Neptune Sciences, Inc.
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Automated Processing System Maps Guide
Version 2.8

Paul Martinolich
6 September 2004

Automated Processing System
Default Maps
Version 2.6

Paul Martinolich

Neptune Sciences, Inc.

ABSTRACT

The Automated Processing System (APS) comes with a set of maps pre-defined. These are collected from the various regions of interest processed by the Navy at some point in time. Descriptions of each projected are provided here to (1) document the projection in question and (2) provide the new APS user with maps at the outset.

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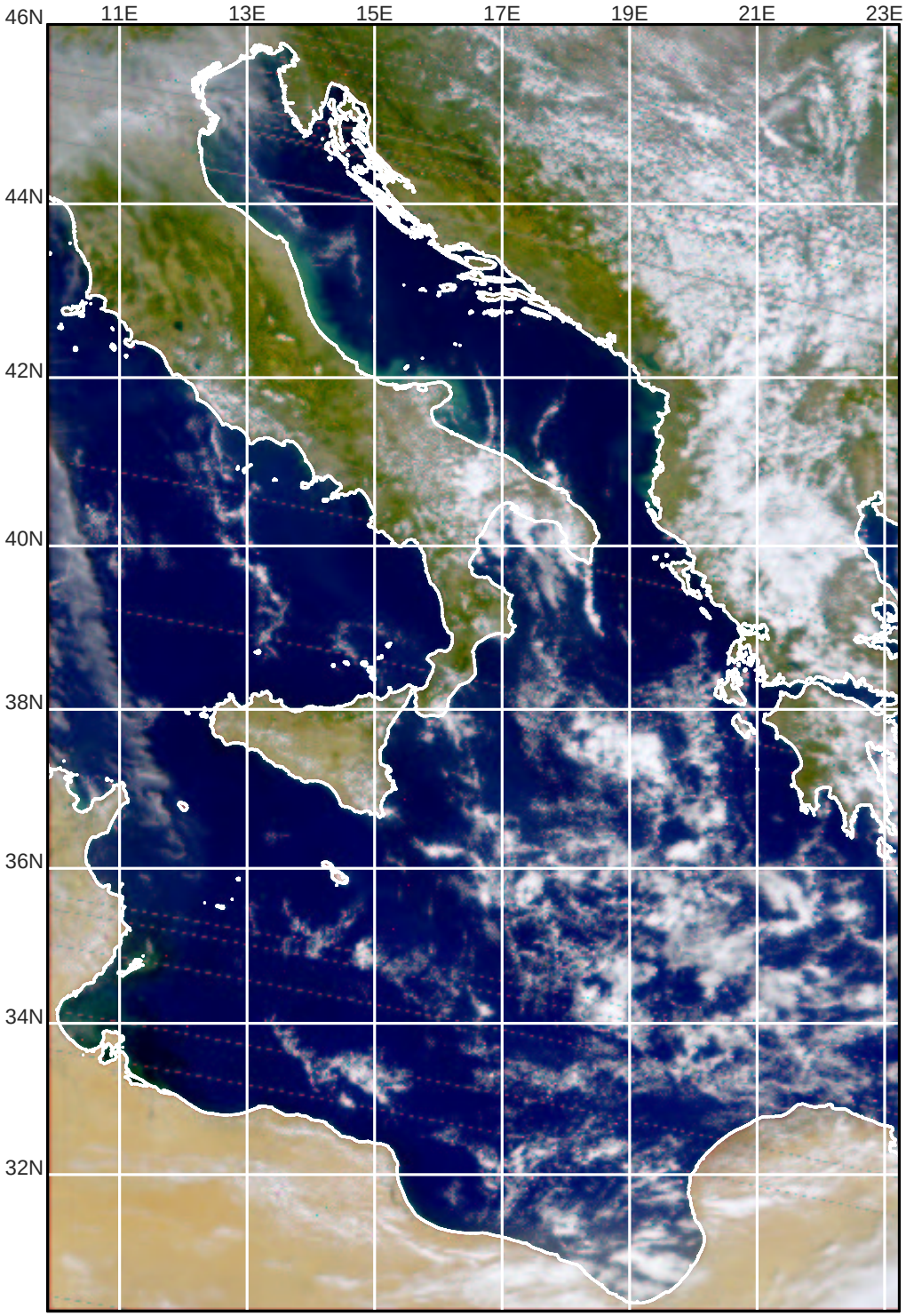
1. PRE-DEFINED MAPS

The following descriptions are for the maps that are currently defined in the APS system. Each of these *image maps* are located in the default map file (`$AUTO_DATA/maps.hdf`). Additionally, for convience, the default distribution contains the scripts for each of these areas in the `extra_areas` subdirectory.

1.1. Adriatic

S2002275113508.L3_HROT_ADR Wed Oct 2 11:37:43 2002

True Color Image



true_color (provisional)
Adriatic (SeaWiFS-OrbView-2)
APS v2.6

Code 7333
Ocean Optics
Naval Research Laboratory

This image map covers the Adriatic and Central Mediterrean Sea

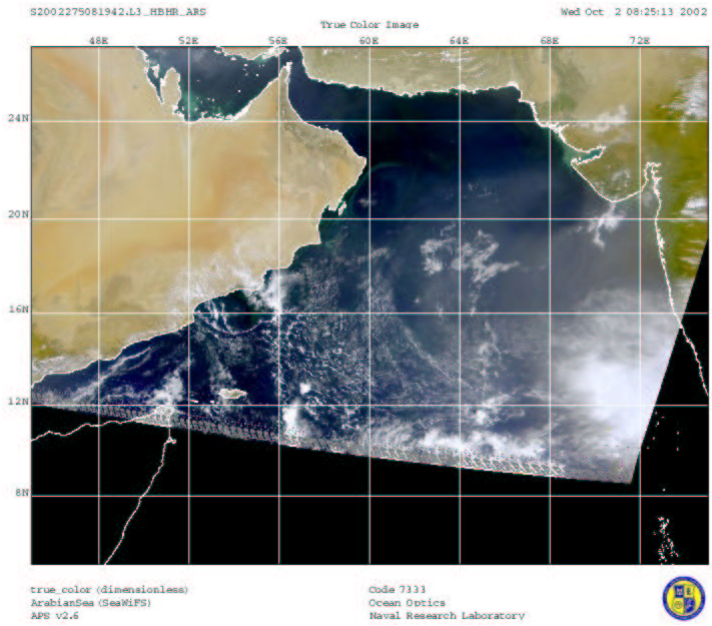
The Mercator projection is used with a longitude of central Meridian of 16.555 ° N. The latitude of true scale is 38.065 ° N. The WGS 84 datum was used.

The Adriatic image map is 1341 pixels wide and 2026 pixels high. The point 9.88 ° E and 45.99 ° N is tied to the upper left corner of the image (1,1). This gives the image an approximate resolution of 868 meters per pixel in the vertical direction and a range of 768 (top) to 956 (bottom) meters in the horizontal direction. This represents a 24.5 percent change in scale.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1341,1)	1029517 meters	768 meters
(1,1013)	(1341,1013)	1159771 meters	865 meters
(1,2026)	(1341,2026)	1282002 meters	956 meters
Vertical Lines			
(1,1)	(1,2026)	1759522 meters	868 meters
(670,1)	(670,2026)	1759522 meters	868 meters
(1341,1)	(1341,2026)	1759522 meters	868 meters

1.2. ArabianSea



This image map covers the Arabian Sea

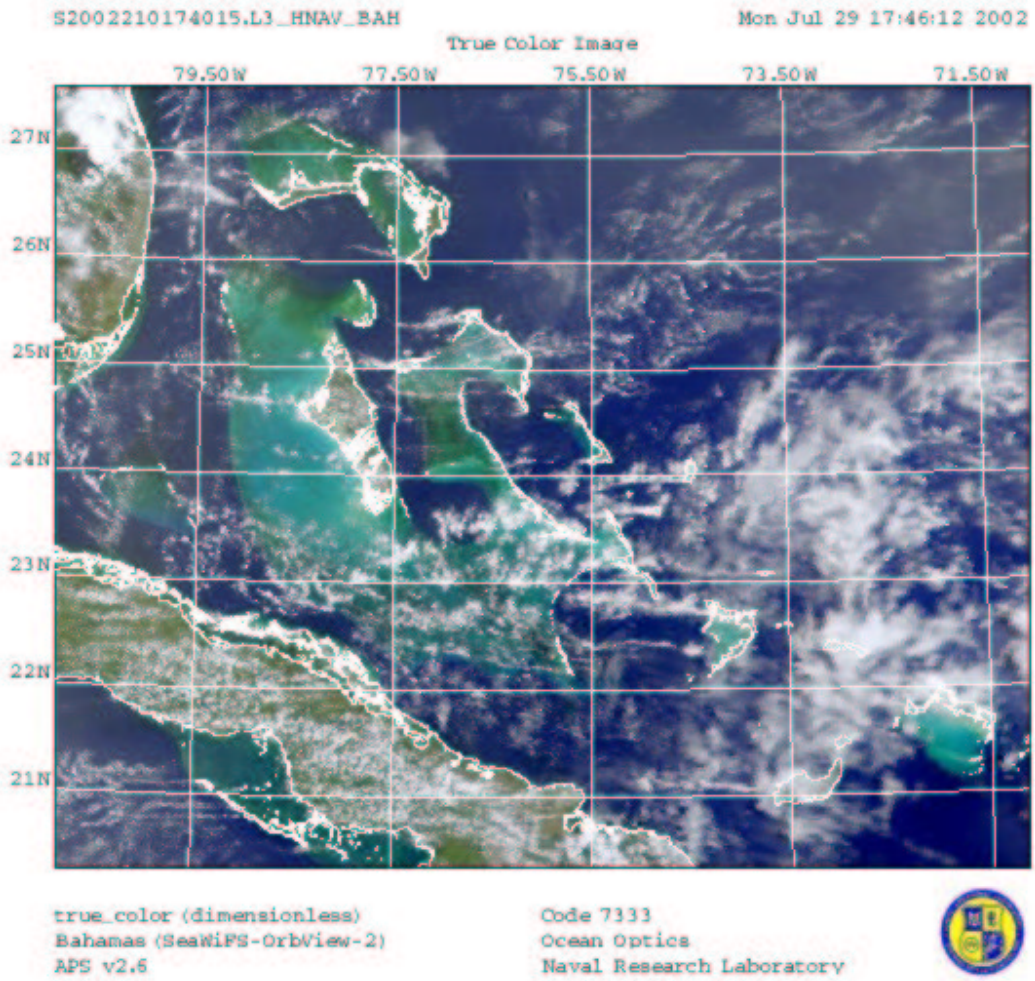
The Mercator projection is used with a longitude of central Meridian of 65 ° N. The latitude of true scale is 22° N. The Clarke 1880 datum was used.

The Arabian Sea image map is 4054 pixels wide and 3100 pixels high. The point 45 ° E and 27 ° N is tied to the upper left corner of the image (1,1). This gives the image an approximate resolution of 789 meters per pixel in the vertical direction and a range of 731 (top) to 819 (bottom) meters in the horizontal direction. This represents a 12 percent change in scale from top to bottom.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(4054,1)	2963252 meters	731 meters
(1,1550)	(4054,1550)	3196785 meters	788 meters
(1,3100)	(4054,3100)	3320923 meters	819 meters
Vertical Lines			
(1,1)	(1,3100)	2448026 meters	789 meters
(2027,1)	(2027,3100)	2448026 meters	789 meters
(4054,1)	(4054,3100)	2448026 meters	789 meters

1.3. Bahamas



This image map covers Bahamas.

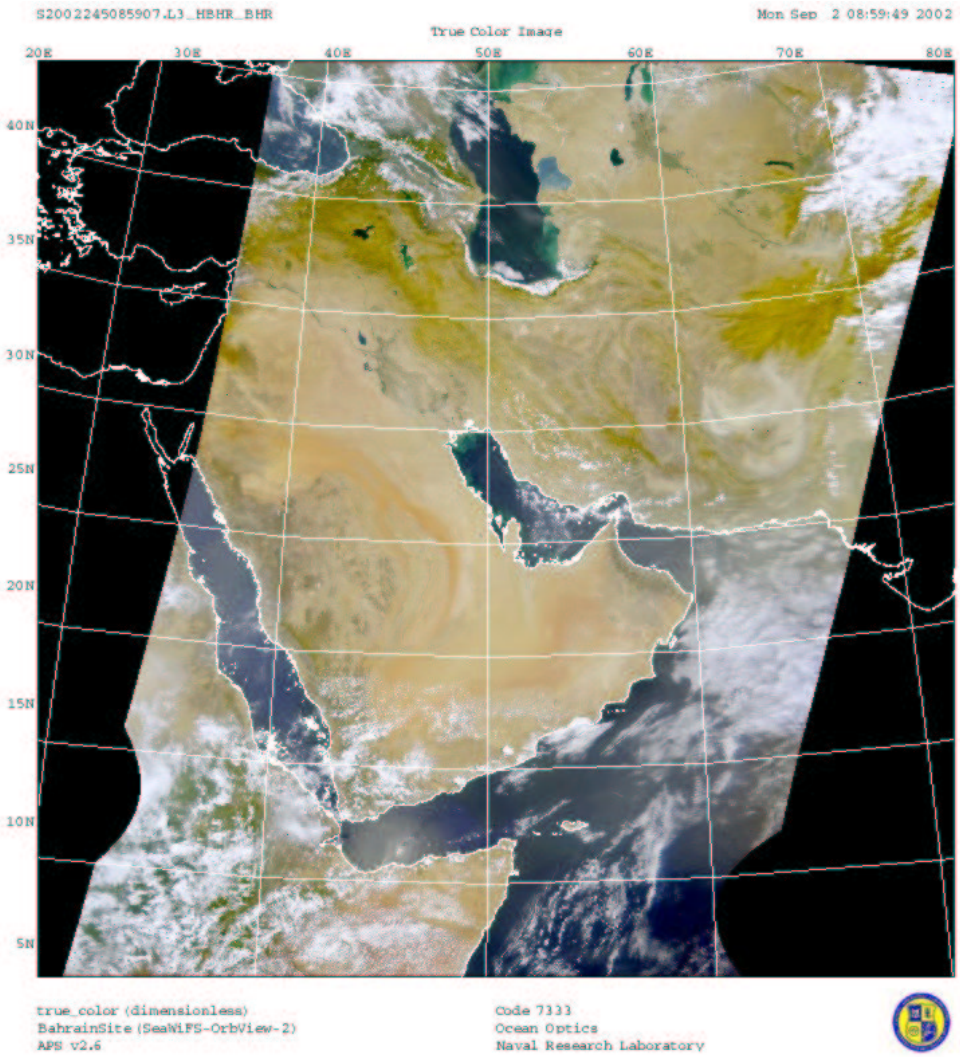
This Bahamas image map uses the Alber Equal Area projection. The standard parallel are at 23 ° N and 25 ° N. The longitude of central meridian is 76 ° W and the latitude of projection origin is 24 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 76000000 ° W. The latitude of true scale is 24000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Bahamas image map is 1000 pixels wide and 800 pixels high. The point 76 ° W and 24 ° N is tied to the center (500,400) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1000,1)	1004111 meters	1005 meters
(1,400)	(1000,400)	1006320 meters	1007 meters
(1,800)	(1000,800)	1004462 meters	1005 meters
Vertical Lines			
(1,1)	(1,800)	809671 meters	1013 meters
(500,1)	(500,800)	809670 meters	1013 meters
(1000,1)	(1000,800)	809671 meters	1013 meters

1.4. BahrainSite



This image map covers Bahrain Regional Center.

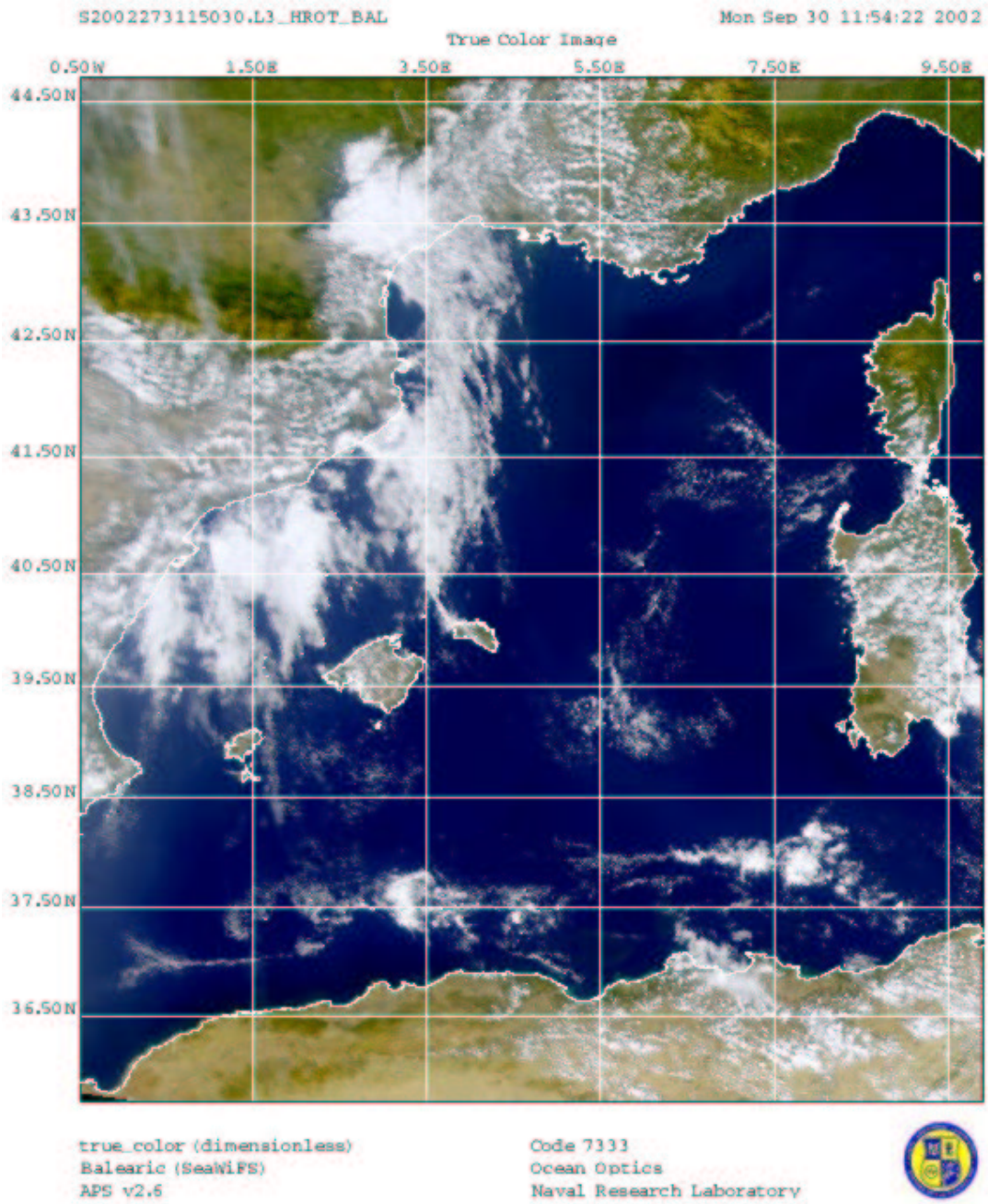
This Bahrain Regional Center image map uses the Stereographic projection.

The BahrianSite image map is 4096 pixels wide and 4096 pixels high. The point 50.38 ° E and 26.12 ° N is tied to the center (2048,2048) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(4096,1)	4346477 meters	1061 meters
(1,2048)	(4096,2048)	4485557 meters	1095 meters
(1,4096)	(4096,4096)	4346346 meters	1061 meters
Vertical Lines			
(1,1)	(1,4096)	4346477 meters	1061 meters
(2048,1)	(2048,4096)	4485557 meters	1095 meters
(4096,1)	(4096,4096)	4346346 meters	1061 meters

1.5. Balearic



This image map covers the Balearic and Western Central Med

The Mercator projection is used with a longitude of central Meridian of 4.71 ° N. The latitude of true scale is 40.195° N. The WGS 84 datum was used.

The Balearic image map is 1040 pixels wide and 1180 pixels high. The point 0.47 ° W and 44.69 ° N is tied to the upper left corner of the image (1,1). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1040,1)	1095288 meters	1054 meters
(1,590)	(1040,590)	1111826 meters	1070 meters
(1,1180)	(1040,1180)	1123099 meters	1080 meters
Vertical Lines			
(1,1)	(1,1180)	1244507 meters	1055 meters
(520,1)	(520,1180)	1261399 meters	1069 meters
(1040,1)	(1040,1180)	1273687 meters	1080 meters

1.6. Baltic Sea

This image map covers the Baltic Sea

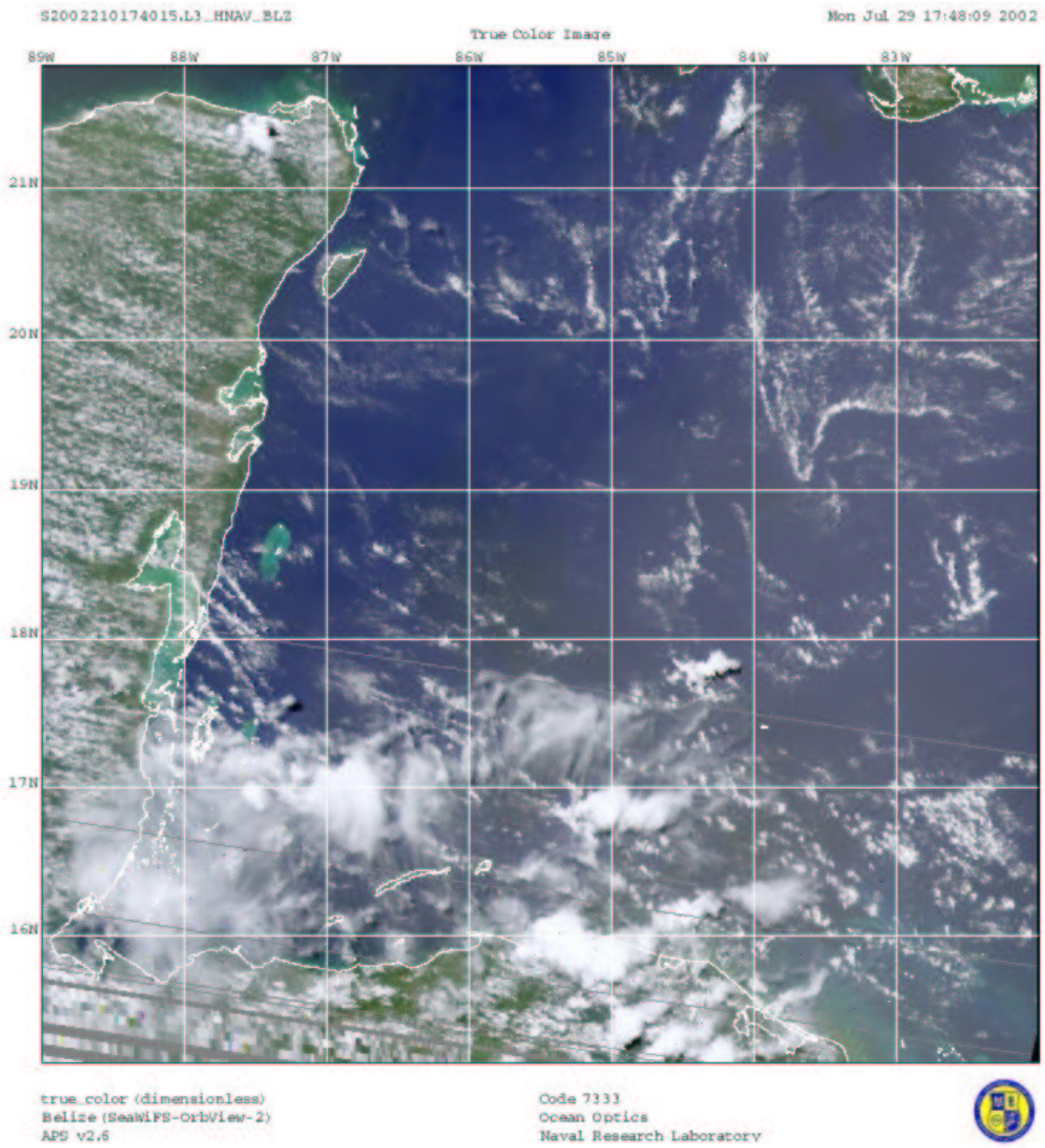
The Mercator projection is used with a longitude of central Meridian of 17.5 ° N. The latitude of true scale is 57° N. The WGS 84 datum was used.

