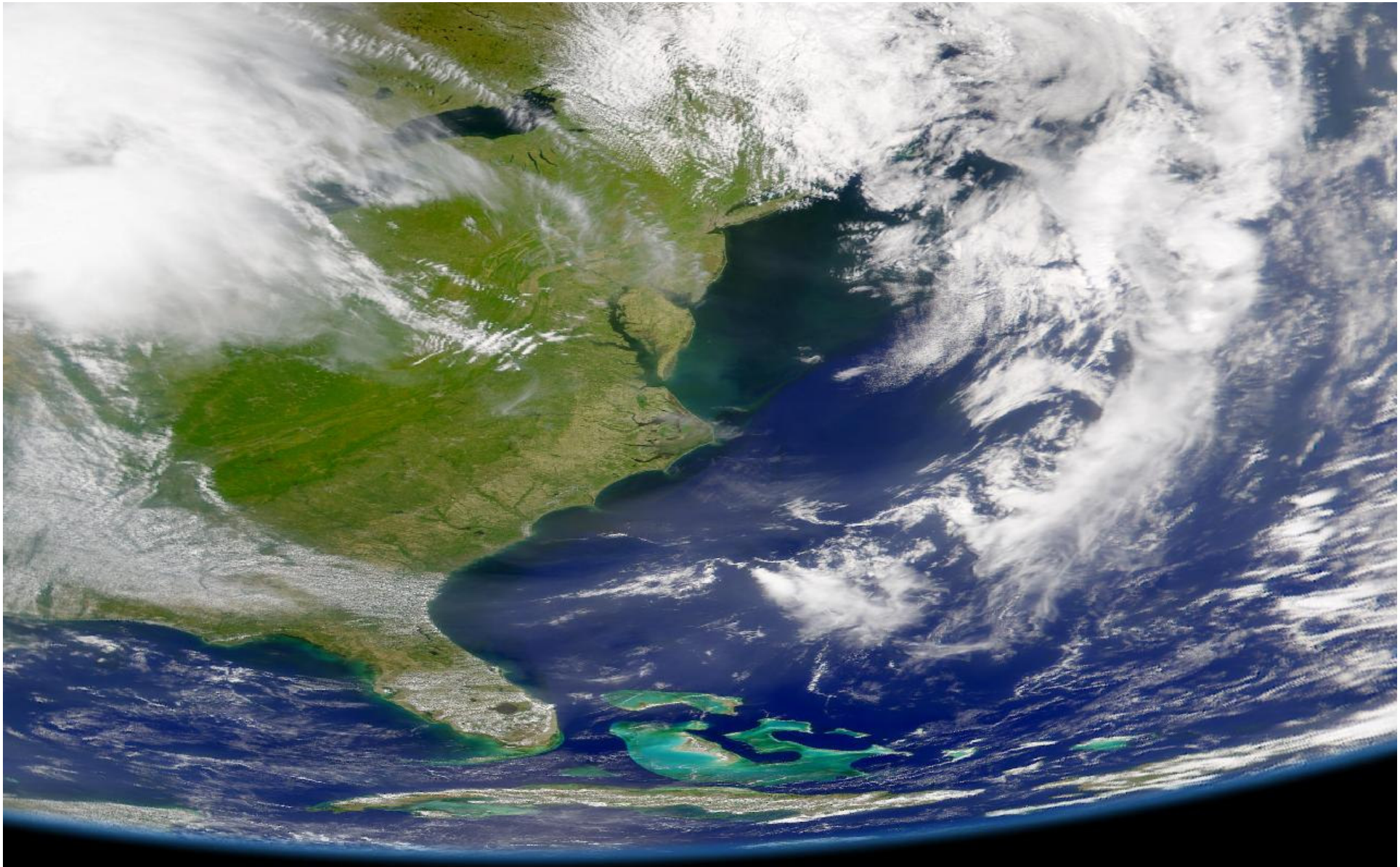
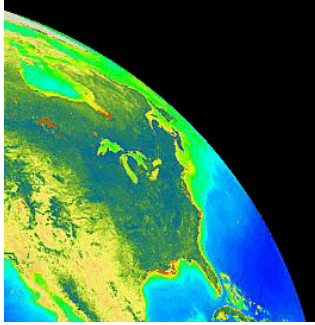


From Missions to Measurements: an Ocean Discipline Experience

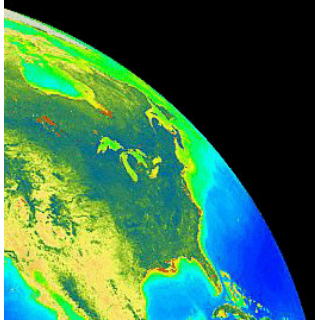
Goal

To make available the highest quality ocean color data to the broadest user community in the most timely and efficient manner possible.



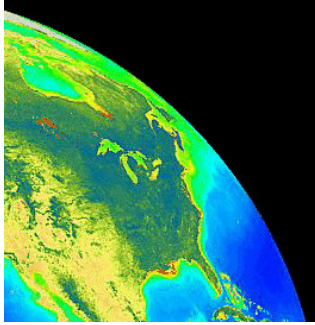
Built on Lessons Learned

- highly integrated project structure with all elements co-located - continuous communication.



Lessons Learned

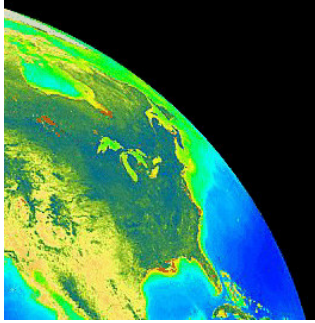
- highly integrated project structure with all elements co-located - continuous communication.
- flexible data processing system that constantly upgrades procedures, technologies and equipment.



Lessons Learned

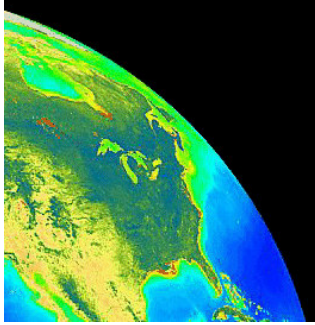
- highly integrated project structure with all elements co-located - continuous communication.
- flexible data processing system that constantly upgrades procedures, technologies and equipment.

SCIENCE drives the system rather than the SYSTEM driving the science



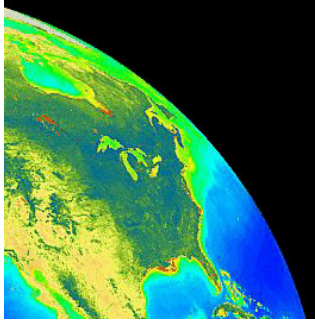
Lessons Learned

- highly integrated project structure with all elements co-located - continuous communication.
- flexible data processing system that constantly upgrades procedures, technologies and equipment.
- comprehensive, but centralized, calibration and validation program closely coupled to the data processing and quality control system.



