



2003 = 2,500,000

2004 = 3,000,000

2005 = 2,600,000

2006 = 2,800,000

2007 = 500,000*

2008 = 500,000*

2009 = 1,750,000*

2010 = 1,900,000*

2011 = 1,900,000

2012 = 1,700,000

2013 = ?

est 10.2 Million in FY 2013 for NRI (8.3 Million)

**hat this amount will be cut for FY 2013. In the p
unding separately to FSA for contracting.**

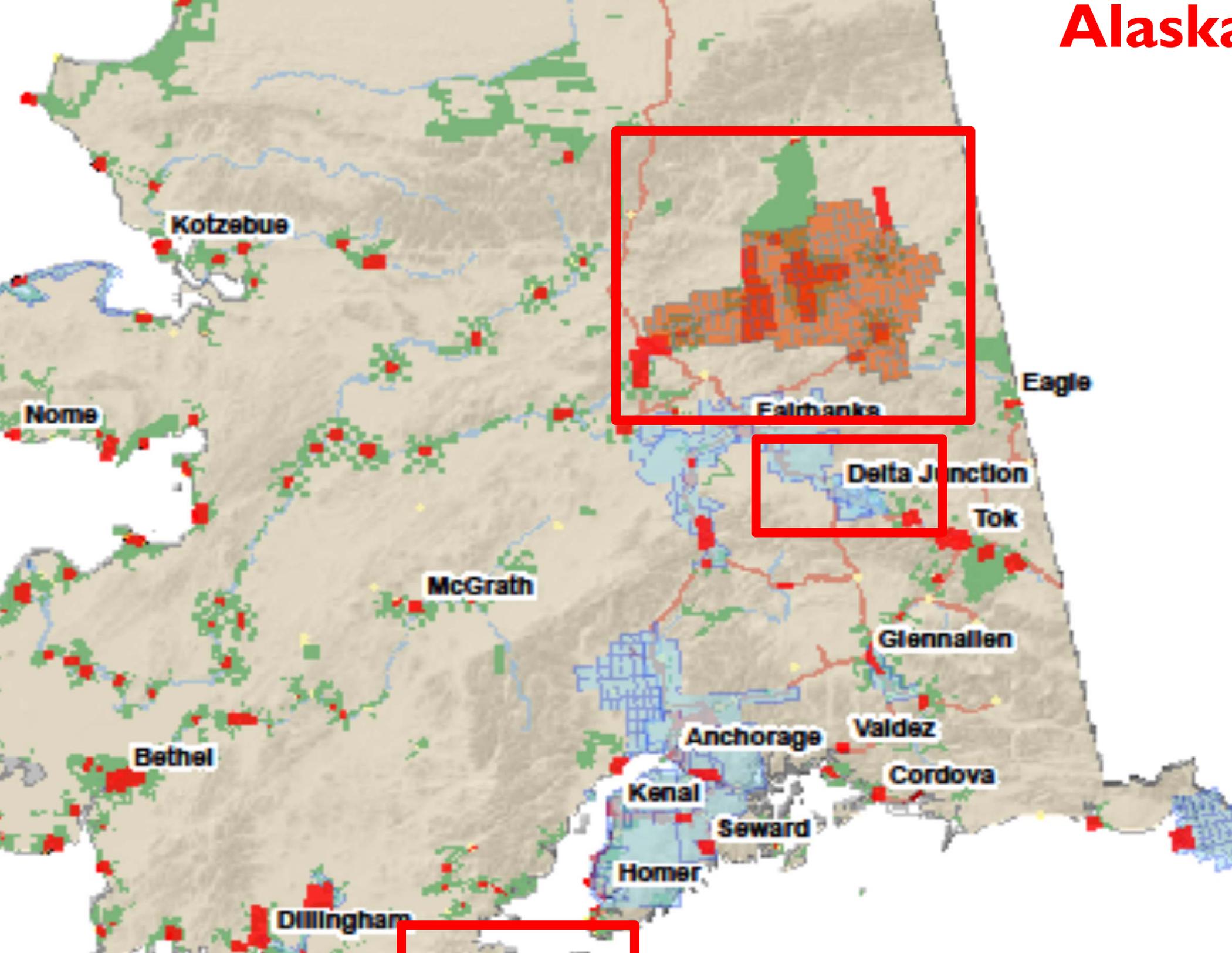
RI may vary.