The Baltic Sea image map is 1600 pixels wide and 1200 pixels high. The point 18 ° E and 57 ° N is tied to the center of the image (800,600). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1600,1)	882860 meters	552 meters
(1,600)	(1600,600)	965551 meters	603 meters
(1,1200)	(1600,1200)	1052753 meters	658 meters
Vertical Lines			
(1,1)	(1,1200)	727732 meters	606 meters
(800,1)	(800,1200)	727732 meters	606 meters
(1600,1)	(1600,1200)	727732 meters	606 meters

1.7. Belize



This image map covers the Belize

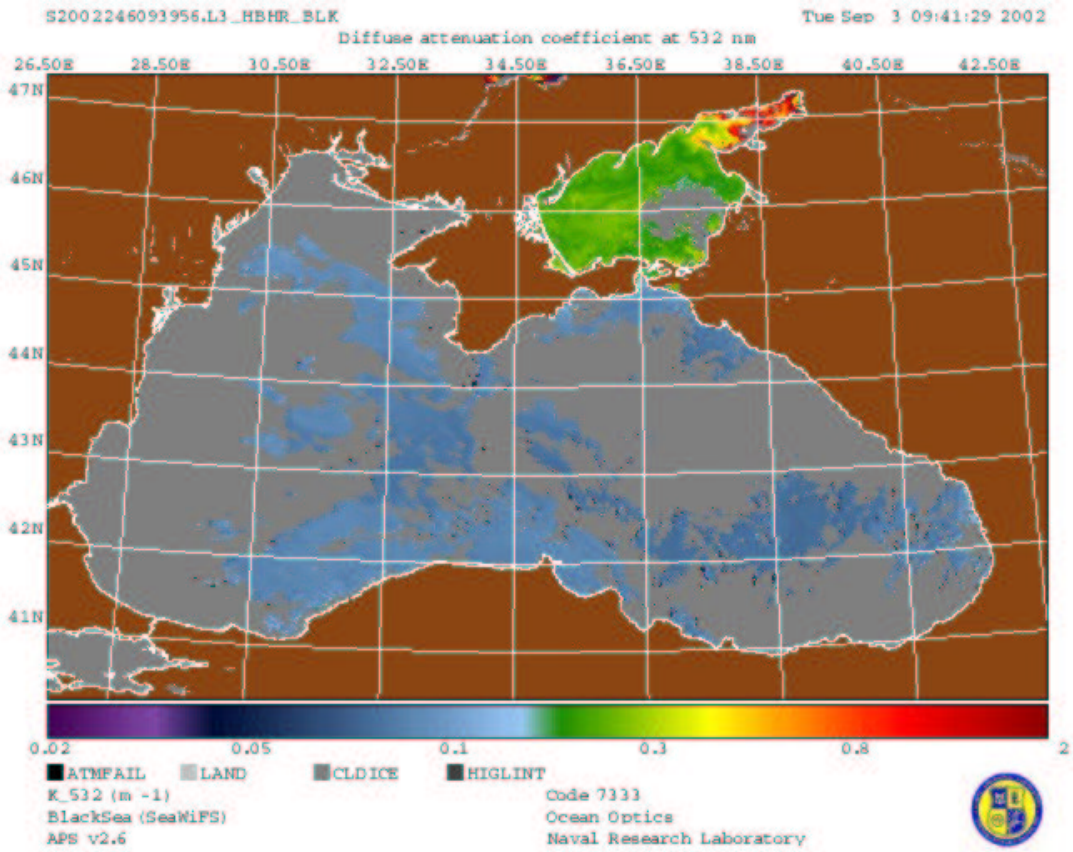
The Mercator projection is used with a longitude of central Meridian of 85.5 ° W. The latitude of true scale is 18.5° N. The WGS 84 datum was used.

The Belize image map is 700 pixels wide and 700 pixels high. The point 85.5 ° W and 18.5 ° N is tied to the center of the image (350,350). This gives the image an approximate resolution of 1,060 meters per pixel in the vertical direction and a range of 1,032 (top) to 1,072 (bottom) meters in the horizontal direction. This represents a 3.8 percent change in scale from top to bottom.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(700,1)	721176 meters	1032 meters
(1,350)	(700,350)	736578 meters	1053 meters
(1,700)	(700,700)	749808 meters	1072 meters
Vertical Lines			
(1,1)	(1,700)	740736 meters	1060 meters
(350,1)	(350,700)	740736 meters	1060 meters
(700,1)	(700,700)	740736 meters	1060 meters

1.8. Black Sea



This image map covers the Black Sea and Sea of Azoz.

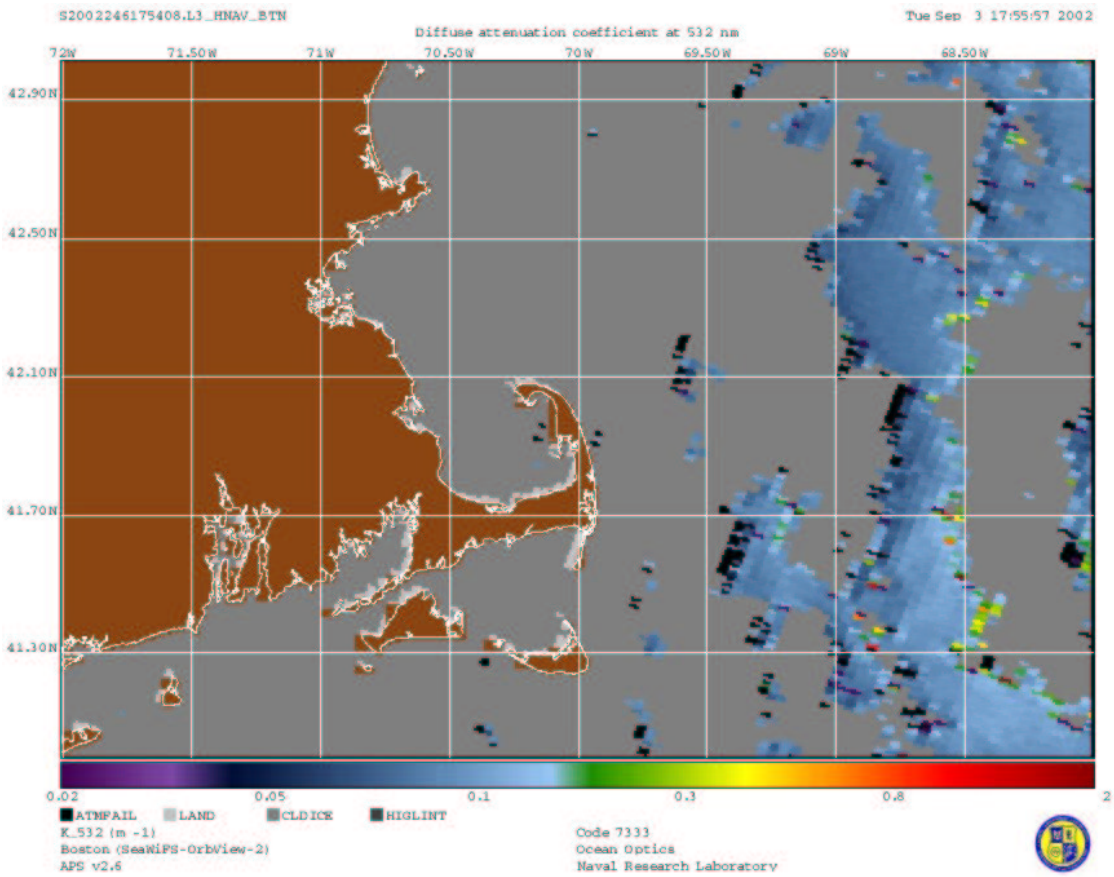
The Albers Equal Area projection is used with standard parallels at 46 ° N and 42 ° N. The latitude of origin is 44 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Black Sea image map is 1200x750 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (600,375). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1200,1)	1253830 meters	1045 meters
(1,375)	(1200,375)	1256420 meters	1047 meters
(1,700)	(1200,700)	1254810 meters	1046 meters
Vertical Lines			
(1,1)	(1,750)	787159 meters	1051 meters
(600,1)	(600,750)	787147 meters	1051 meters
(1200,1)	(1200,750)	787159 meters	1051 meters

1.9. Boston



This image map covers the Boston

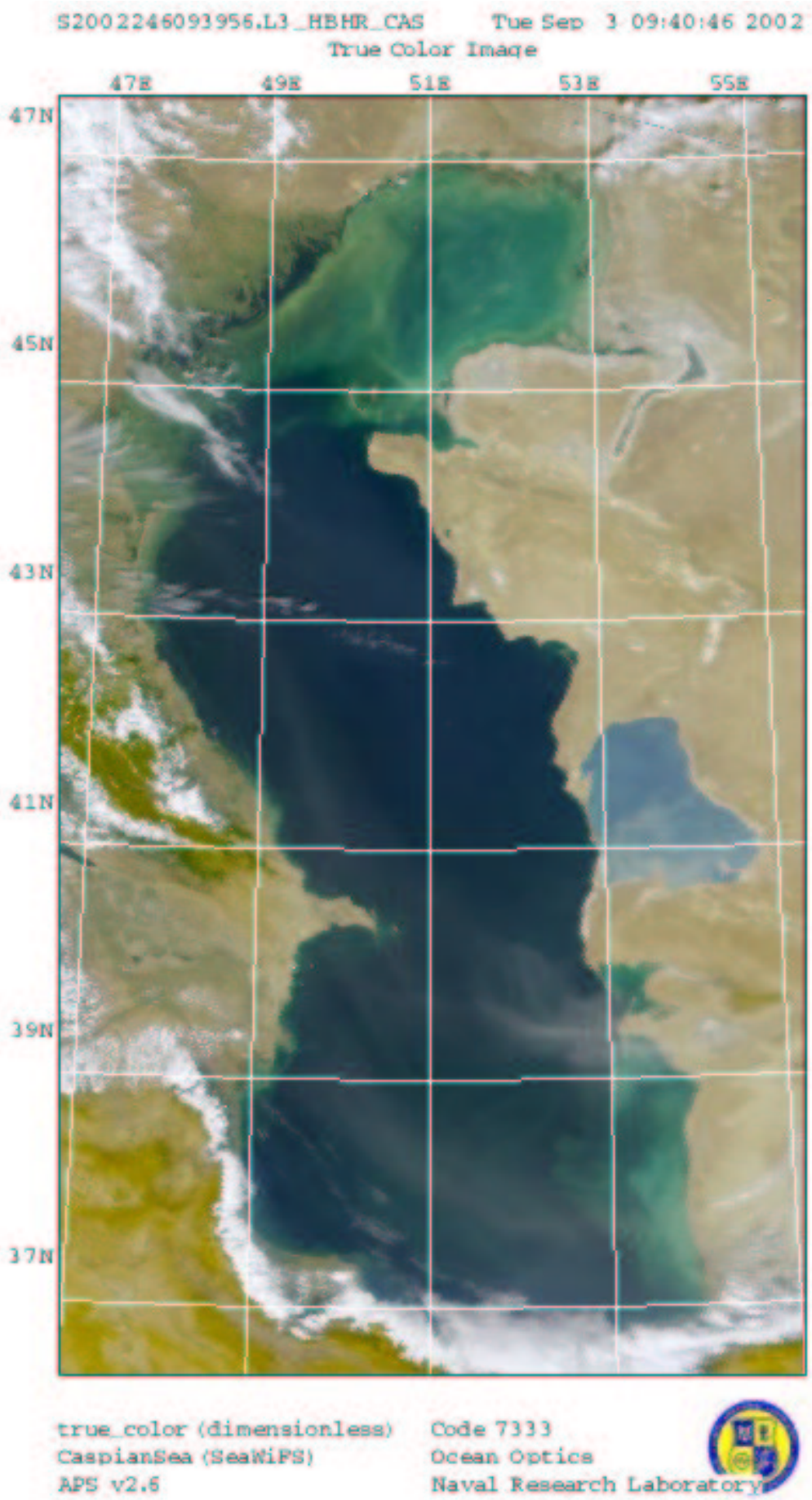
The Mercator projection is used with a longitude of central Meridian of 70 ° W. The latitude of true scale is 42° N. The WGS 84 datum was used.

The Boston image map is 400 pixels wide and 270 pixels high. The point 72 ° W and 43 ° N is tied to the upper left corner of the image (1,1). gives the image an approximate resolution of 831 meters per pixel in the vertical direction and a range of 814 (top) to 840 (bottom) meters per pixel in the horizonal direction. This represents a 3.2 percent change in scale.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(400,1)	325056 meters	814 meters
(1,135)	(400,135)	330266 meters	827 meters
(1,270)	(400,270)	335497 meters	840 meters
Vertical Lines			
(1,1)	(1,270)	223521 meters	831 meters
(200,1)	(200,270)	223521 meters	831 meters
(400,1)	(400,270)	223521 meters	831 meters

1.10. Caspian Sea


S2002246093956.L3_HBHR_CAS Tue Sep 3 09:40:46 2002
True Color Image
47E
49E
51E
53E
55E
47N
45N
43N
41N
39N
37N
true_color (dimensionless)
CaspianSea (SeaWiFS)
APS v2.6
Code 7333
Ocean Optics
Naval Research Laboratory

This image map covers the Caspian Sea

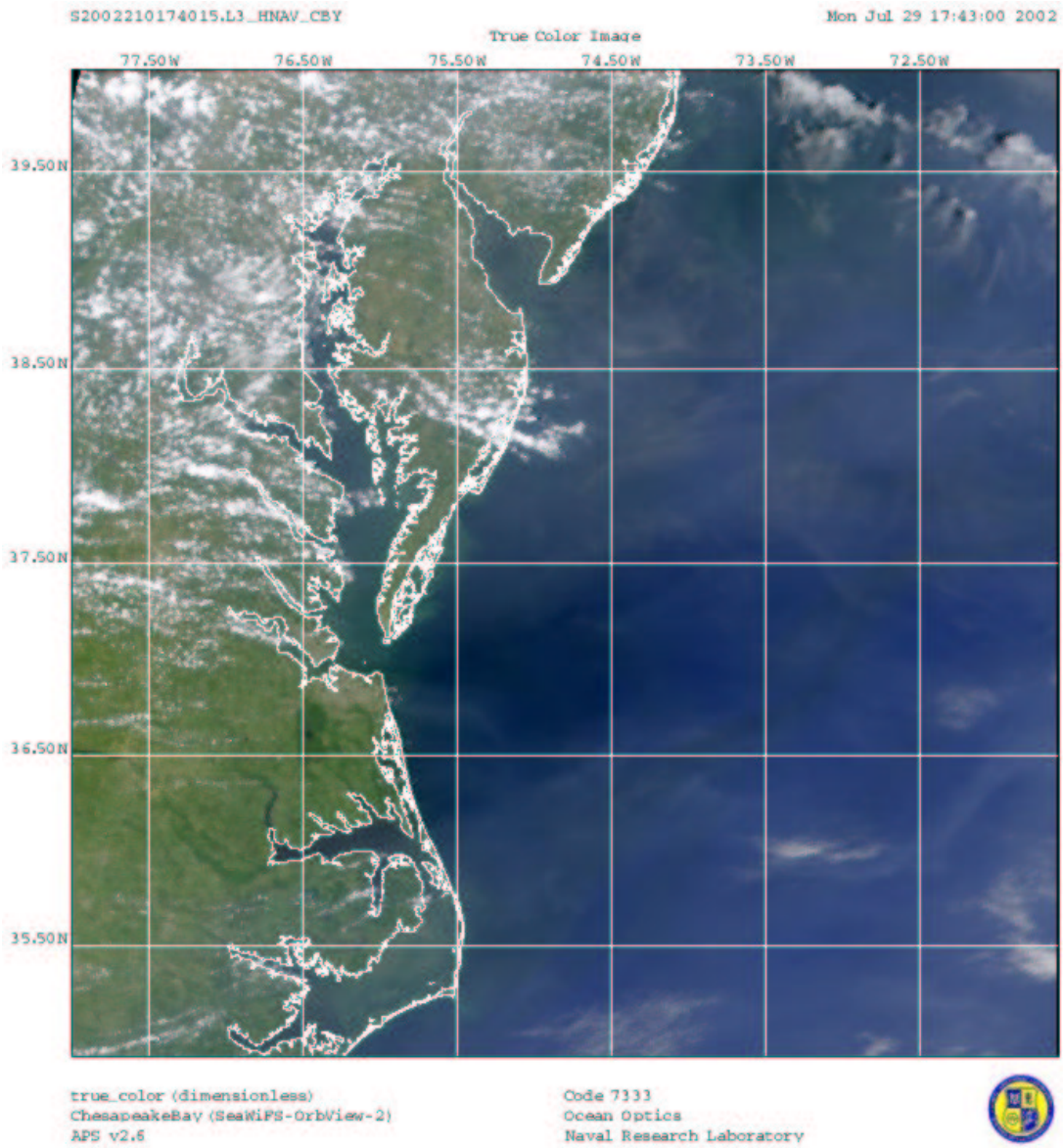
The Albers Equal Area projection is used with standard parallels at 44 ° N and 40 ° N. The latitude of origin is 42 ° N and the longitude of central meridian at set to 51 ° N. The WGS 84 datum was used.

The Caspian Sea image map is 700x1200 pixels. The point 51 ° E and 42 ° N is tie to the center of the image (350,600). This gives the image an approximate resolution of 1,033 meters per pixel in the vertical direction and 1,025 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(700,1)	715378 meters	1023 meters
(1,600)	(700,600)	719233 meters	1029 meters
(1,1200)	(700,1200)	716274 meters	1025 meters
Vertical Lines			
(1,1)	(1,1200)	1238730 meters	1033 meters
(350,1)	(350,1200)	1238740 meters	1033 meters
(700,1)	(700,1200)	1238730 meters	1033 meters

1.11. ChesapeakeBay



This image map covers the Chesapeake Bay

The Mercator projection is used with a longitude of central Meridian of 74.8 ° W. The latitude of true scale is 36.8° N. The WGS 84 datum was used.

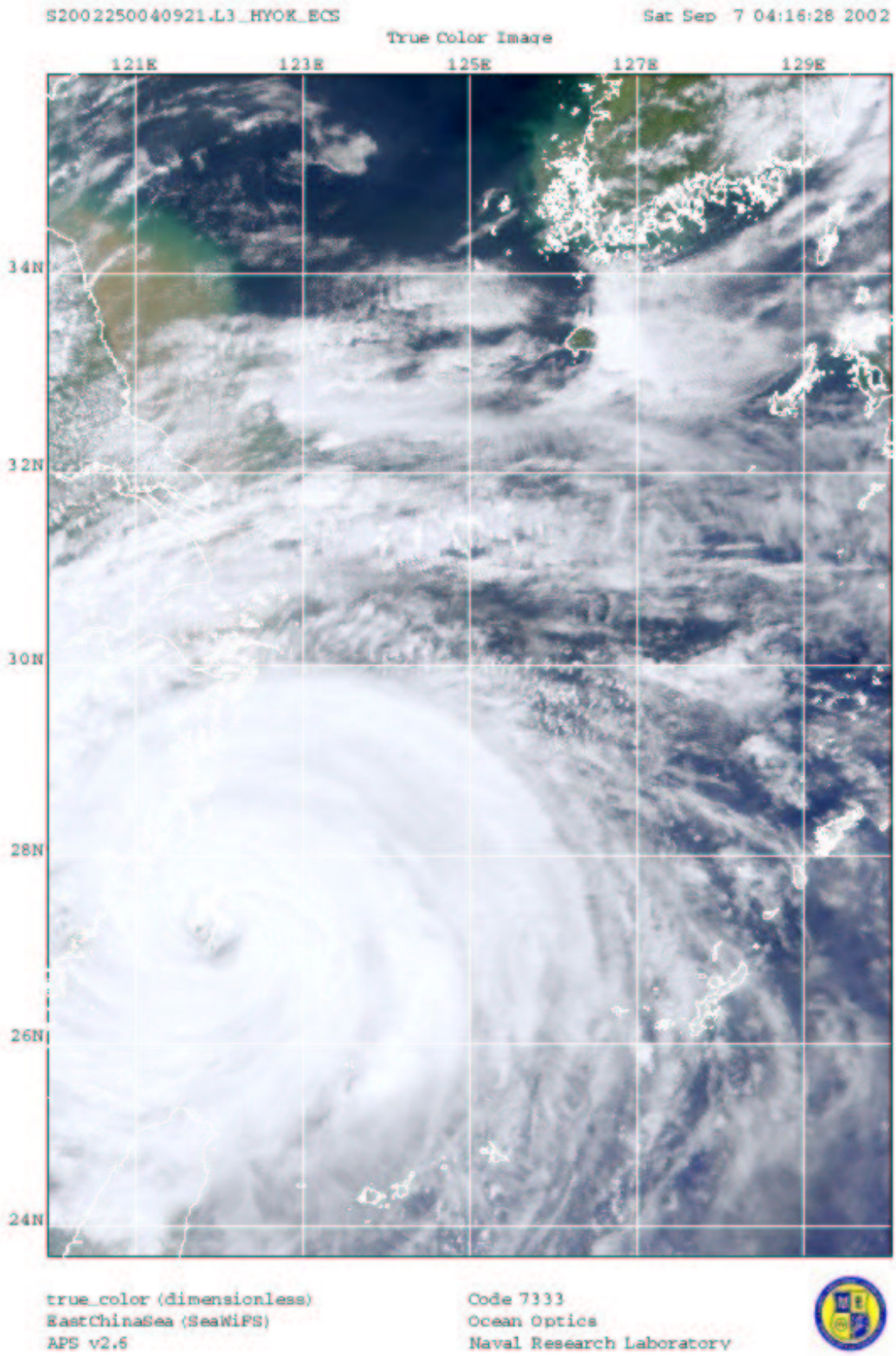
The Chesapeake Bay image map is 640 pixels wide and 640 pixels high. The point 78 ° W and 40 ° N is tied to the upper left corner of the image (1,1). gives the image an approximate resolution of 831 meters per pixel in the vertical direction and a range of 852 (top) to 912 (bottom) meters per pixel in the horizonal direction. This represents a 7 percent change in scale from top to bottom.

A MOS resolution image of the same area is called `ChesapeakeBay_MOS`.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(640,1)	544694 meters	852 meters
(1,320)	(640,320)	564136 meters	882 meters
(1,640)	(640,640)	583184 meters	912 meters
Vertical Lines			
(1,1)	(1,640)	566594 meters	886 meters
(320,1)	(320,640)	566594 meters	886 meters
(640,1)	(640,640)	566594 meters	886 meters

1.12. East China Sea



This image map covers the East China Sea

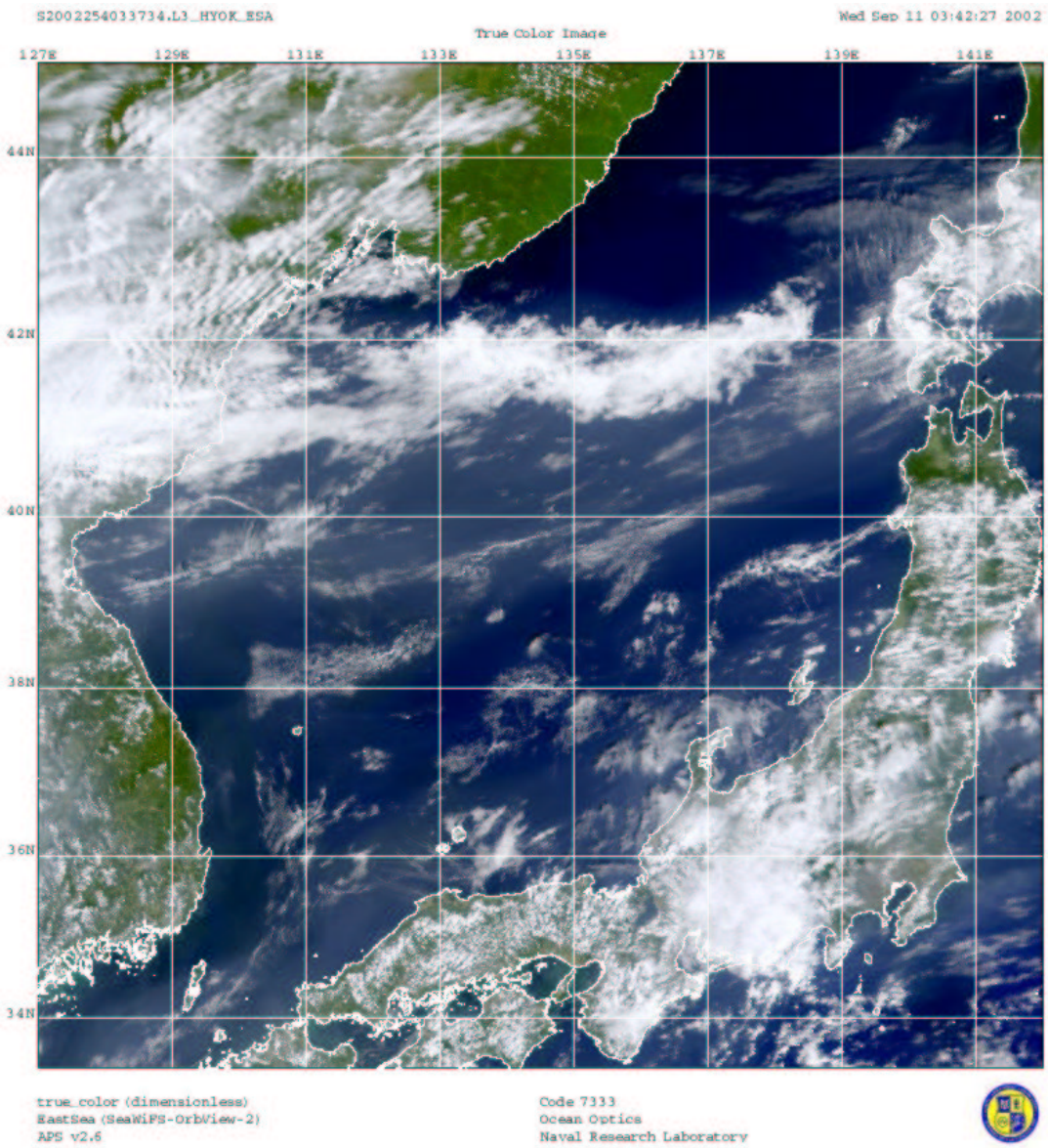
The Albers Equal Area projection is used with standard parallels at 45 ° N and 43 ° N. The latitude of origin is 43 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The East China Sea image map is 1400x700 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (700,350). This gives the image an approximate resolution of 1,000 meters per pixel in the vertical direction and 1,000 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1400,1)	1434234	124
Vertical Lines			
(1,1)	(1400,1)	1434234	124

1.13. EastSea



This image map covers the East Sea.

The Mercator projection is used with a longitude of central Meridian of 134.30 ° E. The latitude of true scale is 39.2° N. The WGS 84 datum was used.