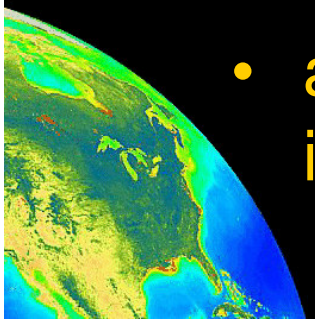
Lessons Learned

- highly integrated project structure with all elements co-located - continuous communication.
- flexible data processing system that constantly upgrades procedures, technologies and equipment.
- comprehensive, but centralized, calibration and validation program closely coupled to the data processing and quality control system.
- distinct software development program dedicated to providing user friendly data processing software to the community



Lessons Learned

- highly integrated project structure with all elements co-located - continuous communication.
- flexible data processing system that constantly upgrades procedures, technologies and equipment.
- comprehensive, but centralized, calibration and validation program closely coupled to the data processing and quality control system.
- distinct software development program dedicated to providing user friendly data processing software to the community
- a project philosophy designed to support and involve as large a community as possible

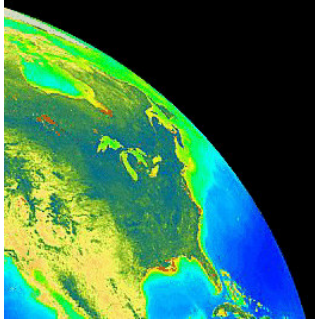


Current Capabilities

Fully automated, distributed data system for acquiring, processing, analyzing, archiving, and distributing scientific data

Approximately 20 - 30 distributed multiprocessor Linux PC's with 60 terabytes of online storage shared by all project components including web/ftp-based data distribution system.

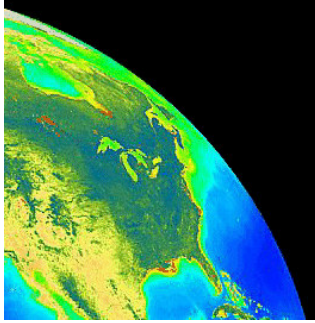
processing rate for SeaWiFS global data currently at 3000x and MODIS/Aqua 80x



Processing Scenario

Described in detail under the documents section of the OceanColor Web at the link:

MODIS Processing Overview



Data Access and Community Support

- SeaDAS enhancement

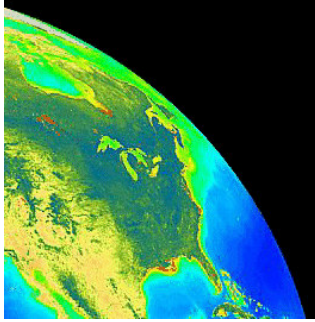
  Full MODIS ocean processing support starting with level-0 (direct broadcast users).

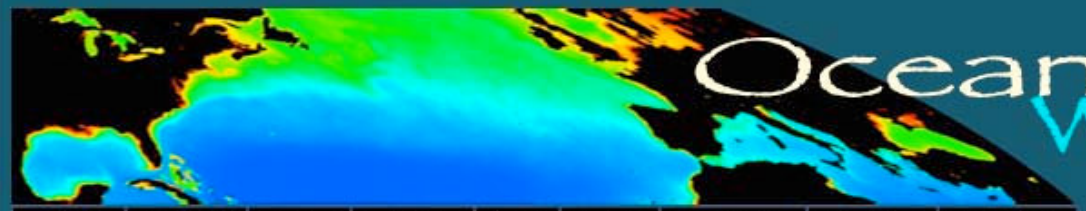
- Research campaign support

  global ocean color and sst data available for distribution within 3-4 hours of acquisition by the spacecraft.

- Web/FTP-based data access and distribution

  web/ftp-based browse and order tool that allows everything from a single file to the entire multi-mission data set to be downloaded. Doing this within the discipline group adds flexibility and quick response for new products prior to them being designated as “CDR’s”





OceanColor WEB

MODIS | SeaWiFS | IOCCG | Products | News | People | Documents | Validation | Questions

Data Access

Level 1 and 2 Browser

Visually search the ocean color data archive and directly download and/or order data from single files to the entire mission. Extensive online HELP and tutorials available.

Level 3 Browser

Browse the entire Level 3 global ocean color data set for many parameters and time periods and download either JPEG images or digital data in HDF format.

Data Subscriptions

Request a subscription for Aqua data to be staged on an FTP site. You can check the status of an existing subscription.

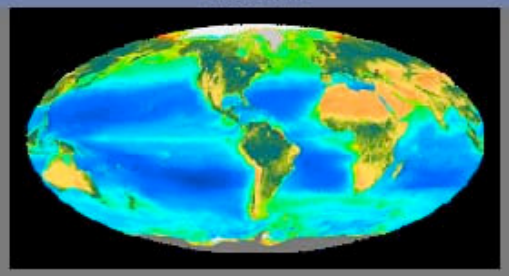
Oceans FTP Site

The Oceans FTP site contains the most recent 10 days worth of all MODIS/Aqua data and products, as well as the complete Level 3 mapped and binned data archive.

GES DAAC

The GES DAAC hosts the recently reprocessed MODIS/Terra ocean color data, the SeaWiFS, OCTS, and CZCS data sets and Terra and Aqua SST data (in conventional MODIS format).

Latest News



Welcome to the new OceanColor Web

This site is intended to serve as the entry point into all of NASA's ocean color-related activities as part of the evolution of the individual ocean mission-based activities into an integrated ocean measurement-based program.

We have just begun the process of integrating the various mission-specific services, information, and documentation that have been developed over a number of years, so we expect that this website will be evolving quite rapidly. We encourage everyone to use the online forum, which is linked through the *Questions* button above, to provide feedback, ask questions and offer suggestions.

Subscribe: Ocean Mailing List

Ocean Color Distribution Statistics

Support Services

SeaDAS

SeaDAS is a comprehensive image analysis package for the processing, display, analysis, and quality control of ocean color data.

SeaBASS

SeaBASS is an archive of in situ oceanographic and atmospheric data used for algorithm development and satellite validation.

Cruise Support Services

Overflight predictions; Near real-time imagery and data for cruise support.

SeaWiFS User Authorization

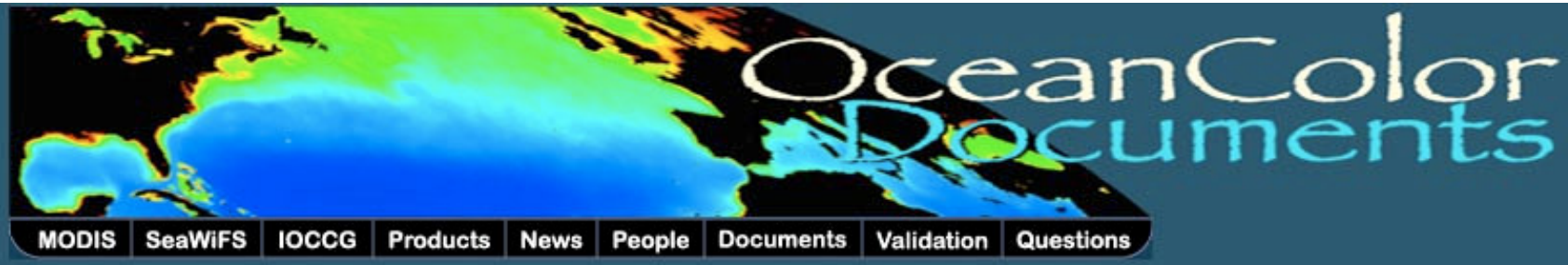
Use this online form to request authorization to use SeaWiFS data. Currently authorized SeaWiFS researchers can **request a password** to download data from this website.

MQABI

MODIS (Ocean) Quality Assurance Browse Imagery Tool that allows access to MODIS Sea Surface Temperature products and statistics.

