

Cryptocurrency Trading Update

B

Bitvo.com

March 11, 2019

Bitcoin (BTC)

C\$5,237 (US\$3,905)

March 11, 12:40 pm

Shane Thomson, CFA
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■ General Cryptocurrency News:

- Fidelity Digital Assets brought its digital asset trading and custody solutions services live with a select group of clients last week.
- Invesco is partnering with London-based Elwood Asset management, an investment firm specializing in digital assets, to launch a blockchain exchange-traded fund (ETF) today on the London Stock Exchange. The product is called the "Invesco Elwood Global Blockchain UCITS ETF".
- Online banking and trading group Swissquote announced it is launching a crypto custody service later this month. The custody solution, which will be available to retail and institutional customers, offers a proprietary solution for managing cryptocurrency private keys.
- Facebook is expanding its blockchain-related staff with its career website now listing 20 job openings as it also contemplates a token that will be used across the company's media platforms including Facebook, Instagram and WhatsApp.
- According to research from tech conglomerate Cisco, college campuses are the second-largest crypto miners across industry verticals. The researchers investigated crypto mining activities across a variety of industries, finding that university campuses are ranked the second-biggest miners of digital currency at 22 percent, with the energy and utilities sector in first at around 34 percent.

■ BTC News:

- An unconfirmed report regarding Starbucks' partnership with digital asset platform Bakkt revealed that the company will allegedly accept BTC as payment. Starbucks is a founding partner in Bakkt, but initially denied rumors that it would accept BTC for payment. Now, an unnamed source has said that the chain will accept BTC through Bakkt's software, but it will instantly convert the crypto into fiat, so that Starbucks will never actually hold any cryptocurrency.
- Jack Dorsey, the CEO of both Twitter and Square, hinted in a podcast interview last week that he has been spending \$10,000 per week on BTC.

■ Trading History YTD:

- So far 2019 has seen sharp price movements, both up and down, broken up by periods of stability as the price of BTC tries to find direction. Almost two and a half months into the year, the price of BTC is slightly higher than where it started on January 1st.

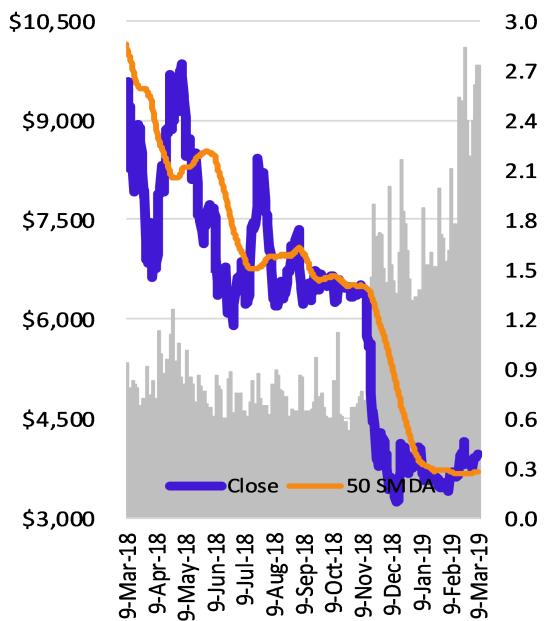
■ Current Environment:

- Last week was a positive week for BTC as its price was stable to higher for most of the week.
- Volumes were higher week-over-week, averaging 2.5 million coins per day.

Technical Trading Score*:	LOG IN TO VIEW
Date Of Inception:	2009
Primary Use:	CURRENCY
Coins Outstanding:	17mm
Maximum Coins:	21 mm
POW or POS:	WORK
Current Mining Fee (USD):	~\$0.170
Website:	https://bitcoin.org

Coin Profile

Bitcoin is a decentralized coin enabling revolutionary means to exchange value across the globe. It continues to be the biggest and most influential coin, encouraging peer-to-peer payment networks powered by its users with no central or middle authority.



All figures in USD\$, unless otherwise specified

Technical Scoring

Please log in to your Bitvo account for real time Technical Analysis Scores and other technical trading indicators.

