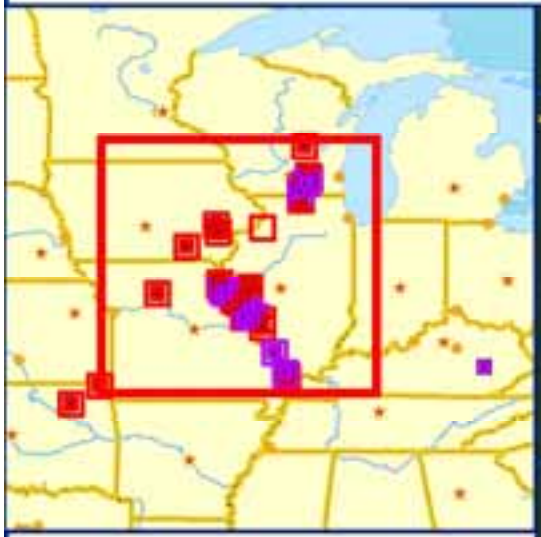
DEPARTMENT OF HEALTH AND HUMAN SERVICES
* USA *
MED
MAP

HHS - ESF 6/8 - R5&7 - Phase 1-Awareness
Severe Weather - River Gauge Levels

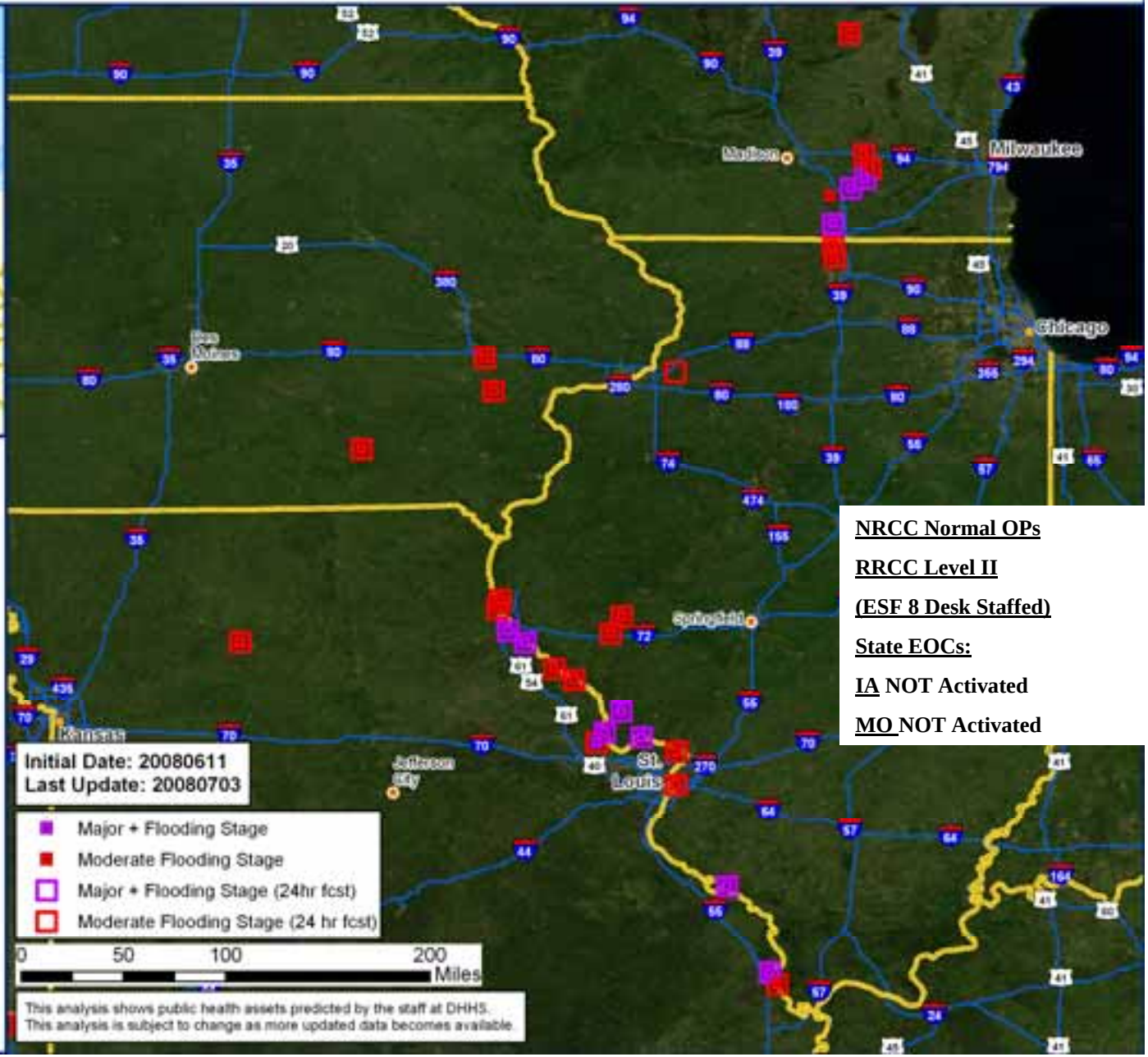
GEOSPATIAL PUBLIC HEALTH PREPAREDNESS PROGRAM - U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES



R7 11Jul08 1415EDT:

- IA: Fatalities 17; injured 106
- IA: 5 shelters with 167 occupants
- IA: IAs and PAs complete
- MO: 2 shelters with 24 occupants
- MA rec'd to deploy HHS Liaison to JFO

(R7 REC, FEMA)



NRCC Normal OPs

RRCC Level II

(ESF 8 Desk Staffed)

State EOCs:

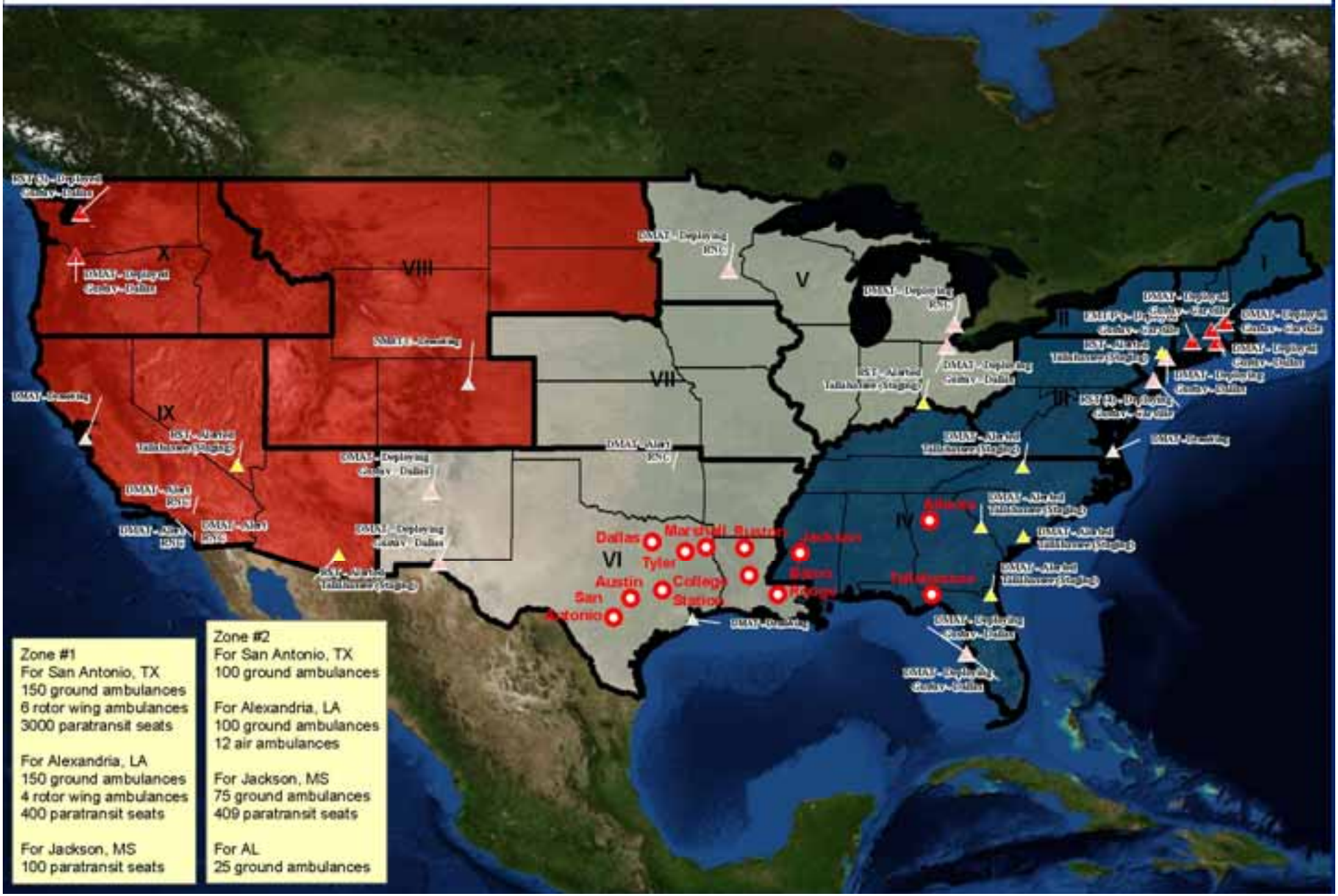
IA NOT Activated

MO NOT Activated

Deployed Asset Locations

as of 20080831-0900

GEOSPATIAL PUBLIC HEALTH PREPAREDNESS PROGRAM - U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES



Zone #1
For San Antonio, TX
150 ground ambulances
6 rotor wing ambulances
3000 paratransit seats

For Alexandria, LA
150 ground ambulances
4 rotor wing ambulances
400 paratransit seats

For Jackson, MS
100 paratransit seats

Zone #2
For San Antonio, TX
100 ground ambulances

For Alexandria, LA
100 ground ambulances
12 air ambulances

For Jackson, MS
75 ground ambulances
409 paratransit seats

For AL
25 ground ambulances

HHS - ESF 6/8 - Reg 6 - Phase 2 - Concern

HURRICANE IKE - Equipment Assets

GEOSPATIAL PUBLIC HEALTH PREPAREDNESS PROGRAM - U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES

Austin, TX
2 DMAT Caches
5 DMAT Rx Caches
5 ST Kits
3 FMS Community Health Kits

Dallas, TX
4 FMS (Staged)
1 DMAT Cache
1 DMAT RX Cache
2 ST Kits
1 DPMU

College Station, TX
2 FMS
1 RX Cache
3 ST Kits

Total
12 DMAT Cache
5 FMS (Active)
400 Ambulances

Houston TX
George Brown Convention Ctr
- 1 DMAT Cache
- 1 RX Cache
- 2 ST Kit

Rice University/Texas Medical Ctr
- 2 DMAT Caches
- 2 Rx Caches
- 1 ST Kit

BEAUMONT
Ford Park Center:
- 1 DMAT Caches
- 1 RX Cache
- 2 ST Kits

San Antonio, TX
WINN Building:
- 2 FMS

Kelly AFB:
- 1 FMS

Trinity Tri-point:
- 1 DMAT Cache
- 1 RX cache

Webster, TX
2 DMAT Cache
2 RX Cache

Lamarque, TX
- 1 DMAT Cache

Galveston, TX
UTMCG:
- 1 DMAT Cache
-1 RX Cache
-2 ST Kits

21Sep08 1530EDT:

- No longer a tropical system
- Remnants of Ike brought heavy rainfall and winds in R5
- Response and recovery ongoing in R6
- TX EOC at Level I

(NOAA, FEMA)

