

Golden Valley Fire District Fire Station Workshop



Purpose

- Present data and options for Board and community
- Illustrate current and proposed fire station coverage
- Consider financial implications for the Fire District
- Consider financial implications for our citizens
- Develop questions and answers for stakeholders
- Present hard and soft historical data to base decisions on
- Demonstrate how capabilities correlate directly to saving lives, property conservation and reduced economic losses
- Illustrate how efficiency and safety increased with reduced response time and shorter distances.
- NOTE: *All the data presented is an estimate with reasonable margins for error. Due to the amount of data collected from the County website wherein errors are visible, but out of our control, the District assumes no liability for such errors. There are instances of overlaps in District "First-Due" coverage areas since a generic 5-mile radius is utilized*

Purpose

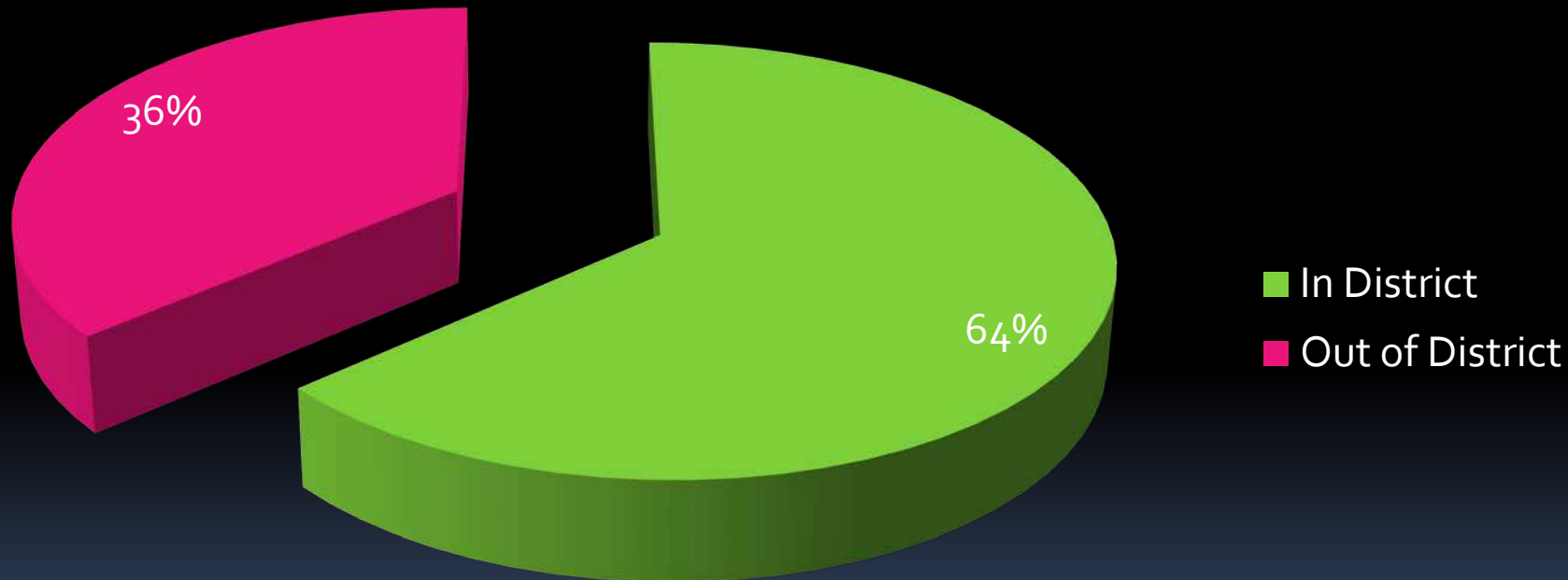
- Discussion of the OSHA “2-in/2-out” regulations
 - *When Firefighters are **NOT** allowed to go inside your burning home!*
- NFPA Standard of 15 Firefighters at every house fire
- Discussion of the Dynamics of Fire Growth
- Discuss the Significance of:
 - *4-Minute BLS response*
 - *8-Minute ALS Response*
- Review the Time-Temperature curve
- Review survival rate studies

Considerations

- Preparing for the future growth
- Uncovered District areas (Show percentage)
- Covered areas (show percentage)
- Taxes
- *The community pays either way:*
 - Through lower taxes and higher insurance rates or
 - Maintaining our current income via taxes levy adjustments
 - How investing into your fire district can often save money on your homeowner and business insurance!

District coverage ~ All Stations added

Based on an estimated 220 Square Miles; 80 Square miles are uncovered



Current Stations & Administration



Golden Valley Fire District

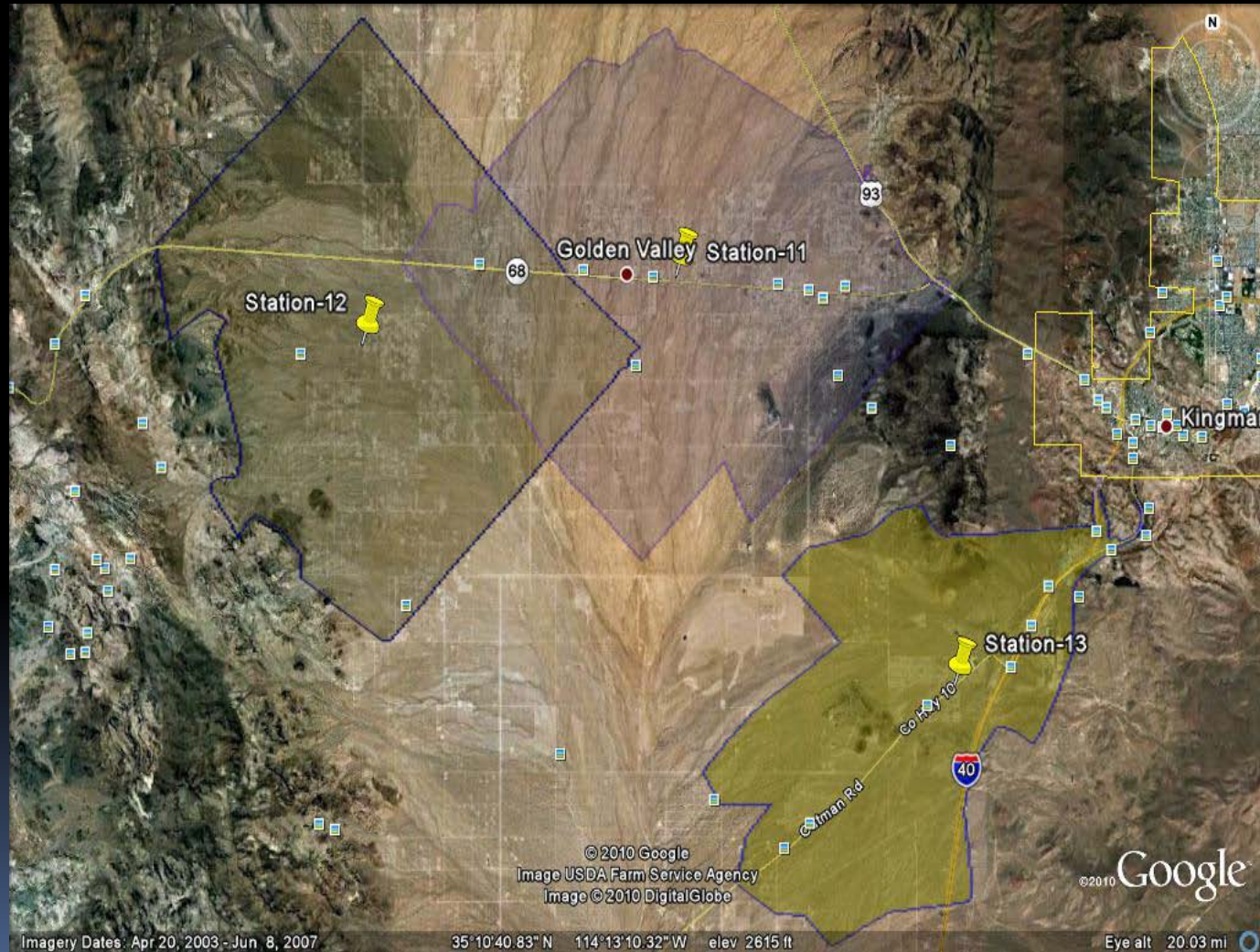
Fire Station Construction workshop

- To meet the community's *future* needs, fire stations will need to be built
- Planning to build *at the right pace* can both save tax dollars and show the District is preparing for your future needs
- *Competition is high*, and building at today's dollars saves the taxpayer thousands of on each fire station
- We are leveraging due to the economy, taking strategic advantage of the savings we can realize by building now
- Utilizing *inmate labor* pools to further save the tax dollars
- *And most importantly*: utilizing funds that have been set-aside for new construction

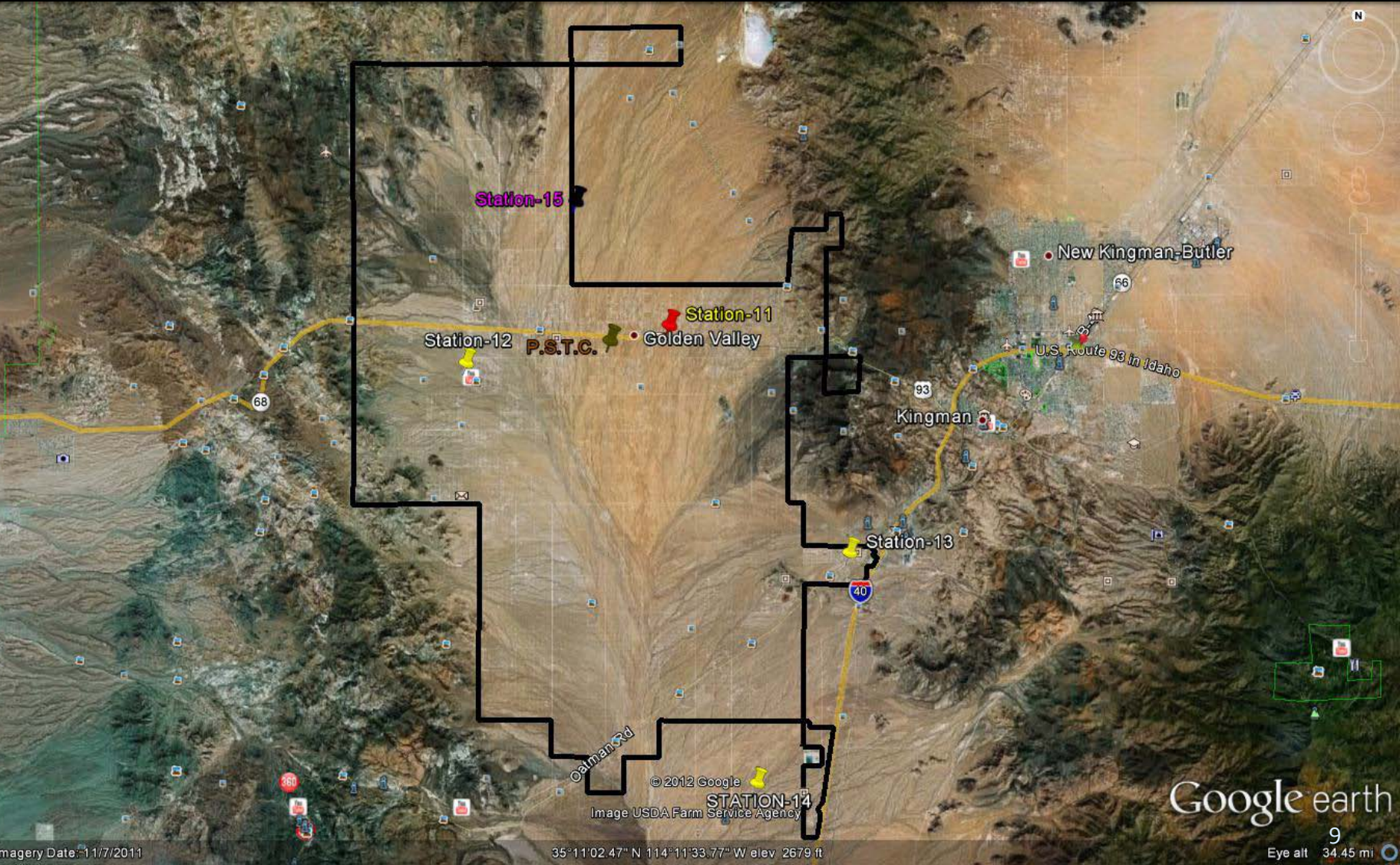
Current Station Coverage

*Current station configurations cover only part of the Fire District, leaving gaps in coverage for both 1st response fire and emergency medical units, also increasing our Protection Class Rating with a **9/5** Split-Rating for Golden Valley Fire.*

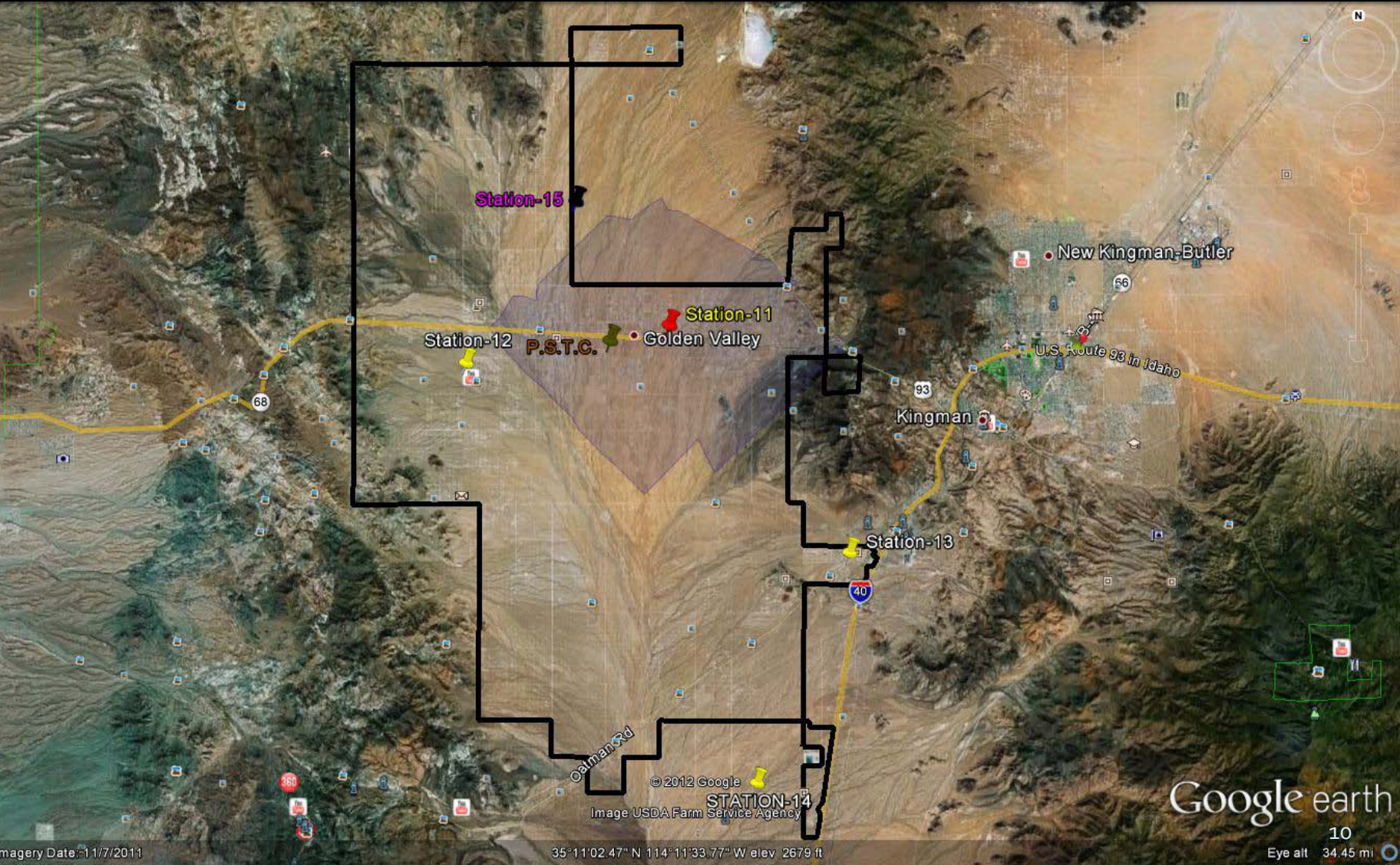
Reduced ISO rating equates to reduced insurance premiums.