The East Sea image map is 1500 pixels square. The point 127 ° E and 45 ° N is tied to the upper left corner of the image (1,1). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1200,1)	1253830 meters	1045 meters
(1,375)	(1200,375)	1256420 meters	1047 meters
(1,700)	(1200,700)	1254810 meters	1046 meters
Vertical Lines			
(1,1)	(1,750)	787159 meters	1051 meters
(600,1)	(600,750)	787147 meters	1051 meters
(1200,1)	(1200,750)	787159 meters	1051 meters

1.14. EastSound

This image map covers the East Sound.

The Merctor projection is used with standard parallels at 46 ° N and 42 ° N. The latitude of origin is 44 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The East Sound image map is 1200x750 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (600,375). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1200,1)	1253830 meters	1045 meters
(1,375)	(1200,375)	1256420 meters	1047 meters
(1,700)	(1200,700)	1254810 meters	1046 meters
Vertical Lines			
(1,1)	(1,750)	787159 meters	1051 meters
(600,1)	(600,750)	787147 meters	1051 meters
(1200,1)	(1200,750)	787159 meters	1051 meters

1.15. FloridaBay

This image map covers the Florida Bay.

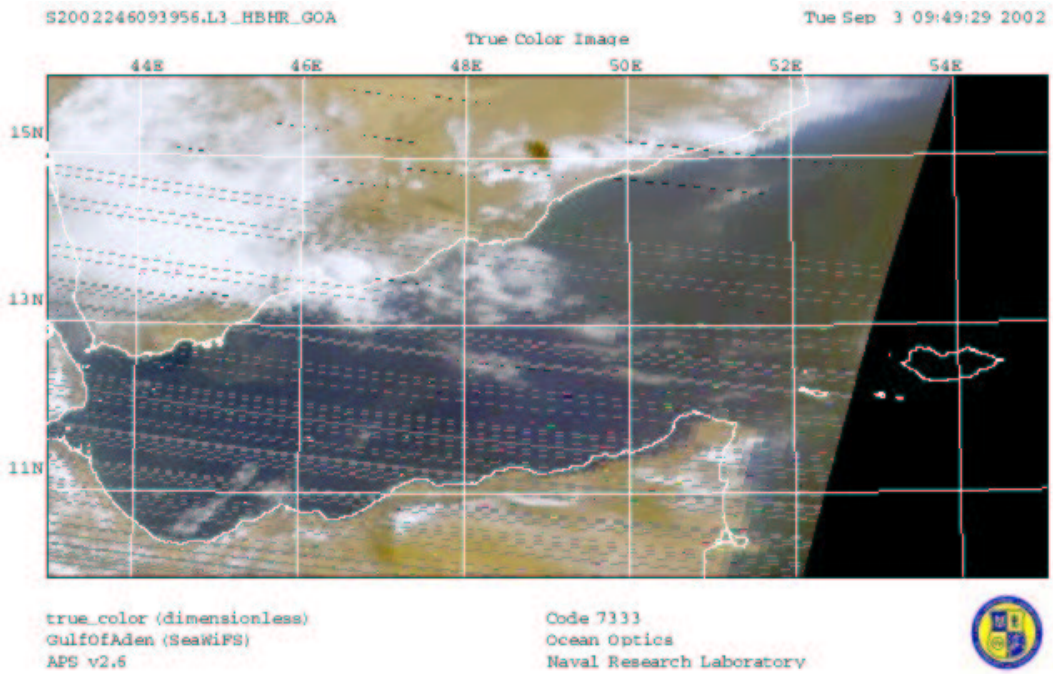
The Merctor projection is used with standard parallels at 46 ° N and 42 ° N. The latitude of origin is 44 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Florida Bay image map is 1200x750 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (600,375). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1200,1)	1253830 meters	1045 meters
(1,375)	(1200,375)	1256420 meters	1047 meters
(1,700)	(1200,700)	1254810 meters	1046 meters
Vertical Lines			
(1,1)	(1,750)	787159 meters	1051 meters
(600,1)	(600,750)	787147 meters	1051 meters
(1200,1)	(1200,750)	787159 meters	1051 meters

1.16. Gulf of Aden



This image map covers the Gulf of Aden

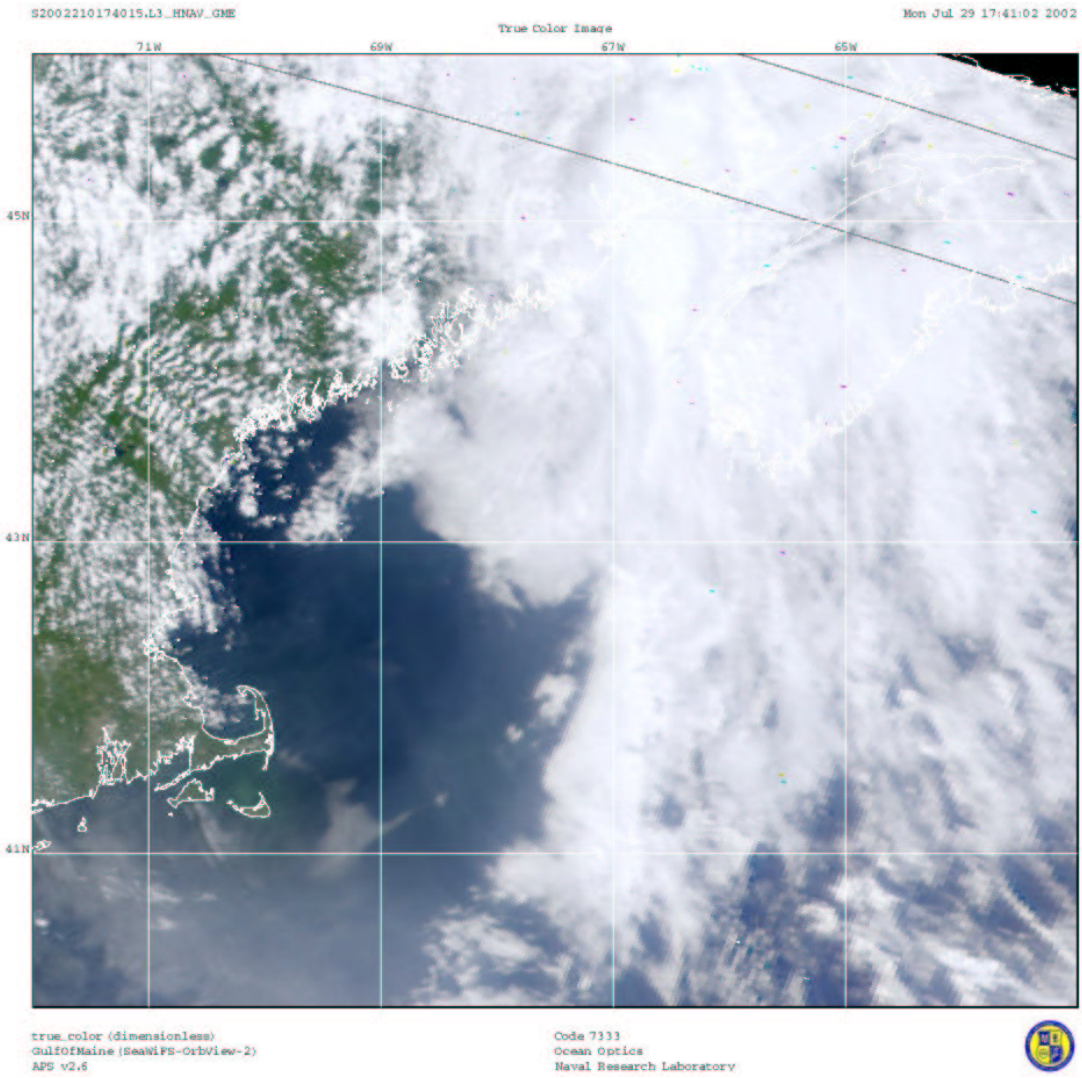
The Albers Equal Area projection is used with standard parallels at 45 ° N and 43 ° N. The latitude of origin is 43 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Gulf of Aden image map is 1400x700 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (700,350). This gives the image an approximate resolution of 1,000 meters per pixel in the vertical direction and 1,000 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1400,1)	1434234 meters	
Vertical Lines			
(1,1)	(1400,1)	1434234 meters	

1.17. GulfOfMaine



This image map covers the Gulf of Maine.

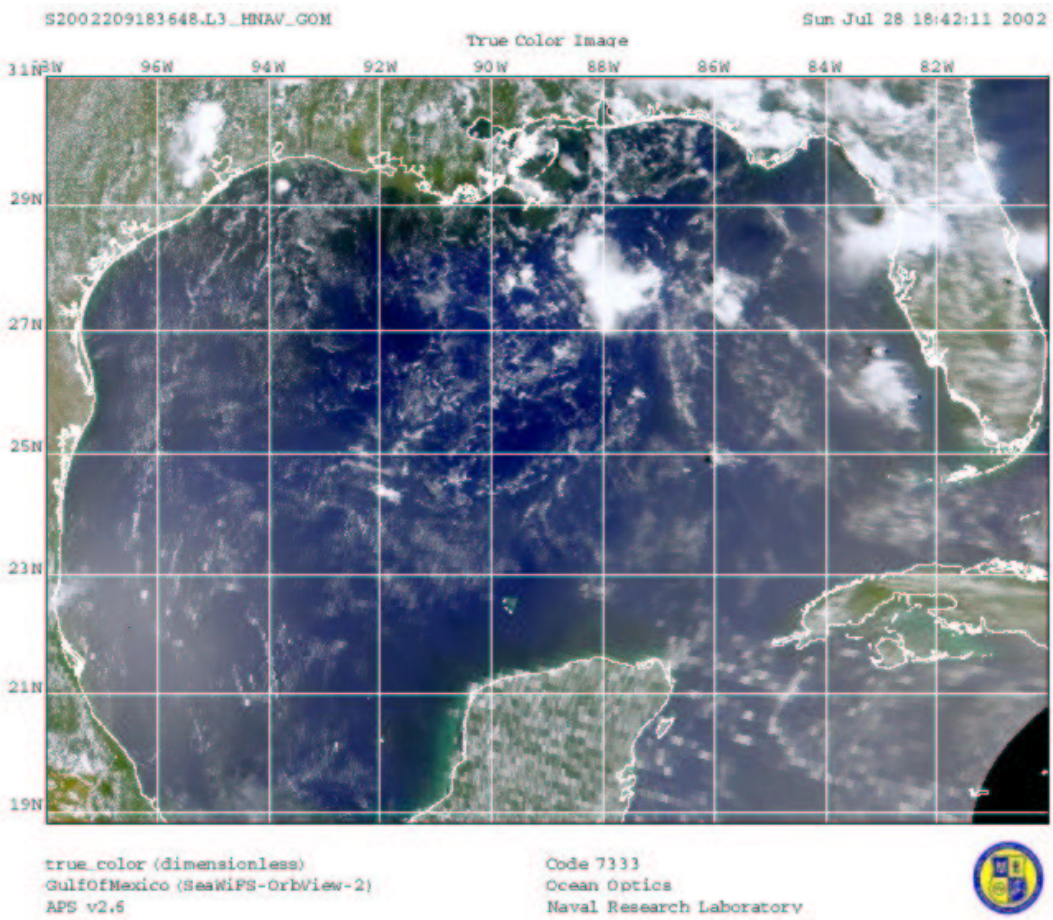
The Merctor projection is used with standard parallels at 46 ° N and 42 ° N. The latitude of origin is 44 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Gulf of Maine image map is 1200x750 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (600,375). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1200,1)	1253830 meters	1045 meters
(1,375)	(1200,375)	1256420 meters	1047 meters
(1,700)	(1200,700)	1254810 meters	1046 meters
Vertical Lines			
(1,1)	(1,750)	787159 meters	1051 meters
(600,1)	(600,750)	787147 meters	1051 meters
(1200,1)	(1200,750)	787159 meters	1051 meters

1.18. GulfOfMexico



This image map covers the Gulf of Mexico.

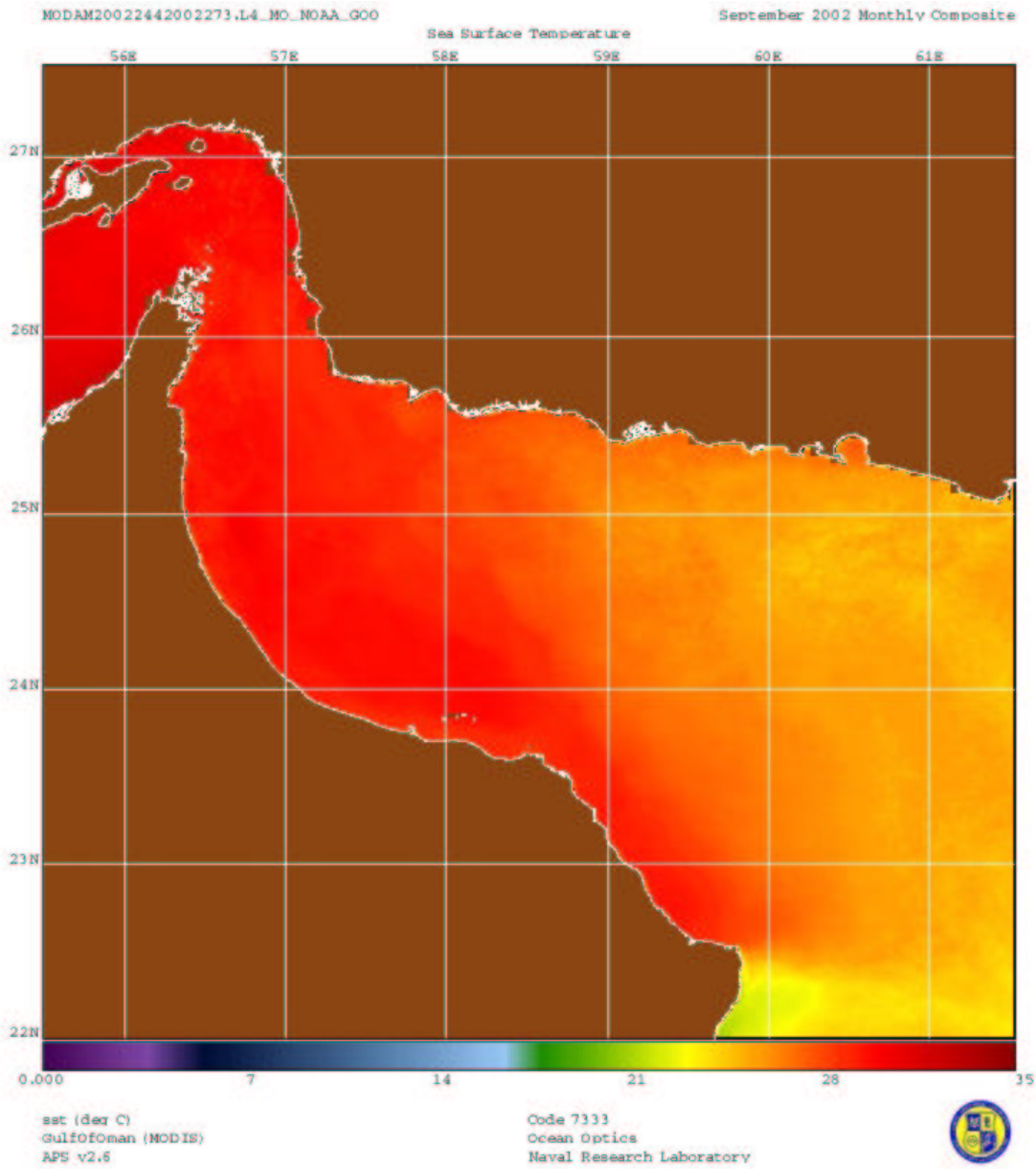
The Merctor projection is used with standard parallels at 46 ° N and 42 ° N. The latitude of origin is 44 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Gulf of Mexico image map is 1200x750 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (600,375). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1200,1)	1253830 meters	1045 meters
(1,375)	(1200,375)	1256420 meters	1047 meters
(1,700)	(1200,700)	1254810 meters	1046 meters
Vertical Lines			
(1,1)	(1,750)	787159 meters	1051 meters
(600,1)	(600,750)	787147 meters	1051 meters
(1200,1)	(1200,750)	787159 meters	1051 meters

1.19. GulfOfOman



This image map covers the Gulf of Oman.

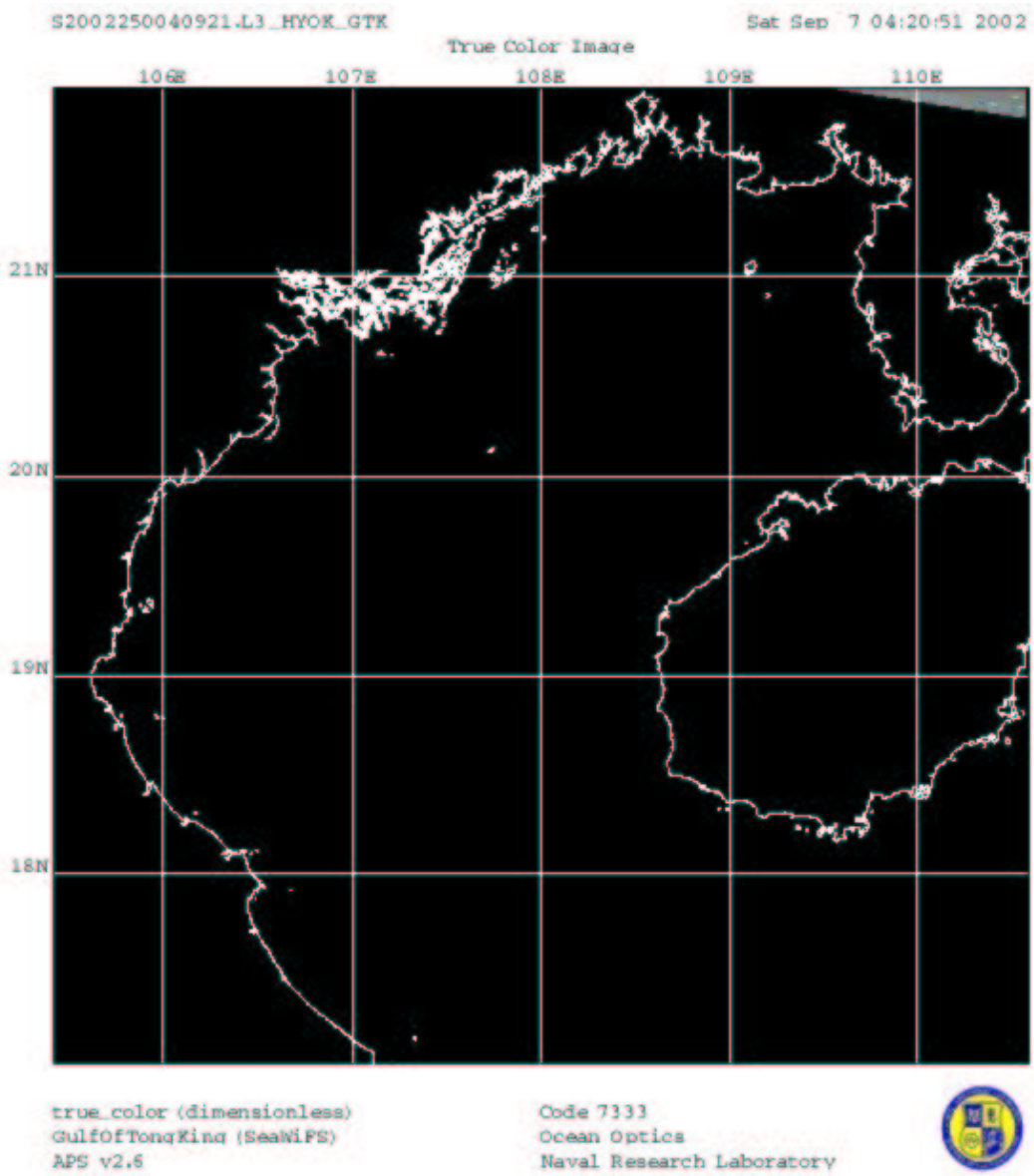
The Merctor projection is used with standard parallels at 46 ° N and 42 ° N. The latitude of origin is 44 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Gulf of Oman image map is 1200x750 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (600,375). This gives the image an approximate resolution of 1,045 meters per pixel in the vertical direction and 1,046 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1200,1)	1253830 meters	1045 meters
(1,375)	(1200,375)	1256420 meters	1047 meters
(1,700)	(1200,700)	1254810 meters	1046 meters
Vertical Lines			
(1,1)	(1,750)	787159 meters	1051 meters
(600,1)	(600,750)	787147 meters	1051 meters
(1200,1)	(1200,750)	787159 meters	1051 meters

1.20. Gulf of TongKing



This image map covers the Gulf of TongKing

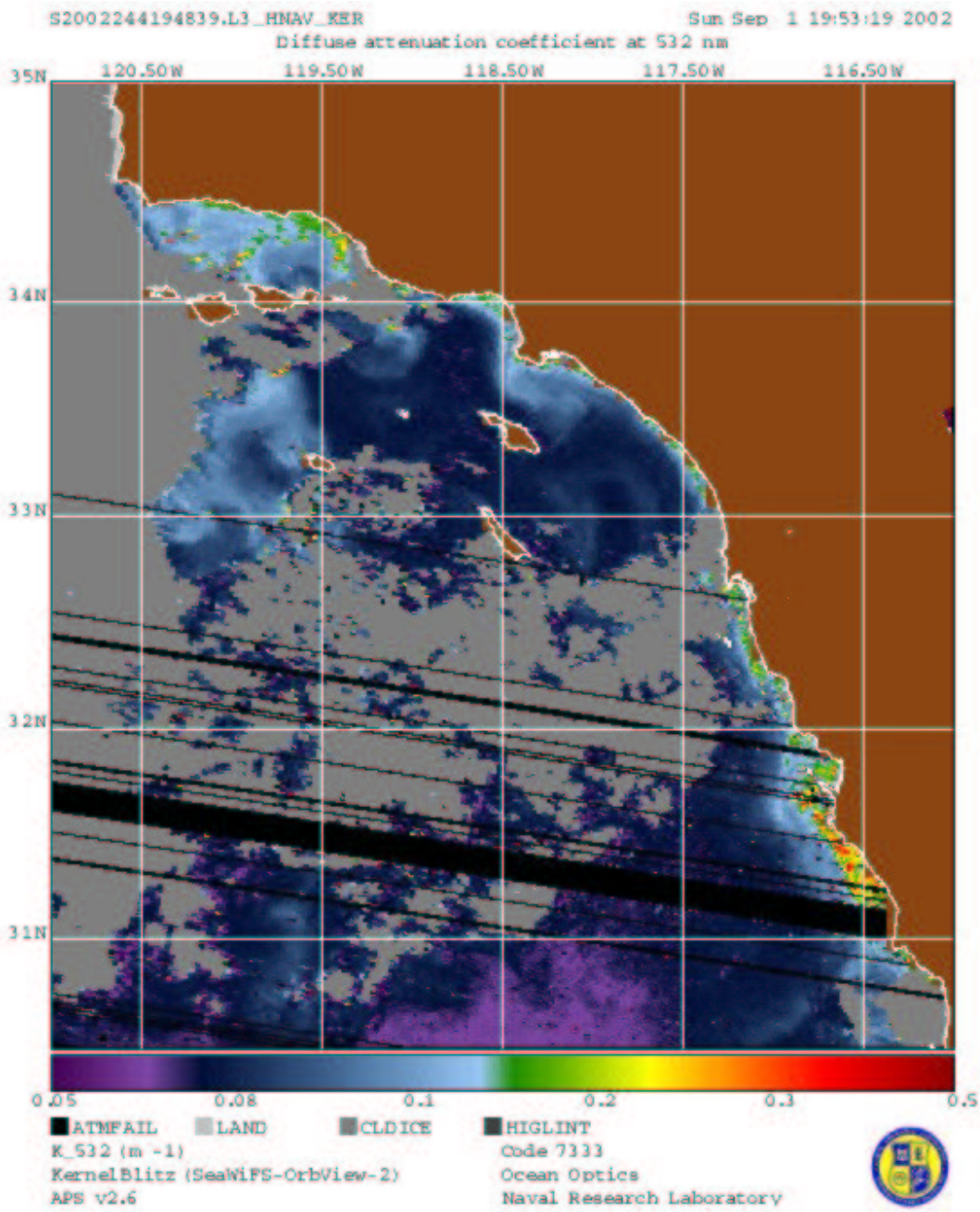
The Albers Equal Area projection is used with standard parallels at 45 ° N and 43 ° N. The latitude of origin is 43 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Gulf of TongKing image map is 1400x700 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (700,350). This gives the image an approximate resolution of 1,000 meters per pixel in the vertical direction and 1,000 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1400,1)	1434234 meters	
Vertical Lines			
(1,1)	(1400,1)	1434234 meters	

