
		DFI	DeFiChain	1.00	67	0.06%	509,508,702	9.36%	-46.28%	-71.53%	-55.13%	115.22%	96.40%	90.47%
	Lending	AAVE	Aave	77.24	44	0.12%	1,075,628,152	22.72%	0.38%	-53.00%	-74.63%	158.53%	148.65%	124.62%
		MKR	Maker	931.37	50	0.1%	910,673,058	-1.31%	-6.08%	-49.91%	-65.23%	133.05%	122.36%	99.70%
		COMP	Compound	53.74	79	0.04%	385,183,433	8.12%	17.20%	-58.65%	-87.77%	163.53%	151.14%	117.90%
	Centralized Exchanges	LEO	Unus Sed Leo	5.61	15	0.59%	5,355,636,696	-1.93%	2.24%	-1.49%	93.29%	43.76%	55.97%	87.28%
		FTT	FTX Token	25.49	21	0.38%	3,453,870,479	-1.65%	-7.10%	-39.07%	-17.78%	95.44%	85.07%	100.12%
KCS		KuCoin	9.38	49	0.1%	923,228,852	11.81%	-39.40%	-48.54%	-27.27%	102.10%	110.77%	132.93%	
Infrastructure	Smart Contract Platform	ETH	Ethereum	1151.84	2	15.37%	140,038,122,289	-0.06%	-24.96%	-62.06%	-46.31%	115.48%	94.00%	84.19%
		ADA	Cardano	0.45	8	1.68%	15,274,679,144	-3.92%	-18.58%	-52.81%	-66.58%	90.95%	120.18%	102.05%
		SOL	Solana	35.73	9	1.35%	12,343,555,846	-2.88%	5.08%	-65.50%	10.71%	128.95%	131.01%	121.04%
	Scaling	MATIC	Polygon	0.56	19	0.49%	4,460,989,978	12.16%	2.03%	-60.50%	-47.18%	154.57%	136.90%	126.70%
	File Storage	FIL	Filecoin	5.39	39	0.14%	1,251,585,802	-3.38%	-12.15%	-72.45%	-90.27%	91.25%	116.21%	109.09%
		AR	Arweave	11.85	77	0.04%	396,536,221	-2.05%	6.86%	-62.60%	4.97%	139.60%	143.26%	168.14%
		STORJ	Storj	0.68	98	0.03%	269,329,055	2.33%	44.81%	-34.80%	-28.14%	249.67%	211.84%	153.98%
	Data Storage	LINK	Chainlink	6.18	23	0.32%	2,887,422,955	-4.67%	-12.86%	-56.18%	-66.65%	124.94%	122.24%	108.78%
		GRT	The Graph	0.10	57	0.07%	680,995,698	0.15%	-20.30%	-73.72%	-86.24%	99.35%	148.62%	125.80%
	IoT	HNT	Helium	9.15	43	0.12%	1,113,188,075	-3.39%	-1.02%	-55.74%	-28.72%	149.09%	154.41%	131.58%
MIOTA		IOTA	0.29	52	0.09%	800,713,789	3.28%	-4.04%	-56.75%	-65.32%	93.08%	111.26%	116.13%	
IOTX		IoTeX	0.03	93	0.03%	283,317,182	9.83%	-4.93%	-60.56%	55.68%	201.90%	206.43%	242.91%	
Media and Entertainment	Metaverse	MANA	Decentraland	0.84	34	0.17%	1,558,087,915	-6.90%	2.84%	-60.96%	13.07%	109.54%	169.88%	214.50%
	Gaming	SAND	The Sandbox	1.13	36	0.16%	1,421,678,215	-6.12%	4.86%	-59.44%	130.49%	142.12%	140.18%	172.57%
		AXS	Axie Infinity	14.19	42	0.13%	1,171,523,061	-4.81%	-13.15%	-70.07%	-25.19%	122.80%	139.97%	166.68%
		ENJ	Enjin Coin	0.51	73	0.05%	458,576,568	-0.84%	-4.53%	-66.98%	-62.64%	111.28%	126.04%	127.57%
	Content Creation and Distribution	THETA	Theta Network	1.18	41	0.13%	1,181,521,077	-6.05%	-3.25%	-61.98%	-80.20%	114.43%	133.66%	125.05%
Advertisement	BAT	Basic Attention Token	0.40	63	0.06%	591,744,211	-3.03%	17.67%	-45.35%	-30.14%	135.95%	123.82%	129.06%	

Cross River is a comprehensive technology infrastructure provider offering core banking services, built with modular APIs. We are incorporating fiat and crypto seamlessly in a regulatory compliant and safe way with direct connection to traditional payment rails.

