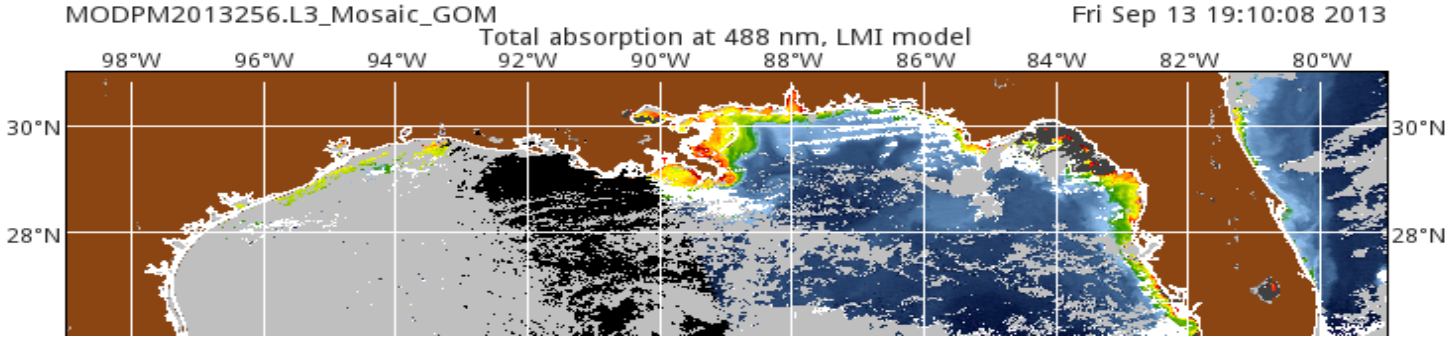
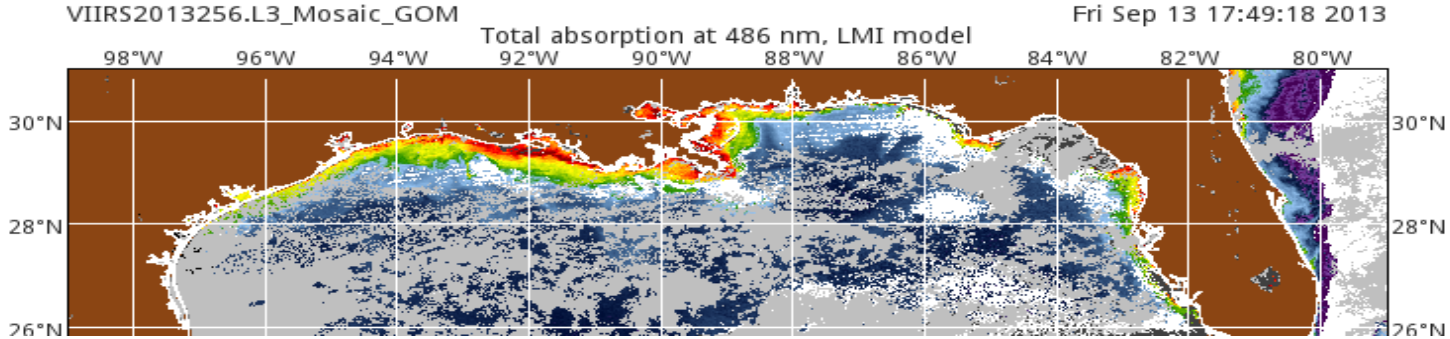
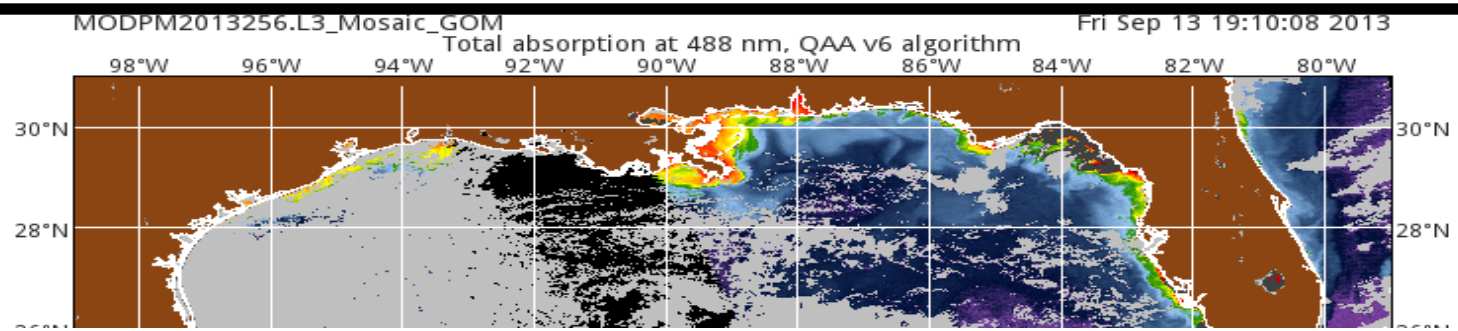
a
488
486

