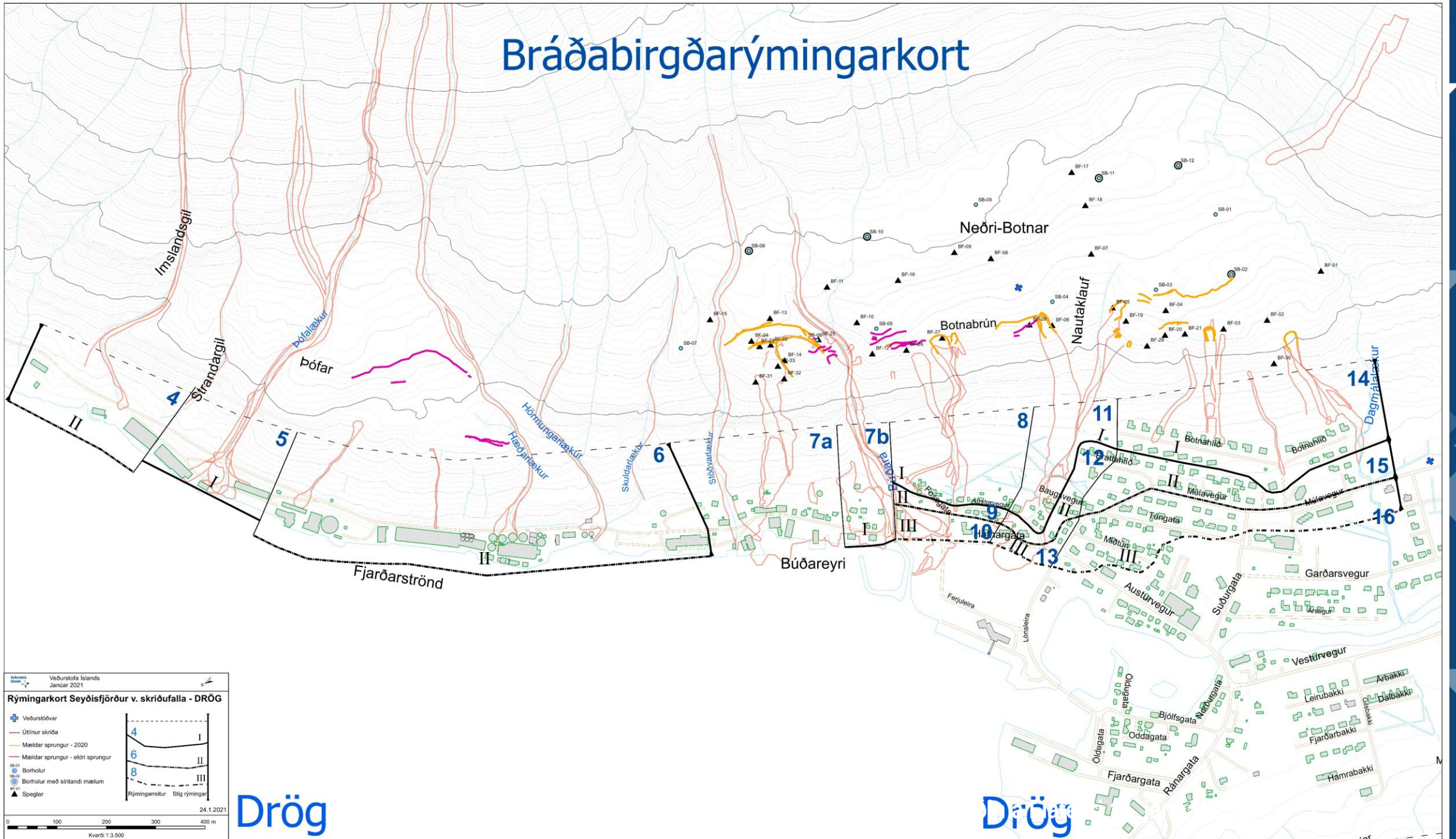


# Vöktun skriðuhættu á Seyðisfirði, rýmingaráætlun



# Bráðabirgðarýmingarkort



Vísindamiðstöð  
 Væðunstofa Íslands  
 Janúar 2021

**Rýmingarkort Seyðisfjörður v. skriðufalla - DRÖG**

- Væðurstöðvar
- Útlínur skriða
- Mældar sprungur - 2020
- Mældar sprungur - eldri sprungur
- Borðholur
- Borðholur með sirlitandi mælum
- Spöglar

