

Call 909

Storm & Hurricane (Rural area), Storm & Hurricane (Urban areas & Infrastructure), Landslide in PHILIPPINES

Satellite Data											
Satellite Identification	Imaging Mode	Start Time	End Time	Side-lookin g Angle	Used Payloads	Orbit Number	Receiving Ground Station	Imaging Target	Priority Level	Operator	PAN Gain (B2/B3/B4)
CBERS04	recording	2022-11-03.02:03:00	2022-11-03.02:10:30	1.98	MUX+WFI	41432		Philippines	emergency	INPE	
CBERS04	recording	2022-11-03.08:49:15	2022-11-03.08:56:45	1.98	PAN+IRS	41437		Africa	routine	INPE	High (6/6/5)
CBERS04	playback	2022-11-04.02:19:15	2022-11-04.02:26:45	1.98	PAN+IRS+MUX+WFI	41447	Cuiaba		emergency	INPE	

IACPP_IN.txt

CBERS-4

Call-909-13

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122.2265 128.2265 3.0700 9.0700

TLE-CBERS4-31102022.dat

0 8

31/10/2022 00:00:00

06/11/2022 00:00:00

5.0

LINE 1: SATN = SATELITTE NAME (CHAR*50)

LINE 2: REGN = REGION NAME (CHAR*70)

LINE 3: REQUIRED REPORT LOCAL TIME DISTANCE FROM UTC (HOURS) (i.e., -3 = Brasilia)

LINE 4: LONG0 LONG1 LAT0 LAT1 = INITIAL LONG., FINAL LONG., INITIAL LAT., FINAL LAT. (DEGREES)

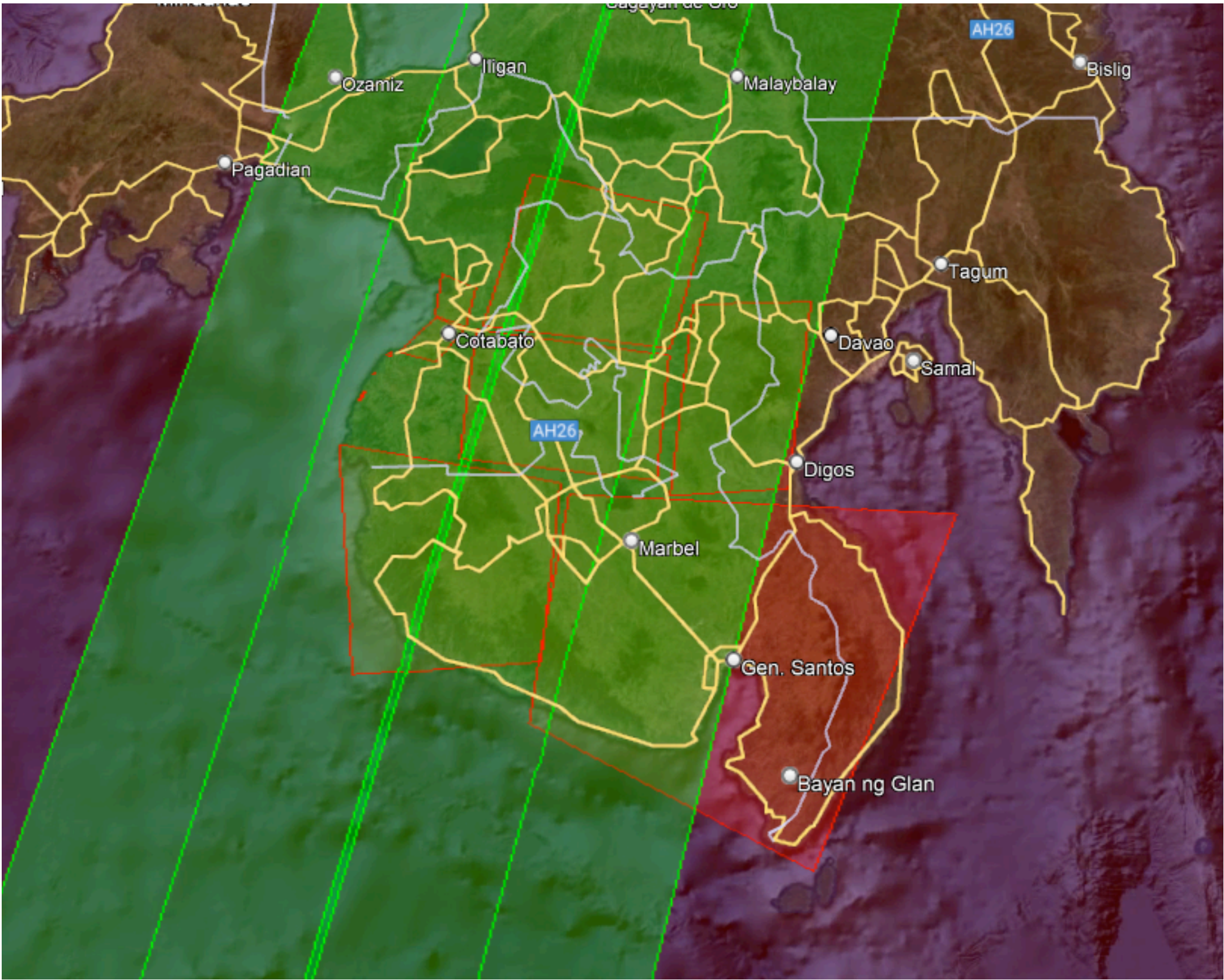
LINE 5: TLEFN = TLE FILE NAME (CHAR*70)

