

Monitoring of volcanic activity Etna Volcano using IMS data in July 2024

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Etna Volcano increased its activity in July 2024, and this was monitored by the International Monitoring System (IMS) infrasound network. At NDC Iraq, we will present an analysis of data from Etna Volcano in Italy, using the IMS stations I48TN, I26DE, I42PT, and I11CV. This analysis will utilize the NDC-in-a-box tools and will focus on the events of July 2024. We used International Data Centre (IDC) products related to volcanic activity to locate and analyze the data using DTK-GPMCC and Geotool software.

In this work, we will check the events on July 7, 2024, July 15, 2024, and July 23, 2024, in the Etna Volcano area and correlate them with the LEB and REB Bulletins.

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