

Kakhovka Reservoir has almost emptied its 18km³, Ukraine

Sentinel-3 SRAL LAND acquired on 25 May 2023 at 18:59:38 UTC

Sentinel-1 CSAR IW acquired on 28 May 2023 at 15:36:57 UTC

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Sentinel-2 MSI acquired on 20 June 2023 at 08:36:09 UTC

Sentinel-3 SLSTR RBT acquired on 22 June 2023 at 08:15:36 UTC

Author(s): Sentinel Vision team, VisioTerra, France - svp@visioterra.fr

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Fig. 1 - S3 SLSTR (01.06.2023, 22.06.2023) - The surface temperature of the lakes is cooler than that of the ground during the day. [3D view](#) [3D view](#)

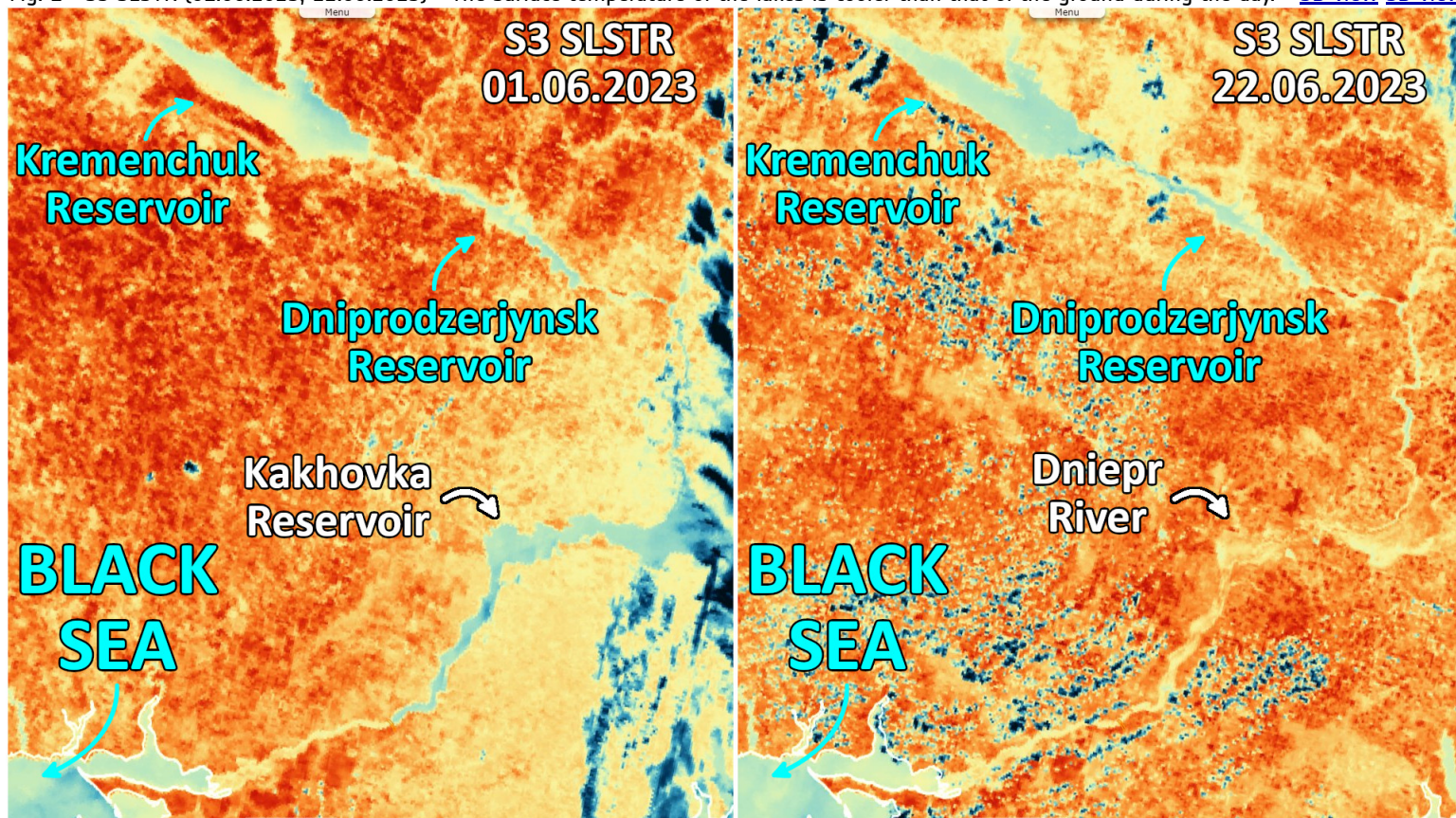
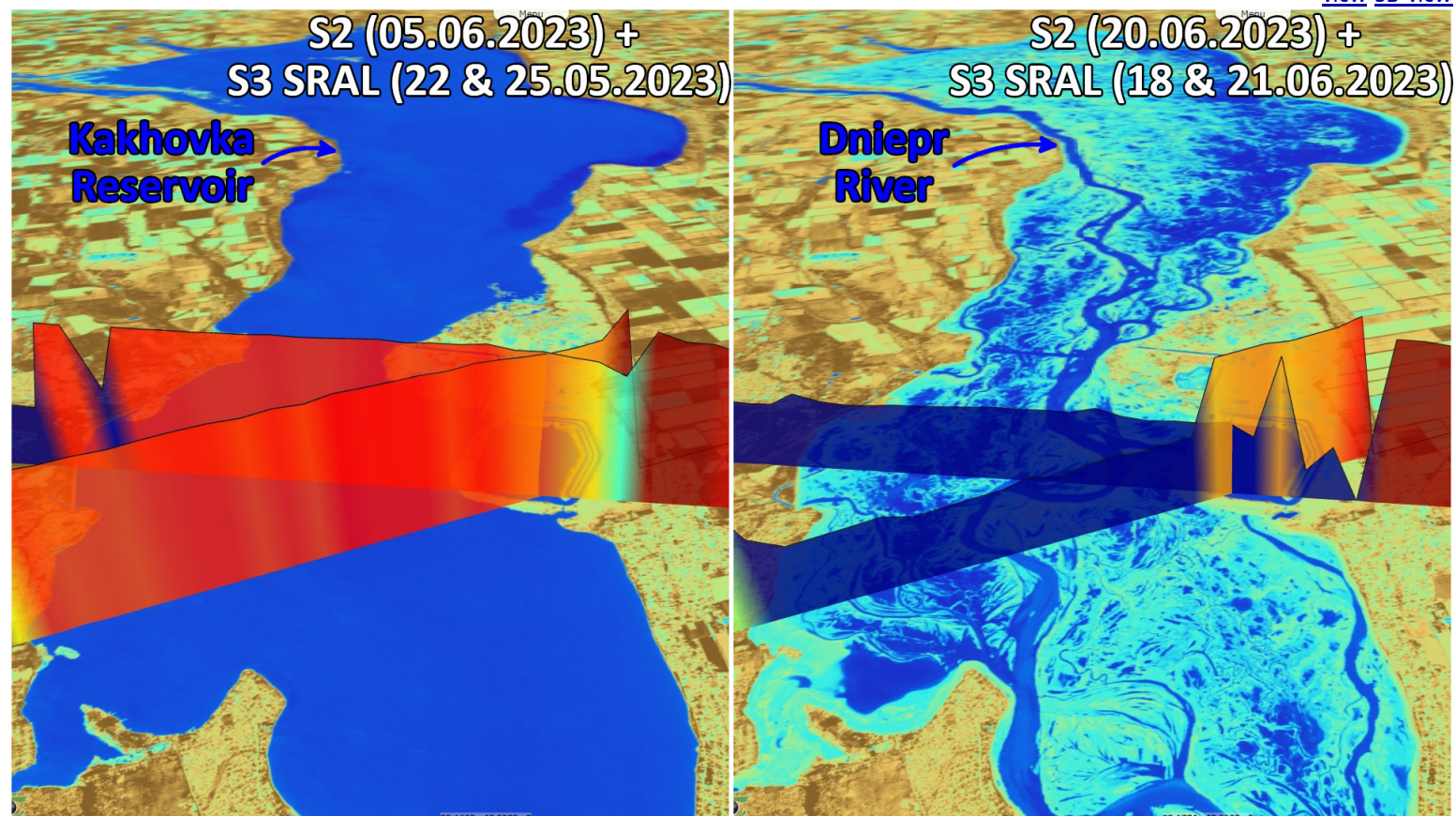
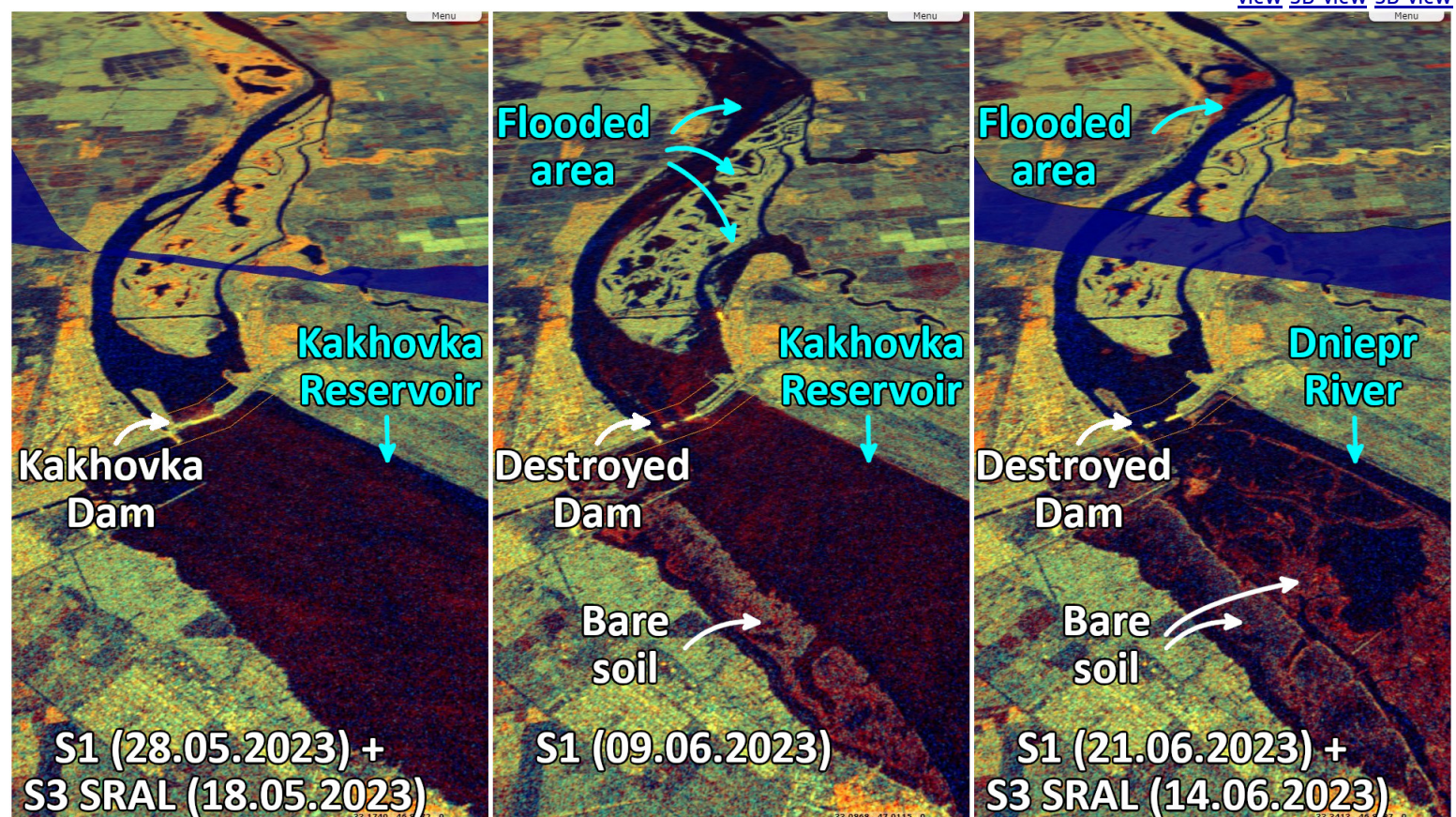


Fig. 2 - S2 (05.06.2023, 20.06.2023) + S3 SRAL (22 & 25.05.2023, 18 & 21.06.2023) - The volume of Kakhovka lake was 18.2 km³ on 05.06.2023. [3D view](#) [3D view](#)



Due to the destruction of the dam, the water level of the Dniepr River is slowly reverting to its natural height, up to 16 m lower. Areas downstream remained flooded for weeks.

Fig. 3 - S1 (28.05.2023, 09.06.2023, 21.06.2023) + S3 SRAL (18.05.2023, 14.06.2023) - Flooded & dry areas upstream & downstream of the dam. [3D view](#) [3D view](#) [3D view](#)



Four canal networks have been disconnected, which of North Crimean Canal that provided 85% of Crimea's water until 2014.

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