LINE 6: ALFA BETA = OFF-NADIR VIEW ANGLE, FIELD OF VIEW ANGLE (DEGREES)

LINE 7: INI_TIME = INITIAL TIME FOR THE SEARCH (DD MM AAAA HH:MM:SS.SSS)

LINE 8: END_TIME = FINAL TIME FOR THE SEARCH (DD MM AAAA HH:MM:SS.SSS)

LINE 9: STEP = TIME STEP OF THE SEARCH (SECONDS)



Layers

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BRUFE250GC_SIR

BRMUE250GC_SIR

ne_10m_populated_places

909

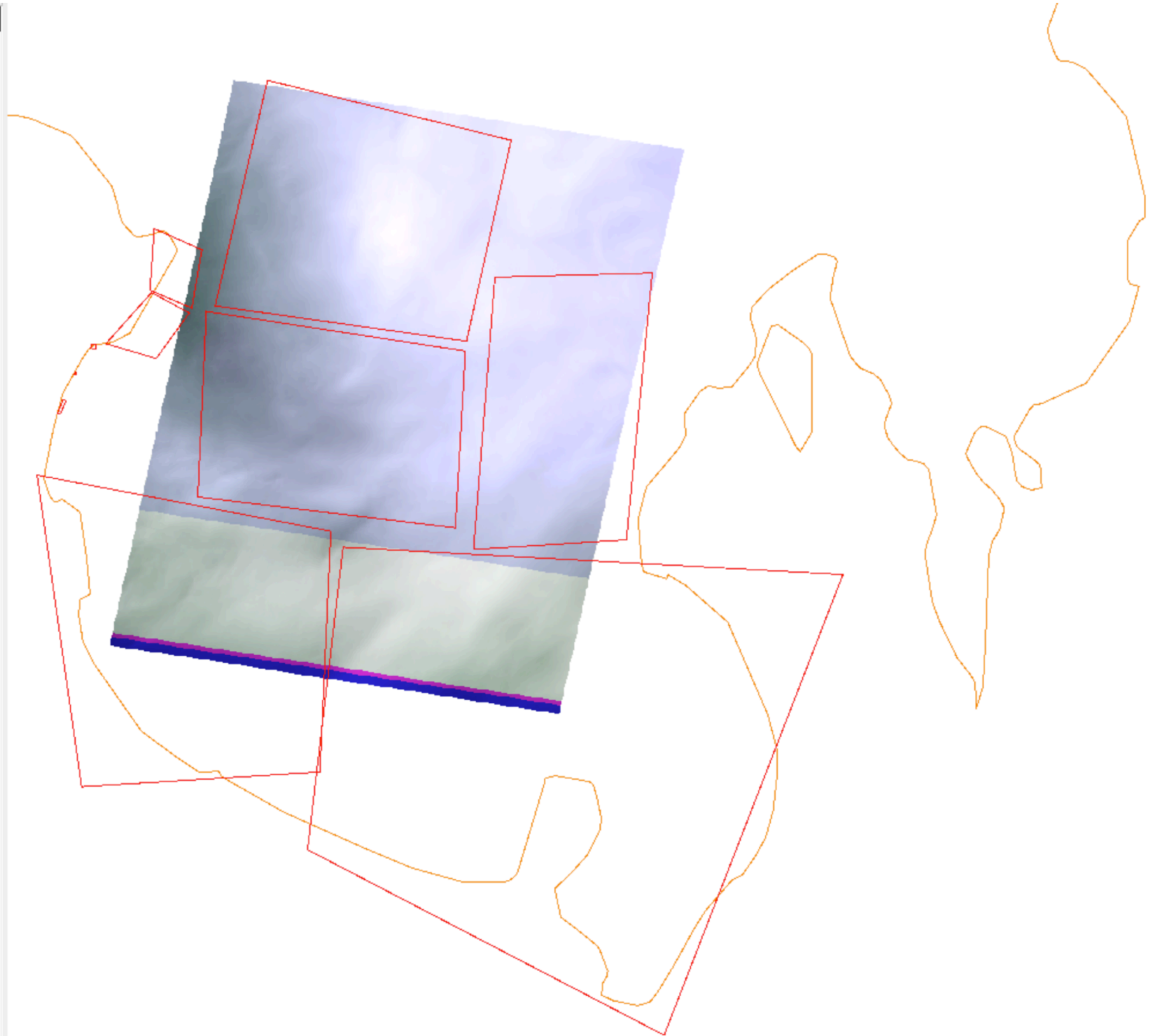