Rýmingarreitir Slig rýmingar

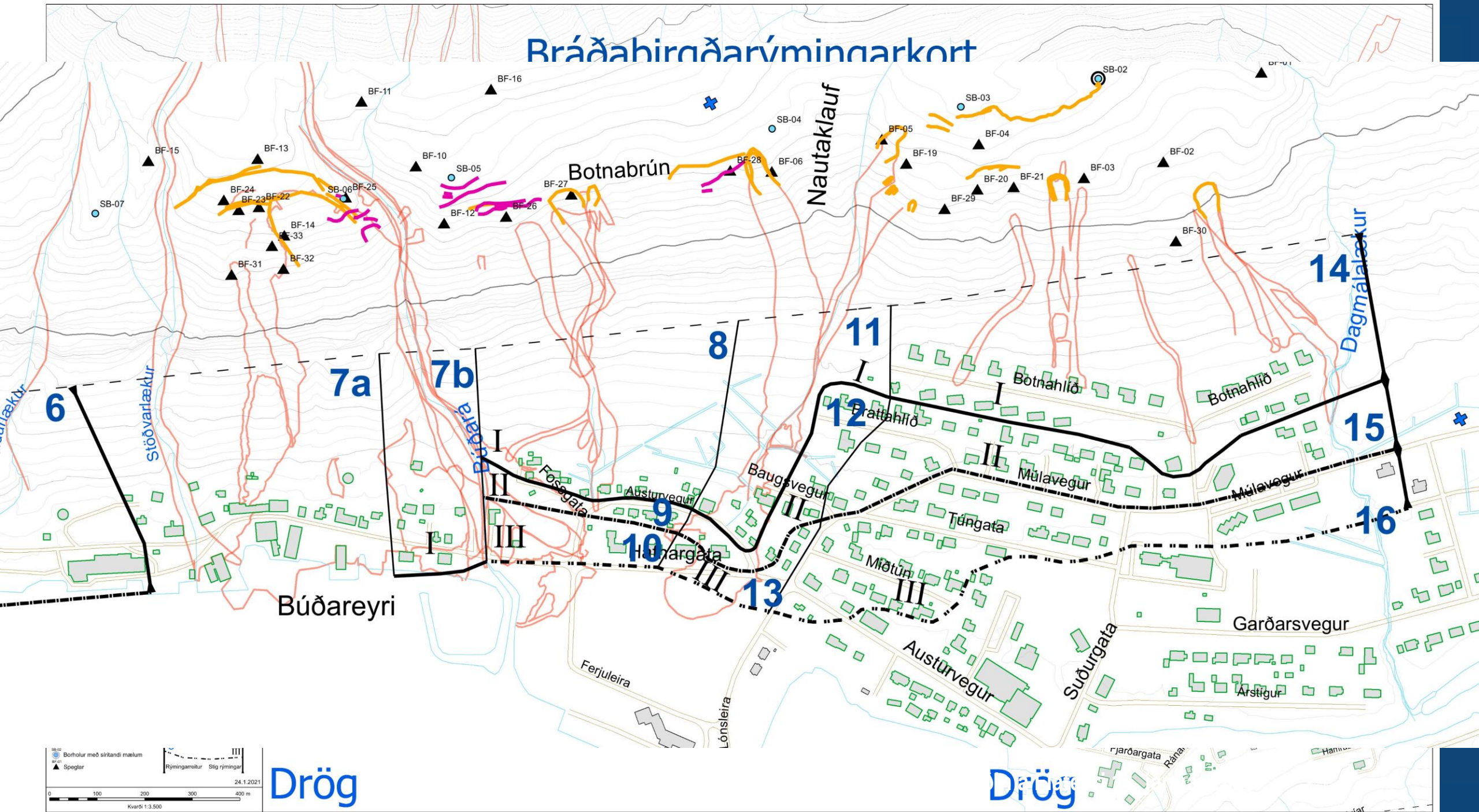
24.1.2021

0 100 200 300 400 m  
 Kvarði 1:3.500

Drög

Drög

# Bráðahirnaðarýminarkort



SB-02 Bortholur með sirtandi mælum  
BF-02 Spoglar  
Rýmingarrellur Slig rýmingar

24.1.2021

0 100 200 300 400 m

Kvarði 1:3.500

Drög

Drög

# Mælitæki til vöktunar á Seyðisfirði

- Sjálfvirk alstöð
  - Búið að festa kaup á og setja upp sjálfvirka alstöð
    - Mælir spegla, þ.e. punktmælingar
    - Rúmlega 30 speglar hafa verið settir upp
    - Skyggni getur hindrað mælingar
    - Fleiri speglum verður bætt við – einnig í þelaurðina
    - Sett verða inn þröskuldsgildi og sjálfvirkar aðvaranir



