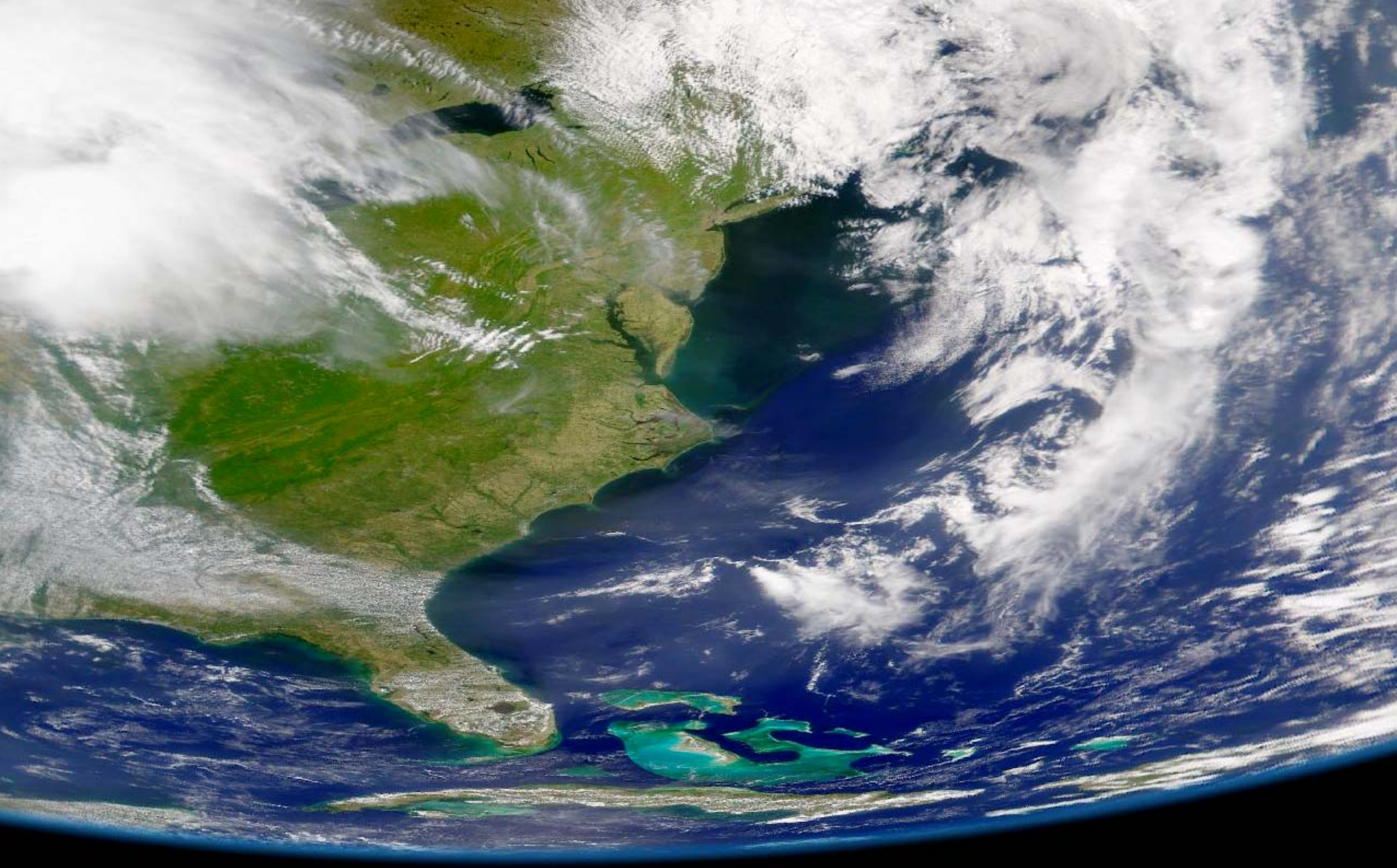
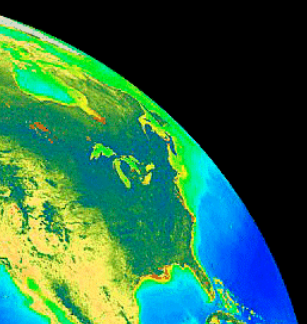


From Missions to Measurements: an Ocean Discipline Prototype

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

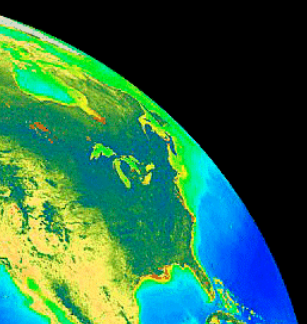


Capabilities and Strengths

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

Highly scalable: reprocessing rate for SeaWiFS global data currently at 3000x, MODIS Aqua 74x

Easily adaptable to support multiple concurrent missions, updates to algorithms, rigorous testing and evaluation capability and rapid and efficient product distribution



Infrastructure Development

- Interfaces

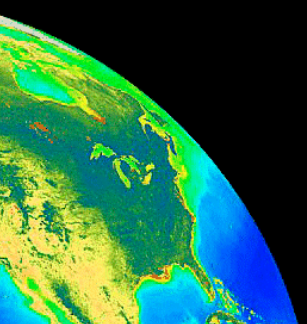
  Aqua full resolution day / night global Level-0 data ingested approximately 3 hours after acquisition by satellite through collaboration with NOAA real-time system. Secondary data source Goddard DAAC to insure complete global coverage.

