The CoastWatch Utilities
2021 Update

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Terrenus Earth Sciences for
NOAA/NESDIS CoastWatch Central Operations
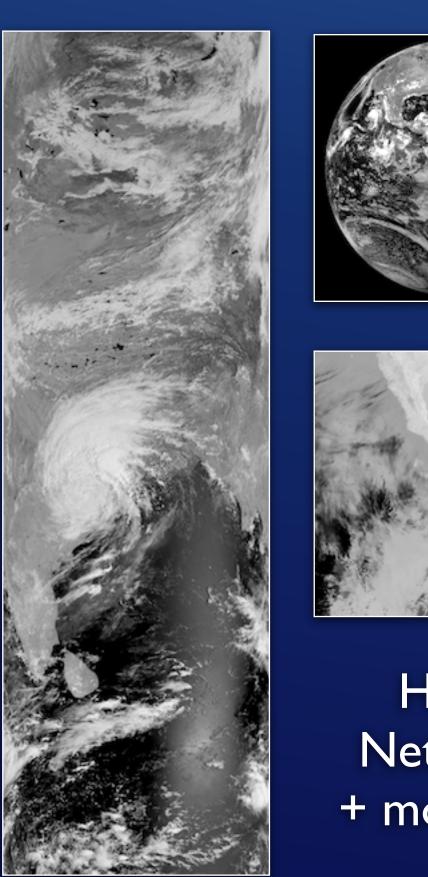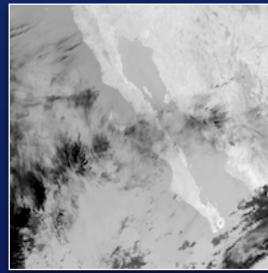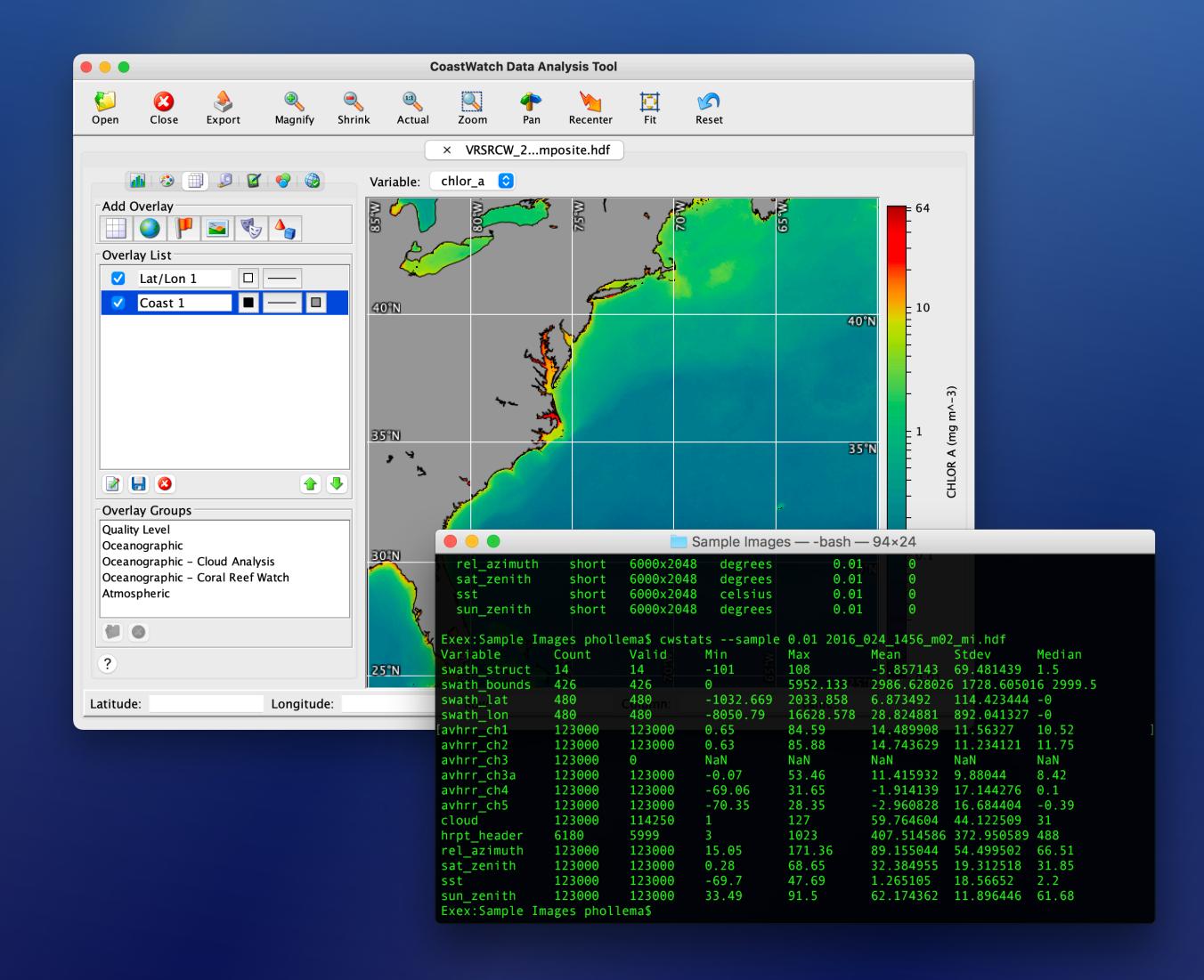
CoastWatch Annual Meeting, Virtual Version (East Coast Node), Sep 2021

