

Fig. A  
(1a)

Nov. 14, 2014 - Apr. 15, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

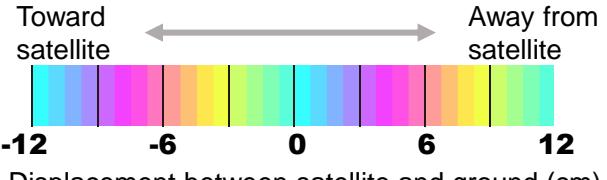
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(1b)

Nov. 14, 2014 - Apr. 15, 2016

33°0'

N

32°54'

32°48'

32°42'

0

5

10 km

130°36'

130°42'

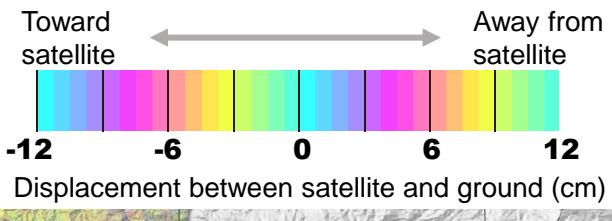
130°48'

130°54'

131°0'

131°6'

Flight Dir.  
Beam Dir.



Analysis by GSI from ALOS-2 raw data of JAXA

**Fig. A  
(2a)**

May 18, 2015 - Apr. 18, 2016

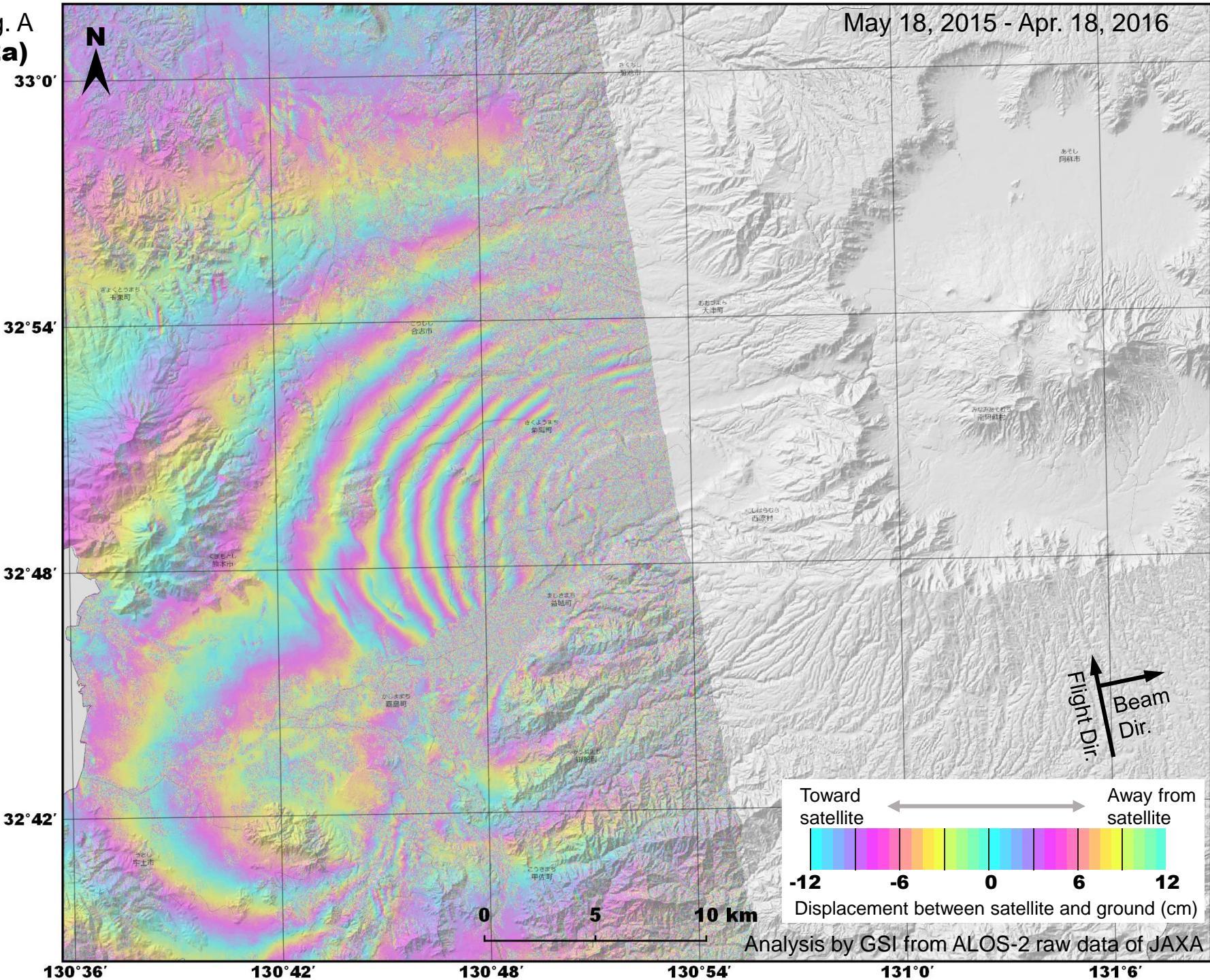


Fig. A  
(2b)

May 18, 2015 - Apr. 18, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

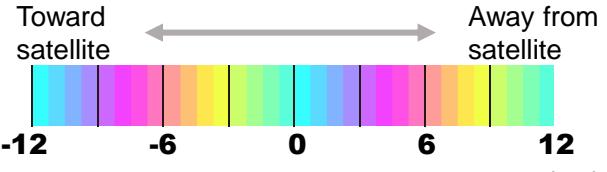
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(3a)

Mar. 07, 2016 - Apr. 18, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

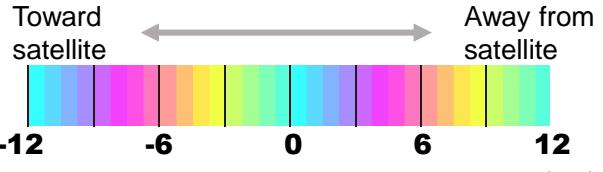
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Beam Dir.  
Flight Dir.

Fig. A  
(3b)

Mar. 07, 2016 - Apr. 18, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