- Data flow and volume

  Start with full resolution Level-0 data and process through Level-1a, produce ocean subset, run Geolocation and Level-1b (using institutional MODIS code) and Level-2 and Level-3 using multi-mission code (MSL12)

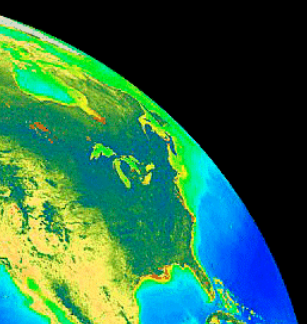
- Ancillary Data Requirements

  Common ancillary data files used for both SeaWiFS and MODIS with real-time data processed using 'best available' ancillary data and automatic refined reprocessing when optimal ancillary data is available (generally within 2-3 days)



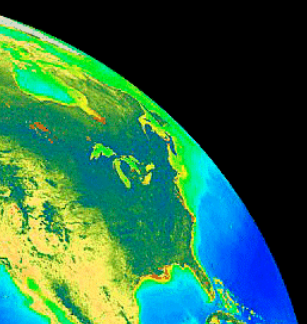
Processing Capability

- Implemented a flexible, multi-mission software design to facilitate MODIS algorithm implementation, modification and verification into the standard ocean color data product suite that has been produced with SeaWiFS data over the past six years. Common data format and software allows easy access to MODIS data to a broad research community.



Data Access and Community Support

- SeaDAS enhancement
  Full Modis processing support starting with level-1 (DAAC and OCDPS format) with anticipated support for direct broadcast input shortly.
- Research campaign support
  global ocean color and sst data available for distribution within 3-4 hours of acquisition by the spacecraft.
- Web-based data access and distribution
  web-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.

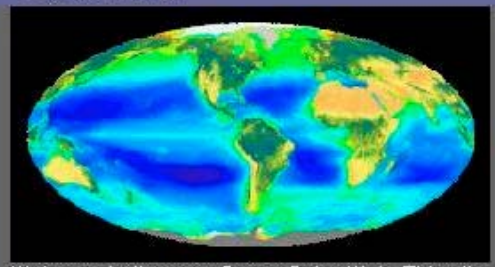
Oceans FTP Site

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 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

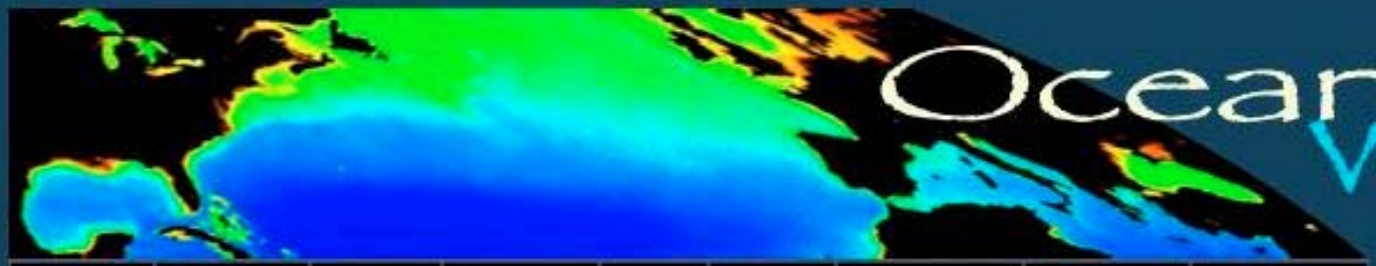
Overflight predictions; Near real-time imagery and data for cruise support.