# Hreyfing jarðlaga, speglar mældir með alstöð

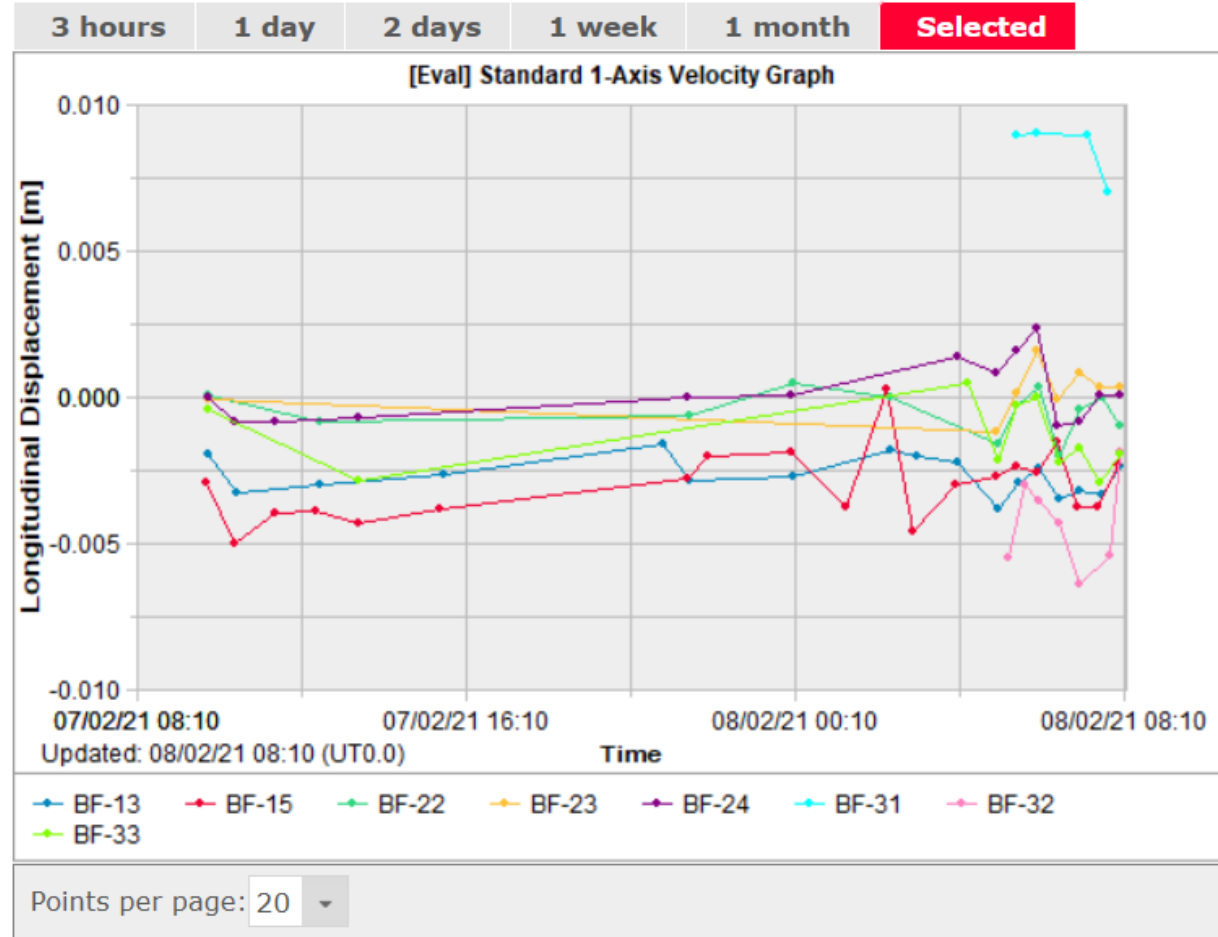
Map



Display	
Points	Show status
Point labels	Show readable
Displacement	
Vector type	2D
Vector 2D style	Components
Ref.	Start time
Ref. length	0.01
Select time	
Fix time	12 hours
Start	07/02/2021 20:00
End	08/02/2021 08:00
Refresh	

# Hreyfing jarðlaga, speglar mældir með alstöð

Graph



Display

Range: Auto

Ref. to: Absolute

Filter: Smooth

F. Length: 1 hour

Select time

Fix time: 1 day

Start: [ ] [ ] [ ] [ ] [ ] [ ]

End: [ ] [ ] [ ] [ ] [ ] [ ]

Close << [Edit Graph in Graph Designer](#)