0 5 10 km

Analysis by GSI from ALOS-2 raw data of JAXA

Beam Dir.  
Flight Dir.

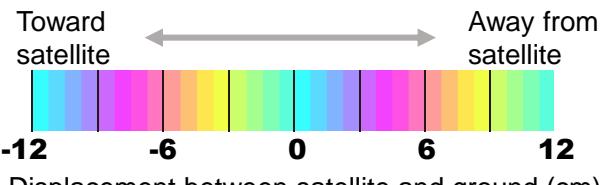


Fig. A  
(4a)

Feb. 10, 2015 - Apr. 19, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

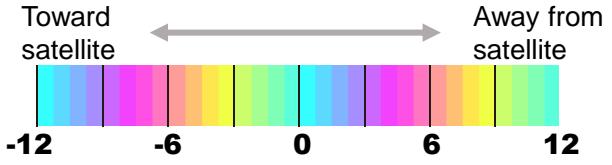
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(4b)

33°0'

Feb. 10, 2015 - Apr. 19, 2016

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

10 km

Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

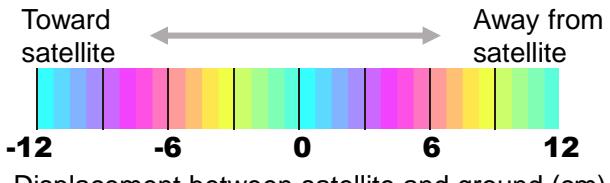


Fig. A  
(5a)

33°0'

Jan. 26, 2016 - Apr. 19, 2016

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

0

5

10 km

Toward  
satellite

-12

-6

0

6

12

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA



Fig. A  
(5b)

33°

Jan. 26, 2016 - Apr. 19, 2016

N

33°0'

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

0

5

10 km

Toward  
satellite

-12

-6

0

6

12

Away from  
satellite

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam  
Dir.