Crypto Market	Overall Technical Score	Short Term	Medium Term	Long Term
 Bitcoin	 Relatively Favourable	 Available! Bitvo.com	 Available! Bitvo.com	 Available! Bitvo.com

In the image above, a Bull represents relatively favourable technical analysis indicators and a Bear represents relatively unfavourable technical analysis indicators.

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Ether (ETH)

C\$180 (US\$134)

March 11, 12:40 pm

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■ ETH News:

- Ethereum has the most developers working on its base protocol of all cryptocurrencies, not counting community project developers, according to a report by crypto asset management firm Electric Capital. According to the report, the company fingerprinted over 20,000 code repositories and 16 million commits to obtain data, which reveals that on average 216 developers contribute code to ETH repositories every month versus Bitcoin's 50 developers each month.
- Vitalik Buterin, the creator of the Ethereum blockchain project, has proposed increasing user fees on the network for the purposes of supporting developers with sustainable funding.
- Emaar, a large real estate company based in Dubai, has stated they will launch a token on the Ethereum blockchain. The token will be used for referral and loyalty programs offered by Emaar.
- Over 80 percent of the total circulating supply of ETH is held by 7,572 addresses, claims a report released by digital asset research company Delphi Digital.

■ Trading History YTD:

- After a positive start to the year, ETH declined for most of January before gaining positive momentum in February. Accounting for both movements up and down, the price of ETH is slightly below where it started the year.

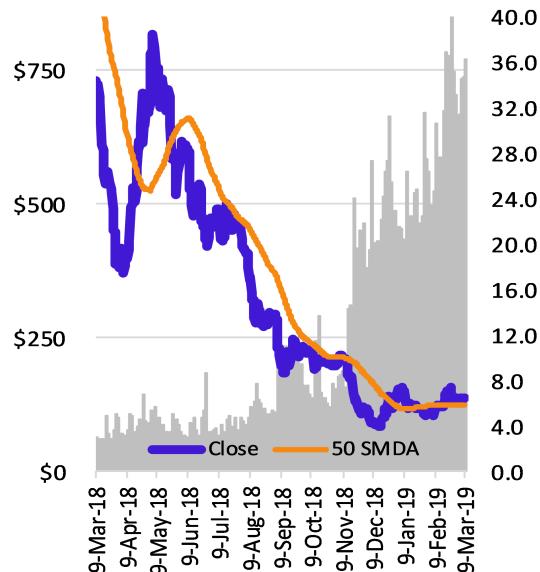
■ Current Environment:

- After a sharp upward price movement earlier in the week last week, the price of ETH declined for the balance of the week but remained up on the week both in terms of USD and BTC.
- Volumes were higher for the week, averaging 31.4 million coins per day. Last week's volumes were 30.0 million coins per day.

Technical Trading Score*:	LOG IN TO VIEW
Date Of Inception:	2014
Primary Use:	SMART CONTRACTS
Coins Outstanding:	104mm
Maximum Coins:	NO MAX
POW or POS:	WORK
Current Mining Fee (USD):	~\$0.064
Website:	https://www.ethereum.org/

Coin Profile

Ethereum is a decentralized platform that runs smart contracts: applications that run exactly as programmed without any possibility of downtime, censorship, fraud or third-party interference. These apps run on a custom built blockchain. Ether is the cryptocurrency generated by and used on the Ethereum platform.



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Crypto Market



Overall Technical Score



Short Term



Medium Term



Long Term



Cryptocurrency Trading Update

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XRP

C\$0.42 (US\$0.311)
March 11, 12:40 pm

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XRP News:

- The co-founder and CEO of Swiss Amun AG, a company that offers several crypto exchange traded products (ETP) announced last week that they have received approval from Switzerland's primary stock exchange to list an ETP that will track the price of XRP.

Trading History YTD:

- XRP has underperformed other major cryptocurrencies so far in 2019, with its price trending down for most of the year to date.

