

The ESA ESRIN browse products and browsing tools for ATSR data

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Abstract

ESA ESRIN has recently developed a system for the automatic generation of ATSR browse products directly from ERS Low Rate transcribed Data. The primary objective of this browse is to provide the visibility of the ATSR data set to improve ATSR full resolution products access. Each browse product, generated from ATSR rectified and sub-sampled nadir scanlines is consisting of ancillary information plus a quick-look image which shows the main data features like: clouds, land sea, sunglint and ice. Each browse image is first generated as a single ascending or descending orbital segment and then framed according ESA standard ATSR full resolution product framing before being ingested into the browsing system which is proposed in two "flavours" : The ESRIN WWW image browser integrated into a multi-mission environment and the ABS CD Browser. The latter one is today provided to users as an experimental delivery and it includes ATSR browse data and a browsing system compatible with different software platforms.