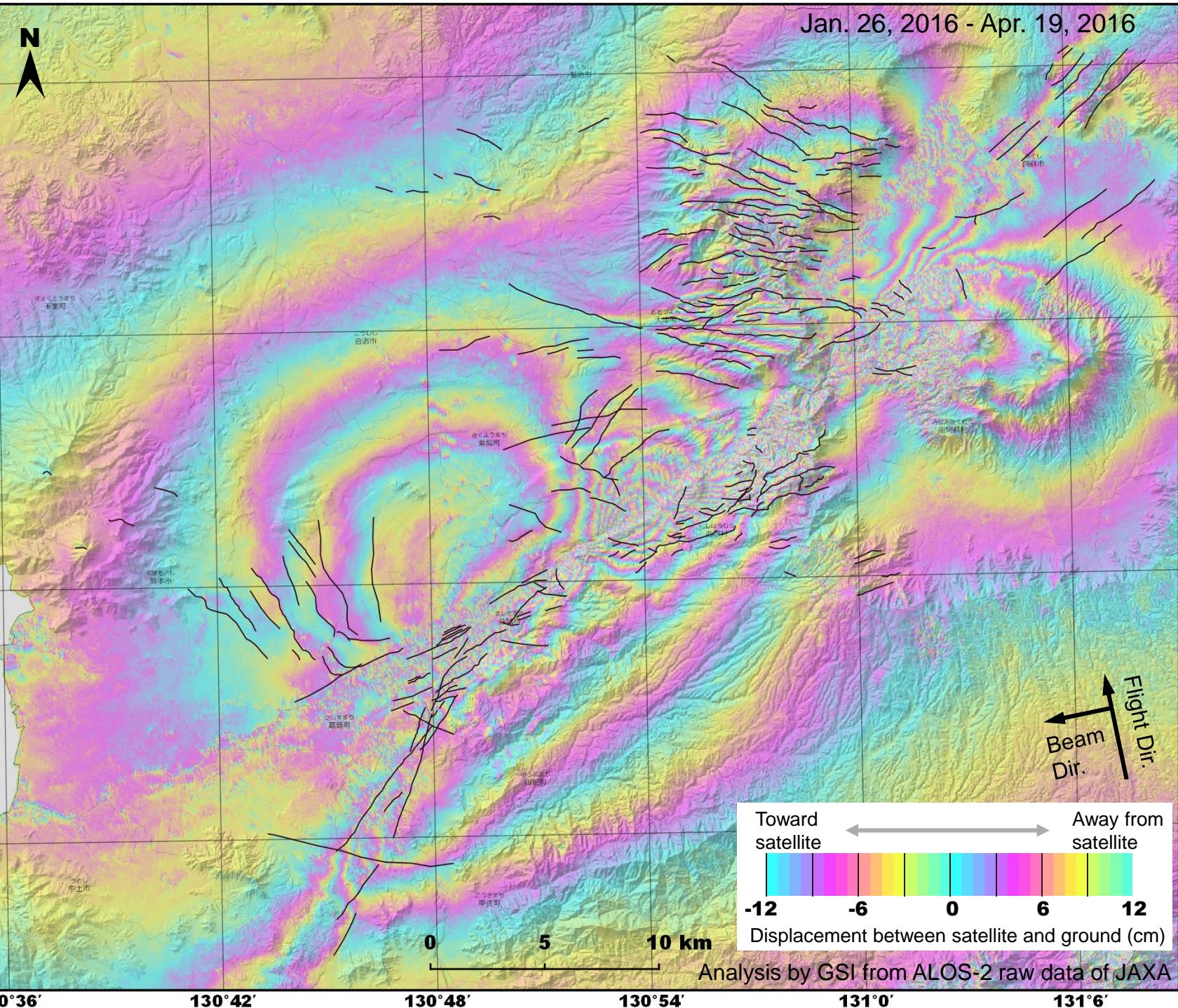