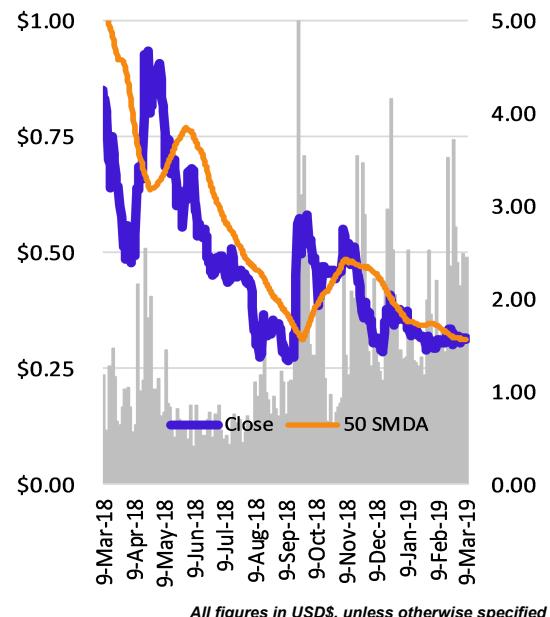
Current Environment:

- XRP was relatively stable last week, ending the week with its price slightly above where it began.
- Volumes for the week averaged 2.27 billion coins per day, which was in-line with the previous week's volumes.

Technical Trading Score*:	LOG IN TO VIEW
Date Of Inception:	2012
Primary Use:	CURRENCY
Coins Outstanding:	99.99 Billion
Maximum Coins:	100 Billion
POW or POS:	CORRECTNESS
Current Mining Fee (USD):	~\$0.0003
Website:	https://ripple.com/

Coin Profile

XRP is the decentralized native currency employed by Ripple. Ripple is a settlement system, currency exchange and remittance network created by Ripple Labs Inc. It is built upon a distributed open source internet protocol, and supports tokens representing fiat currency or cryptocurrency. The company purports to enable "secure, instantly and nearly free global financial transactions of any size with no chargebacks."



Technical Scoring

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Crypto
Market



Overall
Technical Score



Short Term



Medium Term



Long Term



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Litecoin (LTC)

C\$74 (US\$55.31)

March 11, 12:40 pm

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LTC News:

- The price of LTC reached US\$60 last week, a significant price point as it marks a double since beginning the year around US\$30. Over the same time period, the price of most major cryptocurrencies is relatively flat, ranging from slightly down to slightly up on the year.
- Also, since the beginning of the year, Litecoin has overtaken EOS to become the fourth largest cryptocurrency in terms of market capitalization.

Trading History YTD:

- LTC has been a relative outperformer in comparison to other major cryptocurrencies so far in 2019 as it has traded positive for most of the year.

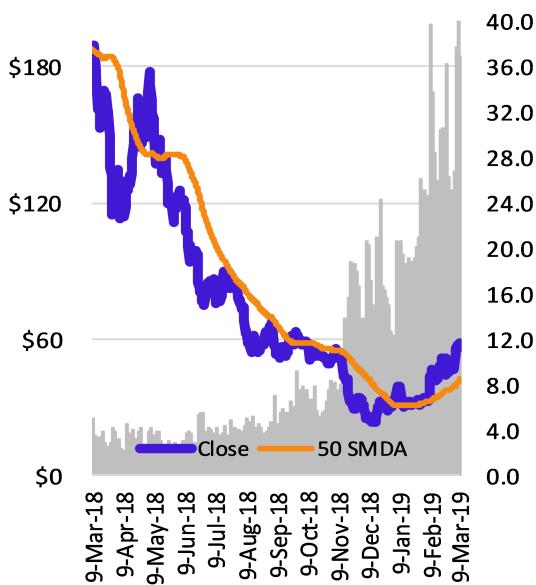
Current Environment:

- Positive price performance continued in LTC last week with the currency trading up for most of the week, following a positive price spike on Monday.
- Volumes for the week averaged 35.1 million coins per day. This was a significant jump from the previous week's volumes of 24.2 million coins per day.