HHS - ESF 6/8 - Reg 6 - Phase 2 - Concern

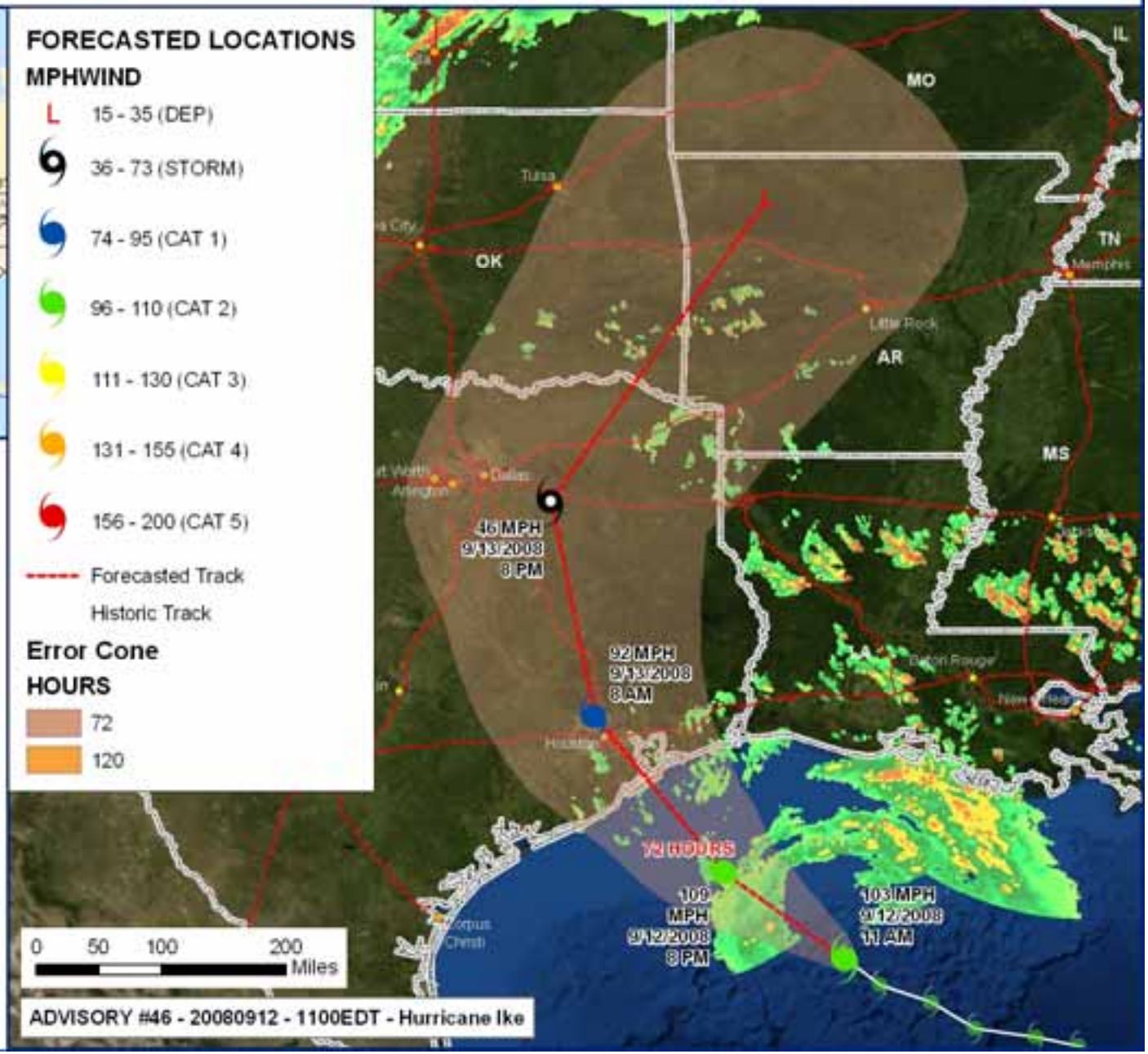
HURRICANE IKE - GULF OF MEXICO

GEOSPATIAL PUBLIC HEALTH PREPAREDNESS PROGRAM - U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES

12Sep08 1100EDT:

- 165 Miles SE of Galveston, TX 270 E of Corpus Christi moving WNW 12 MPH
- Category 2 Hurricane
- Sustained winds at 105 mph
- Expected to strengthen by Sat AM
- TX, FL, and LA Governors declared State of Emergency
- HHS Sec declared PHE for TX

(NOAA, FEMA)



Strategic Objectives for MedMap

- Inform and Empower HHS and ESF#8 support staff
- Increase situational awareness by creating a platform that consumes real-time data
- Enable planning and post incident planning
- Facilitate global partnerships

MedMap Mission

- Web based, no download required
- Visualization of fixed and mobile assets (i.e hospitals, nursing homes, CI/KR, teams and caches)
- Increased situational awareness
- Ability to plan for events (“What If?”)
- Query data elements for specific values
- Custom tools for display and queries
- COP to share with ESF 8 partners

History

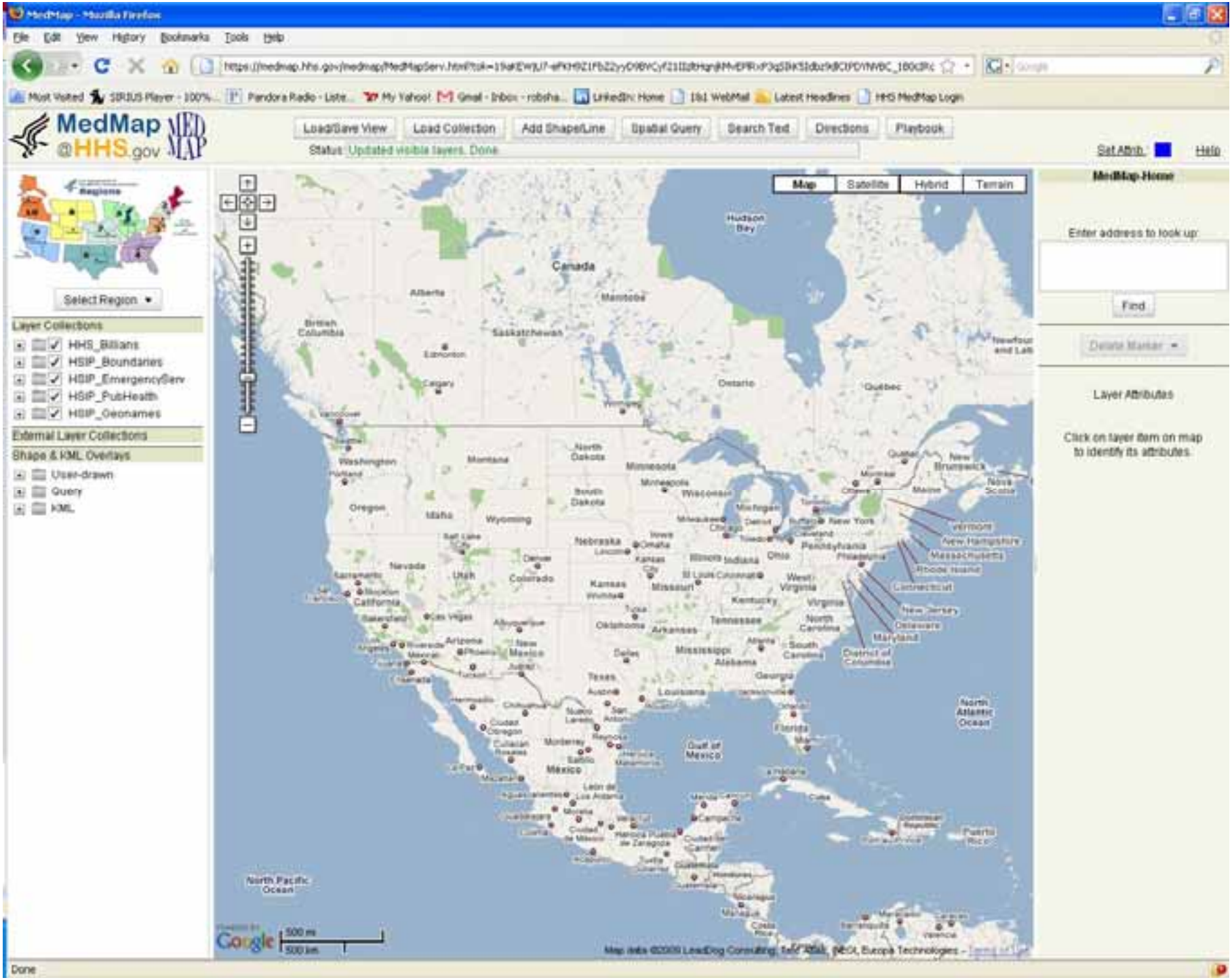
- From January through June of 2009
  - General Mapping
    - Secure log-in page to the MedMap web-based application
  - Data
    - Access the GIS database at HHS HQ
    - Data downloaded and used based on events
    - HHS data secure behind firewall and not shared/accessed by outside
    - Data layers loaded based on user assigned group
    - View events of interest generated by SOC GIS staff