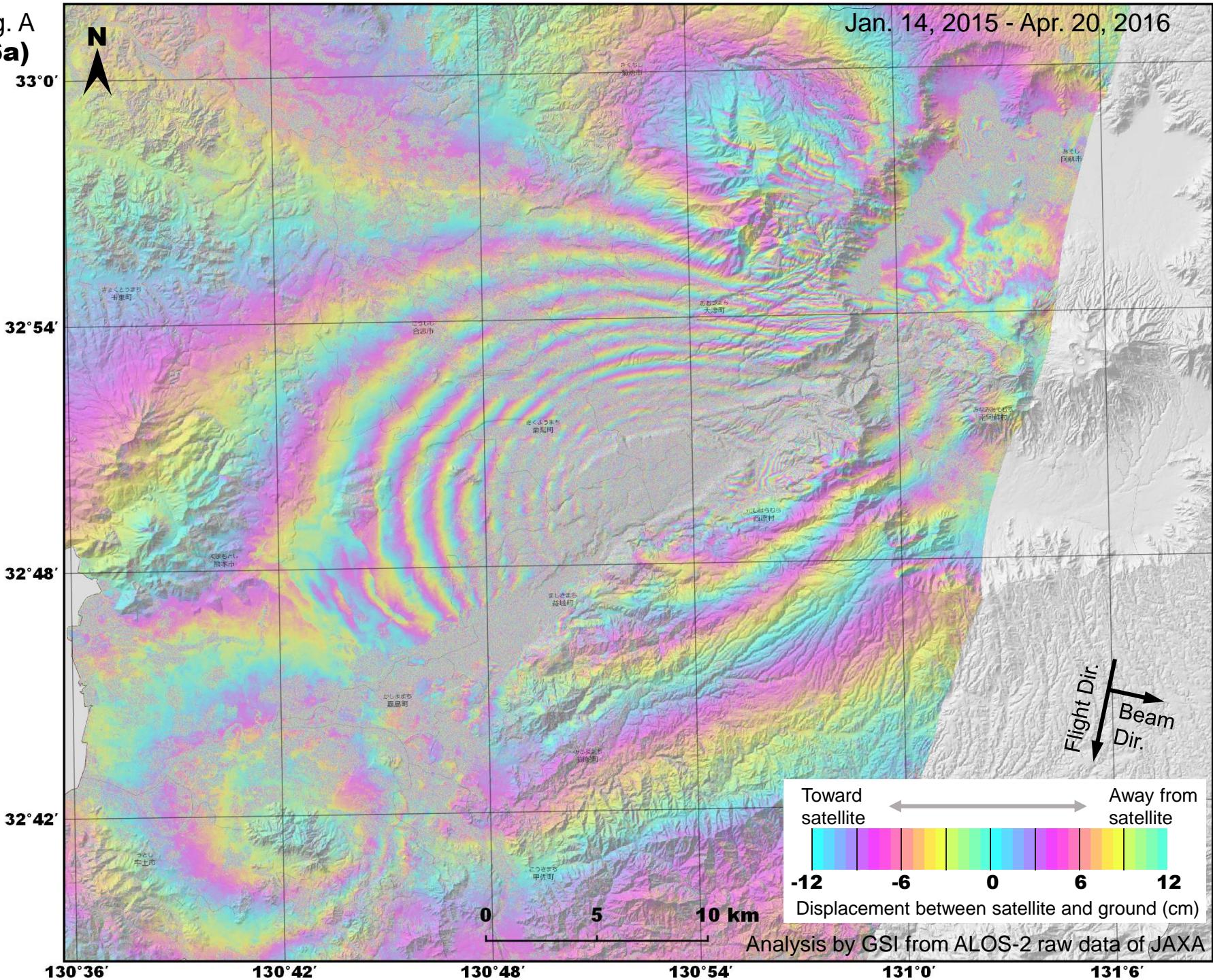