Employment Opportunities (IOCCG listings)

http://oceancolor.gsfc.nasa.gov



MODIS Processing Overview (30kB)

An overview of the processing of MODIS ocean color data within the SDPS (SeaWiFS Data Processing System)

MSl12 User Guide (34kB)

A user's guide to the MSl12 software (**M**uti-**S**ensor **l**evel **1** to **2** processing code)
NOTE: This document is currently being revised to reflect recent changes to the code that enable processing of MODIS data.

Data Format Specifications

SeaWiFS Technical Memoranda Series

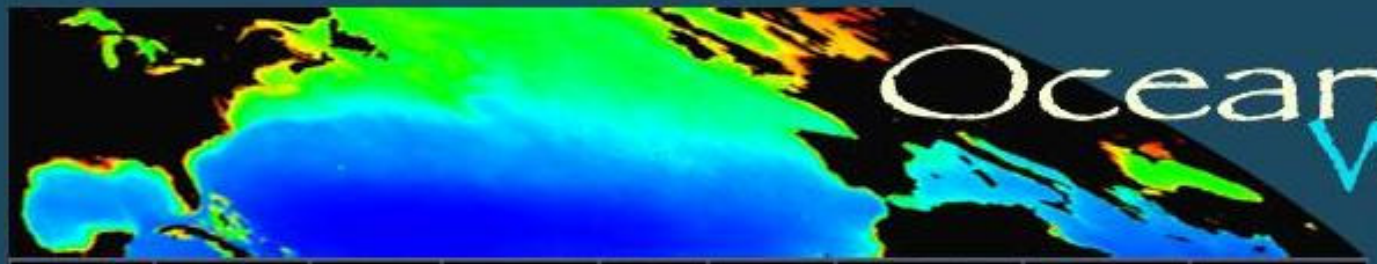
- Post-launch Series
- Pre-launch Series

Ocean Optics Protocols for Satellite Ocean Color Sensor Validation

- Volume I (729kB)
- Volume II (1.4MB)
- Volume III (1.1MB)
- Volume IV (1.3MB)
  - Volume IV, Errata (19kB)
- Volume V (942kB)
- Volume VI (5.3MB)
- Volume VI, Part 2 (971kB)

The SeaWiFS Bio-optical Archive and Storage System (SeaBASS): Current Architecture and Implementation (2.3MB)

Forum	Topics	Posts	Last Post
OceanColor			
OceanColor Announcement Announcements of general interest to the entire Ocean Color community will be posted under this section. Mission and function-specific announcements and discussion can be found in the forums below. Moderators gene, James Acker	18	18	Mon Jun 21, 2004 11:58 am gene
OceanColor: Ask a Question Moderator gene	16	35	Wed Jul 07, 2004 7:05 am gene carl feldman
Algorithms and Products			
Satellite Data Products & Algorithms Discussion of ocean color algorithms, atmospheric correction methods, satellite sensor calibration, derived products. Moderators sean, gene, bryan, jeremy	31	87	Fri Jul 09, 2004 7:11 pm Pina
Satellite Data Access Issues relating to data browsing and search and order. Moderators norman, sean, gene, bryan, jimc	28	63	Wed Jul 07, 2004 10:11 am sean
Mission Events Spacecraft-related events that may impact data availability or quality. Moderators gene, Donna	2	2	Fri Apr 23, 2004 11:17 am gene
Field Data Discussions regarding SeaBASS, in situ data access, and data collection protocol. Moderators sean, gene, jeremy	5	11	Wed Jun 16, 2004 8:42 am jeremy
SeaDAS			
SeaDAS Announcement Announcements of interest to the SeaDAS user community concerning topics such as new releases, updates and issues. Moderators mark, gene	6	7	Mon Jun 21, 2004 9:47 am mark
SeaDAS: Ask a Question Moderators mark, gene, bryan	26	63	Fri Jul 09, 2004 7:35 am jeremy
Ocean Color Working Group Discussion			
Ocean Color Working Group Announcement This forum will serve as a means of communication among and between the various working groups who will be addressing a number of specific measurements/data products/algorithms for ocean color research.	1	1	Tue Jun 29, 2004 11:57 am gene



MODIS | SeaWiFS | IOCCG | Products | News | People | Documents | Validation | Questions

Data Subscription Request

Email address:

Renew Expired Subscription

North	South	West	East

Start Date: 09 Apr 2004

End Date: None None None

Level 1 Level 2 Ancillary Data Attitude/Ephemeris

Wait for Refined Processing Daytime Granules Nighttime/Mixed Granules

Submit New Request Help Clear

Curator: OceanColor Webmaster
Authorized by: gene carl feldman
Updated: 29 March 2004

Security, Privacy, and Accessibility Policy

NASA

ODPS Data Subscription System

Subscriptions for : all at Mon Jul 12 08:49:12 2004 EDT

There are currently 60 subscriptions

Also See Expired Subscriptions

Edit	Id	Email Address	N	S	W	E	Hits	Start Date	Stop Date	RF	Create Date	Last File Staged At	Last 24 hrs
Modify	141	beman@stanford.edu	32.5°	22.5°	-117°	-107°	15	Jul 9 2004	Jul 23 2004		Jul 7 2004 10:43AM EDT	Jul 12 2004 1:02AM EDT	7
Modify	140	heidi.dierssen@uconn.edu	56°	37°	-66°	-46°	121	Jul 1 2004	Jul 30 2004		Jul 1 2004 12:11PM EDT	Jul 11 2004 5:33PM EDT	13
Modify	139	mhe@itsc.uah.edu	22°	6°	-94°	-76°	86	Jun 29 2004	Continuous		Jun 29 2004 3:38PM EDT	Jul 11 2004 8:05PM EDT	7
Modify	137	tjsm@pml.ac.uk	-40°	-50°	40°	60°	61	Jul 1 2004	Jan 31 2005		Jun 23 2004 6:19AM EDT	Jul 12 2004 8:09AM EDT	5
Modify	136	ryan.weatherbee@umit.maine.edu	55°	35°	-66°	-42°	128	Jun 17 2004	Continuous	✓	Jun 17 2004 1:54PM EDT	Jul 12 2004 7:45AM EDT	0
Modify	135	ryan.weatherbee@umit.maine.edu	55°	35°	-66°	-42°	259	Jun 17 2004	Continuous		Jun 17 2004 1:52PM EDT	Jul 11 2004 5:33PM EDT	13
Modify	134	yhlee@yanan.xmu.edu.cn	28°	21°	116°	123°	111	Jun 17 2004	Continuous		Jun 17 2004 4:20AM EDT	Jul 12 2004 6:30AM EDT	3
Modify	133	tora@fksh.fc.u-tokai.ac.jp	14°	12°	99°	102°	68	Jun 14 2004	Continuous		Jun 14 2004 6:54PM EDT	Jul 12 2004 6:50AM EDT	2
Modify	132	cylin@mail.tfrin.gov.tw	29°	19°	116°	126°	149	Jun 9 2004	Continuous		Jun 9 2004 12:21PM EDT	Jul 12 2004 6:45AM EDT	4
Modify	131	sergio.vallina@icm.csic.es	90°	-90°	180°	1°	1823	Jun 9 2004	Continuous	✓	Jun 9 2004 9:48AM EDT	Jul 12 2004 8:49AM EDT	0
Modify	130	kudela@ucsc.edu	47.5°	45°	-126°	-123.5°	107	Jun 14 2004	Aug 18 2004		Jun 7 2004 4:55PM EDT	Jul 12 2004 1:02AM EDT	5
Modify	129	hgomes@bigelow.org	35°	5°	30°	80°	309	Jun 3 2004	Continuous	✓	Jun 3 2004 2:29PM EDT	Jul 12 2004 8:33AM EDT	0
Modify	128	ryan.weatherbee@umit.maine.edu	47°	39°	-73°	-63°	193	Jun 3 2004	Continuous		Jun 3 2004 10:34AM EDT	Jul 11 2004 5:33PM EDT	6
Modify	127	adc@aims.gov.au	-5°	-18°	126°	148°	177	Jun 1 2004	Continuous		Jun 2 2004 12:36AM EDT	Jul 11 2004 3:29PM EDT	6
Modify	126	adc@aims.gov.au	-8°	-25°	112°	134°	228	Jun 1 2004	Continuous		Jun 2 2004 12:35AM EDT	Jul 11 2004 4:58PM EDT	8
Modify	125	adc@aims.gov.au	-8°	-25°	142°	158°	158	Jun 1 2004	Continuous		Jun 2 2004 12:35AM EDT	Jul 11 2004 3:29PM EDT	6
Modify	124	chris.rathbone@csiro.au	-43°	-57°	63°	82°	91	Jun 1 2004	Sep 1 2005	✓	Jun 1 2004 8:17PM EDT	Jul 12 2004 8:28AM EDT	0
Modify	123	charles.hatt@altarum.org	46.5°	41.5°	-88°	-84°	181	May 28 2004	Continuous		May 28 2004 4:16PM EDT	Jul 11 2004 6:41PM EDT	5
Modify	121	dbeghoura@wanadoo.fr	80°	30°	-40°	60°	1618	May 26 2004	Continuous	✓	May 26 2004 11:25AM EDT	Jul 12 2004 8:49AM EDT	62
Modify	120	dbeghoura@wanadoo.fr	80°	20°	20°	60°	1208	May 26 2004	Continuous	✓	May 26 2004 11:18AM EDT	Jul 12 2004 8:49AM EDT	76