Crypto Solutions

Fiat On/Off Ramps

Move fiat funds via ACH or Wire before conversion into crypto

Crypto Collateralized Lending

Borrow dollars against digital assets for you and your customers

Custody, Buy, Sell (Under Development)

Buy, sell, or hold with support for digital assets in a turnkey and compliant solution

FOOTNOTES

- ¹ <https://www.coindesk.com/tech/2022/07/06/ethereums-sepolia-testnet-successfully-transitions-to-proof-of-stake/>
- ² <https://decrypt.co/104065/gray-glacier-upgrade-goes-live-ethereum-network>
- ³ <https://fortune.com/2022/06/30/ethereum-gray-glacier-difficulty-bomb-merge-ether/>
- ⁴ <https://news.bitcoin.com/ethereum-devs-delay-difficulty-bomb-eth-2-0-contract-surpasses-13-million-ether-deposits/>
- ⁵ <https://www.theblock.co/post/156585/blockchain-com-stands-to-lose-270-million-on-three-arrows-capital-loans>
- ⁶ <https://www.coindesk.com/business/2022/07/06/genesis-confirms-3ac-exposure-dcg-assistance/> , <https://www.coindesk.com/business/2022/06/16/blockfi-liquidated-three-arrows-capital-report/>
- ⁷ <https://www.theblock.co/post/156585/blockchain-com-stands-to-lose-270-million-on-three-arrows-capital-loans>
- ⁸ <https://news.bitcoin.com/tether-liquidates-celsius-bitcoin-loan-position-liquidated-no-losses/>
- ⁹ <https://www.theblock.co/post/156572/tether-says-it-liquidated-celsius-loan-without-incurring-any-loss>
- ¹⁰ <https://www.theblock.co/post/156301/makerdao-approves-100-million-stablecoin-loan-vault-for-151-year-old-us-bank> , <https://www.theblock.co/post/156348/defi-protocol-aave-proposes-creation-of-stablecoin-called-gho>
- ¹¹ Ibid.
- ¹² <https://dailyhodl.com/2022/07/08/defi-giant-aave-unveils-plans-for-new-decentralized-stablecoin-based-on-ethereum-eth/>
- ¹³ <https://www.protocol.com/bulletins/aave-gho-stablecoin>
- ¹⁴ <https://www.theblock.co/post/156301/makerdao-approves-100-million-stablecoin-loan-vault-for-151-year-old-us-bank>
- ¹⁵ See Crypto vs. Traditional Markets table. As of 7/10/2022.
- ¹⁶ <https://coinmarketcap.com/charts/>
- ¹⁷ See Sector Performance of Top 100 Cryptocurrencies by Market Cap table.
- ¹⁸ Source: Messari, as of 7/10/2022.
- ¹⁹ See Sector Performance of Top 100 Cryptocurrencies by Market Cap.

DATA TABLE SOURCES

Crypto vs. Traditional Markets

Data Source: Bloomberg, [CoinGecko](#), Messari 7/10/2021 to 7/10/2022. Cross River Bank and its affiliates do not provide tax, legal or accounting advice. This material has been prepared for informational purposes only, and is not intended to provide, and should not be relied on for, tax, legal or accounting advice. You should consult your own tax, legal and accounting advisors before engaging in any transaction.

Correlation of Asset Classes

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Correlation of Top 10 Cryptocurrencies (Ex-Stablecoins)

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Sector Performance of Top 100 Cryptocurrencies by Market Cap

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Top & Bottom Performers of Top 100 Cryptocurrencies by Market Cap

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Sector Analysis of Top 100 Cryptocurrencies by Market Cap

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