

**DYNAMICS AND EVOLUTION COMPLEXES OF  
ACTIVITY ON THE SUN ON VARIOUS PHASES  
OF 23 CYCLE**

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The basic properties of 23 cycle of solar activity which is considered as result of passage complexes of active through the Sun disk. Complexes of activity on the Sun were determined on the basis of data about daily and monthly average of the areas of spot groups, Wolf numbers and flare activity separately for northern and southern hemisphere. Results of their definition were checked according to Sun radio images on centimeter and millimeter waves received on radio telescopes RT-22 CraO, Siberian radio telescope SSRT and a radio heliograph in Nobeyma (Japan). Comparison with data of supervision on space telescopes SOHO and TRACE allowed to reveal the presence of loopy structures that connect spot groups in an complex of activity. Data and the periods of displays of various indicators of solar activity separately for northern and southern hemisphere for the purpose of revealing «latitude» and "longitudinal" complexes of activity on various phases of a solar cycle activity were compared. The check list complexes of activity in 23 cycle according to investigated data is presented.