1.21. KernelBlitz



This image map covers KernelBlitz

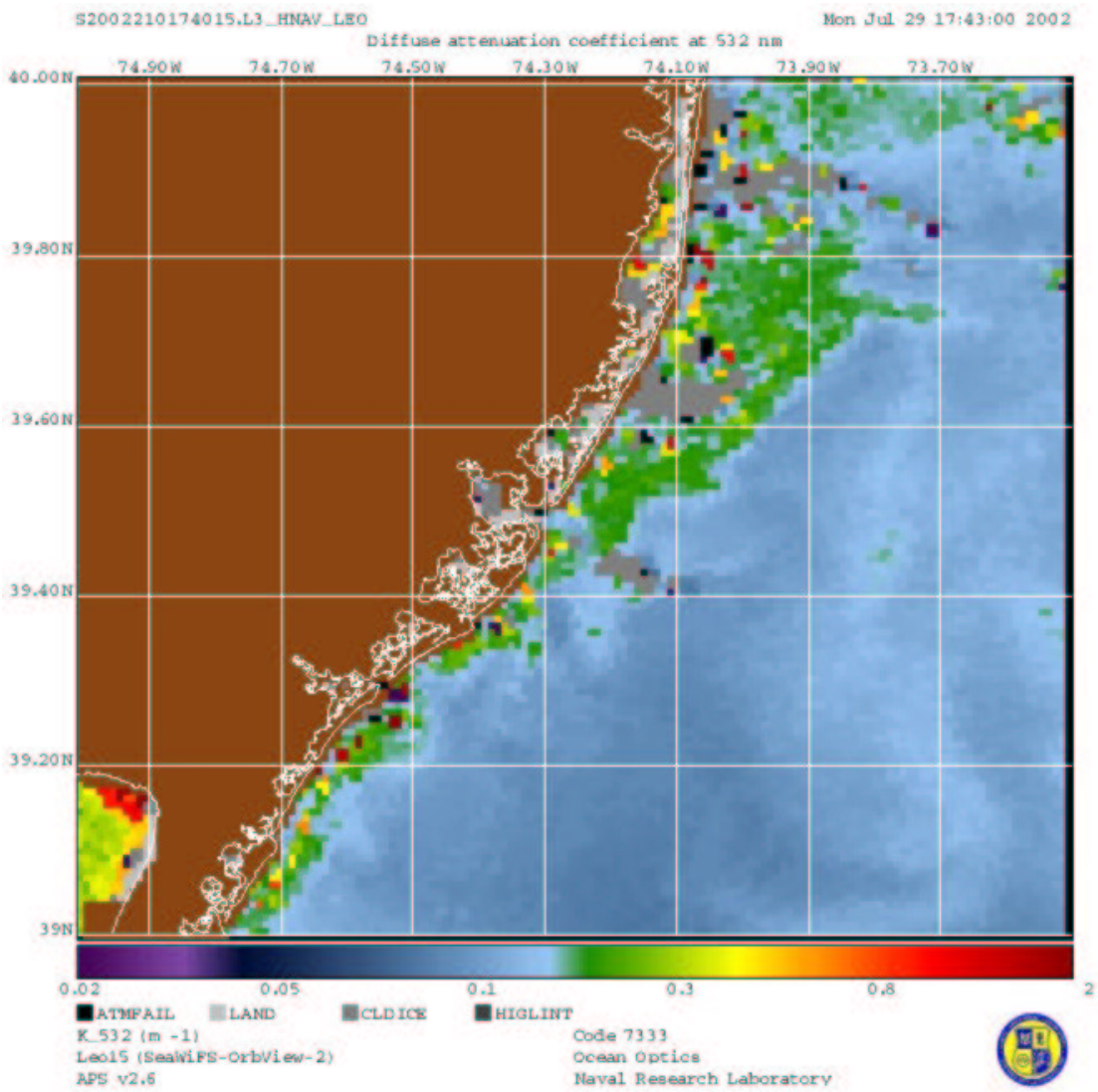
This KernelBlitz image map uses the Mercator projection. The longitude of central meridian is set to 118030000 ° W. The latitude of true scale is 32045000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The KernelBlitz image map is 500 pixels wide and 535 pixels high. The point 121 ° W and 35 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(500,1)	455094 meters	912 meters
(1,267)	(500,267)	467115 meters	936 meters
(1,535)	(500,535)	478802 meters	960 meters
Vertical Lines			
(1,1)	(1,535)	502280 meters	941 meters
(250,1)	(250,535)	502280 meters	941 meters
(500,1)	(500,535)	502280 meters	941 meters

1.22. Leo15



This image map covers Leo15

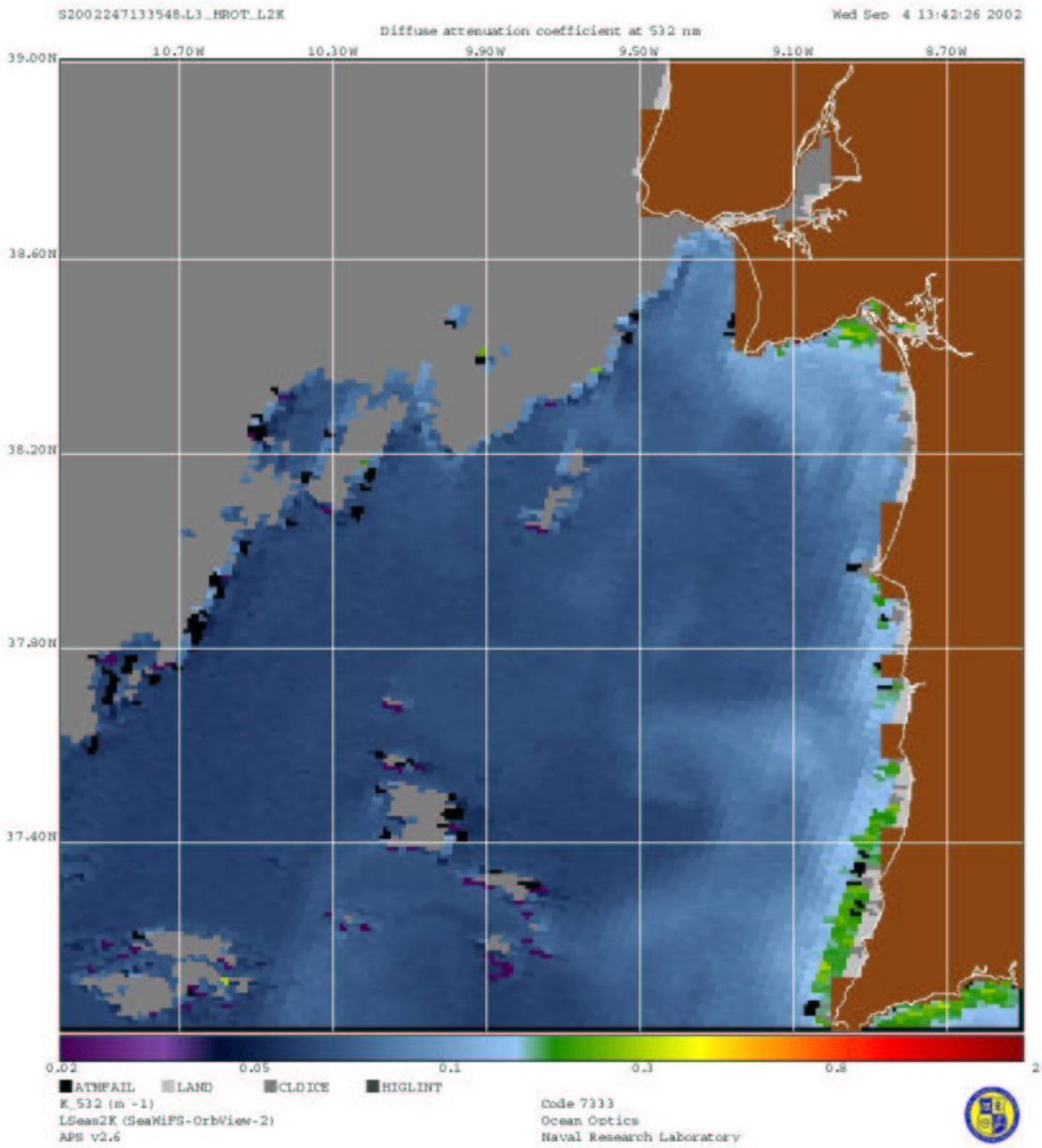
This Leo15 image map uses the Mercator projection. The longitude of central meridian is set to 74015000 ° W. The latitude of true scale is 39030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Leo15 image map is 150 pixels wide and 130 pixels high. The point 75 ° W and 40 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(150,1)	127689 meters	857 meters
(1,65)	(150,65)	128614 meters	863 meters
(1,130)	(150,130)	129550 meters	869 meters
Vertical Lines			
(1,1)	(1,130)	111804 meters	867 meters
(75,1)	(75,130)	111804 meters	867 meters
(150,1)	(150,130)	111804 meters	867 meters

1.23. LSeas2K



This image map covers LSeas2K

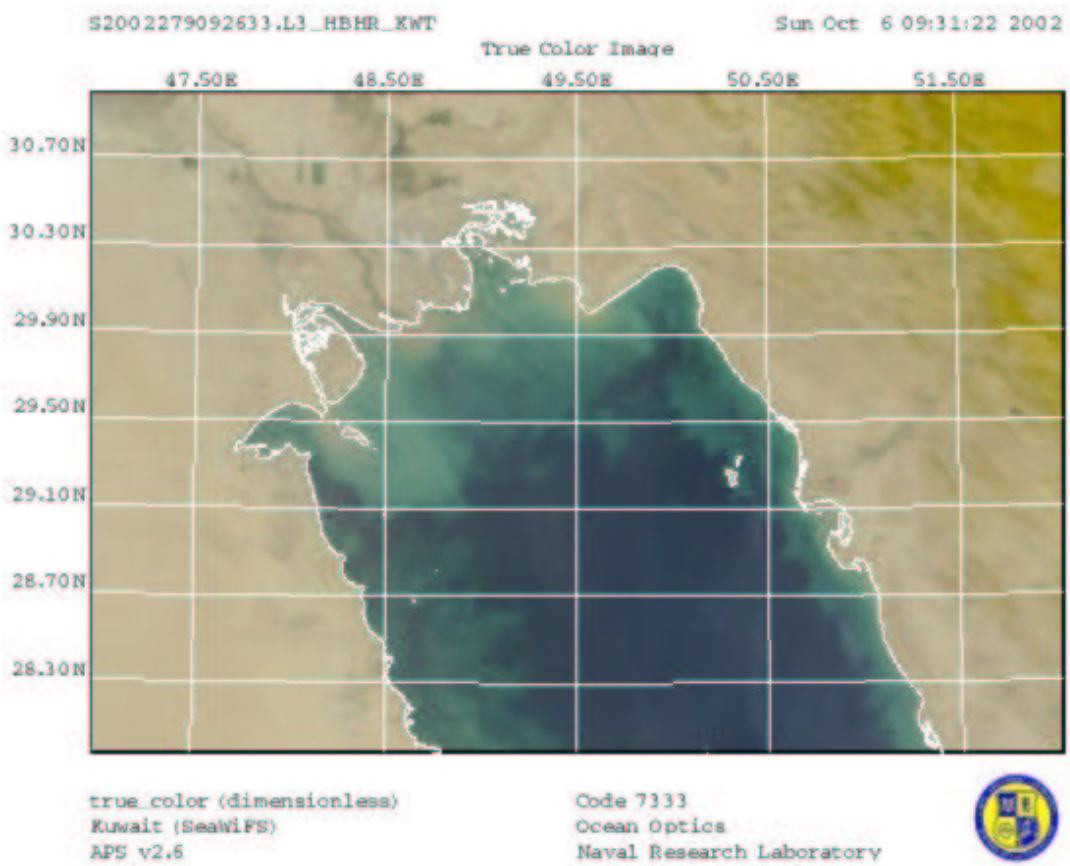
This LSeas2K image map uses the Mercator projection. The longitude of central meridian is set to 9045000 ° W. The latitude of true scale is 38000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The LSeas2K image map is 251 pixels wide and 253 pixels high. The point 11 ° W and 39 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(251,1)	215894 meters	864 meters
(1,126)	(251,126)	218860 meters	875 meters
(1,253)	(251,253)	221847 meters	887 meters
Vertical Lines			
(1,1)	(1,253)	221560 meters	879 meters
(125,1)	(125,253)	221560 meters	879 meters
(251,1)	(251,253)	221560 meters	879 meters

1.24. Kuwait



This image map covers Kuwait

This Kuwait image map uses the Alber Equal Area projection. The standard parallel are at 31 ° N and 28 ° N. The longitude of central meridian is 49.50 ° E and the latitude of projection origin is 29.50 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 49030000 ° E. The latitude of true scale is 29030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Kuwait image map is 496 pixels wide and 336 pixels high. The point 49.50 ° E and 29.50 ° N is tied to the center (248,168) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(496,1)	492311 meters	995 meters
(1,168)	(496,168)	492515 meters	995 meters
(1,336)	(496,336)	492379 meters	995 meters
Vertical Lines			
(1,1)	(1,336)	334830 meters	999 meters
(248,1)	(248,336)	334829 meters	999 meters
(496,1)	(496,336)	334830 meters	999 meters

1.25. Kuwait4

This image map covers Kuwait (at 250 m resolution)

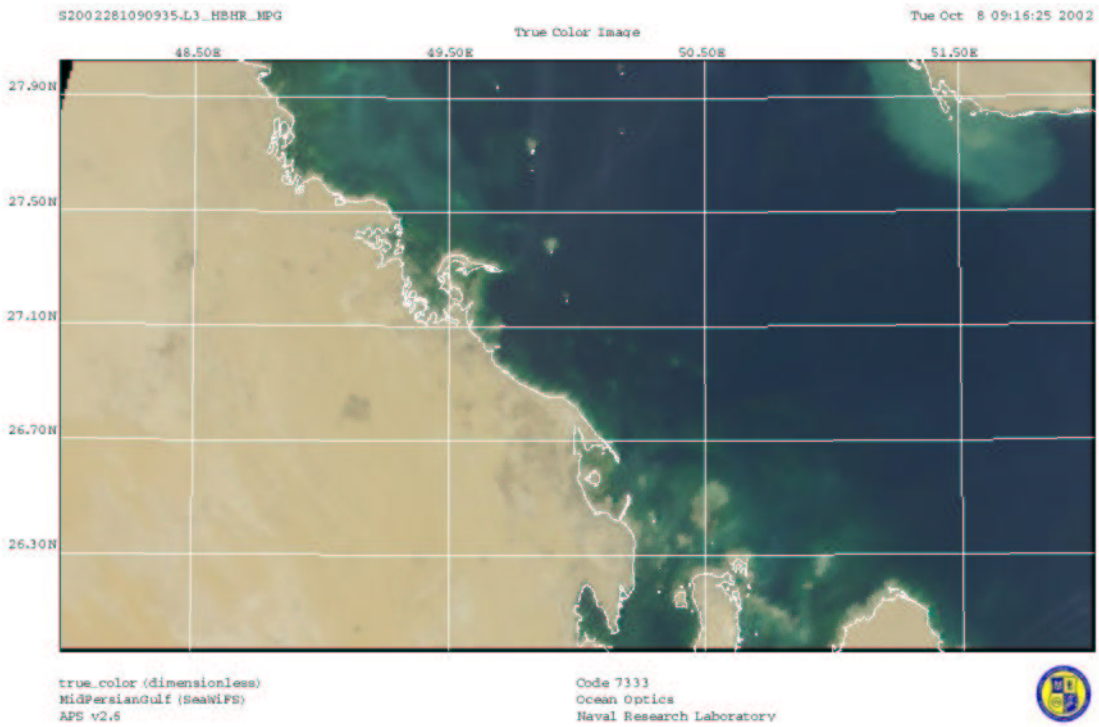
This Kuwait image map uses the Alber Equal Area projection. The standard parallel are at 31 ° N and 28 ° N. The longitude of central meridian is 49.50 ° E and the latitude of projection origin is 29.50 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 49030000 ° E. The latitude of true scale is 29030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Kuwait4 image map is 1984 pixels wide and 1344 pixels high. The point 49.50 ° E and 29.50 ° N is tied to the center (992,672) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1984,1)	493055 meters	249 meters
(1,672)	(1984,672)	493261 meters	249 meters
(1,1344)	(1984,1344)	493125 meters	249 meters
Vertical Lines			
(1,1)	(1,1344)	335579 meters	250 meters
(992,1)	(992,1344)	335579 meters	250 meters
(1984,1)	(1984,1344)	335579 meters	250 meters

1.26. MidPersianGulf



This image map covers MidPersianGulf

This MidPersianGulf image map uses the Alber Equal Area projection. The standard parallel are at 28 ° N and 26 ° N. The longitude of central meridian is 50 ° E and the latitude of projection origin is 27 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 50000000 ° E. The latitude of true scale is 27000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The MidPersianGulf image map is 404 pixels wide and 230 pixels high. The point 50 ° E and 27 ° N is tied to the center (202,115) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(404,1)	399402 meters	991 meters
(1,115)	(404,115)	399484 meters	991 meters
(1,230)	(404,230)	399438 meters	991 meters
Vertical Lines			
(1,1)	(1,230)	228160 meters	996 meters
(202,1)	(202,230)	228159 meters	996 meters
(404,1)	(404,230)	228160 meters	996 meters

1.27. MidPersianGulf4

This image map covers MidPersianGulf at 250 meter resolution

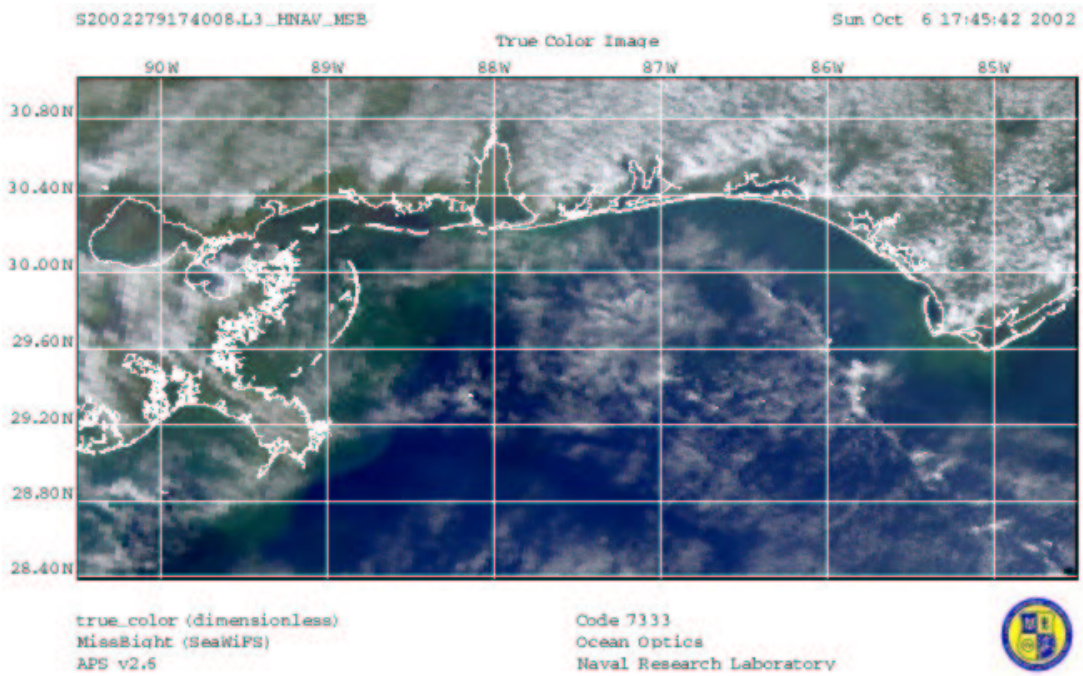
This MidPersianGulf4 image map uses the Alber Equal Area projection. The standard parallel are at 28 ° N and 26 ° N. The longitude of central meridian is 50 ° E and the latitude of projection origin is 27 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 50000000 ° E. The latitude of true scale is 27000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The MidPersianGulf4 image map is 1616 pixels wide and 920 pixels high. The point 50 ° E and 27 ° N is tied to the center (808,460) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1616,1)	403714 meters	250 meters
(1,460)	(1616,460)	403800 meters	250 meters
(1,920)	(1616,920)	403753 meters	250 meters
Vertical Lines			
(1,1)	(1,920)	230950 meters	251 meters
(808,1)	(808,920)	230950 meters	251 meters
(1616,1)	(1616,920)	230950 meters	251 meters

1.28. MissBight



This image map covers MissBight

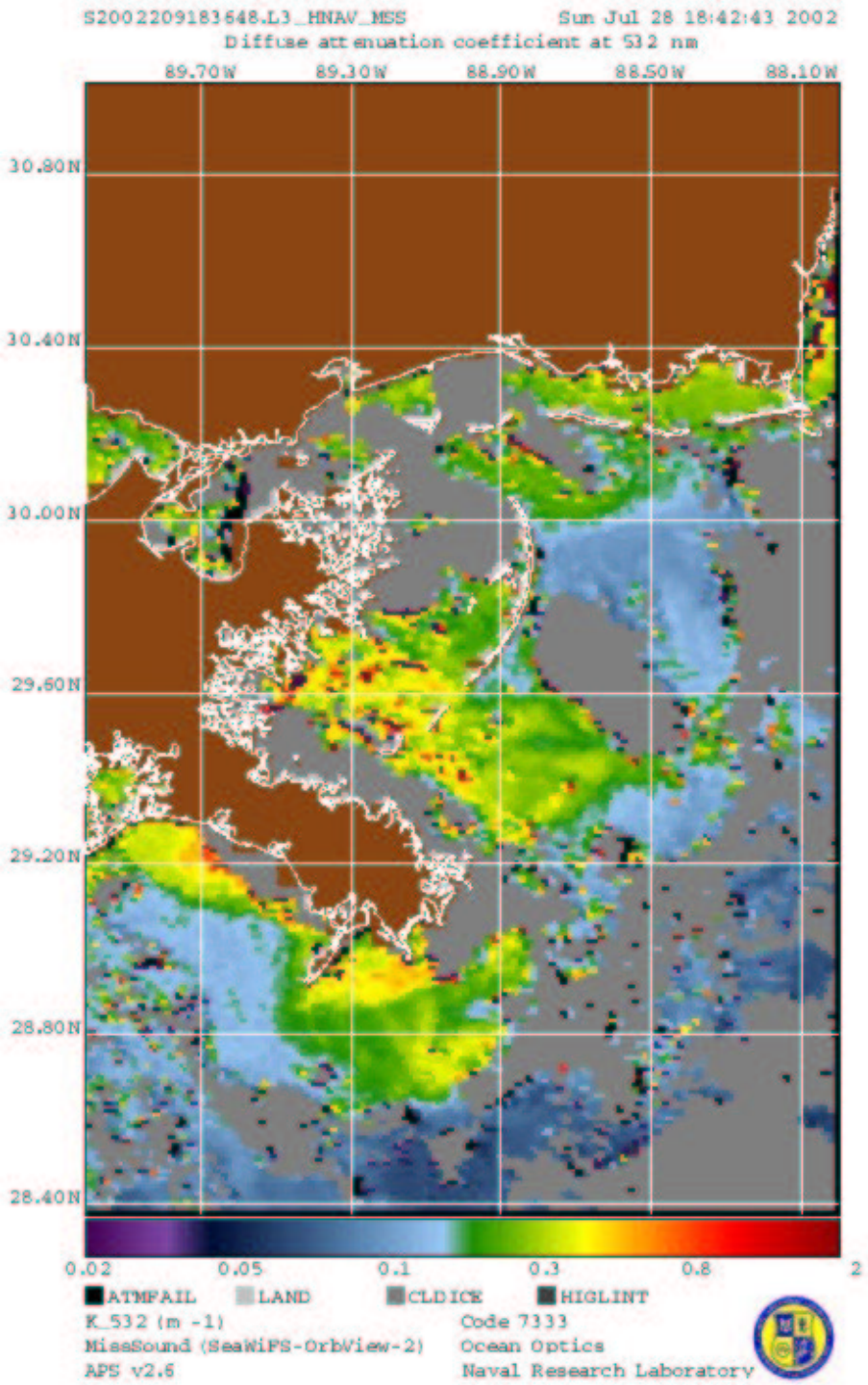
This MissBight image map uses the Mercator projection. The longitude of central meridian is set to 87030000 ° W. The latitude of true scale is 29030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The MissBight image map is 600 pixels wide and 300 pixels high. The point 90.50 ° W and 31 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(600,1)	571448 meters	954 meters
(1,150)	(600,150)	579063 meters	967 meters
(1,300)	(600,300)	586526 meters	979 meters
Vertical Lines			
(1,1)	(1,300)	290546 meters	972 meters
(300,1)	(300,300)	290546 meters	972 meters
(600,1)	(600,300)	290546 meters	972 meters