status

readable

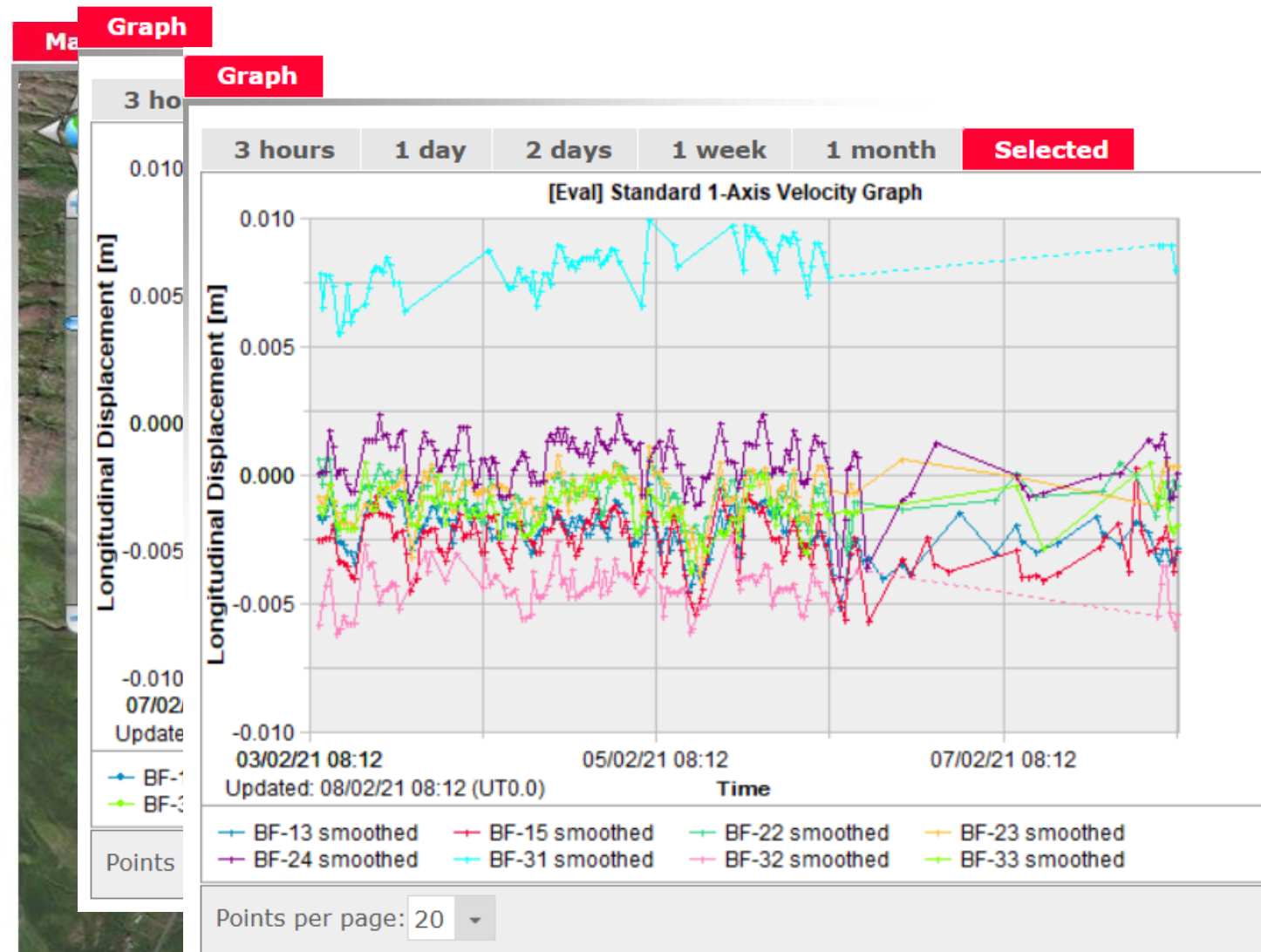
ments

ime

2021 20:0

2021 08:0

# Hreyfing jarðlaga, speglar mældir með alstöð



Display

Range Auto

Ref. to Absolute

Filter Smooth

F. Length 1 hour

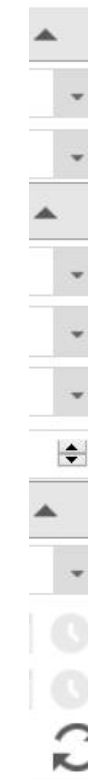
Select time

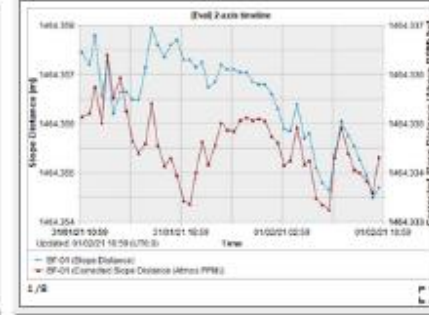
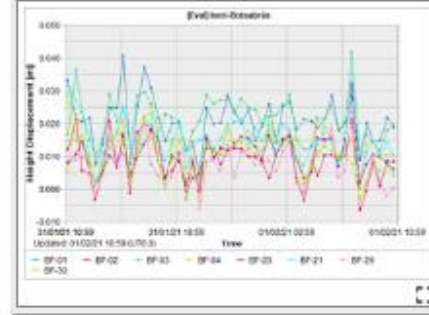
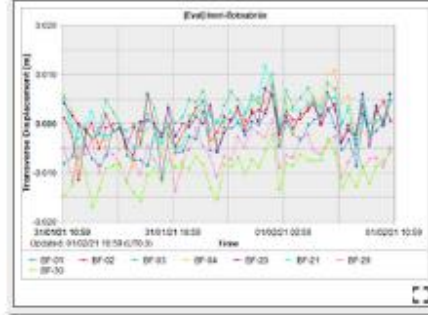
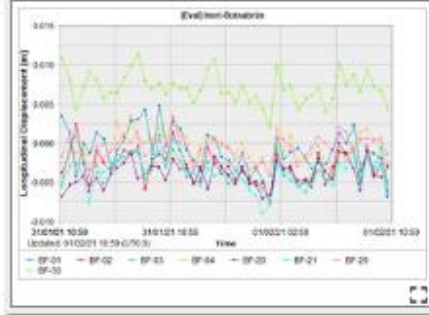
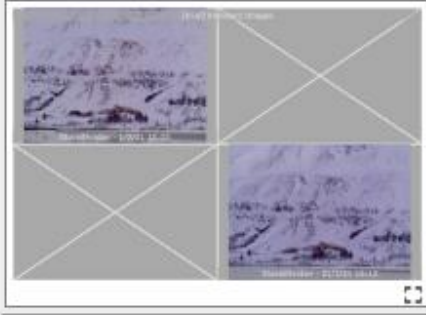
