

Flexpool Progress Report — October 2020

This is the first Flexpool's Progress Report. We are happy for our community to know that, unlike other pools, Flexpool is an innovative and progressive mining pool.

Total Ether Mined

In October 2020, Flexpool mined 6 blocks with **15.0203 ETH** in total.

Block/Uncle rewards: 11.25 ETH
Block fees: 3.77 ETH
Uncle Inclusion Rewards: 0 ETH

Hashrate Evolution

The hashrate managed to fall from 11 GH/s to 6 GH/s (5.4 GH/s in peak) and then recover to 12 GH/s in approximately 14 days. The average hashrate for this month was 8.75 GH/s.

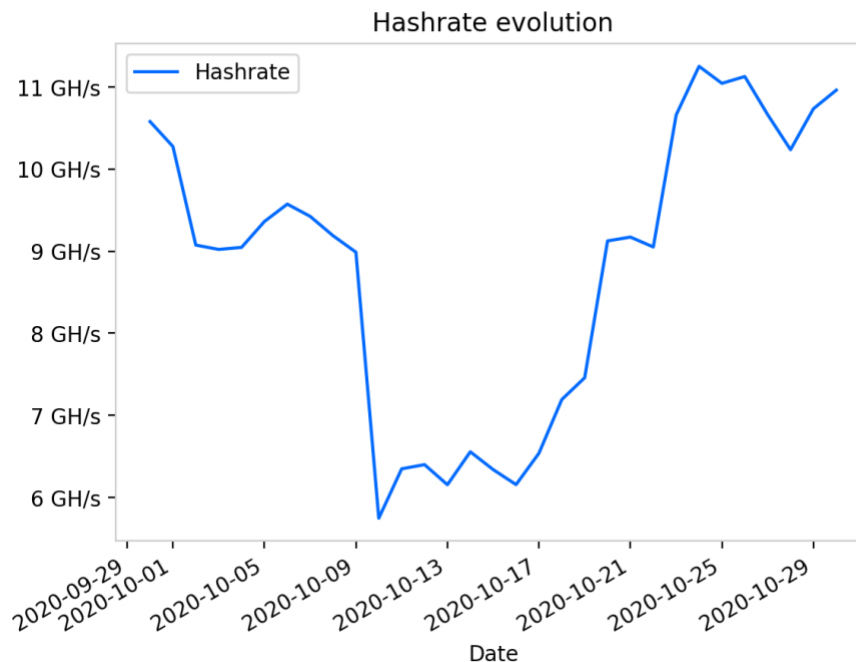


Figure 1. The hashrate evolution from Oct 1 until Oct 31.

Miner Count Evolution

This month, the miner count has grown significantly; from fluctuating around 20-24, it increased to 38 at the end of the month, an absolute record for Flexpool.

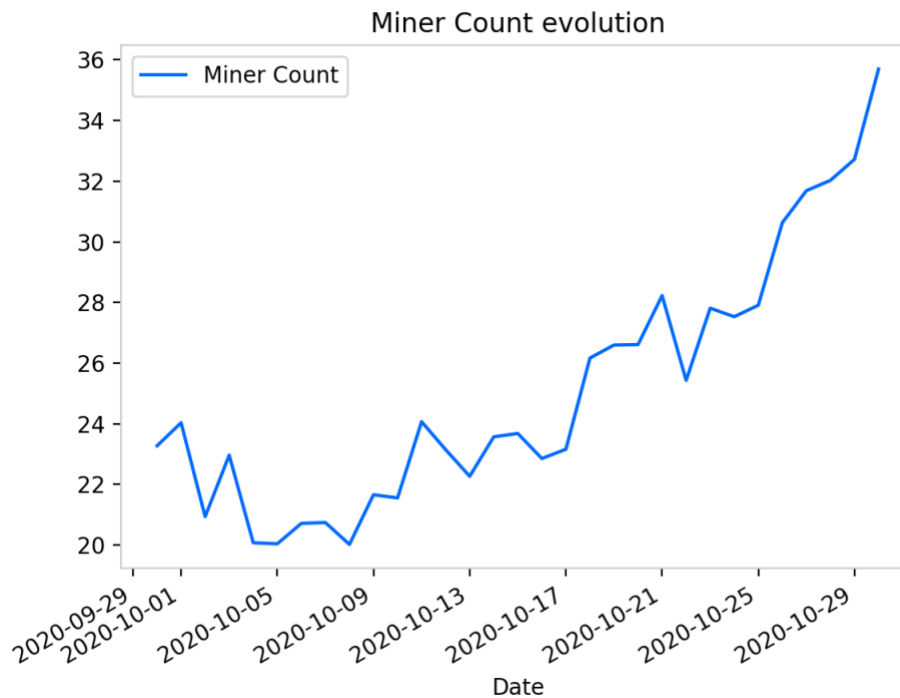


Figure 2. The miner count evolution from Oct 1 until Oct 31.

Although the miner count has almost done 164% since the start of October, the hashrate has not changed too much, which means that most new miners have a relatively small hashpower.

Block rewards

The block with the highest reward (4.02 ETH) was mined by 0x6B0aC062E2c36959d78D551135B80E42c4e2270e at Oct 6 2020, 16:50 UTC.

The block with the lowest reward (1.25 ETH) is an uncle that was mined by 0xB090d1a9b934339e9ADF90981251b43c1c89dc2d at Oct 12 2020, 12:43 UTC.

The mean reward was 2.5 ETH.

Top block finder

The October's top block finder was 0x82B6f72E5e6AD4A7F5744619C61e5C1968924D52, who mined 2 blocks with the total of 4.91 ETH.

October's Flexpool Updates & New Features

- Replaced the OpenEthereum node that was often experiencing blockchain sync issues.
- Added an ability to view the estimated daily profit in USD.
- Introduced a new feature that allows miners to view each block reward distribution report.
- Added 12-hour and 6-hour average effective hashrates to the dashboard.
- Integrated the 2-hour Average Effective Hashrate series in the dashboard hashrate chart.
- Live support messaging integration.
- Added the "Page reloads automatically" label to the dashboard.
- Designed a performance-focused API engine that was implemented for the full Flexpool API.
- Introduced live worker "last seen" label updates.
- Added the block notifications to Flexpool's discord server.
- Fixed compatibility issues with Shardpool.io.

... and a lot of other minor internal improvements/fixes.