



Geodynamic programs conducted at Jozefoslaw Observatory

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Several observations and scientific researches in the frame of geodynamical programs have been performed at Jozefoslaw Observatory in 2004, such as: GPS and GLONASS in the frame of IGS/IGLOS/EUREF; tidal observations; changes of the vertical based on the gravimetric measurements; astrometric observations as well as meteorological. WUT EUREF Local Analysis Centre is a very important part of the Observatory. The Centre makes continuous service of one-week solution in the frame of EUREF network, processes national and international GPS campaigns (CEGRN, EXTENDED SAGET etc.), models ionosphere and troposphere parameters, compute tidal components and changes of the vertical according to astrometric and gravimetric measurements. Moreover studies on RTK and DGPS measurements using mobile phones for data transmission were performed in the frame of EUREF IP pilot project. This paper presents current state of the art of the Observatory's activities and deals with the acting of it and operating of the WUT EUREF Local Analysis Centre.