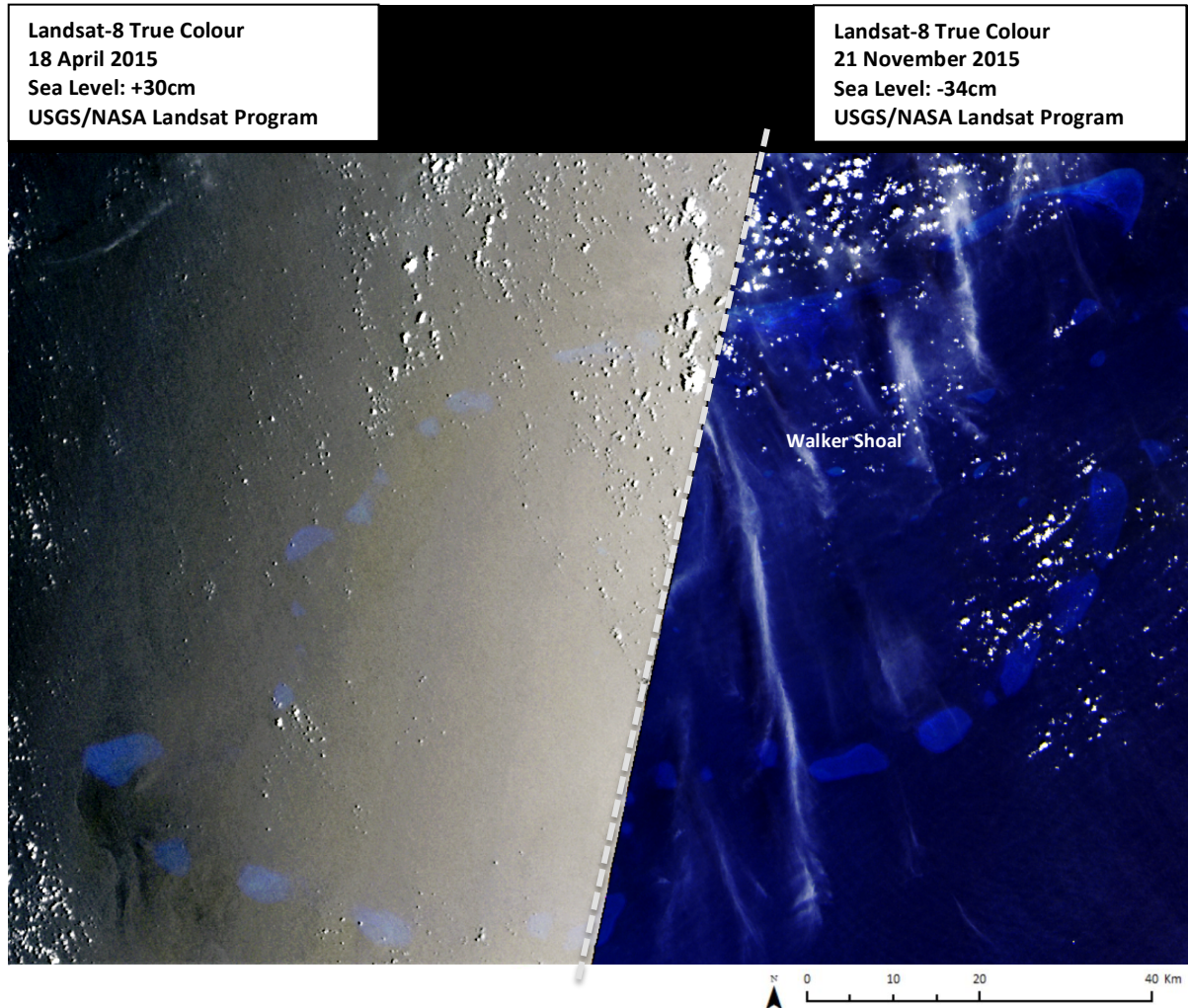


## MACCLESFIELD BANK

15°48'4.93"N, 114°19'E

### **Geographic area**

Macclesfield Bank is a collection of coral reef platforms that is just visible on satellite imagery and forms the contour of a submerged atoll, mostly deeper than 15m. It is located over 260NM southeast of the island of Hainan and over 270NM east of Vietnam's mainland. There are no shallow geographic features close by: the Paracels (Bombay Reef is the closest) are 70NM northwest and the Spratlys are over 230NM southeast (Trident Shoal is the closest). The overall coral reef platform stretches over 140km along its northeast-southwest axis and reaches close to 70km along its northwest-southeast axis.



### **Land area above water**

There are no above-water land areas on Macclesfield Bank.

### **Human infrastructure**

No man-made structures can be observed on Landsat images as at 18 April 2015 for the western side and 21 November 2015 for the eastern side of Macclesfield Bank.

### **Intertidal and submerged area**

The total aerial coverage of the atoll is 5,978.06km<sup>2</sup>, 483.88km<sup>2</sup> of which are occupied by the visible coral reef platforms that form the contours of the atoll. Most of the visible platforms are expected to be 15-20m deep or more. Very few areas are close to 10m deep. Walker Shoal is an isolated platform in the northern part of what would have been the lagoon of the atoll before it was submerged. Spurs and grooves are clearly visible on most of the coral platforms in Landsat-8 satellite imagery from 2015, despite its low resolution. Traces of human activity on the reef platforms cannot be seen in Landsat-8 satellite imagery due to the depth of the features and the low resolution of the image.

# MACCLESFIELD BANK

15°48'4.93"N, 114°19'E

Derived from Landsat-8 satellite data captured on 18 April 2015 and 21 November 2015 [Sea Level: +30cm and -34cm]

## Habitat Classification and Land Cover Map