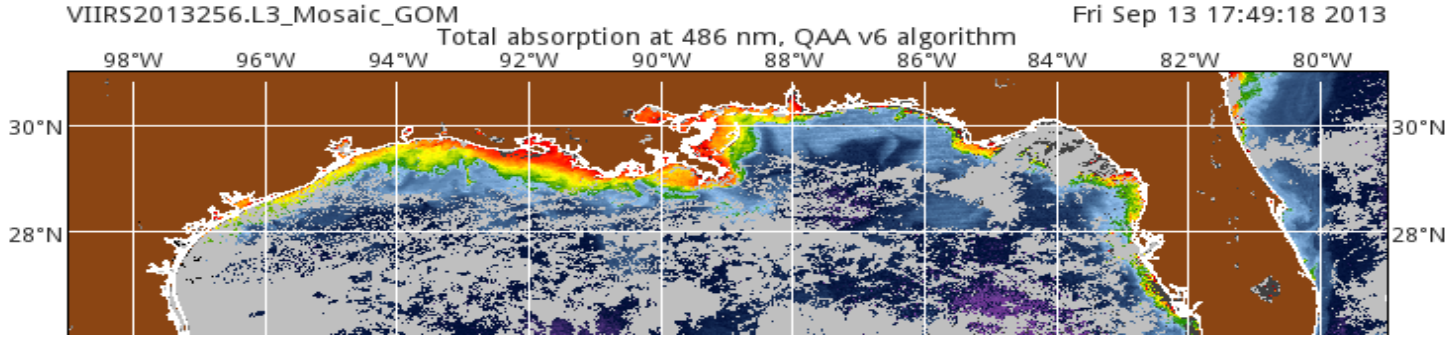
LMI





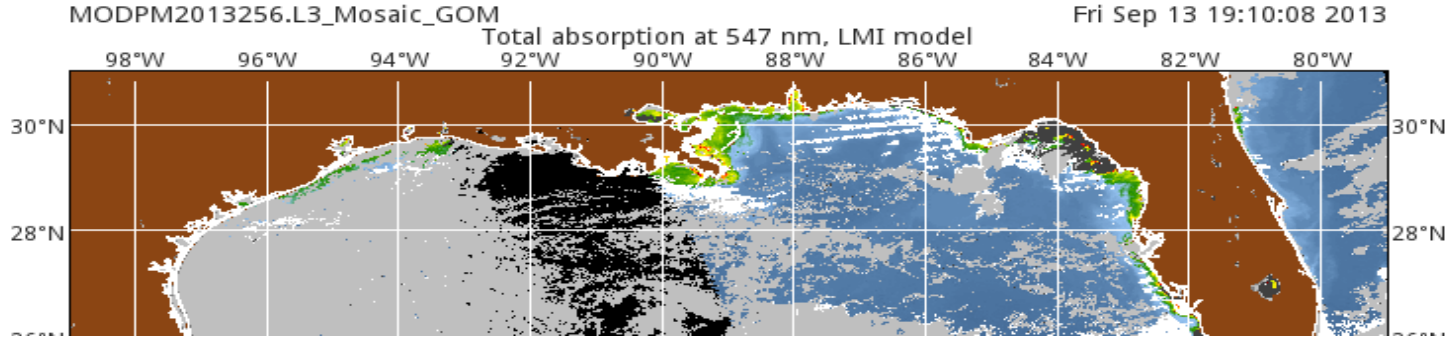
QAA

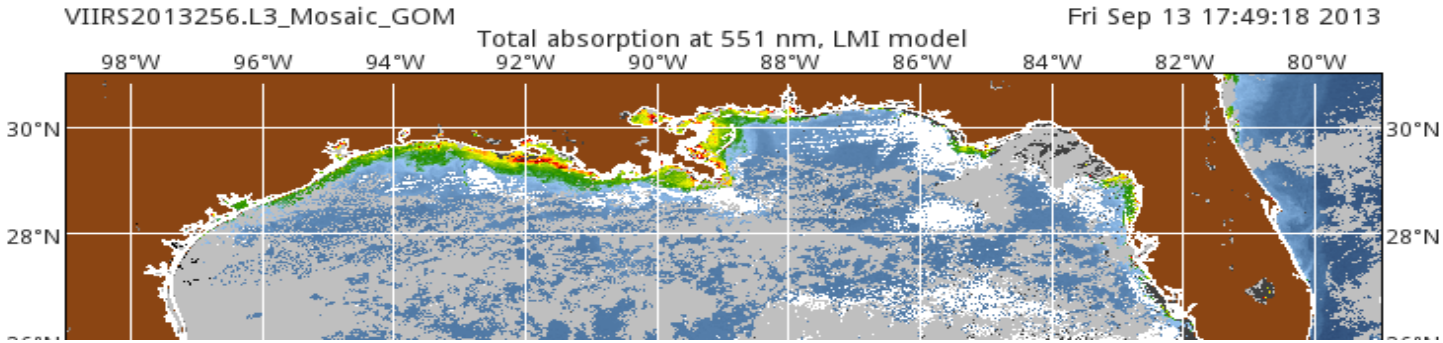




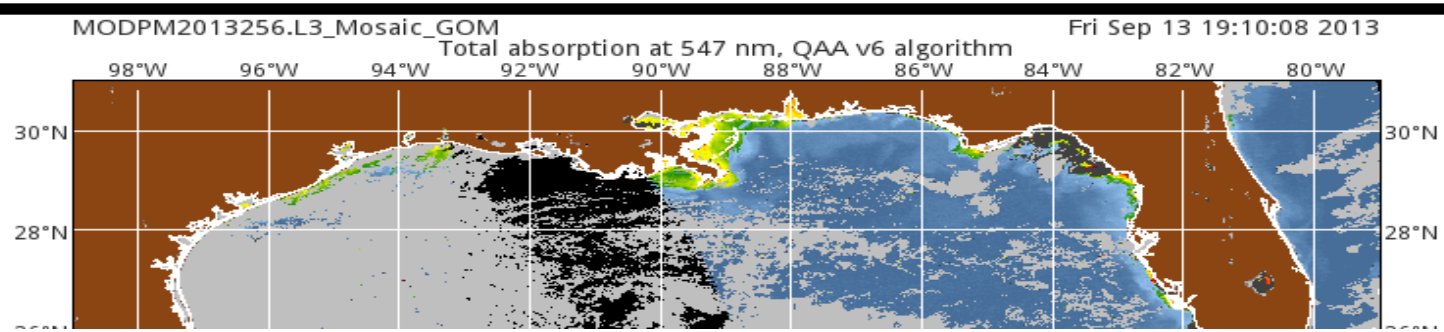
a
547
551

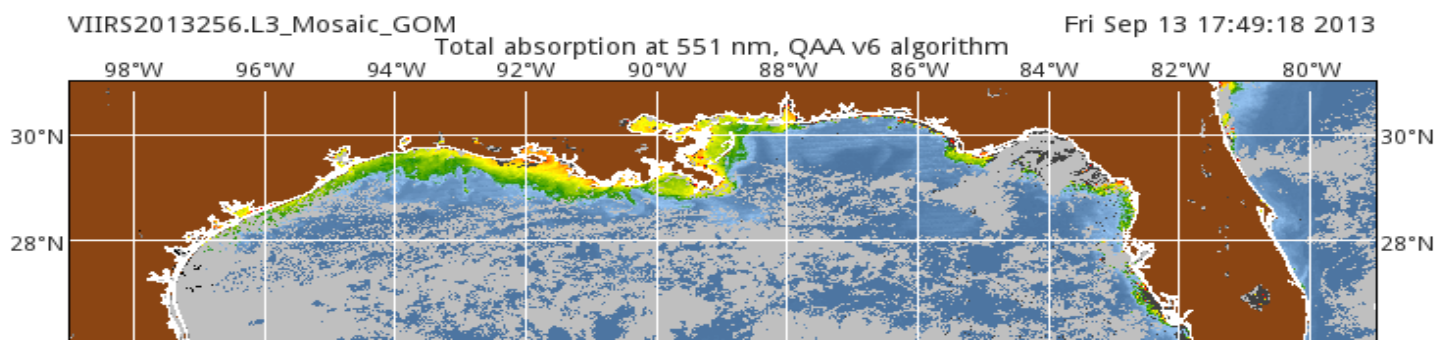
LMI





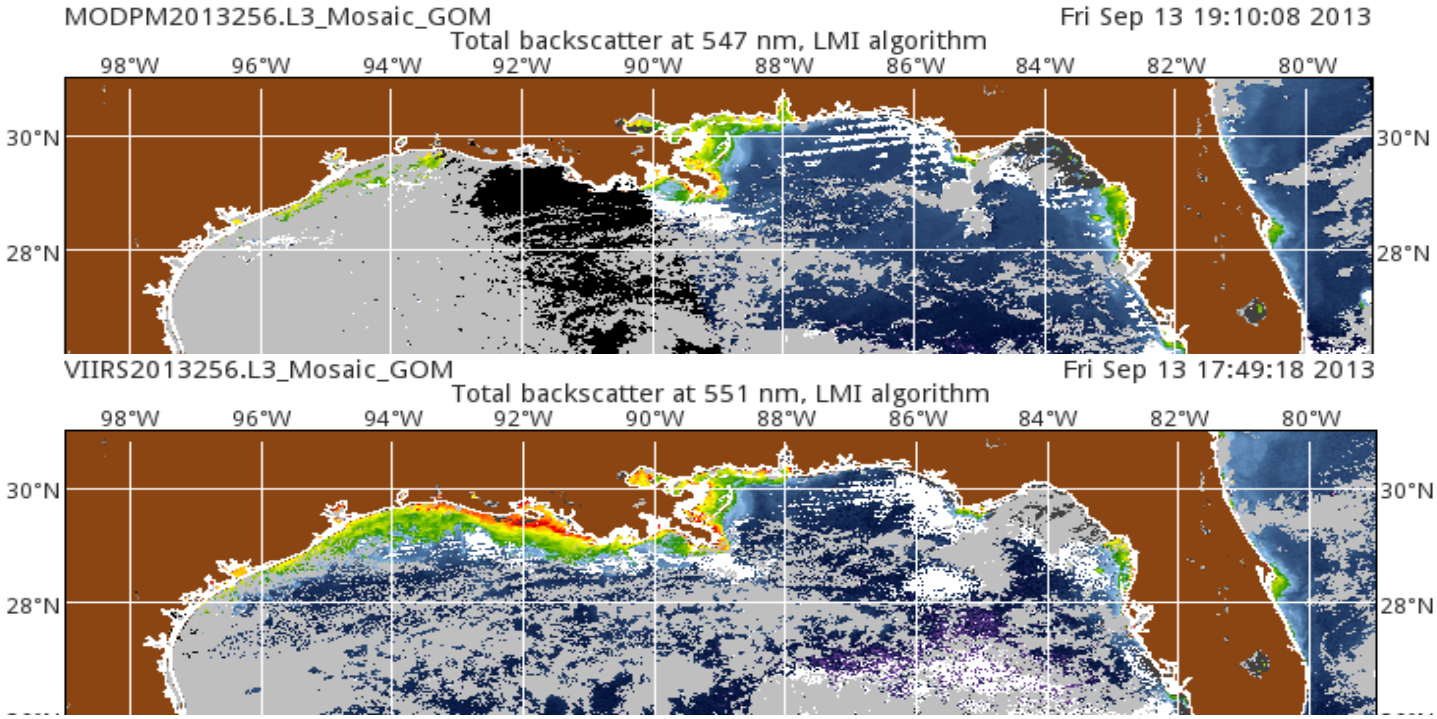