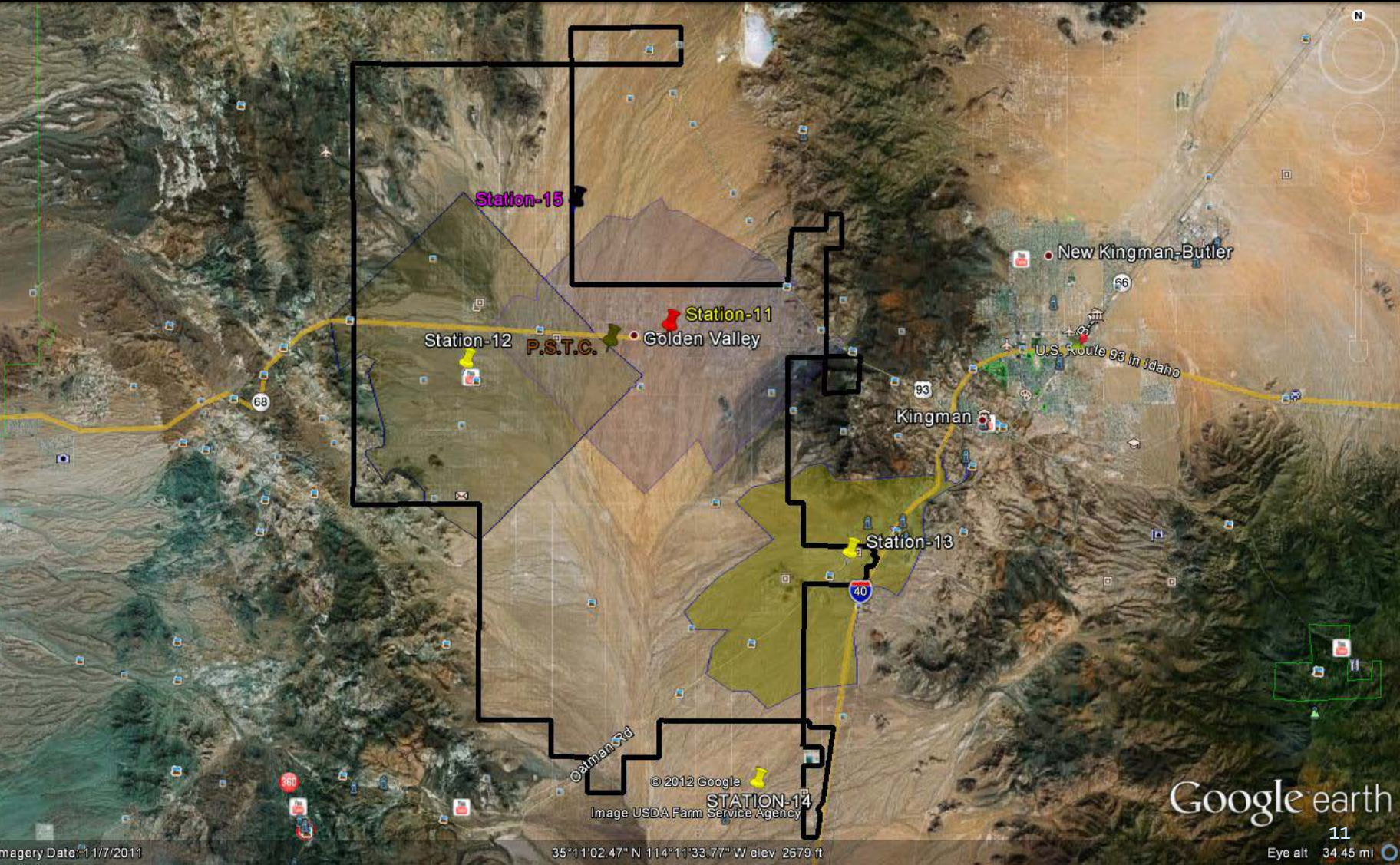
Current Fire District boundary



Current Station-11 coverage

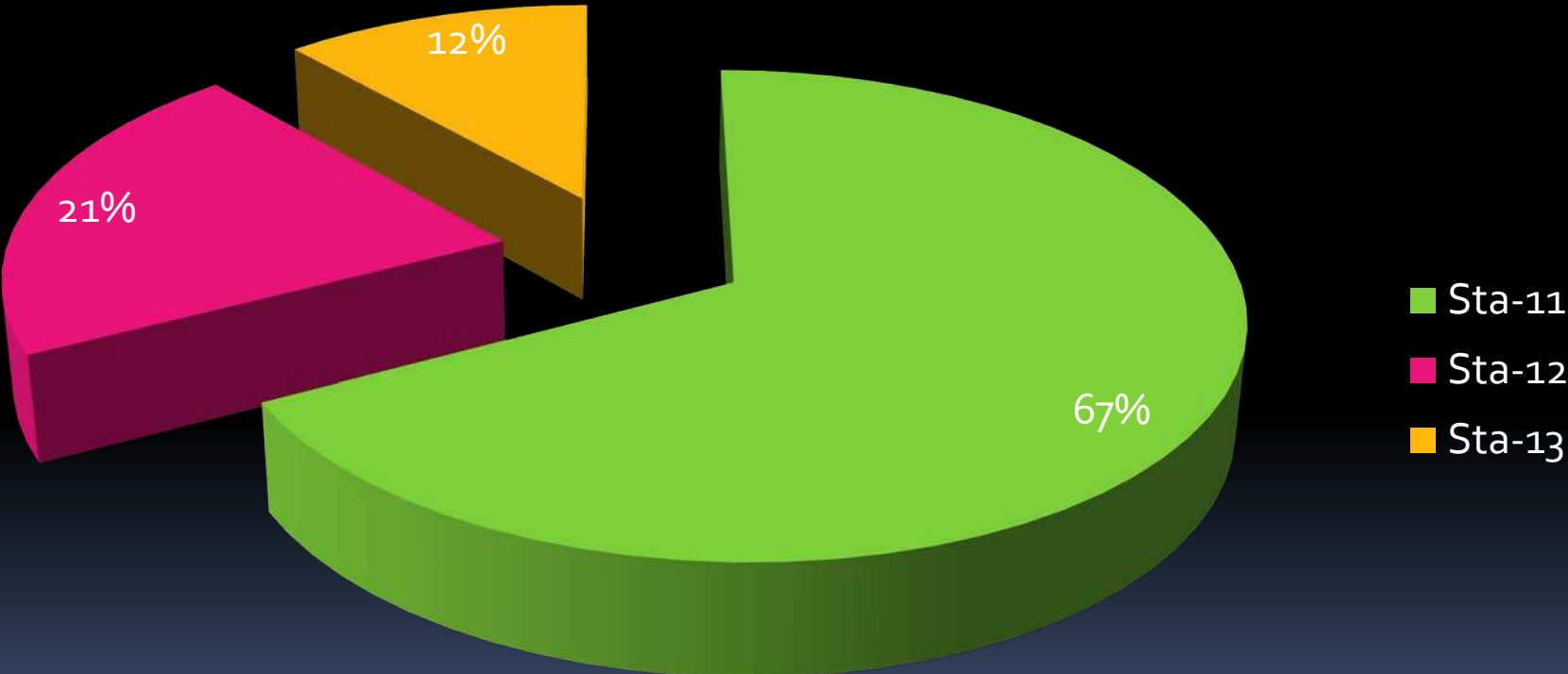


Stations 11, 12 & 13 coverage

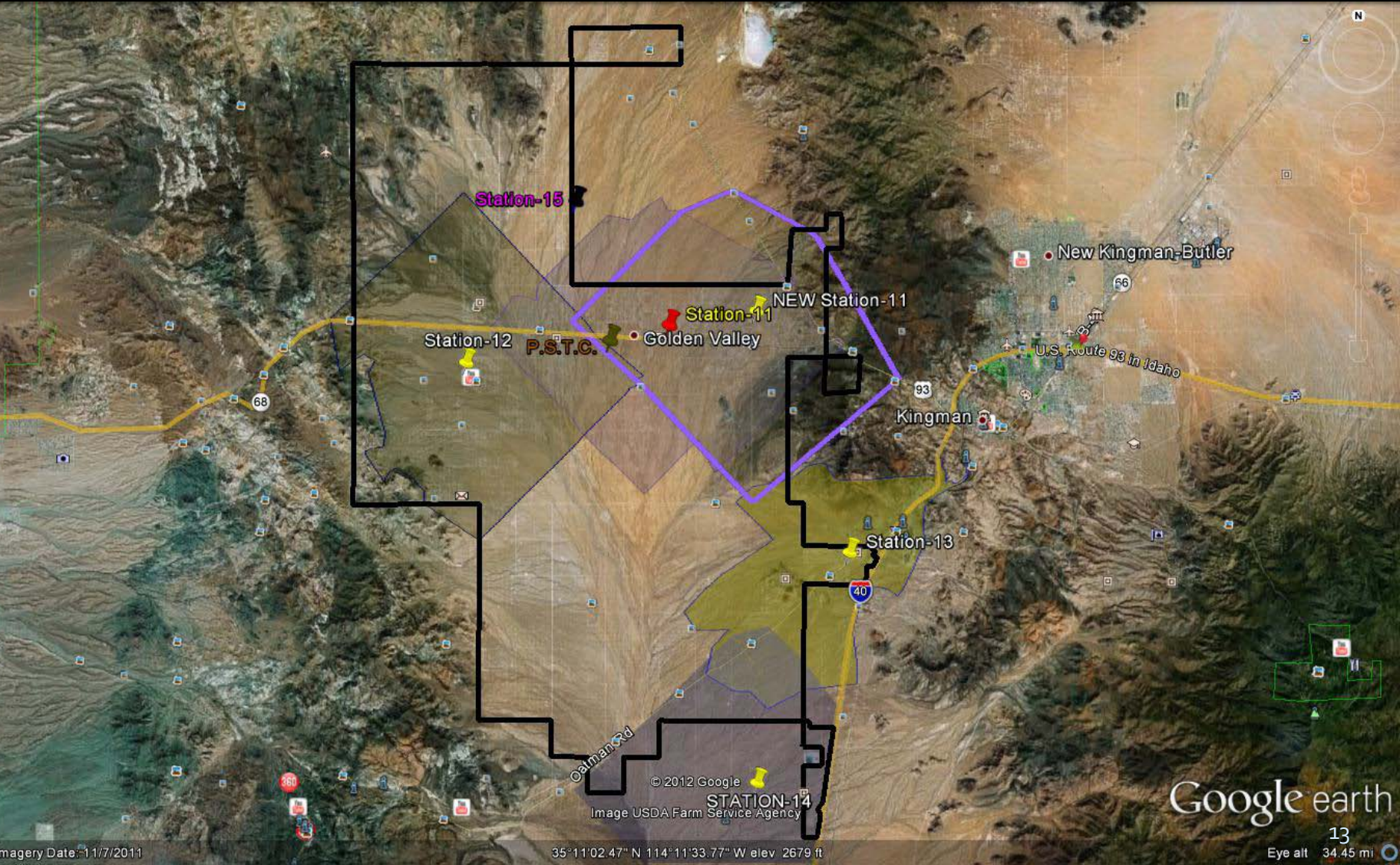


Division of incidents per station

Call Percentage Average for current three Stations

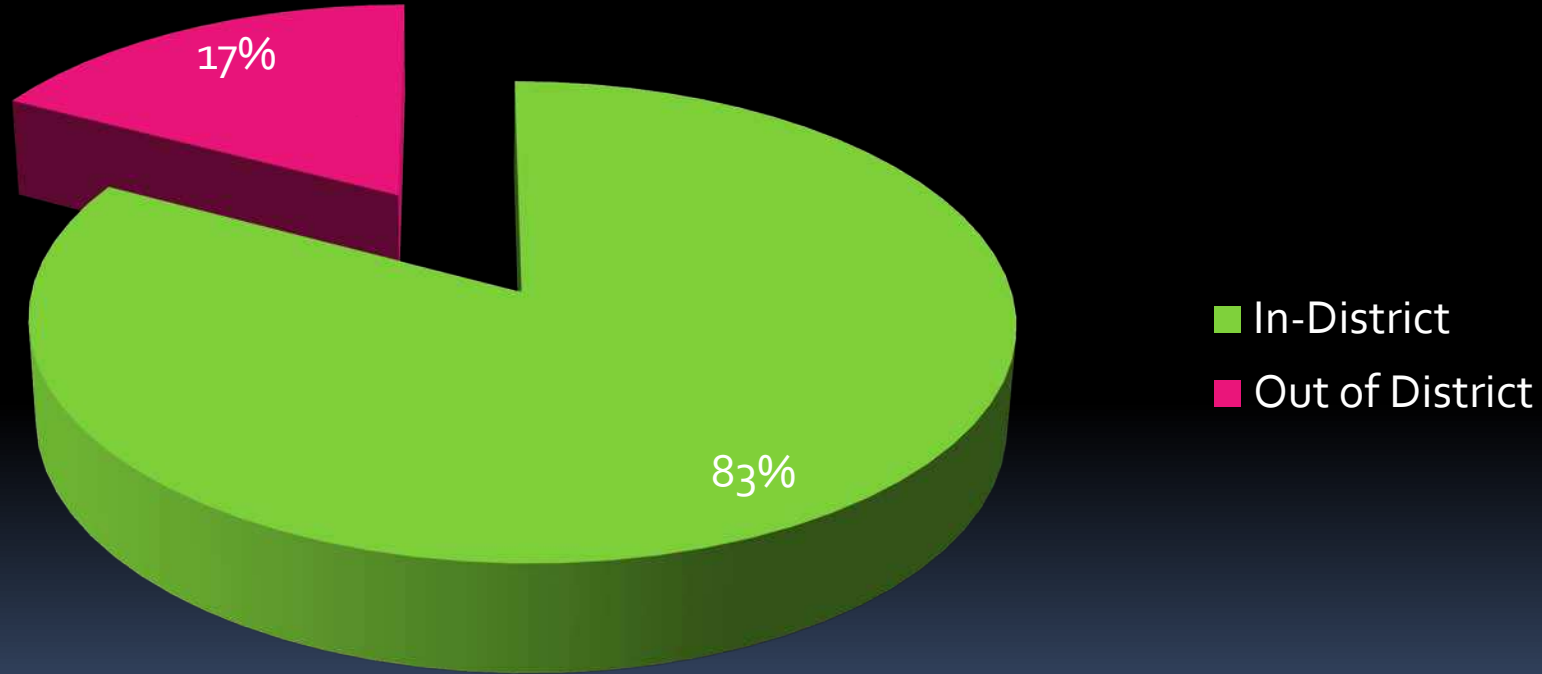


Station 11, 12, 13 14 & new Sta-11



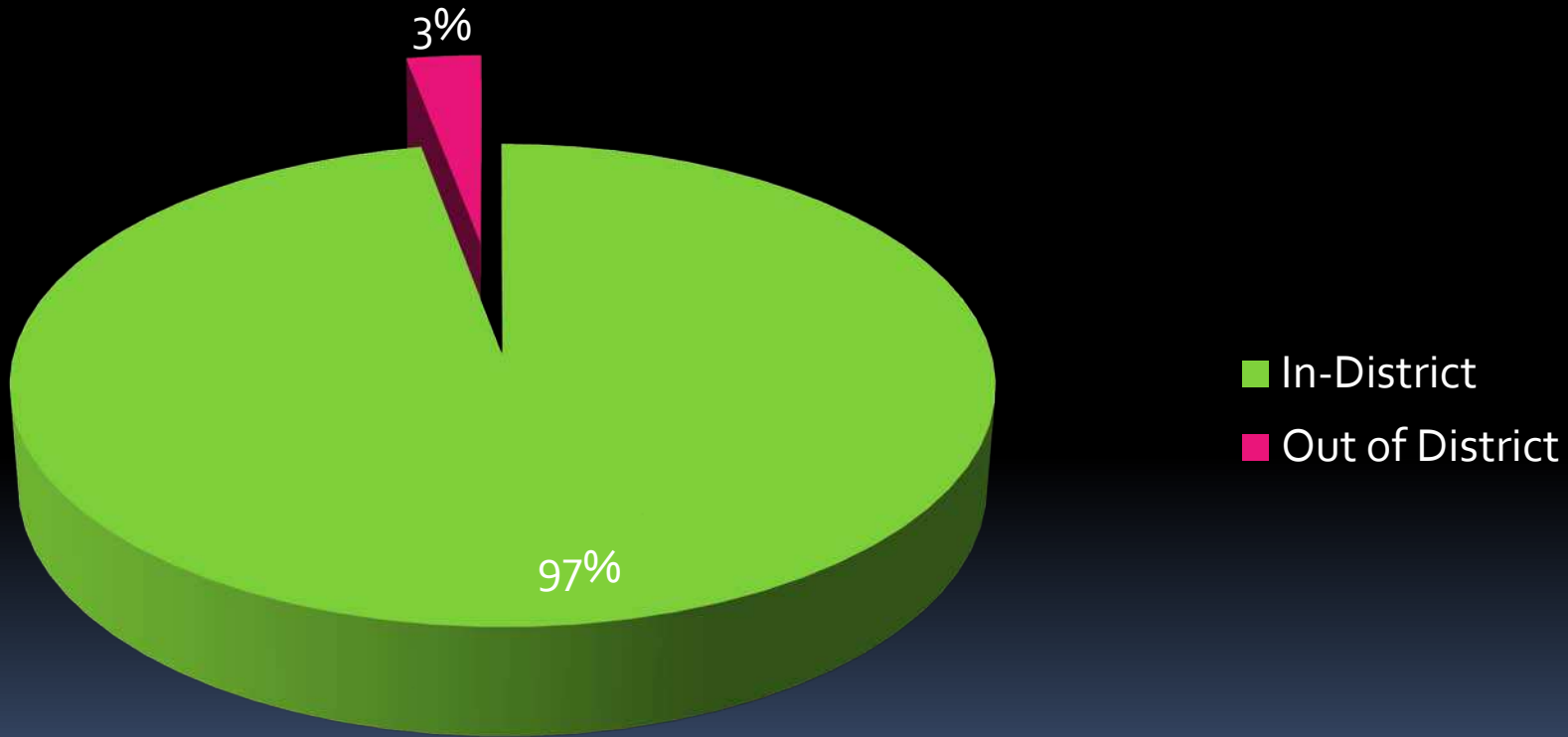
District coverage ~ Station-11

Station-11 geographic coverage



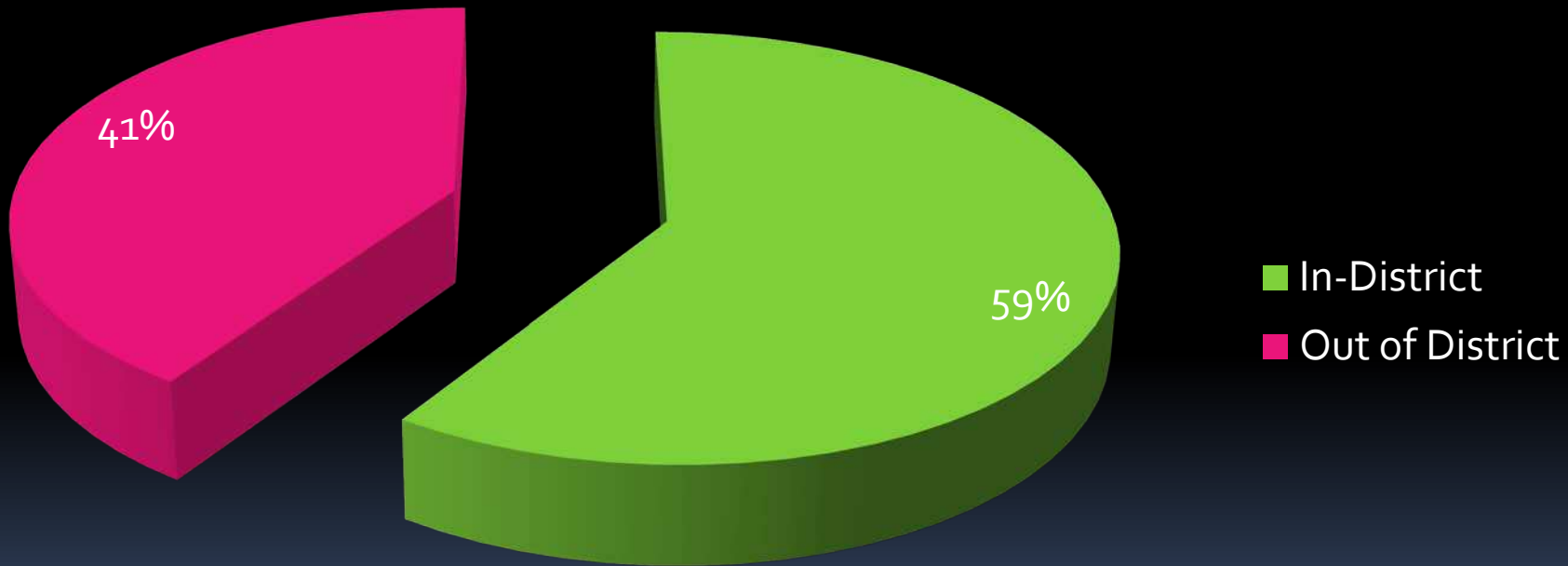
District coverage ~ Station-12

Station-12 geographic coverage

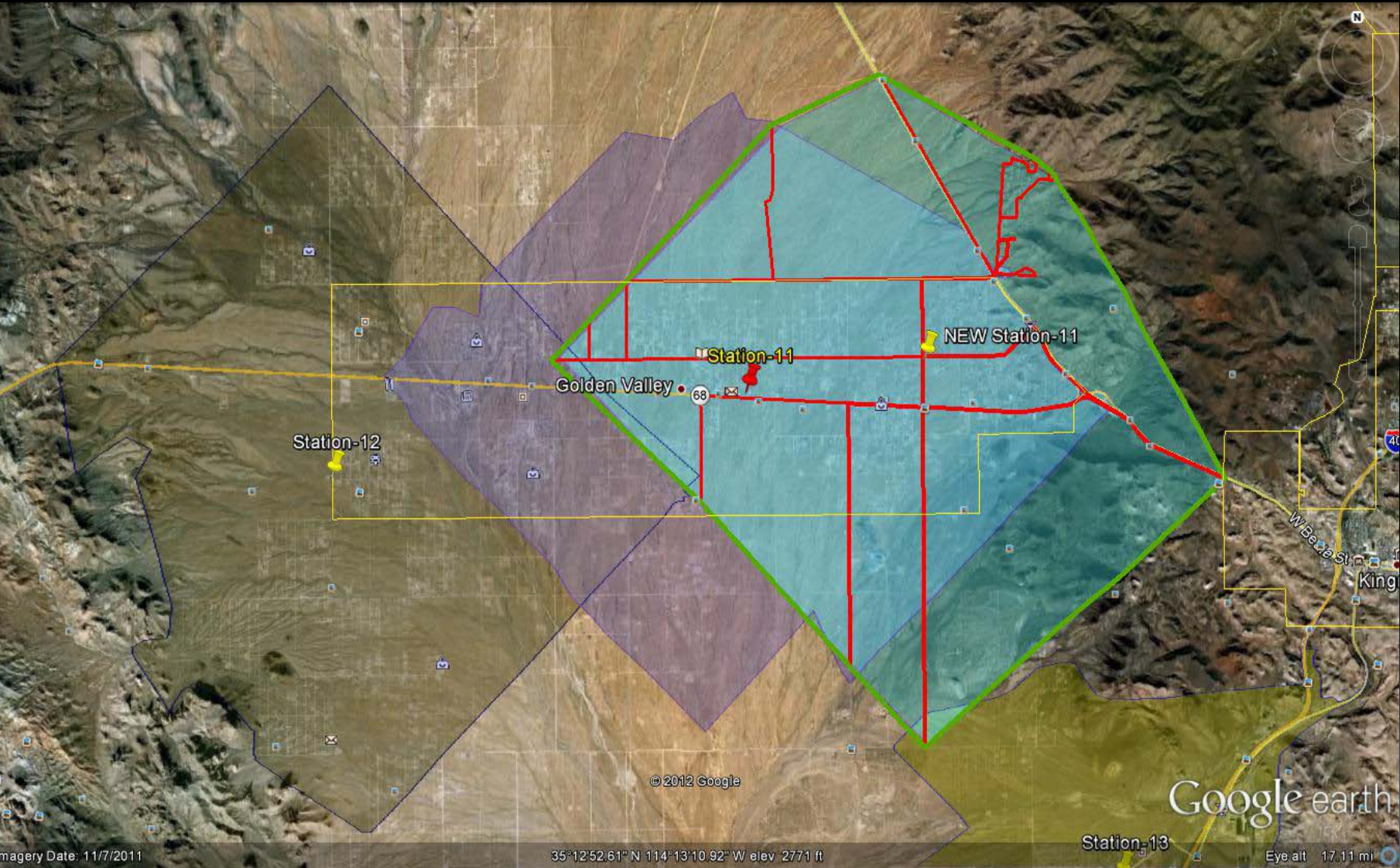


District coverage ~ Station-13

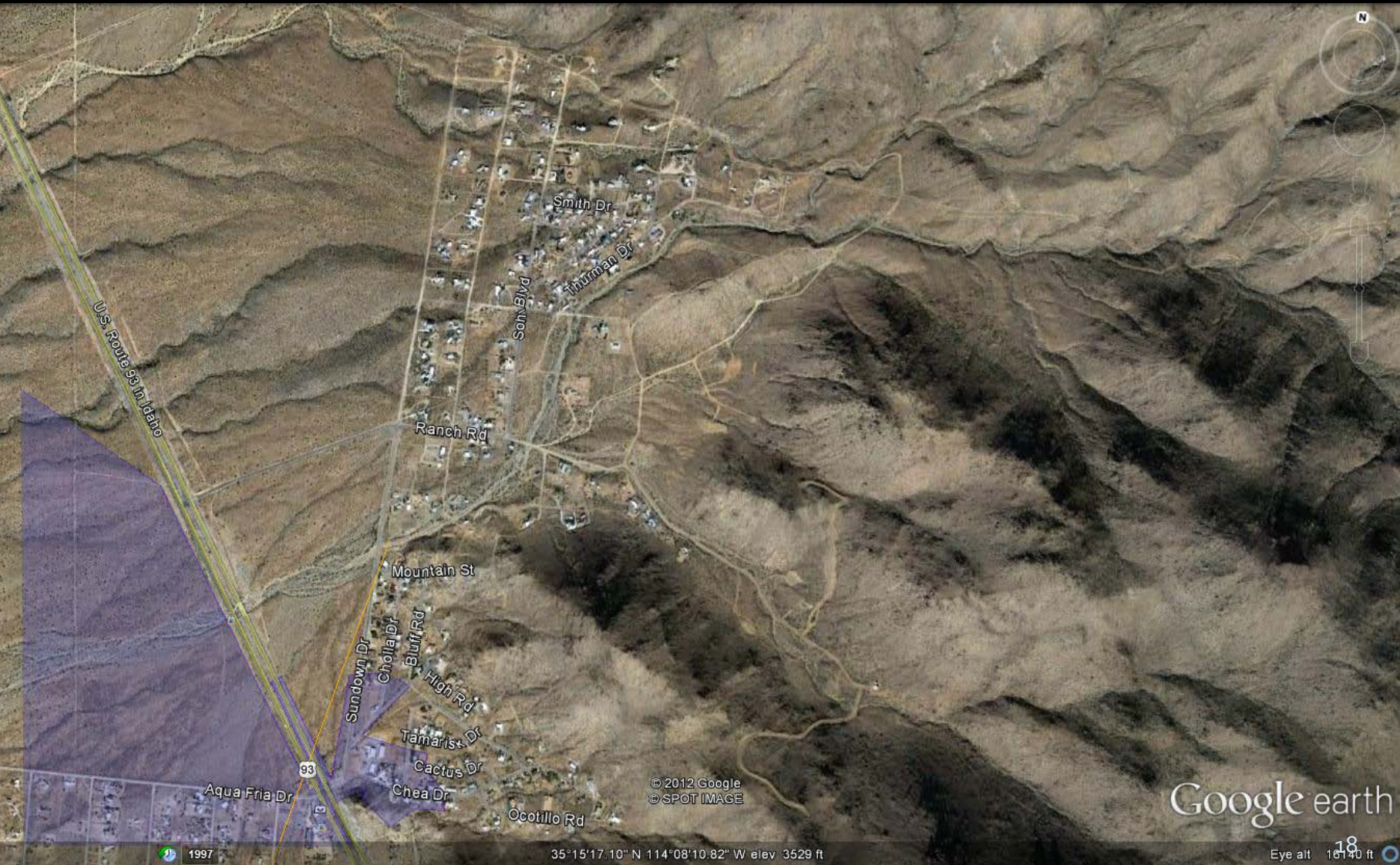
