

Reflections over 'Noor' Ouarzazate solar power station

Sentinel-2 MSI acquired on 11 June 2019 at 11:06:21 UTC
Sentinel-2 MSI acquired on 23 June 2019 at 10:56:29 UTC
Sentinel-1 CSAR IW acquired on 26 October 2019 at 06:28:59 UTC
Sentinel-1 CSAR IW acquired on 30 October 2019 at 18:33:23 UTC

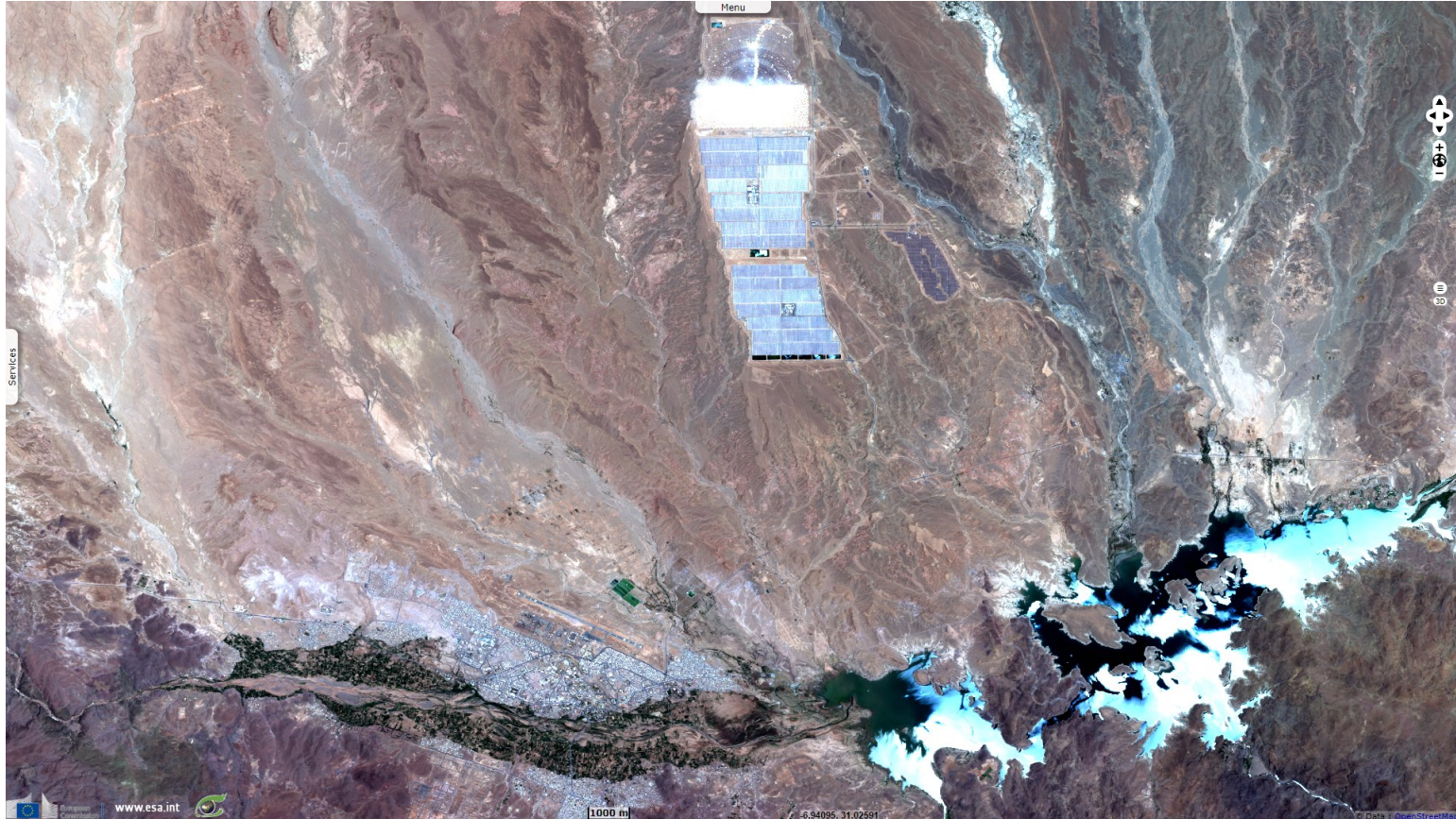
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Keyword(s): Solar power, renewable energy, climate change, global warming, land, infrastructure, Morocco



[2D Layerstack](#)

Fig. 1 - S2 (11.06.2019) - 4,3,2 natural colour - Near summer solstice, sunglint specular reflection at east of the swath saturates the CCDs. [2D view](#)



First connected before the Marrakech COP22 in 2016, Noor Power Station is the world's largest concentrated solar power plant with 510 MW.

