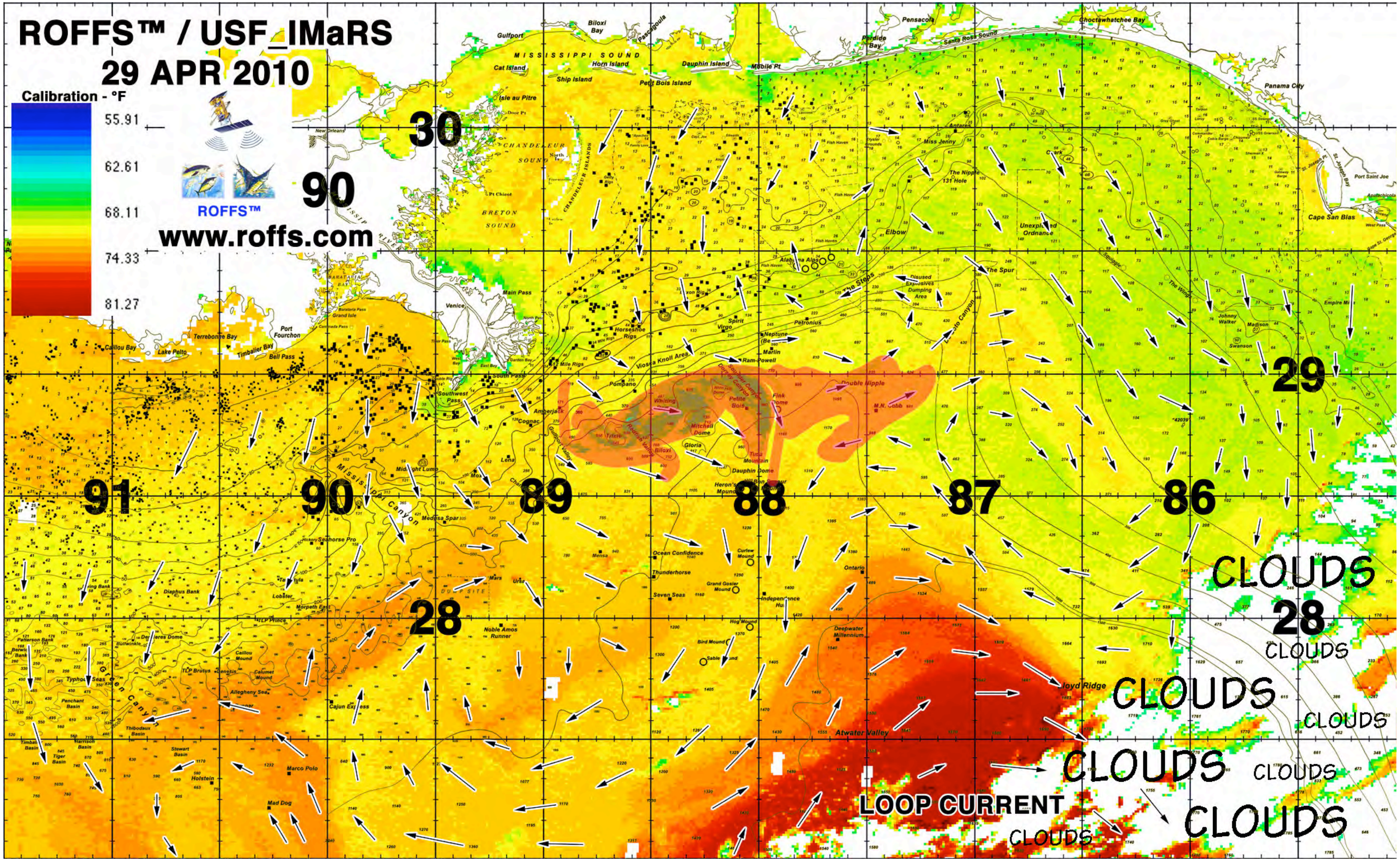
ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC. TOLL FREE 800 677-7633 & (321) 723-5759 // EMAIL: FISH7@ROFFS.COM
ROFFS™ FISHERIES OCEANOGRAPHIC SPECIAL PRESS RELEASE FOR THE NORTHEASTERN GULF OF MEXICO AREA (LAT./LONG.)
UPDATED ON THURSDAY 29 APRIL 2010

As many of you are aware, the Deepwater Horizon Rig located at approximately 88°19'W & 28°45'N experienced a catastrophic series of explosions on board and ultimately sunk last Thursday April 22, 2010. As a result of this, the remnants of the rig and the oil well have been releasing oil, which has now resulted in the growing oil slick depicted in translucent red/pink on the included ROFFS™ image.

We have continued to study a series of satellite imagery consisting of high resolution visible RGB (NASA Terra and Aqua MODIS), infrared sst° (NOAA 15, 16, 17, 18, 19, MetOpA, and NASA Terra and Aqua MODIS), and ocean color/chlorophyll imagery (NASA Terra and Aqua and MERIS) on a daily basis to determine the location and the spread of the resulting oil slick.