**S are using the FMMI accounting system. NRC
RI and NAIP be combined into one fund that can**

**ing Services, after consulting with FMMI progr
S can combine NRI and NAIP into one funding**



Alaska





Line 11

Line 12

Line 15

Line 18

Line 19

Line 20

Line 23

Line 25

Line 29

Line 10

Line 9

Line 47

Line 50

Line 51

Line 52

Line 55

Line 58

Line 6

Line 8

Line 7

Line 6

Line 5

Line 4

Line 3

Line 2

Line 1

Line 12

Line 13

Line 15

Line 18

Line 19

Line 20

Line 23

Line 25

Line 26

Line 27

Line 29

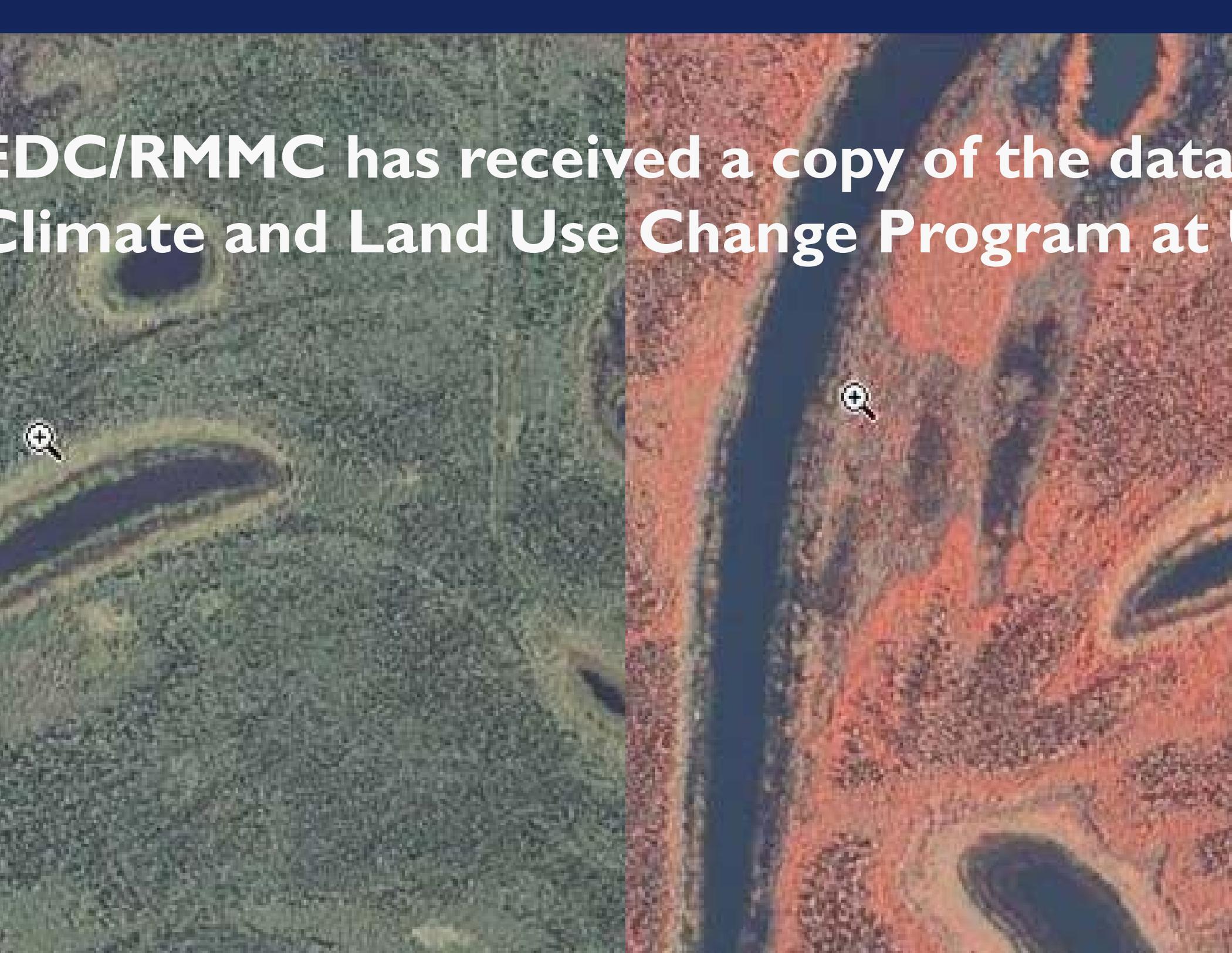
Line 30

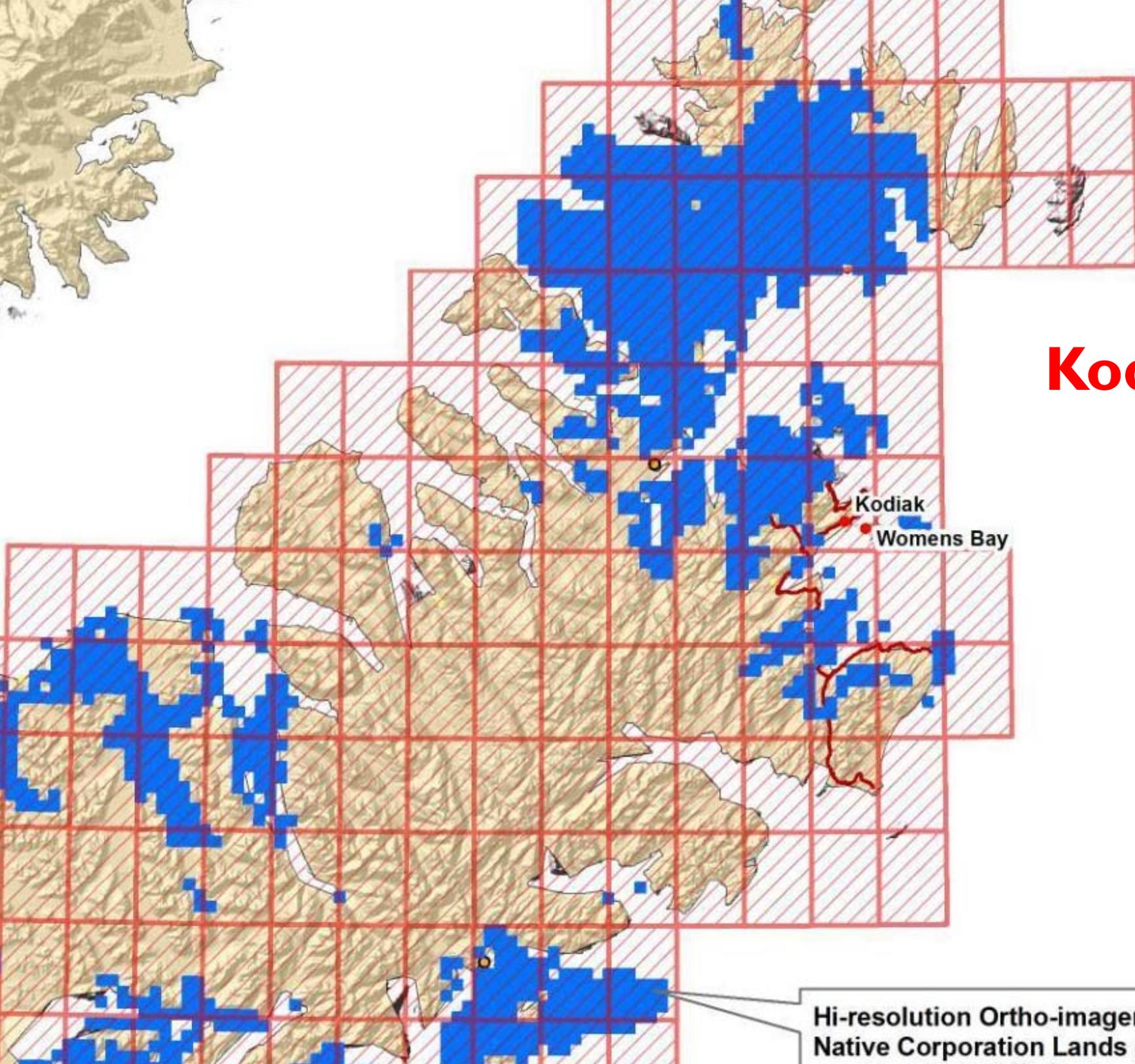
Line 31

©2012 Geotix

Image © 2012 TerraMetrics

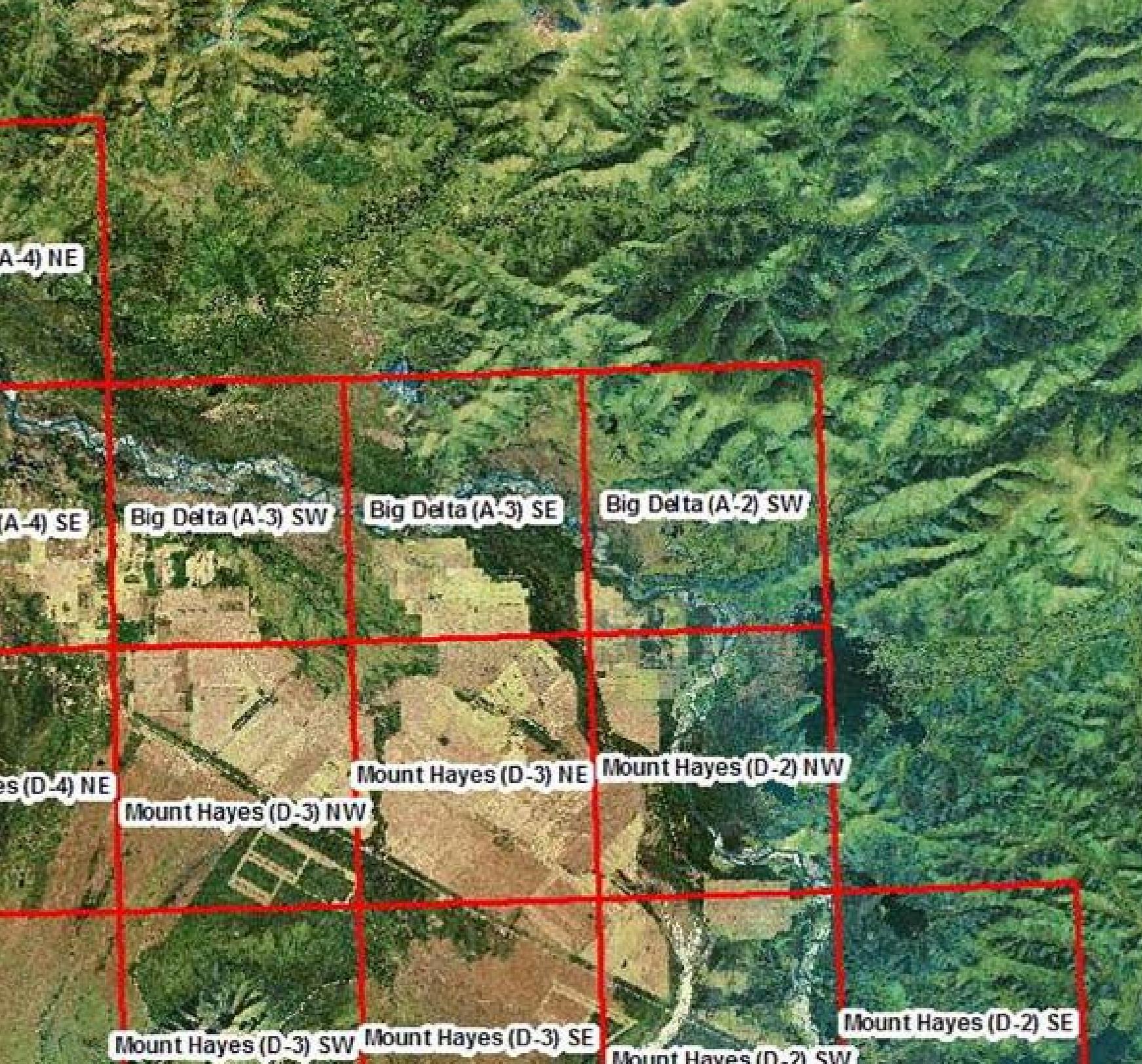
**EDC/RMMC has received a copy of the data
Climate and Land Use Change Program at U**





Kodiak and

Hi-resolution Ortho-imagery covering 1.1 million
Native Corporation Lands on Kodiak and Afognak



- Contra Alaska,
- Aerial higher
- 4 Band
- 1:12,000
- Public
- Contra
- Contra summer
- 2012 S

Discussing Hawaii and the Pacific Basin

○ Study and USDA/NDOP Mission



Director

Resources and Environment Team, GAO

GAO Assignment (Engagement)

Potential Cost Savings in Federal Government Satellite Programs

This work on the initiative of the Comptroller General pursuant to 44 CFR 101.117.

Identify key areas of potential cost savings from commercial satellite cost sharing.

Locations and sites to be visited: We are asking that each agency that are heavy users of satellite data and imagery.

Start date: 2012 Estimated completion date: February 2013

Next conference: Week of May 21

Other than USDA involved: Yes No

Assignment: IT Team

