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SOLAR ACTIVITY DURING FEBRUARY

Twenty-one separate ionospheric disturbances were recorded by Solar Division observers during February, off somewhat from the record twenty-six last month. Once again activity was concentrated toward the end of the month. Many disturbances were of above average intensity.

An interesting recording of what might possibly be six separate events on a single day is reproduced on page two. Only the last starting at 2115 UT was considered a definite ionospheric event. During the preceding two hours a similarity can be seen in the two charts which includes two bumps but these lack the typical shape of true disturbances. The upper chart shows what seem to be very definite events starting at 1502, 1540, and 1646 UT but yet other SEA recodings do not show these at all. These charts illustrate the difficulty of deciding what is an authentic SEA.

Sunspot numbers were at record highs this month with only a short interval at the beginning of the month when they dipped below 100. On the other hand, there were no days above 200. The monthly mean of the American numbers rose to 132.2, only slightly below the all-time high for this cycle in March 1969.

RECENT TREND OF RELATIVE SUNSPOT NUMBERS