QAA



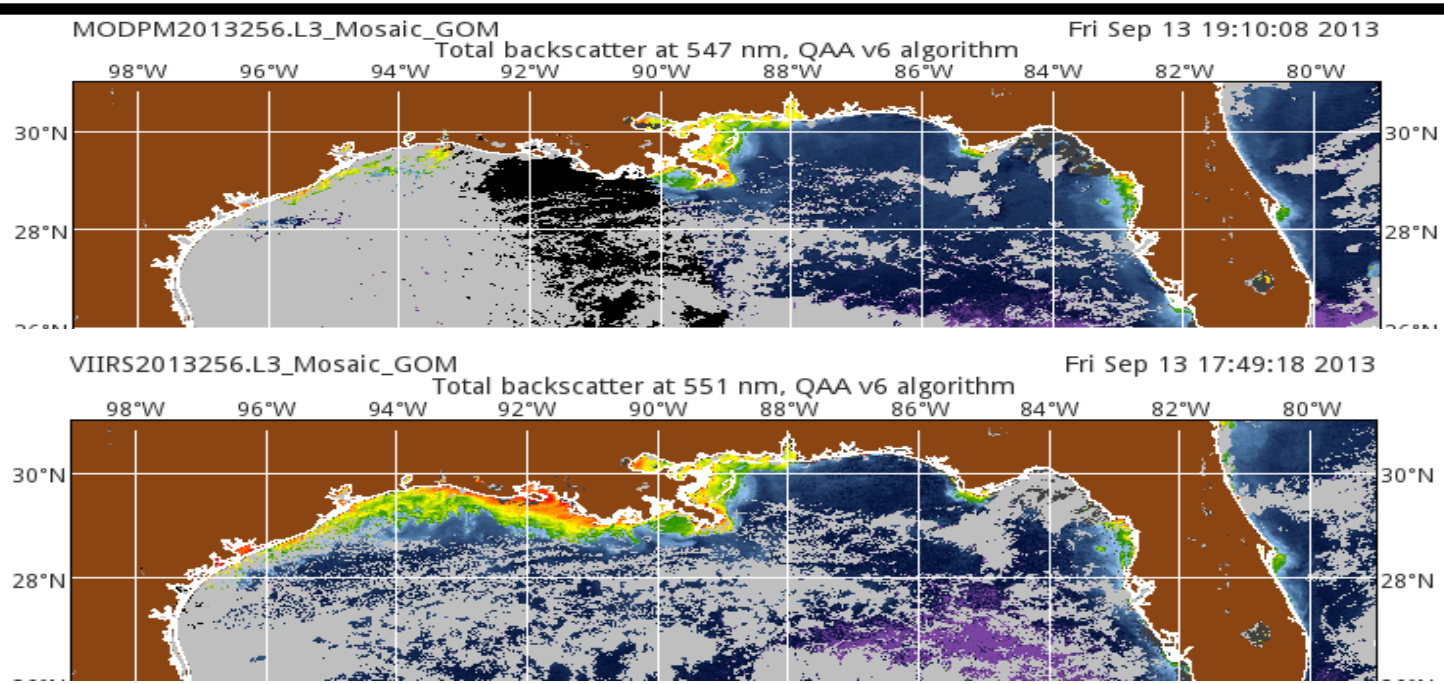


bb
547
551

LMI

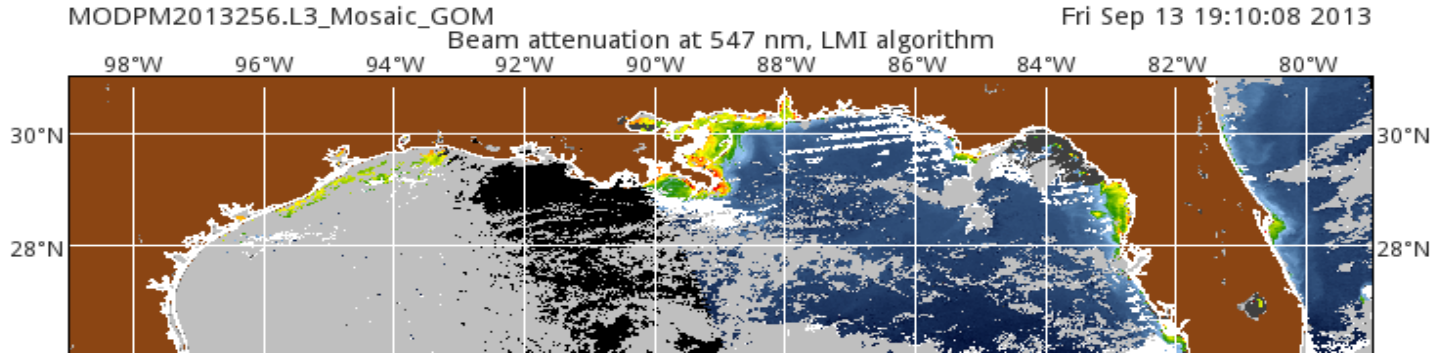


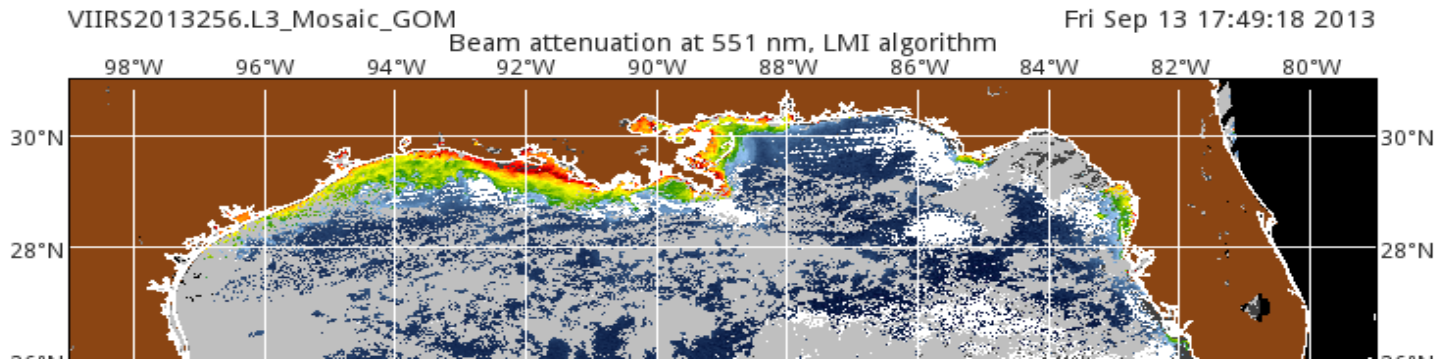
QAA



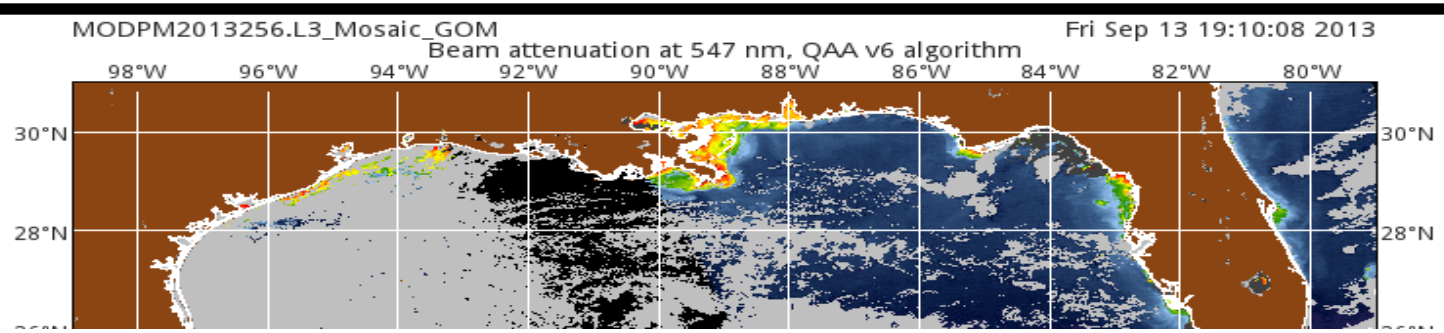
c
547
551

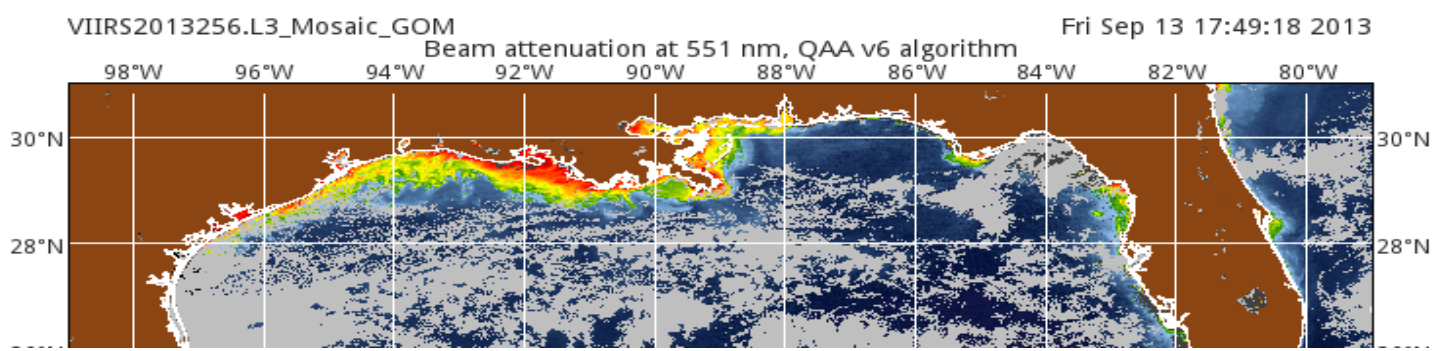