Technical Trading Score*:	LOG IN TO VIEW
Date Of Inception:	2011
Primary Use:	CURRENCY
Coins Outstanding:	60mm
Maximum Coins:	84 mm
POW or POS:	WORK
Current Mining Fee (USD):	~\$0.022
Website:	https://litecoin.com/

Coin Profile

Litecoin is a peer-to-peer cryptocurrency and open source software project released under the MIT/X11 license. Creation and transfer of coins is based on an open source cryptographic protocol and is not managed by any central authority. The coin was inspired by, and in technical details is nearly identical to, Bitcoin.



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Litecoin



Relatively Favourable



Relatively Favourable



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Bitcoin Cash (BCH)

C\$174 (US\$129)
March 11, 12:40 pm

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BCH News:

- No significant BCH related news last week.

Trading History YTD:

- The price of BCH has drifted sideways to negative during 2019, without benefiting in the same magnitude from the offsetting February positive price spikes that other cryptocurrencies experienced.

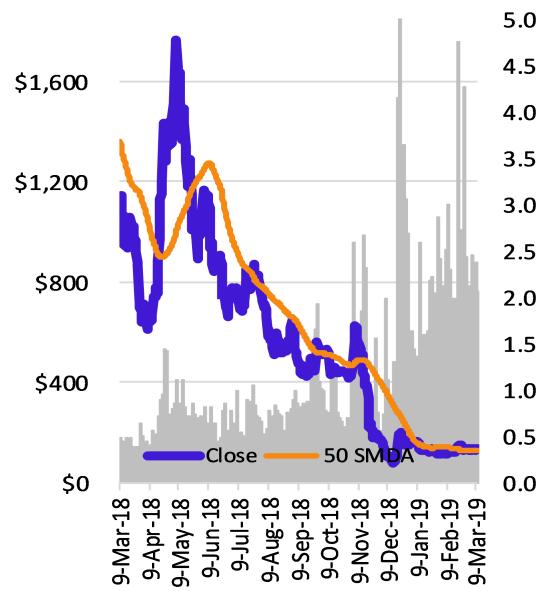
Current Environment:

- Similar to other major cryptocurrencies, the price of BCH was relatively stable last week, ending the week ahead of where it started after both positive and negative movements throughout the week.
- Volumes for the week remained the same as the previous week's 2.2 million coins per day.

Technical Trading Score*:	LOG IN TO VIEW
Date Of Inception:	2017
Primary Use:	CURRENCY
Coins Outstanding:	17mm
Maximum Coins:	21 mm
POW or POS:	WORK
Current Mining Fee (USD):	~\$0.0034
Website:	https://www.bitcoincash.org/

Coin Profile

Bitcoin Cash is peer-to-peer electronic cash for the Internet. It is fully decentralized, with no central bank and requires no trusted third parties to operate. Bitcoin Cash is the continuation of the Bitcoin project as peer-to-peer digital cash. It is a fork of the Bitcoin blockchain ledger, with upgraded consensus rules that allow it to grow and scale.



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Crypto Market	Overall Technical Score	Short Term	Medium Term	Long Term
 Bitcoin Cash	 Relatively Unfavourable	 Available!	 Available!	 Available!

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DASH (DASH)

C\$112 (US\$83)
March 11, 12:40 pm

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DASH News:

- Dash Text, which enables consumers to easily spend Dash via SMS texting, is now testing a Telegram integration with a WhatsApp integration on the horizon.
- CrowdNode, a Dash Masternode sharing company will now allow fractional Dash masternode holders to vote with the traditional "Yes, No, Abstain", but also with "Do Nothing" and "Delegate". This development will help shift treasury influence from large Dash holders to smaller Dash holders that are unable to acquire the 1,000 Dash for a full Masternode. CrowdNode currently operates 17 Masternodes, and thus, the delegate option has the potential to give even more influence to other individuals on the CrowdNode platform.

Trading History YTD:

- Dash has traded like other major cryptocurrencies in 2019, with the price trending generally down in January followed by positive price performance in February, resulting in the currency now trading up on the year.

