

SRAL tracking hurricanes

Sentinel-3 SRAL LAND acquired on 25 August 2017 at 03:35:01 UTC

Sentinel-3 SLSTR RBT acquired on 25 August 2017 at 04:06:15 UTC

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Sentinel-3 SLSTR RBT acquired on 21 September 2017 from 14:48:10 to 14:51:10 UTC

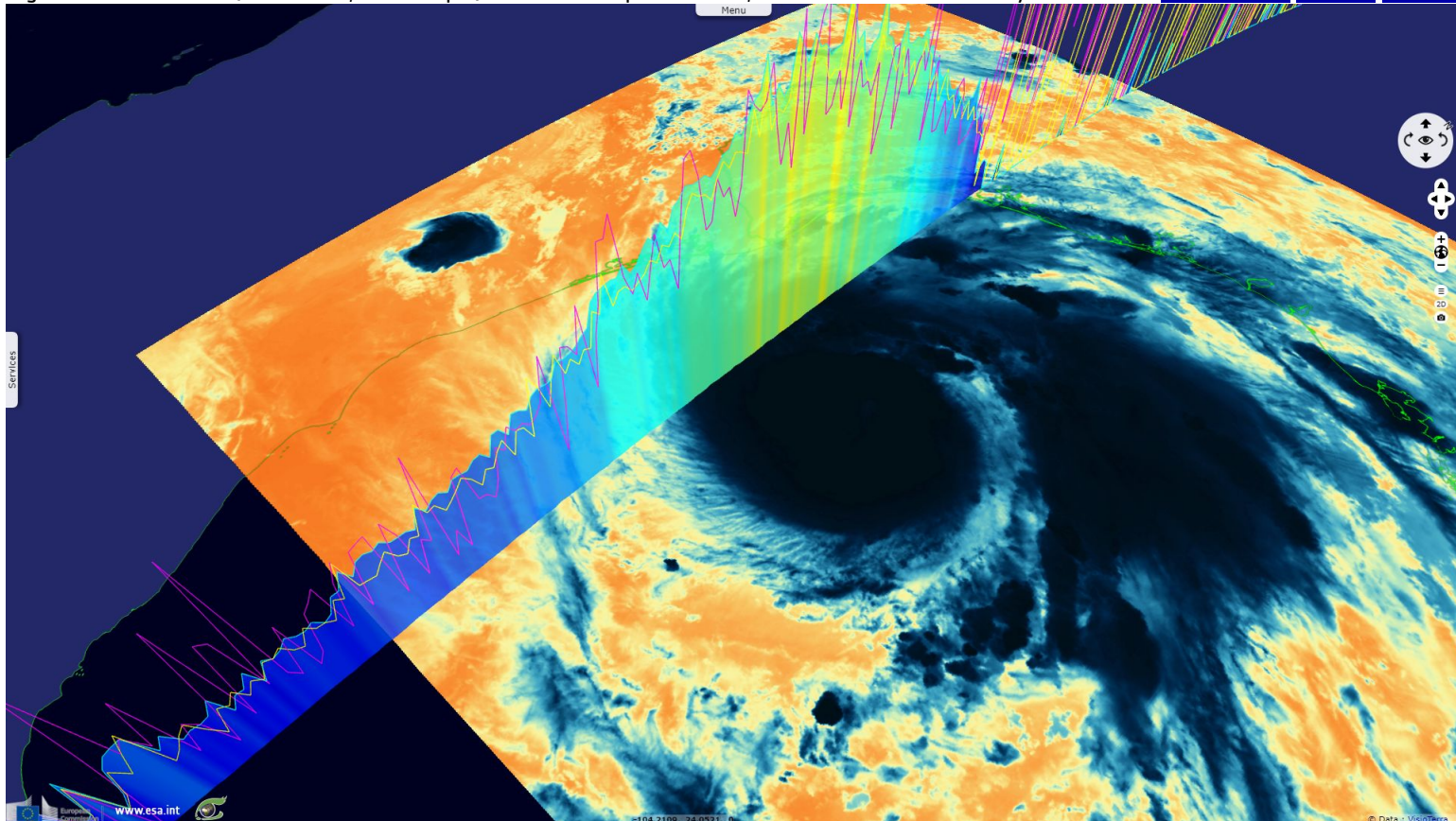
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Keyword(s): climate, hurricane, storm, significant wave height, Harvey, Irma, Talim, Maria, NW Atlantic, NW Pacific



[3D Layerstack](#)

Fig. 1 - SLSTR & SRAL (25.08.2017, 4am & 4pm) - S9 with temperature LUT, swh 1hz - Hurricane Harvey over Texas [3D animation](#) [3D view](#) [3D view](#)



The significant wave height 1hz is shown as a yellow profile for plrm ku-band, a pink profile for c-band, a blue profile & rainbow filling for ku-band.