MQABI

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

SeaWiFS User Authorization

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



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

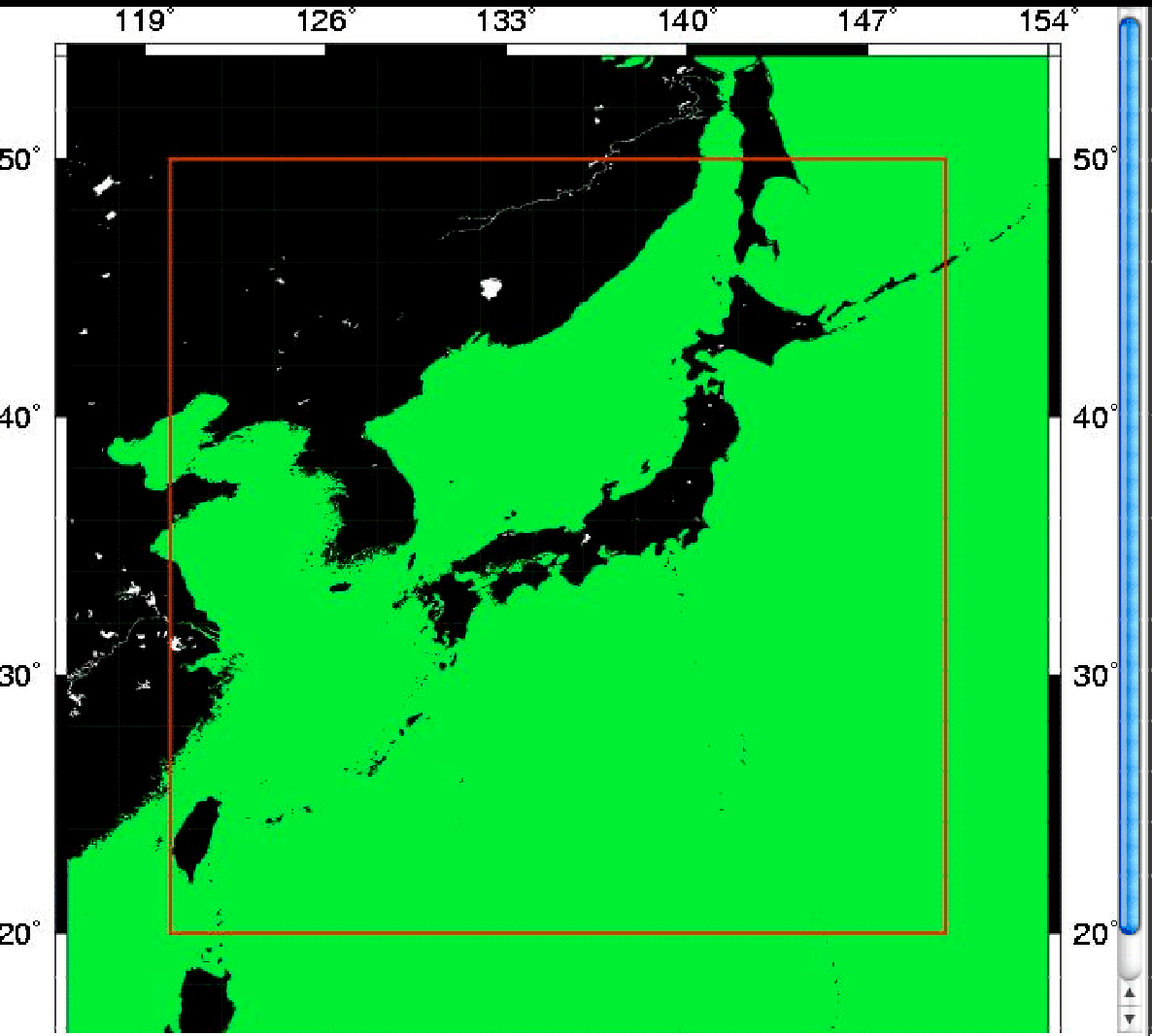
ODPS Data Subscription System

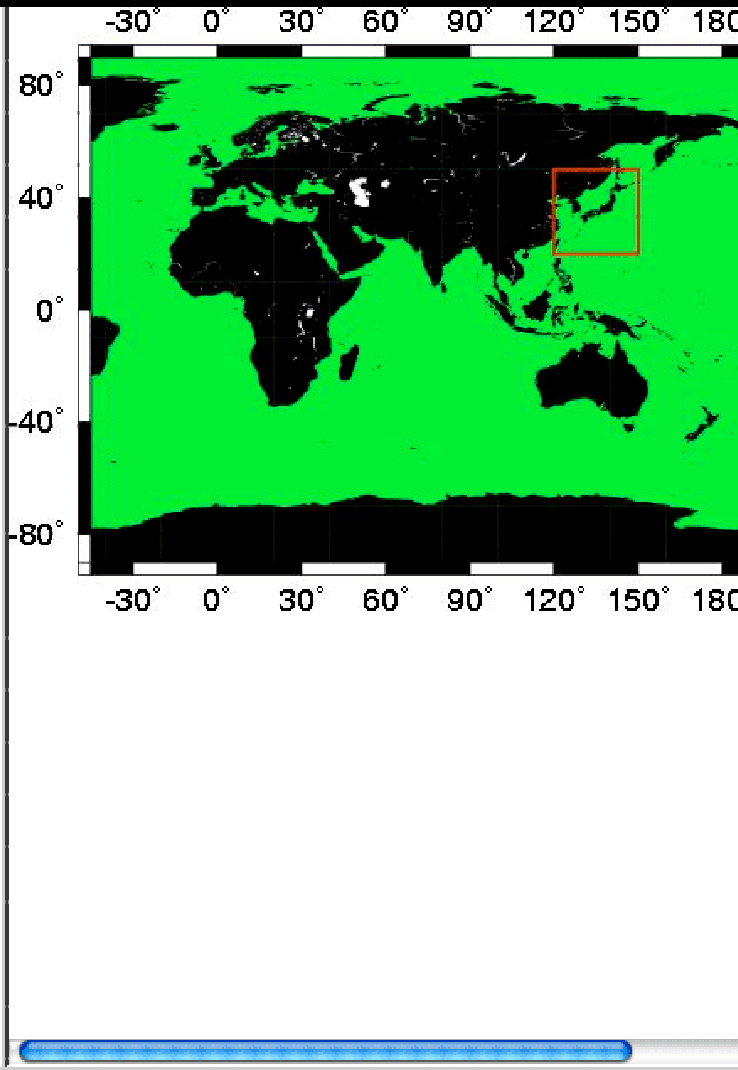
Subscriptions for : all at Fri Apr 9 10:24:16 2004 EDT

There are currently 32 subscriptions

Also See Expired Subscriptions

	Id	Email Address	N	S	W	E	Hits	Start Date	Stop Date	RF	Create Date	Active Date	Last Matc Granule
Modify	87	gnmo@pml.ac.uk	35°	25°	-30°	-12°	0	Apr 11 2004	May 31 2004		Apr 8 2004 7:19AM EDT	Apr 10 2004	
Modify	86	kedar@scc.u-tokai.ac.jp	50°	20°	120°	150°	0	Apr 7 2004	Continuous	✓	Apr 7 2004 10:29PM EDT	Apr 7 2004	
Modify	85	kedar@scc.u-tokai.ac.jp	50°	20°	120°	150°	27	Apr 7 2004	Continuous		Apr 7 2004 9:32PM EDT	Apr 7 2004	A2004 100 0
Modify	80	ocecept@io.usp.br	-18°	-58°	-70°	-18°	26	Apr 5 2004	Apr 5 2004		Apr 5 2004 3:00PM EDT	Apr 5 2004	A2004 096 2
Modify	78	constsm@freemail.ru	46°	42°	145°	155°	31	Apr 3 2004	Continuous		Apr 3 2004 2:18AM EDT	Apr 3 2004	A2004 100 0
Modify	76	beman@stanford.edu	32.5°	22.5°	-117°	-107°	40	Apr 1 2004	May 20 2004		Apr 1 2004 8:38AM EDT	Apr 1 2004	A2004 099 2
Modify	71	rkudela@es.ucsc.edu	39°	34°	-125°	-120°	39	Feb 29 2004	Continuous		Mar 31 2004 8:33AM EDT	Mar 31 2004	A2004 099 2
Modify	62	cyzhang@xmu.edu.cn	30°	18°	114°	125°	63	Mar 28 2004	Apr 30 2004		Mar 28 2004 5:56PM EDT	Mar 28 2004	A2004 100 0
