

Visualisation portals

eReefs data files are stored on centralised and backed up on disk at **AIMS**, **CSIRO** and **BOM**. These data are accessible through a series of tools that allow external users to view, query, and retrieve the data via the internet and the world wide web.

This is the simplest method for most users. It provides access to any dataset which is connected to the eReefs Data Brokering Layer but as limited functionalities...

1.

The screenshot shows the ReefTemp Next Generation web portal. The header includes the Australian Government Bureau of Meteorology logo and navigation links: HOME, ABOUT, MEDIA, CONTACTS, and a search bar. Below the header, there are regional links: NSW, VIC, QLD, WA, SA, TAS, ACT, NT, AUSTRALIA, and ANTARCTIC. The main content area is titled "ReefTemp Next Generation" and includes a breadcrumb trail: Bureau Home > Environmental Information > Coastal information > ReefTemp Next Generation. A descriptive paragraph states that ReefTemp Next Generation provides high-resolution mapping products for coral bleaching risk in the Great Barrier Reef region, developed by the Bureau of Meteorology for eReefs under the National Plan for Environmental Information initiative. A link is provided for information on the 2020 marine heatwave. Below this, there is a date selection field set to "2021-Jul-12" and navigation arrows. The "Products (select one)" section has radio buttons for Sea Surface Temperature (SST), Sea Surface Temperature Anomaly (SSTA) (which is selected), Degree Heating Days (DHD)*, Degree Heating Days Count (DHDC)*, and Mean Positive Summer Anomaly (MPSA)*. A note indicates that the last three products are only available from 1 December to 31 March. The "Parameters (select multiple)" section has a checkbox for "1-day (IMOS climatology)". On the right, a map titled "IMOS 14-day Mosaic: SST Anomaly 12 July 2021 GBR region" shows a heatmap of the Great Barrier Reef area with a color scale from yellow to red, indicating temperature anomalies. A latitude marker for 12°S is visible on the left side of the map. A left-hand sidebar contains a menu with categories: Environmental Information, Coastal information, Atmospheric composition, Coordination, Environmental accounts, Information infrastructure, Products and services directory, and Research and collaboration.

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2.