Multi-Mission Browse and Order Page - Showing navigation tools

Selection = Full MODIS/Aqua Mission - Chlorophyll

SST | SeaWiFS User Login

Comment | Help

SeaWiFS

GAC | LAC | HRPT | MLAC

MODIS (Aqua)

Radius (*km*) about map click or typed-in location:

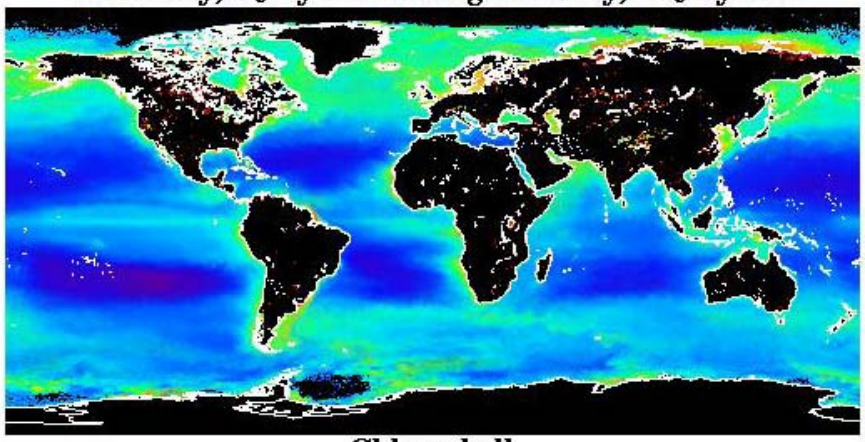
36 400 800 1200 1500

Select swaths containing *(at least)*:

any part 25 % 50 % 75 % all of the area of interest.

Display results 10 at a time.

Wednesday, 3 July 2002 through Monday, 12 July 2004



Chlorophyll

Select one or more regions:

AdriaticSea
AegeanSea
Antarctica
ArabianSea
AralSea
Australia
Azores

or specify boundary coordinates or a single location:

N:

W: :E

S:

or check this box to select all of this time period's scenes.

Find swaths

Reconfigure page

Mission: 2002 | 2003 | 2004 — J F M A M J J A S O N D

May 2004

S	M	T	W	T	F	S
						1 ^^^
2 ^^^	3 ^^^	4 ^^^	5 ^^^	6 ^^^	7 ^^^	8 ooo
9 ooo	10 ooo	11 ooo	12 ooo	13 ooo	14 ooo	15 ooo
16 ***	17 ***	18 ***	19 ***	20 ***	21 ***	22 ***
23 ***	24 xxx	25 xxx	26 xxx	27 xxx	28 xxx	29 xxx
30 xxx	31 xxx					

June 2004

S	M	T	W	T	F	S
		1 ^^^	2 ^^^	3 ^^^	4 ^^^	5 ^^^
6 ^^^	7 ^^^	8 ^^^	9 ooo	10 ooo	11 ooo	12 ooo
13 ooo	14 ooo	15 ooo	16 ooo	17 ***	18 ***	19 ***
20 ***	21 ***	22 ***	23 ***	24 ***	25 xxx	26 xxx
27 xxx	28 xxx	29 xxx	30 xxx			

July 2004

S	M	T	W	T	F	S
				1 xxx	2 xxx	3 ^^^
4 ^^^	5 ^^^	6 ^^^	7 ^^^	8 ^^^	9 ^^^	10 ^^^
11 ooo	12 ooo	13 ooo	14 ooo	15 ooo	16 ooo	17 ooo
18 ooo	19 ***	20 ***	21 ***	22 ***	23 ***	24 ***
25 ***	26 ***	27 xxx	28 xxx	29 xxx	30 xxx	31 xxx

OceanColor

Selection = Single Day MODIS/Aqua Mission - Cholrophyll
For next screen, click on map near Central America

SeaWiFS User Login | Comment

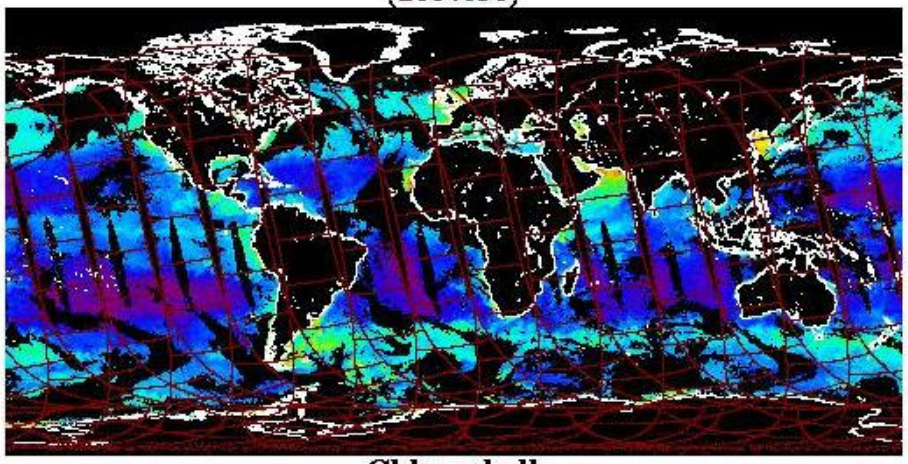
SeaWiFS
GAC LAC HRPT MLAC
MODIS (Aqua)

Radius (*km*) about map click or typed-in location:
36 400 800 1200 1500

Select swaths containing *(at least)*:
any part 25 % 50 % 75 % all of the area of interest.