Modify	61	walter@nwra.com	31°	18°	-98°	-82°	78	Mar 27 2004	Continuous		Mar 27 2004 10:59PM EDT	Mar 27 2004	A2004 099 2
Modify	60	briandz@udel.edu	40°	38°	-76°	-74°	0	May 1 2004	May 13 2004		Mar 26 2004 8:08AM EDT	Apr 30 2004	
Modify	48	briandz@udel.edu	40°	38°	-76°	-74°	6	Apr 7 2004	Apr 14 2004		Mar 25 2004 11:05AM EDT	Apr 6 2004	A2004 099 1
Modify	46	d703147c@stcc.nagasaki-u.ac.jp	10°	0°	108°	120°	83	Mar 23 2004	Continuous		Mar 23 2004 7:25AM EDT	Mar 23 2004	A2004 100 0
Modify	45	tjhilton_2000@yahoo.com	30°	25°	-98°	-92°	85	Mar 18 2004	Continuous		Mar 18 2004 6:28PM EDT	Mar 18 2004	A2004 099 2
Modify	44	m.slivkoff@aims.gov.au	-11°	-15°	120°	124°	47	Mar 25 2004	Jun 25 2004		Mar 17 2004 5:36PM EDT	Mar 24 2004	A2004 100 0
Modify	43	daviespl@epa.nsw.gov.au	0°	-45°	145°	175°	423	Mar 16 2004	Continuous		Mar 16 2004 1:50AM EDT	Mar 16 2004	A2004 100 0
Modify	41	jeremy@simbios.gsfc.nasa.gov	40°	25°	-80°	-65°	181	Mar 15 2004	Continuous		Mar 15 2004 1:37PM EDT	Mar 15 2004	A2004 099 1
Modify	37	timothy.moore@unh.edu	46°	34°	-76°	-64°	244	Mar 3 2004	Continuous		Mar 3 2004 4:02PM EDT	Mar 3 2004	A2004 099 1
Modify	35	ddye@flenvironmental.org	42°	32°	-132°	-110°	164	Feb 27 2004	Continuous	✓	Feb 27 2004 11:12AM EDT	Feb 27 2004	A2004 094 2
Modify	30	dave.foley@noaa.gov	75°	-10°	-180°	-80°	2464	Feb 24 2004	Continuous		Feb 24 2004 6:57PM EDT	Feb 24 2004	A2004 100 0