World_Countries

CBERS_4_AWFI_20221103_357_087.png

CBERS_4_AWFI_20221103_357_093.png

CBERS_4_MUX_20221103_357_092.png

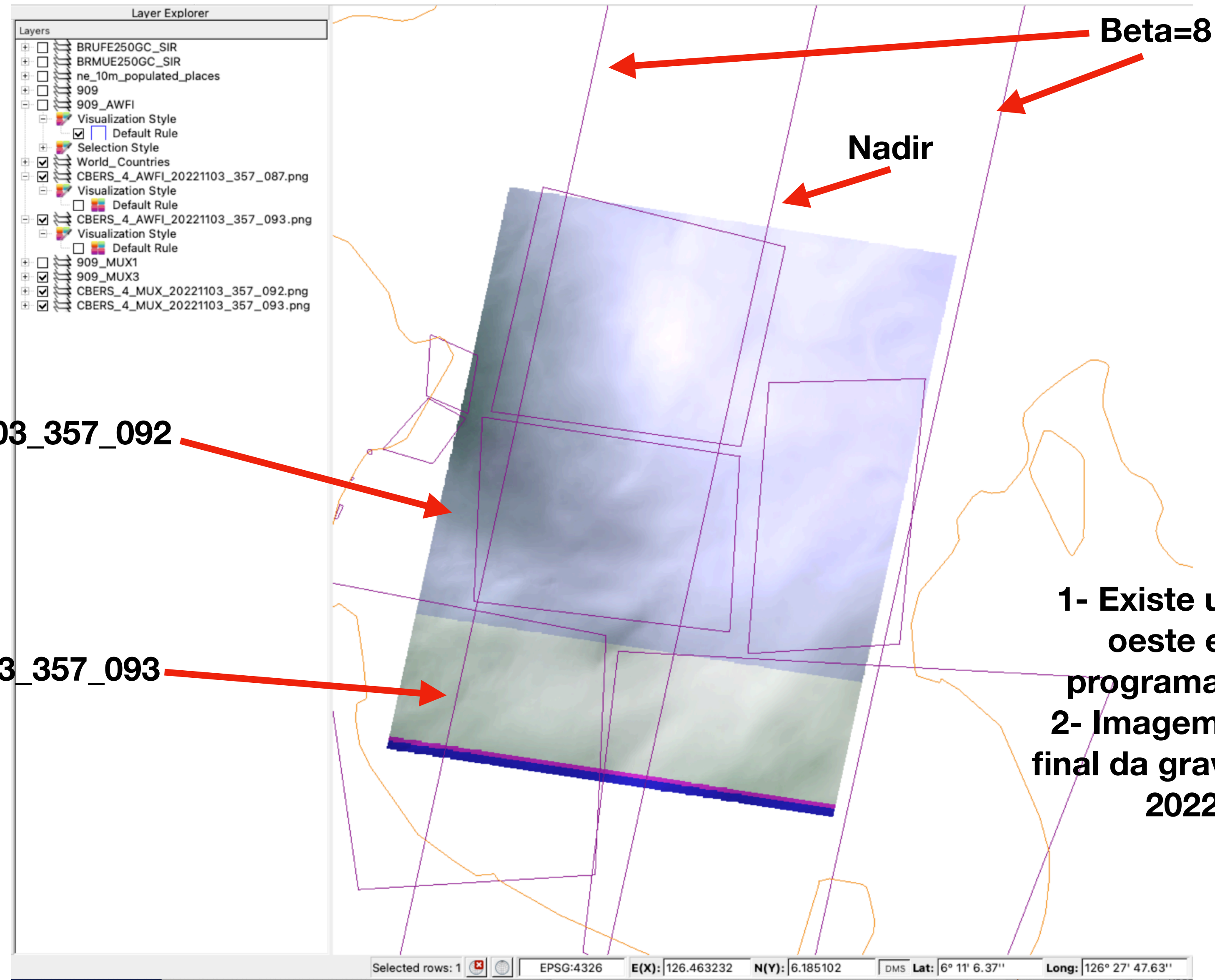
CBERS_4_MUX_20221103_357_093.png



<viewing>
<begin>2022-11-03T02:09:34.931</begin>
<center>2022-11-03T02:09:43.868</center>
<end>2022-11-03T02:09:52.805</end>
</viewing>

MUX

CBERS-4 03/11/2022 02:09:40.946 4.4092