Fig. A  
(6a)



**Fig. A  
(6b)**

Jan. 14, 2015 - Apr. 20, 2016

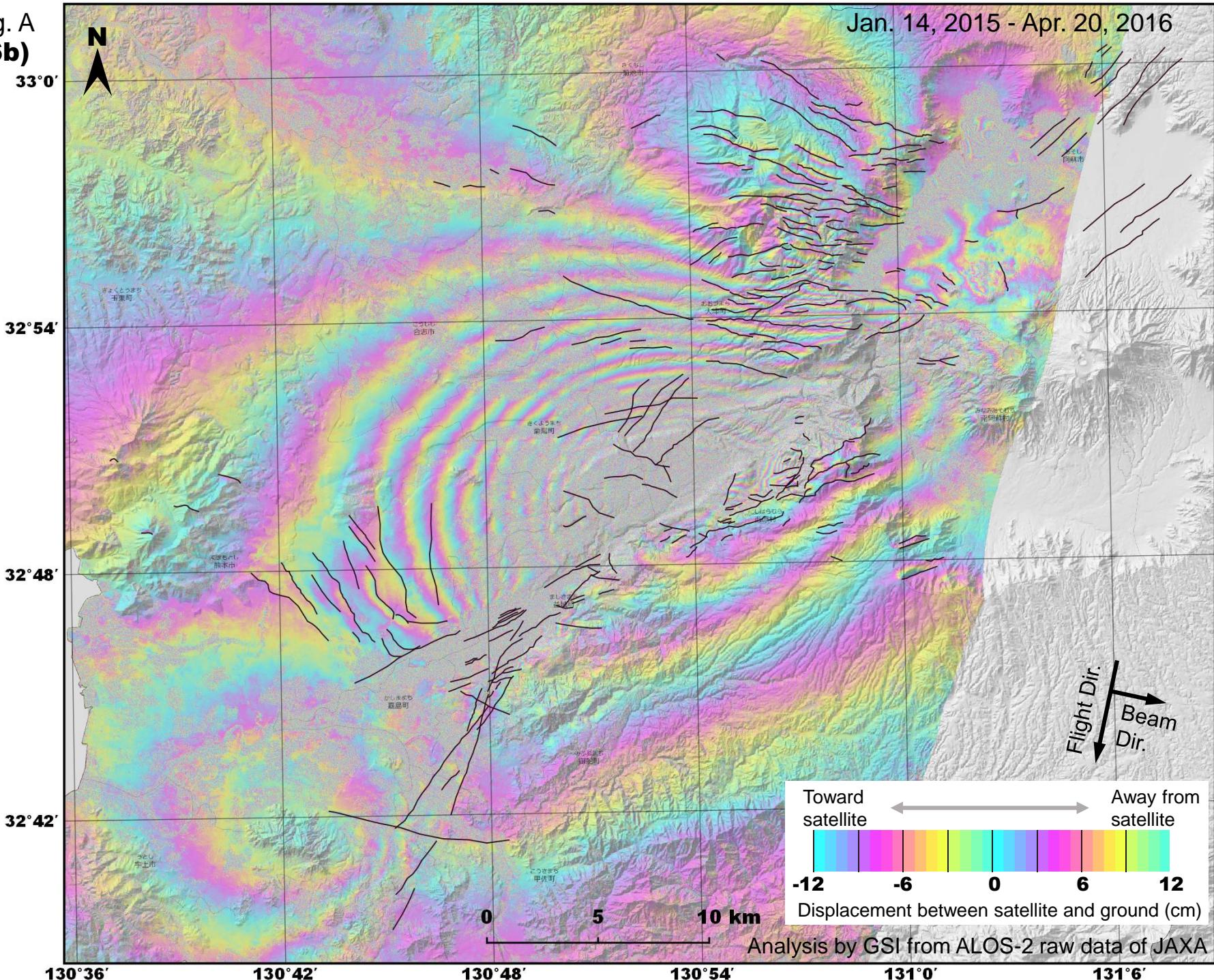


Fig. A  
(7a)

Dec. 04, 2015 - Apr. 22, 2016

33°0'

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

N

Displacement between satellite and ground (cm)

Toward  
satellite

-12

-6

0

6

12

Beam  
Dir.

Flight  
Dir.

Analysis by GSI from ALOS-2 raw data of JAXA

0

5

10 km

Fig. A  
(7b)

Dec. 04, 2015 - Apr. 22, 2016

33°0'

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

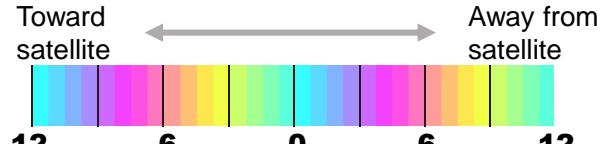
130°54'

131°0'

131°6'

N

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(8a)

Mar. 30, 2016 - Apr. 27, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

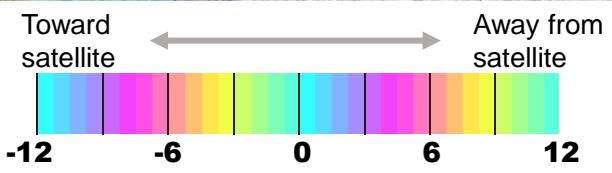
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(8b)

Mar. 30, 2016 - Apr. 27, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

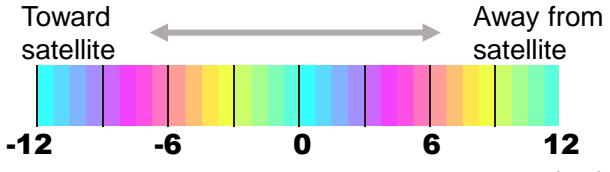
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(9a)

33°0'

Apr. 15 ,2016 - Apr. 29, 2016

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

0

5

10 km

Toward  
satellite

-12

-6

0

6

12

Away from  
satellite

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(9b)

33°0'

Apr. 15 ,2016 - Apr. 29, 2016

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

0 5 10 km

Toward  
satellite

-12

-6

0

6

12

Away from  
satellite

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

さくらし 新地町  
さくらし 向嶺市  
あわづま 木戸町  
みねづま 早瀬町  
かしままち 薩摩町  
かしままち 鹿屋市  
こうきまち 甲佐町  
こうきまち 宇土市  
こしきまち 合志市  
さくらまち 熊本町  
さくらまち 由布院町  
さくらまち 由布市  
さくらまち さつま町  
さくらまち さつま町

Fig. A  
(10a)

33°0'

Apr. 15 ,2016 - Apr. 29, 2016

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

N

0 5 10 km

Toward  
satellite

-12

Away from  
satellite

12

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam  
Dir.