LMI



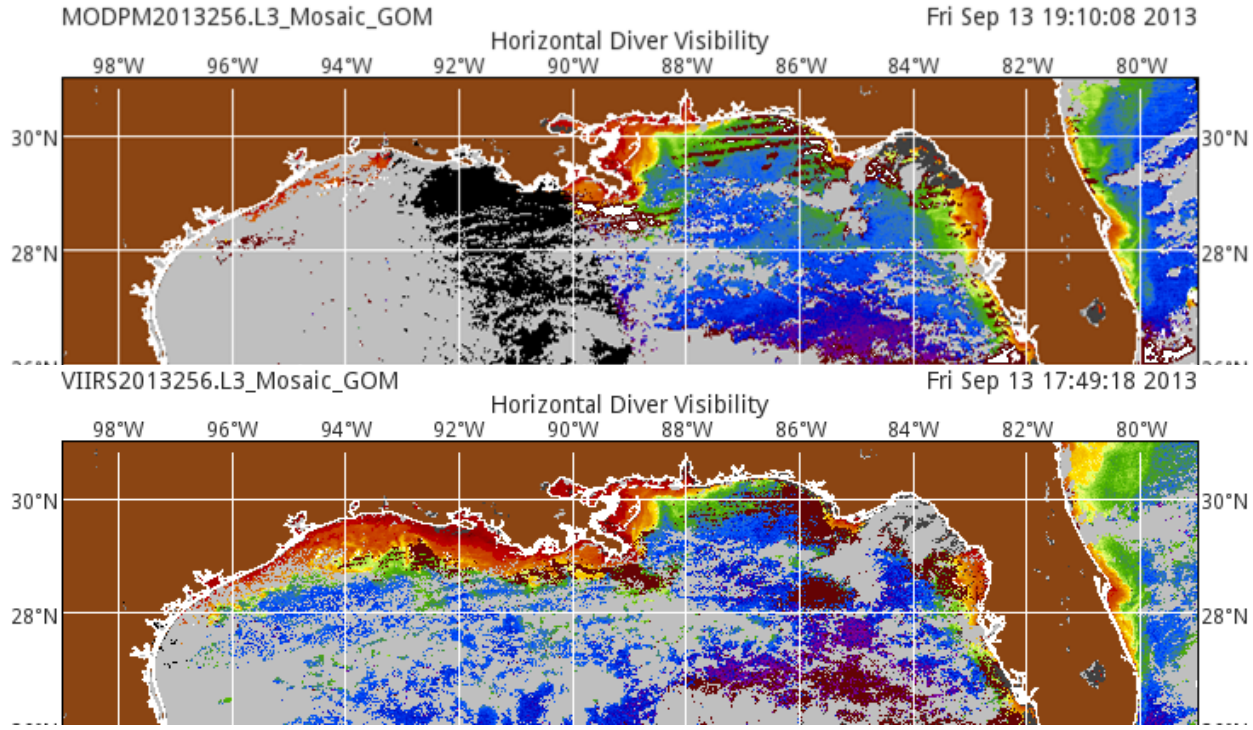


QAA



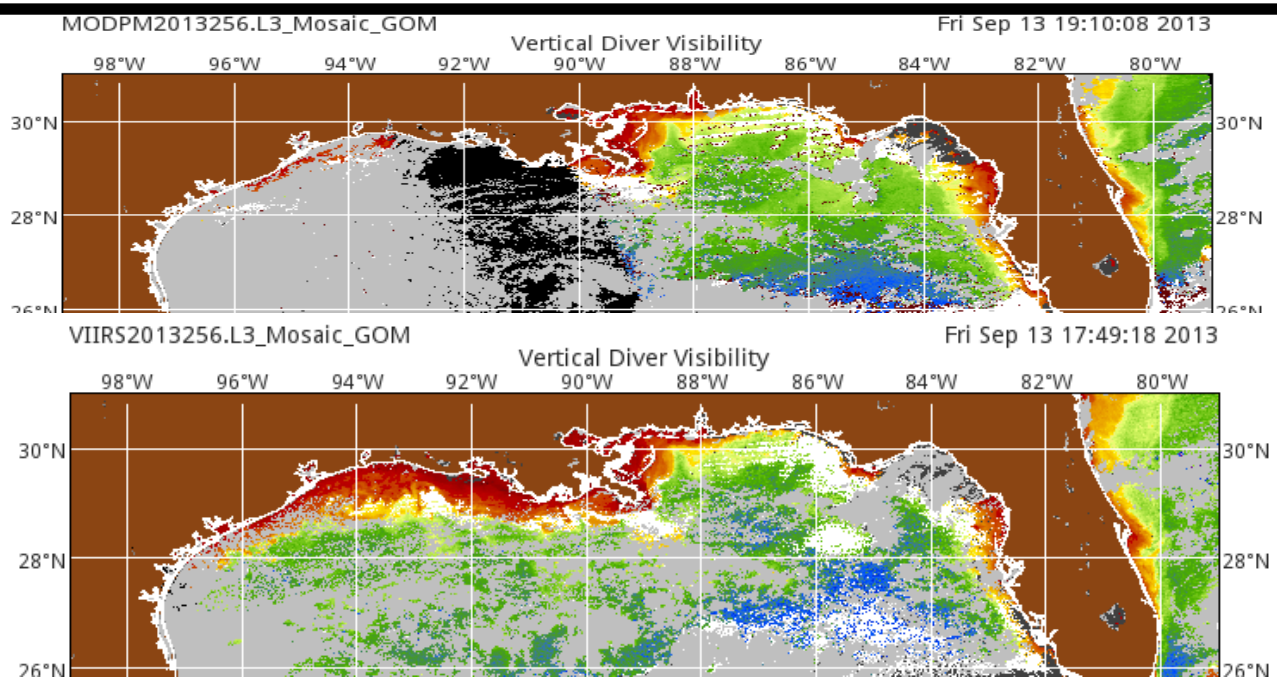


Maroon Colors Are LMI Failures Need To Make First Color In Color Table visibility.lut black



HORIZ VIS

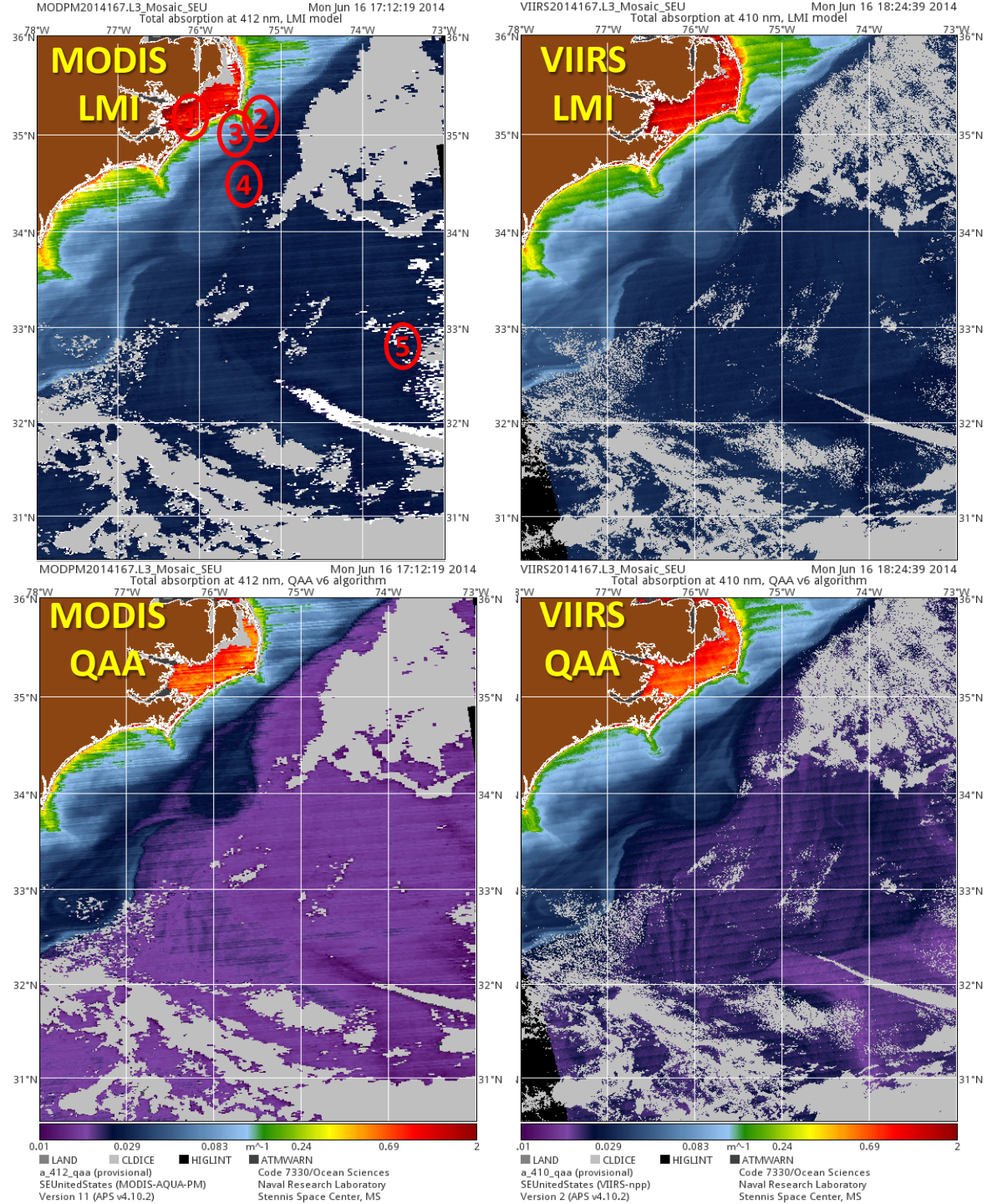
Shift 531nm Kd(LMI)



