

## Medicane Apollo brings exceptional rainfall on Sicily, Tunisia & Algeria

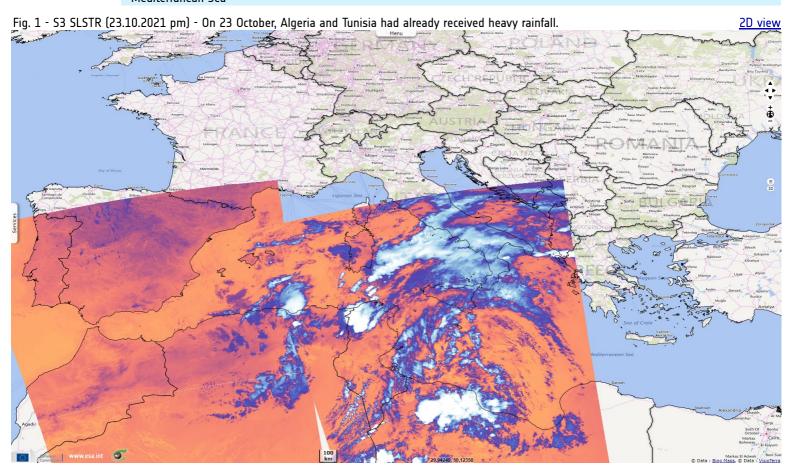
Sentinel-1 CSAR IW acquired on 18 October 2021 from 17:03:51 to 17:04:16 UTC

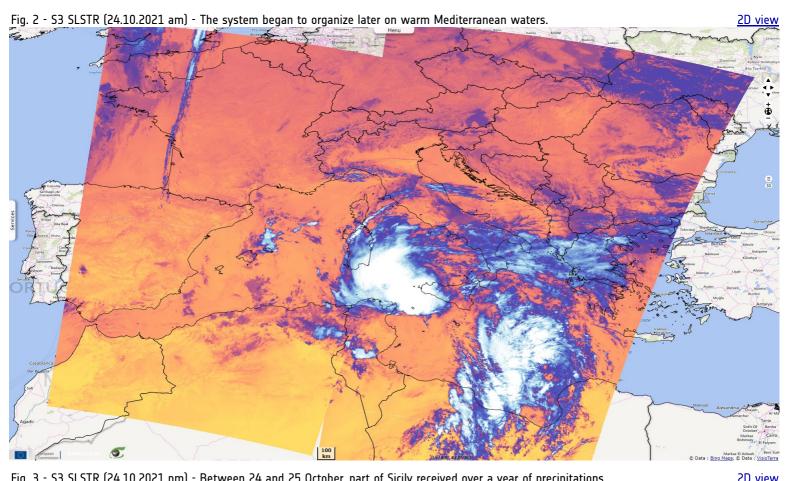
... Sentinel-3 SLSTR RBT acquired on 23 October 2021 from 09:32:03 to 10:36:36 UTC Sentinel-3 SLSTR RBT acquired on 29 October 2021 from 08:38:56 to 09:40:31 UTC

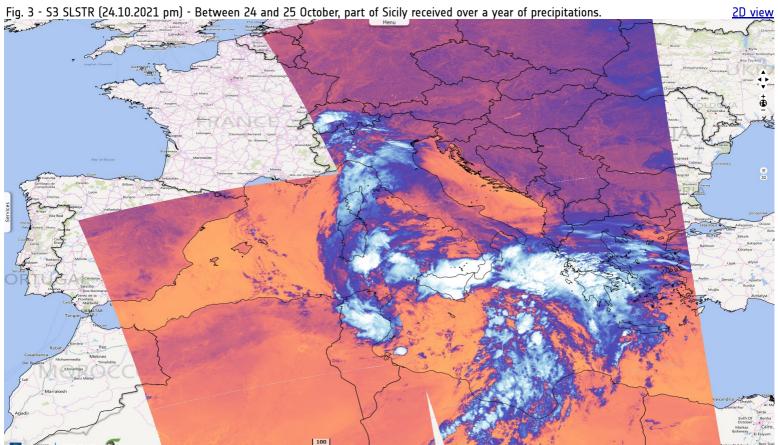
Sentinel-1 CSAR IW acquired on 31 October 2021 from 16:56:28 to 16:56:53 UTC

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<u>Keyword(s):</u> Emergency, natural disaster, atmosphere, storm, climate, wind, rain, cyclone, hurricane, Algeria, Tunisia, Italy, Mediterranean Sea







Floodlist <u>reported</u>: "A strong storm system in the Mediterranean, referred to as a 'medicane' (MedIterranean hurricane) has caused severe flooding in Algeria, Tunisia and southern Italy. At least 5 people have lost their lives and 2 more are still missing.