Fig. A  
(10b)

33°0'

Apr. 15 ,2016 - Apr. 29, 2016

N

32°54'

32°48'

32°42'

130°36'

130°42'

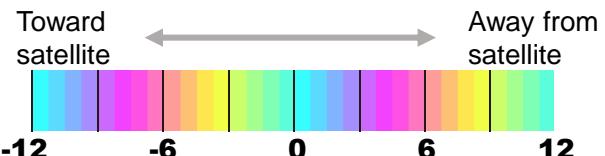
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA



Fig. A  
**(11a)**

Apr. 17, 2016 - May 01, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

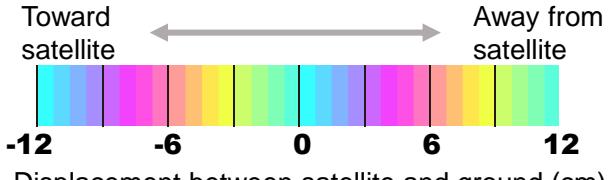
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

**Fig. A  
(11b)**

Apr. 17, 2016 - May 01, 2016

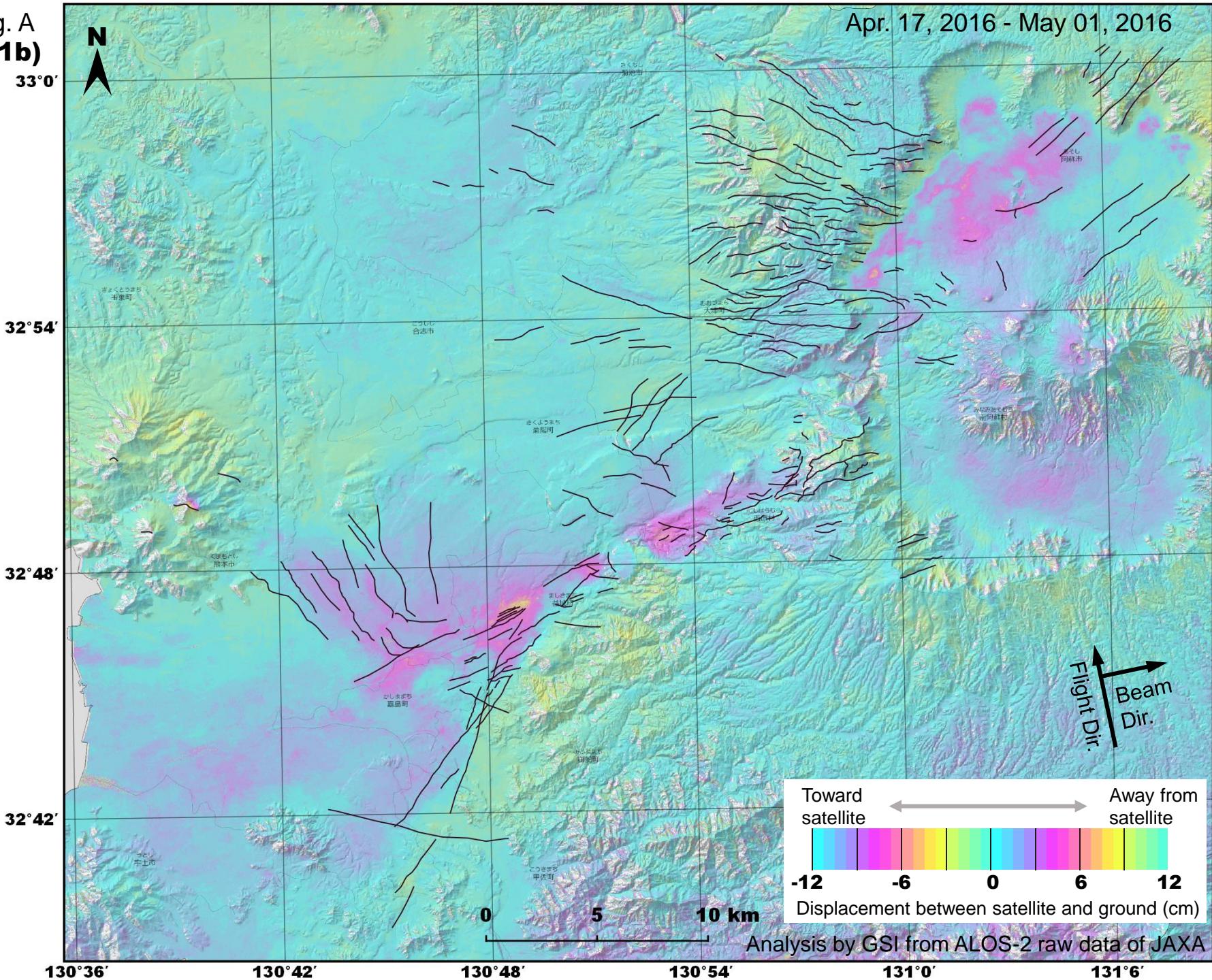


Fig. A  
**(12a)**

Apr. 17, 2016 - May 01, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

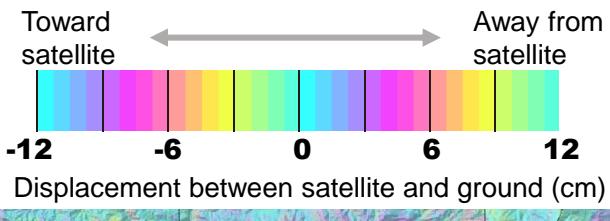
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Beam Dir.  
Flight Dir.

