

عنوان مقاله:

Statistical analysis of dust storms in Province Khuzestan

محل انتشار:

دومین کنفرانس بین المللی مخاطرات محیطی (سال: 1392)

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خلاصه مقاله:

One of the natural calamities that have influenced Khuzestan province because of geographical situation and its neighborhood with big areas of desert regions is undesirable phenomenon of dust. The occurrence of the dust storms in Khuzestan causes abundant damages per annum. Of these damages can point to hating in the Communications system, in the industries, and in the factories, to air pollution and also breathing diseases. The main purpose of this research is statistical analysis and finally zoning of the dust storms in the region is studied. In the present study, used data from the hourly with code 06 for a period of 9 years (2008-2000) for 12 stations in region has been studied. Then the statistical analyzes were performed with use of SPSS, and Excel. The investigation of the time distribution of dust shows that in the studied statistical period, the dusty occurrences have had an increasing process. So that sometimes over a month's time duration and reducing visibility to below 100 meters is reached, especially in the last years. Most intense storm started in 03 hours a time of Greenwich. Among the twelve months, July had highest monthly mean and December had the lowest monthly mean. The Dezful station had the Pollutes air and the Eizah station had the purest air throughout, the studied period. The results also show that whatever moves From the North West to the South East,

The intensity and duration of dust storms is reduced

کلمات کلیدی:

dust storms, statistical analysis, Province Khuzestan

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