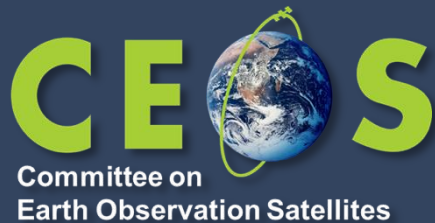


WGISS-61

AVHRR

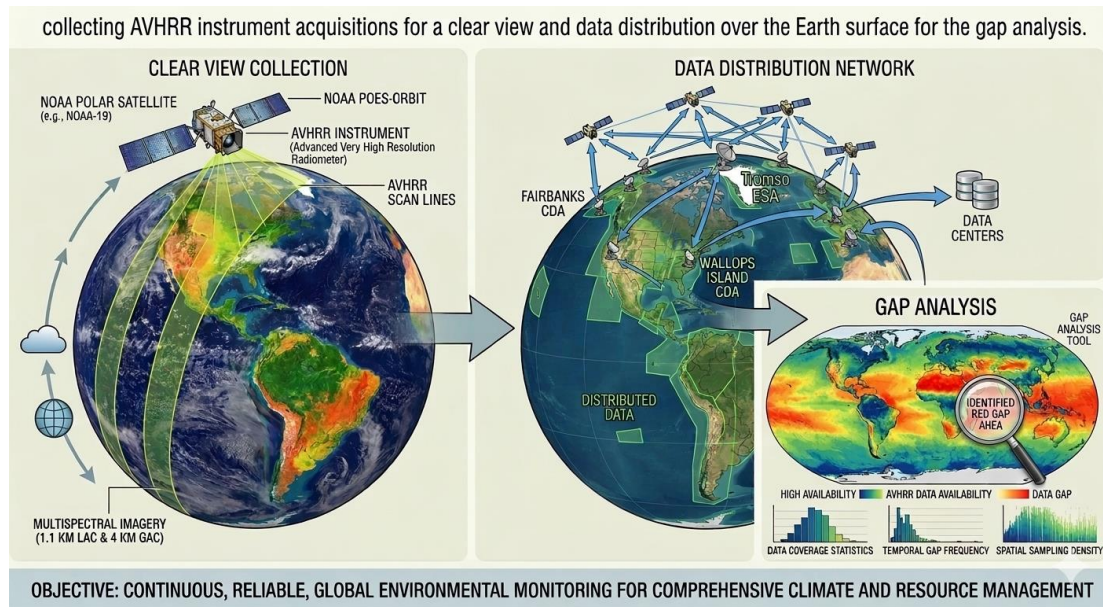
GeoTools

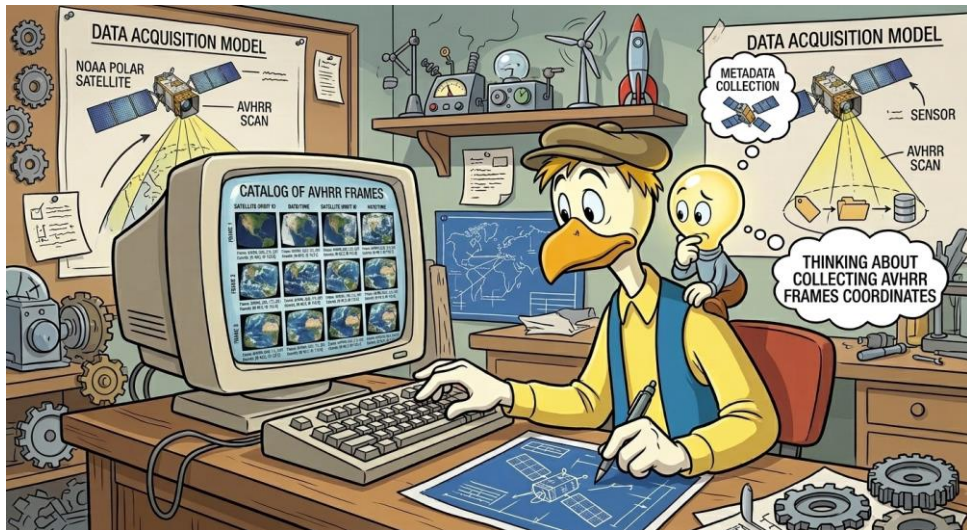


S. Folco, Starion for ESA
Agenda Item 8.3
WGISS-61
16-20 March 2026
Dehradun, India

Objects

collecting AVHRR instrument acquisitions for a clear view and data distribution over the Earth surface for the gap analysis.





