

A PRESEISMIC DECREASE VARIATION OF THE GEOMAGNETIC VERTICAL COMPONENT AND A DISCUSSION ABOUT ITS CAUSE

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Abstract

In this paper, the geomagnetic variations on the earthquake of magnitude Ms7.8 occurred near Tangshan on July 28, 1976, and the earthquake of magnitude Ms5.5 occurred near Haiyuan were analysed. Then it is pointed out that the preseismic decrease variation of the geomagnetic vertical component may be a characteristic of the seismomagnetic warning sign of the earthquake occurred near the high electrical conductivity area. Meanwhile it is suggested that this geomagnetic variation may be caused by the change of the Curie constant temperature surface caused by the underground medium convection.

周至—西安凹陷地震趋势讨论会在周至举行

1982年6月30日至7月1日陕西周至县境内发生了76次小震群。这一现象是在鄂尔多斯块体周缘中强地震活动增强的背景上发生的,为此,咸阳地区地震办公室邀请了陕西省地震局、国家地震局兰州地震研究所及宝鸡、渭南、铜川、商洛、汉中的地震工作者共36人,于1983年7月9日至13日在周至县举行了“周至—西安凹陷地震趋势讨论会”。代表们讨论了该地区今后的地震趋势问题。

(安宁)

宝鸡市地震局建成穴居动物实验站

在中国科学院生物物理所蒋锦昌和陕西省地震局李永善同志指导下,宝鸡市地震局于1982年10月建成了一个穴居动物(以蛇为主)地震前兆实验站,主要实验地震前的温度变化、地气味、声波振动对这类动物的影响。

(周可兴)