

# Supporting Information for “The ionospheric effects of the 2022 Hunga Tonga Volcano eruption and the associated impacts on GPS Precise Point Positioning across the Australian region”

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## Contents of this file

1. Description of interactive maps S1, S2 and S3

## Description of interactive maps S1, S2 and S3

Here we provide some additional interactive maps to supplement the figures presented in the main manuscript. The format is html, which is supported by internet browser

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programs. While Figures 7, 9 and 10 in the main manuscript provide snapshots of the map of Australia, with the change in convergence time  $\Delta T_C$ , ROTI and  $\langle VTEC \rangle$  data, S1, S2 and S3 here provide the reader with interactive maps to facilitate their own data exploration. Each map animates through time and is controllable with the slider at the bottom; S1 spans 0-18 UT, S2 spans 0-23:50 UT and S3 spans 07-16:45 UT on January 15, 2022. Further, the reader can zoom in and out of the maps plotted and click-and-drag to move around the map, and explore the plotted data points by hovering the mouse pointer over them. For reference, the location of Tonga is shown as the red cross, and the locations of the ionosonde stations are shown in S2 and S3 as black triangles.