



Magnetic coverage over the Greater Antilles for the updated WDMAM and the origin of the Bahama platform

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The Greater Antilles (Cuba, Hispaniola, Jamaica, and Puerto Rico) was poorly covered on the first edition of the WDMAM because of its absence from the Magnetic Anomaly Map of North America. However, most of the area has been covered, at least at a reconnaissance level, and we will present a compilation of this information for possible use in the upcoming revised WDMAM.

The origin of the Bahama platform, to the north of the Greater Antilles, has been the subject of debate for more than a century. Questions include the nature of the basement, and its interaction with the Greater Antilles. Using the newly compiled magnetic data, we will offer a new synthesis.