Federal Government Satellite Program

ies informed by Glenn Bethel, USDA Remote
y, 2012 of an upcoming audit by Government
y Office on Satellite Imagery acquisition act

encies using Imagery are informed (NRCS,
NASS etc...).

al Agencies such as DOI, NOAA and NASA
sitions and use Satellite Imagery.

centrally track either purchases of, or expenditures on satellite data
Please provide a point of contact for this information.

or process for purchasing or obtaining satellite or other geospatial
Provide this information.

Do you use commercial satellite data, products, and imagery? We are
interested in environmental/remote sensing data and imagery.

Which data and products (for example, NOAA or NASA products) are used

How does your agency obtain its satellite data? Through GSA
or other agencies? Through NGA's "Enhanced View" program?

Which sub-agencies are the heaviest users of satellite data, both
for government products?

What do those agencies use and how are they used?

How much do these sub-agencies spend each fiscal year on satellite

te submission on this several weeks ago. It was helpful. I do have a couple
ased from Digital Globe (purchased via USGS) you reported. I'm happy to
answers via email. If we can get things scheduled (or answered) by Septe

s Purchases: could you have received this data (free) though NGA's (Enha
ot?

nder the current Enhanced View contract)?

Pacific Basin: American Samoa data purchase: could you have received th
hy not?

nder the current Enhanced View contract)?

e total cost of the Pacific Basin purchase was 85K (USGS reported the same

General question to be answered:

CS purchase DigitalGlobe WorldView-2 via USGS
through NGA?