1.29. MissSound



This image map covers MissSound

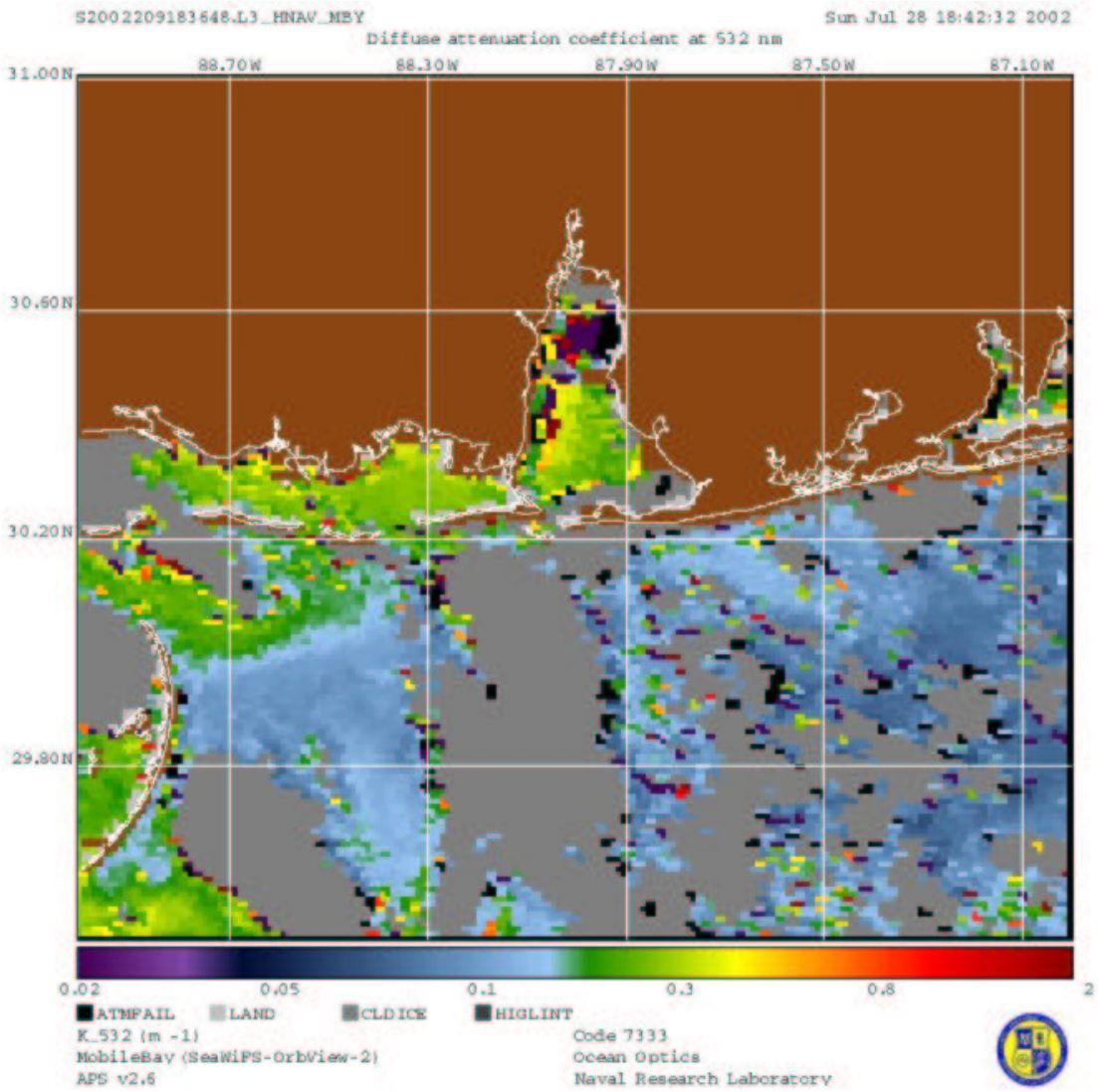
This MissSound image map uses the Mercator projection. The longitude of central meridian is set to 89000000 ° W. The latitude of true scale is 29030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The MissSound image map is 200 pixels wide and 300 pixels high. The point 90 ° W and 31 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(200,1)	190503 meters	957 meters
(1,150)	(200,150)	193049 meters	970 meters
(1,300)	(200,300)	195543 meters	983 meters
Vertical Lines			
(1,1)	(1,300)	291532 meters	975 meters
(100,1)	(100,300)	291532 meters	975 meters
(200,1)	(200,300)	291532 meters	975 meters

1.30. MobileBay



This image map covers MobileBay

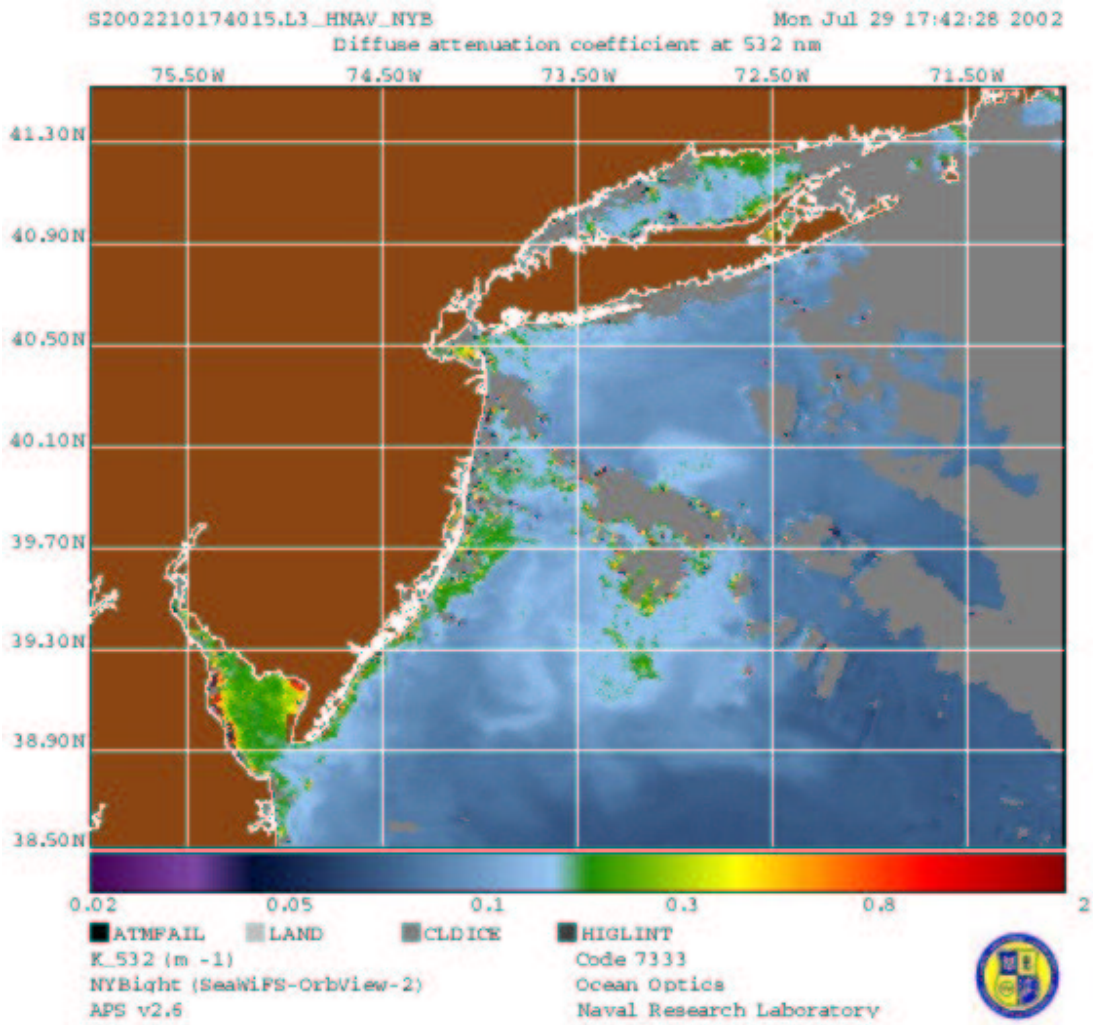
This MobileBay image map uses the Mercator projection. The longitude of central meridian is set to 88000000 ° W. The latitude of true scale is 30015000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The MobileBay image map is 200 pixels wide and 174 pixels high. The point 89 ° W and 31 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(200,1)	190503 meters	957 meters
(1,87)	(200,87)	191980 meters	965 meters
(1,174)	(200,174)	193453 meters	972 meters
Vertical Lines			
(1,1)	(1,174)	167743 meters	970 meters
(100,1)	(100,174)	167743 meters	970 meters
(200,1)	(200,174)	167743 meters	970 meters

1.31. NYBight



This image map covers NYBight

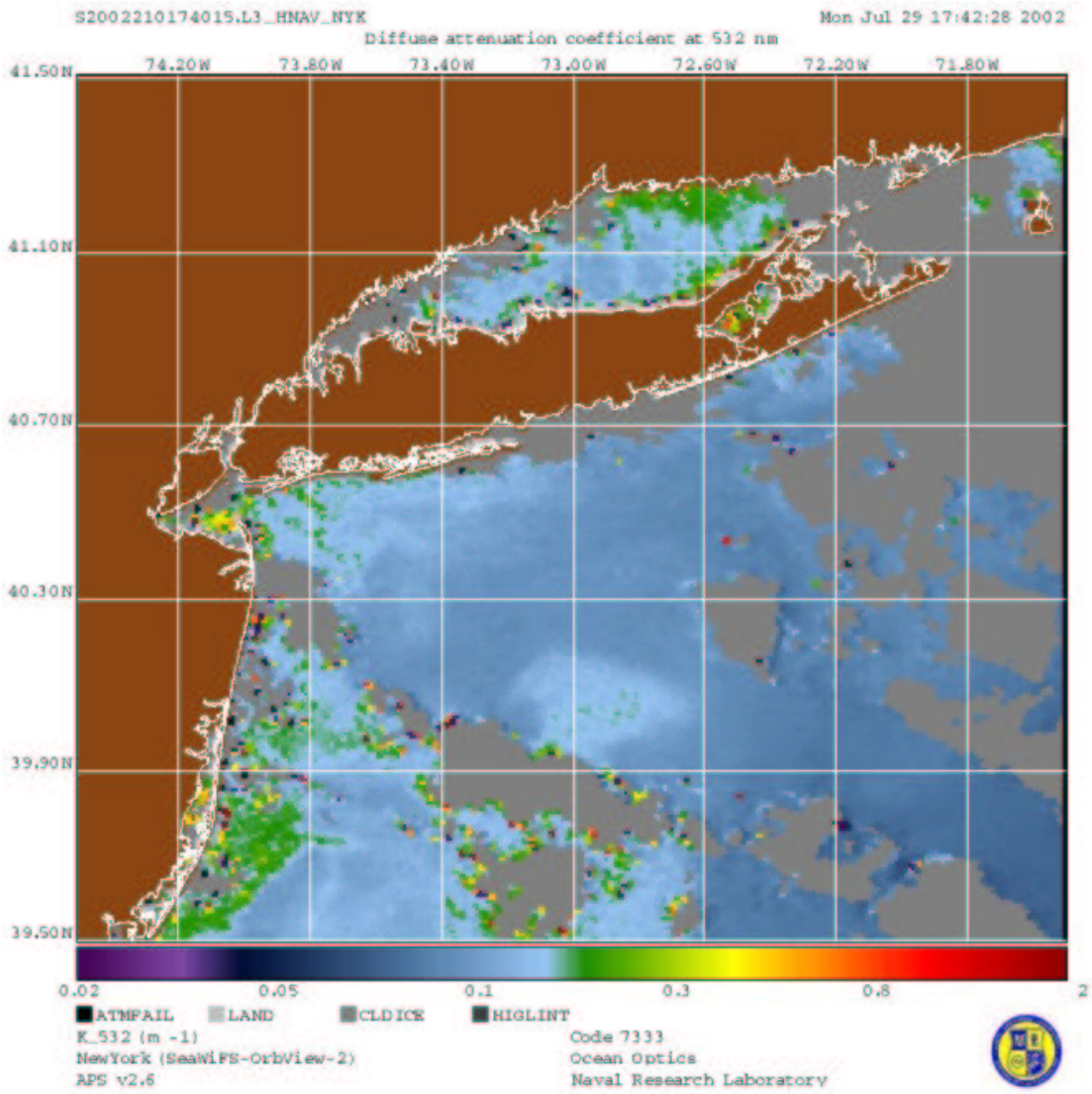
This NYBight image map uses the Mercator projection. The longitude of central meridian is set to 73030000 ° W. The latitude of true scale is 40000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The NYBight image map is 500 pixels wide and 390 pixels high. The point 76 ° W and 41.50 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(500,1)	416081 meters	834 meters
(1,195)	(500,195)	425441 meters	853 meters
(1,390)	(500,390)	434764 meters	871 meters
Vertical Lines			
(1,1)	(1,390)	333019 meters	856 meters
(250,1)	(250,390)	333019 meters	856 meters
(500,1)	(500,390)	333019 meters	856 meters

1.32. NewYork



This image map covers NewYork

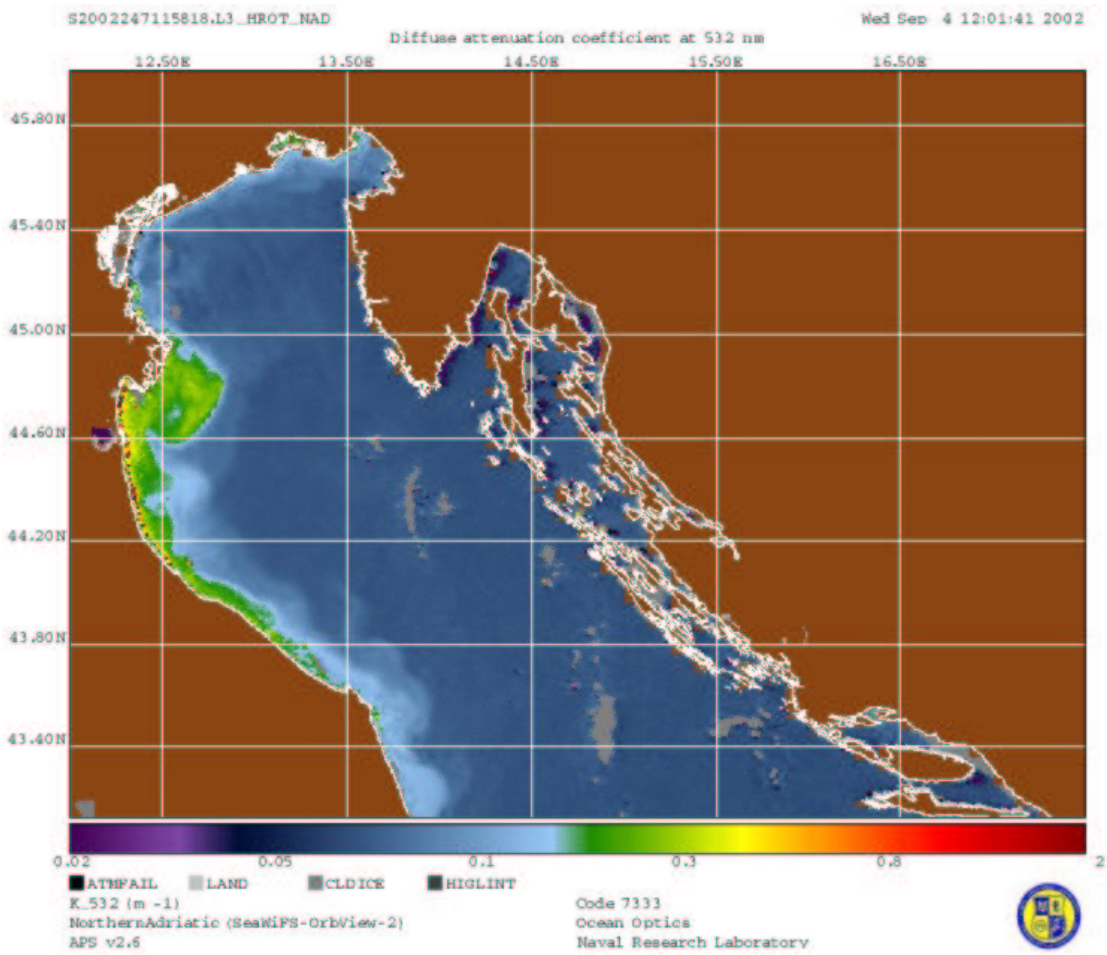
This NewYork image map uses the Mercator projection. The longitude of central meridian is set to 73000000 ° W. The latitude of true scale is 40030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The NewYork image map is 300 pixels wide and 263 pixels high. The point 74.50 ° W and 41.50 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(300,1)	249671 meters	835 meters
(1,131)	(300,131)	253443 meters	848 meters
(1,263)	(300,263)	257253 meters	860 meters
Vertical Lines			
(1,1)	(1,263)	222979 meters	851 meters
(150,1)	(150,263)	222979 meters	851 meters
(300,1)	(300,263)	222979 meters	851 meters

1.33. NorthernAdriatic



This image map covers NorthernAdriatic

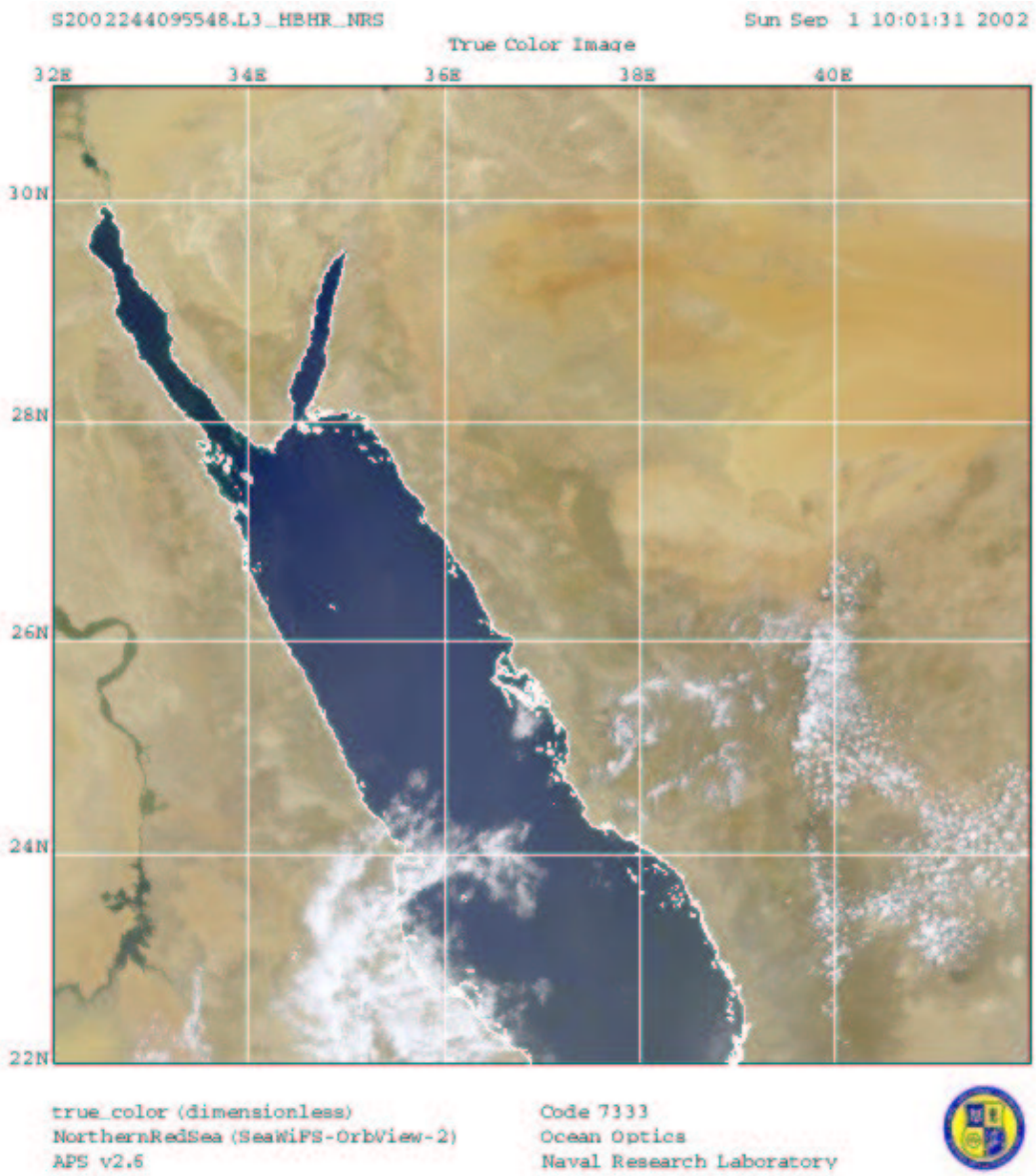
This NorthernAdriatic image map uses the Mercator projection. The longitude of central meridian is set to 14045000 ° E. The latitude of true scale is 44030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The NorthernAdriatic image map is 680 pixels wide and 500 pixels high. The point 12 ° E and 46 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(680,1)	424483 meters	625 meters
(1,250)	(680,250)	435276 meters	641 meters
(1,500)	(680,500)	446107 meters	657 meters
Vertical Lines			
(1,1)	(1,500)	321057 meters	643 meters
(340,1)	(340,500)	321057 meters	643 meters
(680,1)	(680,500)	321057 meters	643 meters

1.34. NorthernRedSea



This image map covers NorthernRedSea

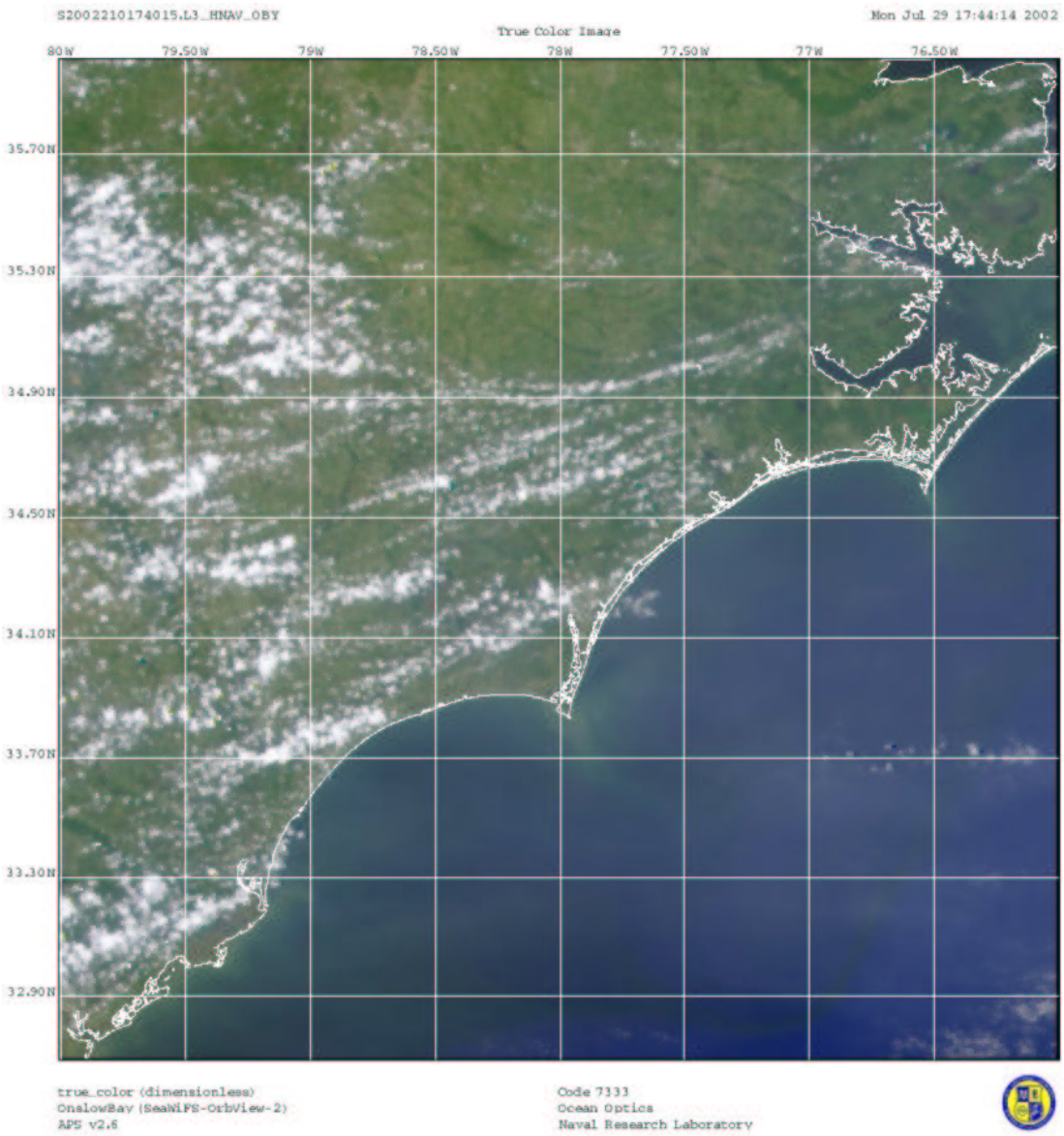
This NorthernRedSea image map uses the Mercator projection. The longitude of central meridian is set to 37000000 ° E. The latitude of true scale is 26000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The NorthernRedSea image map is 1024 pixels wide and 1024 pixels high. The point 32 ° E and 31 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1024,1)	952207 meters	931 meters
(1,512)	(1024,512)	993360 meters	971 meters
(1,1024)	(1024,1024)	1030027 meters	1007 meters
Vertical Lines			
(1,1)	(1,1024)	998241 meters	976 meters
(512,1)	(512,1024)	998241 meters	976 meters
(1024,1)	(1024,1024)	998241 meters	976 meters

1.35. OnslowBay



This image map covers OnslowBay

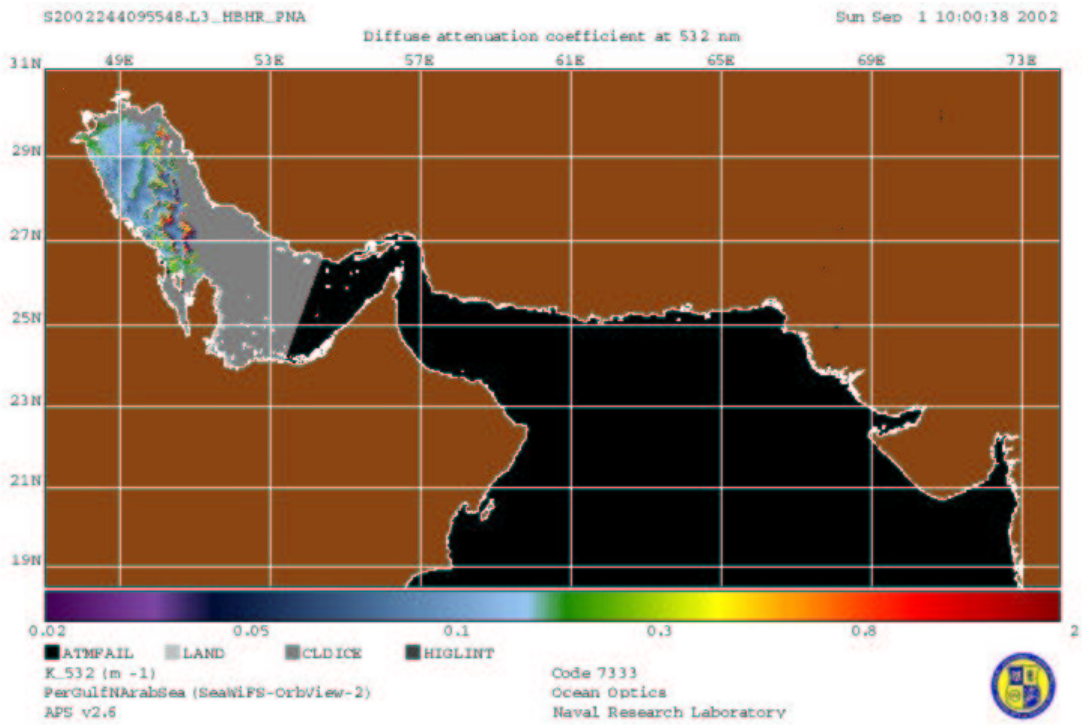
This OnslowBay image map uses the Mercator projection. The longitude of central meridian is set to 78000000 ° W. The latitude of true scale is 34000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The OnslowBay image map is 400 pixels wide and 400 pixels high. The point 80 ° W and 36 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(400,1)	359583 meters	901 meters
(1,200)	(400,200)	366905 meters	920 meters
(1,400)	(400,400)	374101 meters	938 meters
Vertical Lines			
(1,1)	(1,400)	368606 meters	924 meters
(200,1)	(200,400)	368606 meters	924 meters
(400,1)	(400,400)	368606 meters	924 meters