Fig. A  
**(12b)**

Apr. 17, 2016 - May 01, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

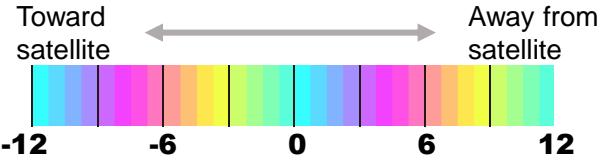
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Beam Dir.  
Flight Dir.

Fig. A  
(13a)

Apr. 18, 2016 - May 02, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

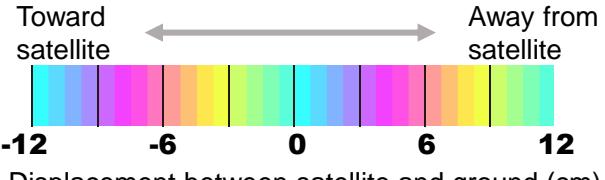
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Beam Dir.  
Flight Dir.

Fig. A  
(13b)

Apr. 18, 2016 - May 02, 2016

33°0'

N

32°54'

32°48'

32°42'

0

5

10 km

130°36'

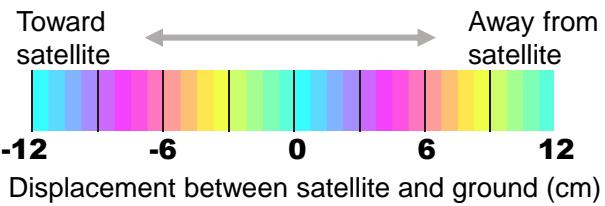
130°42'

130°48'

130°54'

131°0'

131°6'



Analysis by GSI from ALOS-2 raw data of JAXA

Beam Dir.  
Flight Dir.

Fig. A  
(14a)