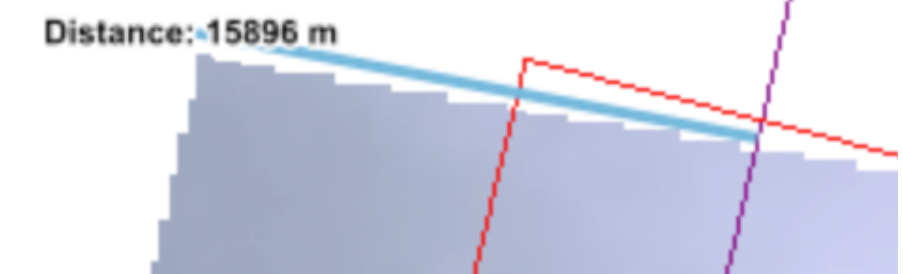


CBERS_4_MUX_20221103_357_092

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<viewing>
<begin>2022-11-03T02:09:19.885</begin>
<center>2022-11-03T02:09:28.822</center>
<end>2022-11-03T02:09:37.760</end>
</viewing>
<reception>
<begin>2022-11-04T02:26:22.514</begin>
<center>2022-11-04T02:26:31.453</center>
<end>2022-11-04T02:26:40.392</end>
</reception>
```

CBERS_4_MUX_20221103_357_093

```
<viewing>
<begin>2022-11-03T02:09:34.931</begin>
<center>2022-11-03T02:09:43.868</center>
<end>2022-11-03T02:09:52.805</end>
</viewing>
<reception>
<begin>2022-11-04T02:26:37.562</begin>
<center>2022-11-04T02:26:46.509</center>
<end>2022-11-04T02:26:55.456</end>
</reception>
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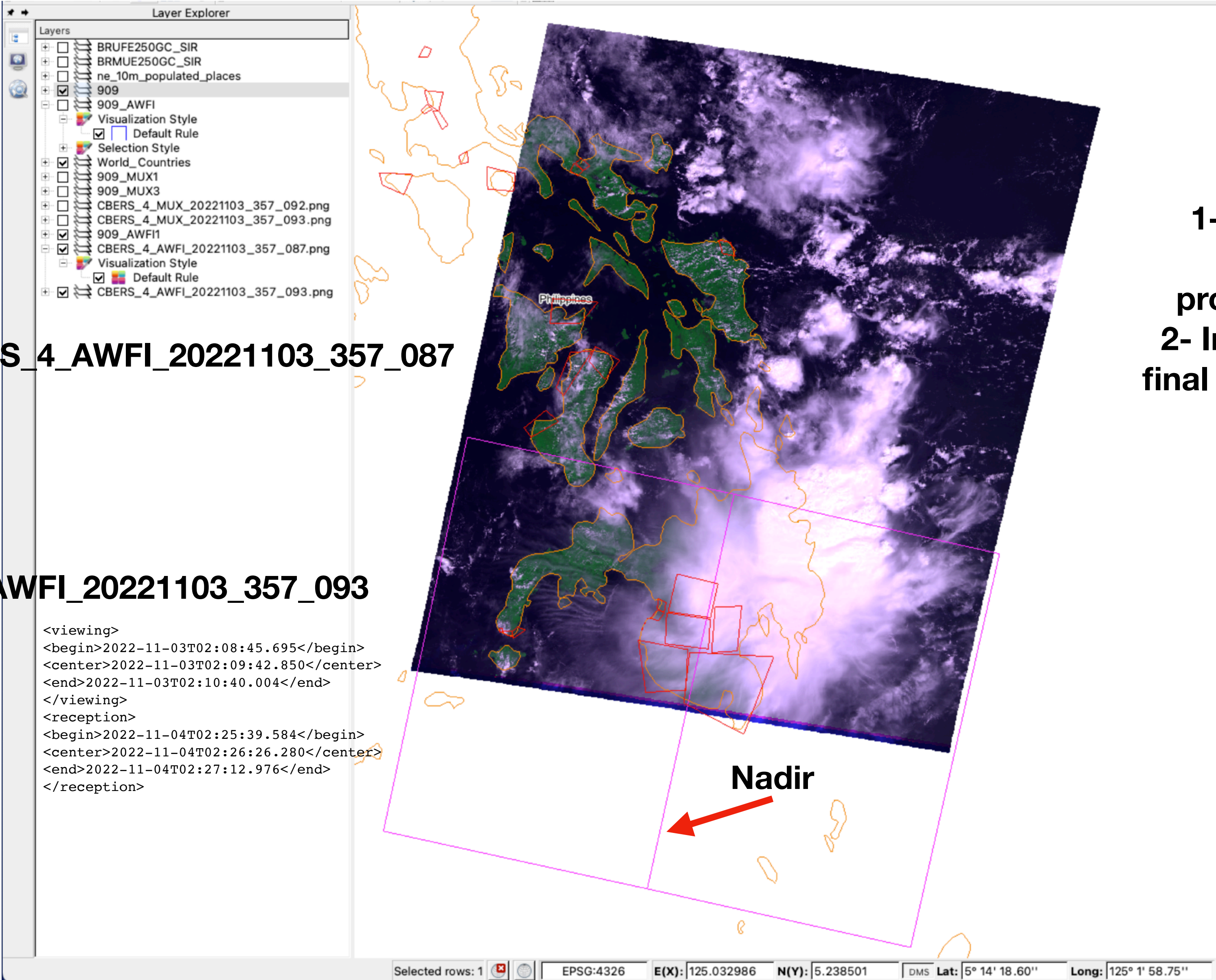


Avaliação

- 1- Existe uma diferença de ~15km à oeste e 3,5 km à leste entre o programado e a imagem adquirida
- 2- Imagem foi interrompida antes do final da gravação (2022-11-03.02:10:30)
2022-11-03T02:09:52.805

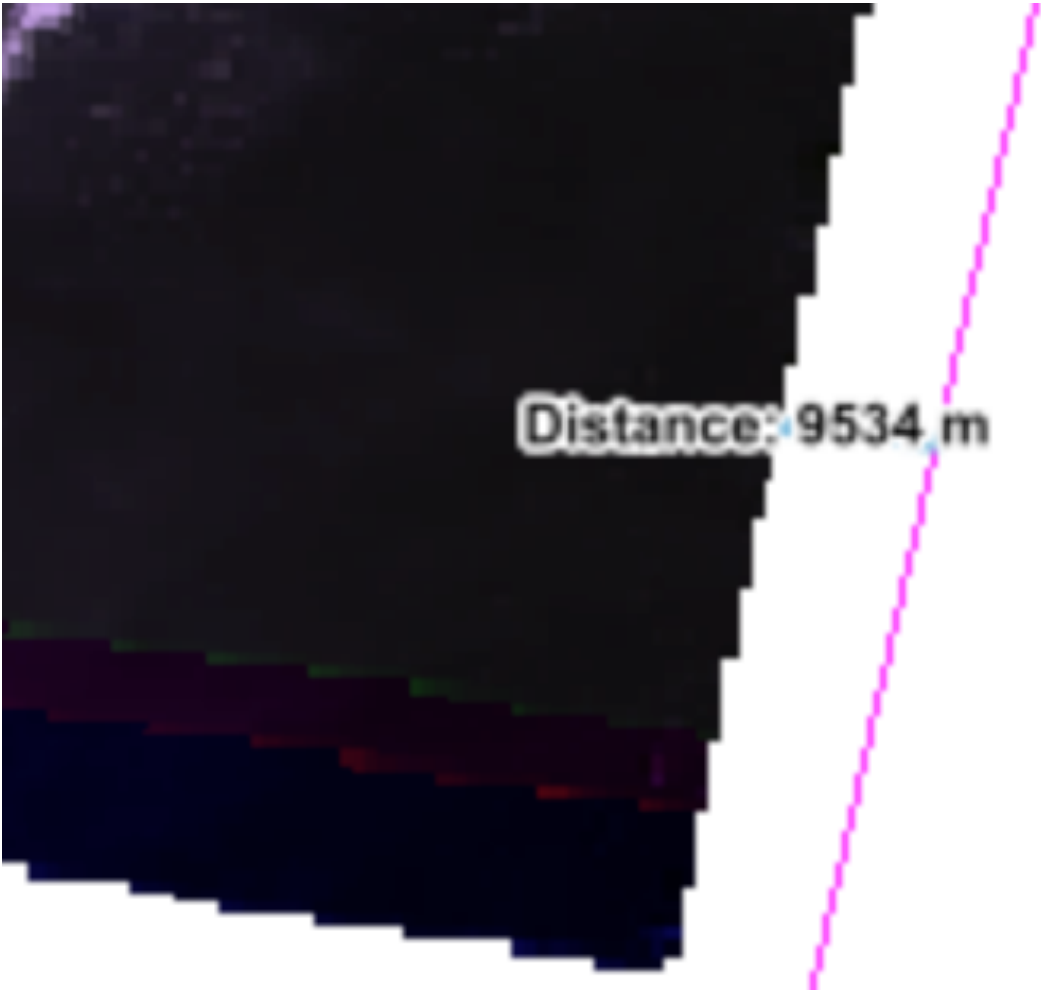
AWFI

CBERS-4 03/11/2022 02:09:40.946 4.4092



Avaliação

- 1- Existe uma diferença ~10km à oeste e à leste entre o programado e a imagem adquirida
- 2- Imagem foi interrompida antes do final da gravação (2022-11-03.02:10:30)
2022-11-03T02:09:52.805



Erro estimado 10Km