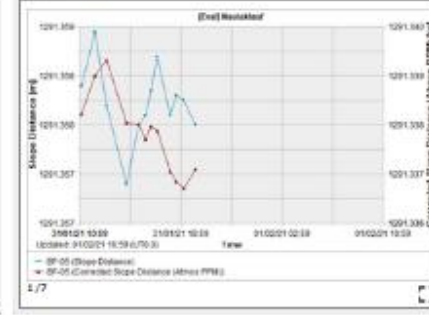
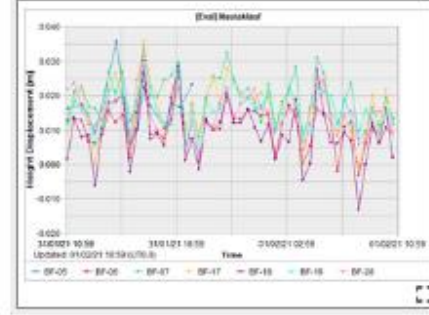
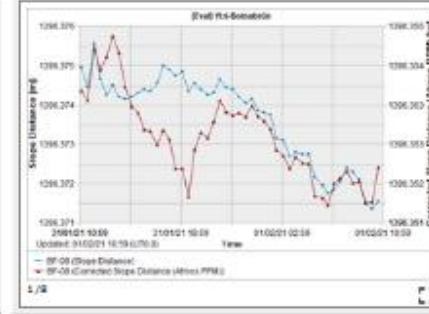
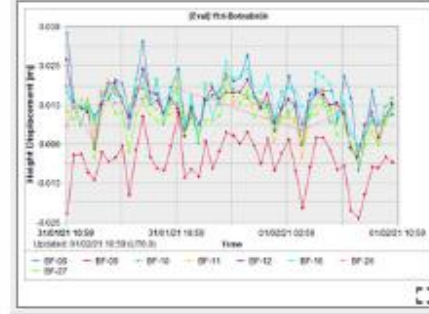
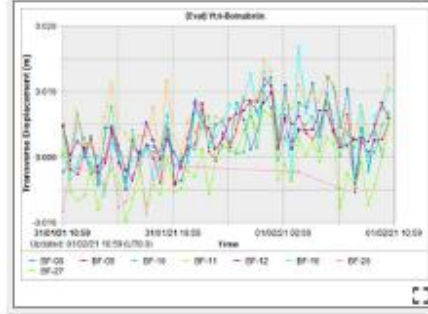
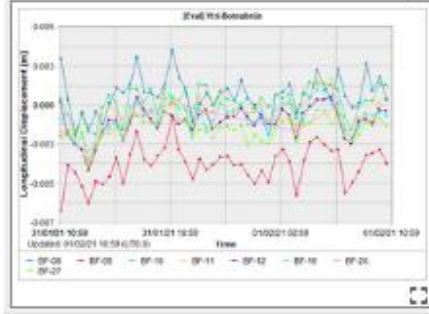
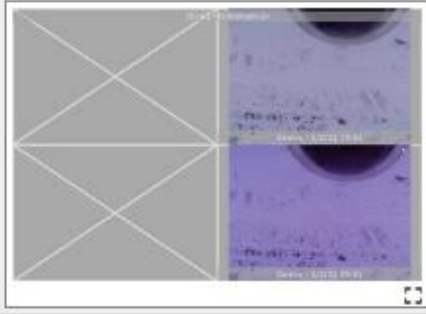
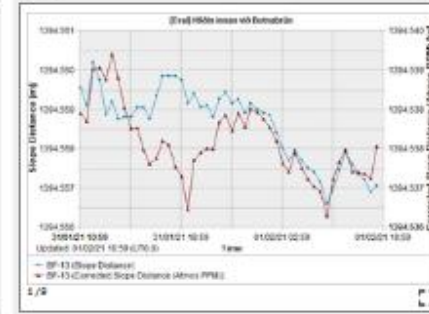
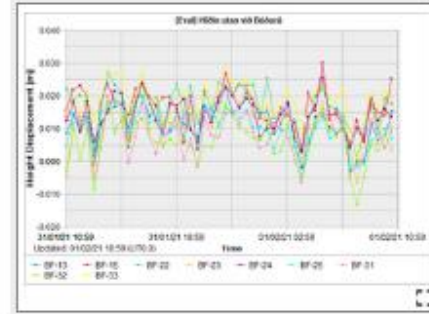
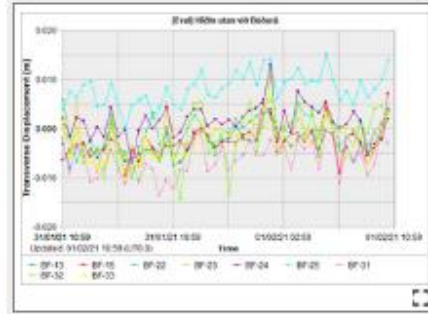
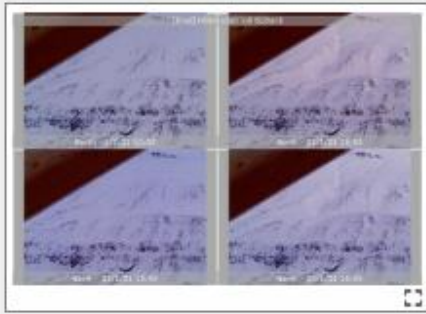
Fix time 5 days