Station-13 geographic coverage



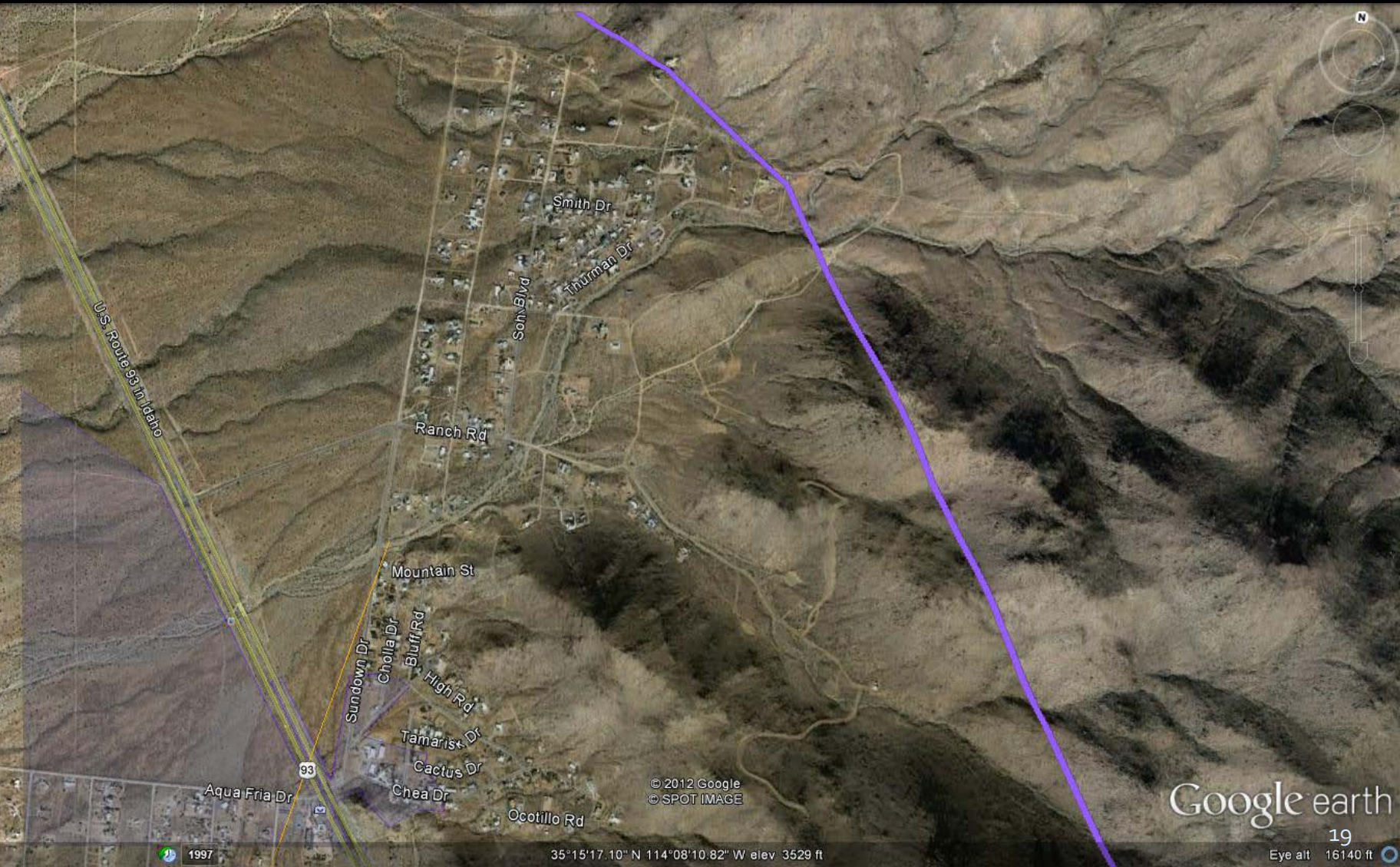
Station-11 Proposed coverage



Station-11 ~ So-Hi area detail

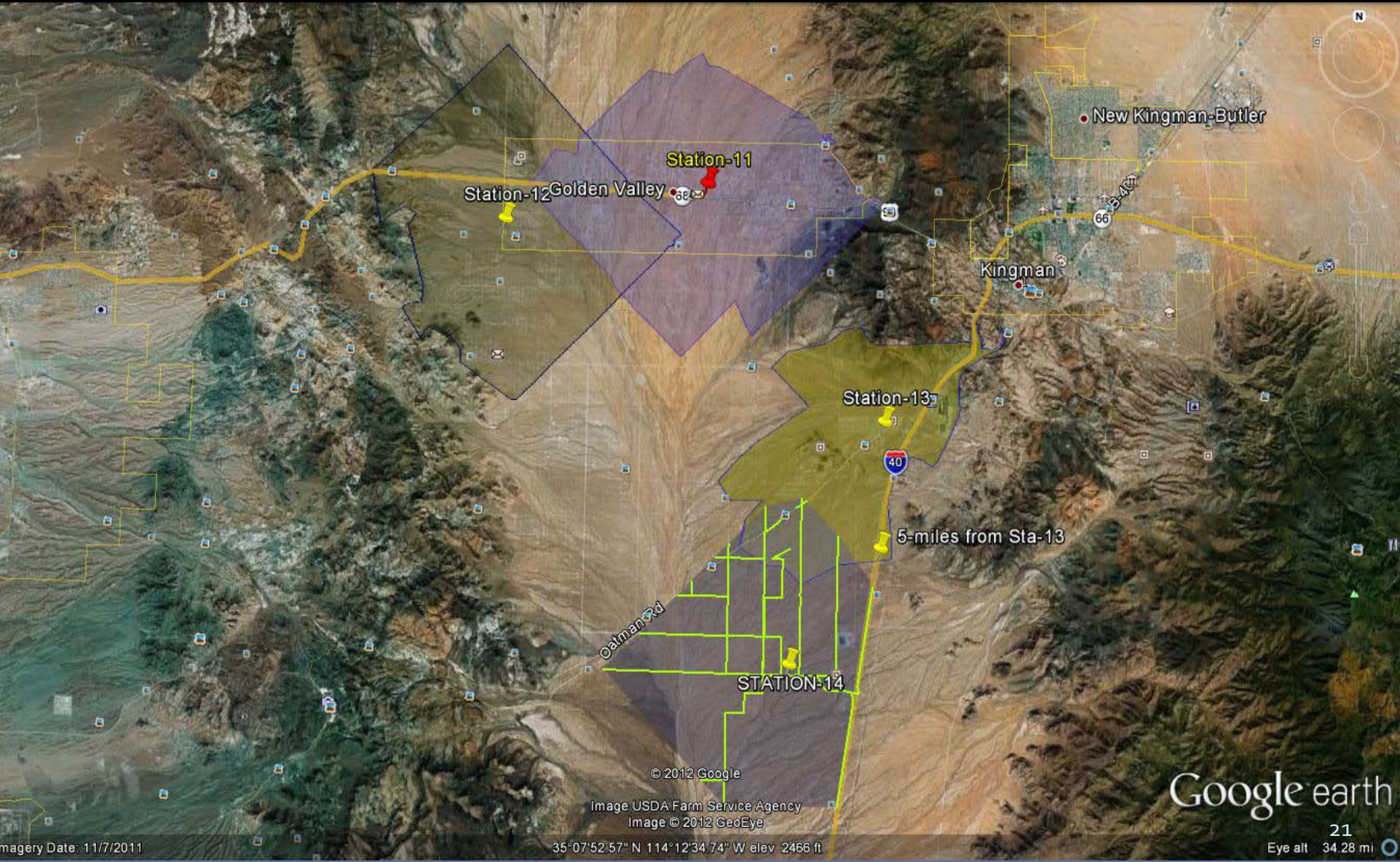


Station-11 ~ So-Hi area detail

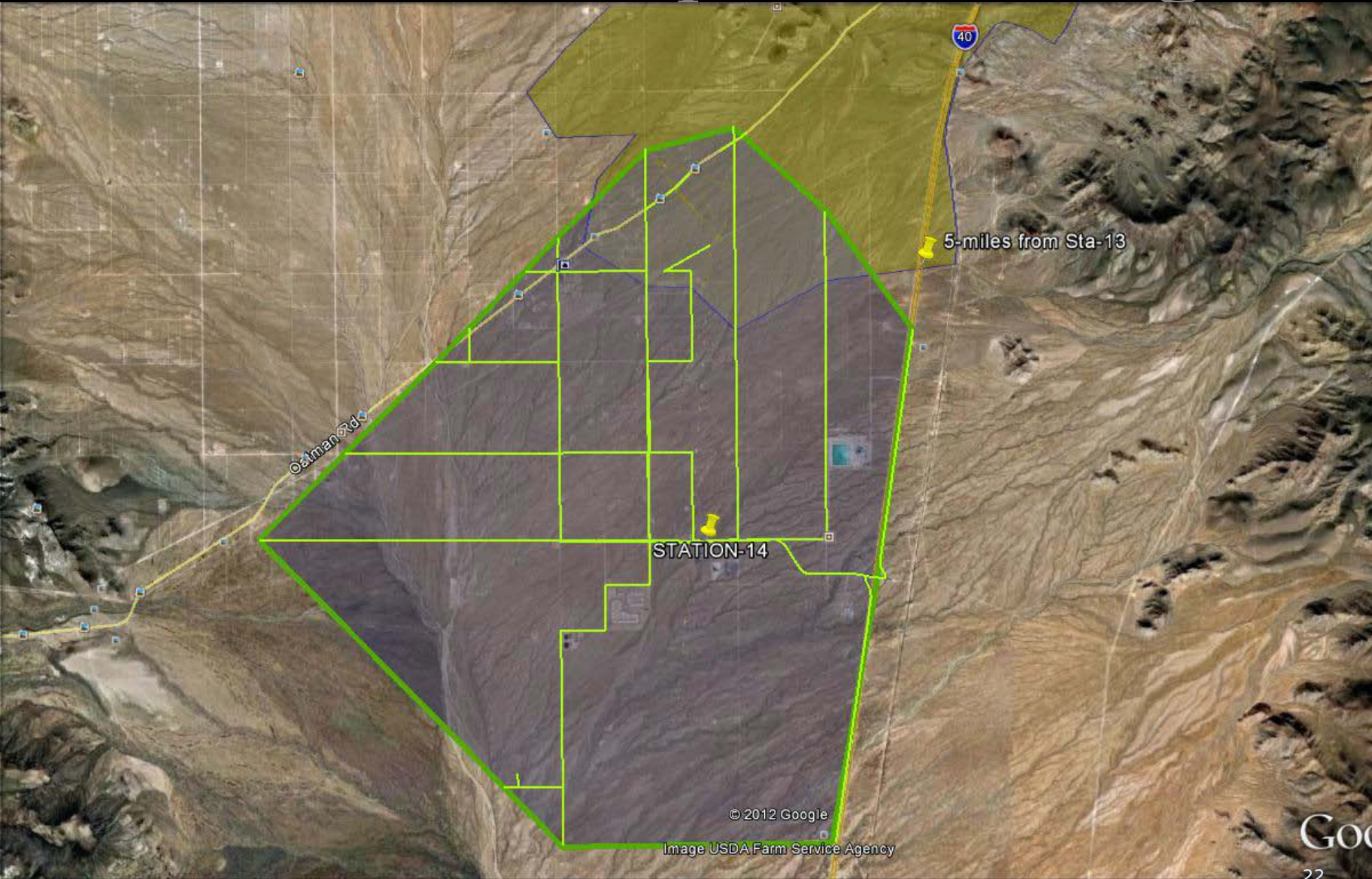




Station-14 coverage overview



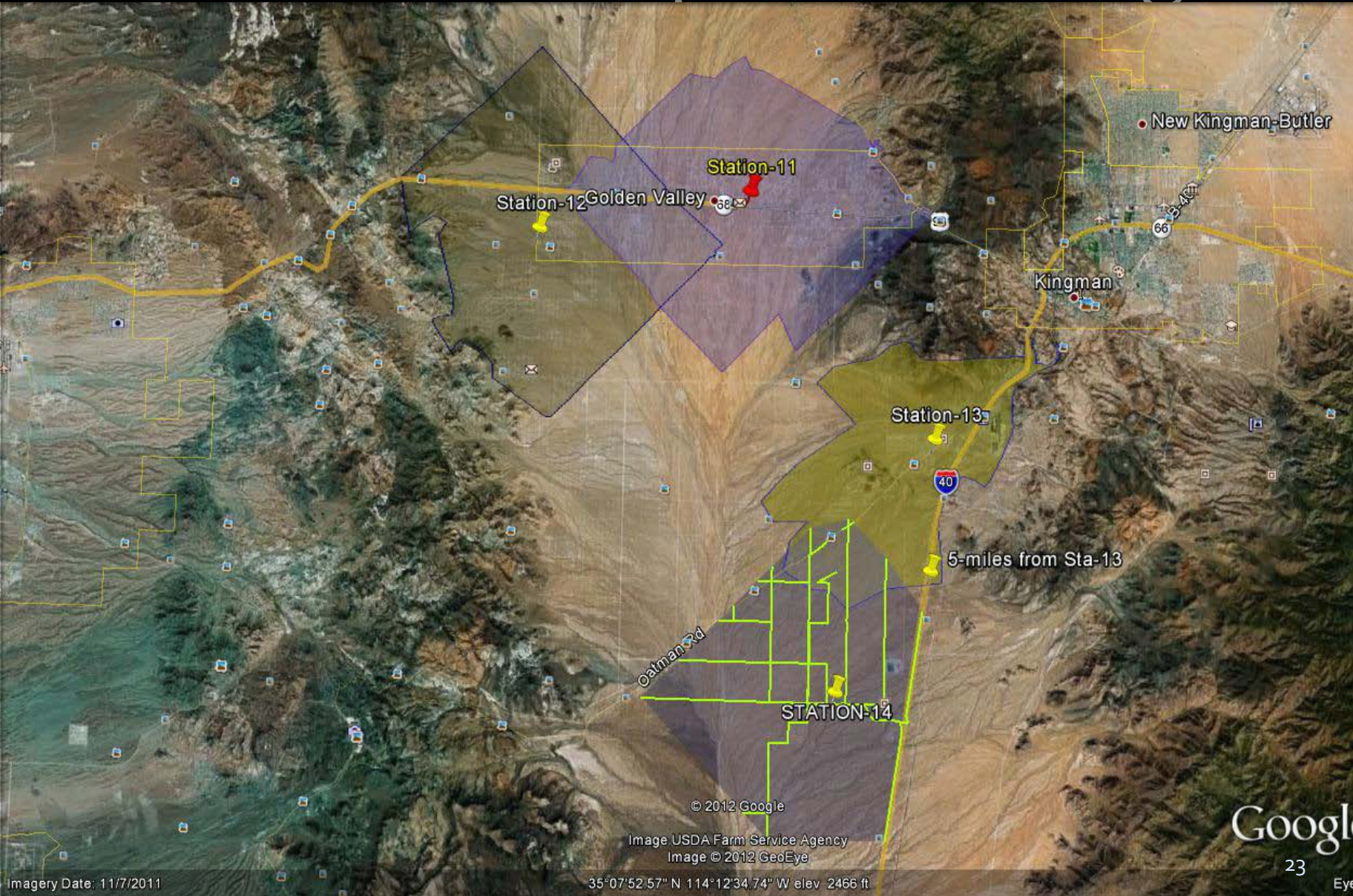
Station-14 Proposed coverage



© 2012 Google

Image USDA Farm Service Agency

Station-14 Proposed coverage



Station-14 ~ Overview



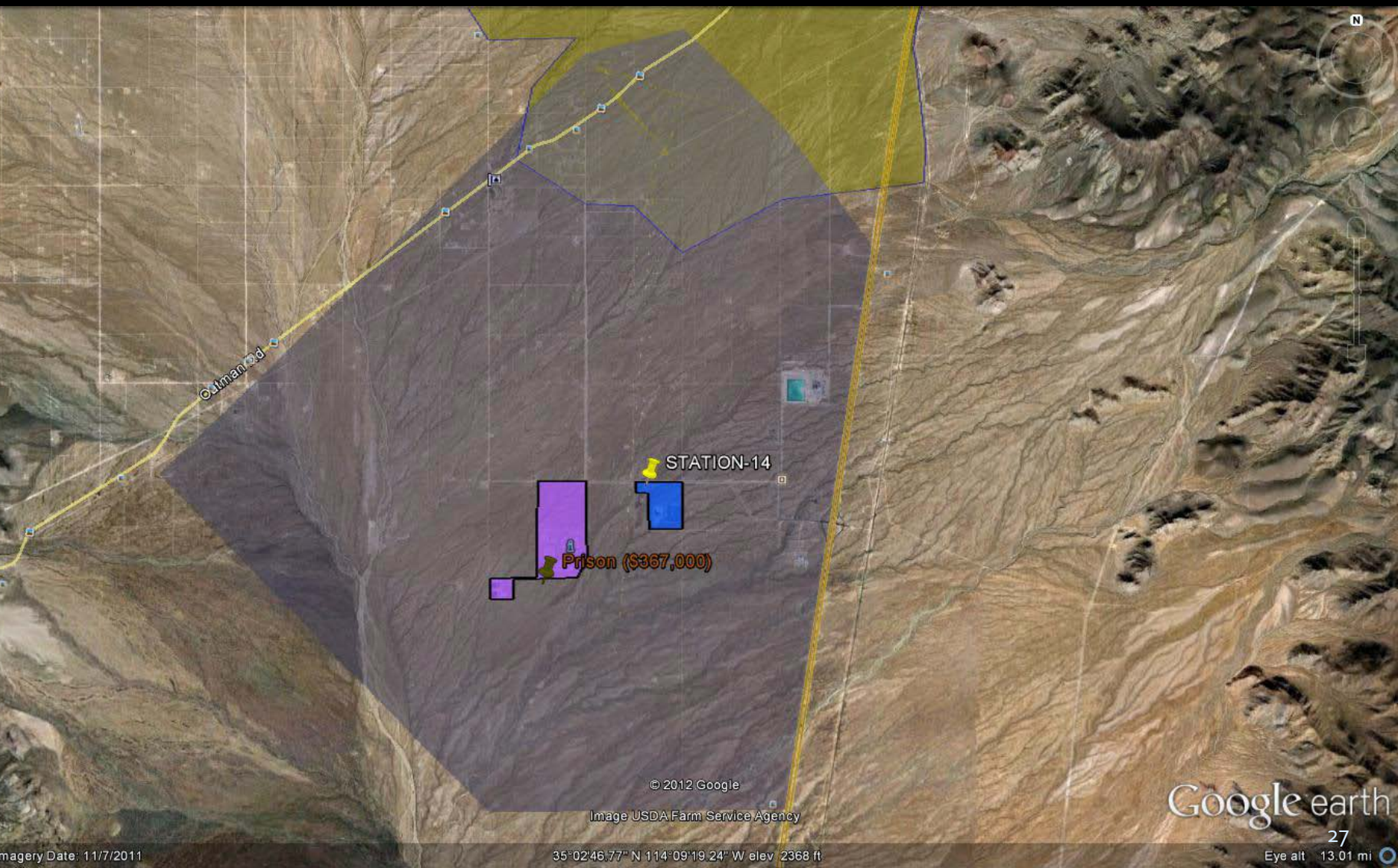
Station-14 ~ Prison



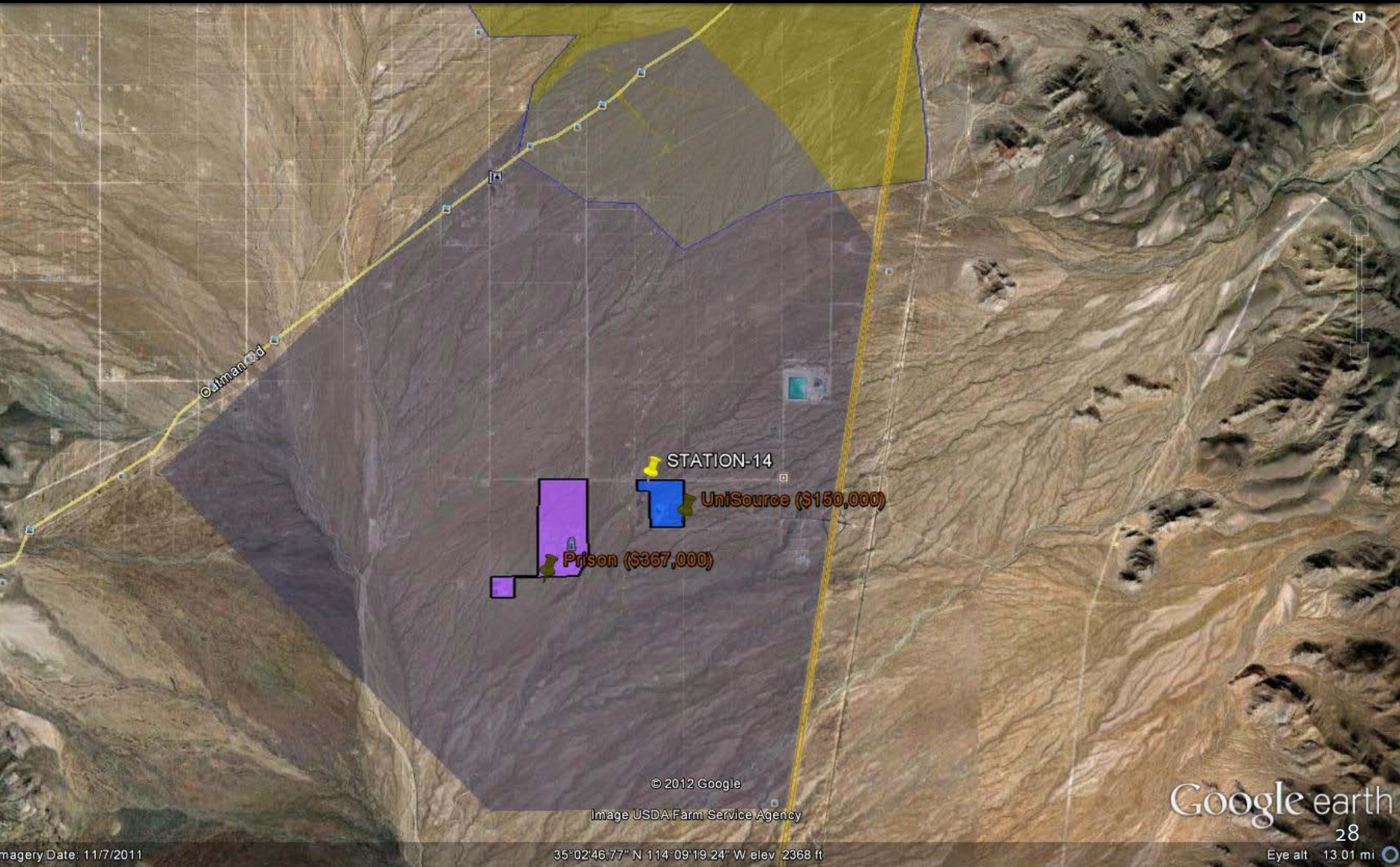
Station-14 ~ Prison income



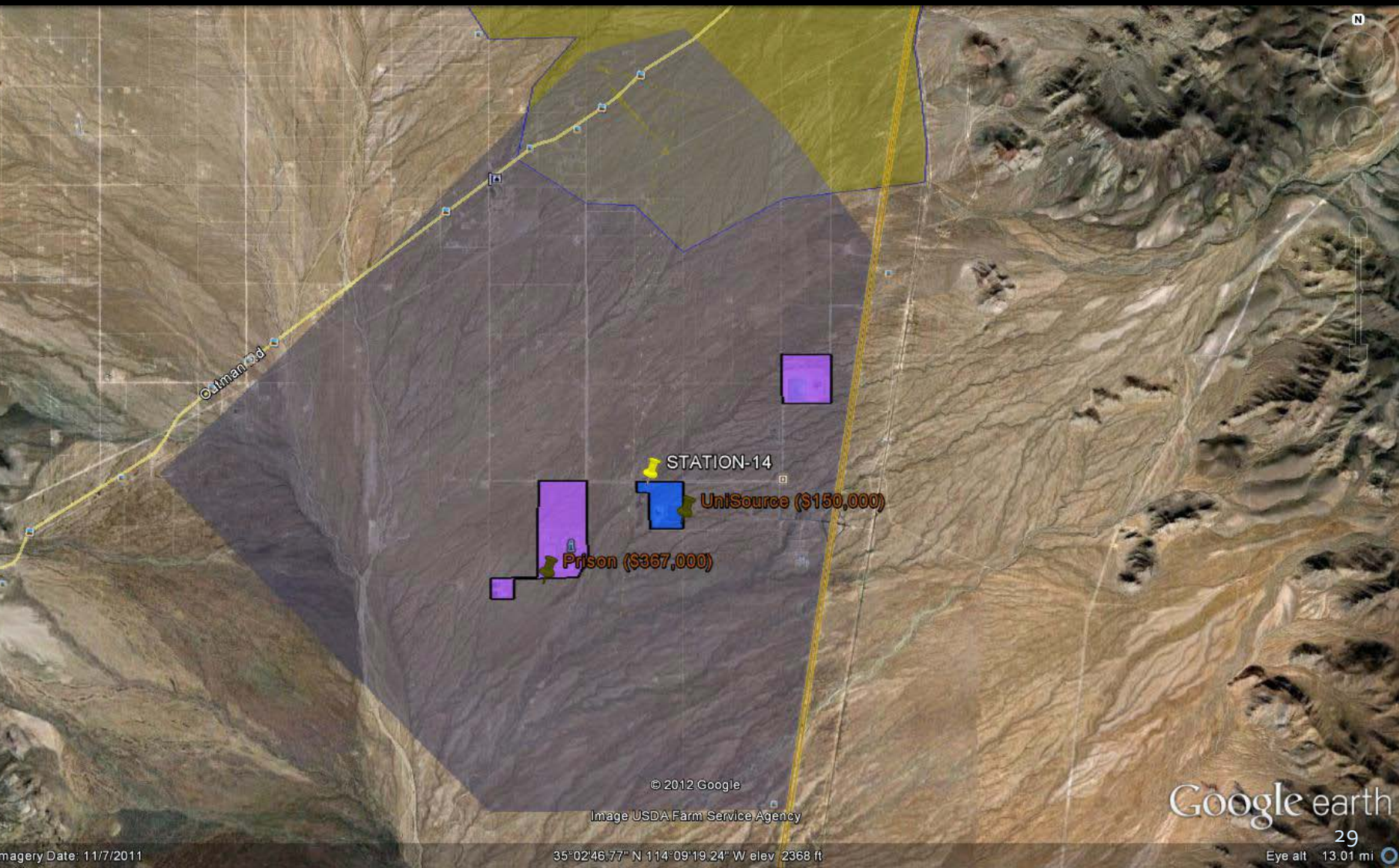
Station-14 ~ UniSource