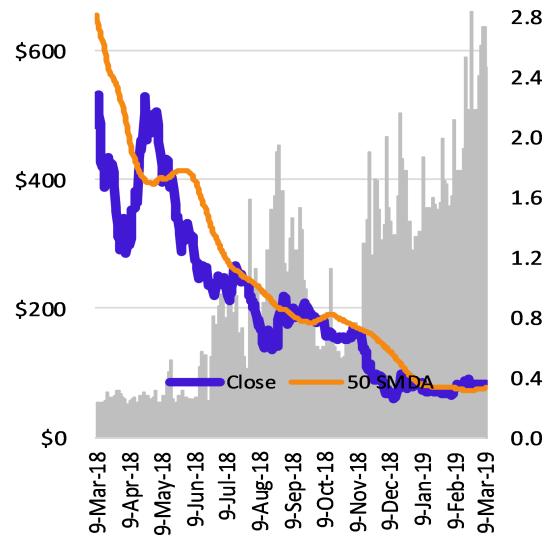
Current Environment:

- The price of Dash was stable to positive last week, resulting in the coin trading up on the week in USD term and particularly in terms of BTC, which moved in the opposite direction at the end of the week.
- Volumes for the week averaged 2.5 million coins per day.

Technical Trading Score*:	LOG IN TO VIEW
Date Of Inception:	2014
Primary Use:	CURRENCY
Coins Outstanding:	8 mm
Maximum Coins:	22 mm
POW or POS:	STAKE
Current Mining Fee (USD):	~\$0.012
Website:	https://www.dash.org/

Coin Profile

Dash is an open source peer to peer cryptocurrency. On top of Bitcoin's feature set, it currently offers instant transactions, private transactions and operates a self-governing and self-funding model that enables the Dash network to pay individuals and businesses to perform work that adds value to the network. Dash's decentralized governance and budgeting system makes it a decentralized autonomous organization.



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Ethereum Classic (ETC)

C\$5.78 (US\$4.31)
March 11, 12:40 pm

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■ ETH Classic News:

- No significant ETC related news last week.

■ Trading History YTD:

- ETC has experienced a generally negative start to the year with more downward than positive price movement.

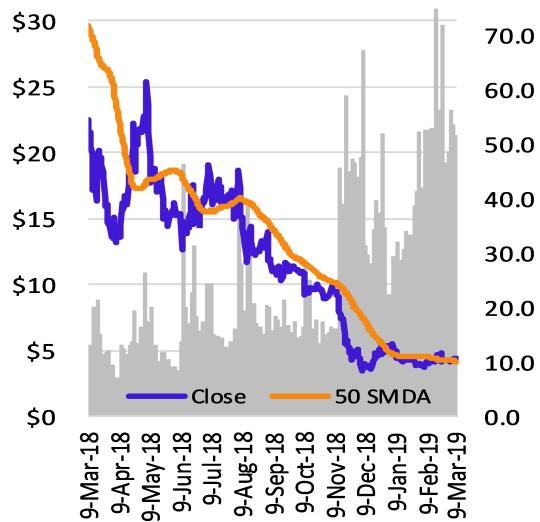
■ Current Environment:

- The price of ETC was stable last week, ending the week slightly above where it began.
- Volumes averages 52.4 million coins per day. Like most of the other major cryptocurrencies this volume was above the previous week's when volumes averaged 44.5 million coins per day.

Technical Trading Score*:	LOG IN TO VIEW
Date Of Inception:	2016
Primary Use:	SMART CONTRACTS
Coins Outstanding:	107 mm
Maximum Coins:	NO MAX
POW or POS:	WORK
Current Mining Fee (USD):	~\$0.0013
Website:	https://ethereumclassic.org/

Coin Profile

Ethereum Classic is an open-source, public, blockchain-based distributed computing platform featuring smart contract (scripting) functionality. It provides a decentralized Turing-complete virtual machine, the Ethereum Virtual Machine (EVM), which can execute scripts using an international network of public nodes. ETC has a value token called "ether", which can be transferred between participants or stored in a cryptocurrency wallet.



Technical Scoring

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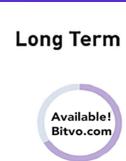
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Ethereum Classic



Relatively Unfavourable



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