This assessment of the Bokolmanyo refugee camp in the Dolo Ado area of Ethiopia, is based on a quantitative analysis of satellite imagery acquired on 11 January 2012 to provide an updated shelter count. A total of 4,950 tent structures were identified within the camp site encompassing a current area of approximately 2.9 km². This shelter count was obtained using an automated shelter detection computer model with a high degree of confidence and reviewed manually for accuracy with standard image interpretation methods. There are several hundred additional buildings and structures not marked which are likely to be camp management facilities (i.e. medical clinics, latrines, administration, etc.). The camp has expanded by approximately 1600 tents between 11 August 2011 and 11 January 2012. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.