Apr. 22, 2016 - May 06, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

0

5

10 km

Toward  
satellite

-12

-6

0

6

12

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

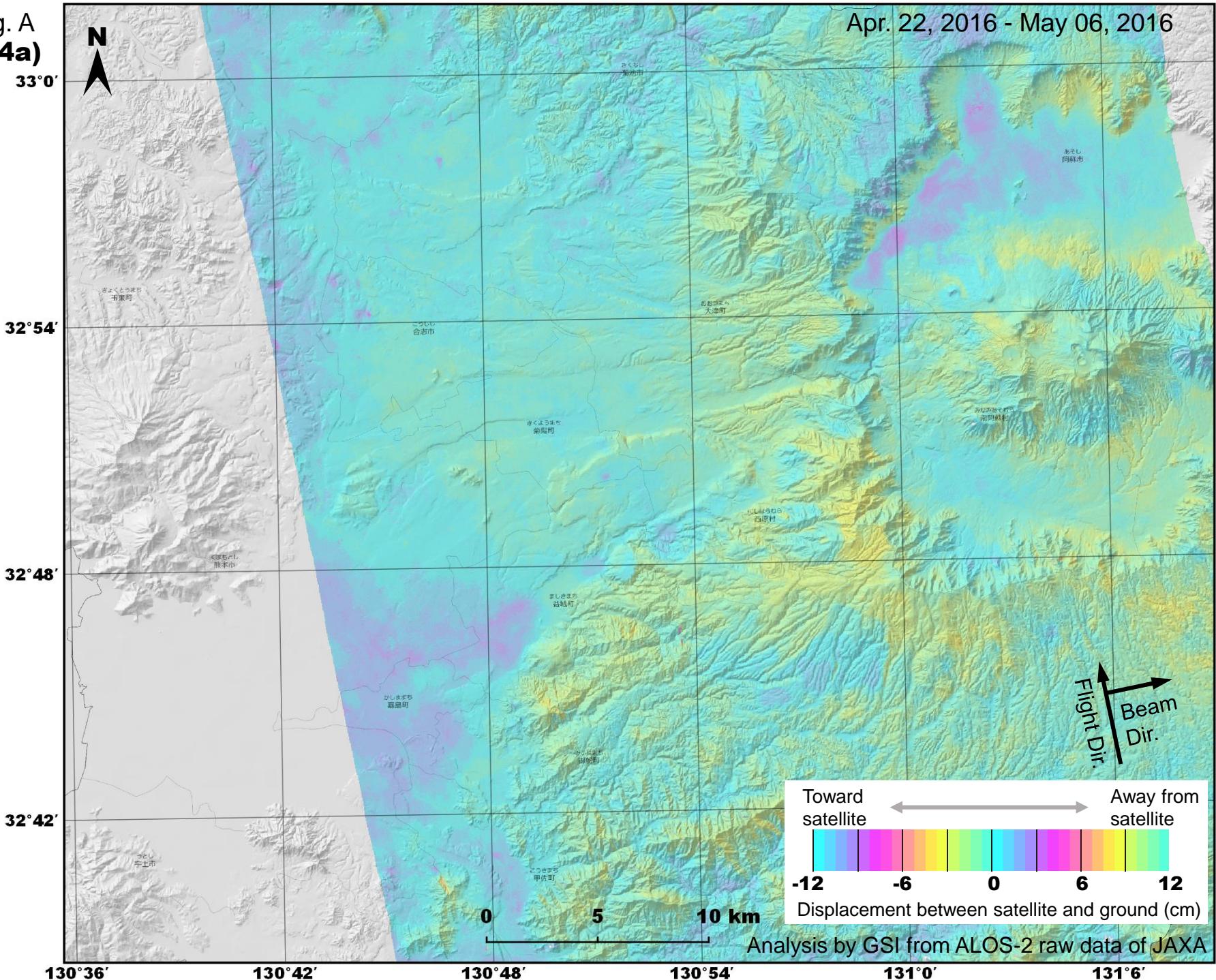


Fig. A  
(14b)

Apr. 22, 2016 - May 06, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

Displacement between satellite and ground (cm)

Toward  
satellite

-12

-6

0

6

12

Away from  
satellite

Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

10 km

Fig. A  
(15a)

Apr. 27, 2016 - May 11, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

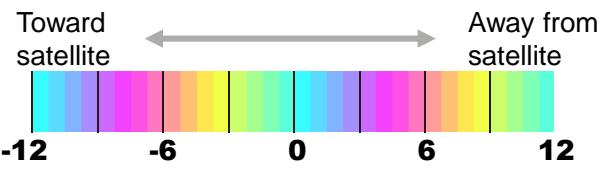
130°48'

130°54'

131°0'

131°6'

0 5 10 km



Analysis by GSI from ALOS-2 raw data of JAXA

Flight Dir.  
Beam Dir.

Fig. A  
(15b)

Apr. 27, 2016 - May 11, 2016

33°0'

N

32°54'

32°48'

32°42'

0

5

10 km

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

Flight Dir.  
Beam Dir.

Toward  
satellite



-12



-6



0



6



12

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA

Fig. A  
(16a)

May 02, 2016 - May 16, 2016

33°0'

N

32°54'

32°48'

32°42'

130°36'

130°42'

130°48'

130°54'

131°0'

131°6'

0 5 10 km

Toward satellite

-12

-6

0

6

12

Away from satellite

Displacement between satellite and ground (cm)

Analysis by GSI from ALOS-2 raw data of JAXA

Beam Dir.  
Flight Dir.

**Fig. A  
(16b)**

May 02, 2016 - May 16, 2016