Display results 10 at a time.

Saturday, 7 February 2004
(2004038)



Chlorophyll

Select one or more regions:
AdriaticSea
AegeanSea
Antarctica
ArabianSea
AralSea
Australia
Azores

or specify boundary coordinates or a sing location:
N:
W: :E
S:
or check this box to select all of this time period's scenes.
Find swaths

Reconfigure page

Mission		J	F	M	A	M	J	J	A	S	O	N	D
	2002	J	F	M	A	M	J	J	A	S	O	N	D
	2003	J	F	M	A	M	J	J	A	S	O	N	D
	2004	J	F	M	A	M	J	J	A	S	O	N	D

January 2004

S	M	T	W	T	F	S
				1 000	2 000	3 000
4 000	5 000	6 000	7 000	8 000	9 ***	10 ***
11 ***	12 ***	13 ***	14 ***	15 ***	16 ***	17 xxx
18 xxx	19 xxx	20 xxx	21 xxx	22 xxx	23 xxx	24 xxx
25 ^^^	26 ^^^	27 ^^^	28 ^^^	29 ^^^	30 ^^^	31 ^^^

February 2004

S	M	T	W	T	F	S
1 ^^^	2 000	3 000	4 000	5 000	6 000	7 000
8 000	9 000	10 ***	11 ***	12 ***	13 ***	14 ***
15 ***	16 ***	17 ***	18 xxx	19 xxx	20 xxx	21 xxx
22 xxx	23 xxx	24 xxx	25 xxx	26 ^^^	27 ^^^	28 ^^^
29 ^^^						

March 2004

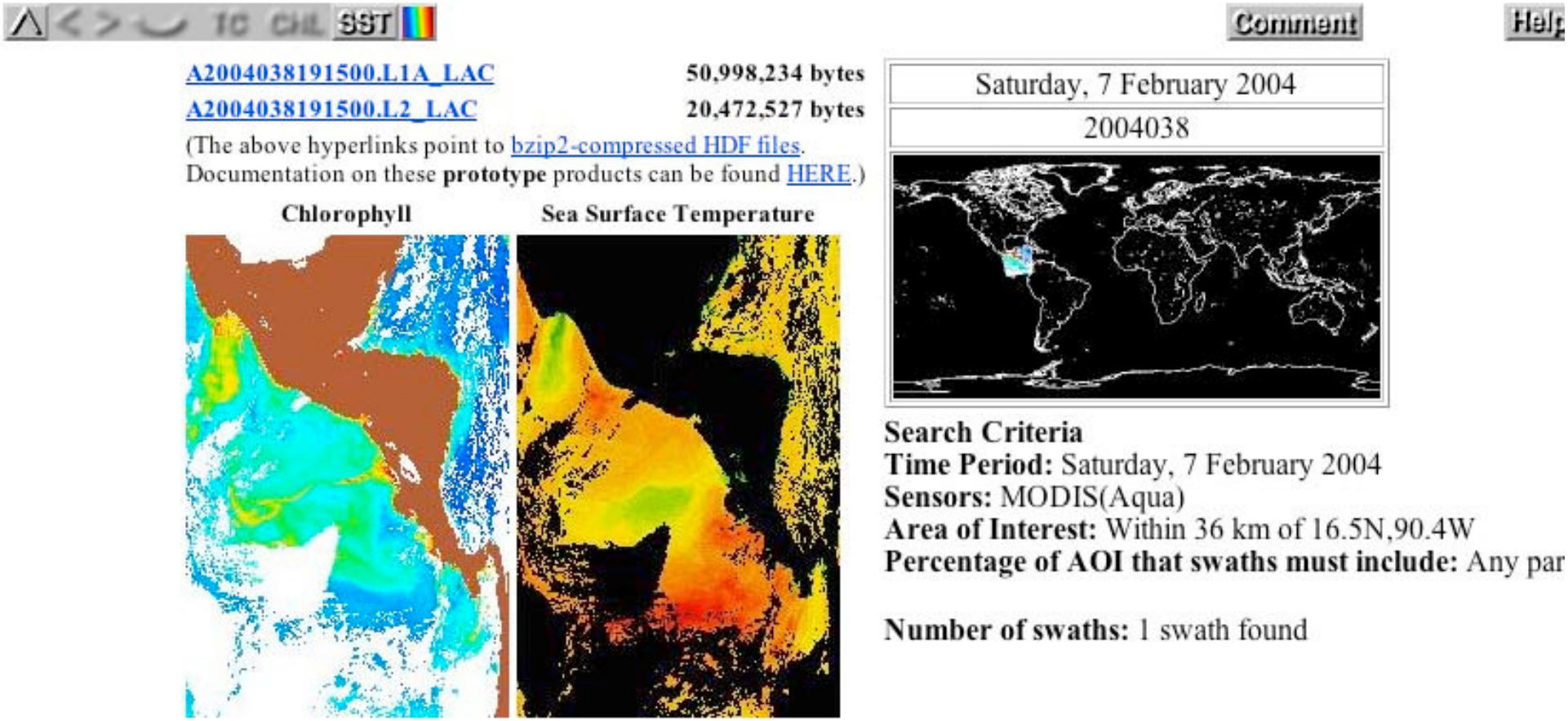
S	M	T	W	T	F	S
	1 ^^^	2 ^^^	3 ^^^	4 ^^^	5 000	6 000
7 000	8 000	9 000	10 000	11 000	12 000	13 ***
14 ***	15 ***	16 ***	17 ***	18 ***	19 ***	20 ***
21 xxx	22 xxx	23 xxx	24 xxx	25 xxx	26 xxx	27 xxx
28 xxx	29 ^^^	30 ^^^	31 ^^^			

OceanColor WEB

Single file (level-1 or level-2) browse and download page

From this page one can directly download the compressed data Files in either level-1 or level-2 format as well as the supporting documentation.

The next example shows how to order all the files acquired over a week covering a given geographic region.



Selection = Eight Day MODIS/Aqua Mission
Next Screen: select ALL the Aqua files that cover east coast of the United States during this period by clicking on the map

SeaWiFS User Login | Comment | Help

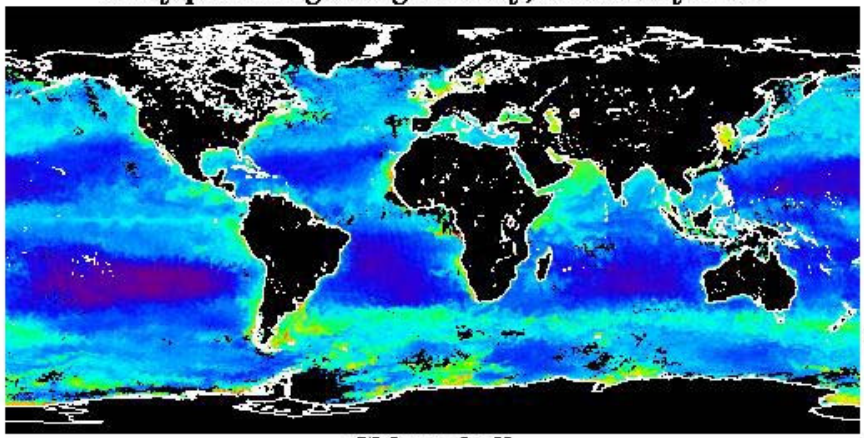
SeaWiFS
GAC LAC HRPT MLAC
MODIS (Aqua)

Radius (*km*) about map click or typed-in location:
36 400 800 1200 1500

Select swaths containing *(at least)*:
any part 25 % 50 % 75 % all of the area of interest.