The CoastWatch Utilities are designed to process and transform satellite data in useful ways for data producers and users.
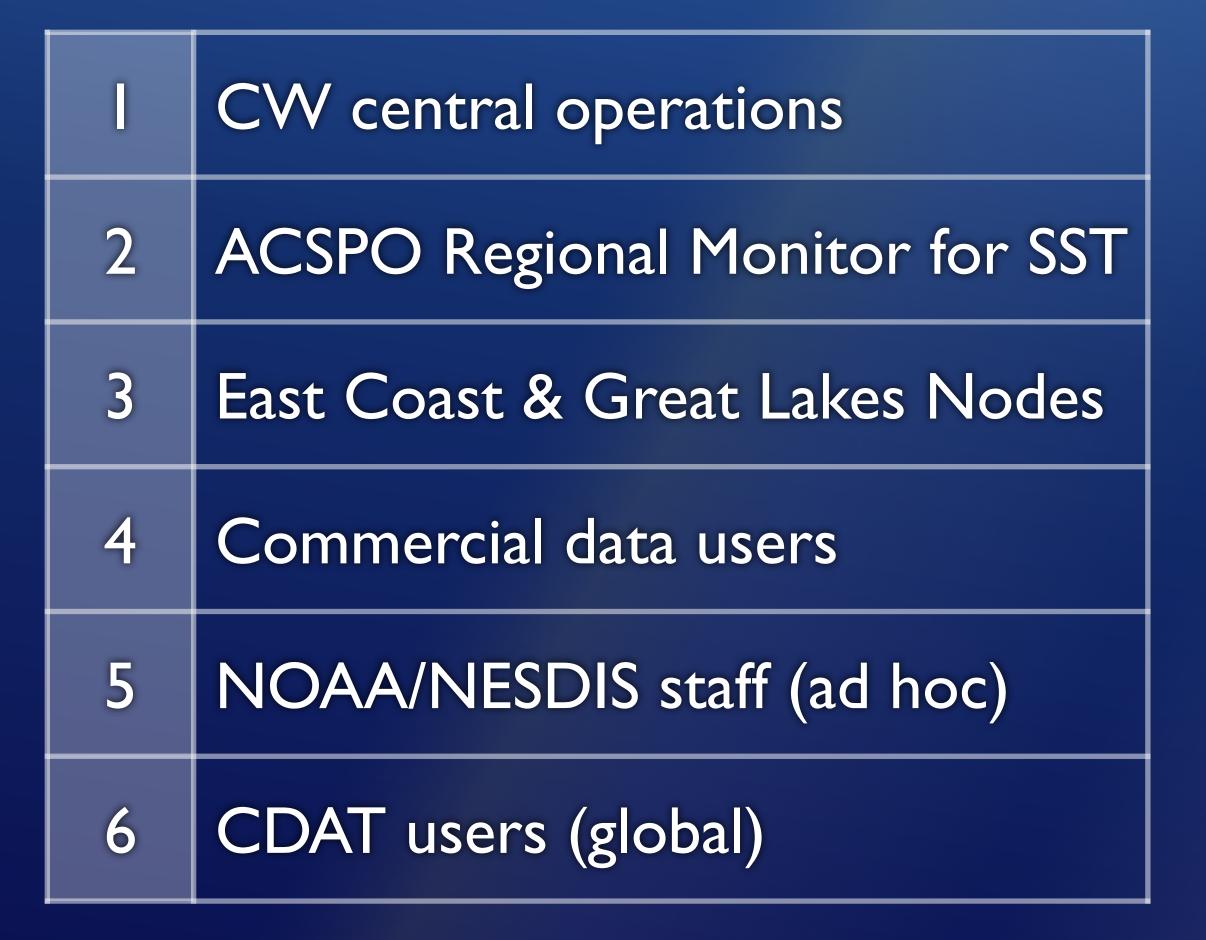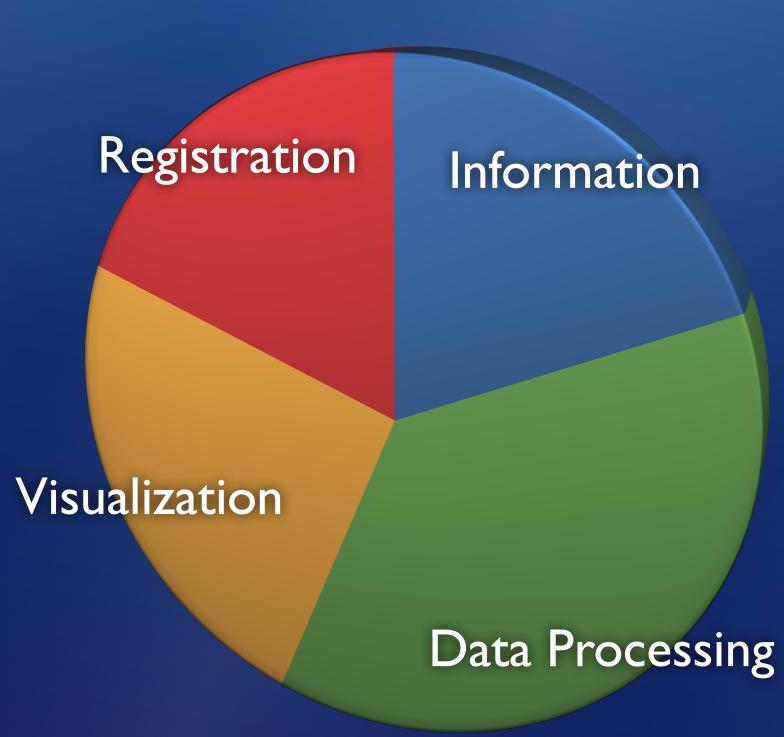
The software is actively used by a number of groups and forms an essential part of data processing systems.

