



Temperature trends since 1975 in West of Iran

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Climatological changes in temperature records have been investigated during recent decades around the world because of the importance of global warming issue. Using a 27-year record, the variations in annual temperature is studied for 15 different non-polluted mountainous sites in west of Iran (Hamadan Province). Necessary quality controls and other statistical tests are made before the data are used. The long-term changes in temperature data are investigated in west of Iran, which show an increasing trend since 1975. This result is true for all 15 locations. Furthermore, increasing trends were found for the annual average of maximum and minimum temperatures.

From the meteorological points of view, the possible local and global reasons which might cause the temperature trends are discussed.

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