Fig. 2 - (06.09.2017 2pm, 08.09.2017 3pm & 09.09.2017 2pm) - Hurricane Irma from Lesser Antilles to Cuba. [3D animation](#) [3D view](#) [3D view](#) [3D view](#)

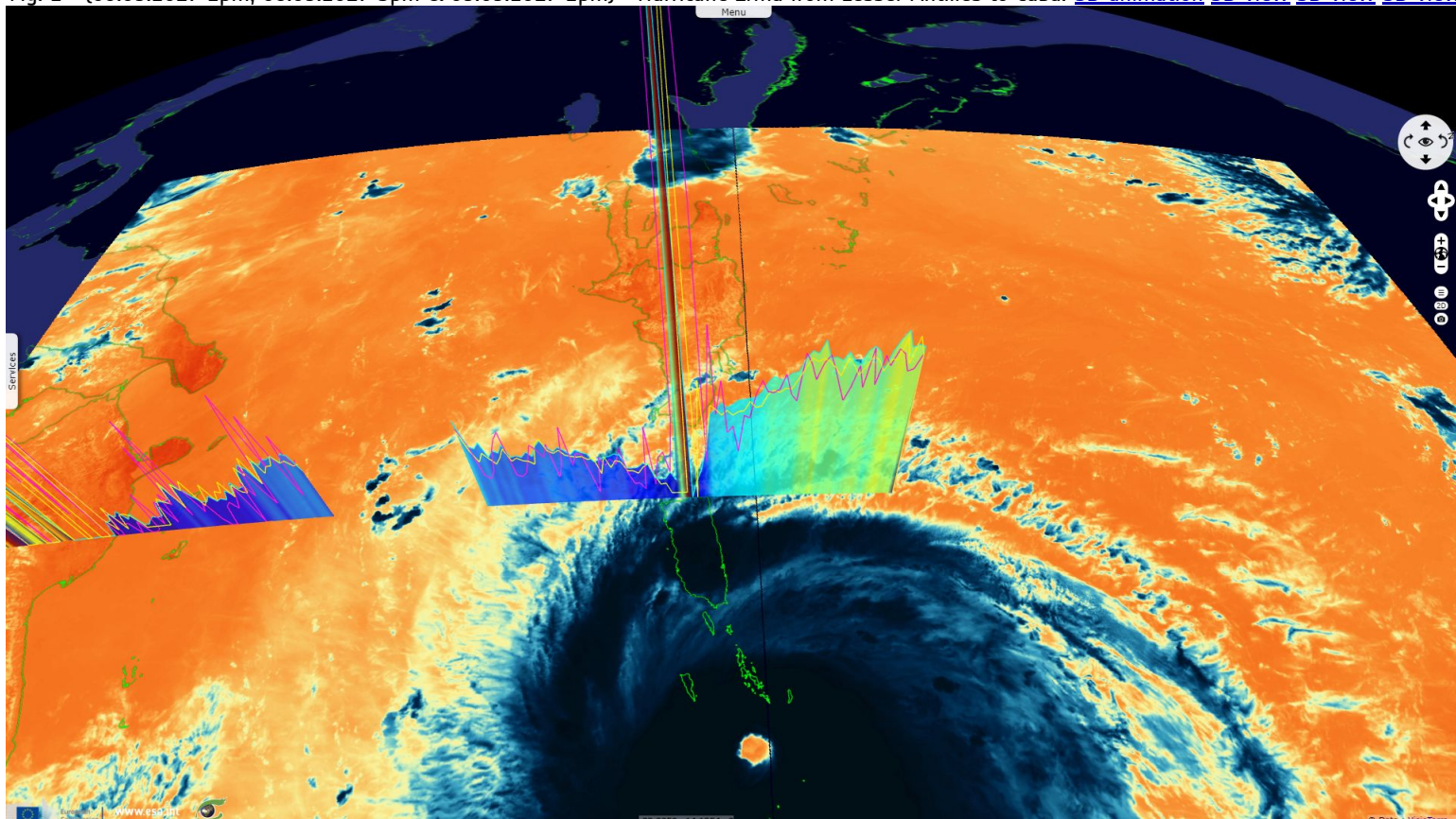


Fig. 3 - (15.09.2017 1pm, 16.09.2017 1am & 1pm) - Hurricane Talim generated high waves near Japan.