S

G-WV2, 8 Bands, 16 Bits Orthoimagery,
m License

plans with NDOP and USDA Imagery meetings c

ARP/RRO until August, 2012

8 Bits Orthoimagery

1:38 PM

Denice - OCIO; Plunk, Dorsey - NRCS, Fort Worth, TX; Bethel, Glenn (FAS)

ery engagement/Close out (GAO Job Code 8308842)

help earlier this year on our commercial satellite imagery engagement (o
ngement at USDA.

designed as a "scoping" study to determine whether there was a potent
and cost savings report. We determined that there was not an issue to p
product.

o that you all gave us in ensuring that we got the answers that we neede

ase let me know if you have any additional questions.

ues for USDA and other Federal Agencies

to avoid duplication of Orthoimagery acc
nation with NDOP, USDA Imagery Com
g Coordination Committee etc...

choimagery with each other.

amine new changes in NGA Satellite con

ville, MD

ngton, DC; ● Fukuhara, Paul - NRCS, Fort Worth, TX; ● Good, Dan - NRCS, Beltsville, MD; ● Hoover
ngton, DC; ● Nechero, Steven - NRCS, Fort Worth, TX; ● Parham, Tommie - NRCS, Fort Worth, TX; ●
ashington, DC

oln, NE; ● McLeroy, Kristie - NRCS, Fort Worth, TX; ● Robotham, Michael - NRCS, Lincoln, NE; ● Sm
Worth, TX; ● West, Larry - NRCS, Lincoln, NE; ● Curtis, Jan - NRCS, Portland, OR; ● Kertis, Carla -
ville, MD; ● Strobel, Michael - NRCS, Portland, OR; ● Plunk, Dorsey - NRCS, Fort Worth, TX; ● Kimr
ville, MD

oordination of Investments, Report is now available

le@ios.doi.gov]

54 PM

m@fgdc.gov)

formation

bers,

ountability Office (GAO) issued its report on Federal geospatial programs, *Geosp
Priority to Reduce Duplication* (GAO-13-94). The report is available at: <http://www.g>

SPATIAL FORMATION

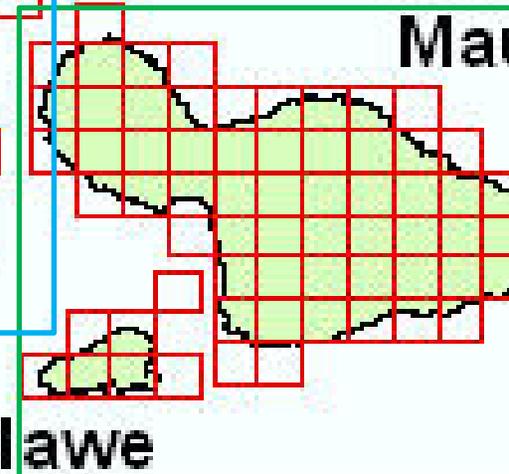
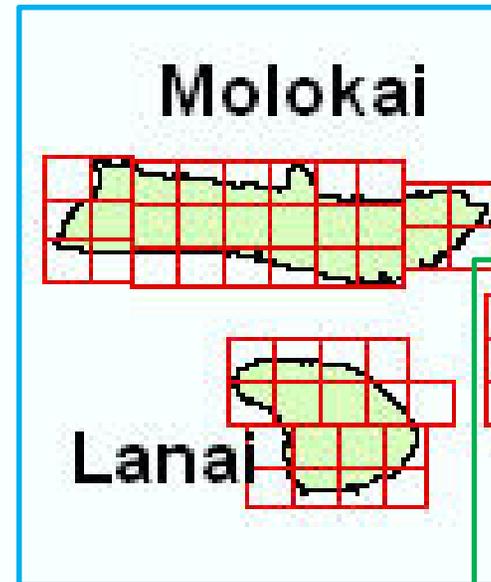
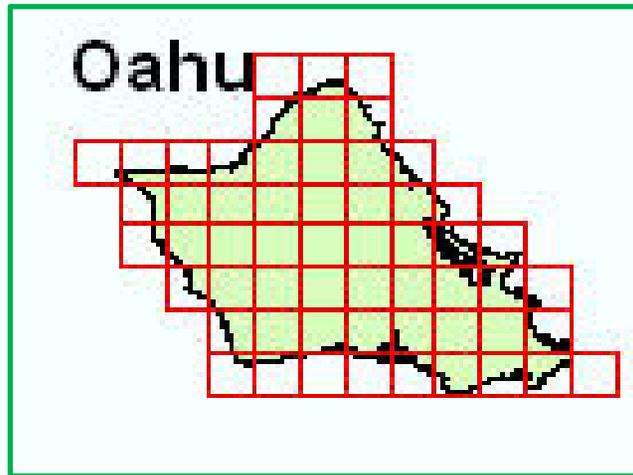
and Agencies
to Make
Coordination a
Priority to Reduce
Duplication