Today it appears that this oil slick has spread as far eastward as 87°12'W & 28°50-29°02'N south of the De Soto Canyon and east of the Double Nipple with a thin portion of it occurring as close as 20 miles east of South Pass, LA. This whole zone is a highly populated area with such fish as tuna, dolphin, wahoo, marlin, snapper, grouper, and sharks, as well as, turtles and birds. Also note that we are currently in the peak spawning season for Atlantic Bluefin Tuna (threatened species) that are in this area now. What we have seen and shown from the satellite imagery seems to agree very well with the Coast Guard over-flight map (also included) from Wednesday April 28, 2010. Please keep in mind that although this spill appears to be growing in size that the majority of it may only be as thick as a coat of paint. The currents shown are based on sequential image analysis and will change as a function of the local and regional winds and circulations. The arrows shown on the ROFFS™ map indicate the direction of the surface flow of the water and are not current vectors. These arrows do not indicate the speed of the current.

While the winds currently in the northeastern Gulf of Mexico are light (less than 10 knots); however, winds are forecasted to shift and blow from the southeast at 15-25 knots over the next several days. It remains to be seen how this will affect the distribution and spread of this oil slick. This is likely to push some of the oil towards the Louisiana coast and perhaps Alabama, Mississippi, and the Florida Panhandle. We anticipate that some of the oil will be pulled into the Loop Current and Gulf Stream system and be transported towards the Florida Keys, east coast of Florida, and further north along with the Gulf Stream. For more information on this event please visit http://www.roffs.com/deepwaterhorizon.html or contact ROFFS™ at (800) 677-7633 or via email at fish7@roffs.com.


ROFFS™ / USF_IMaRS
29 APR 2010
Calibration - °F
55.91
62.61
68.11
74.33
81.27
ROFFS™
www.roffs.com
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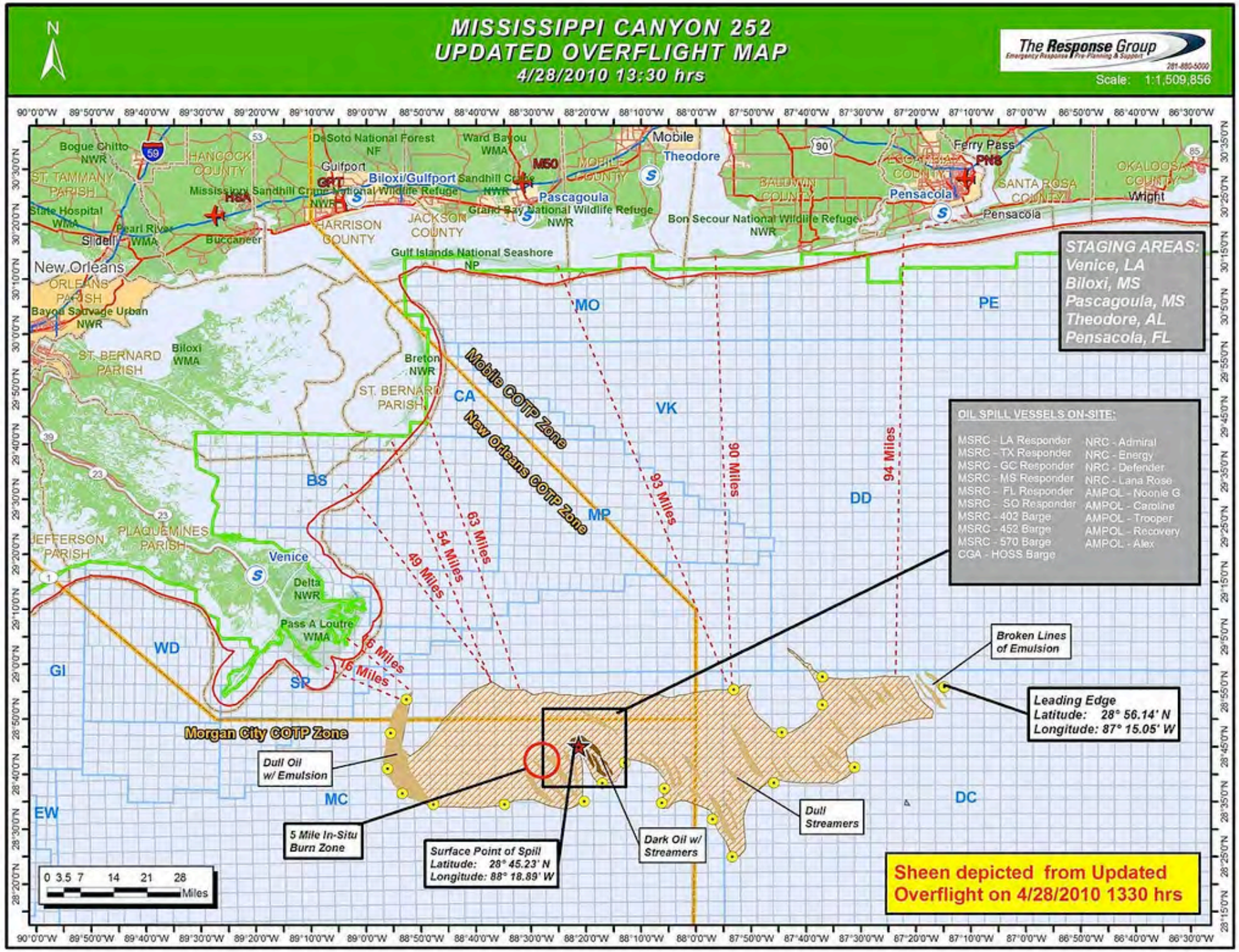
CLOUDS
CLOUDS
CLOUDS
CLOUDS
CLOUDS
CLOUDS
CLOUDS
CLOUDS
CLOUDS
LOOP CURRENT
MISSISSIPPI SOUND
CHANDELEUR SOUND
BRETON SOUND
CHANDELEUR ISLANDS
Biloxi Bay
Gulfport
Pascagoula
Horn Island
Ship Island
Cat Island
Isle au Pitre
Dauphin Island
Petit Bois Island
Mobile Pt
Perdido Bay
Pensacola
Santa Rosa Sound
Choctawhatchee Bay
Panama City
St. Joseph Bay
Port Saint Joe
Cape San Blas
Apalachicola
New Orleans
Venice
Main Pass
Grand Isle
Port Fourchon
Terrebonne Bay
Timbalier Bay
Caillou Bay
Lake Pelto
Bell Pass
Southwest Pass
South Pass
Viosca Knoll Area
Ram-Powell
Petronius
Neptune
Marlin
Spirit
Virgo
Horseshoe Rigs
Mile Rigs
The Elbow
The Steps
The Spur
The Nipple
131 Hole
Miss Jenny
Antares
Alabama Alps
Unexploded Ordnance
Disused Explosives Dumping Area
De Soto Canyon
Double Nipple
M.N. Cobb
Pompano
Amberjack
Cognac
Whiting
Mitchell Dome
Gloria
Biloxi
Petite Bois
Dauphin Dome
Heron's Mound
Tuna Mountain
Lena
Midnight Lump
Mississippi Canyon
Medusa Spar
Seahorse Pro
Mars
Ursa
Mensa
Ocean Confidence
Thunderhorse
Seven Seas
Curlew Mound
Grand Gosier Mound
Independence Hub
Ontario
Deepwater Millennium
Hog Mound
Bird Mound
Sable Mound
Noble Amos Runner
Atwater Valley
Lloyd Ridge
Diaphus Bank
Lobster
Morpeth East
Patterson Bank
Typhoon Seas
Green Canyon
Caillou Mound
Calumet Mound
Allegheny Seas
TLP Brutus
Bullwinkle
Cajun Express
Penchant Basin
Thibodaux Basin
Timbalier Basin
Harrison Basin
Tiger Basin
Stewart Basin
Holstein
Marco Polo
Mad Dog
Johnny Walker
Madison
Swanson
Empire Mt
Dump Site