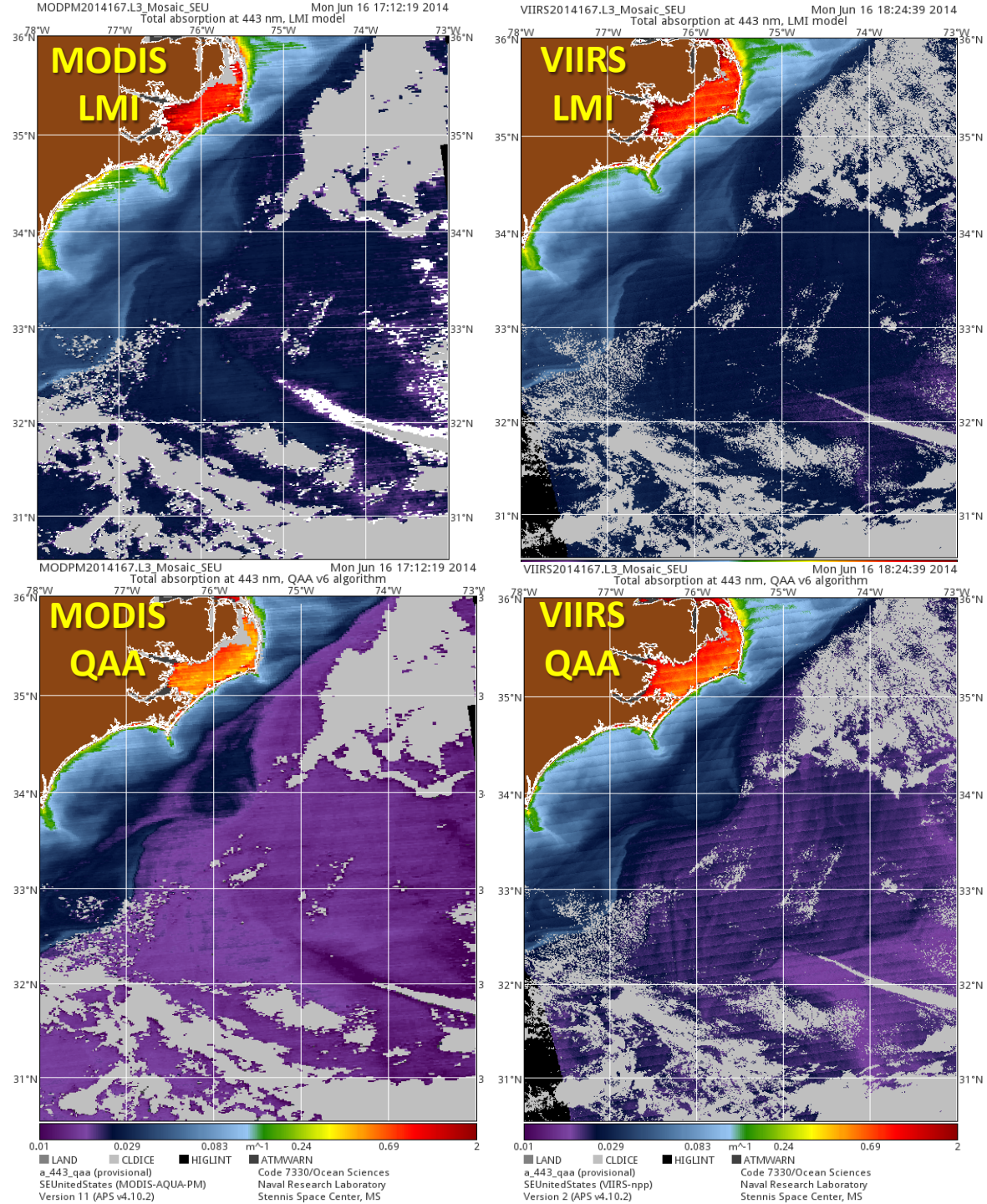
VERT VIS

Shift 531nm Kd(LMI)

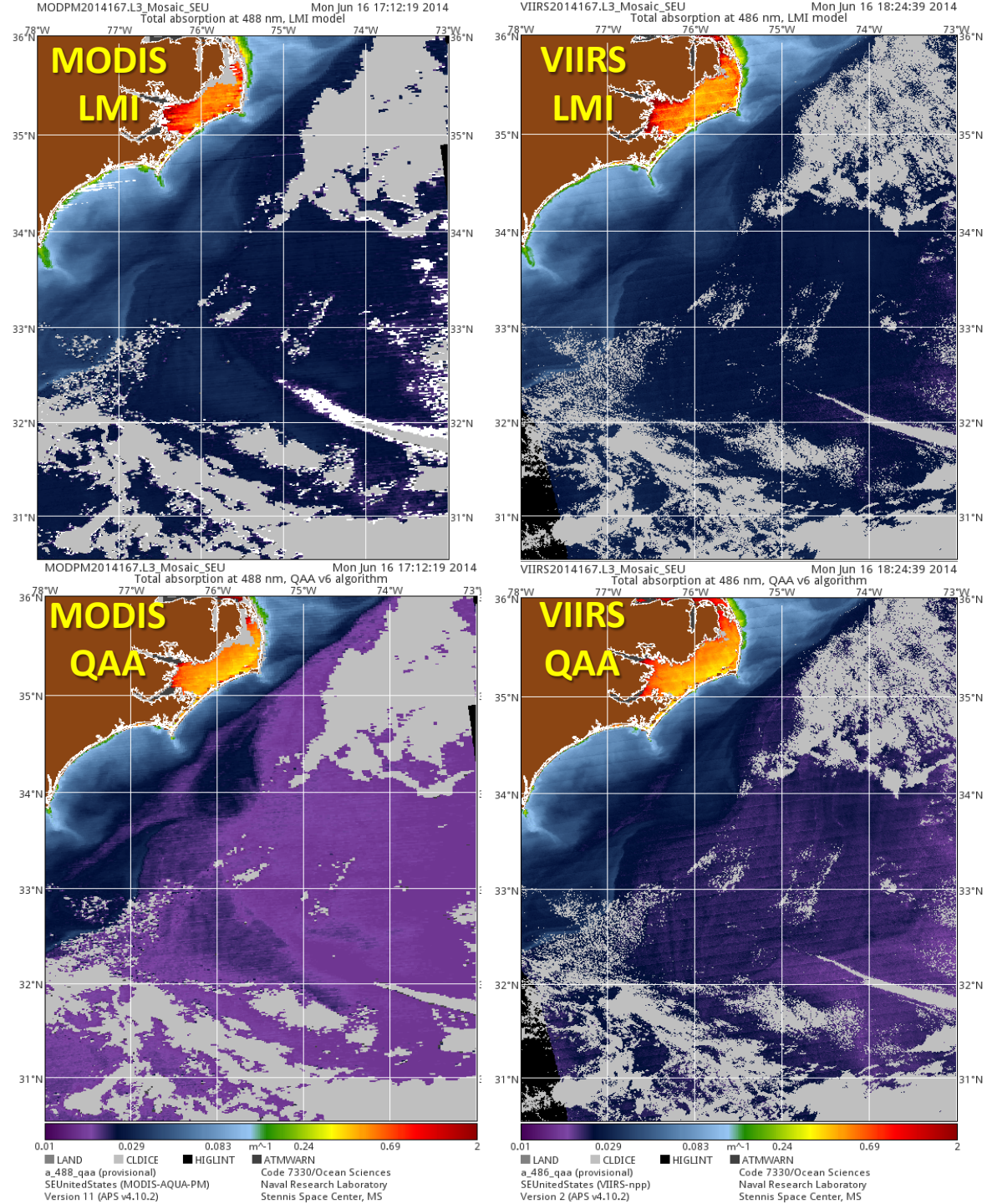
a 412/410nm


MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 412 nm, LMI model
MODIS
LMI
1
2
3
4
5
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 410 nm, LMI model
VIIRS
LMI
MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 412 nm, QAA v6 algorithm
MODIS
QAA
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 410 nm, QAA v6 algorithm
VIIRS
QAA
78°W
77°W
76°W
75°W
74°W
73°W
36°N
35°N
34°N
33°N
32°N
31°N
0.01
0.029
0.083
m^-1
0.24
0.69
2
LAND
CLDICE
HIGLINT
ATMWARN
a_412_qaa (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS
a_410_qaa (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

