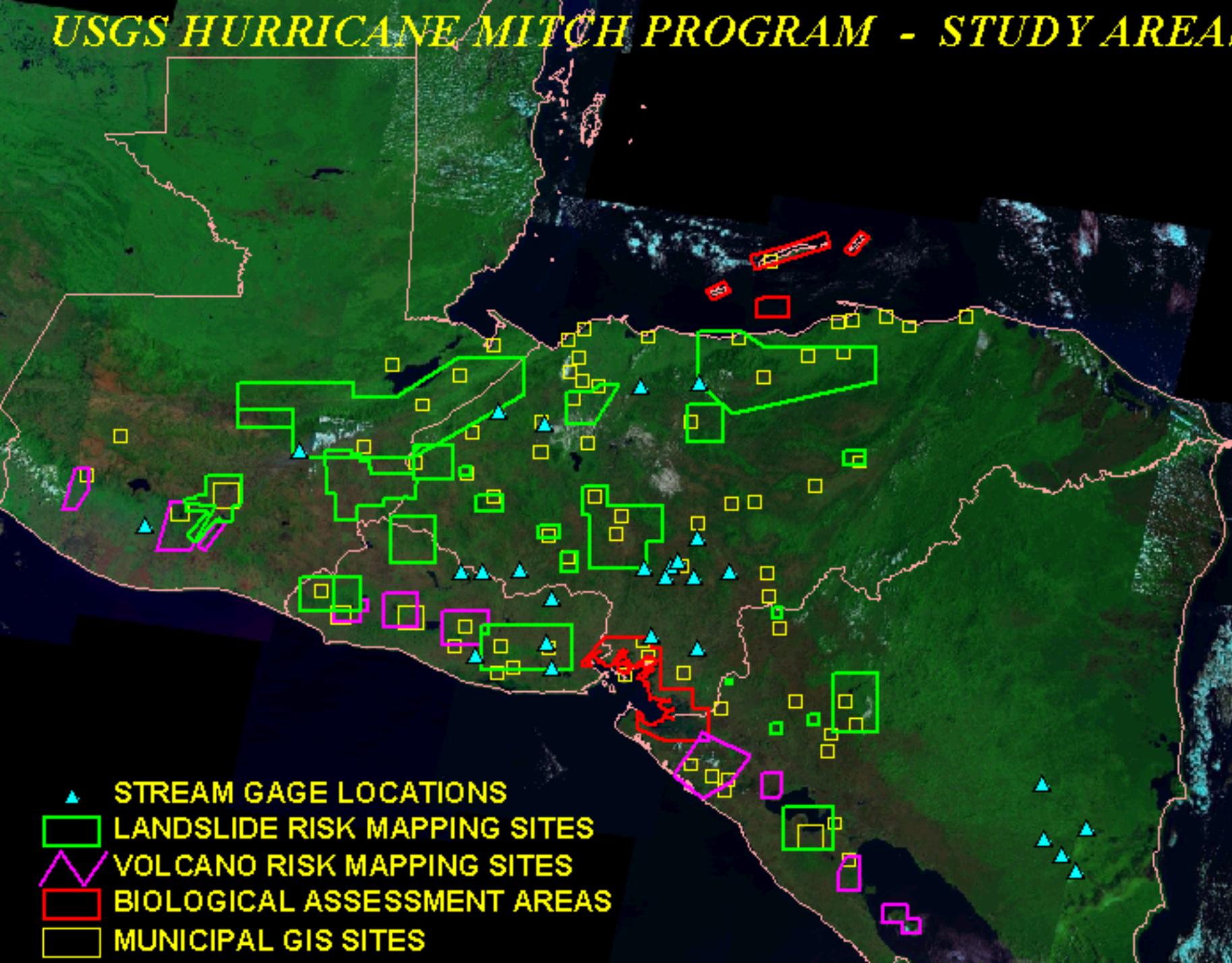


USGS HURRICANE MITCH PROGRAM - STUDY AREAS



- ▲ STREAM GAGE LOCATIONS
- ▭ LANDSLIDE RISK MAPPING SITES
- ▭ VOLCANO RISK MAPPING SITES
- ▭ BIOLOGICAL ASSESSMENT AREAS
- ▭ MUNICIPAL GIS SITES

Program Status - Snapshots

- **~15,000 frames of aerial photography acquired and indexed**
- **New post-Mitch Landsat-7 mosaick prepared**
- **1:50K digital topos (DRG's) complete**
- **1:25K DRG's completed for El Salvador**
- **Clearinghouse node servers installed**
- **31 stream gages installed and operational**
- **LIDAR acquired at 14 sites; flood-risk map production begun**
- **North coast coral reef studies close to completion**
- **Studies of Subtidal systems (mangroves), shrimp ecology close to completion**
- **Reconnaissance landslide mapping on schedule in Honduras, Nicaragua, and Guatemala; El Salvador mapping begun**
- **DEM's produced for areas around 10 volcanoes; modeling of lahar runoff and preparation of risk maps underway.**
- **Muni GIS Project - 20 municipalities visited in Honduras - 10 in Guatemala, 50 PC's and software delivered; new software designed**
- **\$660K grant received from OFDA/CAMI for 10 new stream gages and GIS support in Honduras**
- **\$120K OFDA/CAMI grant awarded to Zamorano for municipal GIS work in Nicaragua;**

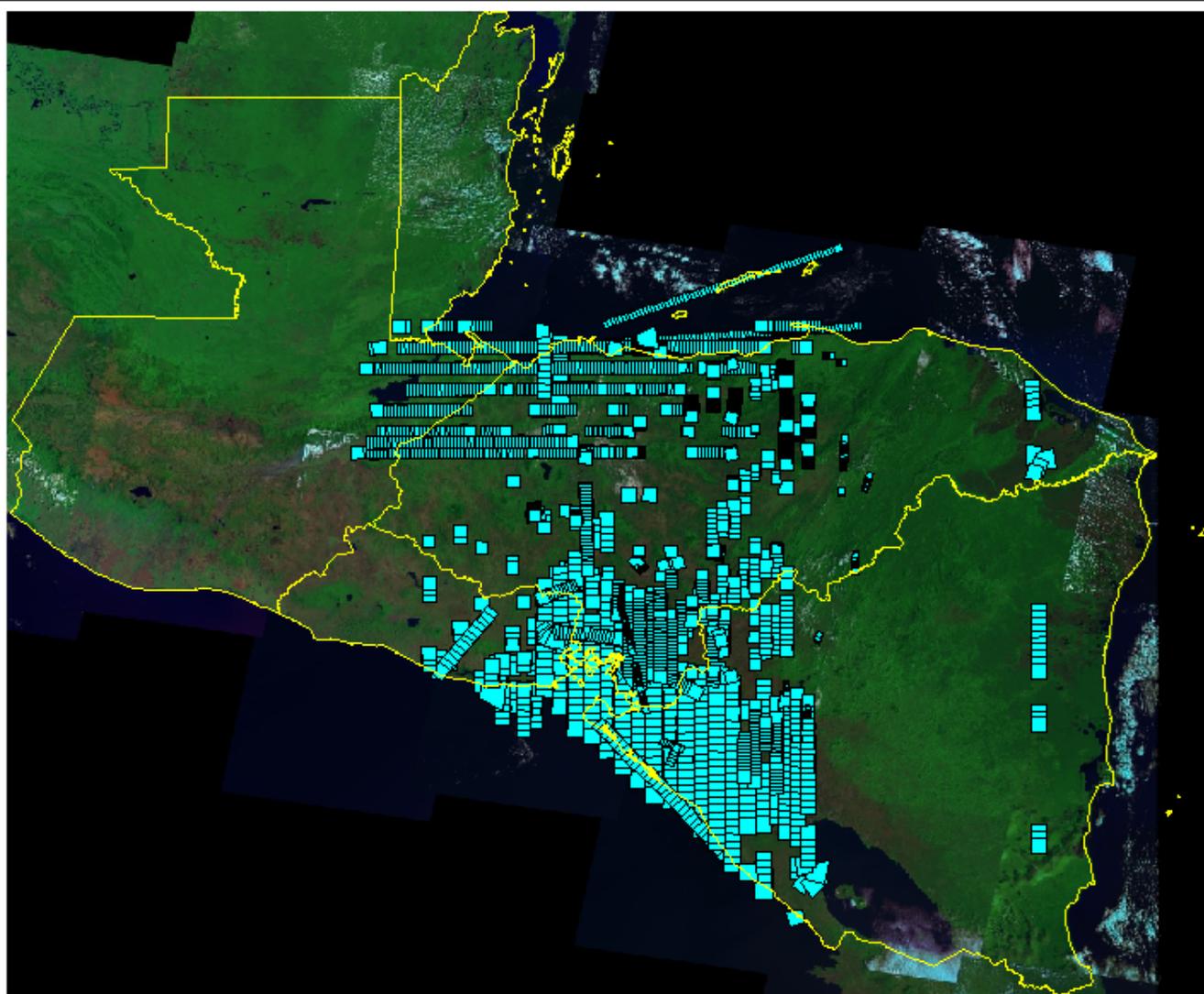


Scale 1: 5,686,989

-93.23
13.47

View1

- Sons on ate.shp
- Santa anna.shp
- North_coast_color.s
- North_coast_bw.sh
- Jica.shp
- M4_v_49.shp
0 - 10 Percen
11 - 40 Perce
- M3_v_49.shp
0 - 10 Percen
11 - 40 Perce
- M5_v_49.shp
0 - 10 Percen
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- M1_v_49.shp
0 - 10 Percen
11 - 40 Perce
- M2_v_49.shp
0 - 10 Percen
11 - 40 Perce
- Hond_northcoast_b
- Fonseca_m anglare:
- Ahuachapan.shp
- C_amer_tm.sid



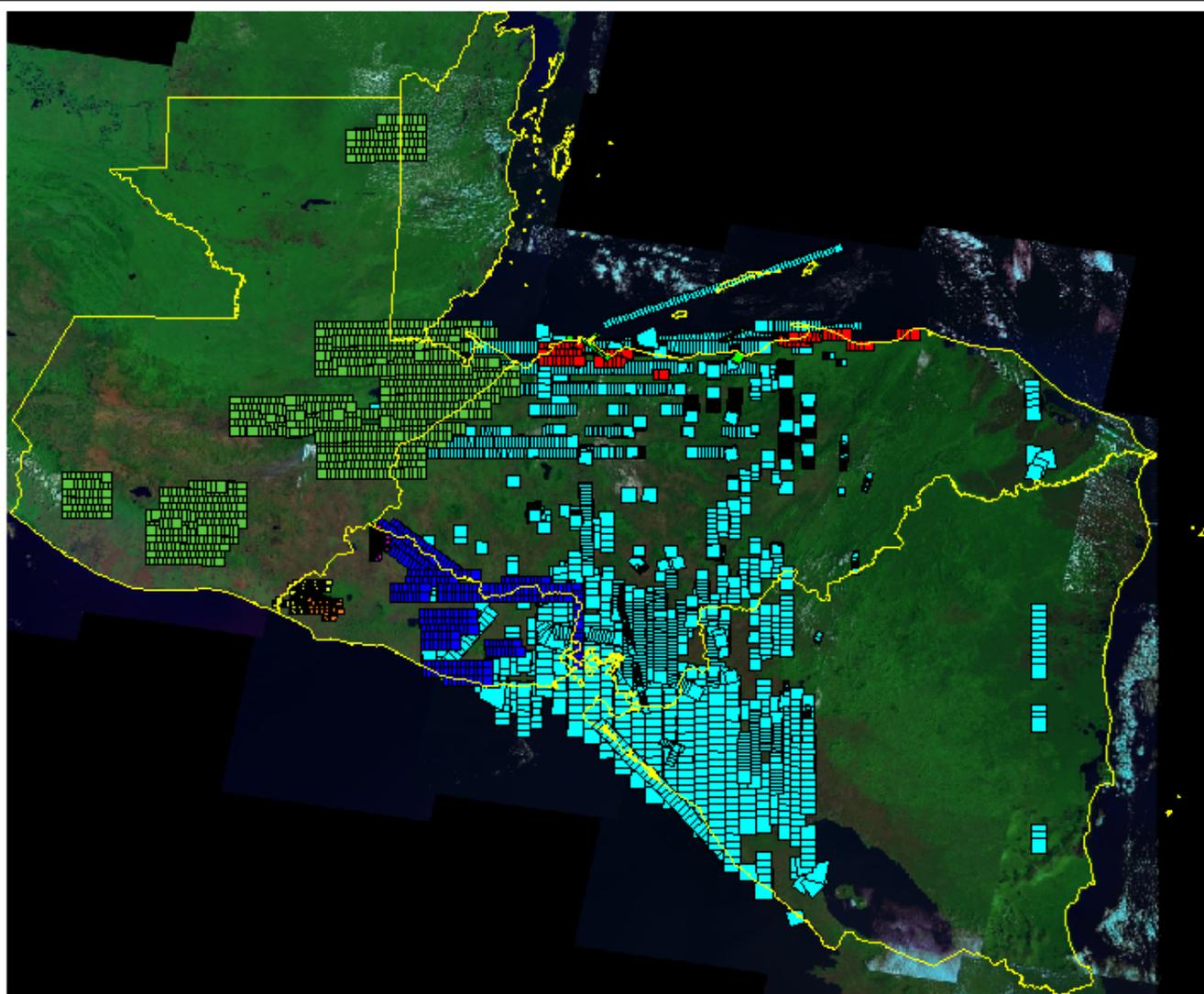


Scale 1: 5,686,989

-93.23
13.47

View1

- Countries.shp
- Targets_10_2000.s
- Nic_order1024000.s
- Guatemala.shp
- Sons on ate.shp
- Santa anna.shp
- North_coast_color.s
- North_coast_bw.sh
- Jica.shp
- M4_v_49.shp
- M3_v_49.shp
- M5_v_49.shp
- M1_v_49.shp
- M2_v_49.shp
- Hond_northcoast_b



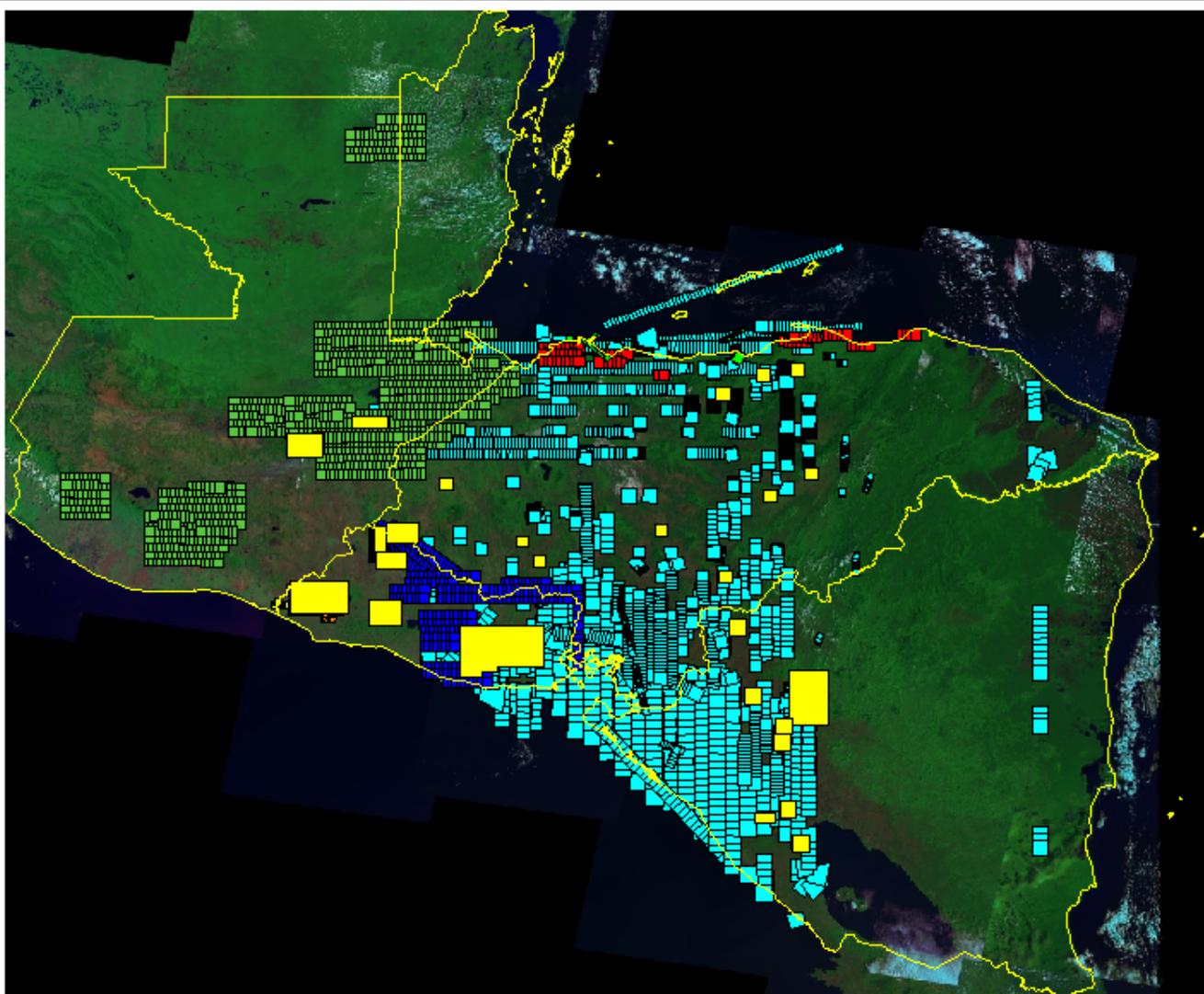


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View1

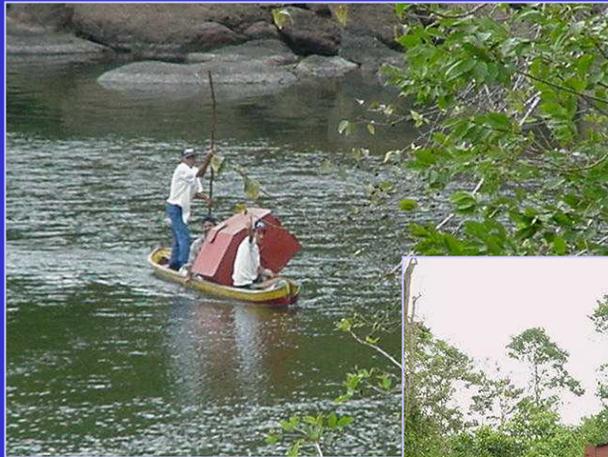
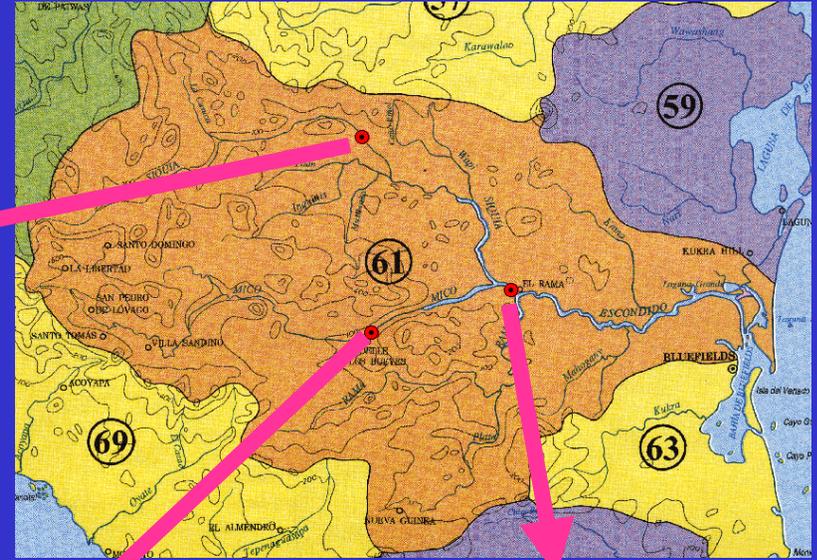
- Sons on ate.shp
Orange
- Santa anna.shp
Magenta
- North_coast_color.s
Green
- North_coast_bw.sh
Red
- Jica.shp
Blue
- M4_v_49.shp
0 - 10 Percen
11 - 40 Perce
- M3_v_49.shp
0 - 10 Percen
11 - 40 Perce
- M5_v_49.shp
0 - 10 Percen
11 - 40 Perce
- M1_v_49.shp
0 - 10 Percen
11 - 40 Perce
- M2_v_49.shp
0 - 10 Percen
11 - 40 Perce
- Hond_northcoast_b
Red
- Fonseca_manglare:
Purple
- Ahuachapan.shp
Yellow
- C_amer_tm.sid





11/16/2000

Río Siquia en Salto Grande



Río Mico en Muelle de los Buelles



Río Escondido en Rama II

USGS HURRICANE MITCH PROGRAM - STUDY AREAS









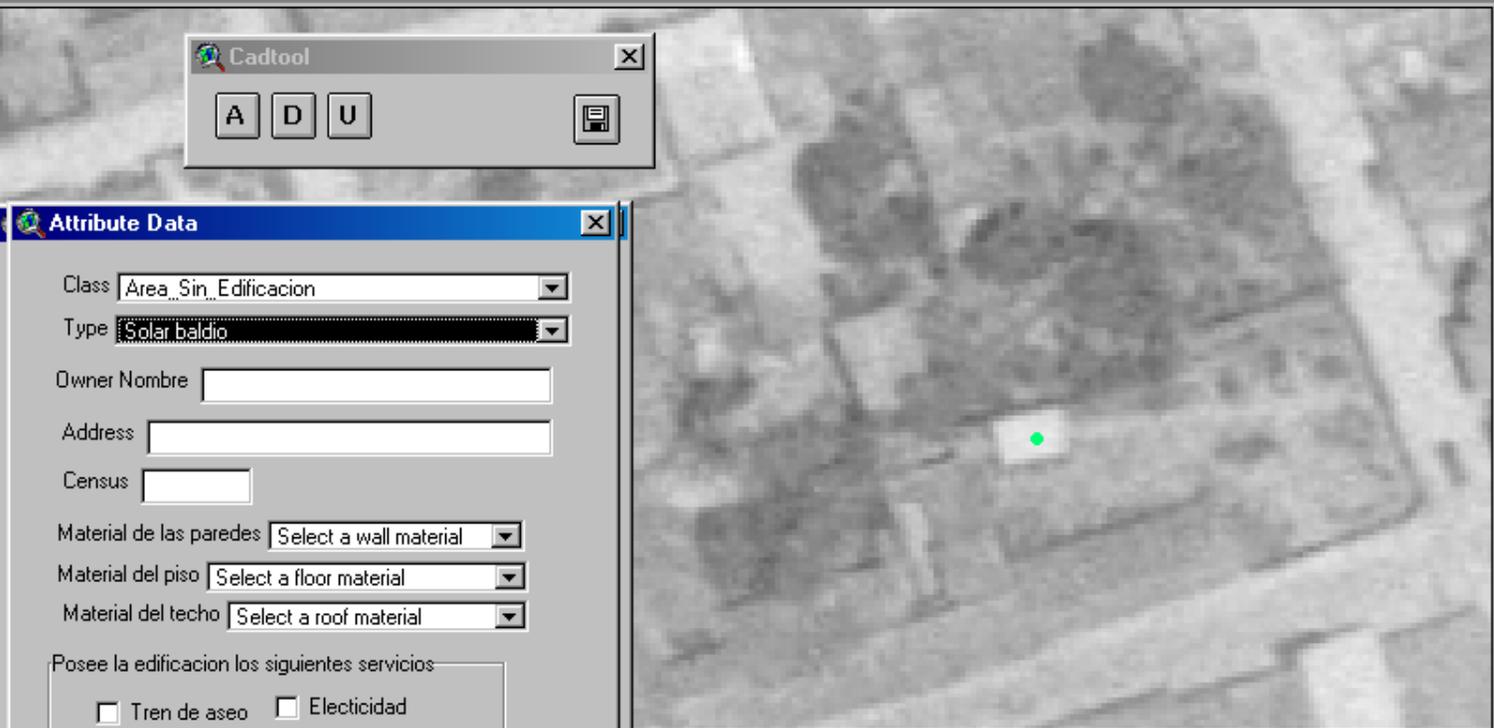
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-86.67
14.55

Cad.shp

- Adobe
- Asbesto
- Bahareque
- Ladrillo piedra o bloq
- Madera
- Select a wall materia

Fotografia_aerea.tif



Cadtool

A D U

Attribute Data

Class: Area_Sin_Edificacion

Type: Solar baldio

Owner Nombre:

Address:

Census:

Material de las paredes: Select a wall material

Material del piso: Select a floor material

Material del techo: Select a roof material

Posee la edificacion los siguientes servicios:

Tren de aseo Electricidad

Agua Alcantrillado

Comments:

DONE DELETE CANCEL

Attributes of Cad.shp

ser_2	ser_3	ser_4	Comment
0	0	1	
1	1	1	
0	0	0	
0	0	1	
0	0	0	
1	1	1	
0	0	0	
0	0	0	
0	0	0	
0	0	0	

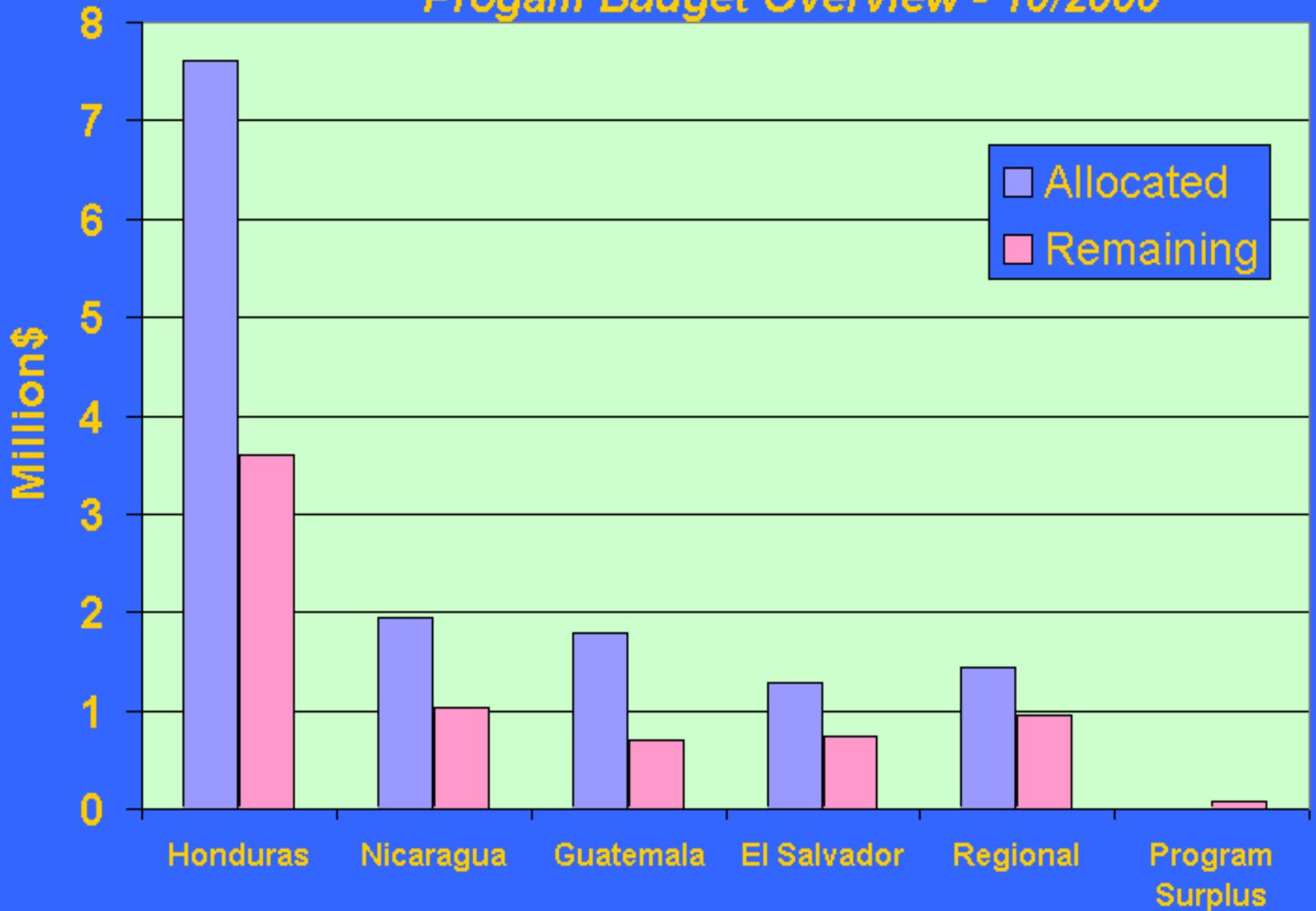
	mat_roof	mat_walls	class
Select a roof material	Adobe		Vivienda_Particular
Zinc	Madera		Comercial
Abesto	Adobe		Comercial
Teja	Ladrillo piedra o bloque		Area_Sin_Edificacion







Program Budget Overview - 10/2000



Home Stretch - Pick your Slogan

- **Stay the course - George Bush, Sr.**
- **Bringing it all back home - Gerry Rafferty**
- **Fasten your seatbelts, place your seatbacks in their fully upright and locked position, and prepare for landing - American Airlines**

Lookin' Good - Keep it up

- **When the going gets tough, the tough get going - My high-school football coach**
- **The going may be tough, but we'll get it in the end - George Arollo's mule**
- **The ka-ka is poised and the fan is spinning - John Walkey**