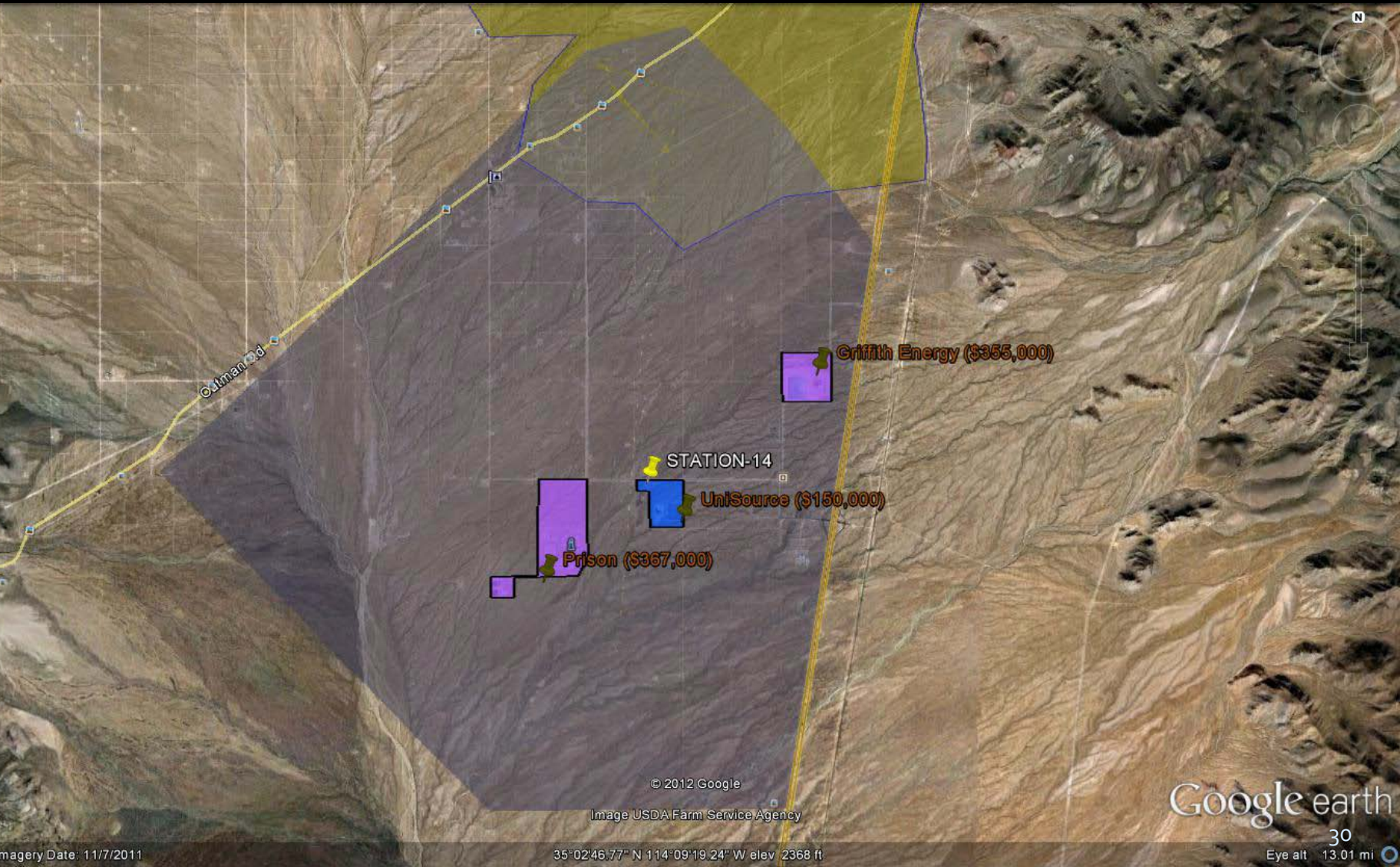
Station-14 ~ UniSource income



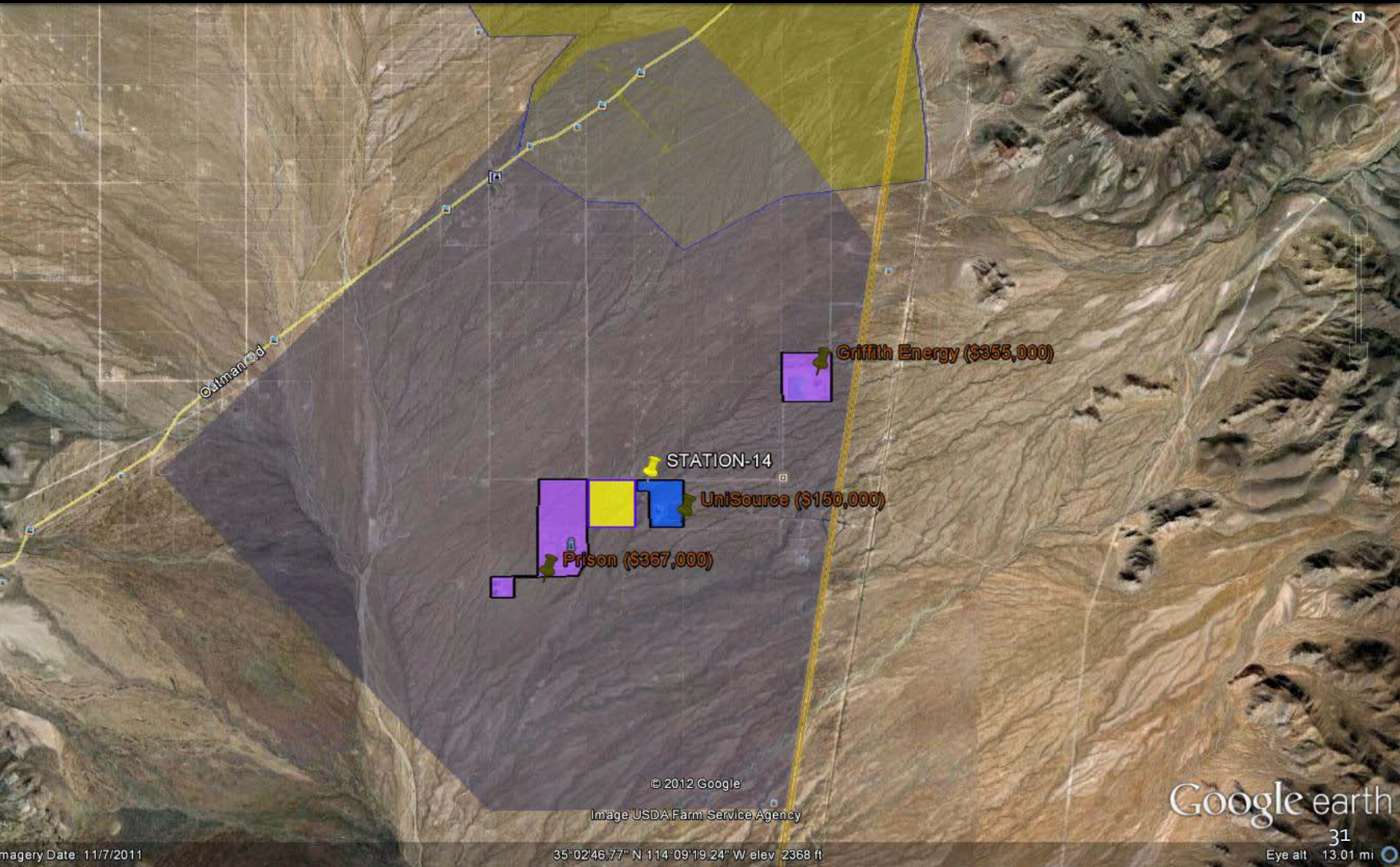
Station-14 ~ Griffith Energy



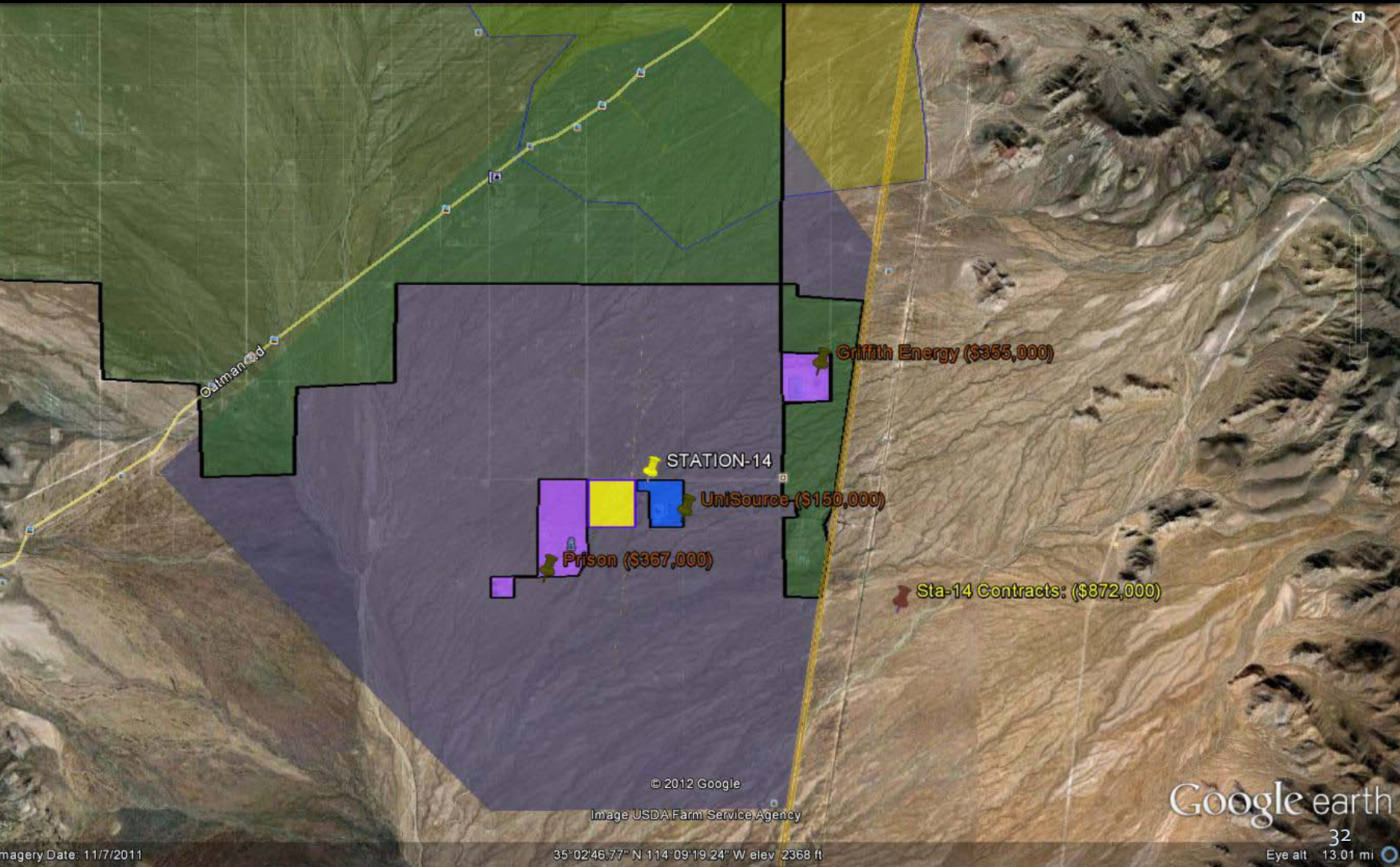
Station-14 ~ Griffith Energy income



Station-14 ~ Solar Project

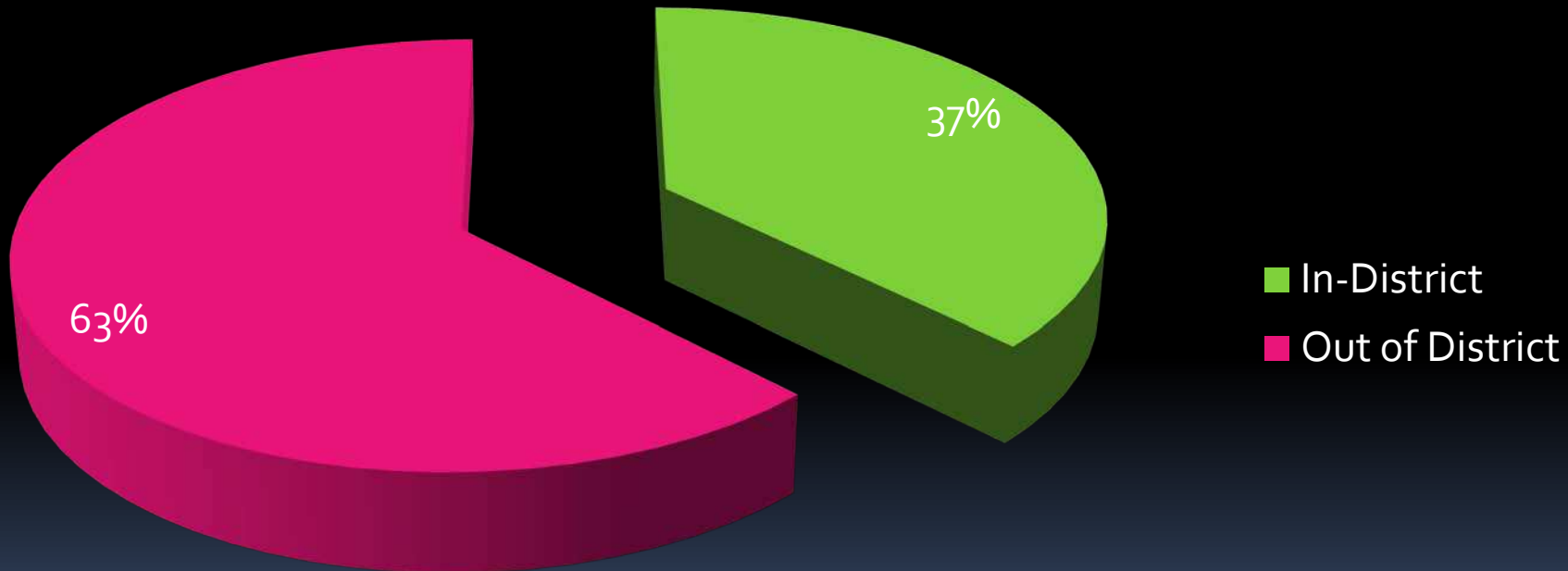


Station-14 ~ District Boundary added

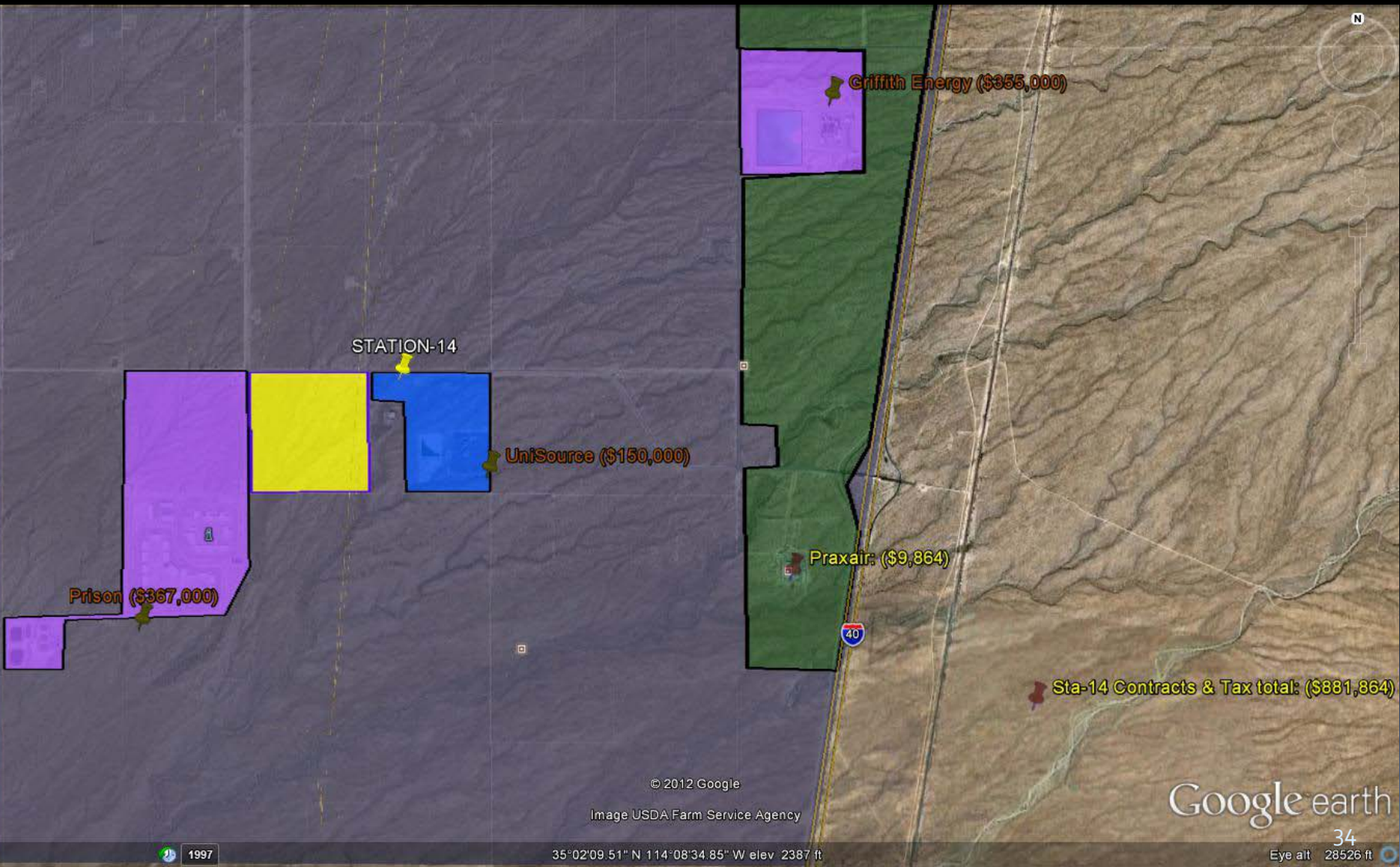


District coverage ~ Station-14

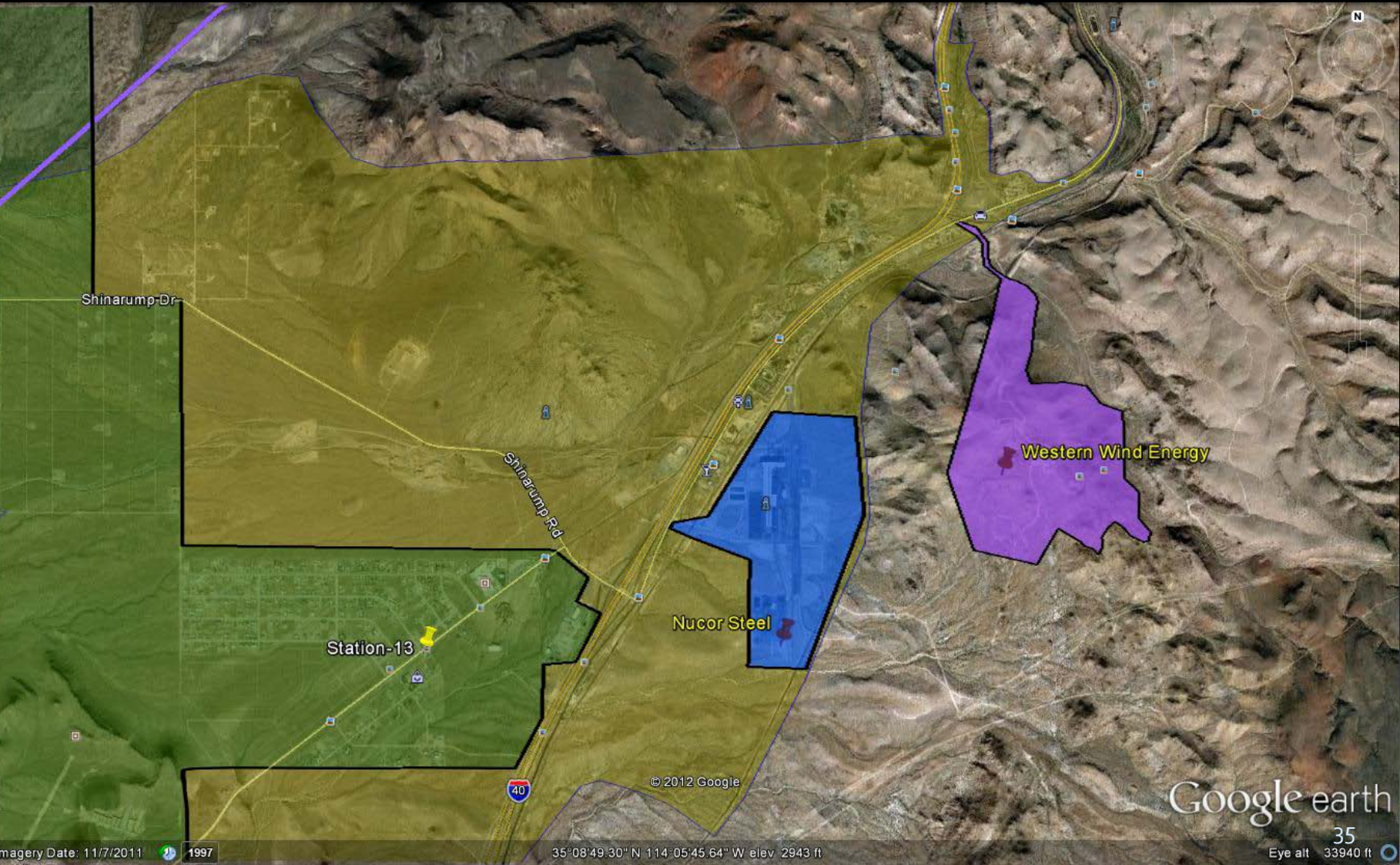
Station-14 geographic coverage



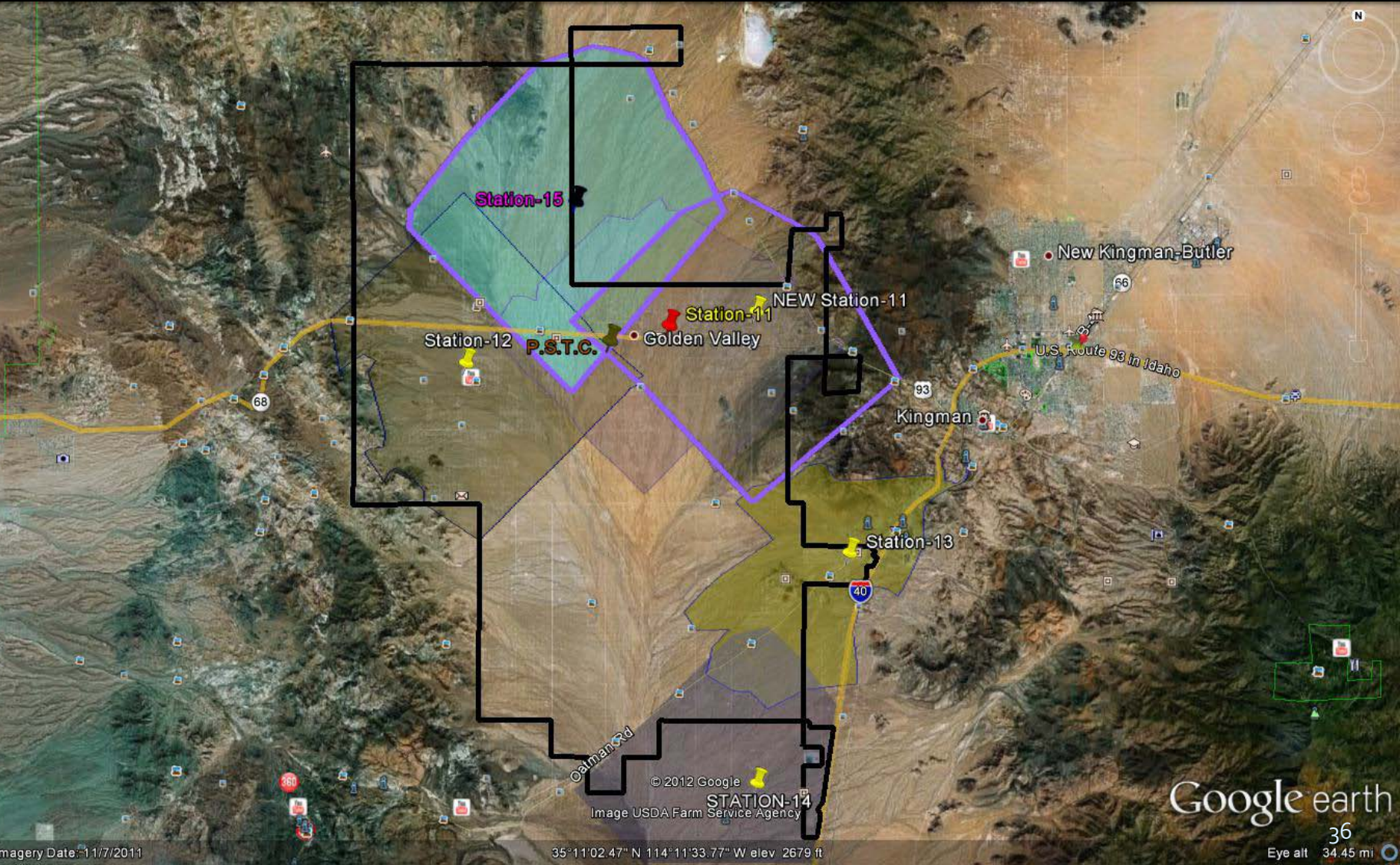
Station-14 Details



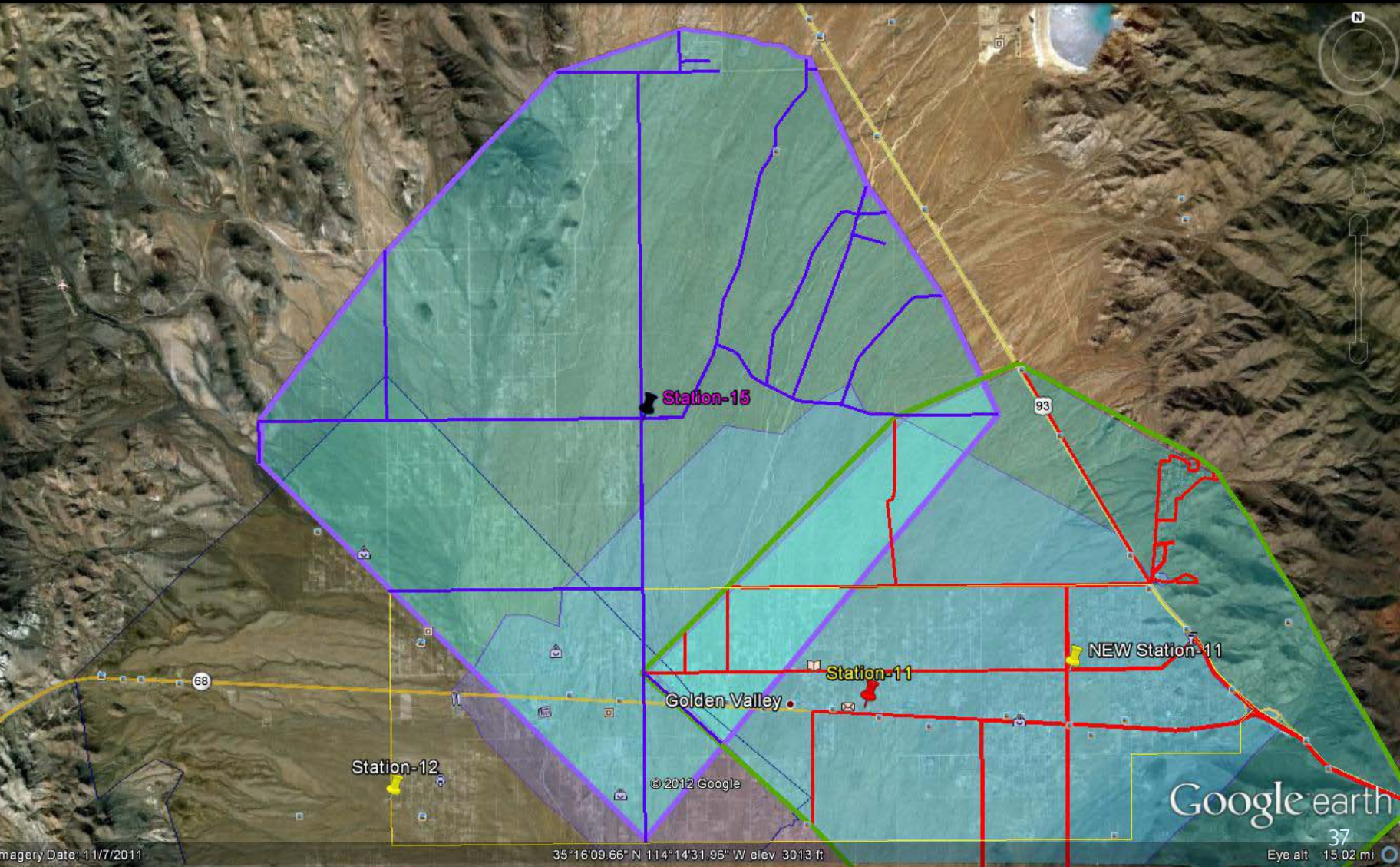
Station-13 Contract coverage



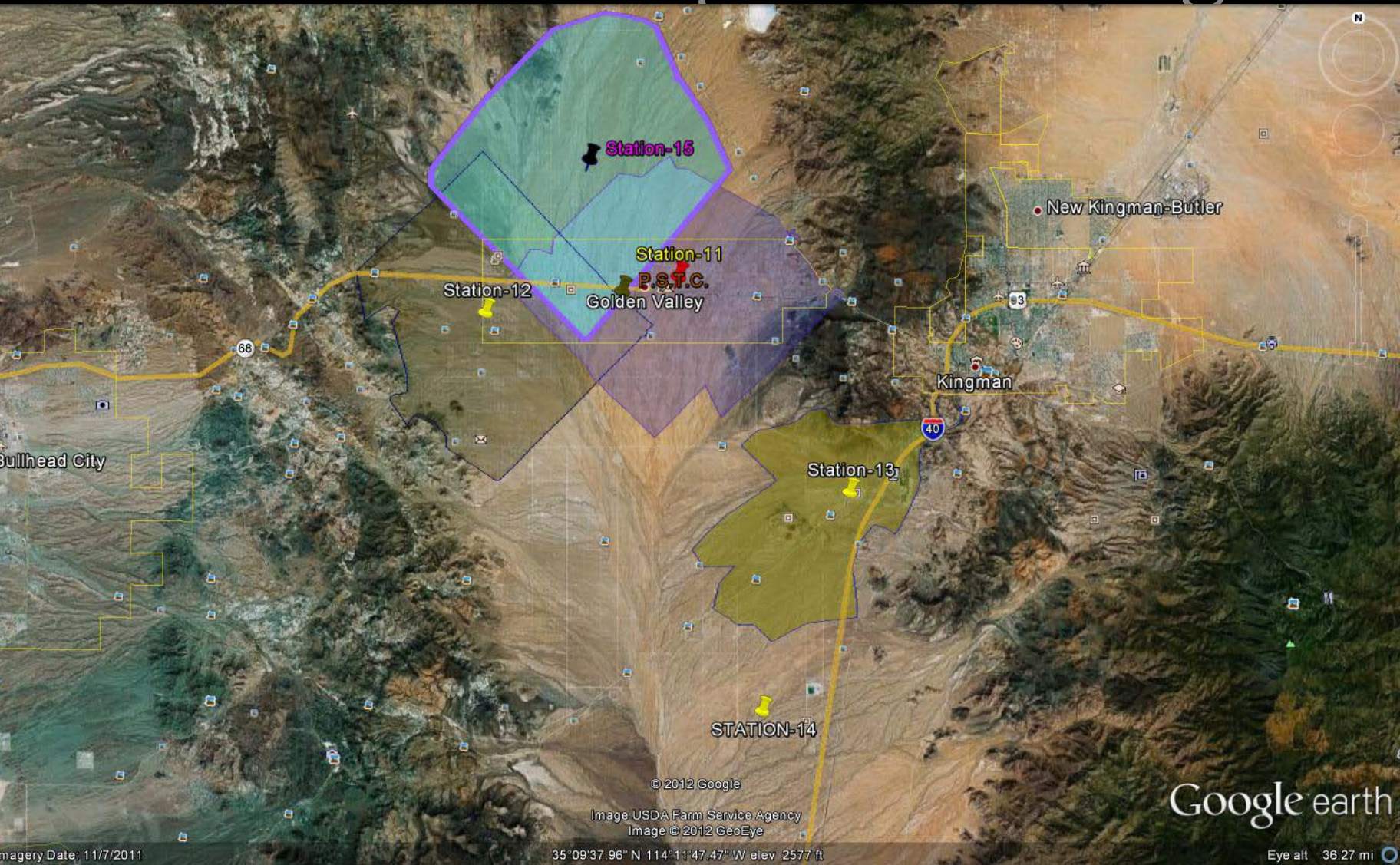
Station-15 added



Station-15 Details