Display results 10 at a time.

8-day period beginning Monday, 2 February 2004



Chlorophyll

Select one or more regions:
AdriaticSea
AegeanSea
Antarctica
ArabianSea
AralSea
Australia
Azores

or specify boundary coordinates or a single location:
N:
W: :E
S:

or check this box to select all of this time period's scenes.

Find swaths

Reconfigure page

Mission: 2002 | 2003 | 2004 — J F M A M J J A S O N D

January 2004

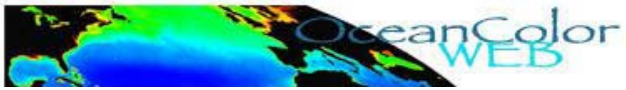
S	M	T	W	T	F	S
				1 000	2 000	3 000
4 000	5 000	6 000	7 000	8 000	9 ***	10 ***
11 ***	12 ***	13 ***	14 ***	15 ***	16 ***	17 xxx
18 xxx	19 xxx	20 xxx	21 xxx	22 xxx	23 xxx	24 xxx
25 ^^^	26 ^^^	27 ^^^	28 ^^^	29 ^^^	30 ^^^	31 ^^^

February 2004

S	M	T	W	T	F	S
1 ^^^	2 000	3 000	4 000	5 000	6 000	7 000
8 000	9 000	10 ***	11 ***	12 ***	13 ***	14 ***
15 ***	16 ***	17 ***	18 xxx	19 xxx	20 xxx	21 xxx
22 xxx	23 xxx	24 xxx	25 xxx	26 ^^^	27 ^^^	28 ^^^
29 ^^^						

March 2004

S	M	T	W	T	F	S
	1 ^^^	2 ^^^	3 ^^^	4 ^^^	5 000	6 000
7 000	8 000	9 000	10 000	11 000	12 000	13 ***
14 ***	15 ***	16 ***	17 ***	18 ***	19 ***	20 ***
21 xxx	22 xxx	23 xxx	24 xxx	25 xxx	26 xxx	27 xxx
28 xxx	29 ^^^	30 ^^^	31 ^^^			



These are all the Aqua files that covered the geographic region you Chose during the first 8 day period in February 2004. You can individually select which files you may want to order by clicking on the little box above the image (based on coverage, cloud cover,etc.) or just order them all.

SST SeaWiFS User Login Display 10 at a time. ORDER DATA Comment Help

A2004040173500.L2_LAC A2004039165000.L2_LAC A2004037170000.L2_LAC
A2004039183000.L2_LAC A2004037184000.L2_LAC

9Feb2004		8Feb2004			7Feb2004	6Feb2004			5Feb2004
****	****	****	****	****	****	****	****	****	****

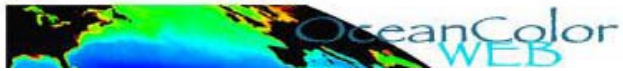
A2004040173000.L2_LAC A2004038174500.L2_LAC A2004036175500.L2_LAC
A2004039182500.L2_LAC A2004037170500.L2_LAC

Search Criteria
Time Period: 8-day period beginning Monday, 2 February 2004
Sensors: MODIS(Aqua)
Area of Interest: Within 400 km of 39.7N,71.4W

1 2

Percentage of AOI that swaths must include: Any part

Number of swaths: 1st through 10th of **18** swaths



Enter your email address.
gene.c.feldman@nasa.gov

In order to reduce the volume of data that you have to deal with, we can extract the geographical area indicated at right from the swaths you ordered before we place the data in our download area. (*This extraction currently only applies to SeaWiFS files.*)

Please choose one of the following options.
Do ◉ **Do not** ○ extract my order for me.

You may adjust the extraction region by altering the coordinates at right.

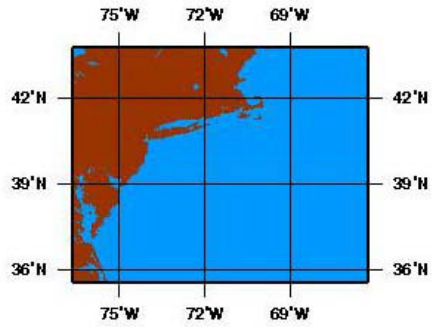
The default coordinates are the ones which circumscribe the area or areas of interest that you used to do your search. If you started your search by just clicking on the world map without specifying a larger search radius, then you may want to increase the size of your extract region since the default search radius is 36 kilometers.

All four coordinates are expected to be in decimal degrees. Degrees north of the equator and east of the Greenwich meridian should be positive, and degrees south of the equator and west of the Greenwich meridian should be negative.

SeaWiFS extracts are processible with SeaDAS.

North 43.79

West -76.66 **East** -66.26



South 35.53

Pick which data products you want for your selected scenes.
☐ Level 1

If you plan to process Level-1 files using SeaDAS, then you will also need the following.
☐ Meteorology & Ozone
☐ Attitude & Ephemeris *(MODIS only)*

☑ Level 2

You may select to receive only the following checked level-2 products if you wish. If you select none of these and simply check "Level 2" above, then you will receive all of the available level-2 products for a given sensor.
☑ chlorophyll a
☐ K490
☑ normalized, water-leaving radiances
☐ aerosol products
☐ sea surface temperature (MODIS only)

☑ Remind me when my order is about to expire.
☑ Require my email confirmation for early file deletion.
☑ Notify me when my data have been deleted from the staging area.

Review order

Review your order and if correct, submit it. In a few minutes after you submit Your order, you will receive an automated confirmation message from the Ordering system that by replying to, will trigger your order to be filled. Currently, orders are staged within 3-5 minutes after confirmation.

SeaWiFS User Login | Comment | Help

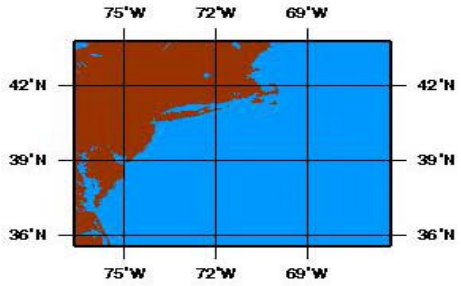
You are about to order the following 18 files from the SeaWiFS Data Processing System.

A2004040173500.L2_LAC	A2004039165000.L2_LAC	A2004037170000.L2_LAC	A2004035171500.L2_LAC	A2004034180500.L2_LAC
A2004040173000.L2_LAC	A2004038174500.L2_LAC	A2004036175500.L2_LAC	A2004035171000.L2_LAC	A2004034163000.L2_LAC
A2004039183000.L2_LAC	A2004037184000.L2_LAC	A2004035185500.L2_LAC	A2004034181000.L2_LAC	A2004033172500.L2_LAC
A2004039182500.L2_LAC	A2004037170500.L2_LAC	A2004035185000.L2_LAC		

The total volume of the above files before extraction *(in the compressed form in which they are stored in our archive)* is **144,024,509** bytes.