Fig. 2 - S2 (23.06.2019) - Near summer solstice, at west of this other swath, no specular reflexion is seen coming from the solar plant. [2D view](#)

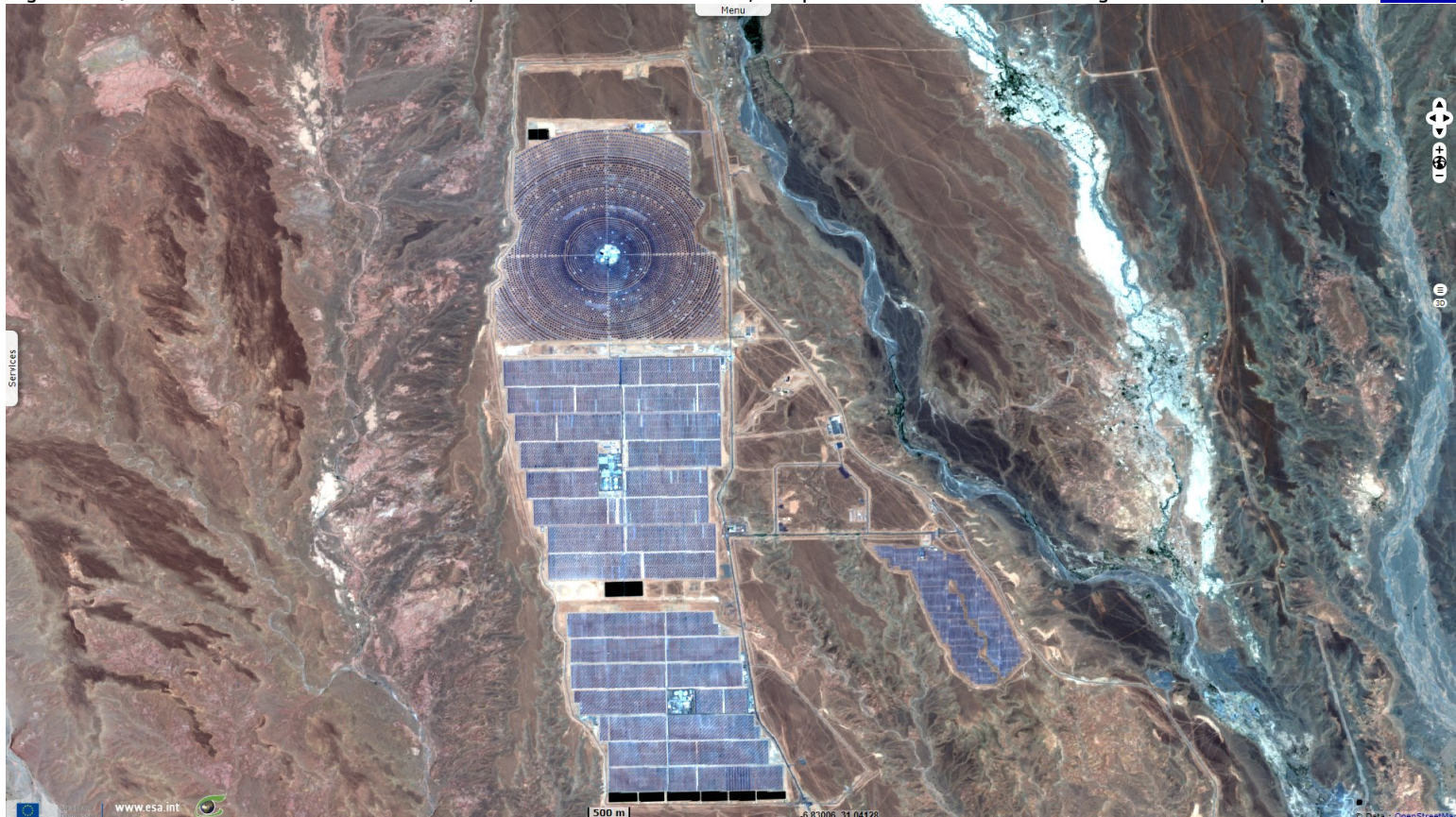


Fig. 3 - S1 (30.10.2019) - vv,vh,vv - Noor I & II are a 160 MW (450 ha) & a 200 MW (680 ha) parabolic trough with molten salt storage. [2D view](#)