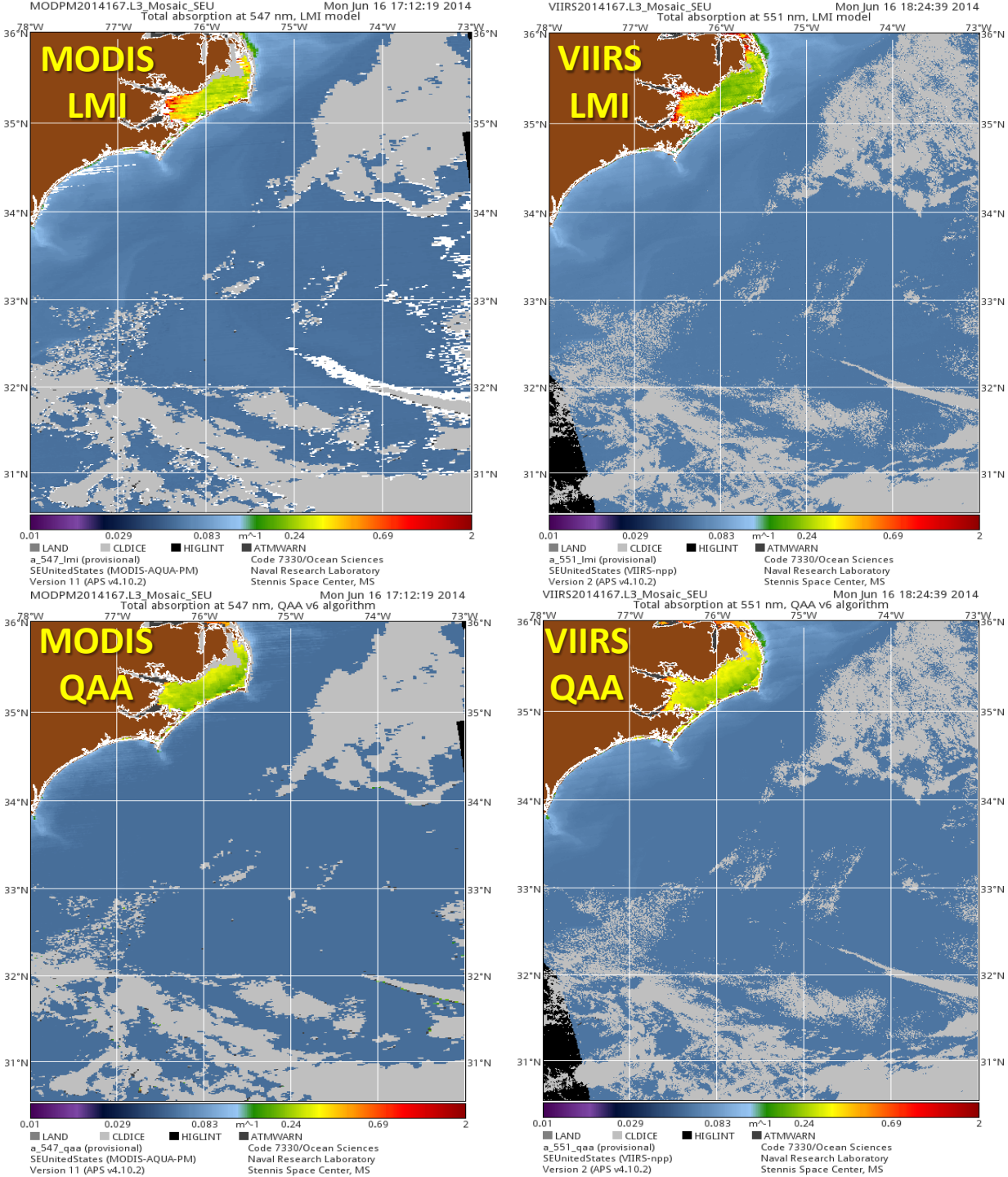
a 443/443nm


MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 443 nm, LMI model
MODIS
LMI
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 443 nm, LMI model
VIIRS
LMI
MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 443 nm, QAA v6 algorithm
MODIS
QAA
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 443 nm, QAA v6 algorithm
VIIRS
QAA
78°W
77°W
76°W
75°W
74°W
73°W
36°N
35°N
34°N
33°N
32°N
31°N
0.01
0.029
0.083
m^-1
0.24
0.69
2
LAND
CLDICE
HIGLINT
ATMWARN
a_443_qaa (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS
a_443_qaa (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

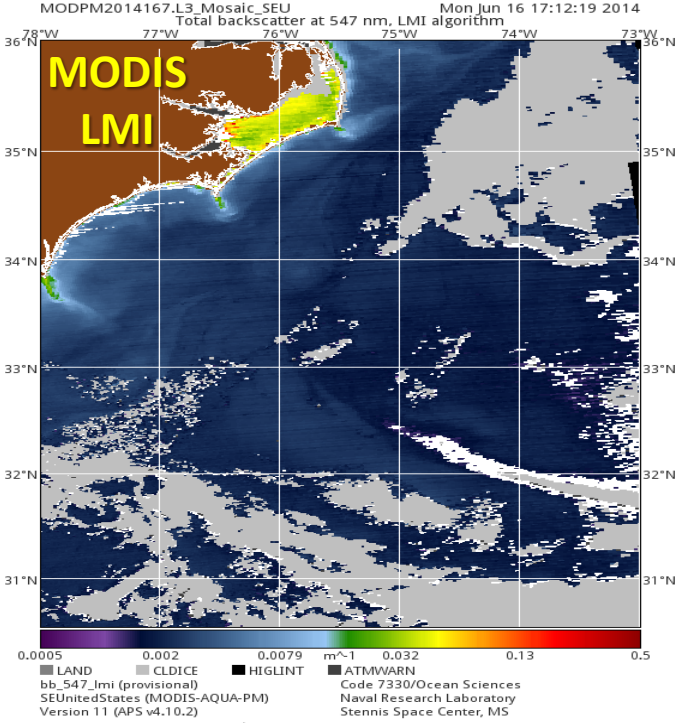
a 488/486nm

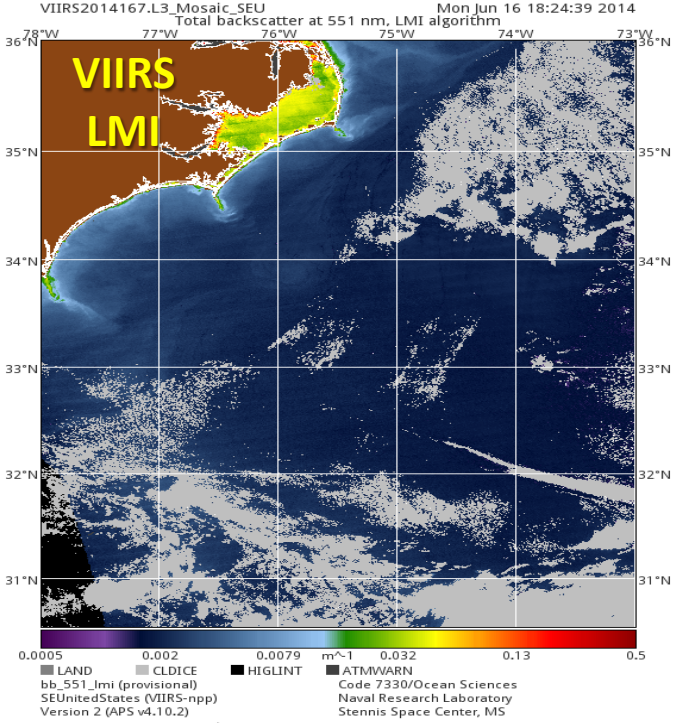

MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 488 nm, LMI model
MODIS LMI
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 486 nm, LMI model
VIIRS LMI
MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 488 nm, QAA v6 algorithm
MODIS QAA
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 486 nm, QAA v6 algorithm
VIIRS QAA
78°W 77°W 76°W 75°W 74°W 73°W
36°N 35°N 34°N 33°N 32°N 31°N
0.01 0.029 0.083 m^-1 0.24 0.69 2
LAND CLDICE HIGLINT ATMWARN
a_488_qaa (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS
a_486_qaa (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

