Sentinel Vision SED-1232 10 February 2023

Floods in the Orontes River basin in post-earthquake Syria

Sentinel-2 MSI acquired on 25 January 2023 at 08:21:29 UTC Sentinel-2 MSI acquired on 09 February 2023 at 08:21:11 UTC

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Keyword(s): Emergency, natural disaster, precipitation flooding, hydrology, dam, levee, geohazard, earthquake, Syria

Fig. 1 - S2 (25.01.2023 / 09.02.2023) - From Homs lake (here) to the Turkish border, western Syria has been hit by heavy snow and rain. 2D view 2D

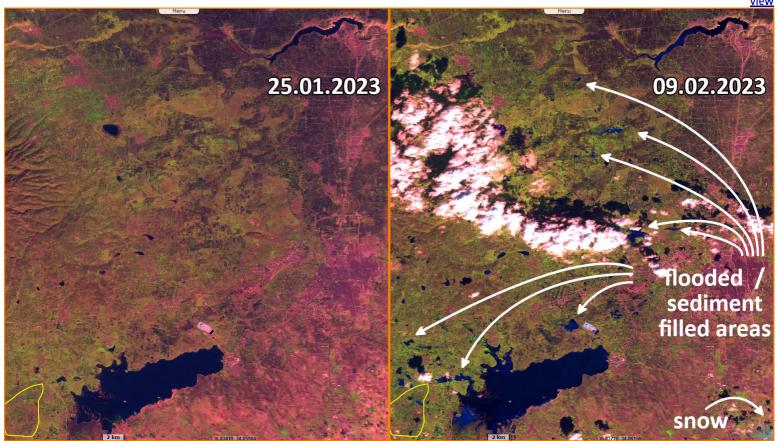
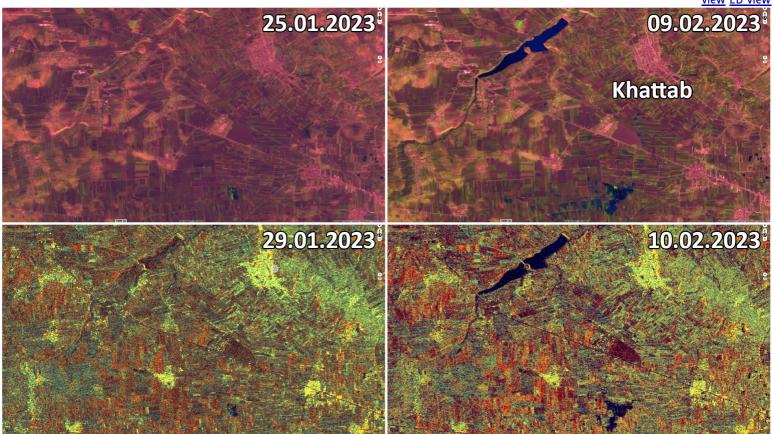
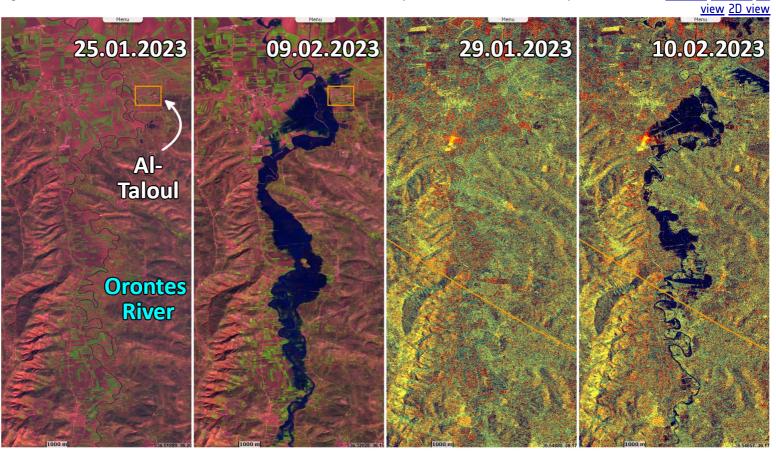


Fig. 2 - S2 (25.01.2023 / 09.02.2023) / S1 (29.01.2023 / 10.02.2023) - This happens in the context of a huge M 7.8 earthquake. 2D view 2D view



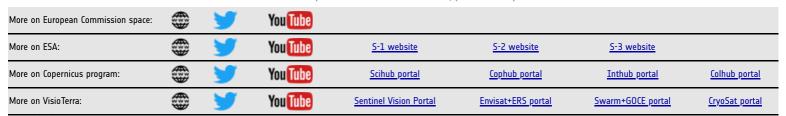
Some pointed breaches in the Orontes levee, others say dams weakened by the earthquake have released water to reduce strain until repairs. This worsens the perspective for emergency teams, also facing freezing conditions.

Fig. 3 - S2 (25.01.2023 / 09.02.2023) / S1 (29.01.2023 / 09.02.2023) - The city of Tloul / Al-Taloul is flooded by the Orontes river 2D view 2



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Funded by the EU and ESA

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