

The work describes the DIAS software for the ionosphere anomalies detection based on satellite data. As an example a complex research of the state of the medium-latitude ionosphere during a geomagnetic storm on January 20, 2010 is performed. The paper provides some indications of ionospheric anomalies coincident with the observed storm. The paper is explicit and ready for publication.

A few minor remarks.

-Abstract. Correct date. It is not January 10.

-DEMETER the satellite. The VLF band is 0.02-20 kHz.

-Figure 2. The bottom graph. How the colored bar on the right is connected with the line? The same for Figure 5.

-Figure 7. What are units of Y-axes?