<sup>&</sup>quot;Some areas of Algiers city recorded more than 140 mm in 24 hours to 24 October. Tunisia's National Institute of Meteorology (INM) reported 166 mm of rain in Ras Jebel, Bizerte Governorate, and 136 mm in Sidi Thabet, Ariana governorate."

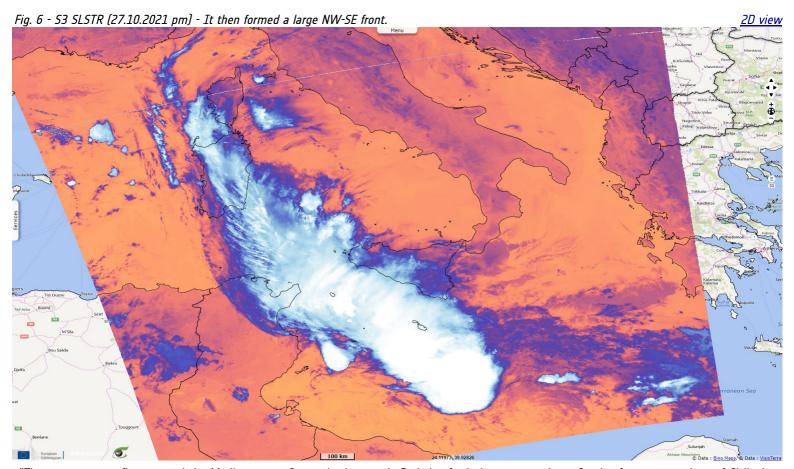
Mary Gilbert, meteorologist at AccuWeather <u>completed</u>: "Sicily Regions meteorological agency Servizio Informativo Agrometeorologico Siciliano reported 312.2 mm of rain fell in 24 hours to 25 October at a weather station at Linguaglossa, while the station as Lentini recorded 279.8 mm during the same period."

Fig. 5 - S3 SLSTR (25.10.2021 pm) - A cloud cell remained close to Sicily, bringing additional rainfall.

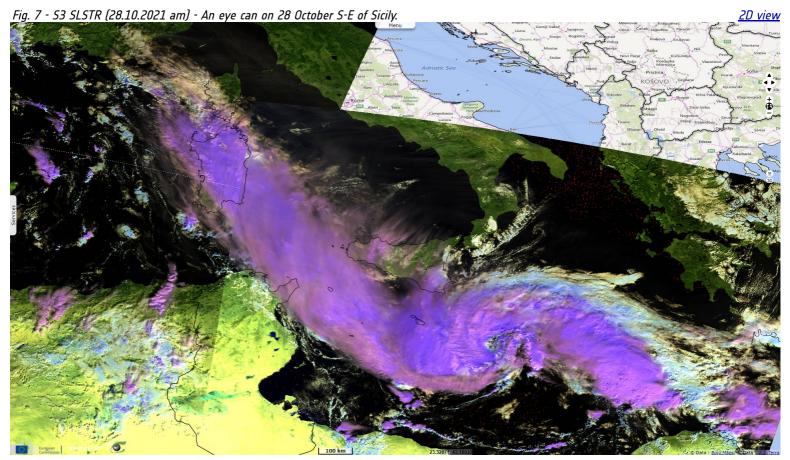
2D view

Characteristics of the state of t

"A potent storm system havoc for days across portions of southern Italy, and AccuWeather meteorologists say the worst may be yet to come. On Tuesday, the storm had already triggered flash flooding and mudslides and was even blamed for two fatalities. On Tuesday alone, over 600 rescue operations were carried out in Catania, according to CNN."

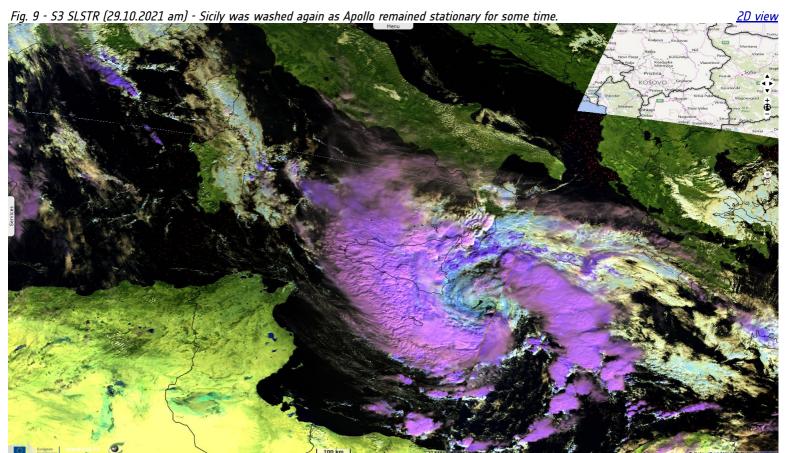


"The current storm first entered the Mediterranean Sea early that week. Periods of rain began as early as Sunday for some portions of Sicily, but heavier rainfall across the region began on Monday for many across both Sicily and Calabria."

