

## **infrasound portable array (I68CI) in Cote d'Ivoire data processing**

After six months deployment (January to June), CTBTO infrasound mobile array (I68CI) data has been processing in three frequencies bands. The frequencies bands are the following 1 to 0.1Hz for the distant detections, 2.5 to 0.5Hz for the regional detections and 4 to 2Hz for the local detections. From January to February, the local, regional and distant detections azimuths are from Northwest. In March, there are detections in 20° azimuth. Indeed, March is the beginning month of African monsoon installation over the Gulf of Guinea. During the months of April and May, there are detections in all directions. In June, the detections azimuths are from northeast direction. In general, most of the distant detections are from the Northwest (300° to 330°), West (270°) and Southwest (210° to 190°).

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