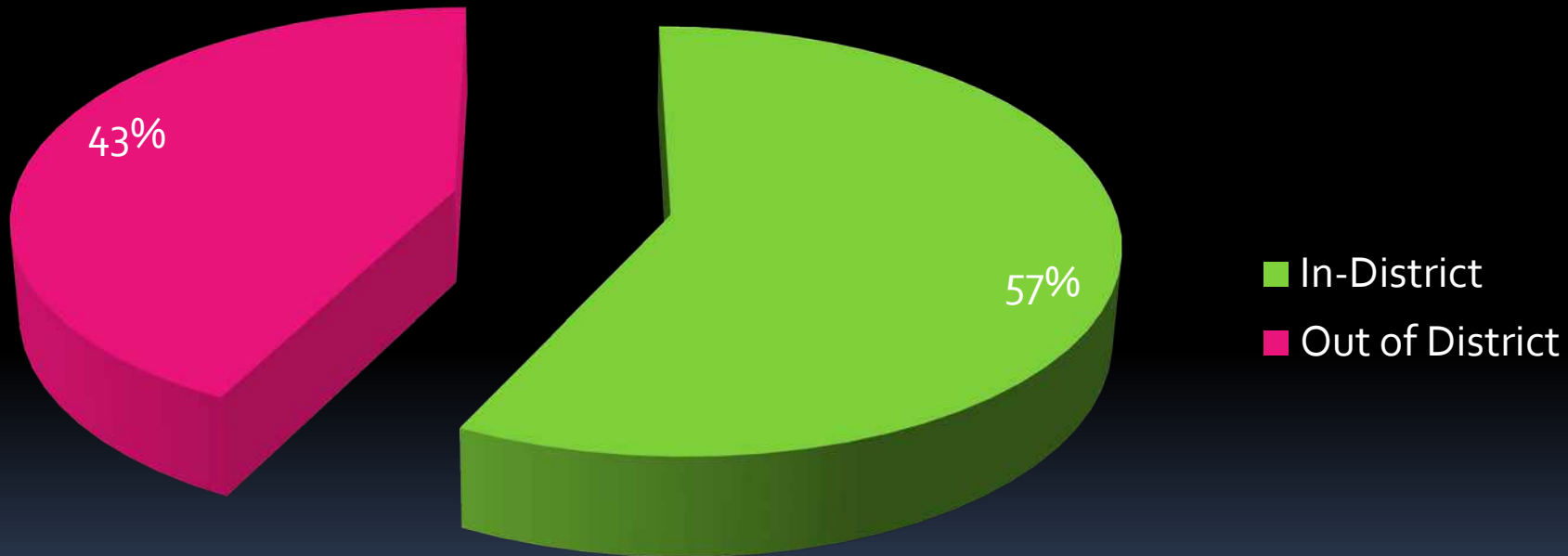


Station-15 Proposed coverage

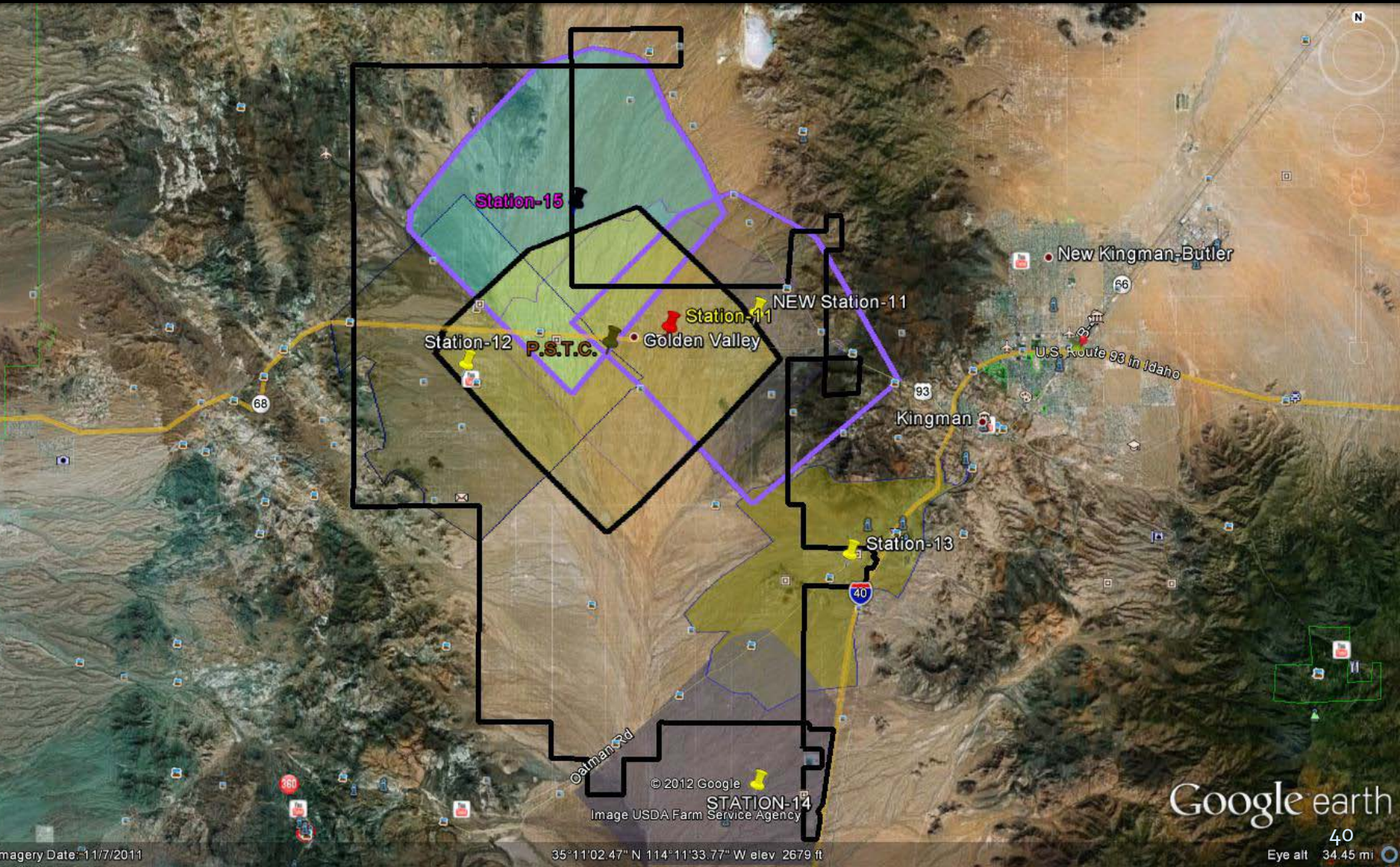


District coverage ~ Station-15

Station-15 geographic coverage

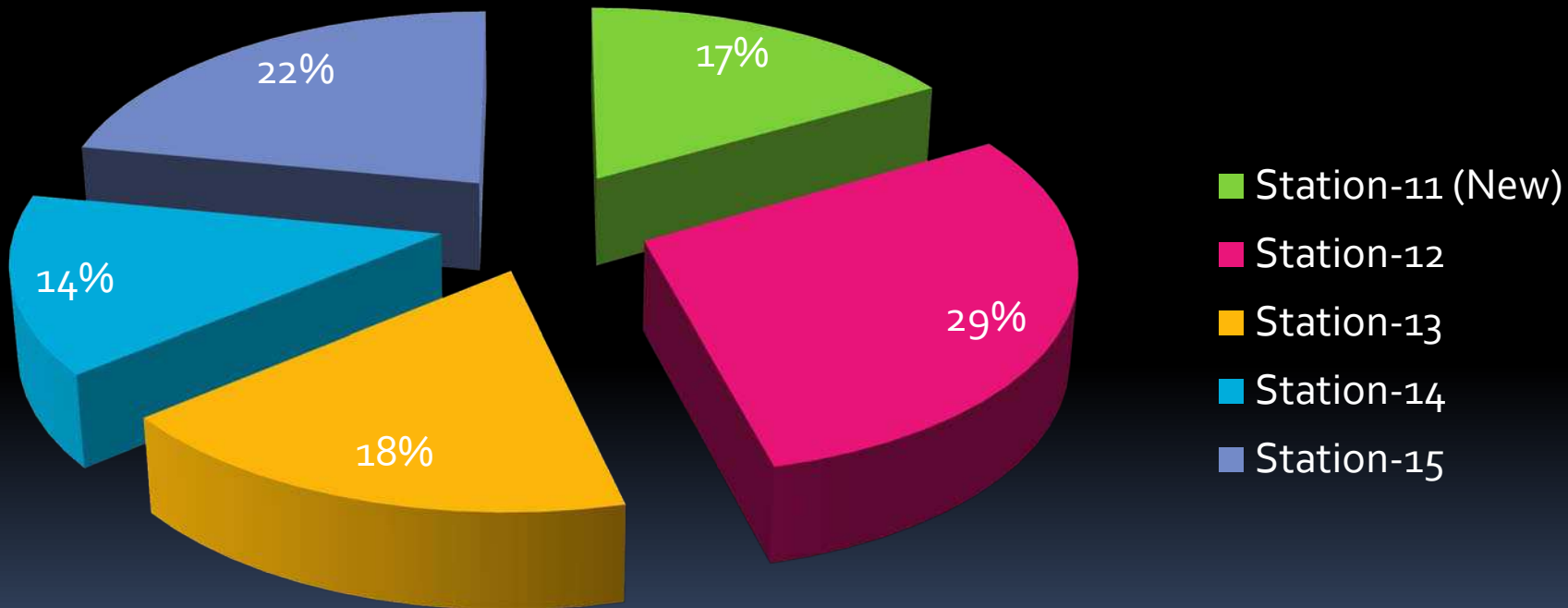


Public Safety Training Center added



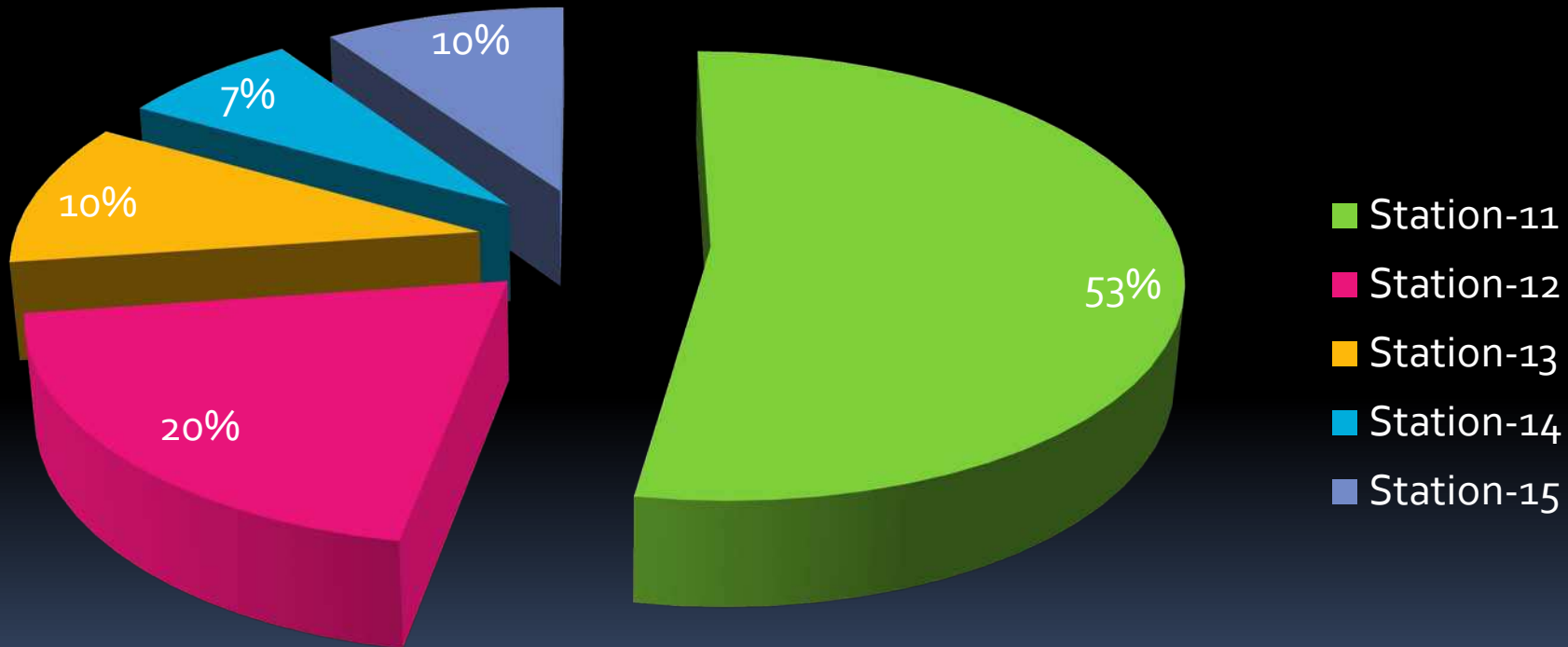
Division of Parcels per station

Approximate *Parcels* of 5-mile radius for each station

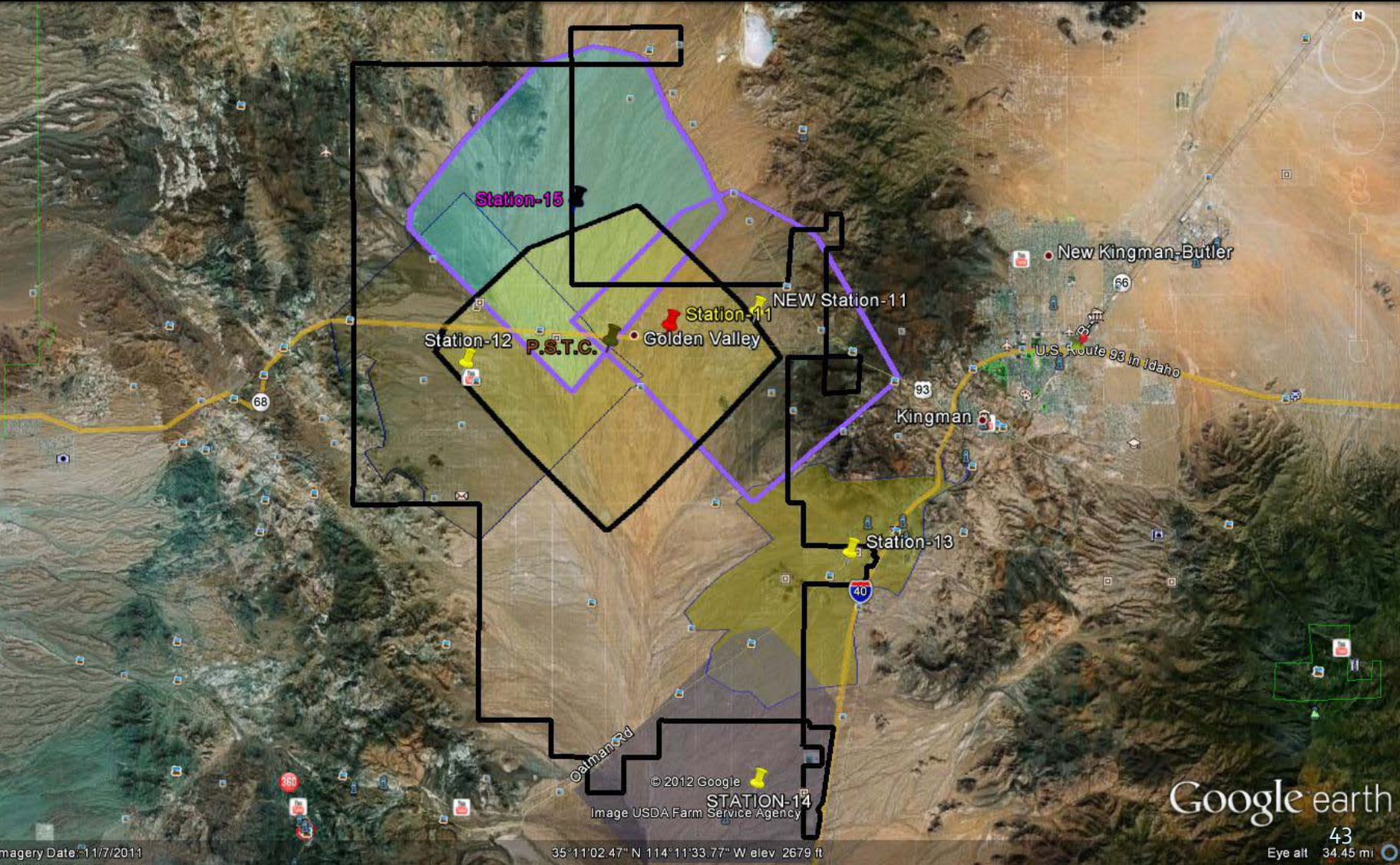


Division of incidents per station

Call Division Estimates for five stations



Current Station coverage



Coverage Comparison by “Full Cash Value”

Full Cash Value

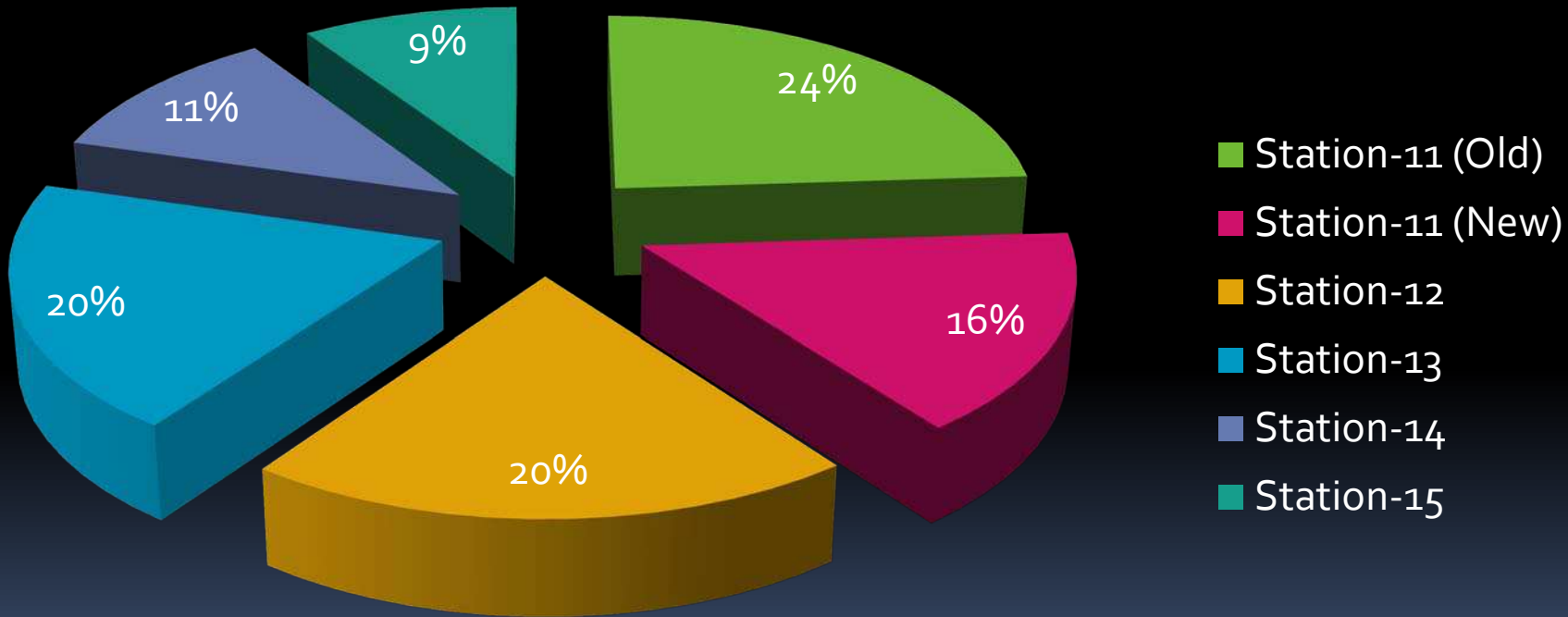
Station-11 (old)	\$323,105,563
Station-11 (new)	\$212,156,980