MISSISSIPPI CANYON 252
UPDATED OVERFLIGHT MAP
4/28/2010 13:30 hrs
The Response Group
Emergency Response | Pre-Planning & Support
281-880-5000
Scale: 1:1,509,856
N
STAGING AREAS:
Venice, LA
Biloxi, MS
Pascagoula, MS
Theodore, AL
Pensacola, FL
OIL SPILL VESSELS ON-SITE:
MSRC - LA Responder
MSRC - TX Responder
MSRC - GC Responder
MSRC - MS Responder
MSRC - FL Responder
MSRC - SO Responder
MSRC - 402 Barge
MSRC - 452 Barge
MSRC - 570 Barge
CGA - HOSS Barge
NRC - Admiral
NRC - Energy
NRC - Defender
NRC - Lana Rose
AMPOL - Noonie G
AMPOL - Caroline
AMPOL - Trooper
AMPOL - Recovery
AMPOL - Alex
Mobile COTP Zone
New Orleans COTP Zone
Morgan City COTP Zone
90 Miles
94 Miles
93 Miles
63 Miles
54 Miles
49 Miles
6 Miles
6 Miles
Broken Lines of Emulsion
Leading Edge
Latitude: 28° 56.14' N
Longitude: 87° 15.05' W
Dull Oil w/ Emulsion
5 Mile In-Situ Burn Zone
Surface Point of Spill
Latitude: 28° 45.23' N
Longitude: 88° 18.89' W
Dark Oil w/ Streamers
Dull Streamers
Sheen depicted from Updated Overflight on 4/28/2010 1330 hrs
0 3.5 7 14 21 28 Miles
Mobile
Theodore
Pensacola
Ferry Pass
Wright
Gulfport
Biloxi/Gulfport
Pascagoula
New Orleans
Venice
Delta NWR
Breton NWR
Bayou Sauvage Urban NWR
Gulf Islands National Seashore NP
Bon Secour National Wildlife Refuge NWR
Grand Bay National Wildlife Refuge NWR
Mississippi Sandhill Crane National Wildlife Refuge
DeSoto National Forest
Ward Bayou WMA
Pass A Loutre WMA
Biloxi WMA
Pearl River WMA
State Hospital WMA
Bogue Chitto NWR
MO
PE
CA
VK
BS
MP
DD
WD
GI
SP
MC
EW
DC