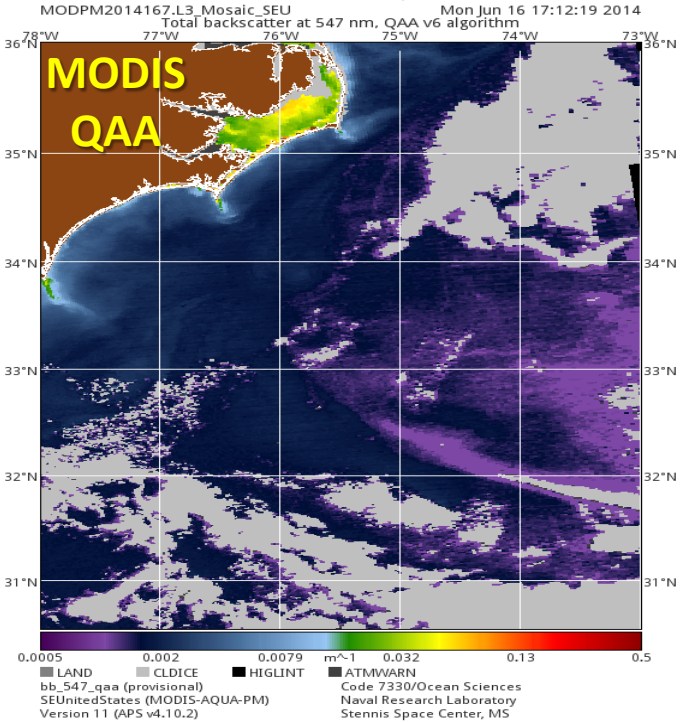
a 547/551nm

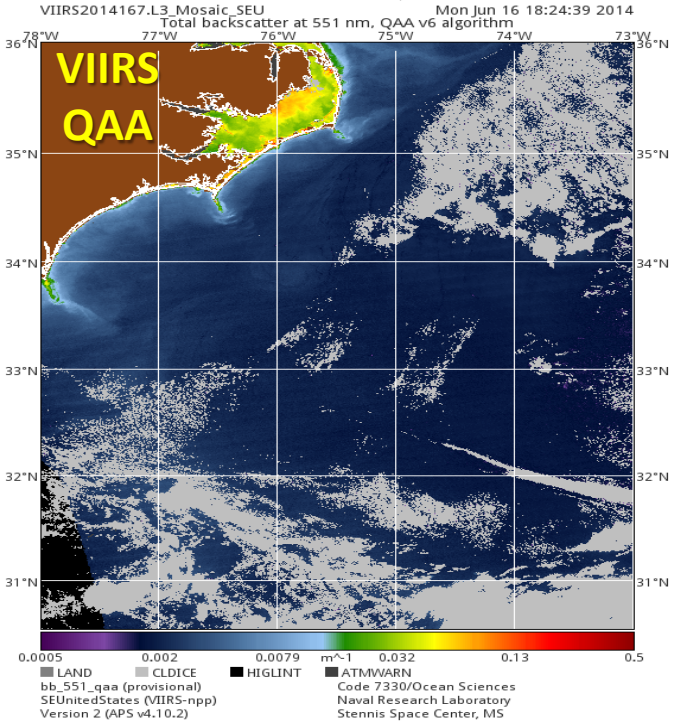

MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 547 nm, LMI model
MODIS LMI
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 551 nm, LMI model
VIIRS LMI
MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total absorption at 547 nm, QAA v6 algorithm
MODIS QAA
VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total absorption at 551 nm, QAA v6 algorithm
VIIRS QAA
78°W 77°W 76°W 75°W 74°W 73°W
36°N 35°N 34°N 33°N 32°N 31°N
0.01 0.029 0.083 m^-1 0.24 0.69 2
LAND CLDICE HIGLINT ATMWARN
a_547_lmi (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS
a_551_lmi (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
a_547_qaa (provisional)
a_551_qaa (provisional)

bb 547/551nm

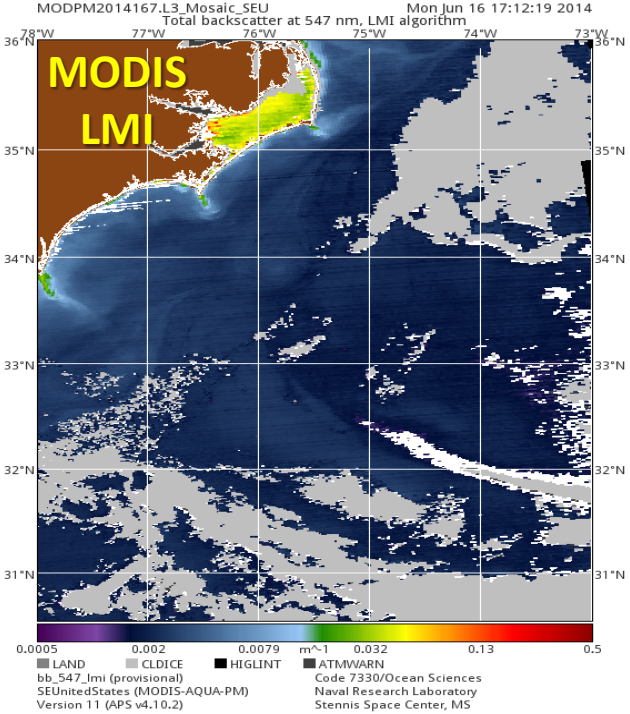

MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total backscatter at 547 nm, LMI algorithm
MODIS
LMI
78°W 77°W 76°W 75°W 74°W 73°W
36°N 35°N 34°N 33°N 32°N 31°N
0.0005 0.002 0.0079 m^-1 0.032 0.13 0.5
LAND CLDICE HIGLINT ATMWARN
bb_547_lmi (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

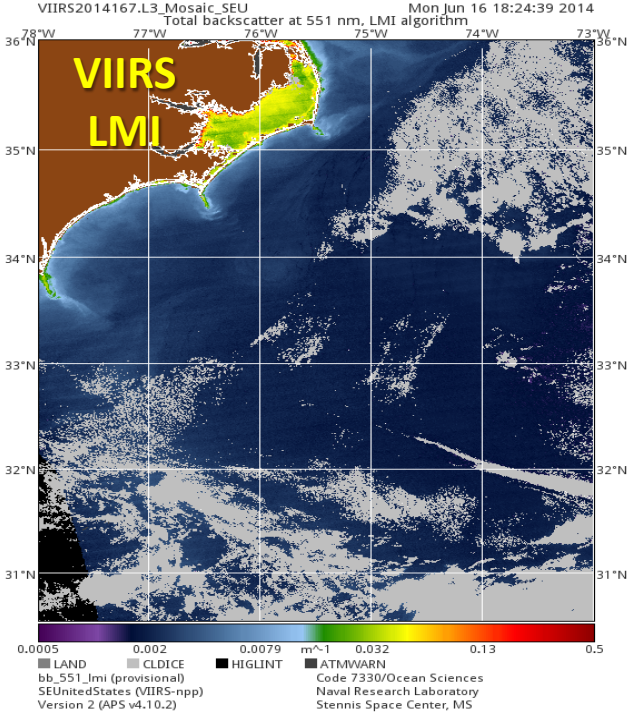

VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total backscatter at 551 nm, LMI algorithm
VIIRS
LMI
78°W 77°W 76°W 75°W 74°W 73°W
36°N 35°N 34°N 33°N 32°N 31°N
0.0005 0.002 0.0079 m^-1 0.032 0.13 0.5
LAND CLDICE HIGLINT ATMWARN
bb_551_lmi (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

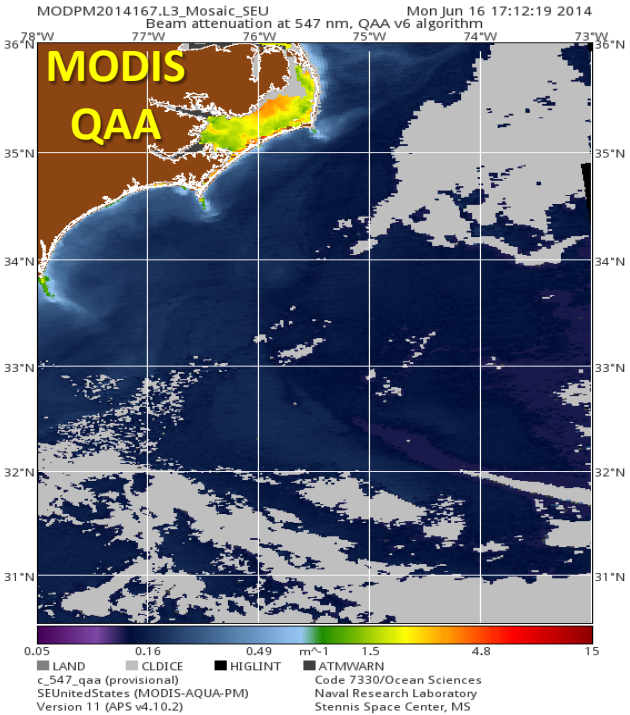

MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total backscatter at 547 nm, QAA v6 algorithm
MODIS
QAA
78°W 77°W 76°W 75°W 74°W 73°W
36°N 35°N 34°N 33°N 32°N 31°N
0.0005 0.002 0.0079 m^-1 0.032 0.13 0.5
LAND CLDICE HIGLINT ATMWARN
bb_547_qaa (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