**USDA Geospatial
needs to examine
respond where a**

Hawaii and Pacific Basin Update

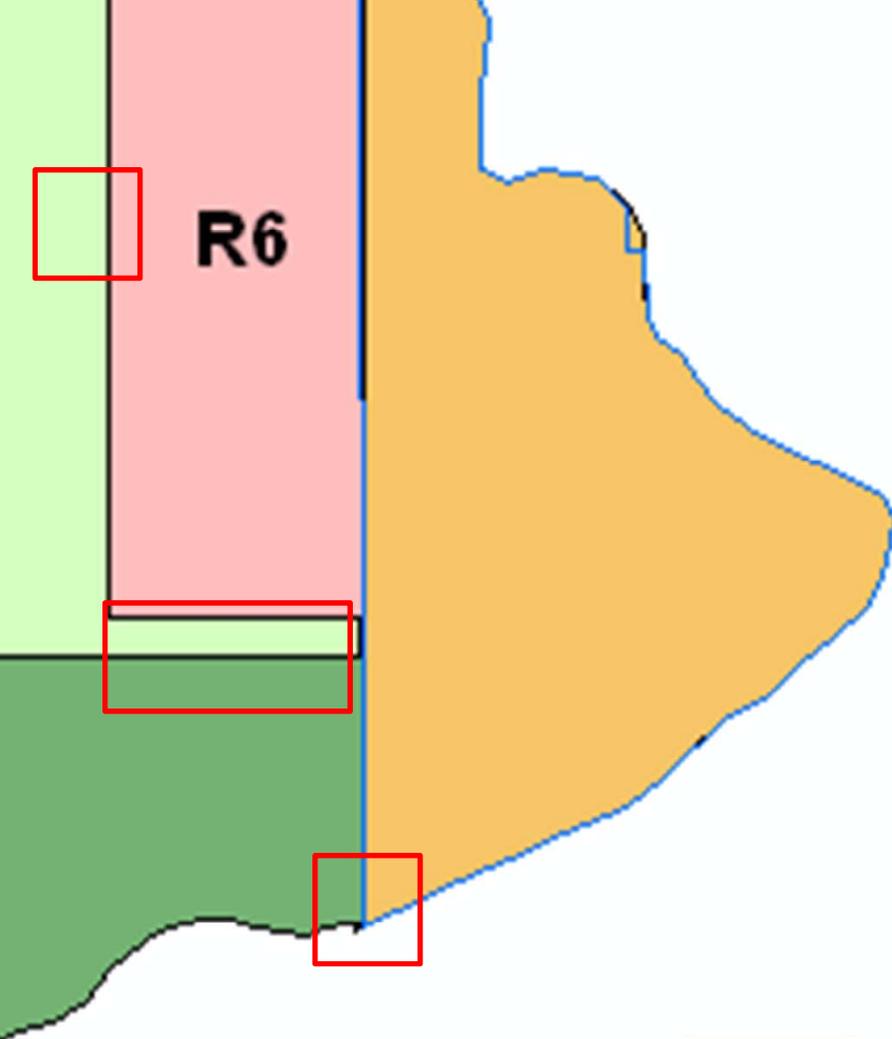


October 2012



Hawaiian Islands

diverged in 2010-2012 except Hawaii



 WV2 Orthoimagery Delivered in 2010