Coordinates Of Boxed Region	North Latitude	South Latitude	West Longitude	East Longitude
	50°	20°	120°	150°

Zoom Out | Zoom In | World Map | Region Map

* Click Zoom In or Zoom Out Link Multiple Times to adjust size of the mapped region

Multi-Mission Browse and Order Page - Showing navigation tools

Selection = Full MODIS/Aqua Mission - Chlorophyll

SST | SeaWiFS User Login | Comment | Help

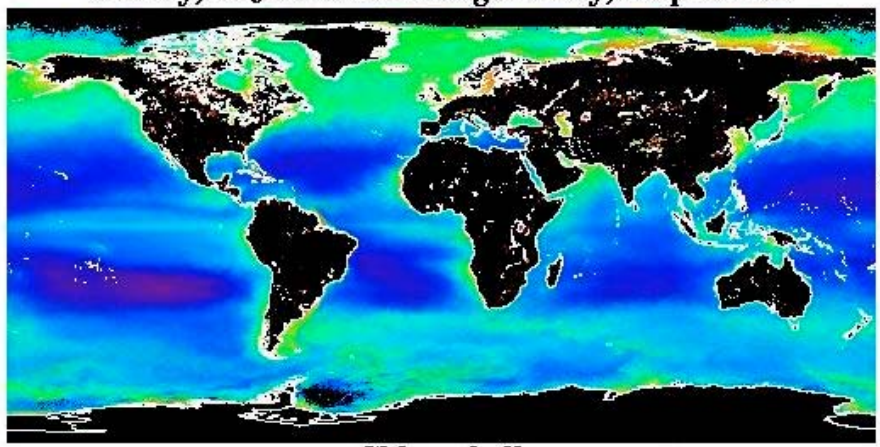
SeaWiFS
GAC LAC HRPT MLAC
MODIS (Aqua)

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.

Sunday, 23 June 2002 through Friday, 9 April 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 J F M A M J J A S O N D
Mission 2003 J F M A M J J A S O N D
Mission 2004 J F M A M J J A S O N D

February 2004

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

March 2004

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

April 2004

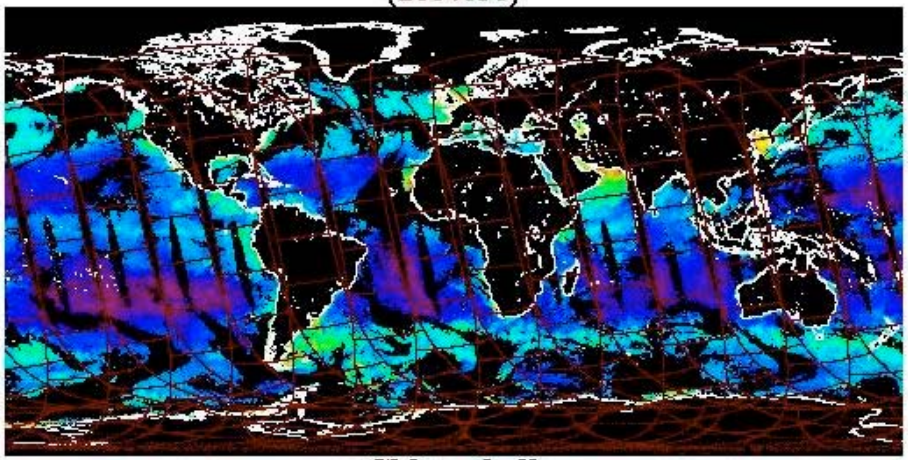
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

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)

Saturday, 7 February 2004
(2004038)



Chlorophyll

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

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

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.