Station-12	\$271,914,758
Station-13	\$264,206,989
Station-14	\$ 149,655,759
Station-15	\$ 126,277,547

Improved Value

▪ Station-11 (old)	\$155,071,206
▪ Station-11 (new)	\$106,612,732
▪ Station-12	\$123,469,262
▪ Station-13	\$143,698,060
▪ Station-14	\$85,080,604
▪ Station-15	\$47,914,028

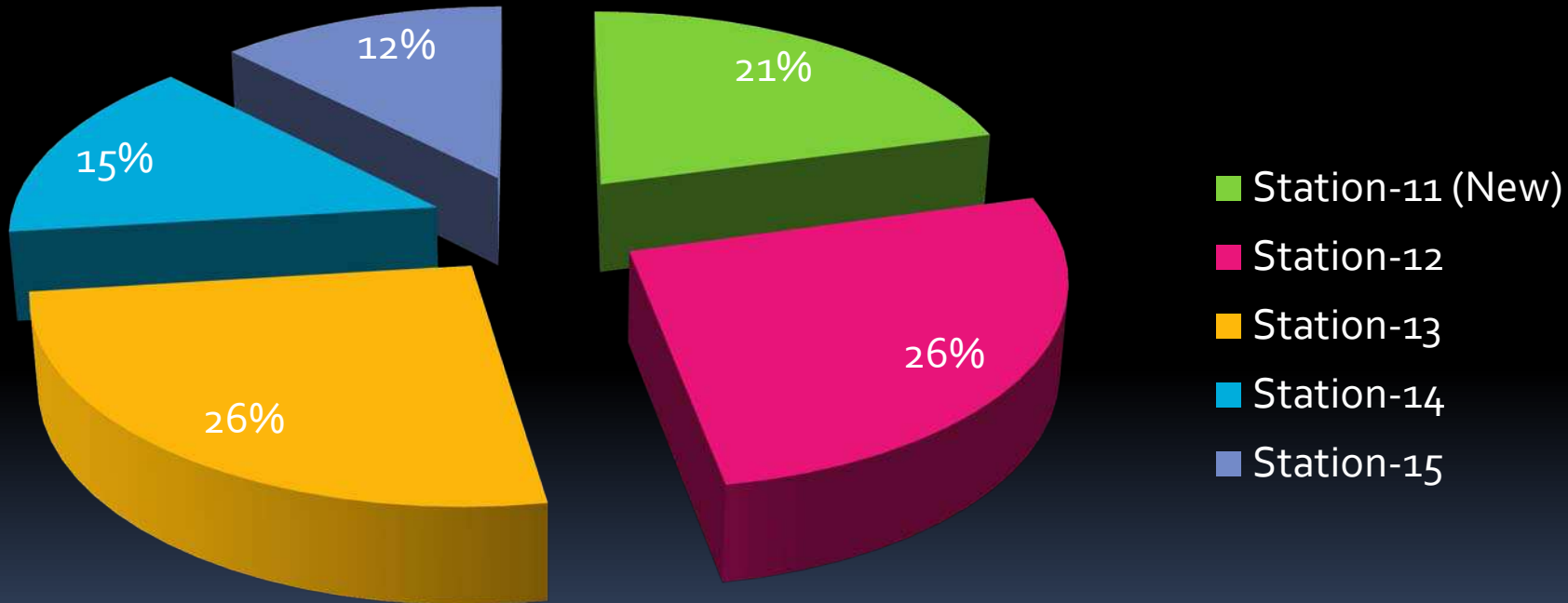
Division of Full Cash Values

Approximate Values of 5-mile radius for each station



Division of Full Cash Values

Approximate Values of 5-mile radius for each station



Comparison by Structures

Current Station Configuration

- Station-11 (old) \$3,023,500
- Station-12 \$3,023,500
- Station-13 \$3,023,500
- Station-14 \$ N/A
- Station-15 \$ N/A
- PSTC Station \$ N/A