Use of functionality

1	CW central operations
2	ACSPO Regional Monitor for SST
3	East Coast & Great Lakes Nodes
4	Commercial data users
5	NOAA/NESDIS staff (ad hoc)
6	CDAT users (global)

Registration

Information

Visualization

Data Processing

New versions are created twice a year and distributed from the CoastWatch central operations website.
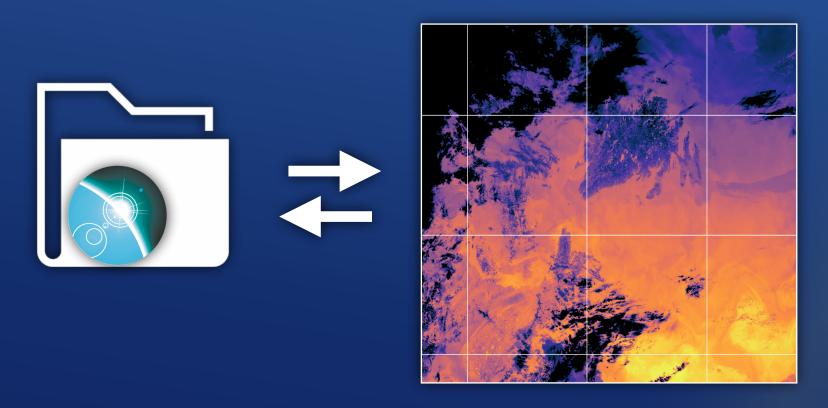
~6-month release schedule