Extracted up to now:

- NOAA CLASS metadata (**492299** records)
- ESA metadata (**266519** records)

with filename, acquisition day, scene coordinates

```
WUE_RFRD_AVRH_LIC_IP_19810101T092017_19810101T092220_007878_v0100.ZIP.19810101,79.151390 -48.594497 24.270500 -38.096714 29.780269 -8.600826 66.285528 35.141112
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ESA AVHRR geoTool



NOAA

Comprehensive Large Array-data
Stewardship System (CLASS)
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



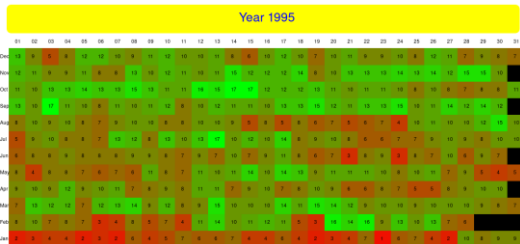
Frames Extractor

Catalogues/
EsaCatalogue
NoaaCatalogue

INPUT

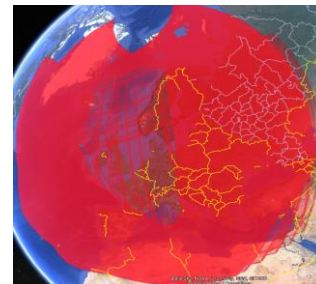
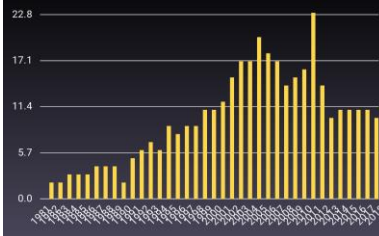
GeoTool

INPUT



Products list

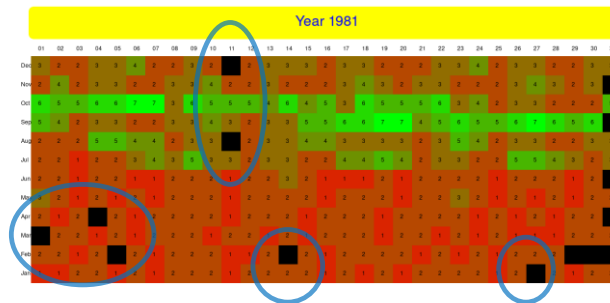
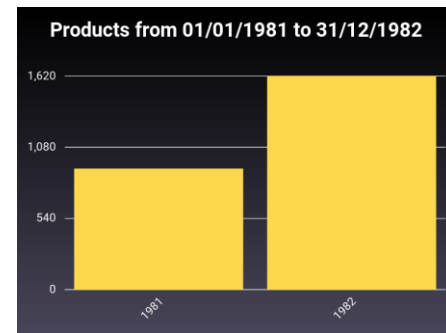
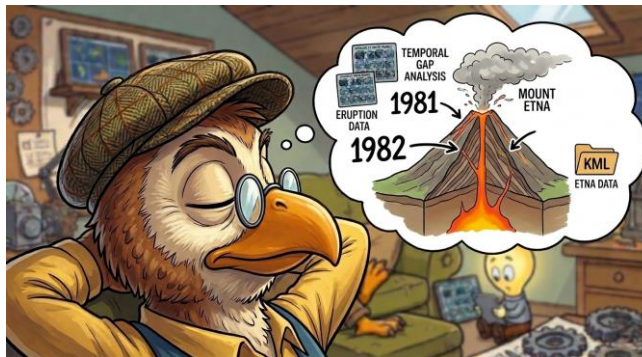
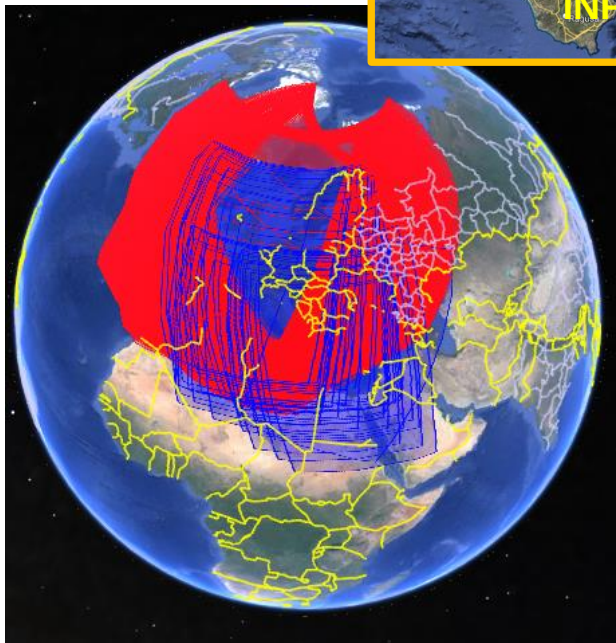