Start

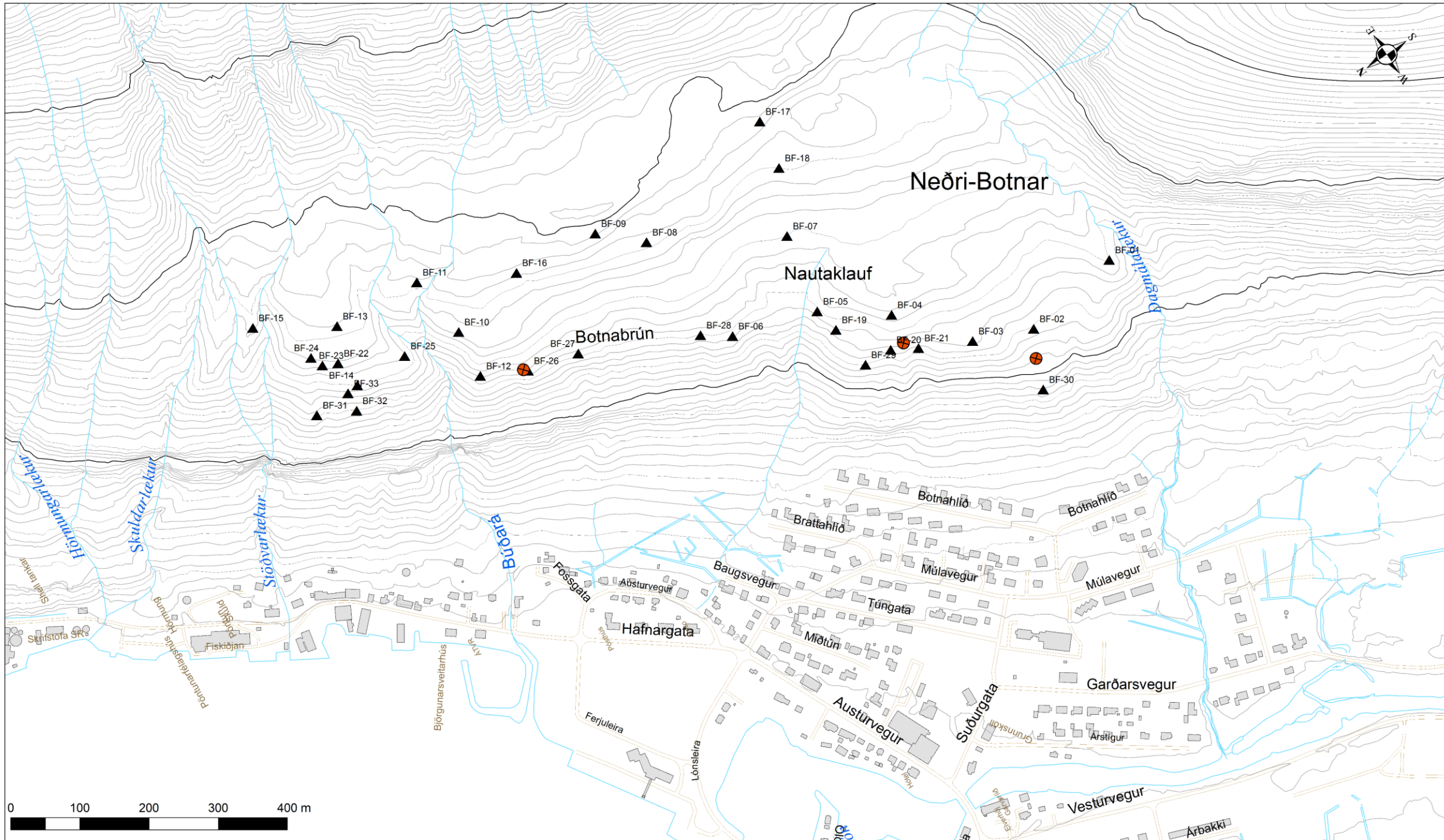
End

Close << [Edit Graph in Graph Designer](#)