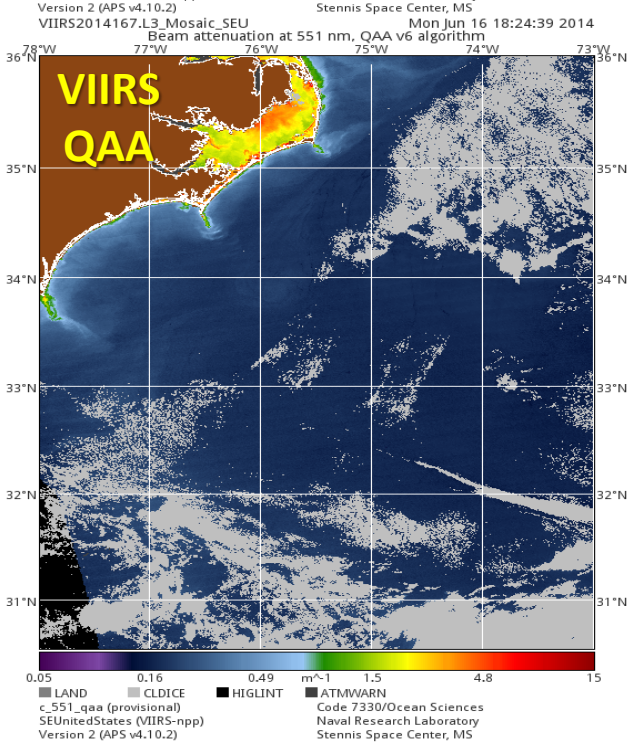

VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total backscatter at 551 nm, QAA v6 algorithm
VIIRS
QAA
78°W 77°W 76°W 75°W 74°W 73°W
36°N 35°N 34°N 33°N 32°N 31°N
0.0005 0.002 0.0079 m^-1 0.032 0.13 0.5
LAND CLDICE HIGLINT ATMWARN
bb_551_qaa (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

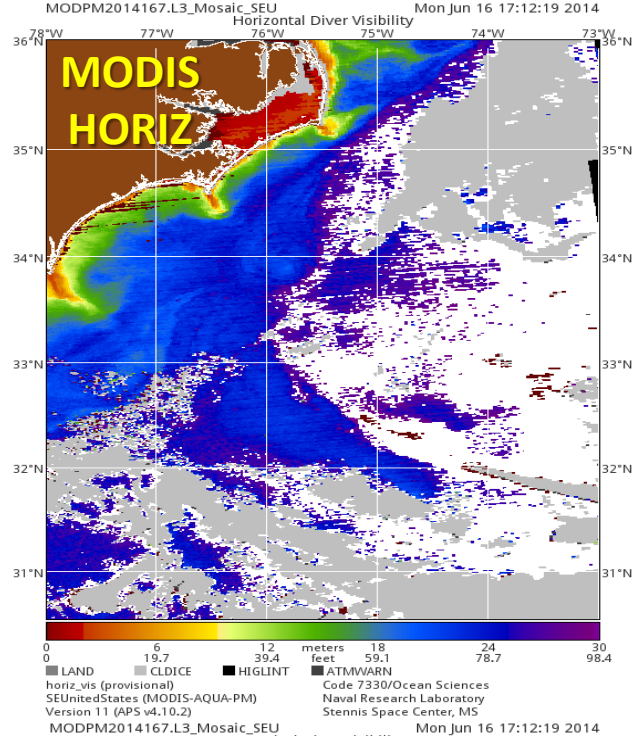
c 547/551nm

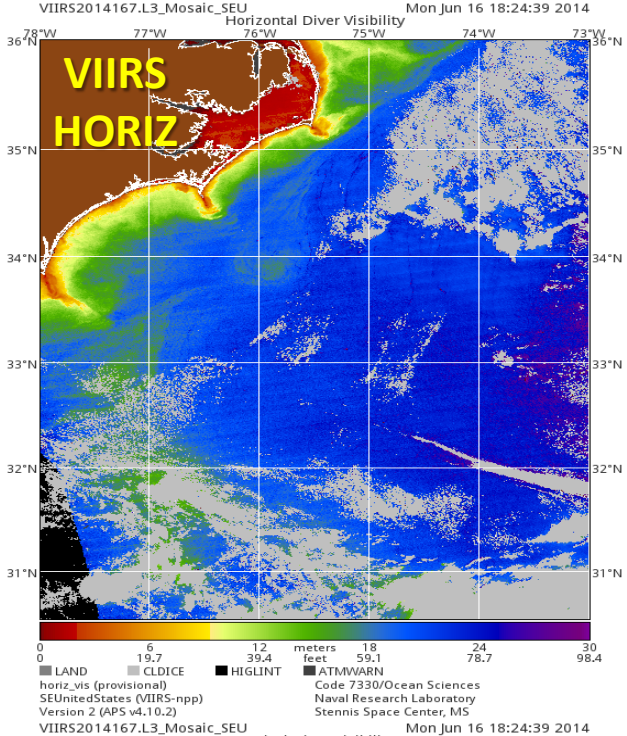

MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Total backscatter at 547 nm, LMI algorithm
MODIS
LMI
0.0005 0.002 0.0079 m^-1 0.032 0.13 0.5
LAND CLDICE HIGLINT ATMWARN
bb_547_lmi (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

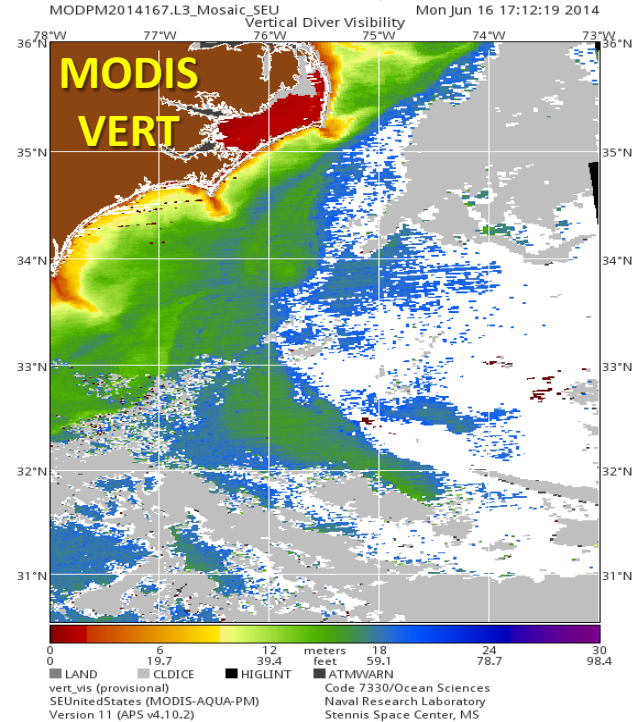

VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Total backscatter at 551 nm, LMI algorithm
VIIRS
LMI
0.0005 0.002 0.0079 m^-1 0.032 0.13 0.5
LAND CLDICE HIGLINT ATMWARN
bb_551_lmi (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS

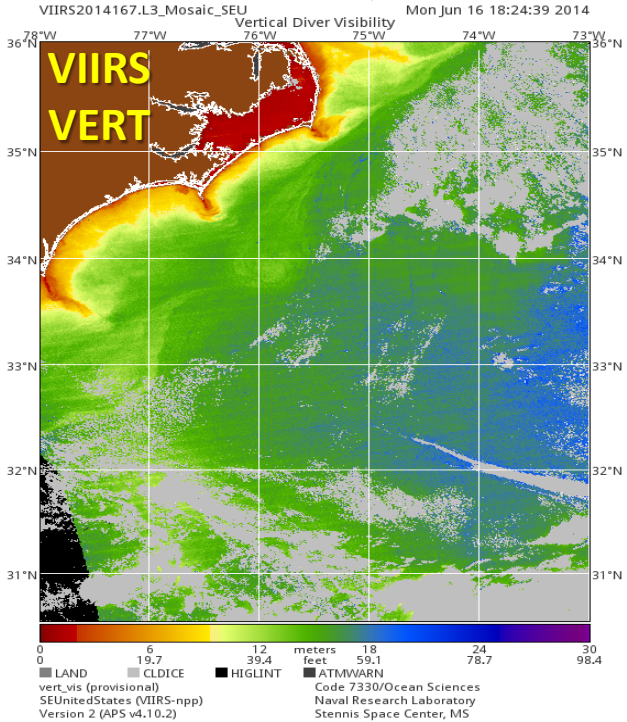

MODPM2014167.L3_Mosaic_SEU
Mon Jun 16 17:12:19 2014
Beam attenuation at 547 nm, QAA v6 algorithm
MODIS
QAA
0.05 0.16 0.49 m^-1 1.5 4.8 15
LAND CLDICE HIGLINT ATMWARN
c_547_qaa (provisional)
SEUnitedStates (MODIS-AQUA-PM)
Version 11 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS


VIIRS2014167.L3_Mosaic_SEU
Mon Jun 16 18:24:39 2014
Beam attenuation at 551 nm, QAA v6 algorithm
VIIRS
QAA
0.05 0.16 0.49 m^-1 1.5 4.8 15
LAND CLDICE HIGLINT ATMWARN
c_551_qaa (provisional)
SEUnitedStates (VIIRS-npp)
Version 2 (APS v4.10.2)
Code 7330/Ocean Sciences
Naval Research Laboratory
Stennis Space Center, MS









Visibility

LMI shifted to 531

Kd computed with LMI products a,bb