Reconfigure page

Mission	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 ^^^						

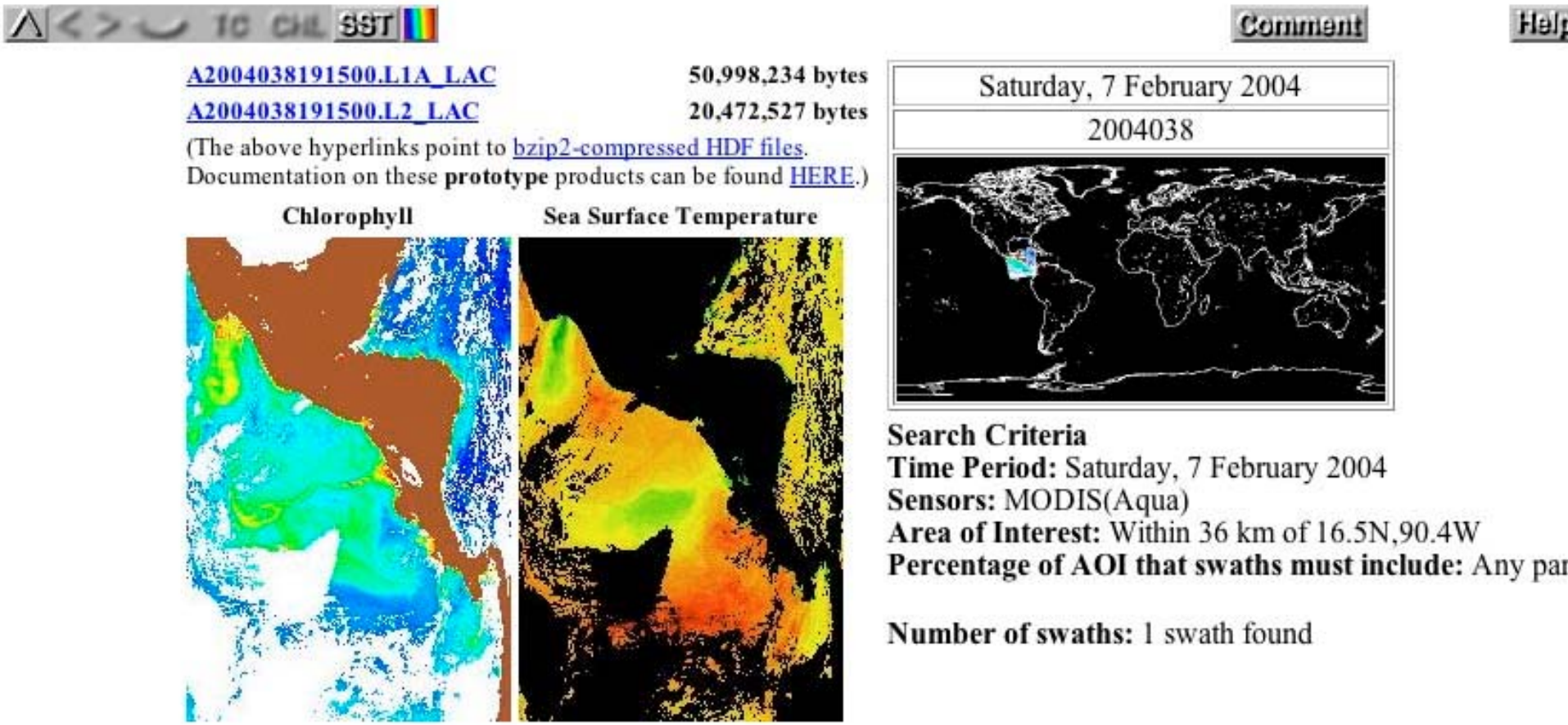
March 2004

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 ^^^			

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

SST | Comment | Help

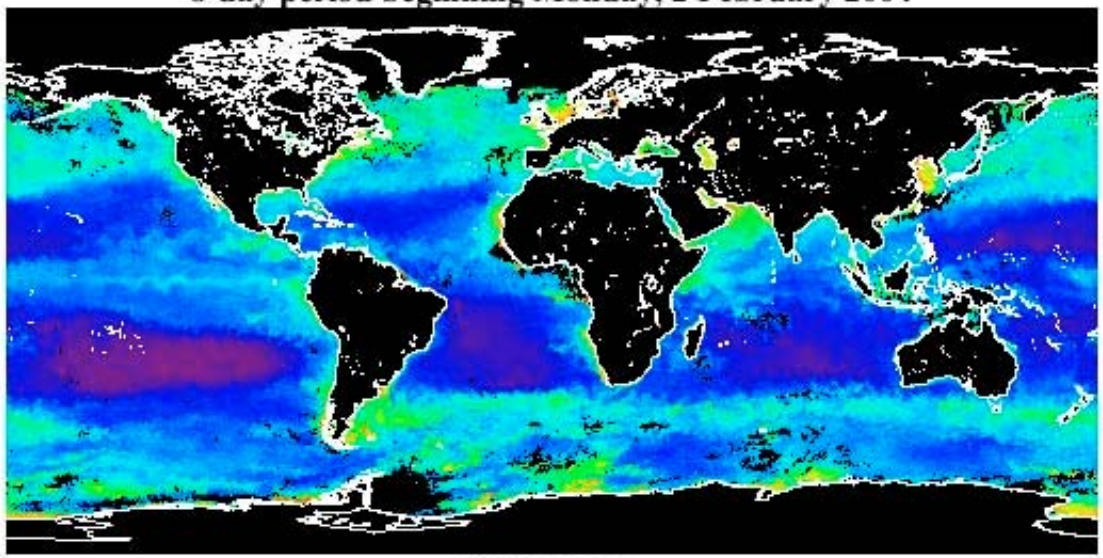
SeaWiFS: GAC | LAC | HRPT | MLAC
MODIS (Aqua)

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	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