1.36. PerGulfNArabSea



This image map covers PerGulfNArabSea

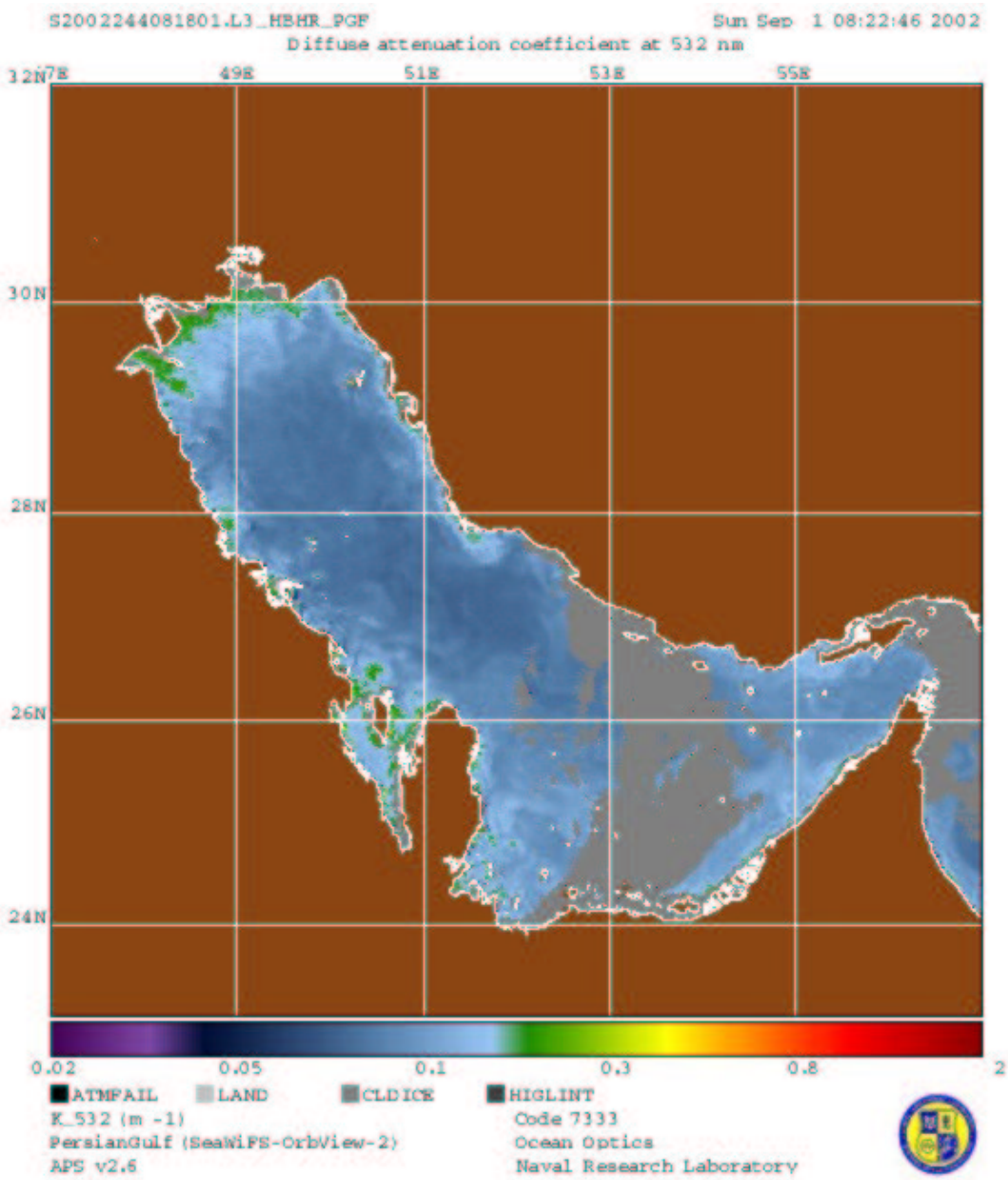
This PerGulfNArabSea image map uses the Mercator projection. The longitude of central meridian is set to 60030000 ° E. The latitude of true scale is 24045000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The PerGulfNArabSea image map is 2700 pixels wide and 1376 pixels high. The point 47 ° E and 31 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(2700,1)	2565414 meters	951 meters
(1,688)	(2700,688)	2716891 meters	1007 meters
(1,1376)	(2700,1376)	2843069 meters	1053 meters
Vertical Lines			
(1,1)	(1,1376)	1391988 meters	1012 meters
(1350,1)	(1350,1376)	1391988 meters	1012 meters
(2700,1)	(2700,1376)	1391988 meters	1012 meters

1.37. PersianGulf



This image map covers PersianGulf

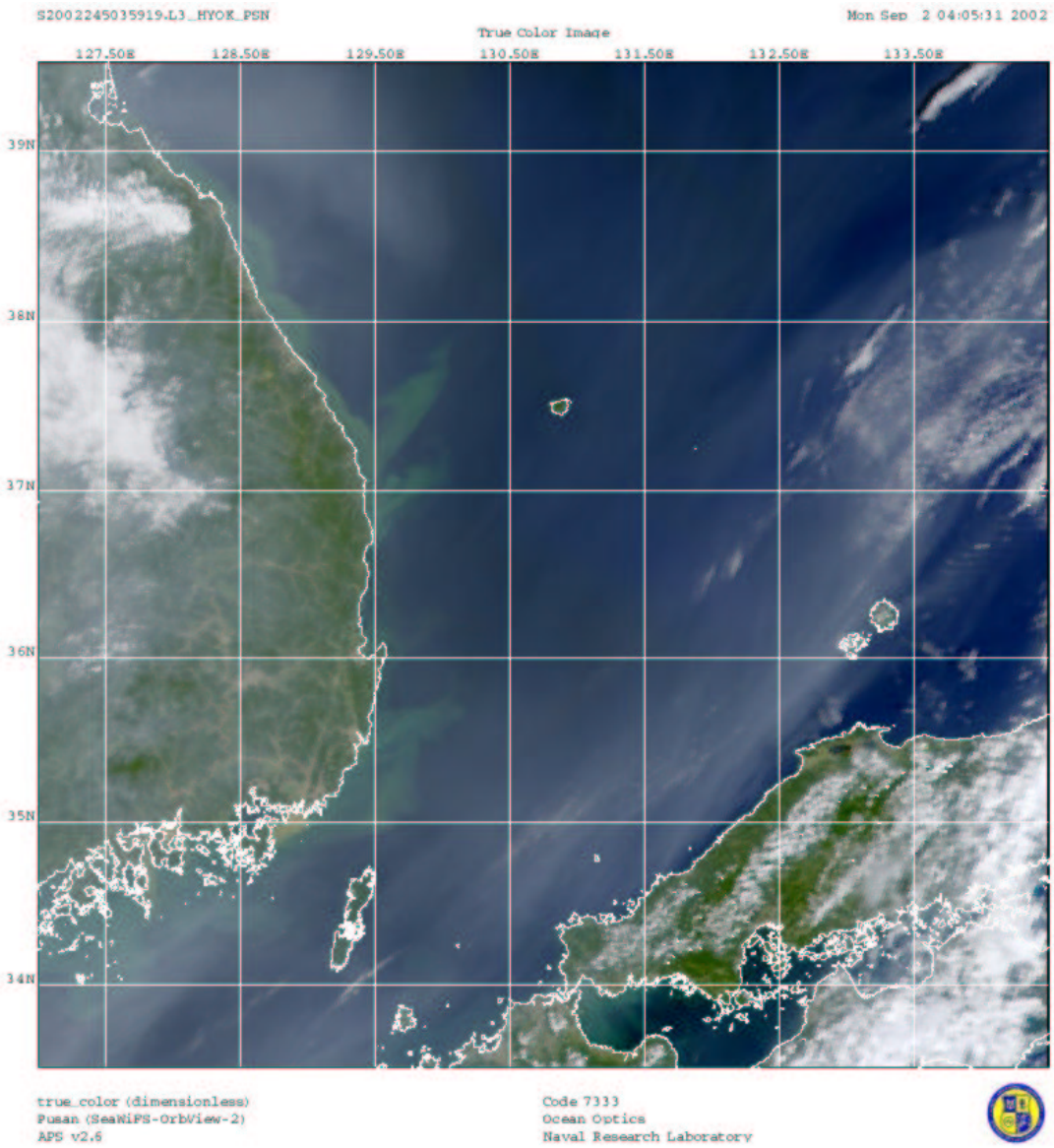
This PersianGulf image map uses the Mercator projection. The longitude of central meridian is set to 52000000 ° E. The latitude of true scale is 27000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The PersianGulf image map is 1024 pixels wide and 1024 pixels high. The point 47 ° E and 32 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1024,1)	942058 meters	921 meters
(1,512)	(1024,512)	984110 meters	962 meters
(1,1024)	(1024,1024)	1021945 meters	999 meters
Vertical Lines			
(1,1)	(1,1024)	988906 meters	967 meters
(512,1)	(512,1024)	988906 meters	967 meters
(1024,1)	(1024,1024)	988906 meters	967 meters

1.38. Pusan



This image map covers Pusan

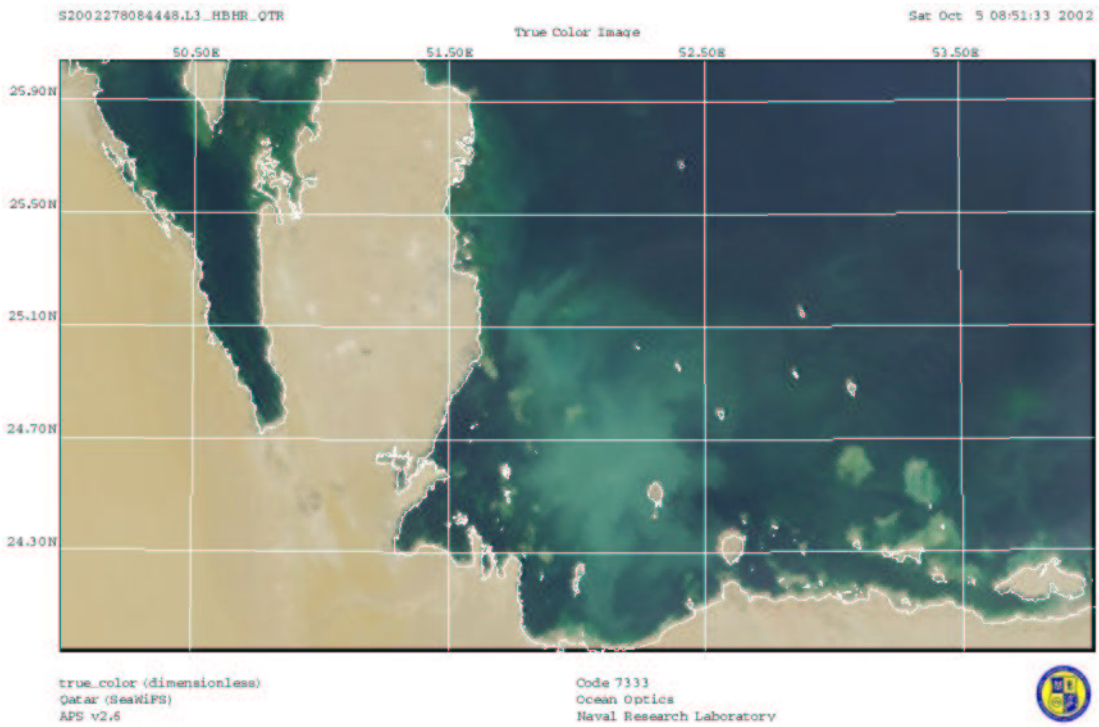
This Pusan image map uses the Mercator projection. The longitude of central meridian is set to 130045000 ° E. The latitude of true scale is 36030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Pusan image map is 750 pixels wide and 746 pixels high. The point 127 ° E and 39.50 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(750,1)	642916 meters	858 meters
(1,373)	(750,373)	669326 meters	894 meters
(1,746)	(750,746)	694983 meters	928 meters
Vertical Lines			
(1,1)	(1,746)	668717 meters	898 meters
(375,1)	(375,746)	668717 meters	898 meters
(750,1)	(750,746)	668717 meters	898 meters

1.39. Qatar



This image map covers Qatar

This Qatar image map uses the Alber Equal Area projection. The standard parallel are at 26 ° N and 24 ° N. The longitude of central meridian is 52 ° E and the latitude of projection origin is 25 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 52000000 ° E. The latitude of true scale is 25000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Qatar image map is 404 pixels wide and 230 pixels high. The point 52 ° E and 25 ° N is tied to the center (202,115) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(404,1)	405787 meters	1007 meters
(1,115)	(404,115)	405872 meters	1007 meters
(1,230)	(404,230)	405823 meters	1007 meters
Vertical Lines			
(1,1)	(1,230)	231851 meters	1012 meters
(202,1)	(202,230)	231851 meters	1012 meters
(404,1)	(404,230)	231851 meters	1012 meters

1.40. Qatar4

This image map covers Qatar

This Qatar4 image map uses the Alber Equal Area projection. The standard parallel are at 26 ° N and 24 ° N. The longitude of central meridian is 52 ° E and the latitude of projection origin is 25 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 52000000 ° E. The latitude of true scale is 25000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Qatar4 image map is 1616 pixels wide and 920 pixels high. The point 52 ° E and 25 ° N is tied to the center (808,460) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1616,1)	403252 meters	250 meters
(1,460)	(1616,460)	403336 meters	250 meters
(1,920)	(1616,920)	403288 meters	250 meters
Vertical Lines			
(1,1)	(1,920)	230727 meters	251 meters
(808,1)	(808,920)	230727 meters	251 meters
(1616,1)	(1616,920)	230727 meters	251 meters

1.41. RotaSite

This image map covers RotaSite

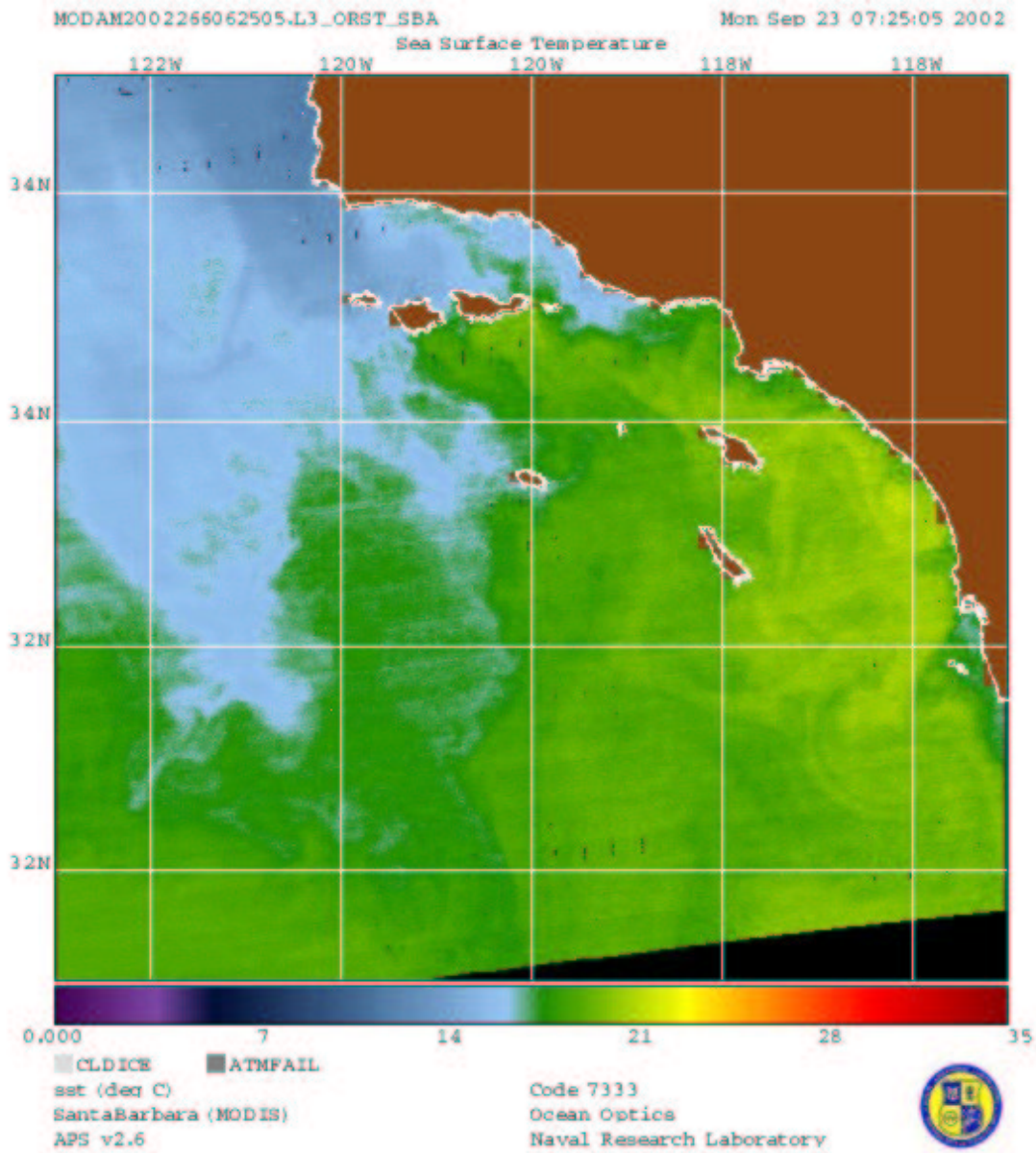
This RotaSite image map uses the Stereographic projection.

The RotaSite image map is 4096 pixels wide and 4096 pixels high. The point 6.21 ° W and 36.38 ° N is tied to the center (2048,2048) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(4096,1)	4346814 meters	1061 meters
(1,2048)	(4096,2048)	4485928 meters	1095 meters
(1,4096)	(4096,4096)	4346682 meters	1061 meters
Vertical Lines			
(1,1)	(1,4096)	4346814 meters	1061 meters
(2048,1)	(2048,4096)	4485928 meters	1095 meters
(4096,1)	(4096,4096)	4346682 meters	1061 meters

1.42. SantaBarbara



This image map covers SantaBarbara

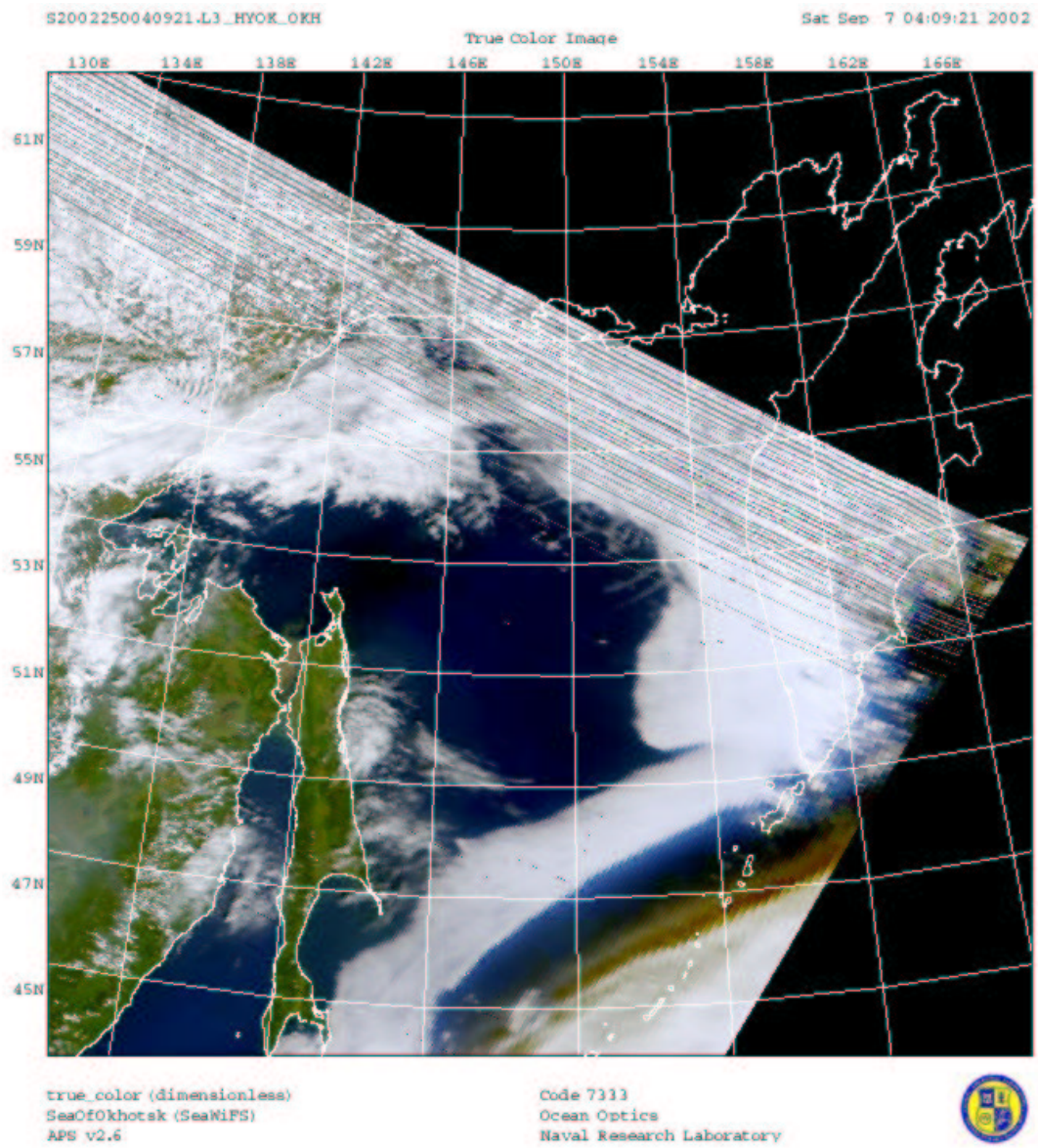
This SantaBarbara image map uses the Mercator projection. The longitude of central meridian is set to 119030000 ° W. The latitude of true scale is 33000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The SantaBarbara image map is 500 pixels wide and 475 pixels high. The point 122 ° W and 35 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(500,1)	455094 meters	912 meters
(1,237)	(500,237)	465779 meters	933 meters
(1,475)	(500,475)	476227 meters	954 meters
Vertical Lines			
(1,1)	(1,475)	444573 meters	938 meters
(250,1)	(250,475)	444573 meters	938 meters
(500,1)	(500,475)	444573 meters	938 meters

1.43. Sea of Okhotsk



This image map covers the Sea of Okhotsk

The Albers Equal Area projection is used with standard parallels at 45 ° N and 43 ° N. The latitude of origin is 43 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The Sea of Okhotsk image map is 1400x700 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (700,350). This gives the image an approximate resolution of 1,000 meters per pixel in the vertical direction and 1,000 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1400,1)	1434234 meters	
Vertical Lines			
(1,1)	(1400,1)	1434234 meters	