Any SeaWiFS files in your order will be trimmed using the following coordinates.

```
Northernmost latitude: 43.79
Southernmost latitude: 35.53
Westernmost longitude: -76.66
Easternmost longitude: -66.26
```

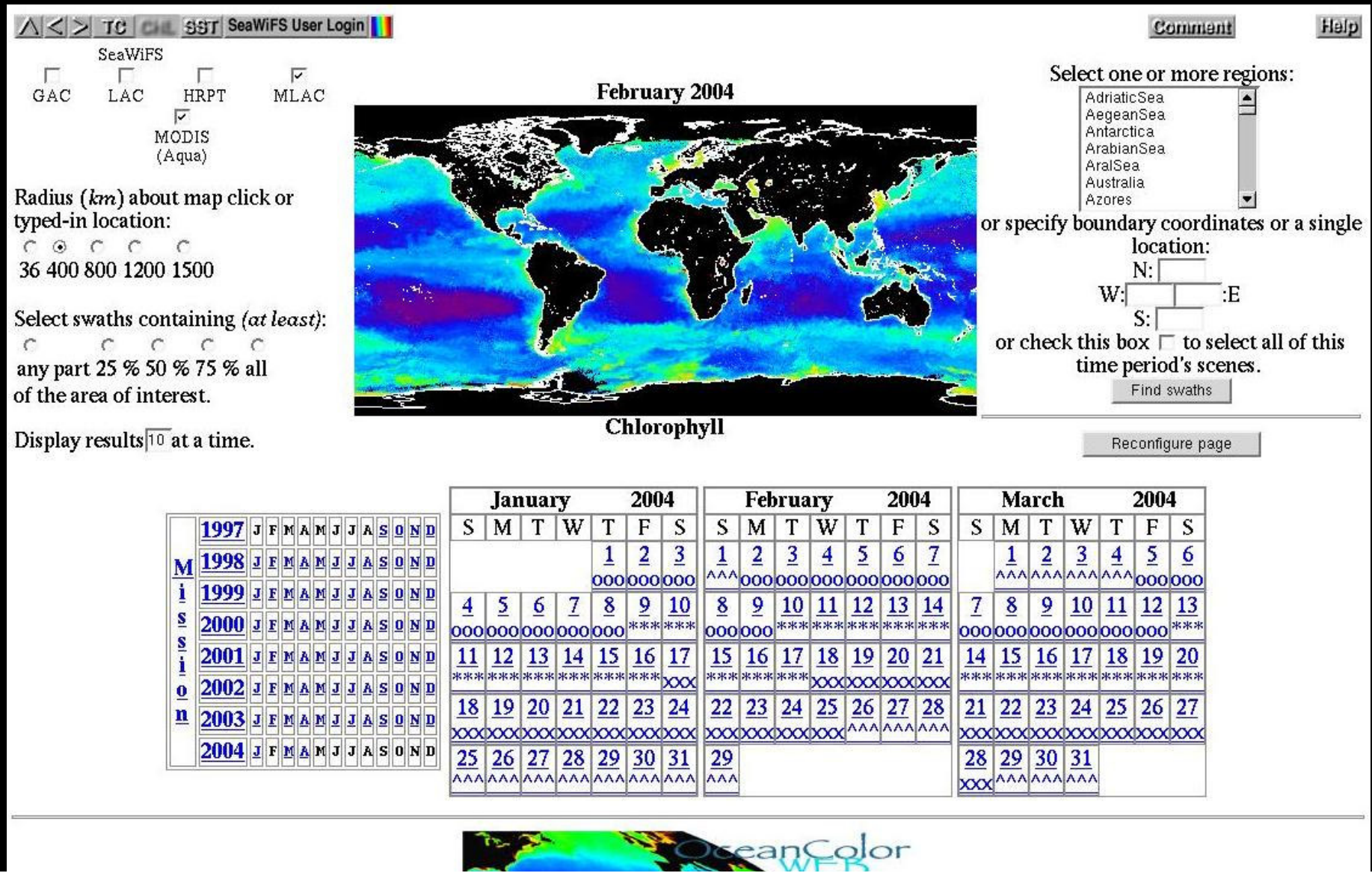


Level-2 files in your order will contain only the following products.

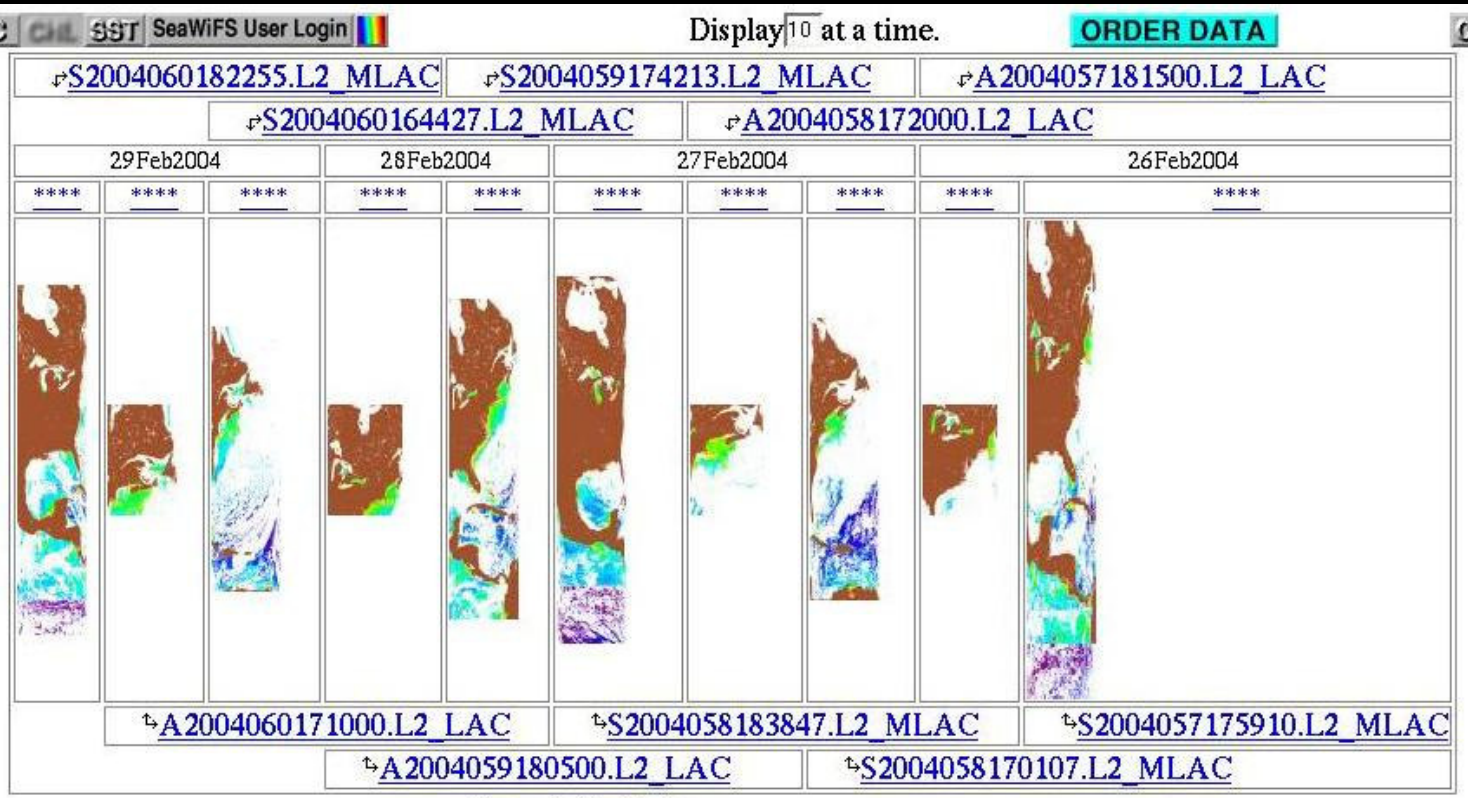
- **chlorophyll a**
- **normalized, water-leaving radiances**

You **do** wish to be reminded by email when your order is about to expire, and
you **do** require email confirmation when you use the Web to request early deletion of your staged order, and
you **do** wish to be notified when your order has been deleted from our staging area.