December 2003

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

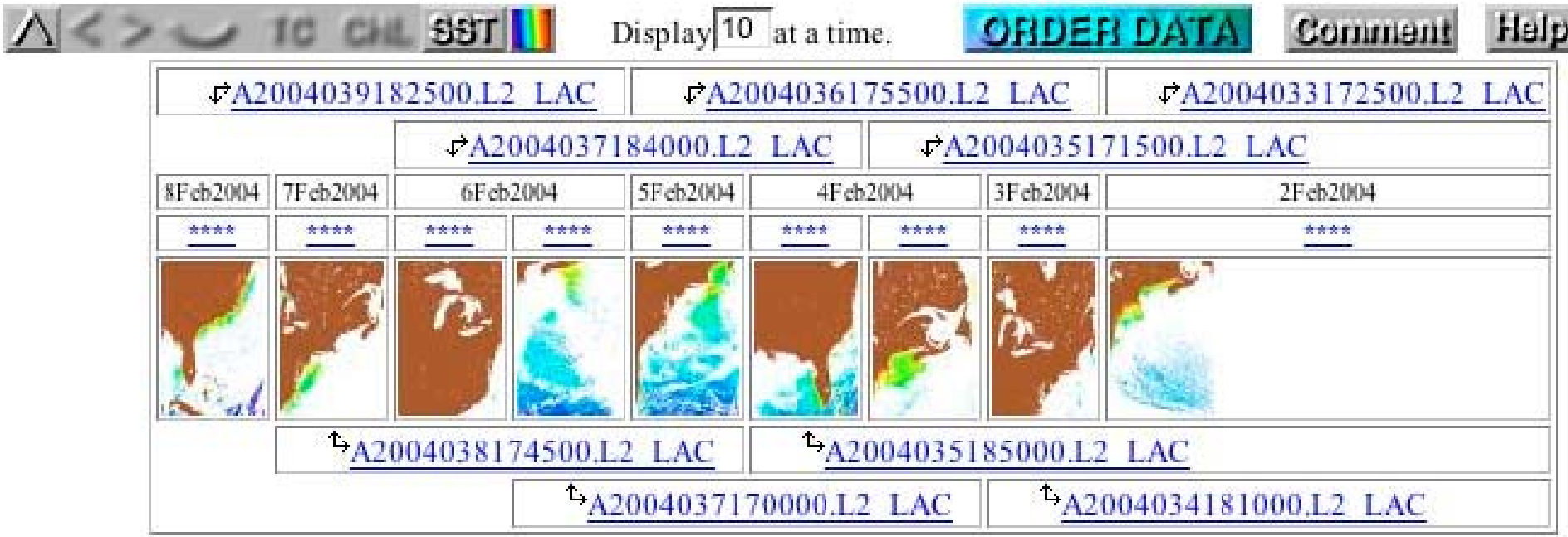
January 2004

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 ^^^						

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.



Search Criteria
Time Period: 8-day period beginning Monday, 2 February 2004
Sensors: MODIS(Aqua)
Area of Interest: Within 36 km of 39.7N,74.2W
Percentage of AOI that swaths must include: Any part

Number of swaths: 1st through 9th of **9** swaths

Choose which products you want and what level of interaction with the ordering system you prefer.

Comment Help

Enter your email address.

gene.c.feldman@nasa.gov

Pick which data products you want for your selected scenes.

- [x] Level 1
- [x] Level 2
- [x] Meteorology & Ozone
- [x] Attitude & Ephemeris

- [x] Remind me when my order is about to expire.
- [x] Require my email confirmation for early file deletion.
- [x] 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.

Comment Help

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

A2004039182500.L1A_LAC	A2004037184000.L1A_LAC	A2004036175500.L1A_LAC	A2004035171500.L1A_LAC	A2004034181000.L2_LAC
A2004039182500.L2_LAC	A2004037184000.L2_LAC	A2004036175500.L2_LAC	A2004035171500.L2_LAC	A2004033172500.L1A_LAC
A2004038174500.L1A_LAC	A2004037170000.L1A_LAC	A2004035185000.L1A_LAC	A2004034181000.L1A_LAC	A2004033172500.L2_LAC
A2004038174500.L2_LAC	A2004037170000.L2_LAC	A2004035185000.L2_LAC		

The total volume of the above files *(in the compressed form in which they are stored in our archive)* is **475,250,680** bytes.

You are also about to order the ancillary data (Meteorology & Ozone and Attitude & Ephemeris) that correspond to the scenes in your search results

---

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.

The email address you have entered is **gene.c.feldman@nasa.gov** .

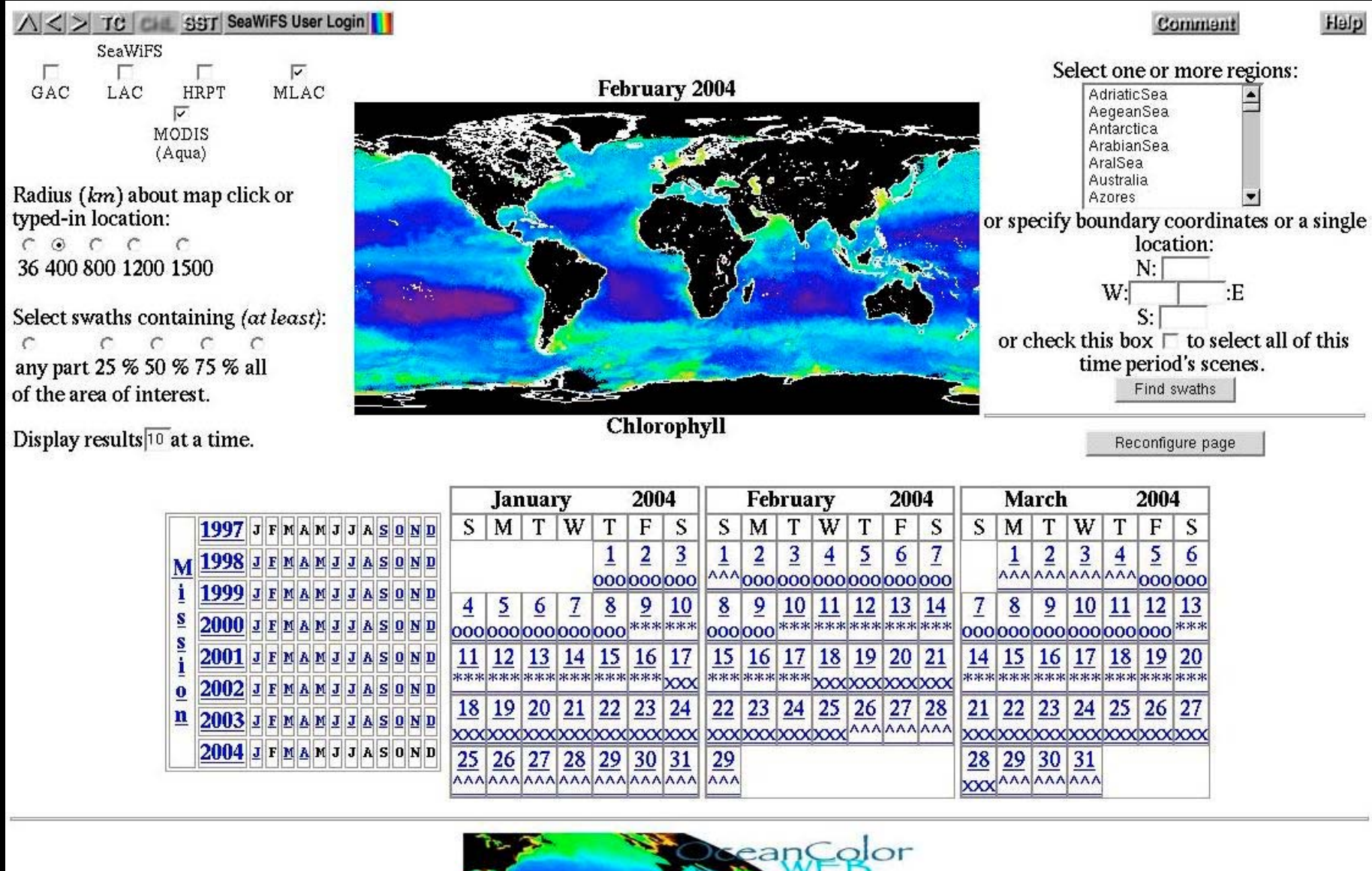
If all this information is correct and you wish to submit your order to be filled, then click the "`Submit order`" button below.