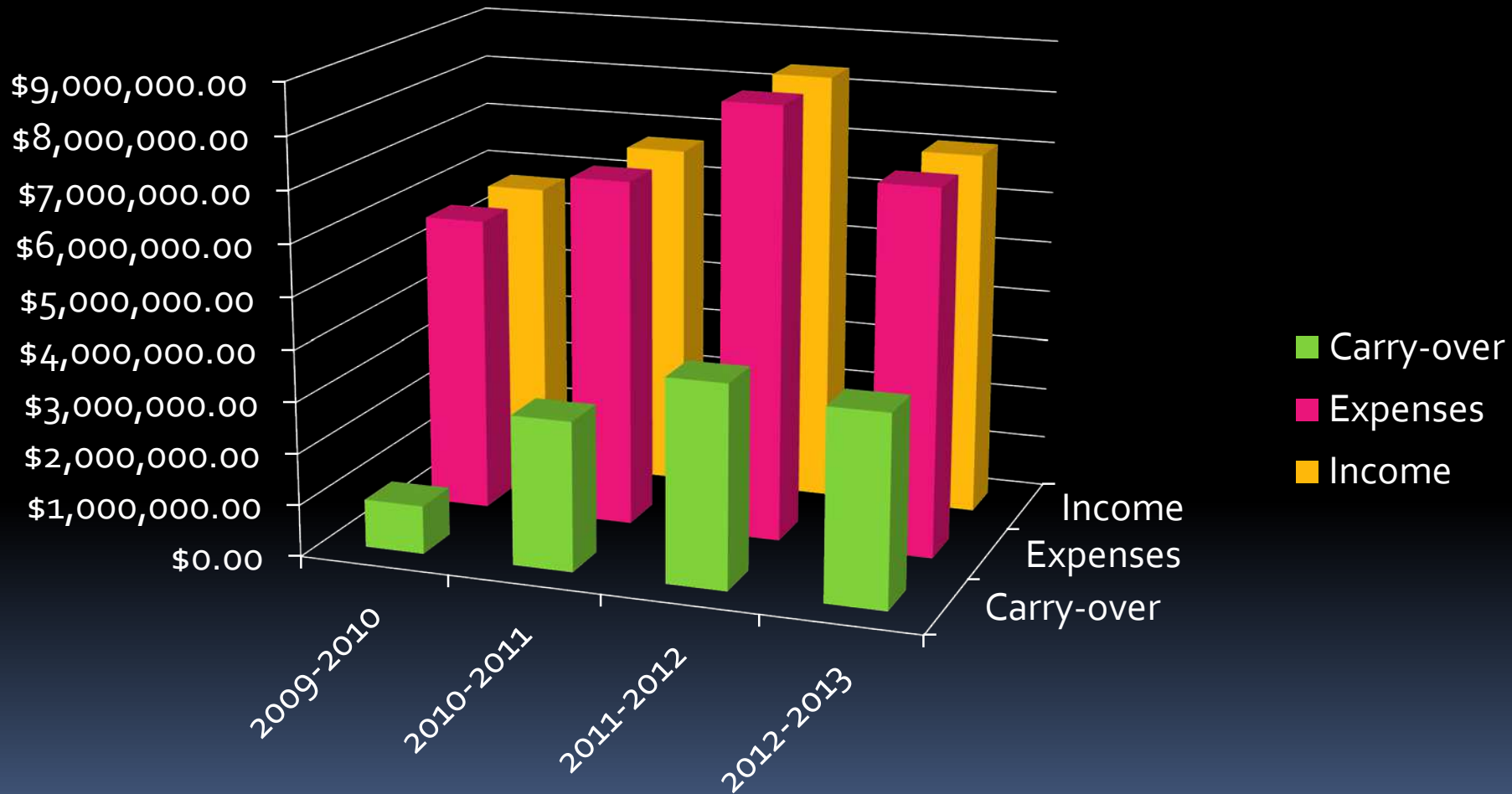
Proposed Station Configuration

- Station-11 (New) \$3,023,500
- Station-12 \$3,023,500
- Station-13 \$3,023,500
- Station-14 \$ N/A
- Station-15 \$ N/A
- PSTC Station \$ N/A

This isn't just about fire stations

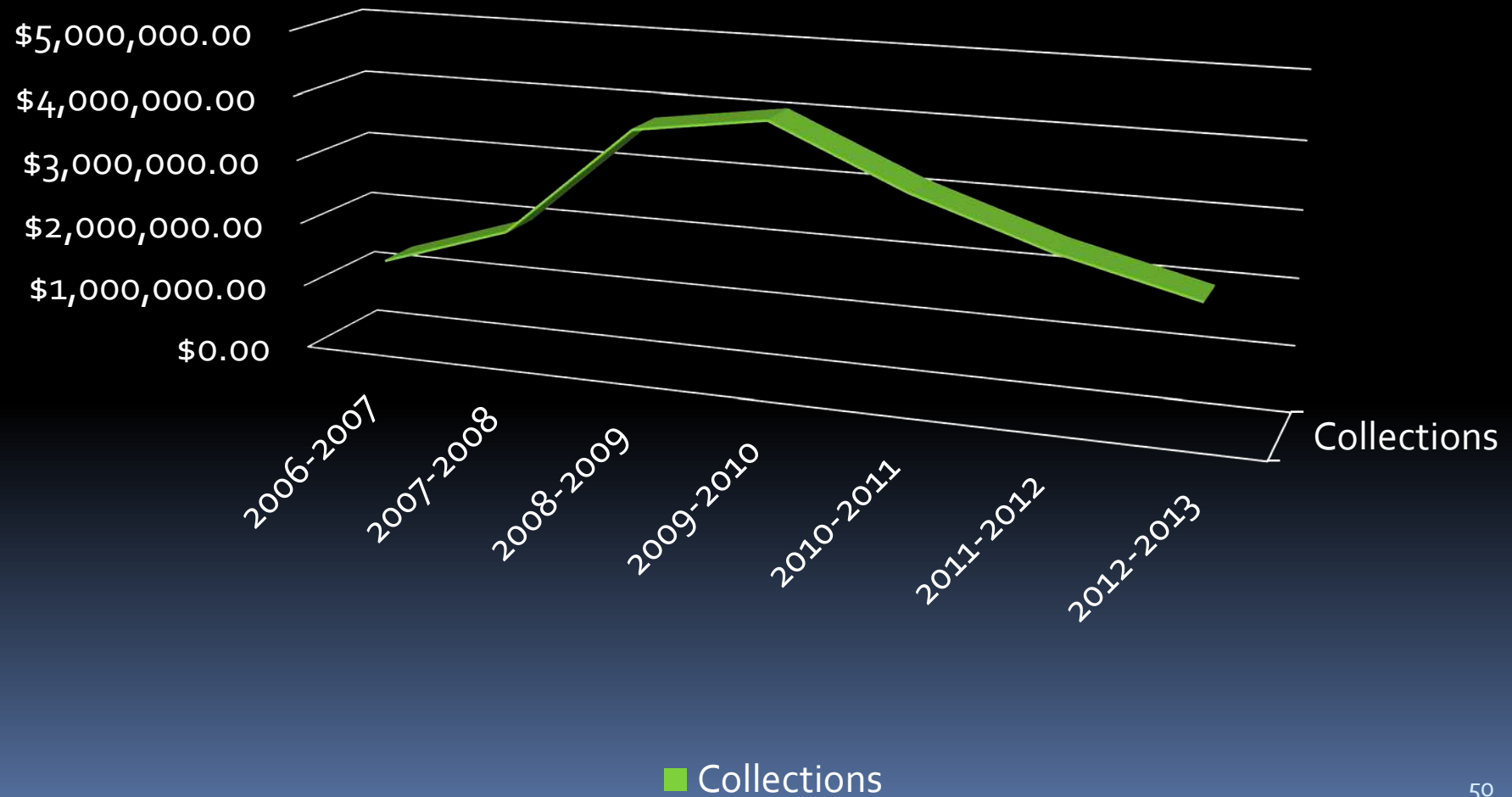


Financial Considerations



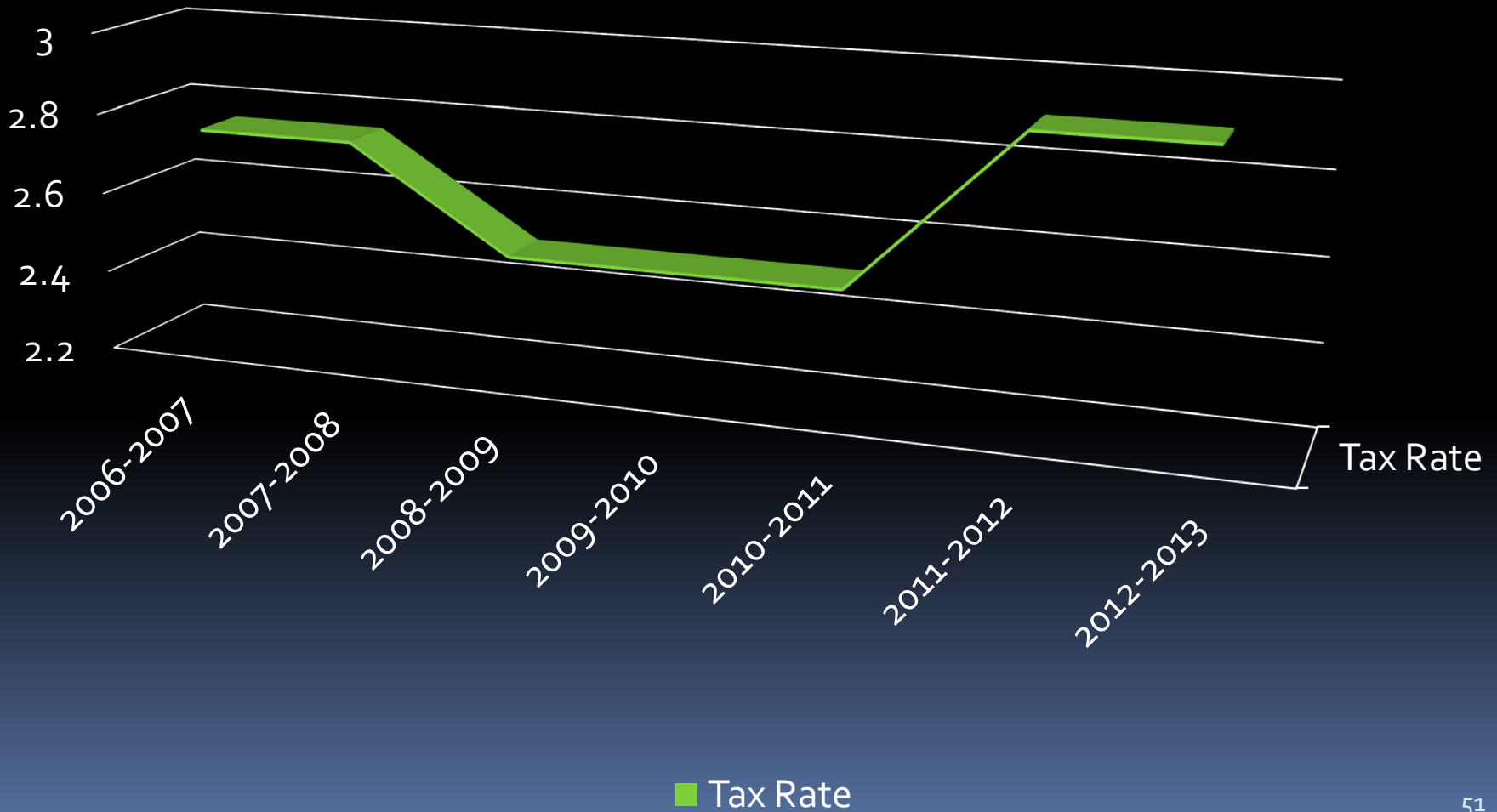
GVFD Collection History

Collections

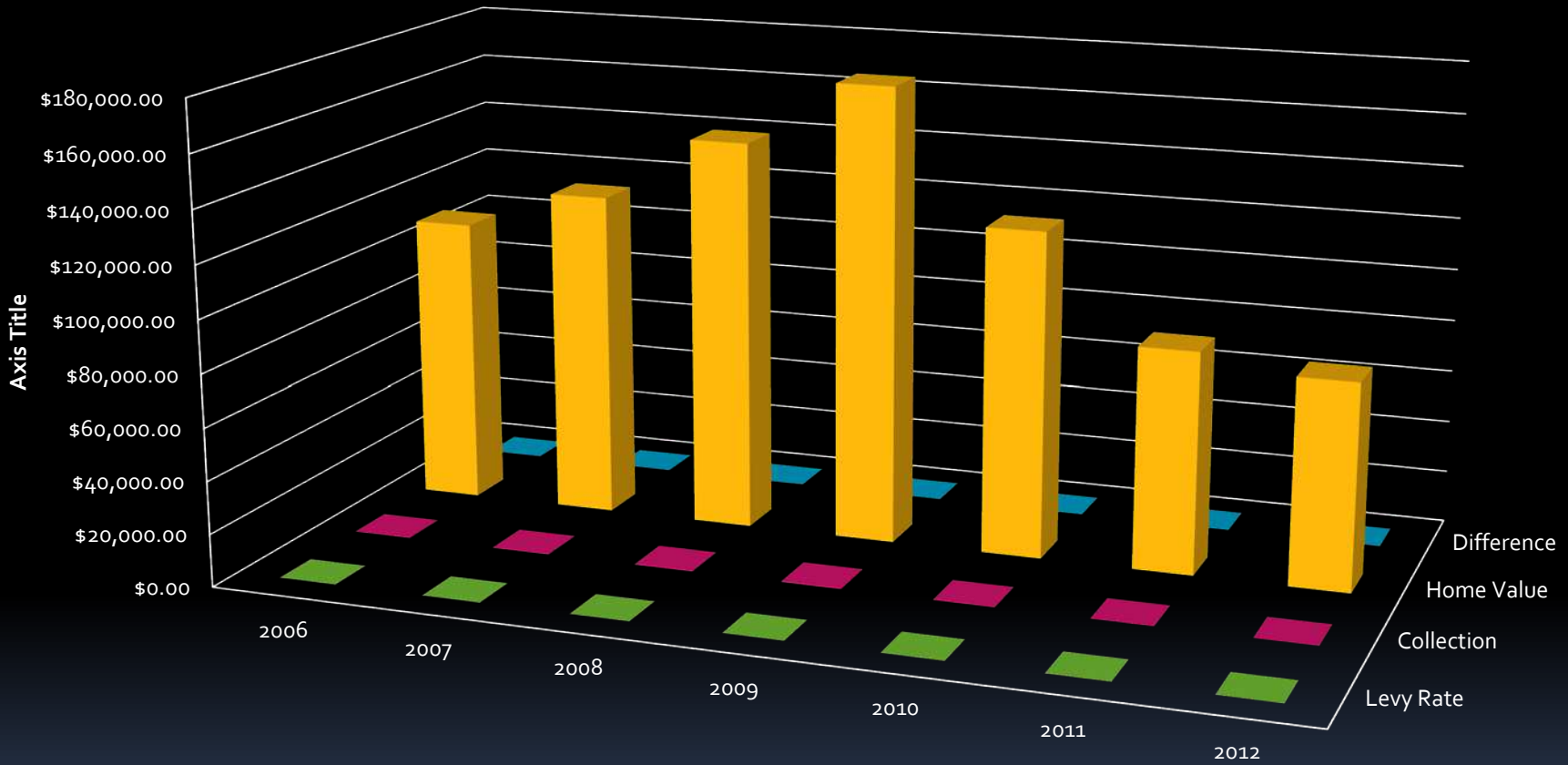


GVFD Tax History

Tax Rate



Home value compared to Taxes collected



	2006	2007	2008	2009	2010	2011	2012
Levy Rate	\$2.75	\$2.75	\$2.50	\$2.50	\$2.50	\$2.90	\$2.90
Collection	\$302.50	\$343.75	\$375.00	\$437.50	\$312.50	\$212.50	\$197.50
Home Value	\$110,000.00	\$125,000.00	\$150,000.00	\$175,000.00	\$125,000.00	\$85,000.00	\$79,000.00
Difference	\$0.00	\$41.25	\$31.25	\$62.50	\$125.00	\$100.00	\$15.00

Local Fire District Levy Rates



	2007	2008	2009	2010	2011
NACFD	2.88%	2.88%	2.88%	2.88%	2.88%
Dolan	3.00%	2.85%	2.85%	3.25%	3.25%
Pine Lake	3.25%	3.25%	3.25%	3.00%	3.00%
Pinon Pine	2.55%	2.39%	2.39%	2.30%	2.34%
GVFD	2.75%	2.50%	2.50%	2.50%	2.90%



MOHAVE COUNTY 2011 PROPERTY TAX STATEMENT

Melissa Havatone, Treasurer



Legal Description: GOLDEN SAGE RANCHOS UNIT 57 BLK A THE S2
OF LOT 7 CONT 1.10 ACRES ML 306-08-005(306-08-
005 A,B,C)

Situs Address: 3291 N TOOMAN RD

O DONOHUE THOMAS

3291 N TOOMAN RD
GOLDEN VALLEY AZ 86413

PAYMENT INSTRUCTIONS

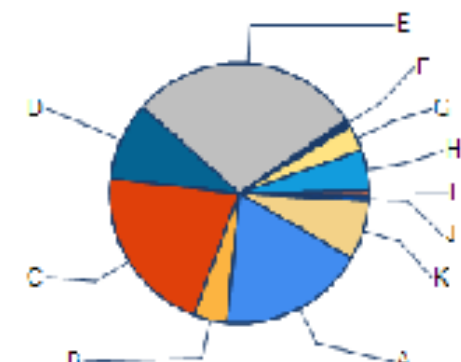
To pay the 1st half installment and full year notices of \$100 or less, send the 1st half coupon with your payment postmarked no later than Nov 1, 2011. To pay the 2nd half installment, send the 2nd half coupon with your payment postmarked no later than May 1, 2012. To pay taxes for the full year if the entire amount billed exceeds \$100, send the 1st half coupon with your payment postmarked no later than Dec 31, 2011 and no interest will be charged for the current year.

Make your check payable to and mail to: MELISSA HAVATONE
MOHAVE COUNTY TREASURER
P. O. BOX 712
KINGMAN, AZ 86402

PARCEL #	AREA CODE	PRIMARY TAX RATE PER \$100 ASSESSED VALUE	SECONDARY TAX RATE PER \$100 ASSESSED VALUE			
30608005B	0430	6.7581	4.6998			
ASSESSMENT		VALUE IN DOLLARS	ASSMT%	ASSESSED VALUE	EXEMPT	TAX
LIMITED LAND, BLDGS, ETC.		79353	.10	7935	0	536.26
LIMITED PERSONAL PROPERTY		0	.00	0	0	.00
LIMITED TOTALS		79353		7935	0	536.26
FULL CASH LAND		79353	.10	7935	0	372.92
FULL CASH PERSONAL PROP		0	.00	0	0	.00
FULL CASH TOTALS		79353		7935	0	372.92

2011 TAX SUMMARY	
Primary Tax	536.26
Less State Aid	-111.88
Net Primary Tax	424.38
Secondary Tax	372.92
Special District	.00
TOTAL TAX DUE	797.30

2010 TAXES	2011 TAXES	JURISDICTION	TELEPHONE #S	% of TAX
150.48	144.38	MOHAVE COUNTY	(928) 753-0735	A 18.11%
36.64	33.80	STATE SCHOOL TAX EQUALIZATION	(602) 542-5695	B 4.24%
206.18	168.60	KINGMAN USD #20	(928) 753-5678	C 21.15%
80.86	77.60	MOHAVE COMMUNITY COLLEGE	(928) 757-0810	D 9.73%
270.50	230.12	GOLDEN VALLEY FD	(928) 565-3479	E 28.86%
10.82	7.94	FIRE DIST ASSIST FUND	(928) 753-0735	F 1.00%
35.02	25.68	MOHAVE COUNTY LIBRARY DISTRICT	(928) 692-5717	G 3.22%
54.10	39.68	MOHAVE COUNTY FLOOD CONTROL DI	(928) 757-0910	H 4.98%
9.38	6.88	MO CO TV CID	(928) 753-0729	I 0.86%
5.42	3.96	WESTERN AZ VOCATION ED DIST	(928) 753-0747	J 0.50%
84.48	58.66	SD #20 CLASS A BONDS	(928) 753-5678	K 7.36%
943.88	797.30	TOTAL		100%



unpaid prior year taxes

Contact Treasurer's Office immediately if a number appears above

To obtain a receipt please check and include a self addressed, stamped envelope, or include e-mail address for a receipt, correspondence, or future billings.