1.44. SouthAus

This image map covers SouthAus

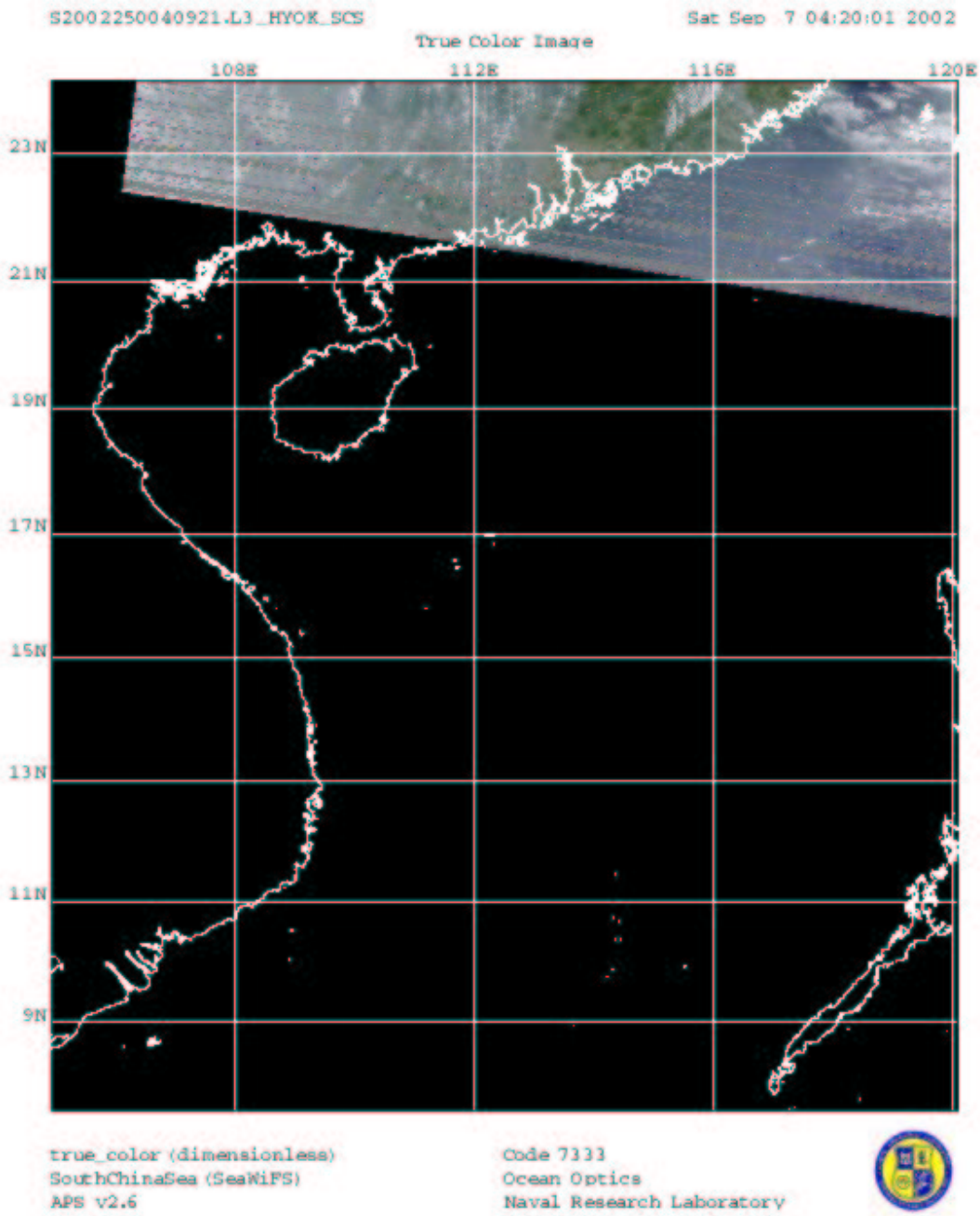
This SouthAus image map uses the Mercator projection. The longitude of central meridian is set to 130000000 ° E. The latitude of true scale is 40000000 ° S. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The SouthAus image map is 3000 pixels wide and 2000 pixels high. The point 115 ° E and 30 ° S is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(3000,1)	2878705 meters	960 meters
(1,1000)	(3000,1000)	2604788 meters	869 meters
(1,2000)	(3000,2000)	2312876 meters	771 meters
Vertical Lines			
(1,1)	(1,2000)	1749138 meters	875 meters
(1500,1)	(1500,2000)	1749138 meters	875 meters
(3000,1)	(3000,2000)	1749138 meters	875 meters

1.45. South China Sea



This image map covers the South China Sea

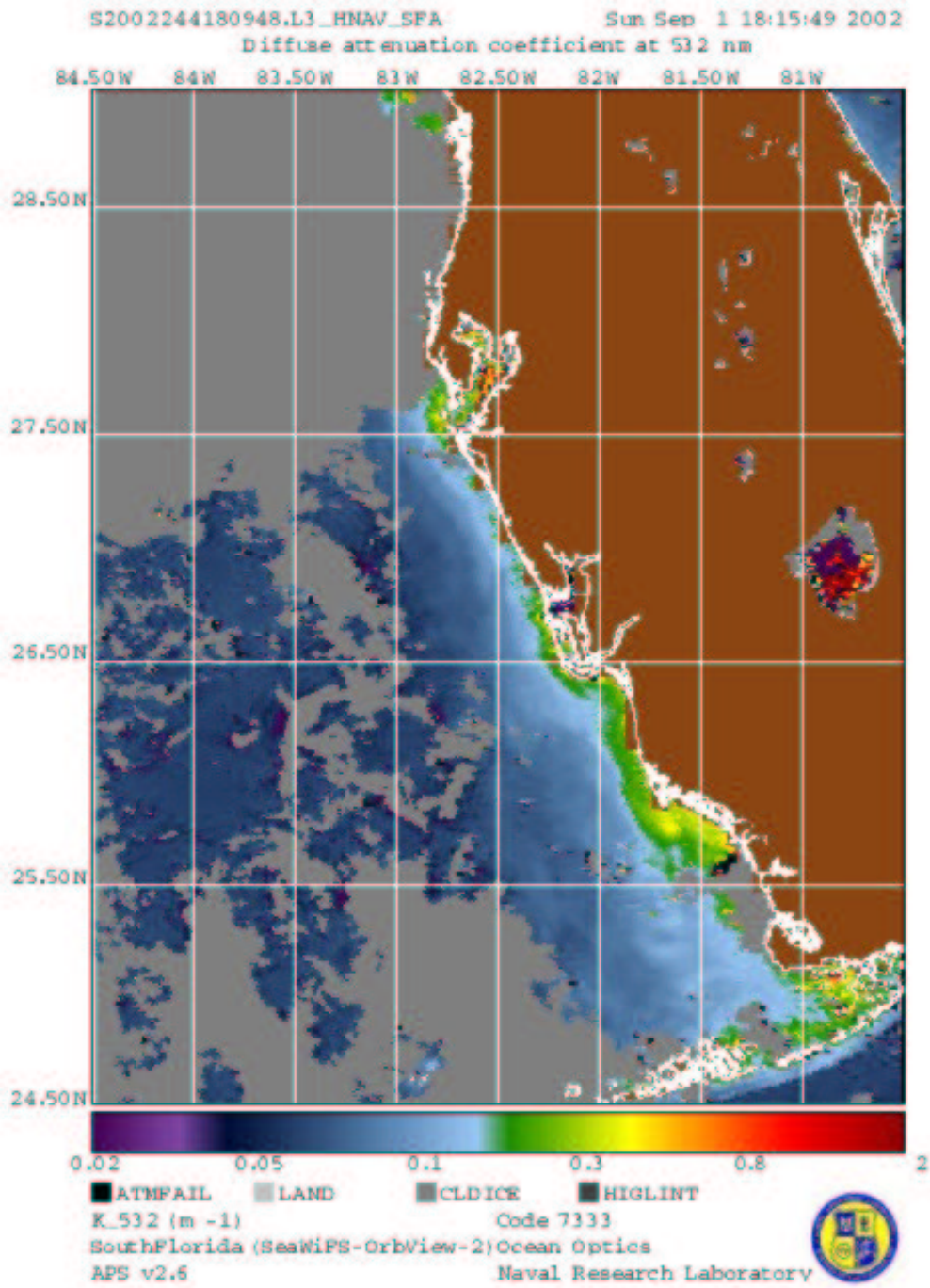
The Albers Equal Area projection is used with standard parallels at 45 ° N and 43 ° N. The latitude of origin is 43 ° N and the longitude of central meridian at set to 35 ° N. The WGS 84 datum was used.

The South China Sea image map is 1400x700 pixels. The point 35 ° E and 44 ° N is tie to the center of the image (700,350). This gives the image an approximate resolution of 1,000 meters per pixel in the vertical direction and 1,000 meters in the horizontal direction.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1400,1)	1434234 meters	
Vertical Lines			
(1,1)	(1400,1)	1434234 meters	

1.46. SouthFlorida



This image map covers SouthFlorida

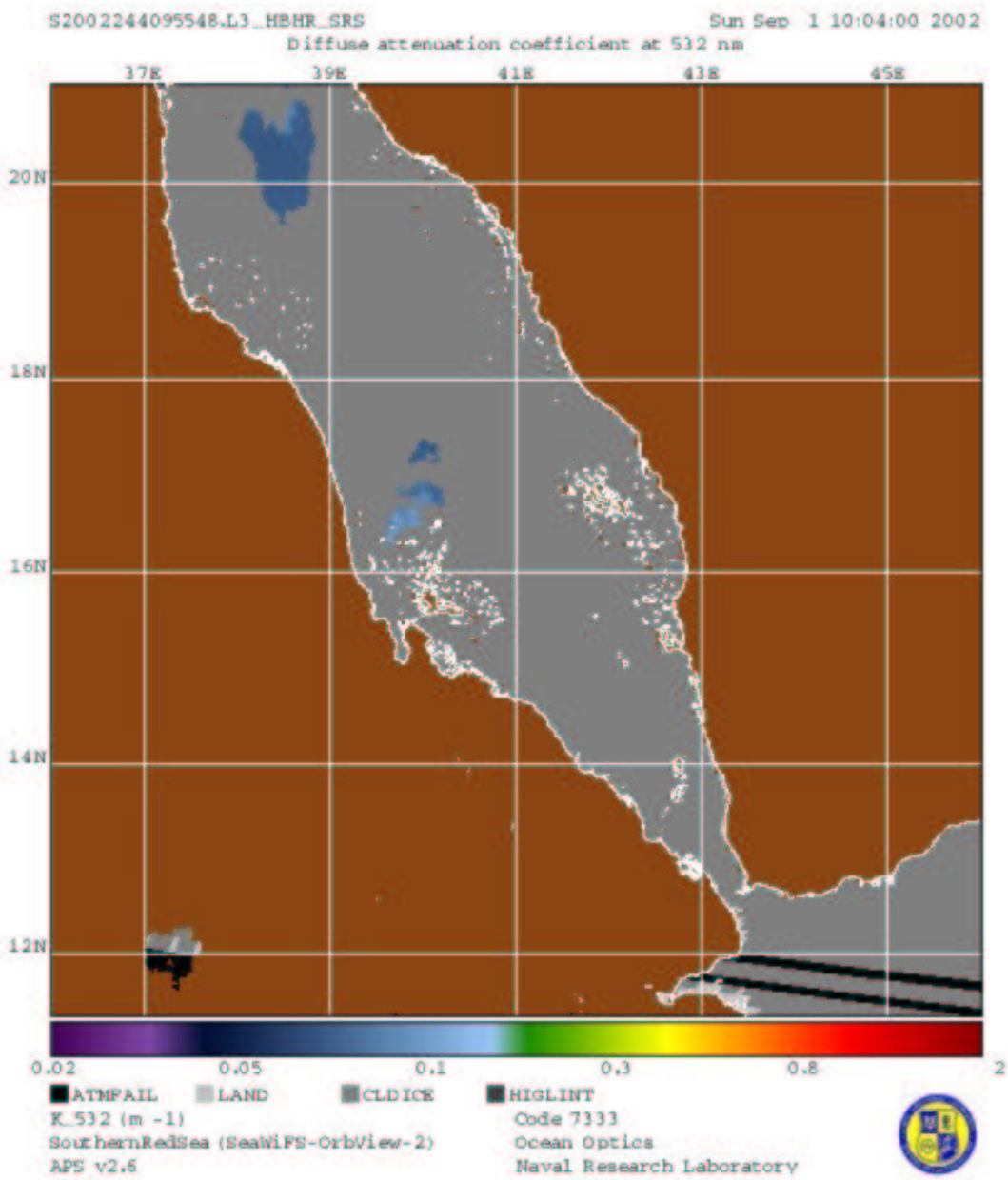
This SouthFlorida image map uses the Mercator projection. The longitude of central meridian is set to 82030000 ° W. The latitude of true scale is 26030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The SouthFlorida image map is 400 pixels wide and 500 pixels high. The point 84.50 ° W and 29 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(400,1)	388750 meters	974 meters
(1,250)	(400,250)	396800 meters	994 meters
(1,500)	(400,500)	404429 meters	1014 meters
Vertical Lines			
(1,1)	(1,500)	498860 meters	1000 meters
(200,1)	(200,500)	498860 meters	1000 meters
(400,1)	(400,500)	498860 meters	1000 meters

1.47. SouthernRedSea



This image map covers SouthernRedSea

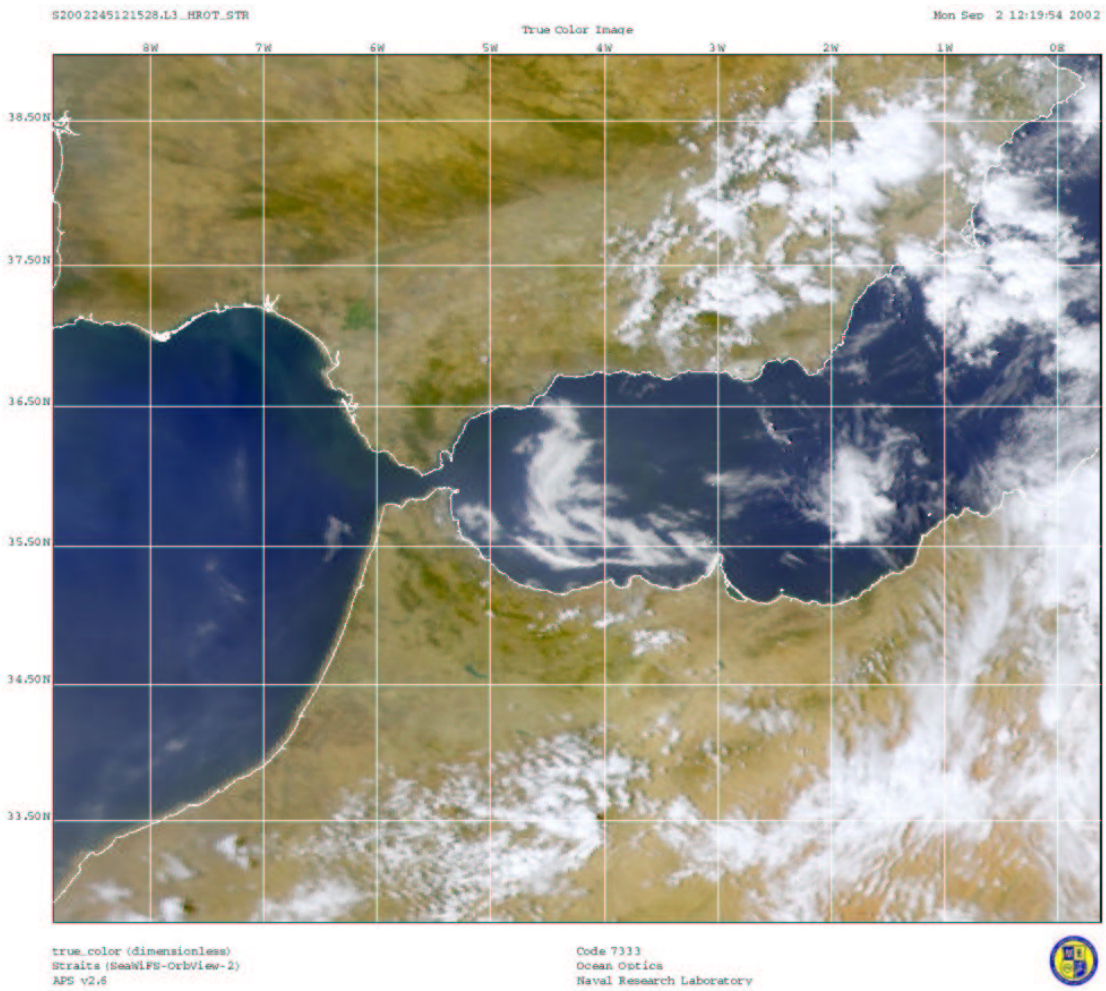
This SouthernRedSea image map uses the Mercator projection. The longitude of central meridian is set to 41000000 ° E. The latitude of true scale is 16000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The SouthernRedSea image map is 1024 pixels wide and 1024 pixels high. The point 36 ° E and 21 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1024,1)	1037273 meters	1014 meters
(1,512)	(1024,512)	1066808 meters	1043 meters
(1,1024)	(1024,1024)	1089466 meters	1065 meters
Vertical Lines			
(1,1)	(1,1024)	1072397 meters	1048 meters
(512,1)	(512,1024)	1072397 meters	1048 meters
(1024,1)	(1024,1024)	1072397 meters	1048 meters

1.48. Straits



This image map covers Straits

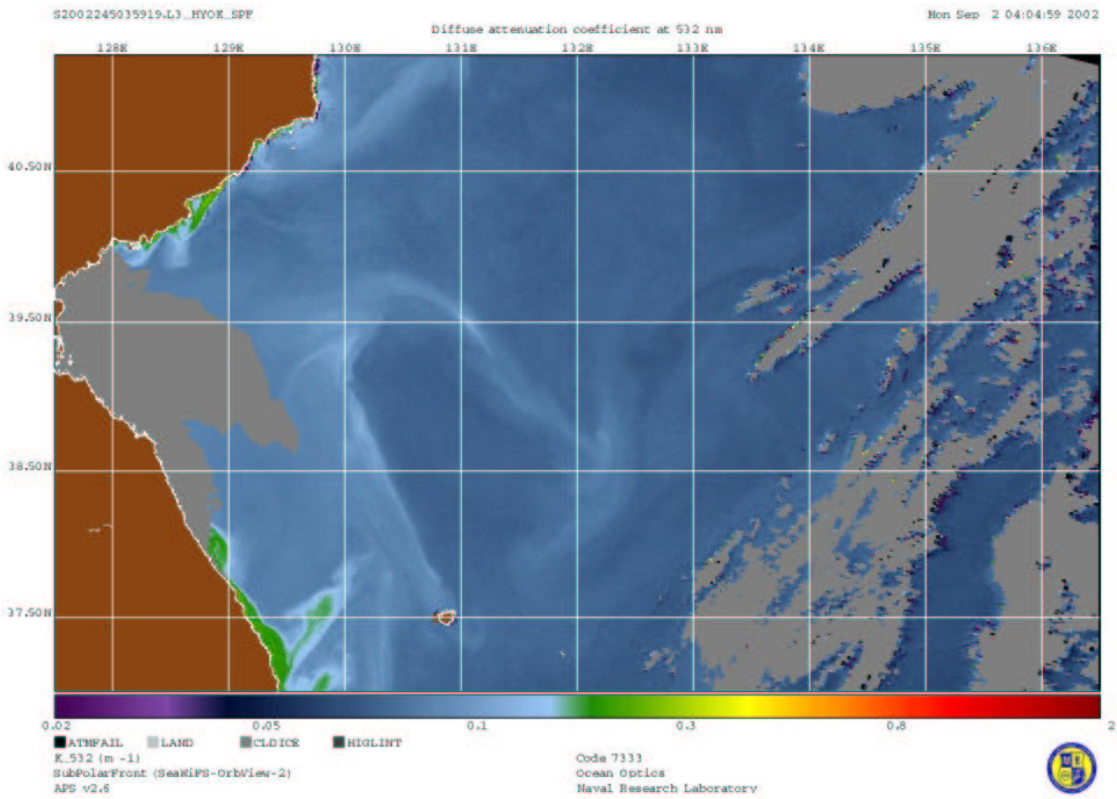
This Straits image map uses the Mercator projection. The longitude of central meridian is set to 4014006 ° W. The latitude of true scale is 35050042 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Straits image map is 926 pixels wide and 766 pixels high. The point 8.85 ° W and 38.95 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(926,1)	797328 meters	862 meters
(1,383)	(926,383)	830422 meters	898 meters
(1,766)	(926,766)	862453 meters	932 meters
Vertical Lines			
(1,1)	(1,766)	689954 meters	902 meters
(463,1)	(463,766)	689954 meters	902 meters
(926,1)	(926,766)	689954 meters	902 meters

1.49. SubPolarFront



This image map covers SubPolarFront

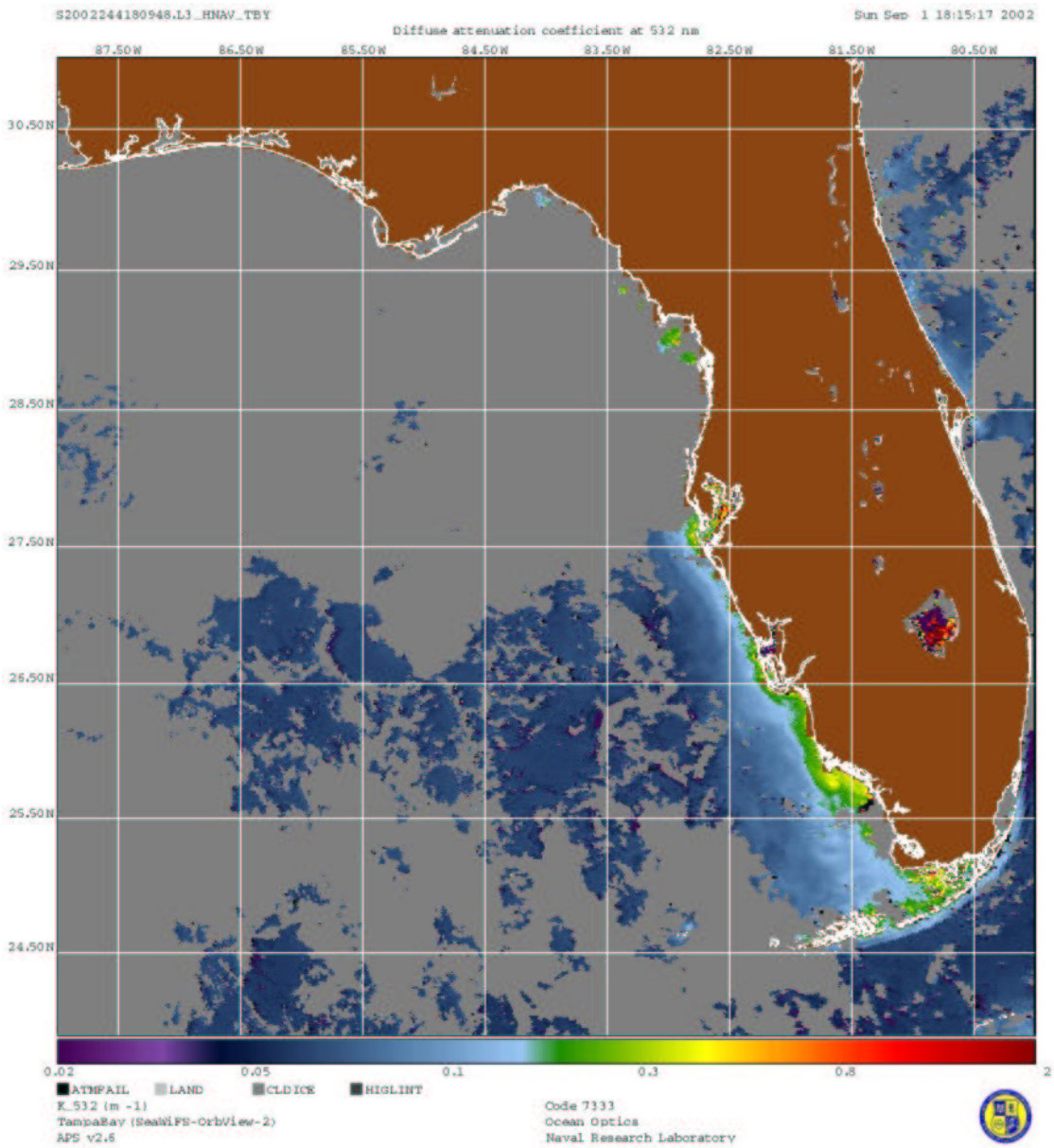
This SubPolarFront image map uses the Mercator projection. The longitude of central meridian is set to 132000000 ° E. The latitude of true scale is 39007030 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The SubPolarFront image map is 900 pixels wide and 548 pixels high. The point 127.50 ° E and 41.25 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(900,1)	751598 meters	836 meters
(1,274)	(900,274)	775224 meters	862 meters
(1,548)	(900,548)	798581 meters	888 meters
Vertical Lines			
(1,1)	(1,548)	473785 meters	866 meters
(450,1)	(450,548)	473785 meters	866 meters
(900,1)	(900,548)	473785 meters	866 meters

