

Seasonal circulation changes in the middle stratosphere

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Abstract

A character of seasonal changes at 30- and 10-hPa isobaric surfaces during 1977-1990 in the Atlantic-European, Asian, and American sectors for the latitudinal zones of 70-50, 50-35, and 70-35°N is considered; the dates of spring and fall stratospheric circulation changes are determined; their dependence on the features of preceding stratospheric processes, the phase of quasi-biennial oscillation of equatorial stratospheric circulation, and solar activity is found.