# GPS stöðvar

- Net af sjálfvirkum GPS stöðvum
  - Búið er að setja upp fjórar stöðvar
  - Mögulega 8-9 stöðvar alls
  - Óháðar skyggni
  - Punktmælingar
  - Reksturinn stundum erfiður
  - Lagt hefur verið rafmagn upp í Neðri-Botna og komið þar fyrir skúr fyrir mæli- og fjarskiptatæki



# Hreyfing jarðlaga, GPS-mælingar

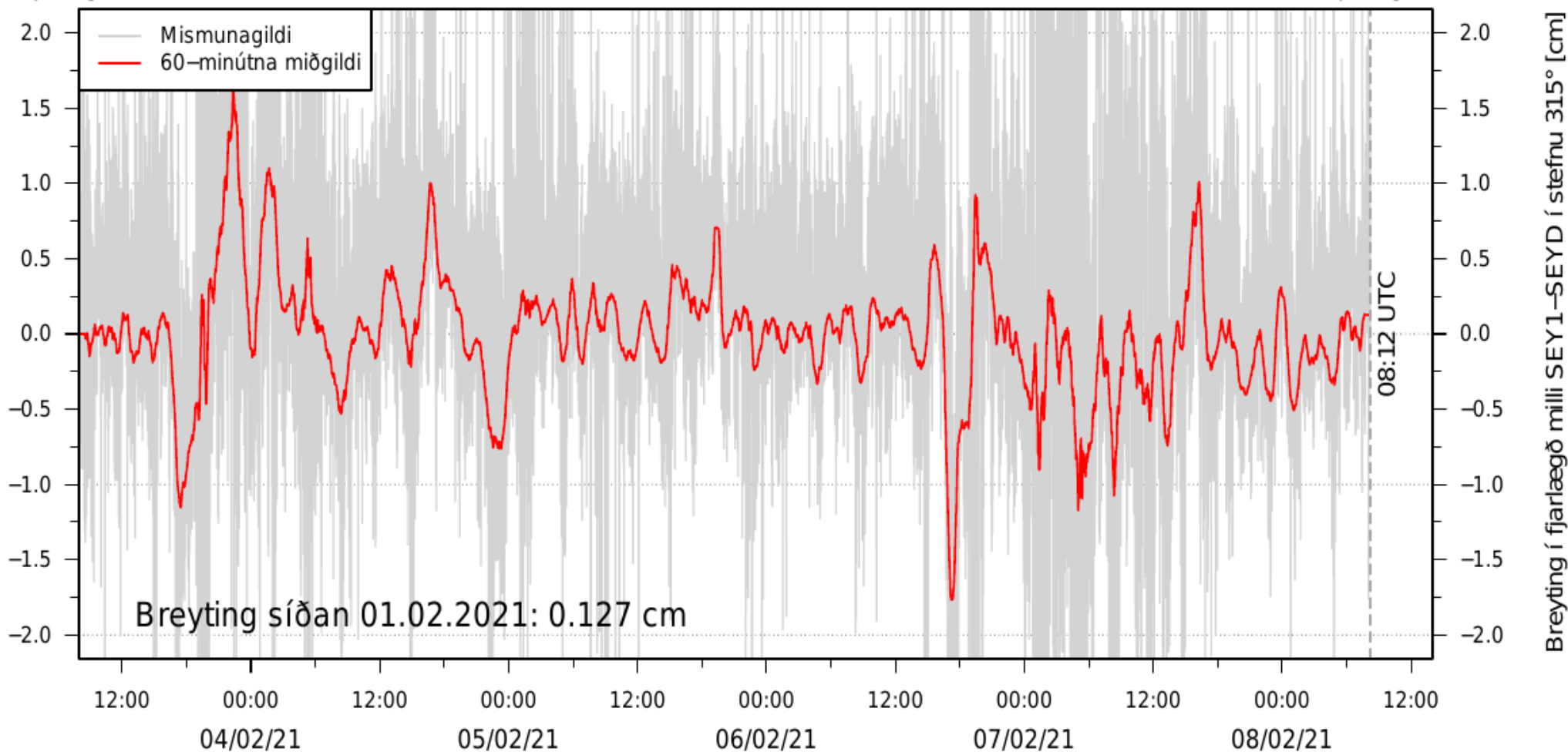
## Lárett færsla á SEY1 í stefnu 315°

Lárett Fjarlægðarbreyting milli GPS stöðvanna SEY1 og SEYD fenginn með rauntímaúrvinnslu