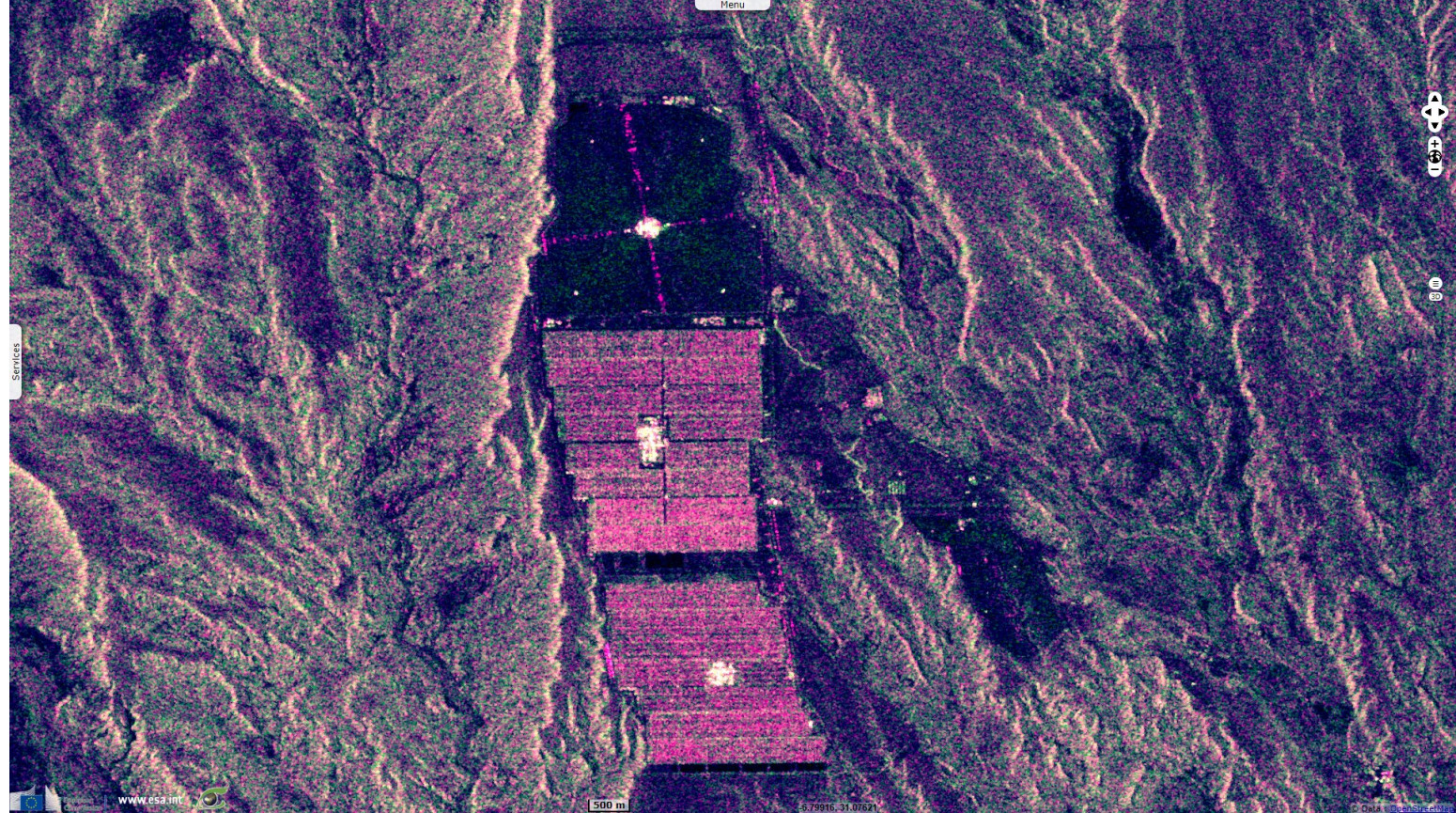
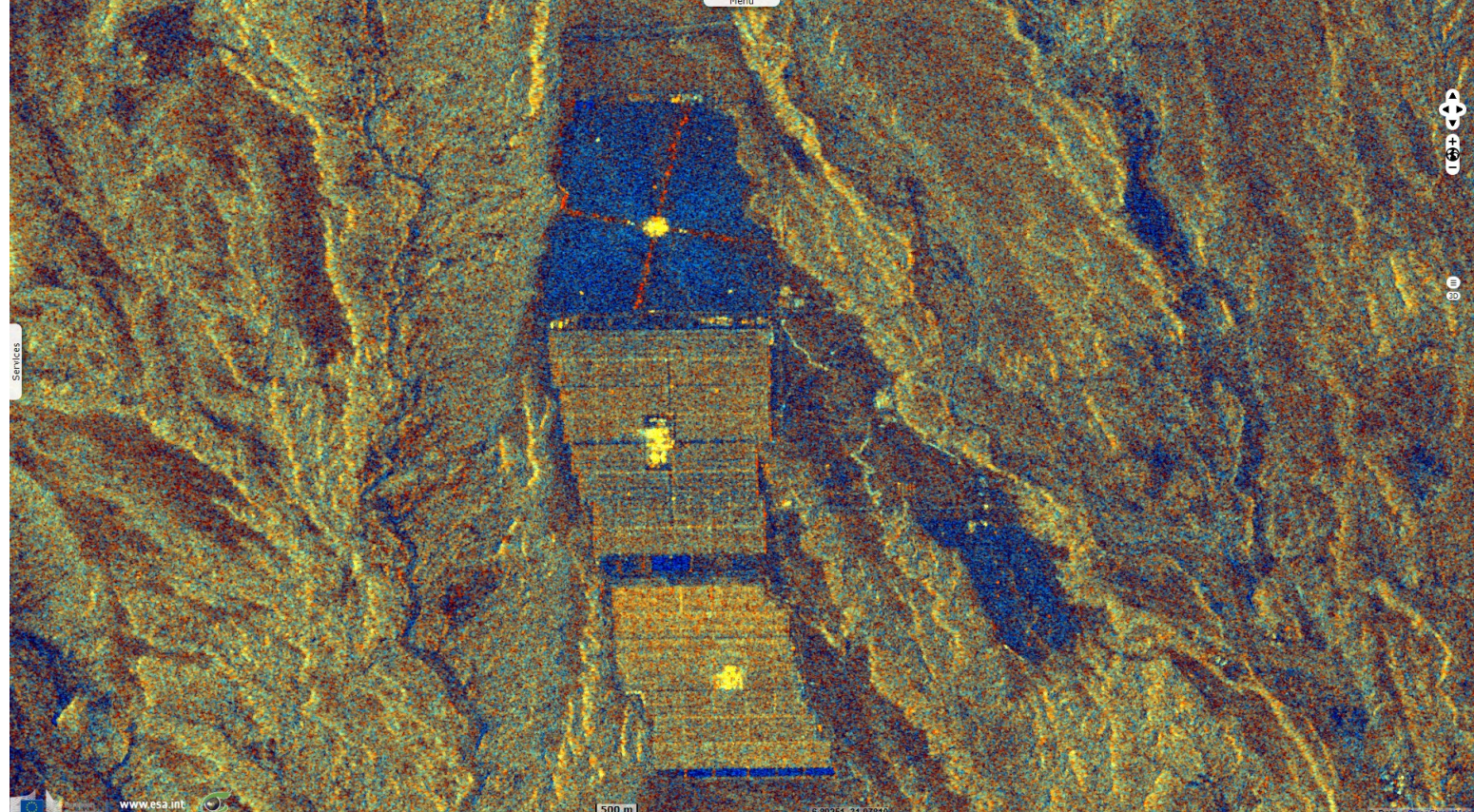


Fig. 4 - S1 (26.10.2019) - vv,vh,ndi(vh,vv) - Noor III is a 150 MW (550 ha) solar power tower; Noor IV a 72 MW photovoltaic power station. [2D view](#)



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
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