All SeaWiFS data (GAC and MLAC) is now available via the same web browser via password protected interface along with the option to request a geographic “extract on the fly” and Level 2 and parameter subset option. This is an example of a SeaWiFS/AQUA coincident search/order



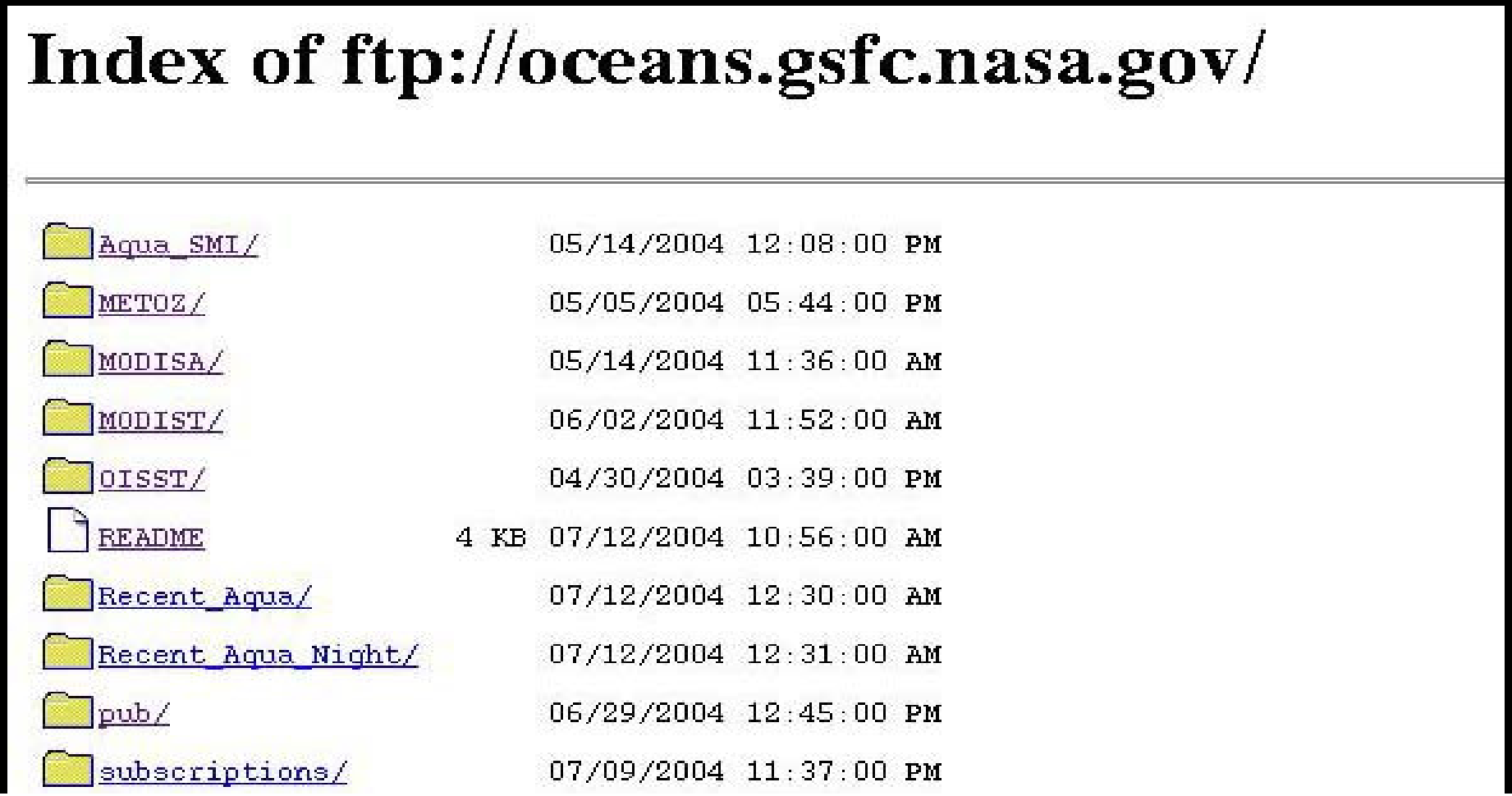
All SeaWiFS and AQUA files that covered the geographic region chosen and the time period of interest are displayed. You can select/deselect the scenes based on what you see or can just request them all.



Search Criteria
Time Period: February 2004
Sensors: SeaWiFS and MODIS(Aqua)
SeaWiFS Data Types: MLAC
Area of Interest: Within 36 km of 43.2N,70.0W

In addition to the web-based data distribution tool shown on the previous screens, there is an online repository for anonymous ftp downloads containing:

1- the most recent 10 days of ALL MODIS/AQUA products,
2- the complete Level-3 mission archive at multiple time/space resolutions
3- the complete ancillary data and definitive attitude and ephemeris data for the mission



Index of ftp://oceans.gsfc.nasa.gov/

Aqua_SMI/		05/14/2004 12:08:00 PM
METOZ/		05/05/2004 05:44:00 PM
MODISA/		05/14/2004 11:36:00 AM
MODIST/		06/02/2004 11:52:00 AM
OISST/		04/30/2004 03:39:00 PM
README	4 KB	07/12/2004 10:56:00 AM
Recent_Aqua/		07/12/2004 12:30:00 AM
Recent_Aqua_Night/		07/12/2004 12:31:00 AM
pub/		06/29/2004 12:45:00 PM
subscriptions/		07/09/2004 11:37:00 PM

Data Distribution Statistics

Cumulative Statistics (start date: 01 February 2004)

Show statistics for All Time UPDATE

Source	L1	L2	L3	Ancillary	Totals
SeaWiFS	HTTP REQ REC ARC Files: 136 10249 0 523 GB: 2.936 131.561 0 0.869	HTTP REQ REC ARC Files: 58 37492 0 3 GB: 0.673 171.048 0 1.694	HTTP REQ REC ARC Files: 0 0 0 35136 GB: 0 0 0 147.667	ARC Files: 45819 GB: 36.075	SeaWiFS Files: 129416 GB: 492.523
Aqua	HTTP REQ REC ARC Files: 2561 2178 5058 0 GB: 71.27 96.387 124.418 0	HTTP REQ REC ARC Files: 5472 16661 68385 0 GB: 42.842 109.598 514.073 0	HTTP REQ REC ARC Files: 0 0 0 19993 GB: 0 0 0 113.797	ARC Files: 53348 GB: 772.883	Aqua Files: 173656 GB: 1845.268
TOTALS	Files: 20705 GB: 427.441	Files: 128071 GB: 839.928	Files: 55129 GB: 261.464	Files: 99167 GB: 808.958	Files: 303072 GB: 2337.791

HTTP refers to individual files downloaded directly from the browser
REQ refers to files requested (ordered)
REC refers to files downloaded from the 'Recent data' directory on the FTP site
ARC refers to files downloaded from the online FTP archives