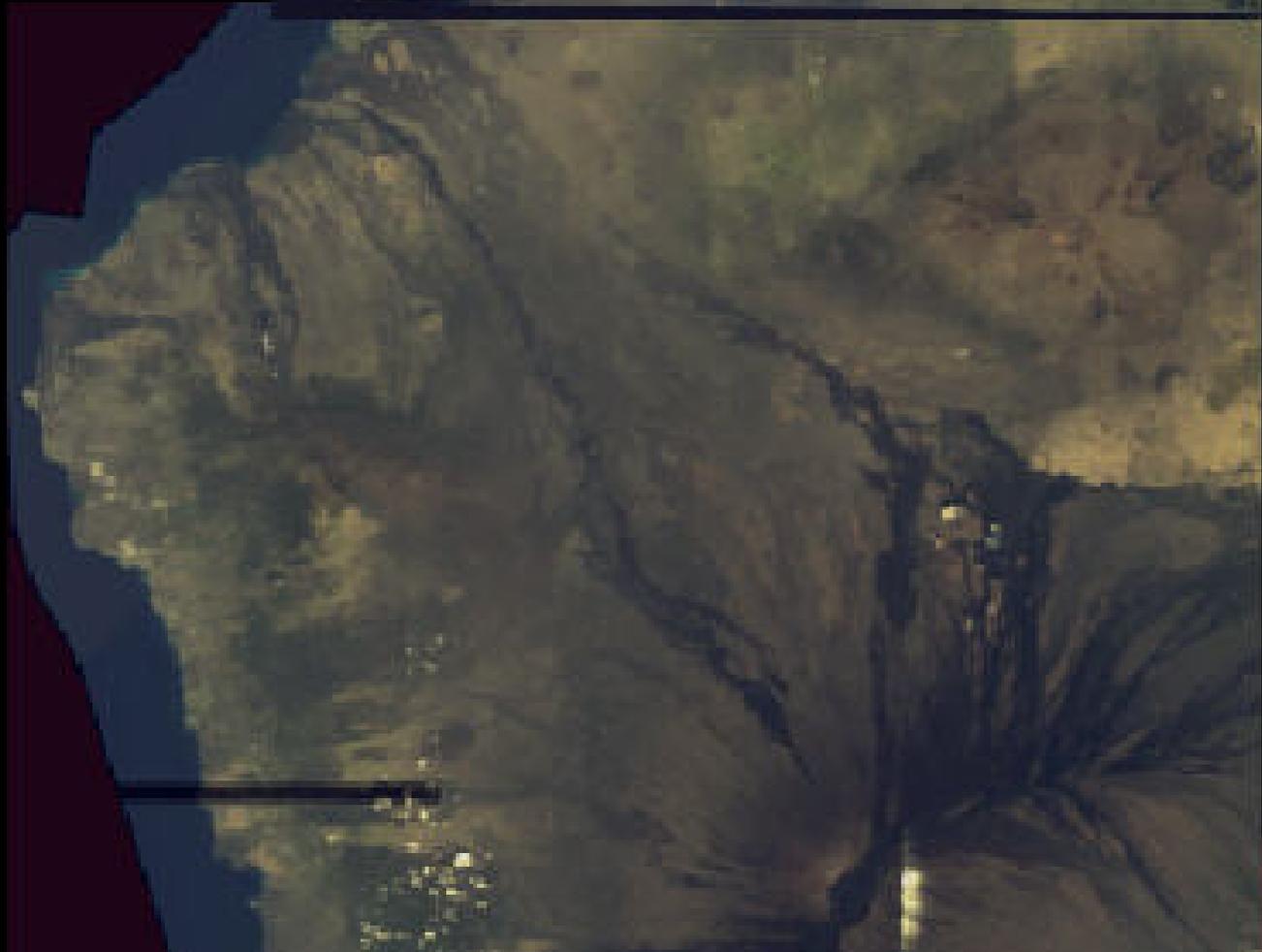
 Region R3 = 2499 KM2

Region R4, R5, R6 = 7,080 KM2





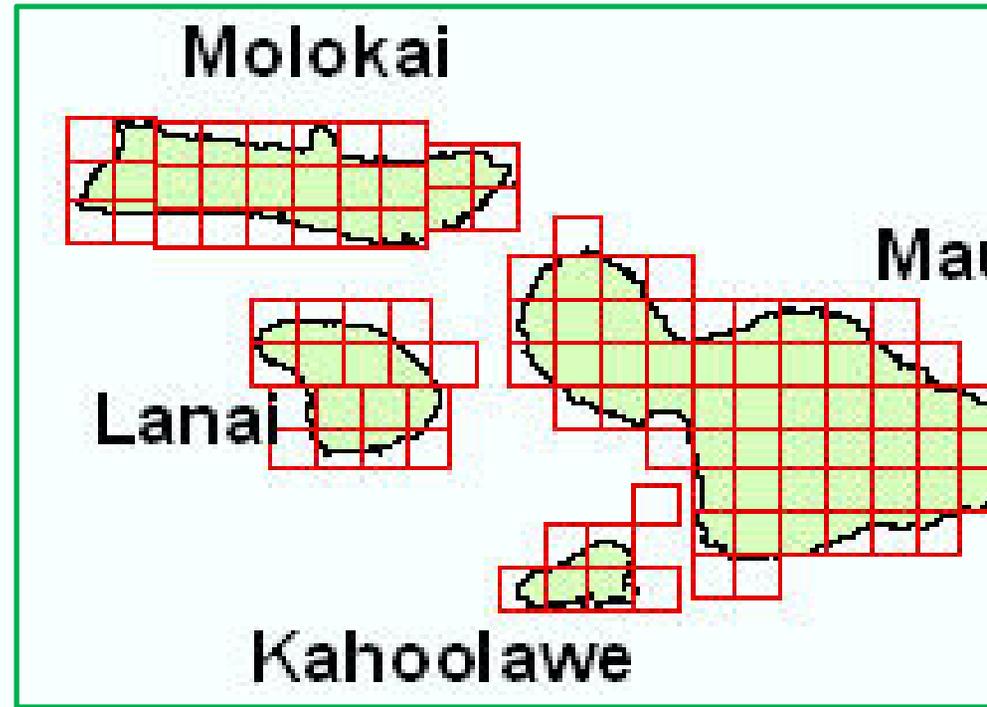
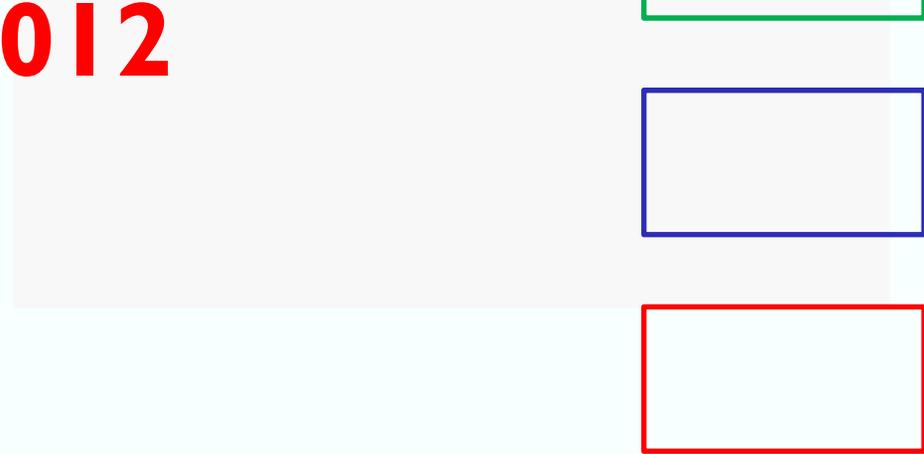
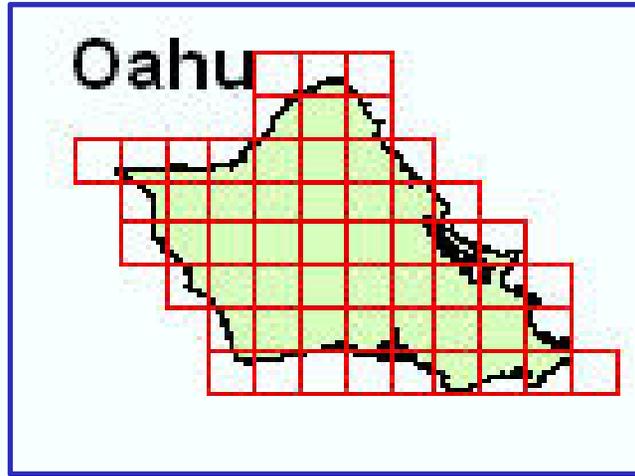
DG-WV2



sking:

10000 0/100 10

December 2012



**Hawaii, Maui, Lanai,
RFP Specifications:**

Resolution

ional

3/1/2012 – 6/1/2013

3

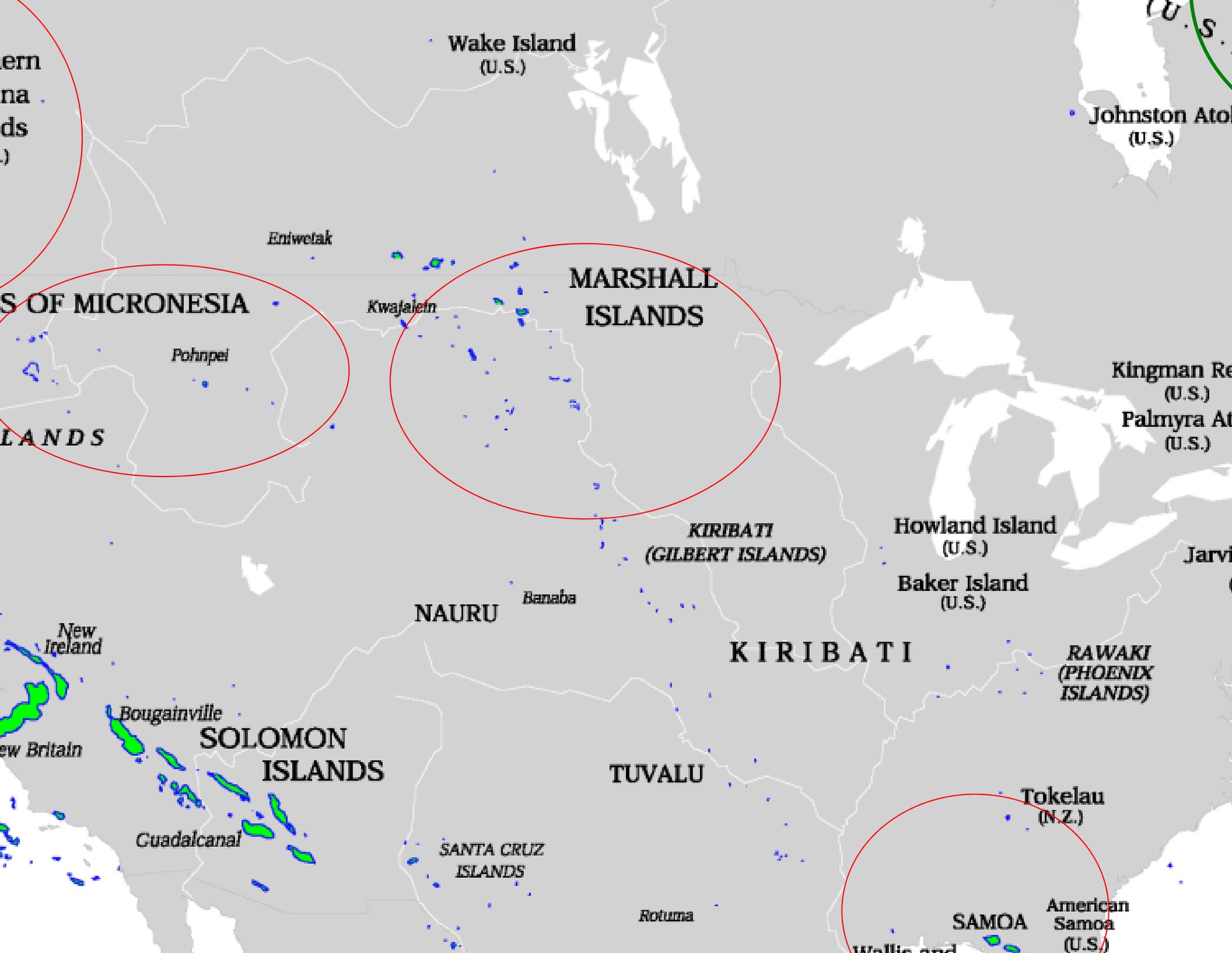
Kauai and Niihau.(2009-

e a new DG-WV2 dataset?



Imagery
.5 Mete
8 Multi-
Enterpr





ern
na
ds
)

(U.S.)

Wake Island
(U.S.)

Johnston Atoll
(U.S.)

Eniwetok

MARSHALL
ISLANDS

Kwajalein

STATES OF MICRONESIA

Pohnpei

Kingman Reef
(U.S.)

Palmyra Atoll
(U.S.)

ISLANDS

KIRIBATI
(GILBERT ISLANDS)

Howland Island
(U.S.)

Baker Island
(U.S.)

Jarvis Island
(U.S.)

NAURU

Banaba

KIRIBATI

RAWAKI
(PHOENIX
ISLANDS)

New
Ireland

New
Britain

Bougainville

SOLOMON
ISLANDS

TUVALU

SANTA CRUZ
ISLANDS

Guadalcanal

Tokelau
(N.Z.)

Rotuma

SAMOA

American
Samoa
(U.S.)

Wallis and
Futuna

nt List of Pacific Basin Areas received in FY2012

(Tutuila, East & West Manua, Swain, Rose) Com

USGS Contracts and NGA): 24 Islands/Atolls

f the Mariana Islands: Saipan and Rota

of Micronesia: Chuuk Islands, Ant Atoll

a

following (DG-WV2, 8 Band)



USDA-NRC

a:

Manua, West Manua

of the Northern Mariana Islands:

an, Rota

Additional Issues with new DG-WV2 Datasets?

**Feedback that one sample dataset in the Pa
I with a previously released NOAA (Ikonos**

S will examine the 7 islands above for posit

priorities for 2012:

Coverage), USFS Funding available

the Northern Mariana Islands (Remaining Island

remaining High Population islands not completed

should have around \$ 80,000 or more in 20



- **Basic Specification is 1 feet, GSD, 4 Band (including IR) for all islands**
- **Puerto Rico including outlying islands and all of the US Virgin Islands**

islands Review 000011.pptx : Here is a snippet of Teresa's comments:

ages and geographic information have characteristics that may indicate a project touched by many hands. There is a lack of consistency in tile quality, and contrasts along tile boundaries that are the norm rather than the exception. While there are some large data gaps, both in black areas in extant tiles, three tiles with missing header information: 100, 100-8, 743-7, and 817-21.

difficulties in resolution, especially in the steeper areas either around towns or in the highlands. As evidence of a curve around an elevated area, usually denoting an elevation spike. The elevation resolution also has some compression stress, and an indeterminate amount of instances of multiple images to cover strained photographs.

The USACE reviewed Kimball's initial delivery. The CORPS found problems with 225 of the 1,043 details of the CORPS' report can be found in the document titled "USACE PRIISVI Ortho

the USDA reviewed Kimball's initial delivery. The complete details of Charlotte's report can be found in the document titled "USACE PRIISVI Ortho Review July 2011.pptx". Here is a snippet of Charlotte's comments:

ived

ed projection information

size and units

ite)

ve white clips

R imagery for Culebra

RGB than IR TIFs

to the RGB files were found in Puerto Rico mainland than the surrounding islands

owns exist in some TIFs

DNs appear abnormal for 3-band red, green, near IR imagery

ent with 2007 imagery (Approx 1 m) displacement

ent with 2007 imagery (Less than 3m displacement)

larly in eastern Puerto Rico islands and USVI)





olor
cing

ct with A/E Vendor (Kimball) was legally
2 for failure to perform contracted work

delivered all Aerial Imagery collected from

ned necessary aerial imagery and ancillary
Kimball was unable to accomplish.

ompleted processing of US Virgin Islands

NAIP 2012	1,700,000
USDA/USGS SIA	75,000
High Res Satellite	46,000
Am Samoa/Oahu (LiDAR/Imagery)	102,500
Elevation	~ 325,000

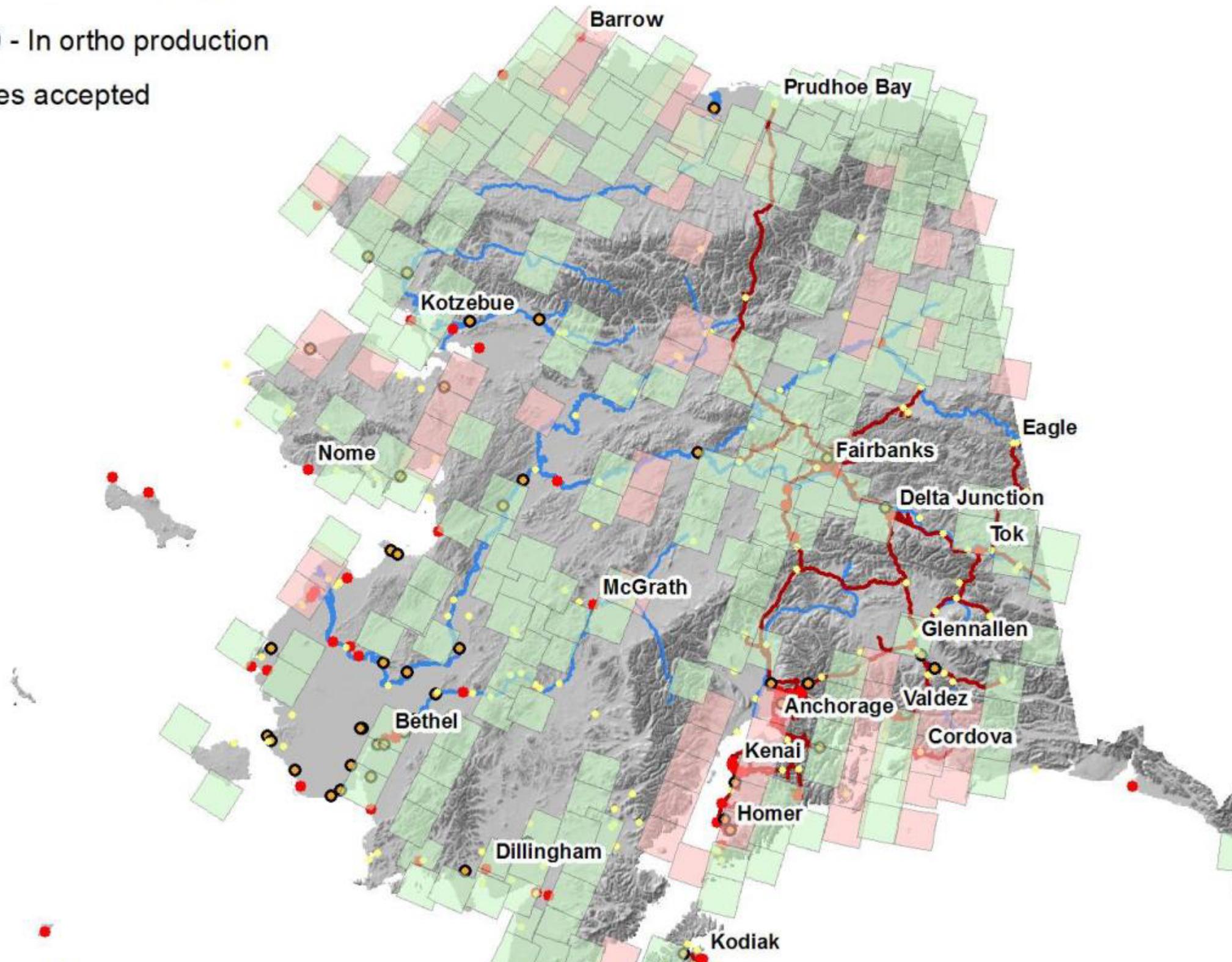


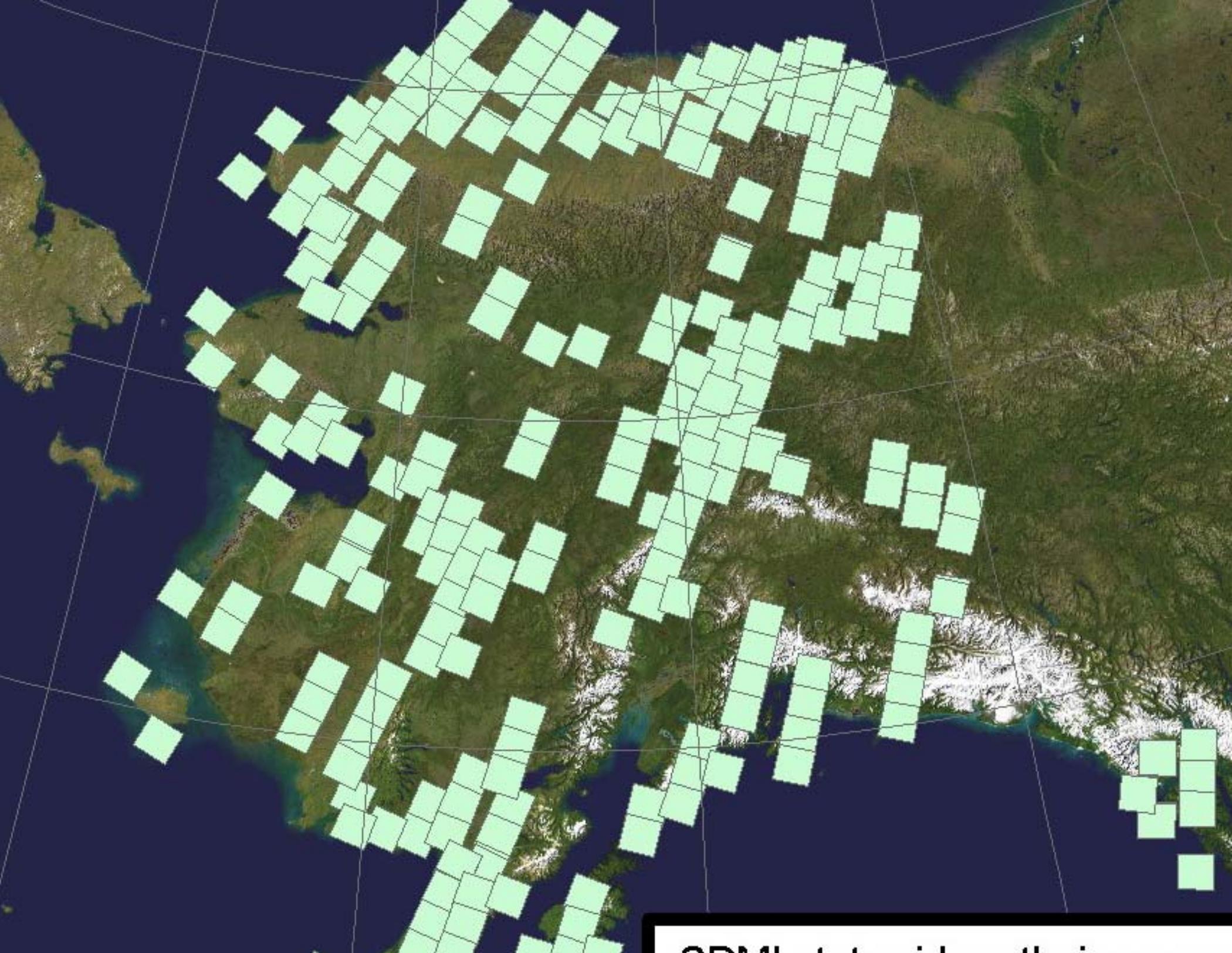
End
Sequo

Genes Accepted

10 - In ortho production

Genes accepted





CDM 1000 m grid

has been asked to contribute towards a
t 4/5 buy for \$ 250,000 in 2012 for Alas

s for entire archive collected in 2012.
1st to September 1st.

250K) is to be made annually (per cale

and Panchromatic data is the delivery
ta is not included!

Alaska SDMI has already funded com
Alaska (2009-2013) with Spot 5 (2.5 Me
). Phase II requires additional funding.

mplete tasking of the Spot 5 sensor in

successfully acquired 40% of the state.

e delivered is Multi-Spectral, Pan and P

%.