RETURN THIS COUPON FOR 2011 SECOND HALF PAYMENTS

2nd Half Coupon

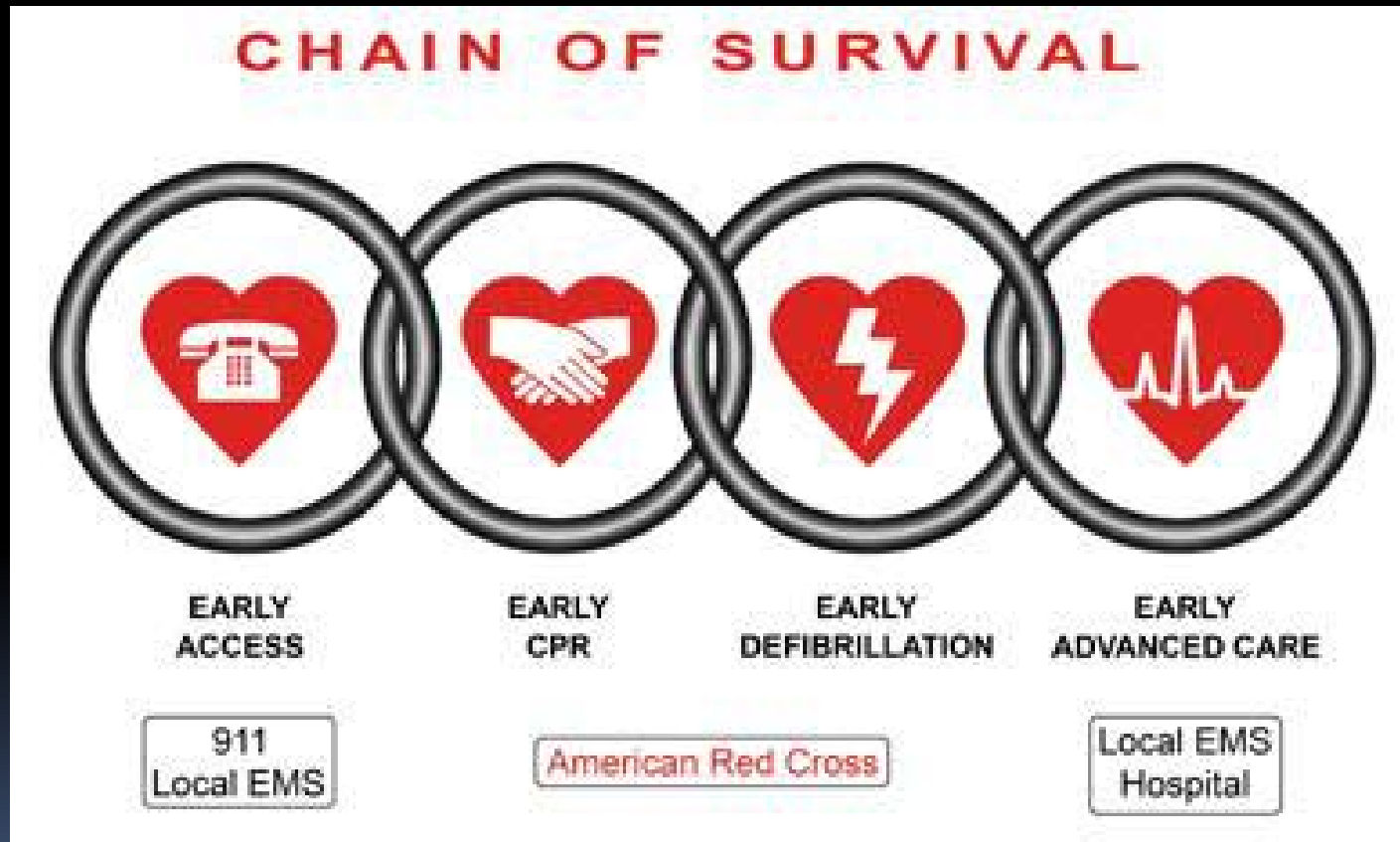
2

Tax Assessments Parcel

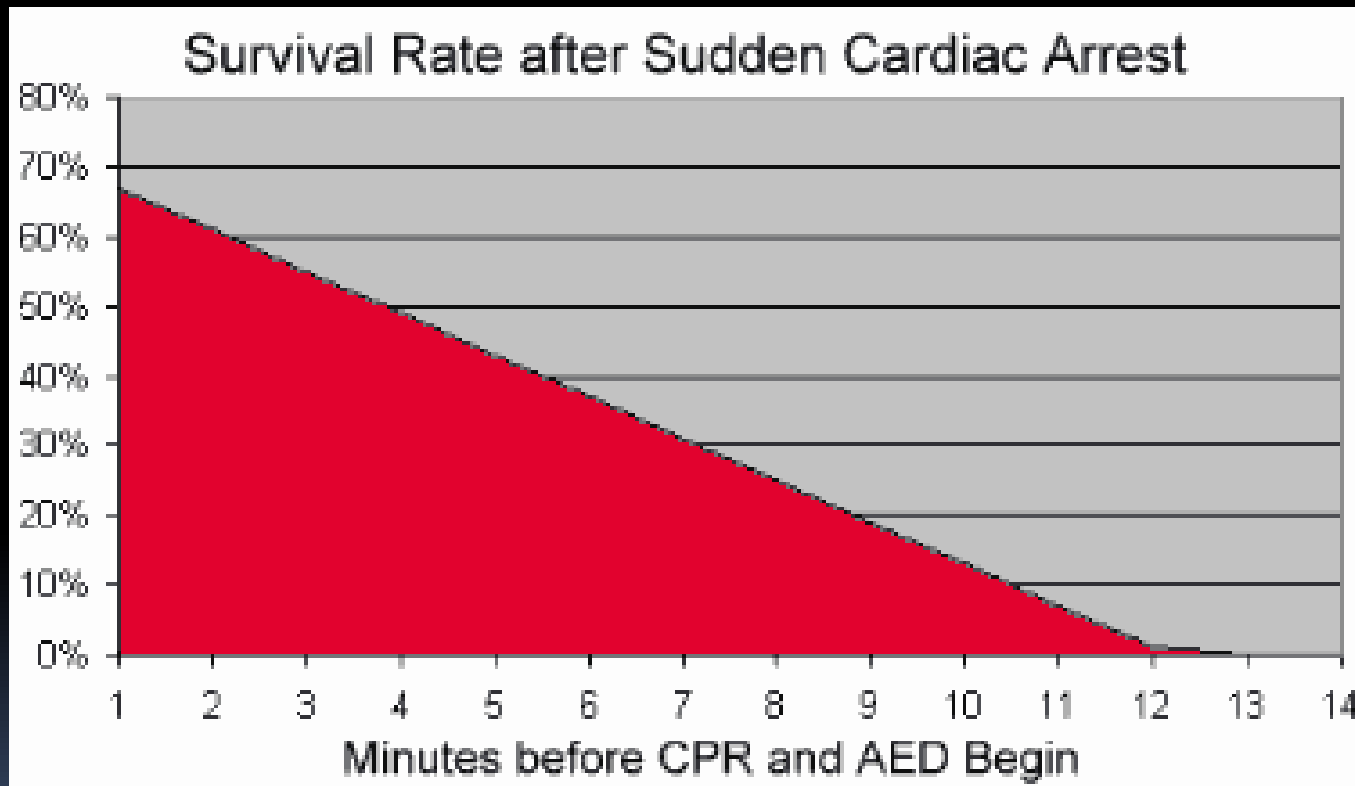
Tax Assessments by percentage

		2010 @ 2.50%	2011 @ 2.90%
▪ Mohave County	18.11%	▪ \$150.48	\$144.38
▪ School Tax	4.24%	▪ \$36.64	\$33.80
▪ Kingman USD	21.15%	▪ \$206.18	\$168.60
▪ MCC	9.73%	▪ \$80.86	\$77.60
▪ Golden Valley Fire	28.86%	▪ \$270.50	\$230.12
▪ FDAT	1.00%	▪ \$10.82	\$7.94
▪ Library	3.22%	▪ \$35.02	\$25.68
▪ Flood Control	4.98%	▪ \$54.10	\$39.68
▪ Mo. Co. TV CID	0.86%	▪ \$9.38	\$6.88
▪ Western AZ Voc Ed	0.50%	▪ \$5.42	\$3.96
▪ SD Class-A Bonds	7.36%	▪ \$84.48	\$58.66
▪ Total	100%	\$943.88	\$797.30 - \$146.58

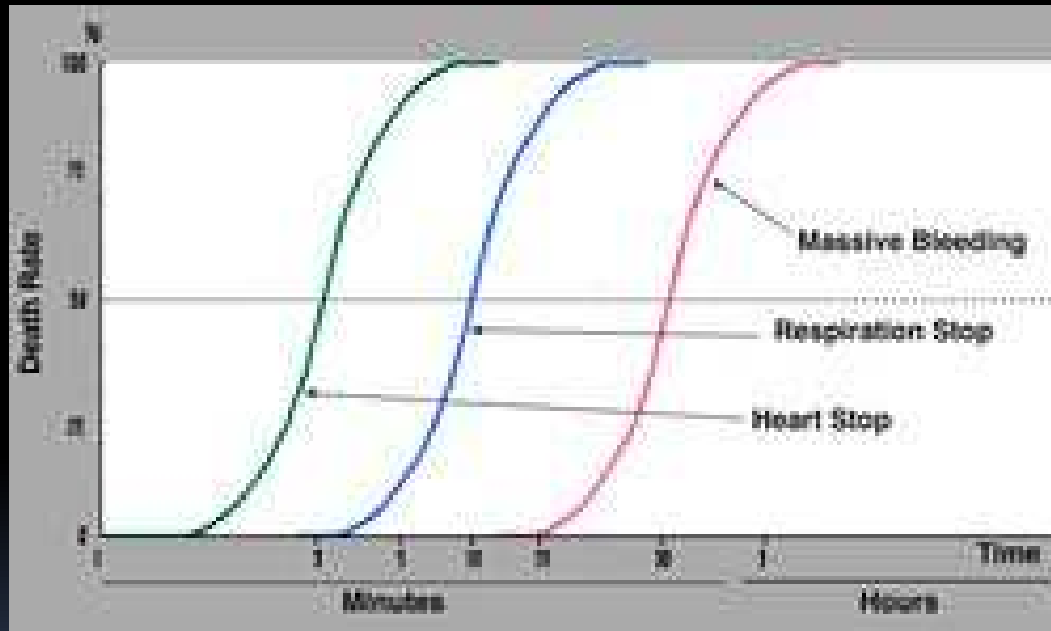
Chain of Survival



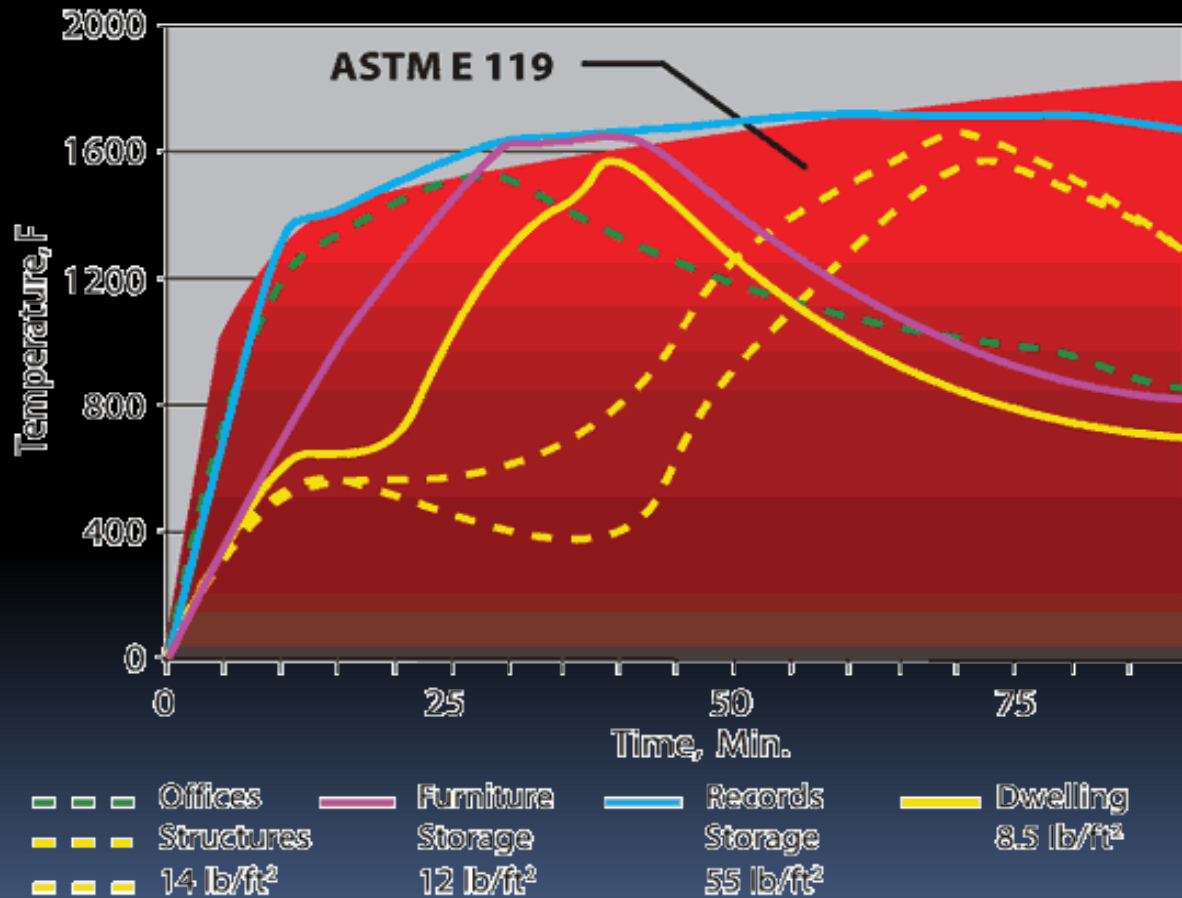
Survival Rates



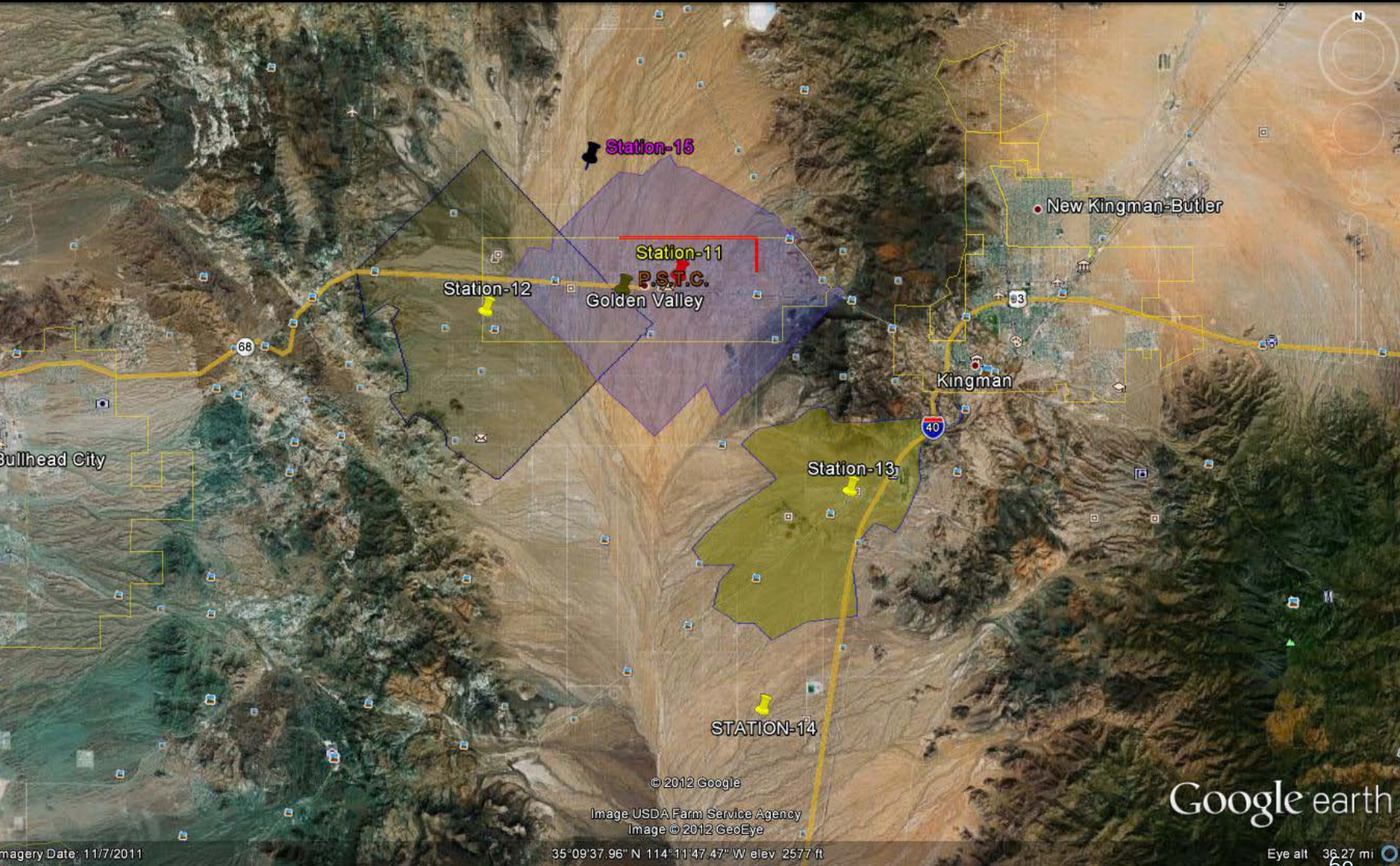
Survival Rates



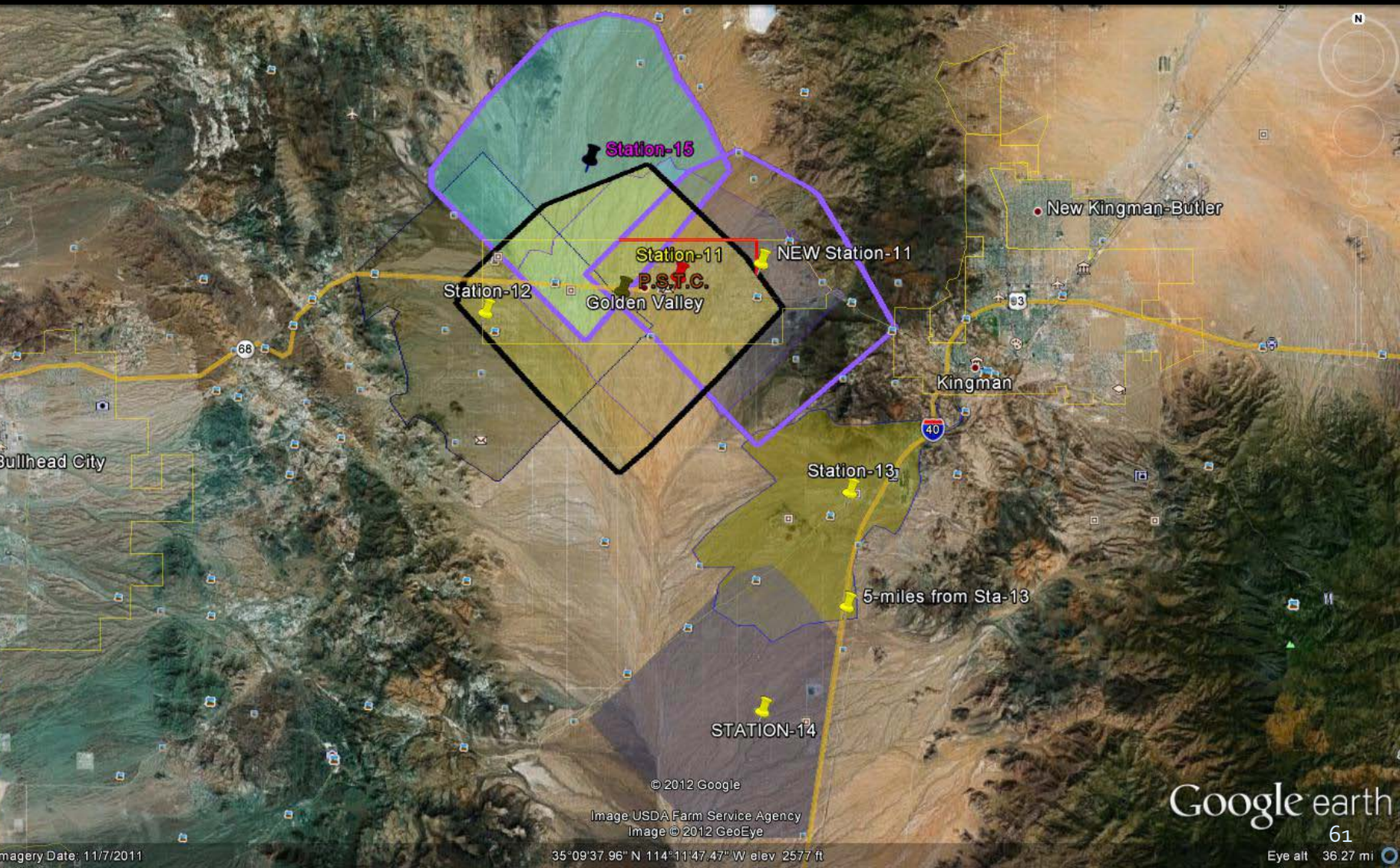
Time / Temperature Curve



Current Station coverage



Potential Station coverage



Review of presentation

- Fire stations are built to meet current & future needs.
- Building at today's dollars saves the taxpayer thousands of on each fire station
- We are leveraging due to the economy, taking strategic advantage of the savings we can realize by building now.
- The public pays for:
 - Fire suppression
 - Emergency Medical Services (EMS) / Paramedics 24 x 7
 - Prevention & Education
 - Fire Marshal services
 - Hazard reduction
 - Facilities & apparatus to meet needs
 - Proper administration of public funds and public safety
 - State of the art 911 system
 - Reduction of ISO rating to reduce insurance premiums

Review of presentation

- The Board has the choice to follow any of the following combinations based on public input, public safety and tonight's presentation:
 - From 1 to 4 fire stations built at specified intervals
 - Renovation of current Station-11 into Administrative offices
 - Utilize current facilities in conjunction with new fire stations
 - Facilities that meet current needs and future growth