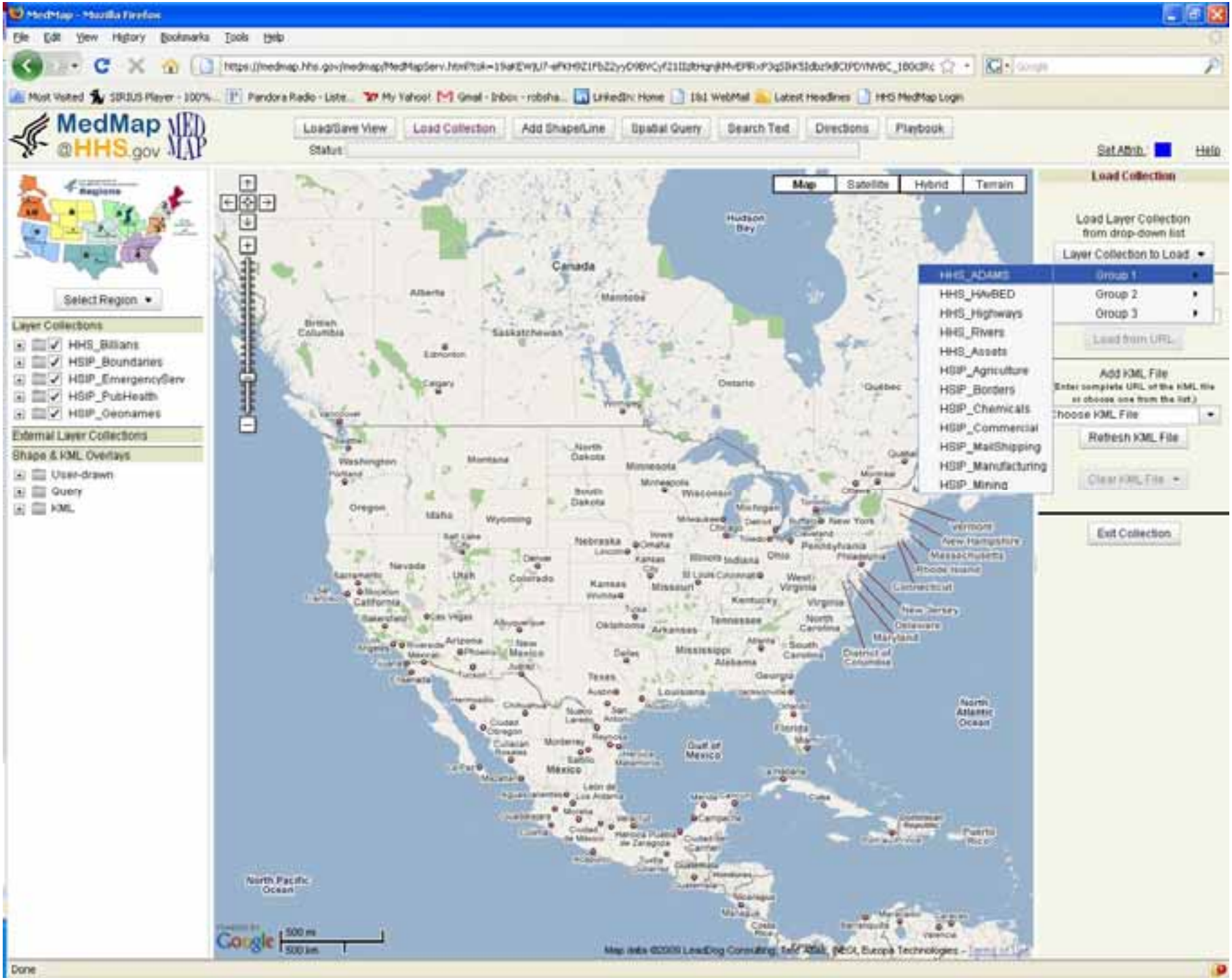
MedMap Statistics

- From prototype to implementation in less than 6 months
- 196 user accounts (growing)
- 480+ data layers in 70+ layer groups
- Streaming and daily downloads (inc. NOAA, USGS)
- Used for recent responses and has become COP for ASPR and CDC
- Working on data sharing projects with other departments

MedMap Integration

- Used in daily operation of the Secretary's Operation Center of HHS as well as during deployments
- Has become an integral part of the HHS response and reporting mechanism
- Has empowered staff to do minor spatial requests


MedMap - Mozilla Firefox
File Edit View History Bookmarks Tools Help
MedMap @HHS.gov
Load/Save View
Load Collection
Add Shape/Line
Spatial Query
Search Text
Directions
Playbook
Status: Updated visible layers. Done
Help
Select Region
Layer Collections
HHS_Billians
HSIP_Boundaries
HSIP_EmergencyServ
HSIP_PubHealth
HSIP_Geonames
External Layer Collections
Shape & KML Overlays
User-drawn
Query
KML
Map
Satellite
Hybrid
Terrain
MedMap Home
Enter address to look up:
Find
Delete Marker
Layer Attributes
Click on layer item on map to identify its attributes.
Canada
Mexico
Gulf of Mexico
North Pacific Ocean
North Atlantic Ocean
Done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Hybrid
Terrain
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Load Layer Collection from drop-down list
Layer Collection to Load
HHS_ADAMS
HHS_HAVBED
HHS_Highways
HHS_Rivers
HHS_Assets
HSIP_Agriculture
HSIP_Borders
HSIP_Chemicals
HSIP_Commercial
HSIP_MailShipping
HSIP_Manufacturing
HSIP_Mining
Group 1
Group 2
Group 3
Load from URL
Add KML File
Choose KML File
Refresh KML File
Clear KML File
Exit Collection
Canada
Hudson Bay
Alberta
Manitoba
Saskatchewan
British Columbia
Edmonton
Calgary
Ontario
Québec
Washington
Montana
North Dakota
Minnesota
Oregon
Idaho
Wyoming
South Dakota
Wisconsin
Michigan
Nebraska
Iowa
Omaha
Nevada
Utah
Colorado
Kansas
Missouri
Illinois
Indiana
Ohio
Pennsylvania
New York
Vermont
New Hampshire
Massachusetts
Connecticut
New Jersey
Delaware
Maryland
District of Columbia
West Virginia
Virginia
Kentucky
Tennessee
North Carolina
South Carolina
Georgia
Alabama
Mississippi
Louisiana
Arkansas
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California
Arizona
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Gulf of Mexico
México
Florida
Cuba
North Atlantic Ocean
North Pacific Ocean
Puerto Rico
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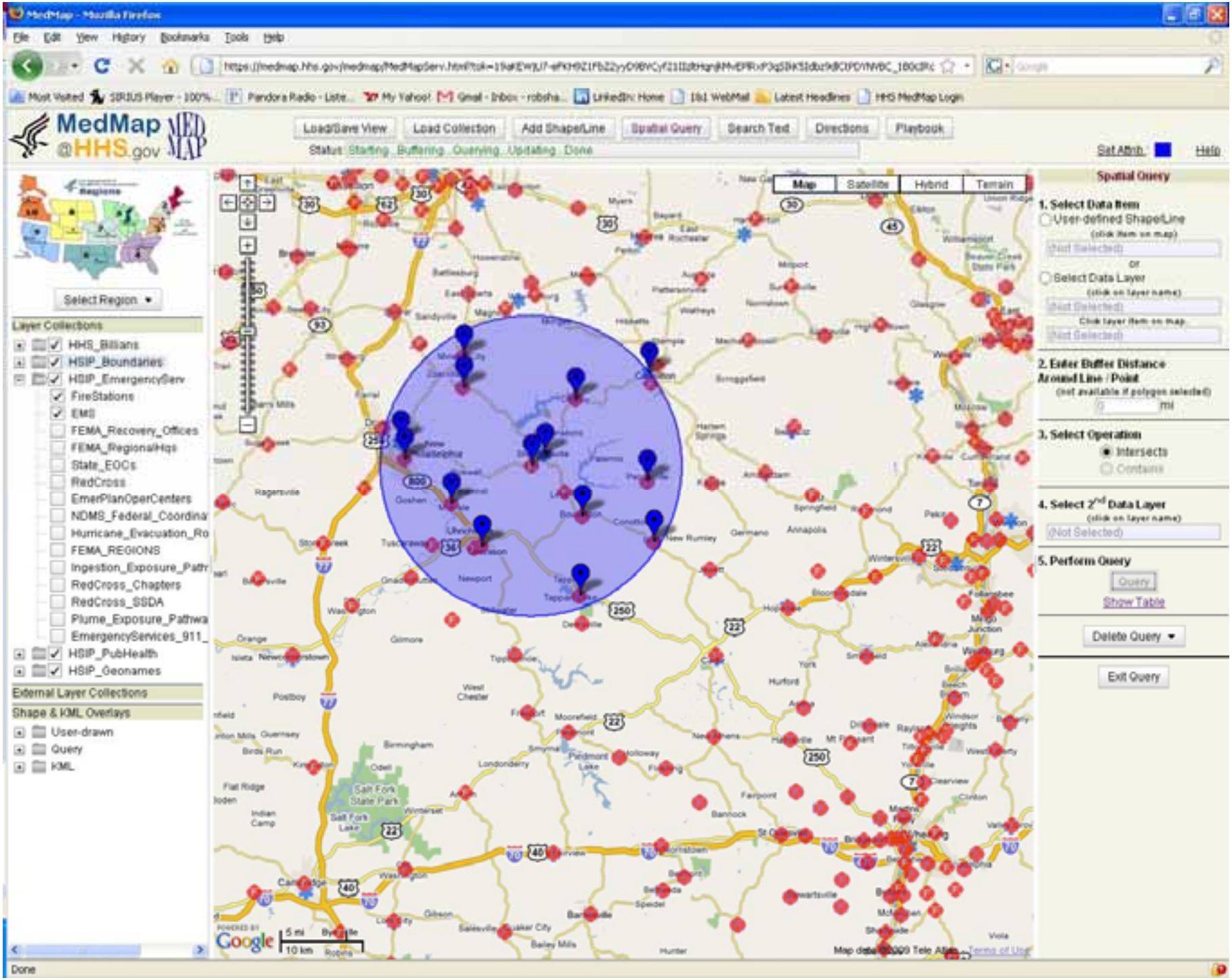
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HSIP_EmergencyServ
FireStations
EMS
FEMA_Recovery_Offices
FEMA_RegionalHqs
State_EOCs
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FEMA_REGIONS
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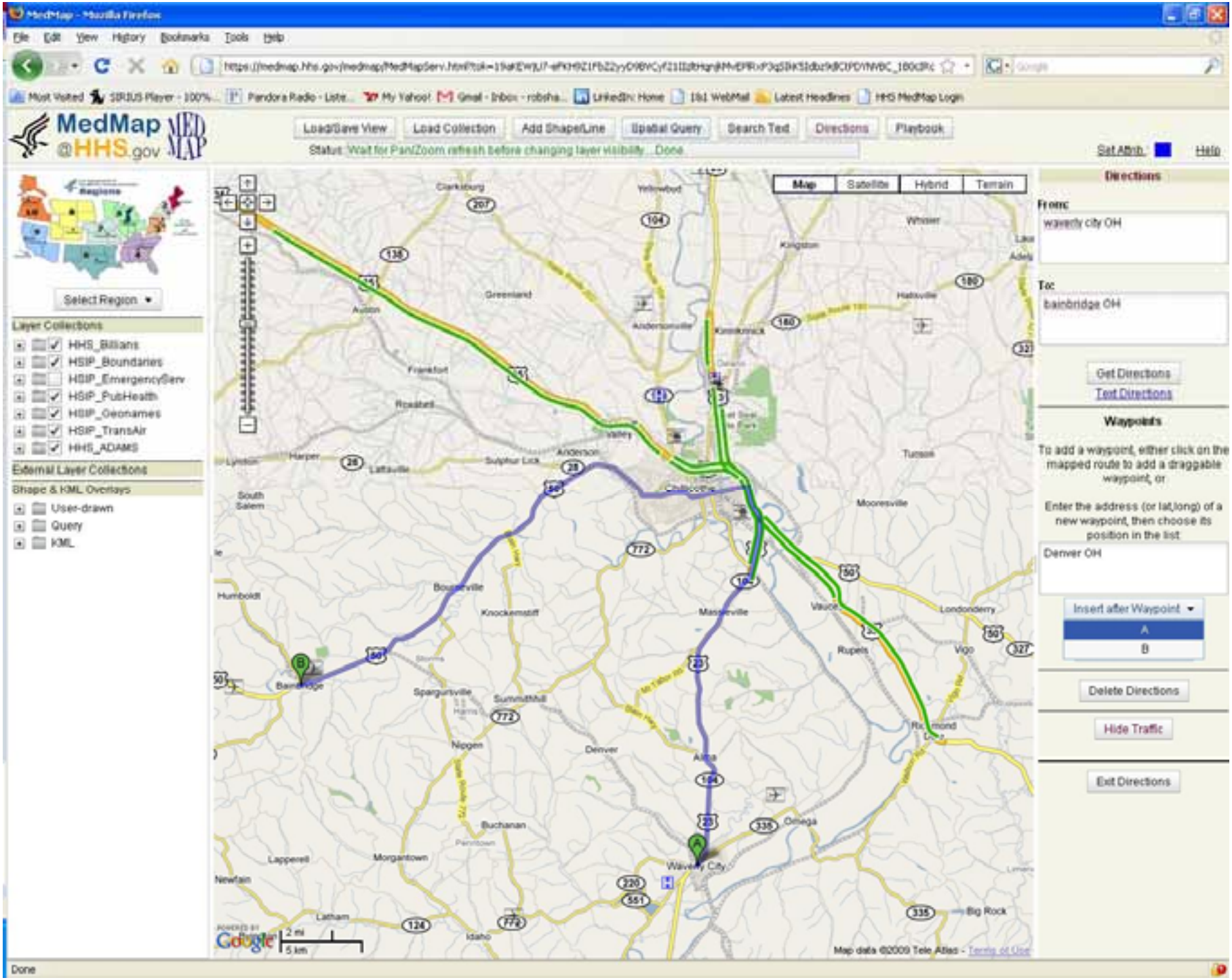
Spatial Query
1. Select Data Item
User-defined Shape/Line
(click Item on map)
(Not Selected)
OR
Select Data Layer
(click on layer name)
(Not Selected)
Click layer Item on map
(Not Selected)
2. Enter Buffer Distance Around Line / Point
(not available if polygon selected)
0 mi
3. Select Operation
Intersects
Contains
4. Select 2nd Data Layer
(click on layer name)
(Not Selected)
5. Perform Query
Query
Show Table
Delete Query
Exit Query
Google
5 mi
10 km
Done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HSIP_TransAir
HHS_ADAMS
External Layer Collections
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User-drawn
Query
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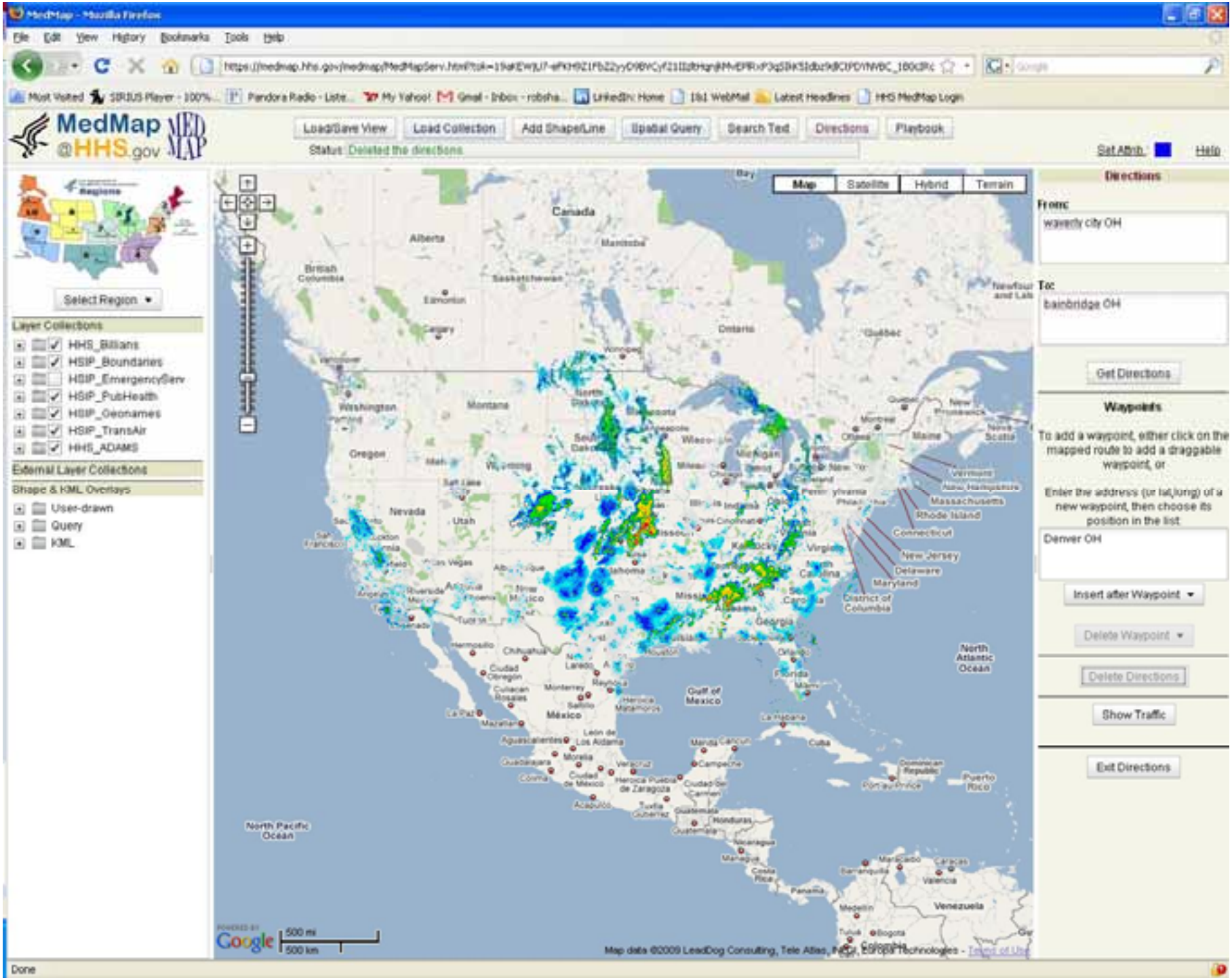
Hybrid
Terrain
Directions
From:
waverly city OH
To:
bainbridge OH
Get Directions
Text Directions
Waypoints
To add a waypoint, either click on the mapped route to add a draggable waypoint, or
Enter the address (or lat,long) of a new waypoint, then choose its position in the list
Denver OH
Insert after Waypoint
A
B
Delete Directions
Hide Traffic
Exit Directions
Map data ©2009 Tele Atlas - Terms of Use
Done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Calgary
Saskatchewan
Manitoba
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Washington
Montana
Oregon
Nevada
Utah
Gulf of Mexico
México
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Cuba
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Google
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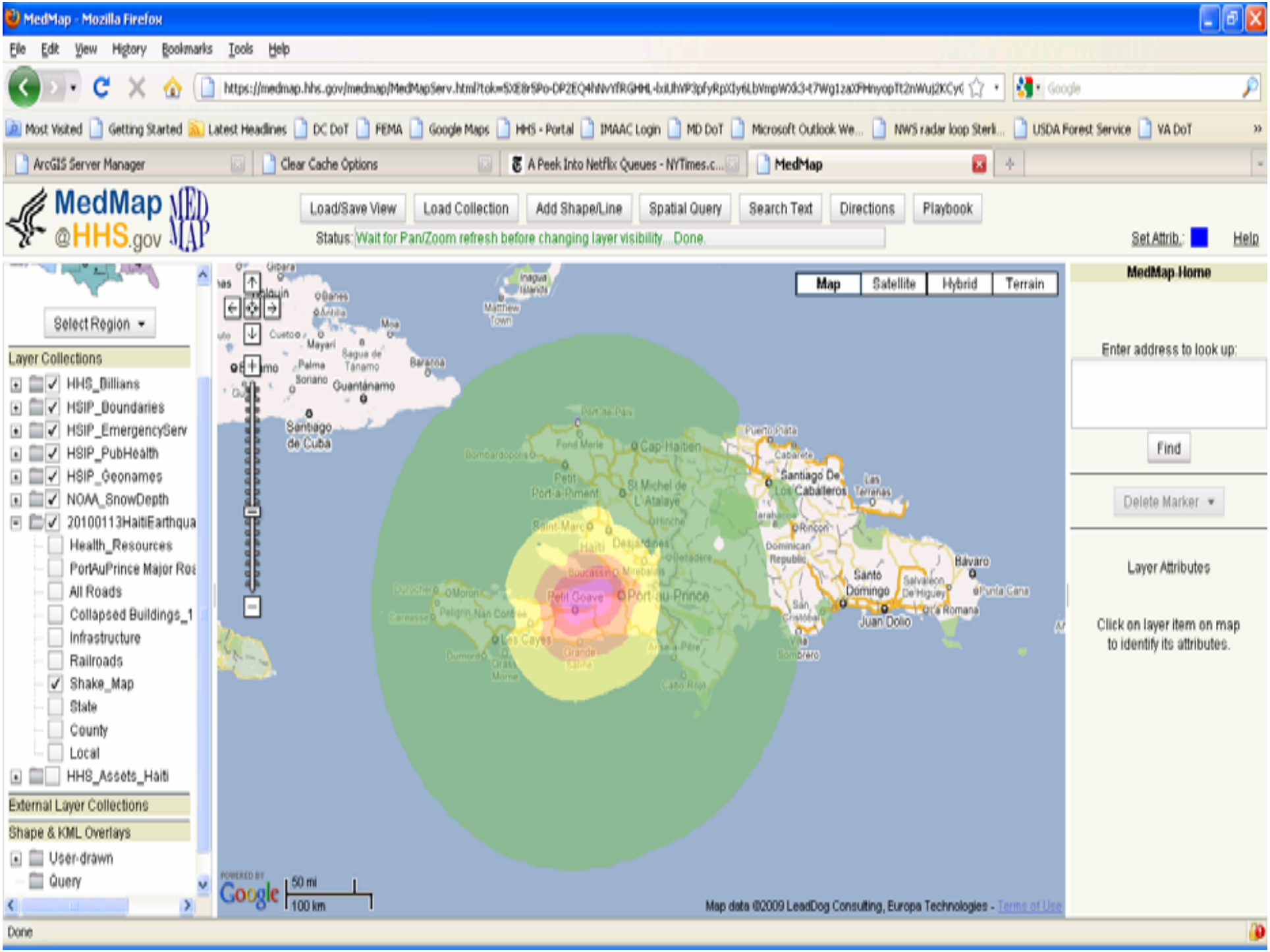
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Hybrid
Terrain
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Cap-Haitien
Port-au-Prince
Petit Goave
Santiago De Los Caballeros
Santo Domingo
Juan Dolio
Bávaro
Puerto Plata
Las Terrenas
Punta Cana
La Romana
Salvaleon De Higuey
Dominican Republic
Rincon
Cabarete
Port de Paix
Fond Merle
Bombardopolis
Petit Port-a-Piment
St Michel de L'Atalaye
Saint-Marc
Haiti
Desjardines
Boucassin
Mirebalais
Belladere
Hinche
Moron
Peligrin
Nan Confrée
Les Cayes
Grande Saline
Arse-a-Pitre
Cabo Rojo
Villa Sombrero
San Cristóbal
Inagua Islands
Matthew Town
Baracoa
Moa
Mayarí
Sagua de Tánamo
Palma Soriano
Cueto
Gibara
Banes
Antilla
Cuba
Google
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Layer Attributes
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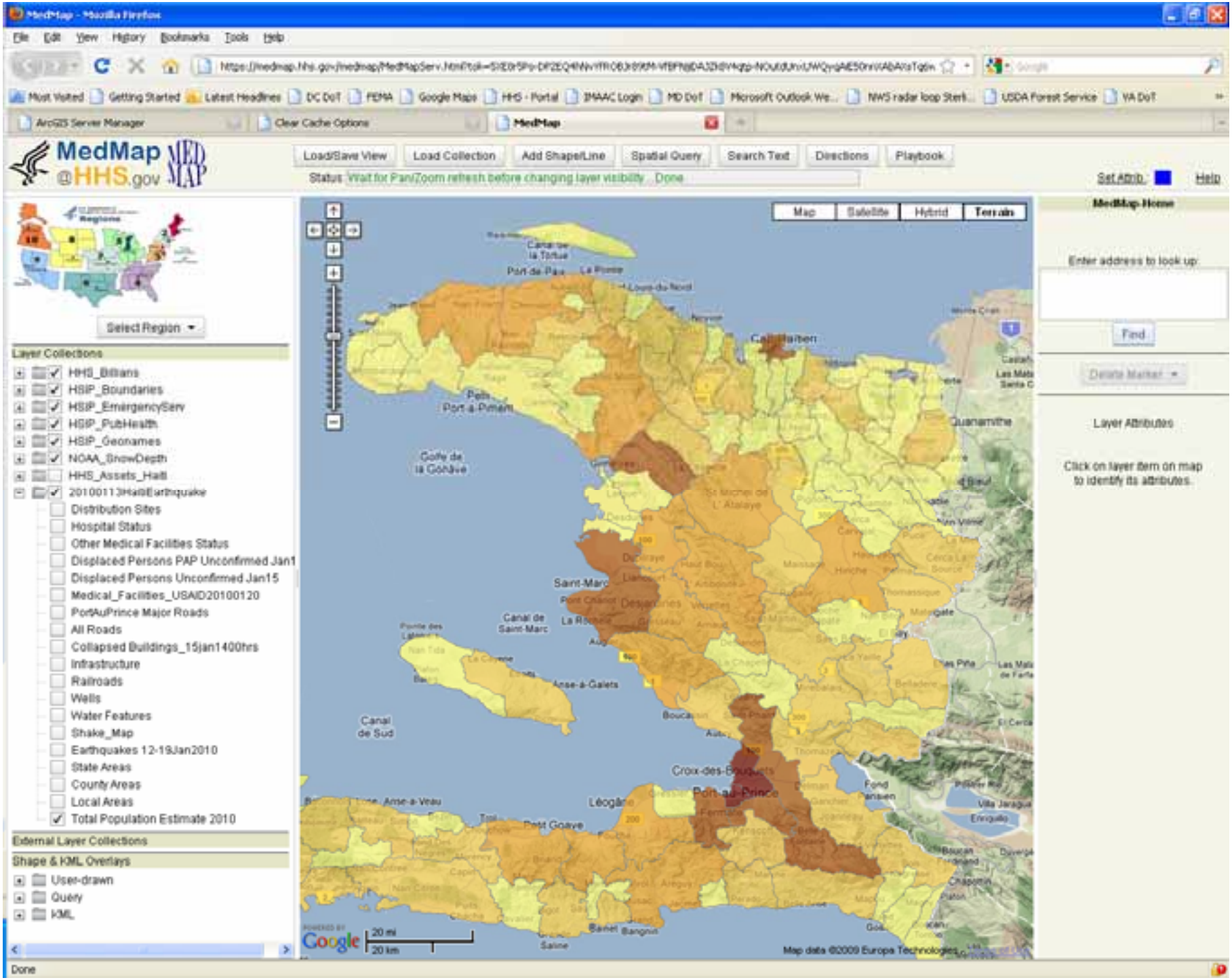
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Distribution Sites
Hospital Status
Other Medical Facilities Status
Displaced Persons PAP Unconfirmed Jan1
Displaced Persons Unconfirmed Jan15
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PortAuPrince Major Roads
All Roads
Collapsed Buildings_15jan1400hrs
Infrastructure
Railroads
Wells
Water Features
Shake_Map
Earthquakes 12-19Jan2010
State Areas
County Areas
Local Areas
Total Population Estimate 2010
External Layer Collections
Shape & KML Overlays
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Terrain
Golfe de la Gonâve
Port-à-Piment
Saint-Marc
Canal de Saint-Marc
Canal de Sud
Anse-à-Galets
Léogâne
Port-au-Prince
Croix-des-Bouquets
Quanamthe
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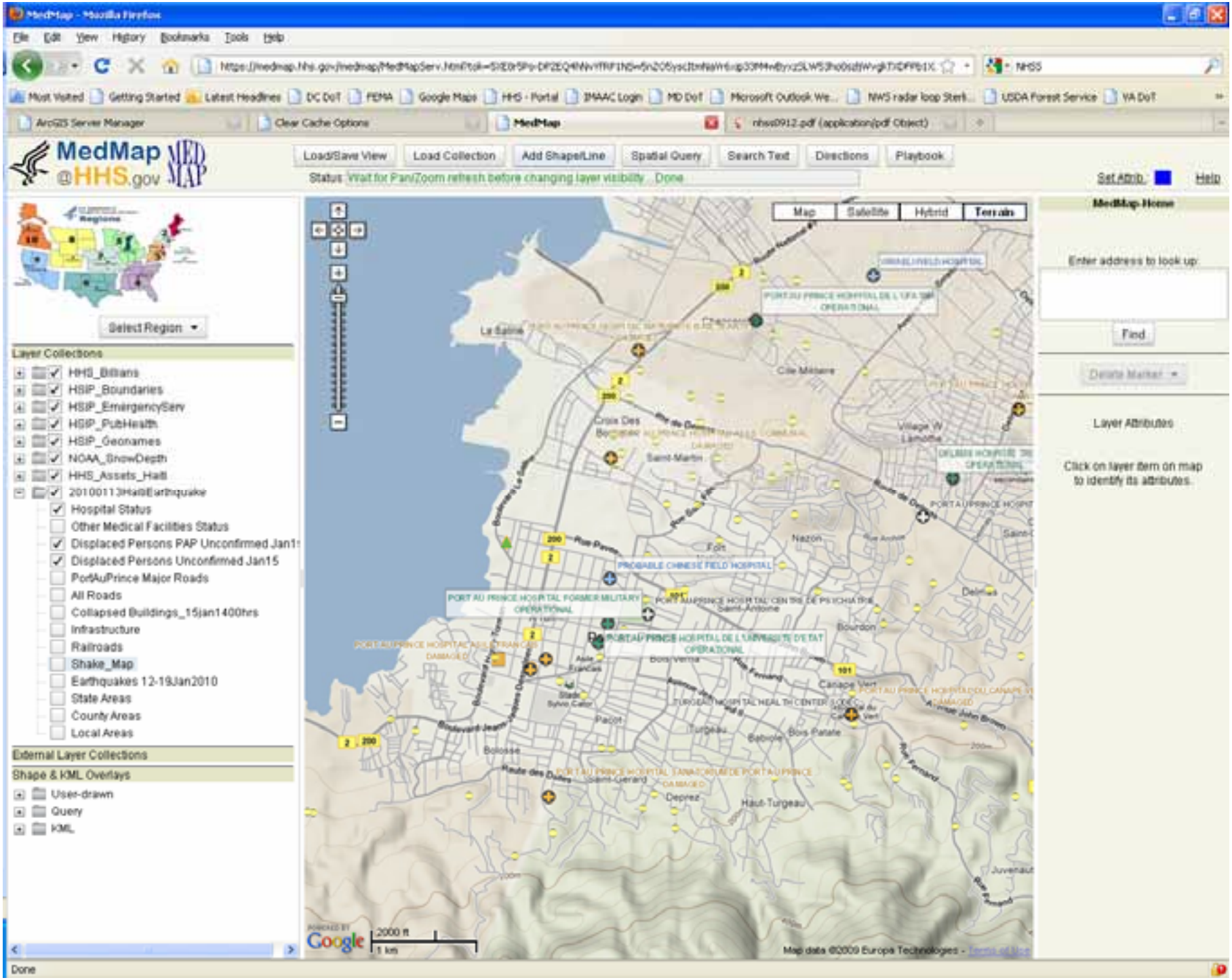
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Terrain
PROBABLE CHINESE FIELD HOSPITAL
Google
2000 ft
1 km
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MedMap Home
Enter address to look up:
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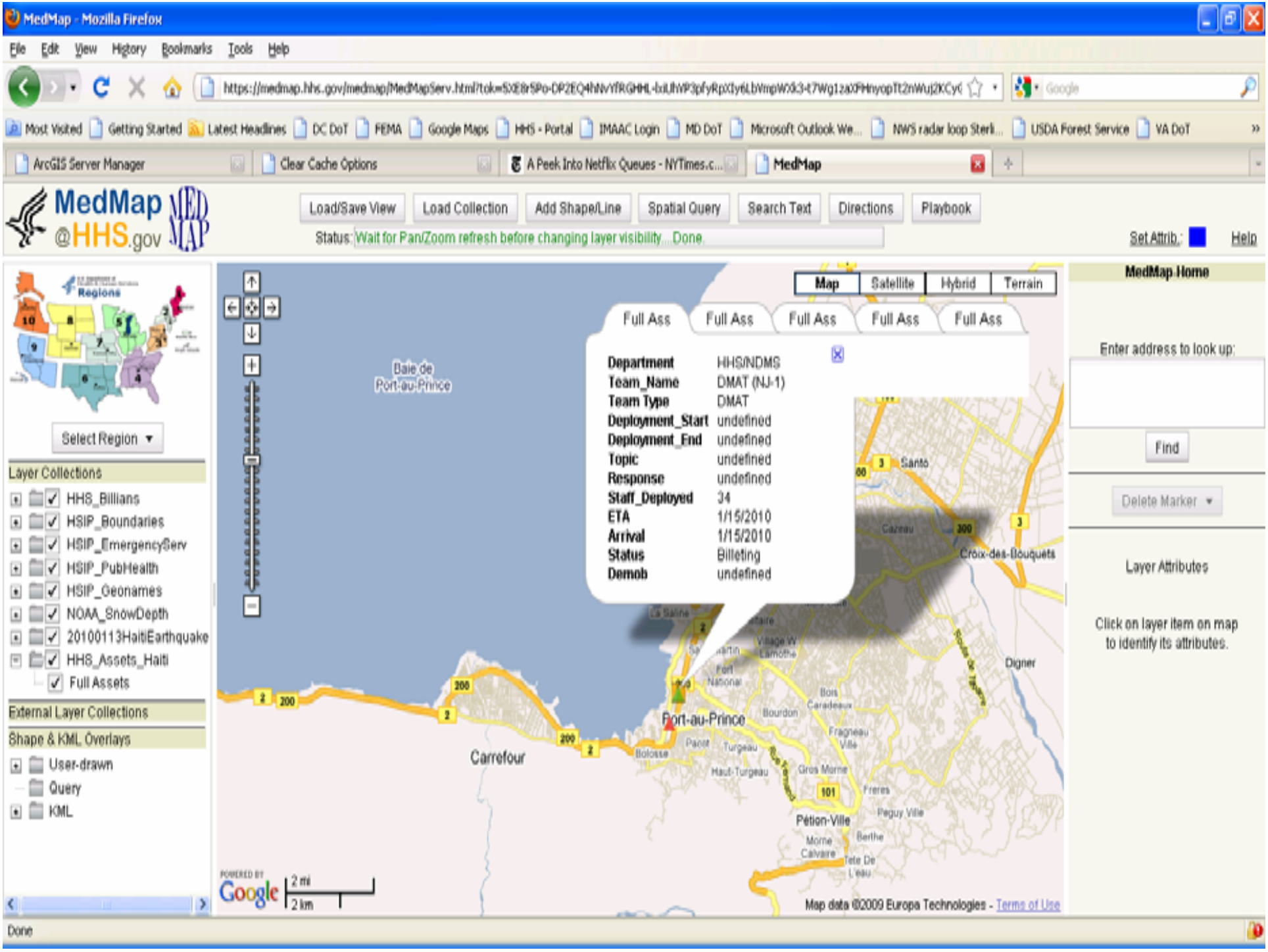
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Team Type DMAT
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Deployment_End undefined
Topic undefined
Response undefined
Staff_Deployed 34
ETA 1/15/2010
Arrival 1/15/2010
Status Billeting
Demob undefined
Baie de Port-au-Prince
Port-au-Prince
Carrefour
Pétion-Ville
Croix-des-Bouquets
Digner
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Google
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2 km
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