1.50. TampaBay



This image map covers TampaBay

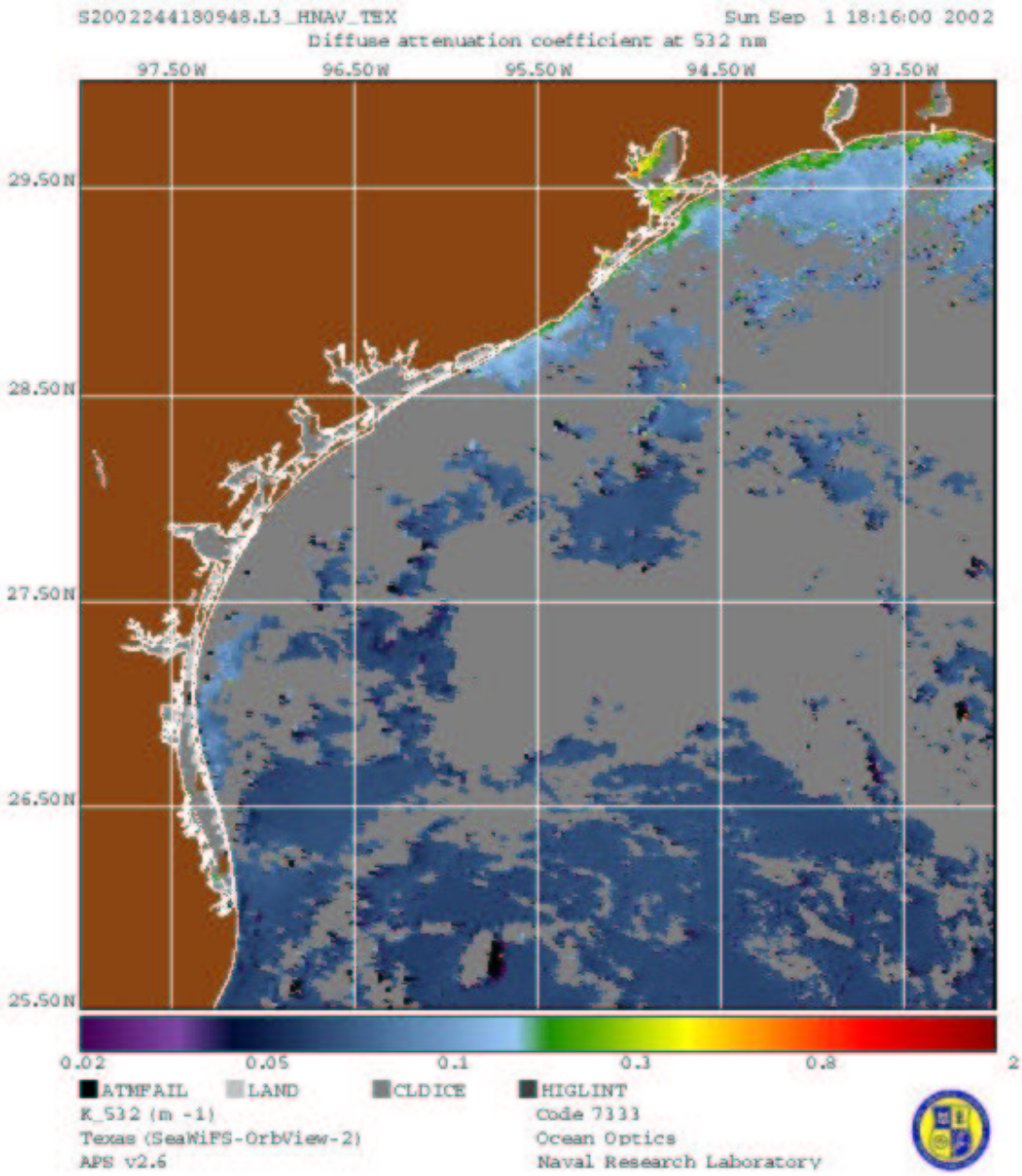
This TampaBay image map uses the Mercator projection. The longitude of central meridian is set to 84000000 ° W. The latitude of true scale is 27030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The TampaBay image map is 800 pixels wide and 800 pixels high. The point 88 ° W and 31 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(800,1)	761858 meters	954 meters
(1,400)	(800,400)	788436 meters	987 meters
(1,800)	(800,800)	812858 meters	1017 meters
Vertical Lines			
(1,1)	(1,800)	792415 meters	992 meters
(400,1)	(400,800)	792415 meters	992 meters
(800,1)	(800,800)	792415 meters	992 meters

1.51. Texas



This image map covers Texas

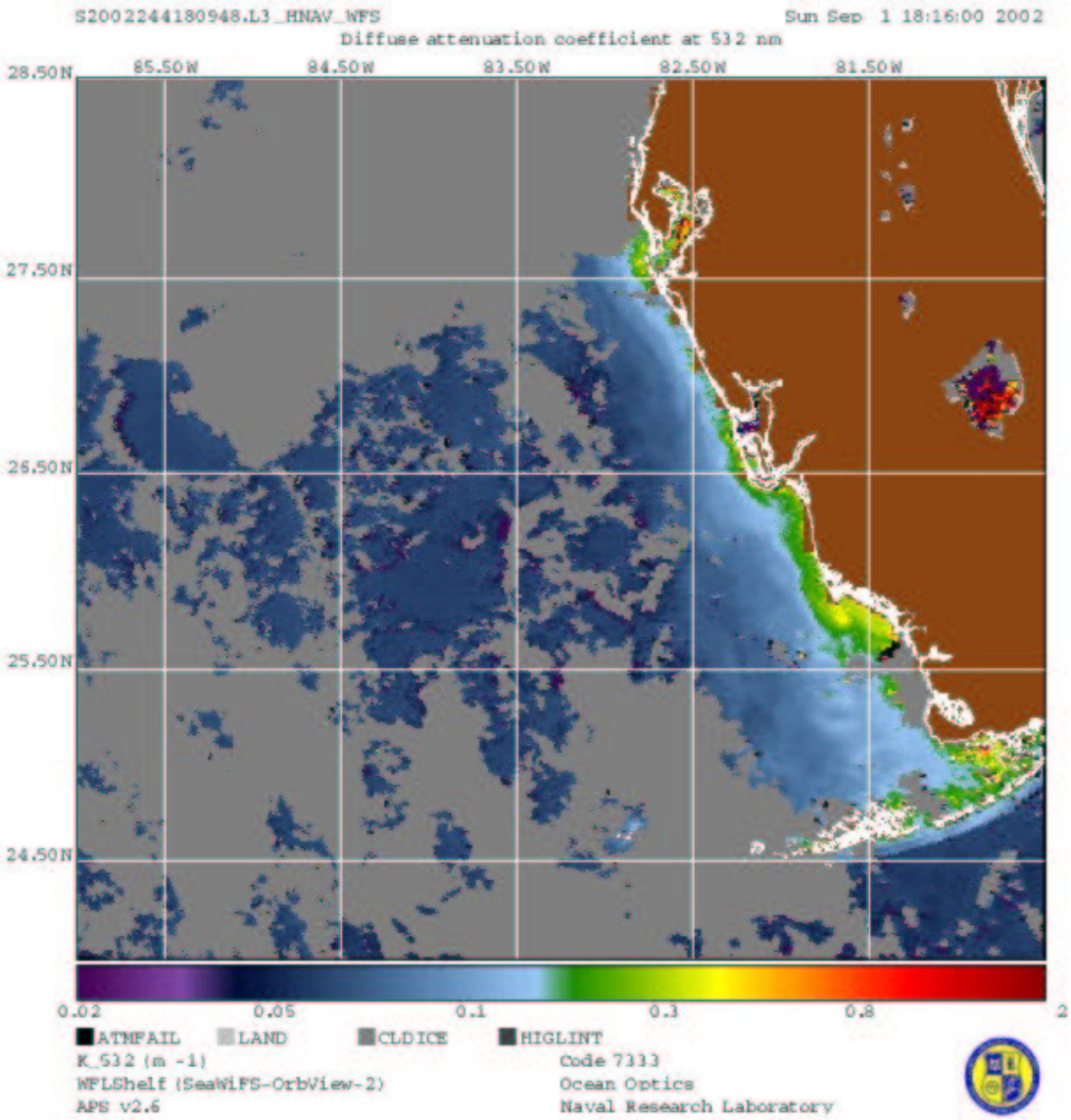
This Texas image map uses the Mercator projection. The longitude of central meridian is set to 95030000 ° W. The latitude of true scale is 27045000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The Texas image map is 500 pixels wide and 507 pixels high. The point 98 ° W and 30 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(500,1)	481148 meters	964 meters
(1,253)	(500,253)	491561 meters	985 meters
(1,507)	(500,507)	501508 meters	1005 meters
Vertical Lines			
(1,1)	(1,507)	501070 meters	990 meters
(250,1)	(250,507)	501070 meters	990 meters
(500,1)	(500,507)	501070 meters	990 meters

1.52. WFLShelf



This image map covers WFLShelf

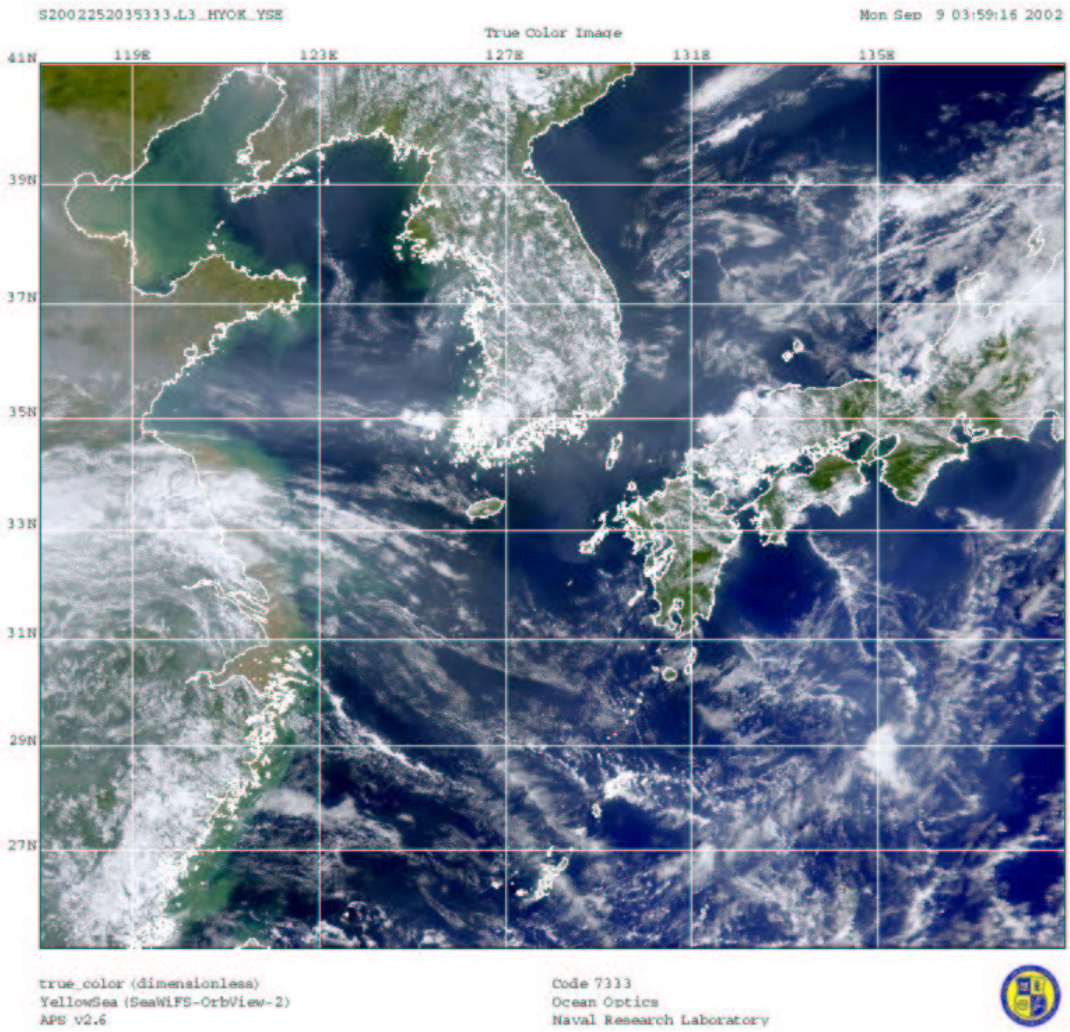
This WFLShelf image map uses the Mercator projection. The longitude of central meridian is set to 83015000 ° W. The latitude of true scale is 26015000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The WFLShelf image map is 550 pixels wide and 501 pixels high. The point 86 ° W and 28.50 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(550,1)	537076 meters	978 meters
(1,250)	(550,250)	548006 meters	998 meters
(1,501)	(550,501)	558380 meters	1017 meters
Vertical Lines			
(1,1)	(1,501)	501778 meters	1004 meters
(275,1)	(275,501)	501778 meters	1004 meters
(550,1)	(550,501)	501778 meters	1004 meters

1.53. YellowSea



This image map covers YellowSea

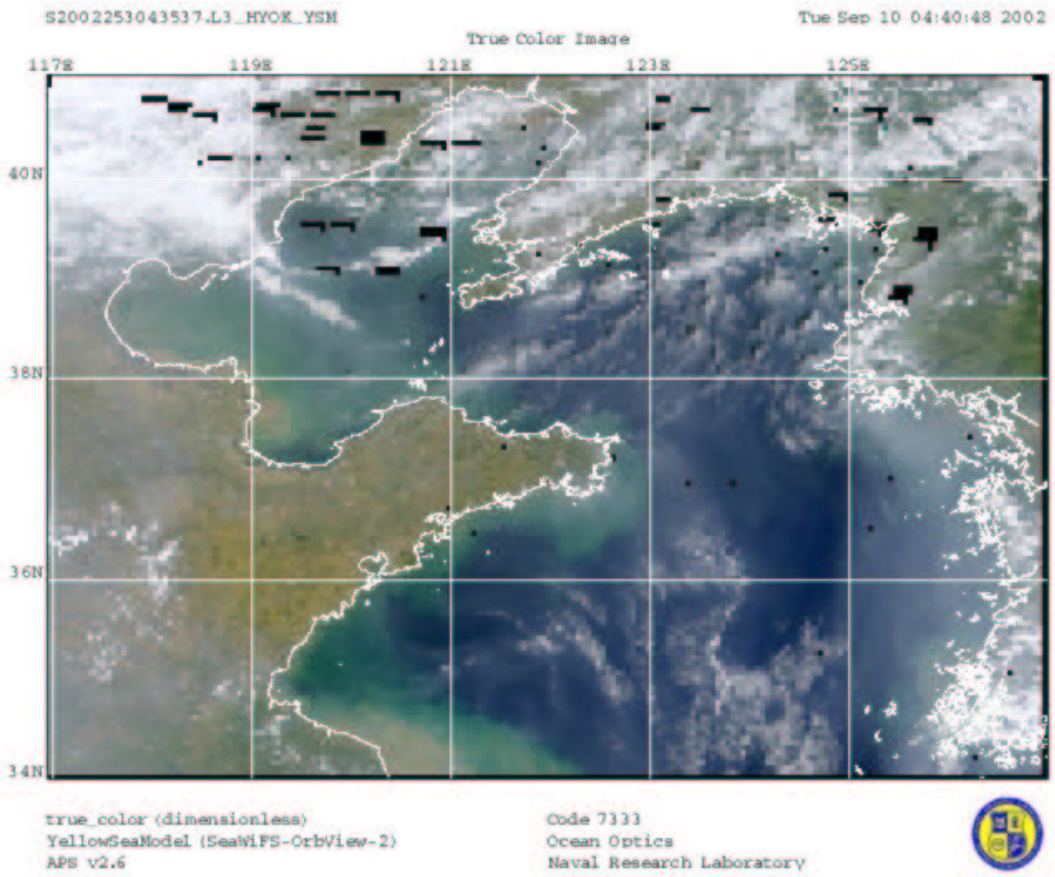
This YellowSea image map uses the Mercator projection. The longitude of central meridian is set to 128000000 ° E. The latitude of true scale is 31030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The YellowSea image map is 2200 pixels wide and 1900 pixels high. The point 117 ° E and 41 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(2200,1)	1840162 meters	837 meters
(1,950)	(2200,950)	2036732 meters	926 meters
(1,1900)	(2200,1900)	2211494 meters	1006 meters
Vertical Lines			
(1,1)	(1,1900)	1767370 meters	931 meters
(1100,1)	(1100,1900)	1767370 meters	931 meters
(2200,1)	(2200,1900)	1767370 meters	931 meters

1.54. YellowSeaModel



This image map covers YellowSeaModel

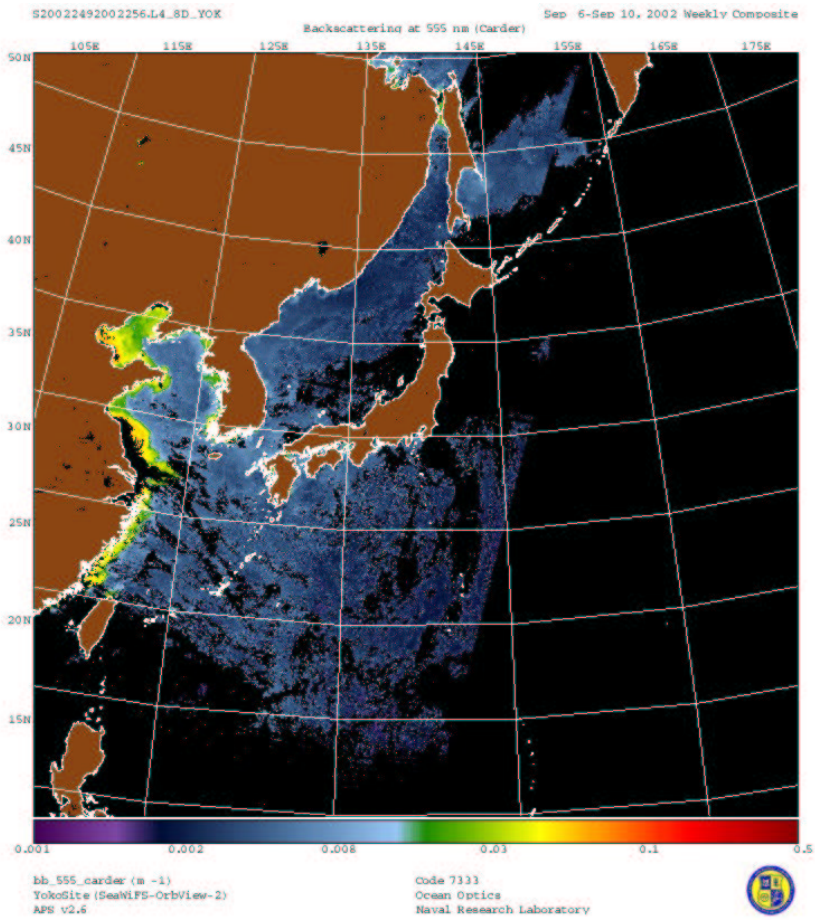
This YellowSeaModel image map uses the Equirectangular projection.

The YellowSeaModel image map is 201 pixels wide and 141 pixels high. The point 117 ° E and 41 ° N is tied to the upper left corner (1,1) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(201,1)	838213 meters	4191 meters
(1,70)	(201,70)	880608 meters	4403 meters
(1,141)	(201,141)	920903 meters	4605 meters
Vertical Lines			
(1,1)	(1,141)	777876 meters	5556 meters
(100,1)	(100,141)	777876 meters	5556 meters
(201,1)	(201,141)	777876 meters	5556 meters

1.55. YokoSite



This image map covers YokoSite

This YokoSite image map uses the Stereographic projection.

The YokoSite image map is 4096 pixels wide and 4096 pixels high. The point 139.39 ° E and 35.18 ° N is tied to the center (2048,2048) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(4096,1)	4345806 meters	1061 meters
(1,2048)	(4096,2048)	4484817 meters	1095 meters
(1,4096)	(4096,4096)	4345674 meters	1061 meters
Vertical Lines			
(1,1)	(1,4096)	4345806 meters	1061 meters
(2048,1)	(2048,4096)	4484817 meters	1095 meters
(4096,1)	(4096,4096)	4345674 meters	1061 meters

1.56. OmanGulf

This image map covers OmanGulf

This OmanGulf image map uses the Alber Equal Area projection. The standard parallel are at 22 ° N and 25 ° N. The longitude of central meridian is 59 ° E and the latitude of projection origin is 23.50 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 59000000 ° E. The latitude of true scale is 23030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The OmanGulf image map is 204 pixels wide and 400 pixels high. The point 59 ° E and 23.80 ° N is tied to the center (102,200) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(204,1)	202659 meters	998 meters
(1,200)	(204,200)	202809 meters	999 meters
(1,400)	(204,400)	202757 meters	999 meters
Vertical Lines			
(1,1)	(1,400)	400676 meters	1004 meters
(102,1)	(102,400)	400676 meters	1004 meters
(204,1)	(204,400)	400676 meters	1004 meters

1.57. OmanGulf4

This image map covers OmanGulf

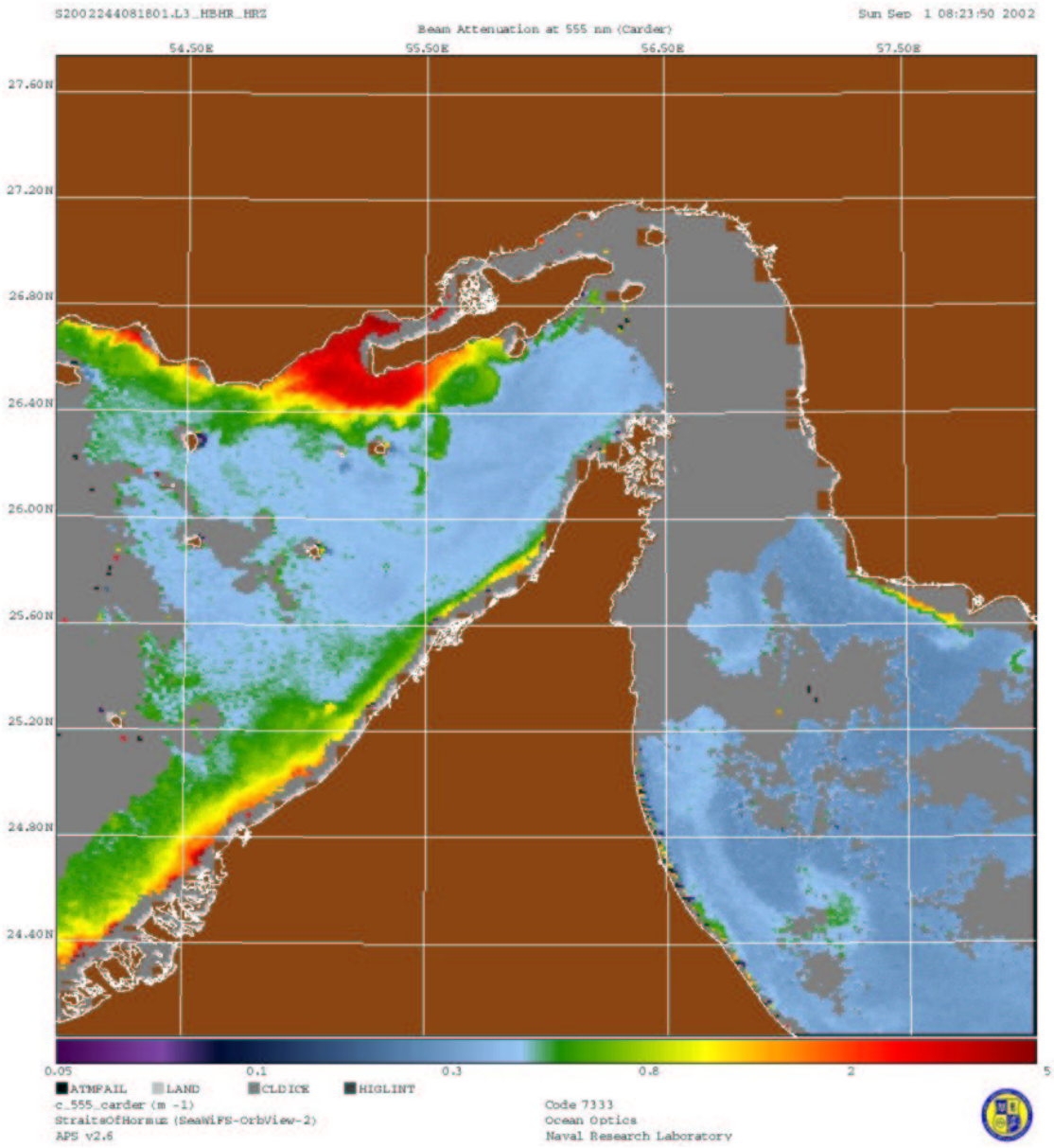
This OmanGulf4 image map uses the Alber Equal Area projection. The standard parallel are at 22 ° N and 25 ° N. The longitude of central meridian is 59 ° E and the latitude of projection origin is 23.50 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 59000000 ° E. The latitude of true scale is 23030000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The OmanGulf4 image map is 816 pixels wide and 1600 pixels high. The point 59 ° E and 23.80 ° N is tied to the center (408,800) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(816,1)	203407 meters	250 meters
(1,800)	(816,800)	203558 meters	250 meters
(1,1600)	(816,1600)	203506 meters	250 meters
Vertical Lines			
(1,1)	(1,1600)	401429 meters	251 meters
(408,1)	(408,1600)	401429 meters	251 meters
(816,1)	(816,1600)	401429 meters	251 meters

1.58. StraitsOfHormuz



This image map covers StraitsOfHormuz

This StraitsOfHormuz image map uses the Alber Equal Area projection. The standard parallel are at 28 ° N and 24 ° N. The longitude of central meridian is 56 ° E and the latitude of projection origin is 26 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 56000000 ° E. The latitude of true scale is 26000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The StraitsOfHormuz image map is 408 pixels wide and 408 pixels high. The point 56 ° E and 25.90 ° N is tied to the center (204,204) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(408,1)	407260 meters	1001 meters
(1,204)	(408,204)	407478 meters	1001 meters
(1,408)	(408,408)	407278 meters	1001 meters
Vertical Lines			
(1,1)	(1,408)	409276 meters	1006 meters
(204,1)	(204,408)	409275 meters	1006 meters
(408,1)	(408,408)	409276 meters	1006 meters

1.59. StraitsOfHormuz4

This image map covers StraitsOfHormuz

This StraitsOfHormuz4 image map uses the Alber Equal Area projection. The standard parallel are at 28 ° N and 24 ° N. The longitude of central meridian is 56 ° E and the latitude of projection origin is 26 ° N. Neither the False Easting or Northing are set. The longitude of central meridian is set to 56000000 ° E. The latitude of true scale is 26000000 ° N. Neither the False Easting or Northing are set. The WGS 84 datum was used.

The StraitsOfHormuz4 image map is 1632 pixels wide and 1632 pixels high. The point 56 ° E and 25.90 ° N is tied to the center (816,816) of the image.

The following distances are given:

start pixel	stop pixel	total distance	average/pixel
Horizontal Lines			
(1,1)	(1632,1)	408009 meters	250 meters
(1,816)	(1632,816)	408229 meters	250 meters
(1,1632)	(1632,1632)	408028 meters	250 meters
Vertical Lines			
(1,1)	(1,1632)	410030 meters	251 meters
(816,1)	(816,1632)	410029 meters	251 meters
(1632,1)	(1632,1632)	410030 meters	251 meters