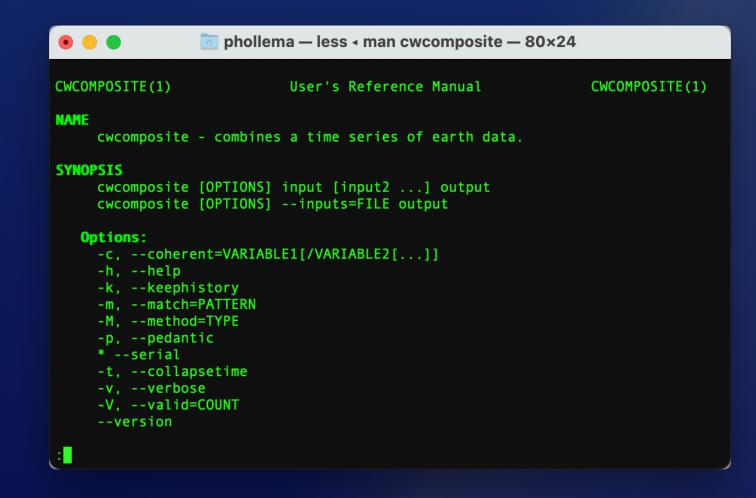|	
Aug 2020	3.6.0
Mar 2021	3.6.1
Sep 2021	3.7.0

Windows

Mac

Linux

Installable packages: coastwatch.noaa.gov (look under User Resources)
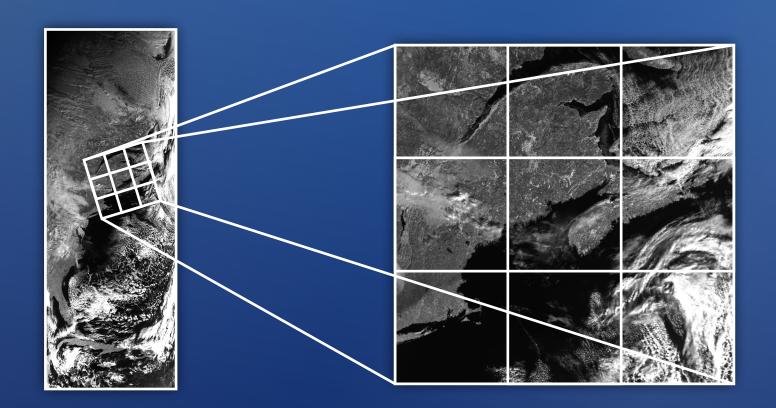Open source: github.com/phollemans/cwutils

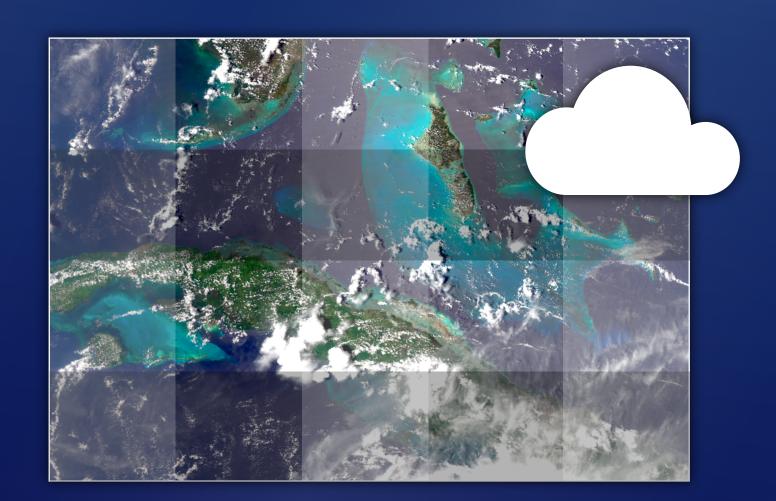The latest version includes a number of useful improvements.

NetCDF file read/write

Registration algorithms

Documentation

Cloud optimization

Demo