Daily average products per year 1979 - 2024



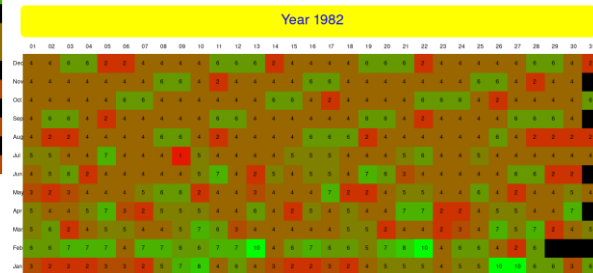
OUTPUT

Example: Etna

NOAA metadata
ESA metadata

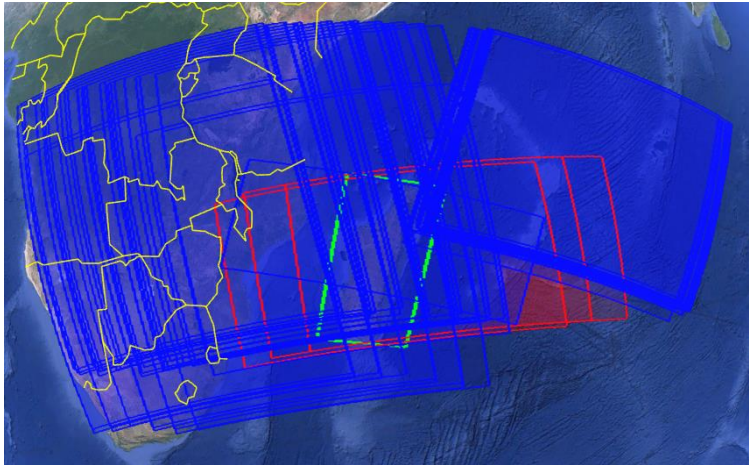
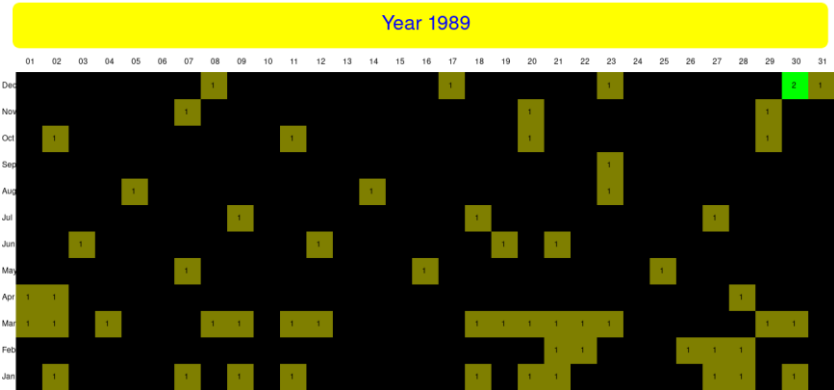


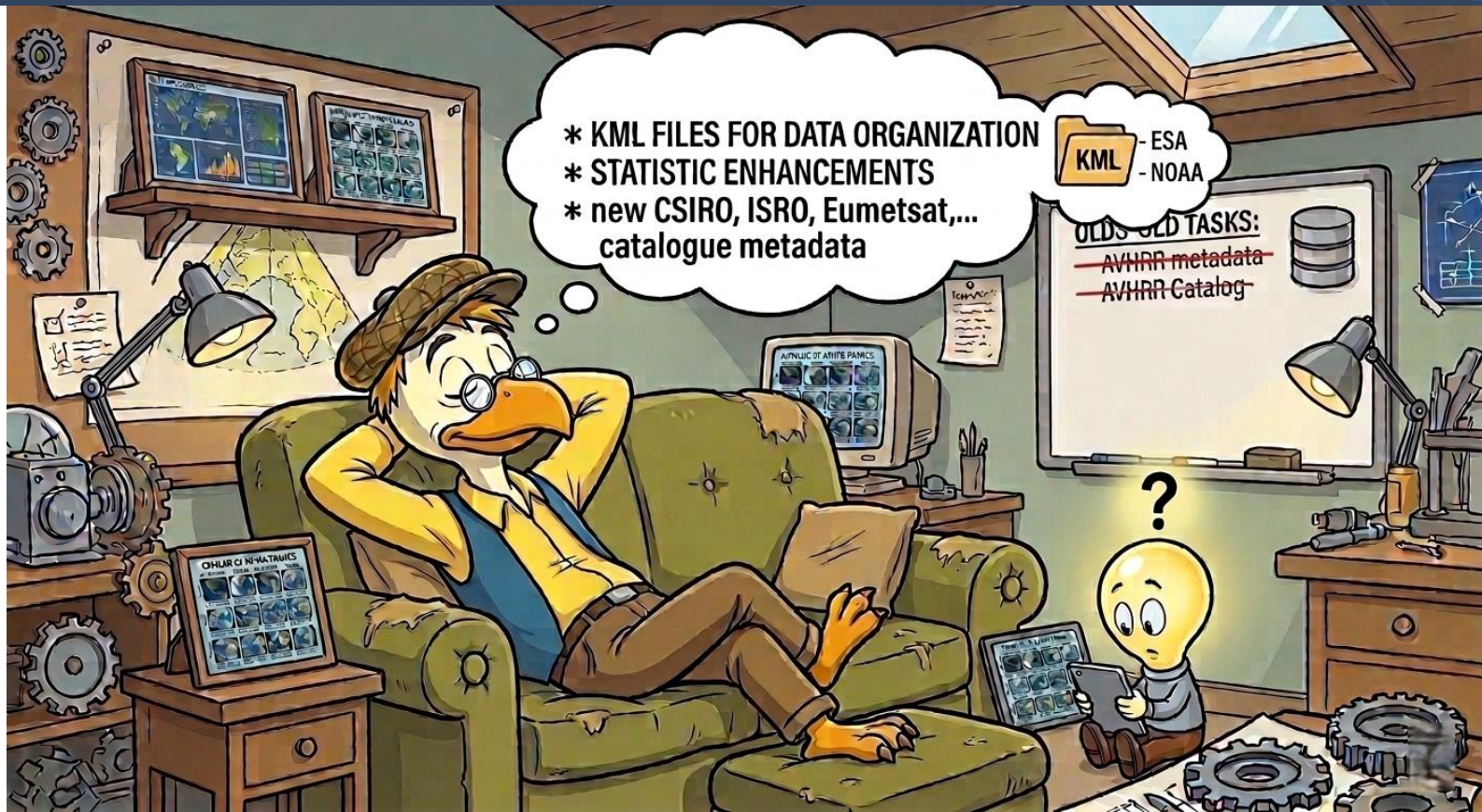
Missing data



Example: Madagascar

NOAA metadata
ESA metadata







To: s.folco@stariongroup.eu, mirko.albani@esa.int,
ess.preservation.service@stariongroup.eu

Subject: