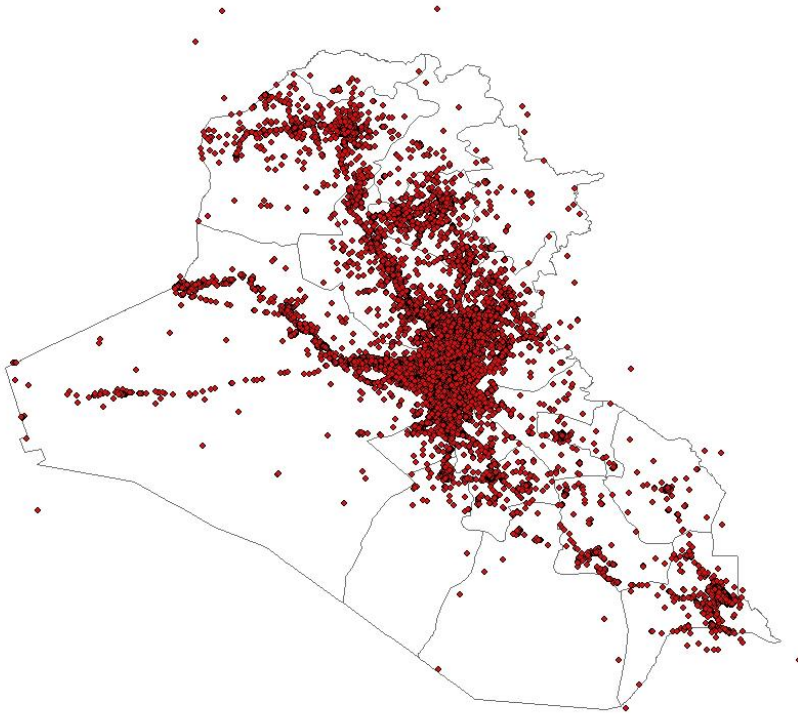


Mapping the rise and fall of social order in post-Saddam Iraq



David Siddhartha Patel
Department of Government
Cornell University

10 November 2010

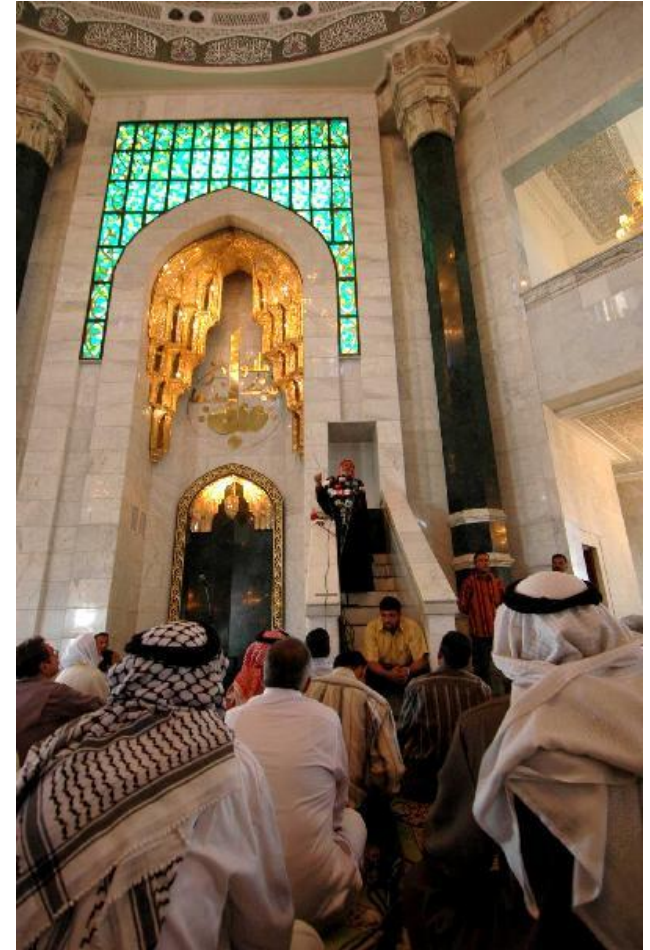
Amidst the breakdown of central authority, why did some localities collectively provide public goods, while others did not?



Hiyaniyah, Basra, 2003. Photos: David Patel

Friday sermons and common knowledge

“I know that you know that I know that you know...”



Basra, Iraq



Imagery Date: Feb 27, 2002

Map Data © 2010 AND
Image © 2010 DigitalGlobe
© 2010 Europa Technologies
© 2010 Google
lat 30.509021° lon 47.810191° elev 10 ft

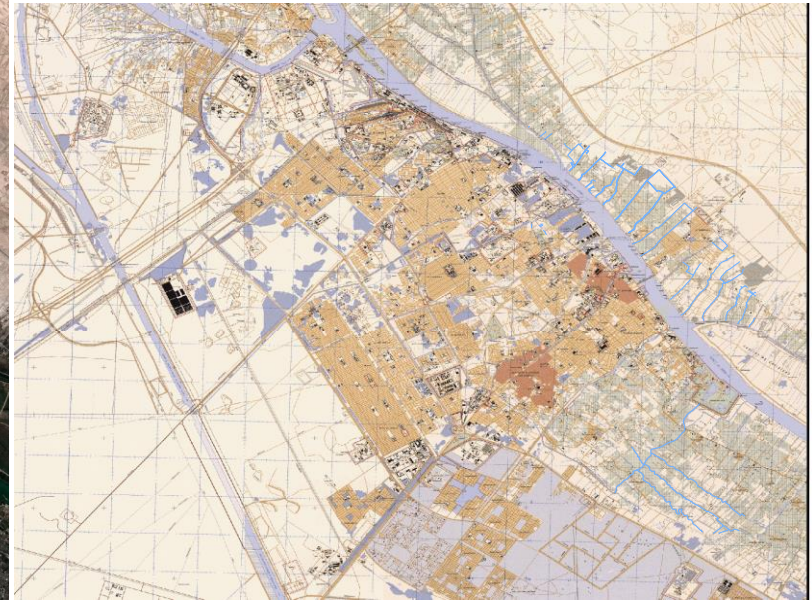
© 2010 Google

Eye alt 46488 ft

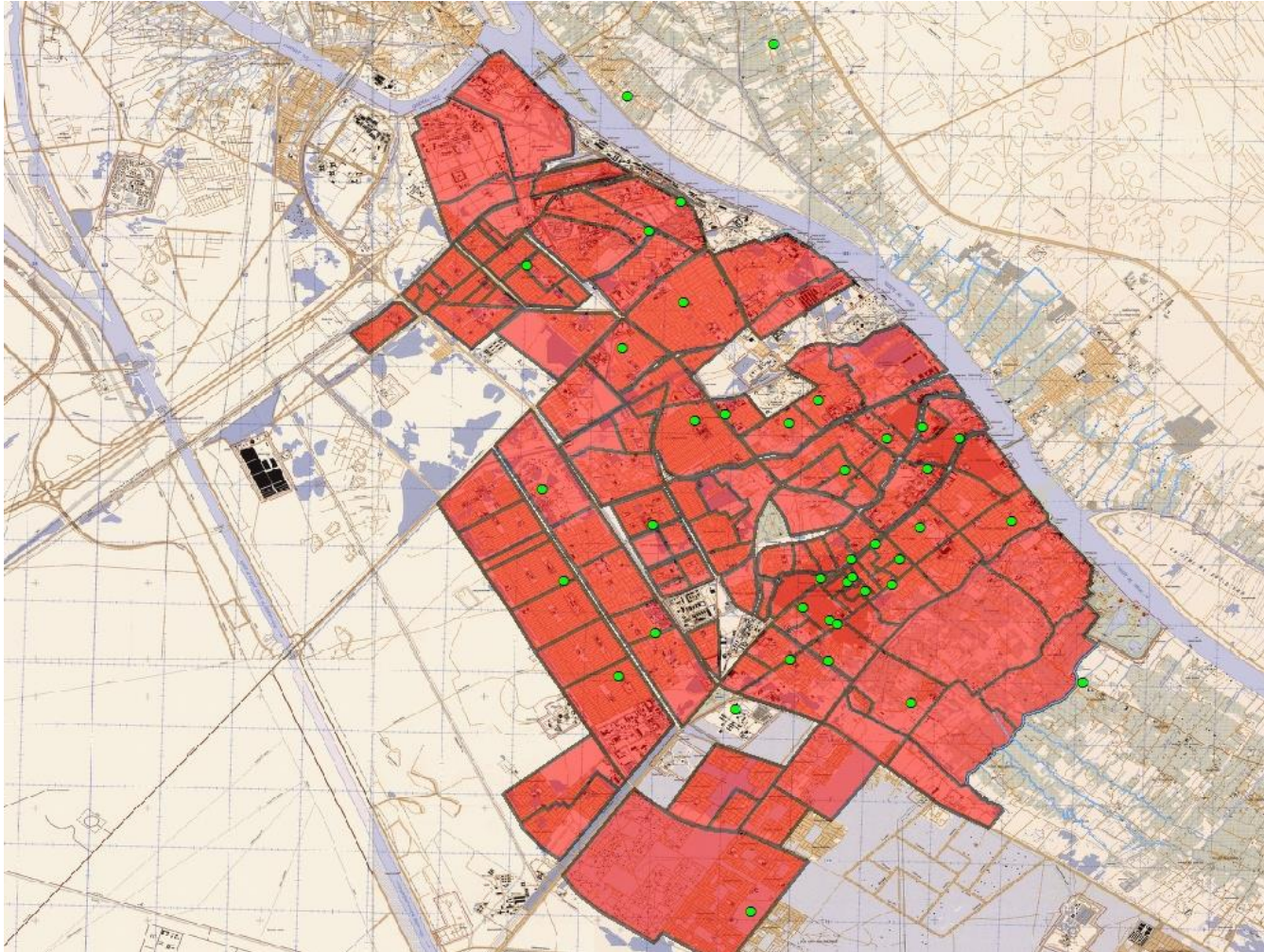
Al-Asmai neighborhood



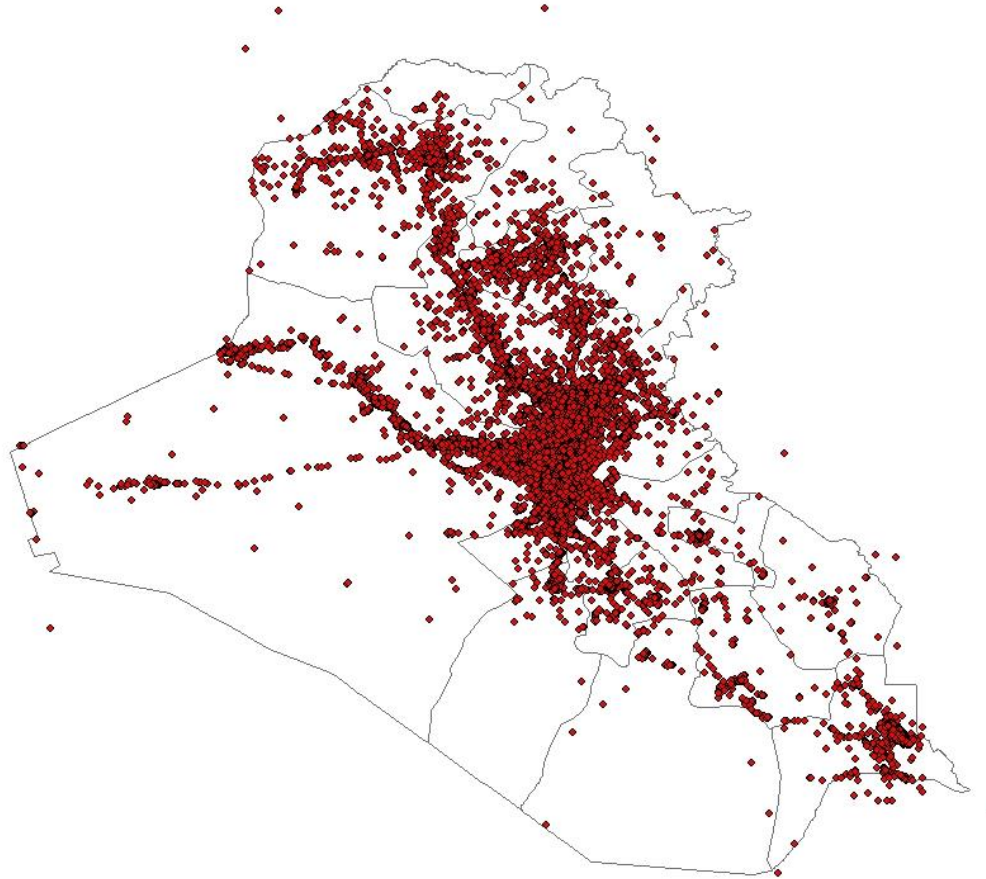
Using GIS to test observable implications of my theory



Local councils & mosques in Basra



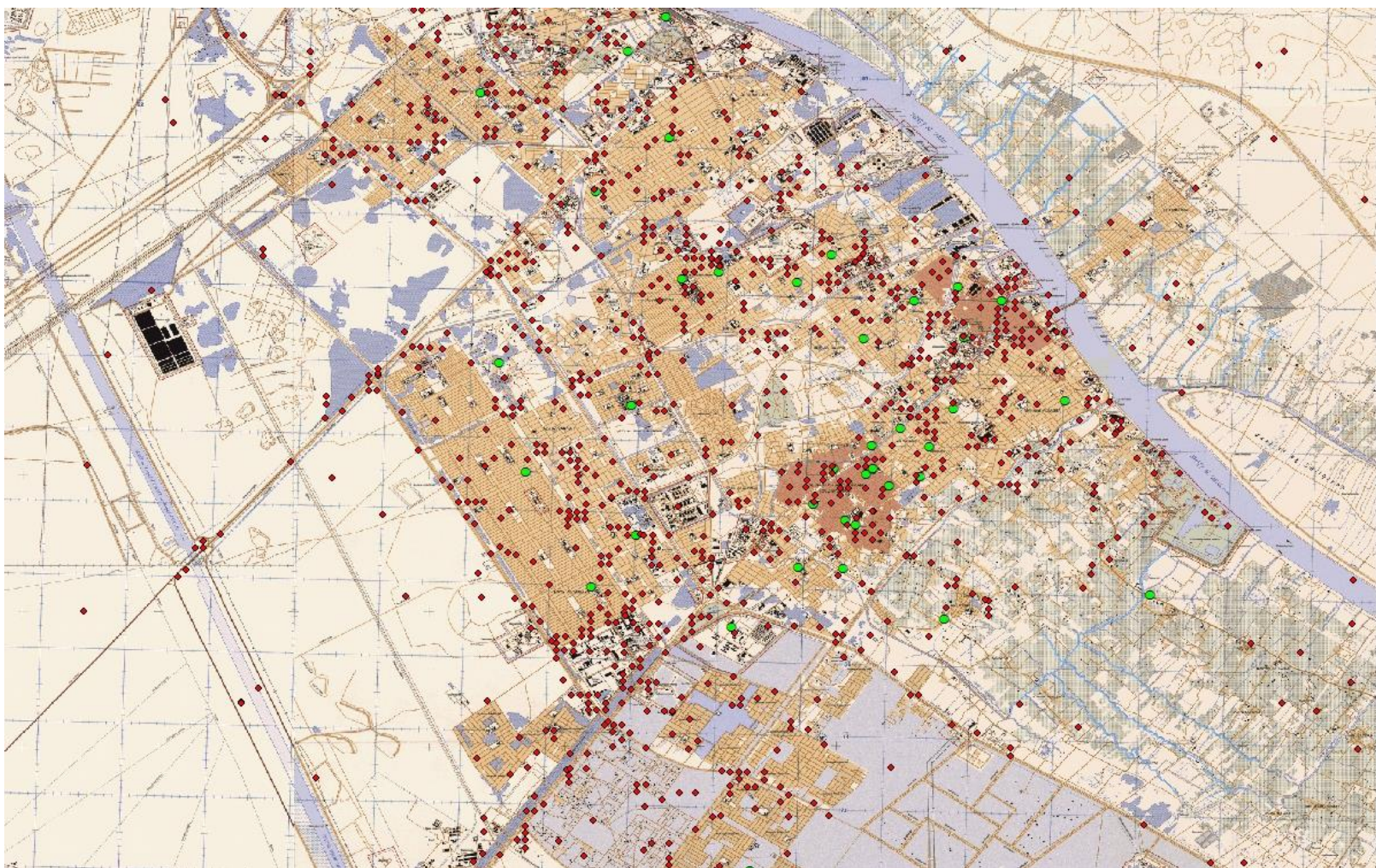
SIGACTs via Wikileaks



Some SIGACTs

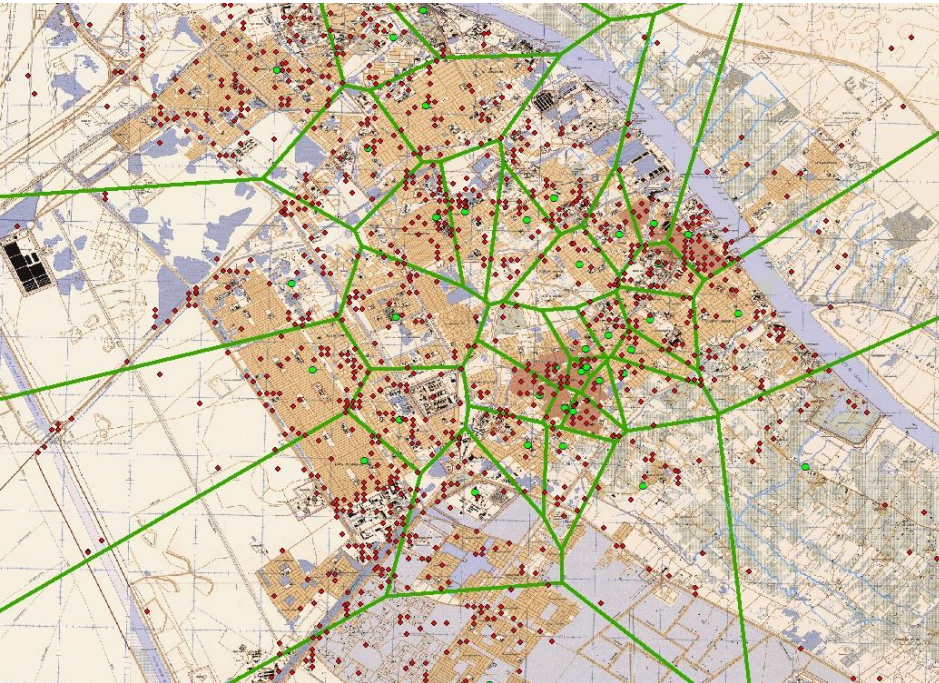
26/01/2007 22:05	Criminal Event	Murder	(CRIMINAL EVENT) MURDER RPT BY NOT PROVIDED : 1 CIV WIA 1 CIV KIA	ENEMY
26/01/2007 22:15	Criminal Event	Murder	(CRIMINAL EVENT) MURDER(Small Arms) RPT BY NOT PROVIDED IVO AMIN AFAM	ENEMY
26/01/2007 22:30	Criminal Event	Murder	(CRIMINAL EVENT) MURDER(Small Arms) RPT BY NOT PROVIDED IVO AMIN AFAM	ENEMY
26/01/2007 23:00	Enemy Action	Indirect Fire	INDIRECT FIRE(Mortar) ON 3/5/6IA IVO BAGHDAD (ZONE 28): 7 CIV WIA 1 CIV KIA	ENEMY
26/01/2007 23:50	Explosive Hazard	IED Explosion	IED EXPLOSION(IED) ATTK ON 130TH EN BN (CIC II) IVO BAGHDAD (ZONE 20): 1 AIF KIA	ENEMY
27/01/2007 01:00	Enemy Action	Ambush	AMBUSH(Small Arms) ON 2/4 IVO AR RAMADI: 1 CF KIA	ENEMY
27/01/2007 02:36	Enemy Action	Direct Fire	DIRECT FIRE(Small Arms) ON 130TH (CIC 2) IVO BAGHDAD (ZONE 20): 1 AIF KIA	ENEMY
27/01/2007 02:52	Friendly Action	Small Unit Action	SMALL UNIT ACTIONS BY 3-8 CAV IVO (ROUTE TAMPA): 1 AIF KIA	FRIEND
27/01/2007 03:36	Explosive Hazard	IED Explosion	IED EXPLOSION(IED) ATTK ON 1-7 CAV IVO AT TAJI: 3 AIF KIA	ENEMY
27/01/2007 04:22	Friendly Action	Small Unit Action	SMALL UNIT ACTIONS BY 5-73 : 2 AIF KIA	FRIEND
27/01/2007 05:00	Friendly Action	Small Unit Action	SMALL UNIT ACTIONS BY 25 CAB IVO (ROUTE): 2 AIF KIA	FRIEND
27/01/2007 06:00	Enemy Action	Direct Fire	DIRECT FIRE(Small Arms) ON 2-7 CAV IVO MOSUL: 1 CIV KIA	ENEMY
27/01/2007 07:45	Explosive Hazard	IED Explosion	IED EXPLOSION(VBIED) ATTK ON CIVILIAN IVO KIRKUK (ROUTE): 2 AIF KIA	ENEMY
27/01/2007 09:00	Criminal Event	Murder	(CRIMINAL EVENT) MURDER(Small Arms) RPT BY NOT PROVIDED IVO BAGHDAD (ZONE 20): 1 CIV WIA 1 CIV KIA	ENEMY

SIGACTs in Basra

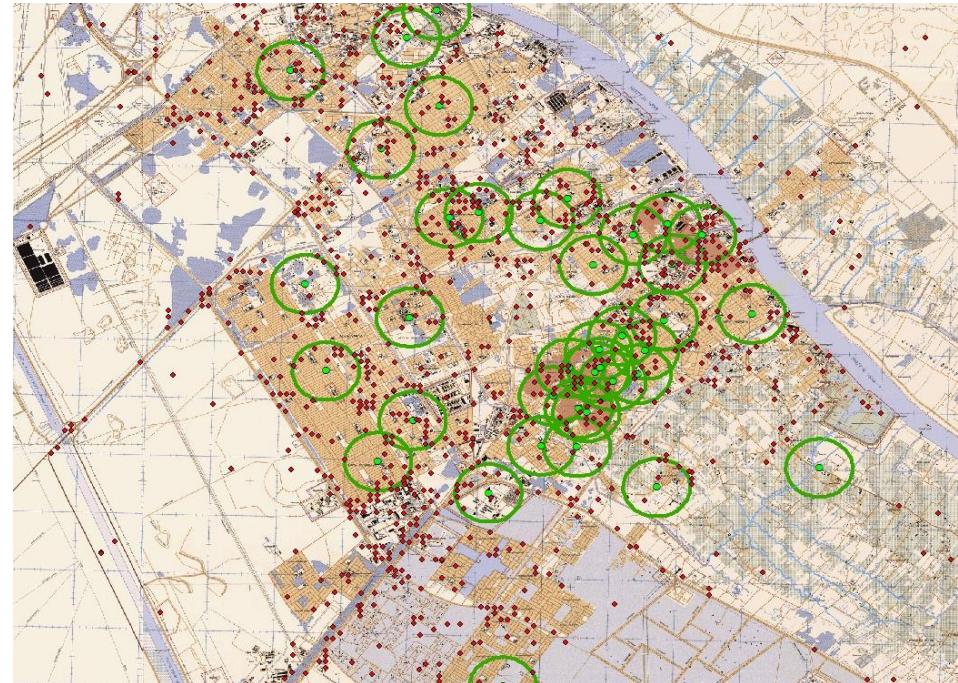


How would we know if mosques affected SIGACTs?

Thiessen polygons



Buffer (.5km)



Flying blind: USG data are bad.