Submit order

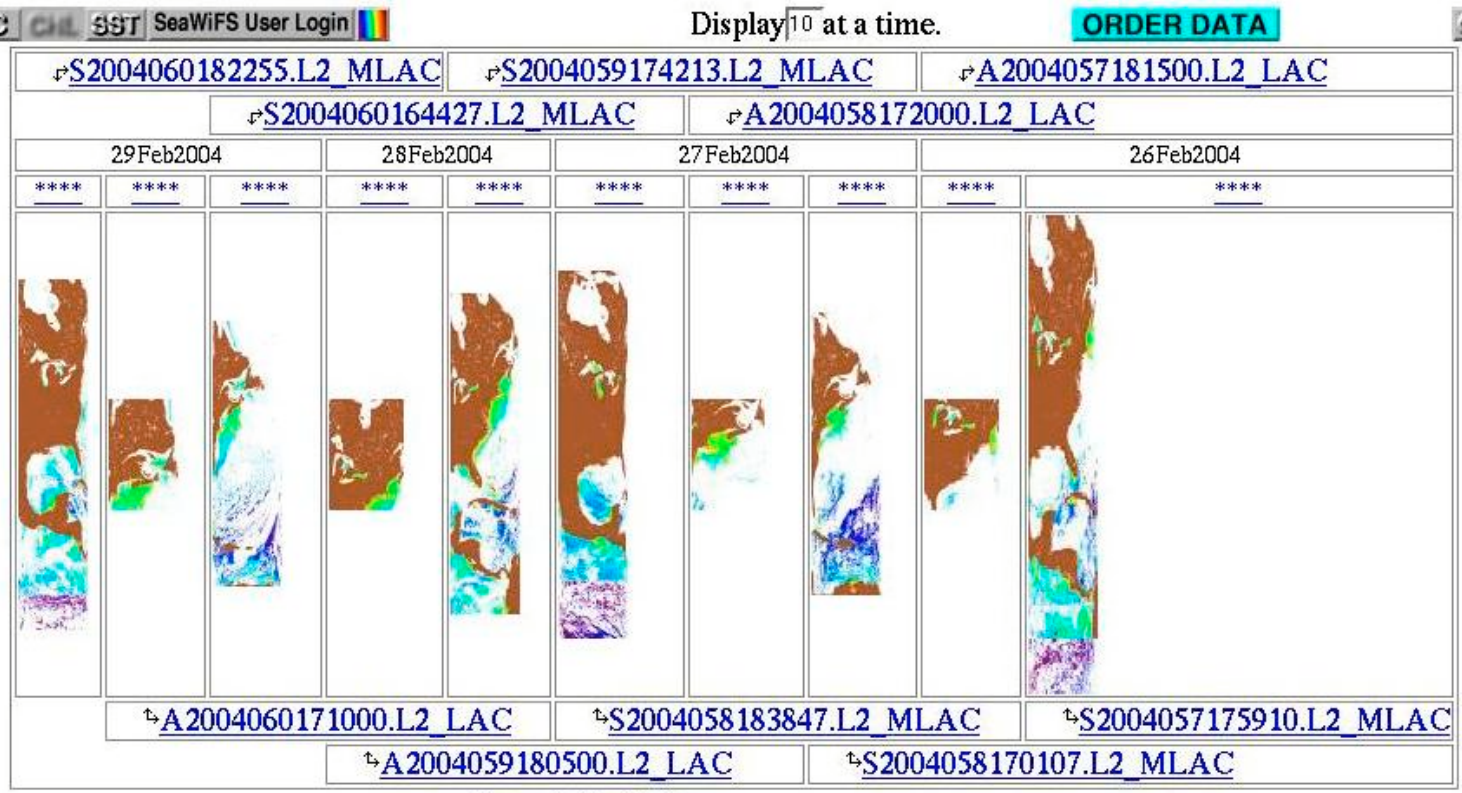
SDPS Data Ordering System

#	email	Order Id	Status	Volume	Files	Request date
1	wataru@janus.co.jp	f080b05061750a45	Partially Staged and notified	10070 MB	960	Apr 9 2004 4:16AM
2	burns@centurytel.net	d060e060557f0149	Order staged	62 MB	1	Apr 8 2004 12:50PM
3	reinold.pasterkamp@ivm.vu.nl	50d0b03055760548	Order staged	2748 MB	329	Apr 8 2004 7:47AM
4	bk010019@maritime.kobe-u.ac.jp	80401010527a0f43	Order staged	769 MB	14	Apr 8 2004 4:46AM
5	milekbul@hotmail.com	306020d03273024c	No email confirmation received	57 MB	1	Apr 7 2004 6:06AM
6	fe_hargreaves@hotmail.com	704010c026780b46	Order staged	33 MB	4	Apr 6 2004 10:41AM
7	fe_hargreaves@hotmail.com	3080f0b0267e0946	Order staged	25 MB	2	Apr 6 2004 10:33AM
8	clorofila_oceansat@yahoo.com	90f0b0b0257f0446	Order staged	11 MB	1	Apr 6 2004 10:18AM
9	wataru@janus.co.jp	3030e05025720849	Order staged	17838 MB	1232	Apr 6 2004 3:39AM
10	fe_hargreaves@hotmail.com	a02030b014770d46	Order staged	134 MB	10	Apr 5 2004 3:28PM
11	edyirwan@rad.net.id	500080d0f3630840	No email confirmation received	56935 MB	1240	Apr 4 2004 5:41AM
12	payzantp@dfo-mpo.gc.ca	10c0e040c76f0f49	No email confirmation received	3230 MB	69	Apr 1 2004 12:19PM
13	fehargreaves@oceansatpeg.com	40d090a0916d0d4d	No email confirmation received	59 MB	1	Mar 30 2004 12:09PM
14	pedro.saothiago@oceansatpeg.com	f0401080916f0849	No email confirmation received	13 MB	1	Mar 30 2004 9:18AM
15	briandz@udel.edu	c0c0806042640b4b	No email confirmation received	68 MB	1	Mar 26 2004 12:31PM
16	pcroot@ifm-geomar.de	608070b0317d014a	Order has been removed	118 MB	2	Apr 7 2004 4:11AM
17	payzantp@dfo-mpo.gc.ca	f0305050c3620f46	Order has been removed	1058 MB	75	Apr 1 2004 12:46PM

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”. Level 2 and parameter subset option is being added. 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

1 2 3 4 5 6 7 8 9 10

SeaWiFS User Login | Comment | Help

Enter your email address.

Data Order and Extract page

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.

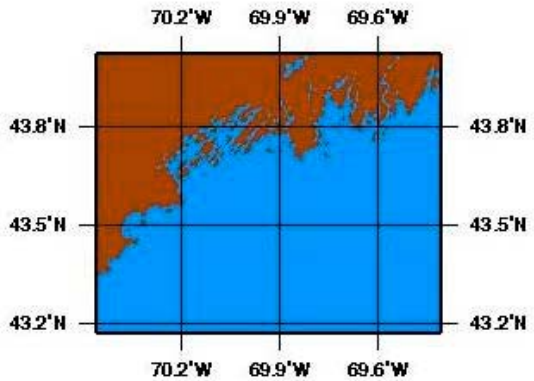
SeaWiFS extracts are processible with SeaDAS.

North 44.02

West -70.46

East -69.41

South 43.17



Pick which data products you want for your selected scenes.
- ☐ Level 1
- ☐ Level 2

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

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

oceans.gsfc.nasa.gov

Anonymous access granted, restrictions apply.

Path: [oceans.gsfc.nasa.gov]

Name	Size	Kind	Last Modified
Aqua_SMI	-	Folder	Wed, Mar 17, 2004, 5:47 PM
METOZ	-	Folder	Tue, Feb 3, 2004, 7:56 PM
MODISA	-	Folder	Wed, Feb 4, 2004, 6:51 PM
README	2K	Text Readme	Wed, Feb 18, 2004, 5:55 AM
Recent_Aqua	-	Folder	Wed, Apr 14, 2004, 4:30 AM
Recent_Aqua_Night	-	Folder	Wed, Apr 14, 2004, 4:31 AM
subscriptions	-	Folder	Tue, Apr 13, 2004, 8:40 PM

Aqua_SMI

Anonymous access granted, restrictions apply.

Path: [oceans.gsfc.nasa.gov][Aqua_SMI]

Name	Size	Kind	Last Modified
8Day	-	Folder	Wed, Mar 17, 2004, 5:47 PM
4KM	-	Folder	
9KM	-	Folder	
A531	-	Folder	
CHLO	-	Folder	
A20021852002192.L3m_8D_CHLO_4KM.bz2			
A20021932002200.L3m_8D_CHLO_4KM.bz2			
A20022012002208.L3m_8D_CHLO_4KM.bz2			
A20022092002216.L3m_8D_CHLO_4KM.bz2			
K490	-	Folder	
L551	-	Folder	
SST	-	Folder	
T869	-	Folder	
8Day_Climatology	-	Folder	Wed, Mar 17, 2004, 5:47 PM
Annual	-	Folder	Wed, Mar 17, 2004, 5:47 PM
Cumulative	-	Folder	Wed, Mar 17, 2004, 5:47 PM
Daily	-	Folder	Wed, Mar 17, 2004, 5:47 PM
Monthly	-	Folder	Wed, Mar 17, 2004, 5:47 PM
Monthly_Climatology	-	Folder	Wed, Mar 17, 2004, 5:47 PM
Seasonal	-	Folder	Wed, Mar 17, 2004, 5:47 PM
Seasonal_Climatology	-	Folder	Wed, Mar 17, 2004, 5:47 PM

Data Distribution Statistics

Cumulative Statistics (start date: 01 February 2004)

Show statistics for All Time UPDATE

Source	L1	L2	L3	Totals
SeaWiFS	HTTP REQ REC ARC Files: 0 1071 0 469 GB: 0 24.893 0 0.786	HTTP REQ REC ARC Files: 0 42 0 0 GB: 0 1.756 0 1.536	HTTP REQ REC ARC Files: 0 0 0 19027 GB: 0 0 0 74.307	SeaWiFS Files: 20609 GB: 103.278
Aqua	HTTP REQ REC ARC Files: 532 1076 581 0 GB: 14.363 46.967 24.866 0	HTTP REQ REC ARC Files: 2200 7036 23647 0 GB: 17.412 51.676 220.51 0	HTTP REQ REC ARC Files: 0 0 0 5498 GB: 0 0 0 18.364	Aqua Files: 40570 GB: 394.158
TOTALS	Files: 3729 GB: 111.875	Files: 32925 GB: 292.89	Files: 24525 GB: 92.671	Files: 61179 GB: 497.436

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