[3D animation](#) [3D view](#) [3D view](#) [3D view](#)

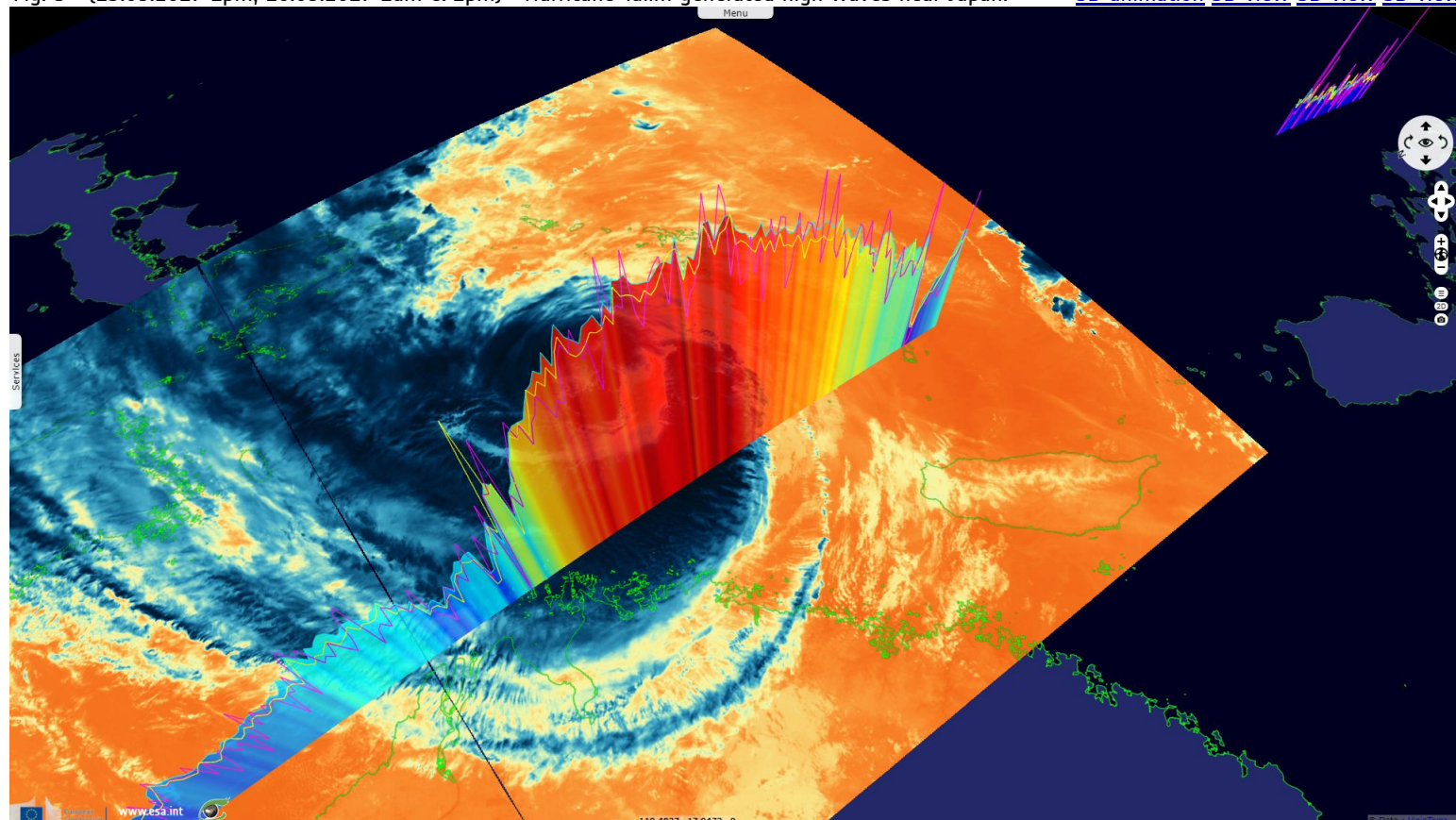
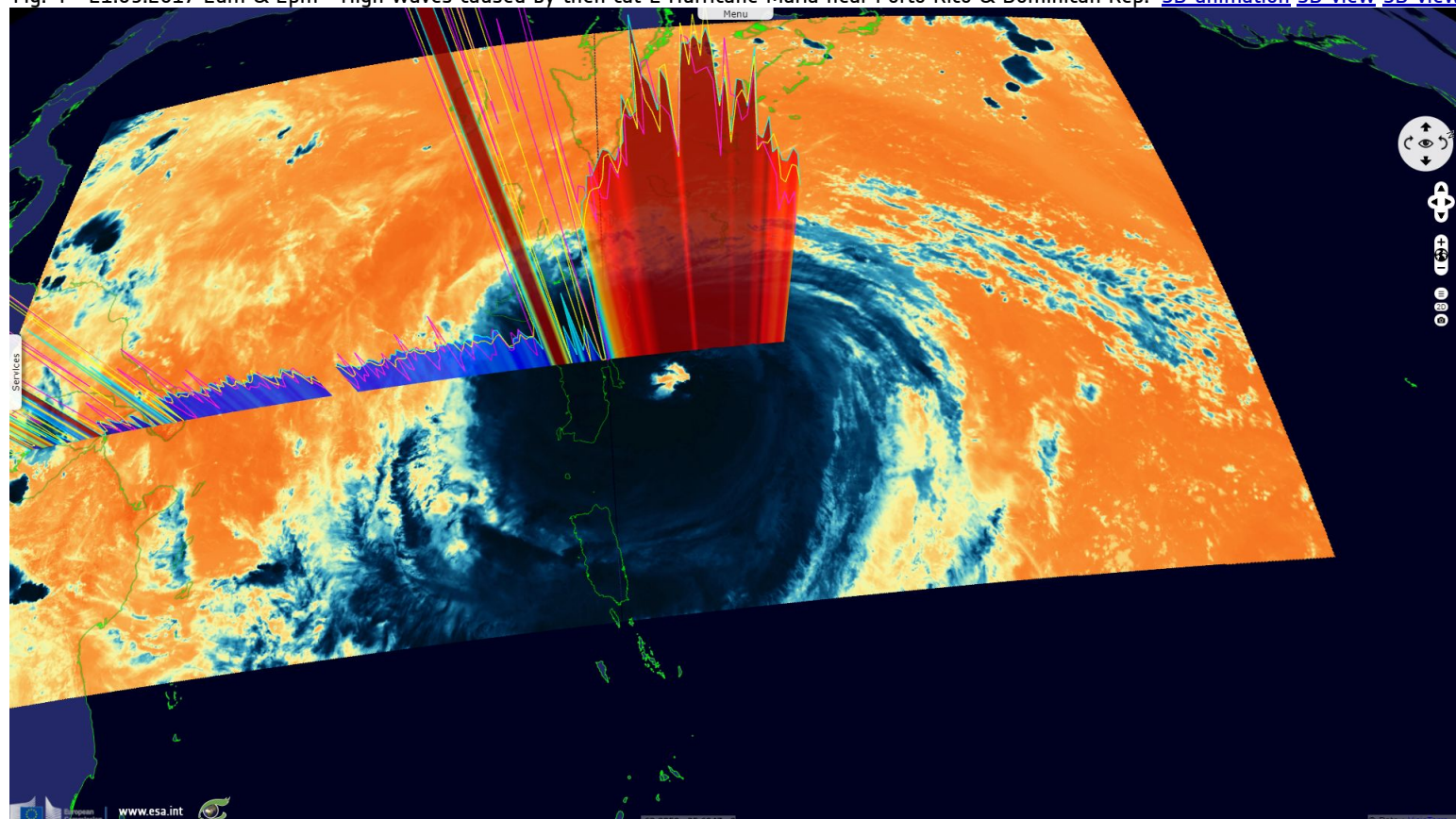


Fig. 4 - 21.09.2017 2am & 2pm - High waves caused by then cat-2 Hurricane Maria near Porto Rico & Dominican Rep. [3D animation](#) [3D view](#) [3D view](#)



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