Minecraft Map Of BRITAIN: 22 Bn Blocks Used To Create Interactive Map

The Minecraft map of BRITAIN: 22 billion blocks are used to create the digital world that even includes well-known landmarks

Ordnance Survey used 22 billion blocks from the popular constructing sport

The 3D interactive map covers mainland UK and surrounding islands

Each block represents 50 square metres and the map covers the equivalent of 220,000 sq. kilometres

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Fashionable constructing recreation Minecraft already lets customers create their own worlds, however a new 3D gaming map now lets them discover the entire of the UK and construct new settlements in their virtual again gardens.

Minecraft Britain was built utilizing Ordnance Survey maps of the UK as a base and was constructed using 22 billion building blocks from the sport.

It covers the equivalent of 86,000 square miles of mainland Nice Britain and the surrounding islands and each block represents 50 sq. metres.

Ordnance Survey used 22 billion blocks from the popular constructing sport Minecraft to create the 3D interactive map of mainland UK and its surrounding islands. The OS Minecraft world covers the equivalent of 86,000 square miles. This picture exhibits the Minecraft model of Stonehenge in Wiltshire

That is how the Stonehenge landmark in Wiltshire looks in the real world

To assist players navigate the interactive world, Ordnance Survey has also printed a listing of coordinates to numerous UK markers, including Stonehenge in Wiltshire.

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The map was constructed using OS OpenData - maps and mapping tools that Ordnance Survey lets builders use to develop alternative maps.

Minecraft was created in 2009. At the start of the sport, a player is put into a 'just about infinite game world.'

They'll then stroll around completely different terrains, including mountains, forests and caves.

Players may fly up in the air for a birds-eye view of the panorama.

Players are given blocks and instruments to build towns and cities. As a player progresses they can earn advanced instruments and building blocks in different supplies.

The game was initially made for the Pc however there are actually Xbox 360 and cellular variations available.

For every one hundred x 100 km grid square, builders from Ordnance Survey used height information for numerous buildings and landmarks.

The left-hand image reveals the Minecraft model of Snowdonia, while the correct-hand picture shows how the North Wales mountain vary appears in actual-life. Because the height of many buildings and landmarks in the UK is taller than Minecraft's built-in peak limit, builders scaled them down so they would fit

Minecraft launched in 2009. At Minecraft server list of the game, a player is put right into a 'virtually infinite game world.' They will then stroll round and build towns and cities. The sport was initially made for the Computer however there are now Xbox 360 and cellular versions obtainable, pictured

HOW To install THE MAP ON MINECRAFT

Players need a licensed copy of Minecraft and around 5GB disk area on their Computer.

The world covers approximately 3.6GB uncompressed and wishes a minimum 4GB of reminiscence.

To put in the map, gamers should obtain the Minecraft-GB.zip archive

Unzip the archive to a brief location. Open the readme.html file in a browser and follow the set up directions.

They then loaded photographs of all UK places from the OS VectorMap District information.

Every 20 x 20 pixel region of the map was analysed so the developers may select the proper color, materials and size of block.

The uncooked height knowledge was stored in metres, that means the developers have been scaled down to suit inside the 256-block peak restrict in Minecraft.

Ben Nevis, for instance, has a height of round 2,500 metres and this was converted into 128 blocks high.

Ordnance Survey stated in a weblog post: 'Though this exaggerates the actual-world top, it preserves low-mendacity coastal features resembling Bournemouth's cliffs, including curiosity to the panorama.'

Developers used diamond blocks for motorways, emerald blocks for A roads and pumpkin blocks for B roads. Water, forests and built-up areas have been created using the usual water, leaves and brick blocks.

Following this, teams of 32 x 32 chunks called areas had been created and assembled together. Ordnance Survey said the entire process took around seven hours.

The River Thames in East London is pictured. Ordnance Survey mentioned the entire mapping process took round seven hours to finish. Each 20 x 20 pixel area of the map was analysed so the developers may choose the correct color, materials and size of block

These photos show a birds-eye view of Minecraft London with the River Thames flowing by the centre, left, and a satellite view of the identical area of the Thames, right. To assist players navigate the interactive world, Ordnance Survey has printed a list of coordinates to various UK location, available inside the sport

Minecraft World

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