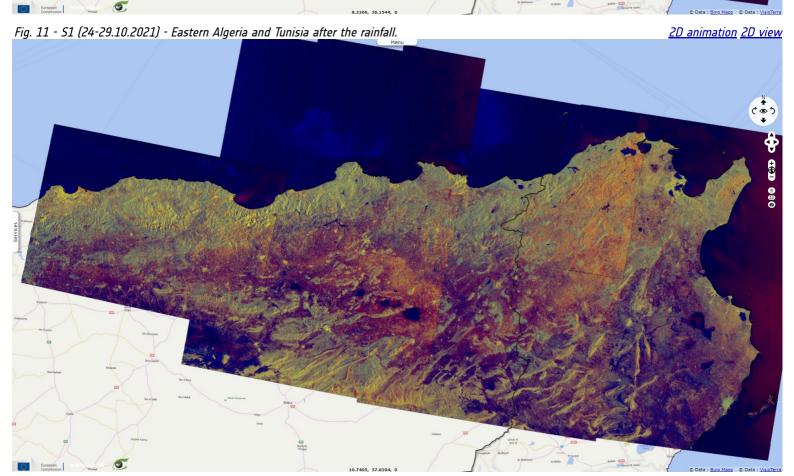


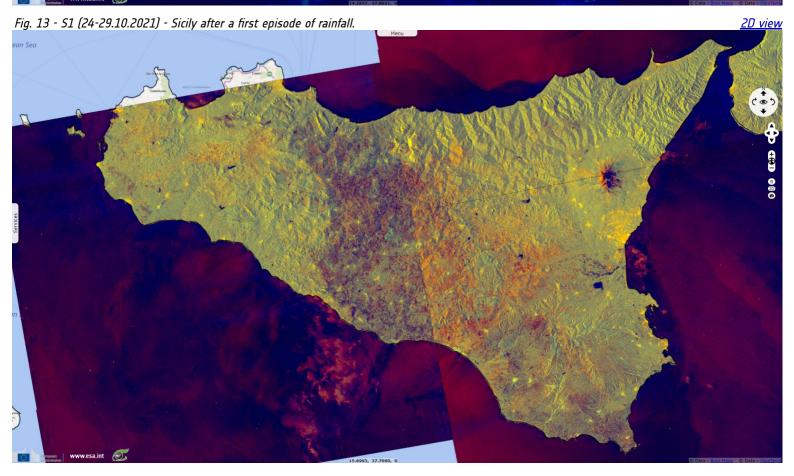
"Sicily's farmer's association said around 11.8 inches of rain fell near Catania during several hours on Sunday, according to Reuters. That amount is nearly half of the island's average yearly rainfall. The storm lost some wind intensity late Monday but began to restrengthen on Wednesday as it churned northward at a snail's pace. Regardless of the storm's ultimate strength, the main impact for portions of Italy will continue to be rounds of heavy rainfall."

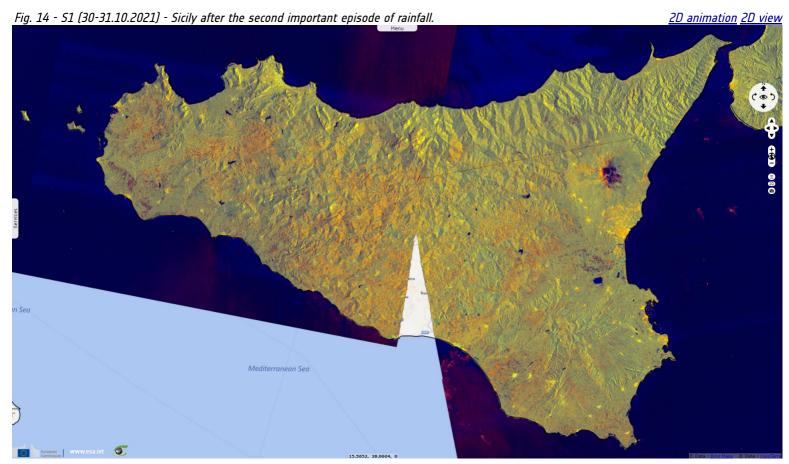
The British Broadcasting Corporation <u>added</u>: "Fierce storms battered southern Italy for a third day on Tuesday 26, leaving roads completely submerged in parts of the island of Sicily. Dramatic video from Catania showed water gushing through the streets as floods engulfed the city."



"The mayor of Catania, Salvo Pogliese, said eastern parts of Sicily were experiencing exceptional weather events 'unprecedented' in their intensity. Citing the 'seriousness of the situation', the mayor ordered the closure of all businesses in Catania except essential services until midnight on Tuesday. 'I urge the entire population to not leave home except for emergency reasons, because roads are overrun by water,' the mayor posted on Facebook."







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