Uppfært: 08.02.2021 08:12 UTC

Fjarlægð: -2074.2 m

Fjarlægð: -2074.2 m



Myndin sýnir fjarlægð og breytingu í fjarlægð í stefnu 315° milli GPS stöðvanna SEY1 við Neðri Botna á Seyðisfirði og SEYD við XXX á Seyðisfirði

# Hreyfing jarðlaga, GPS-mælingar

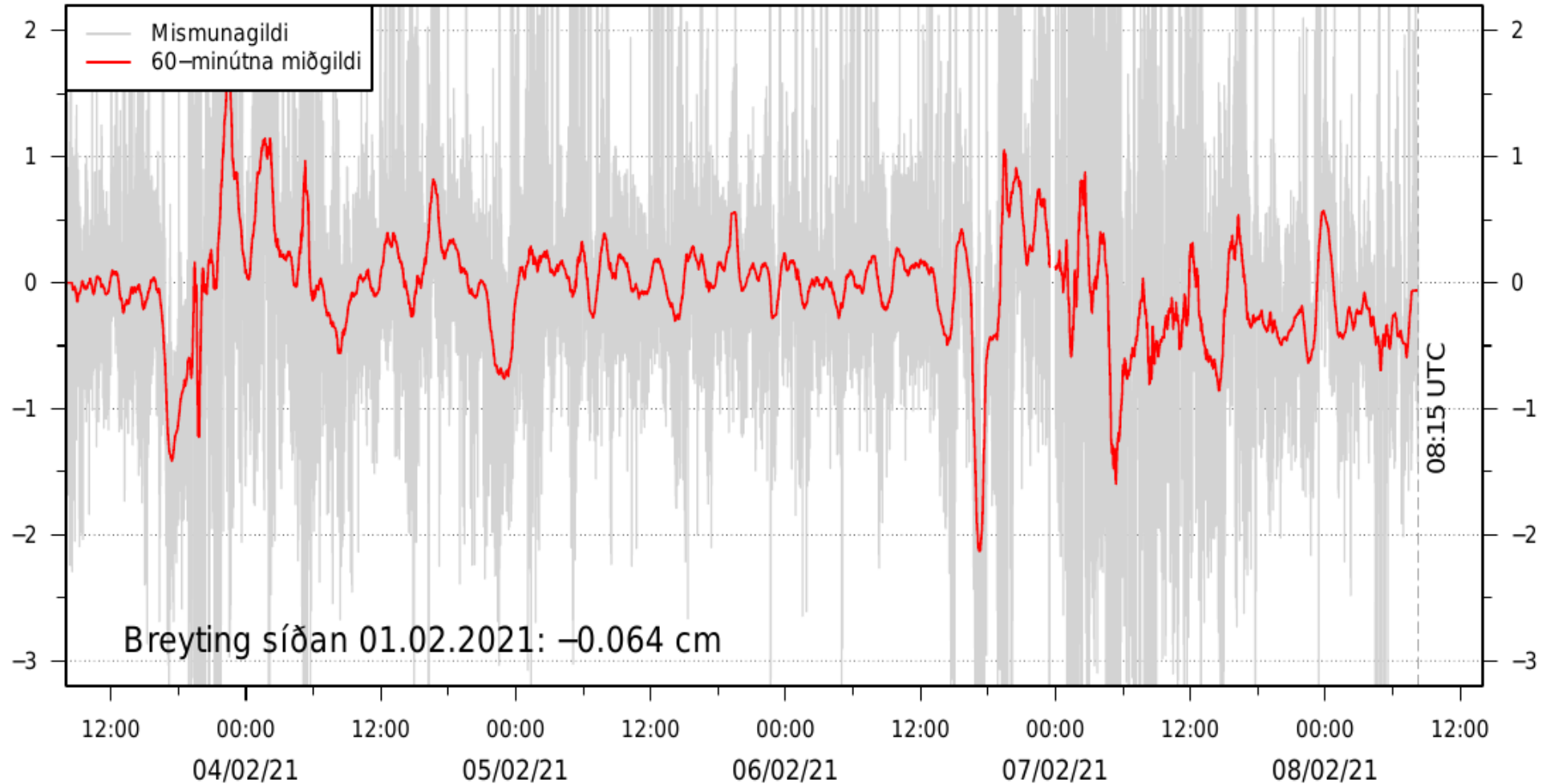
## Lárett færsla á SEY2 í stefnu 315°

Lárett Fjarlægðarbreyting milli GPS stöðvanna SEY2 og SEYD fenginn með rauntímaúrvinnslu

Uppfært: 08.02.2021 08:15 UTC

Fjarlægð: -2088.4 m

Fjarlægð: -2088.4 m



Breyting í fjarlægð milli SEY2-SEYD í stefnu 315° [cm]

Myndin sýnir fjarlægð og breytingu í fjarlægð í stefnu 315° milli GPS stöðvanna SEY2 við Neðri Botna á Seyðisfirði og SEYD við XXX á Seyðisfirði

# Hreyfing jarðlaga, GPS-mælingar

## Lárett færsla á SEY3 í stefnu 315°

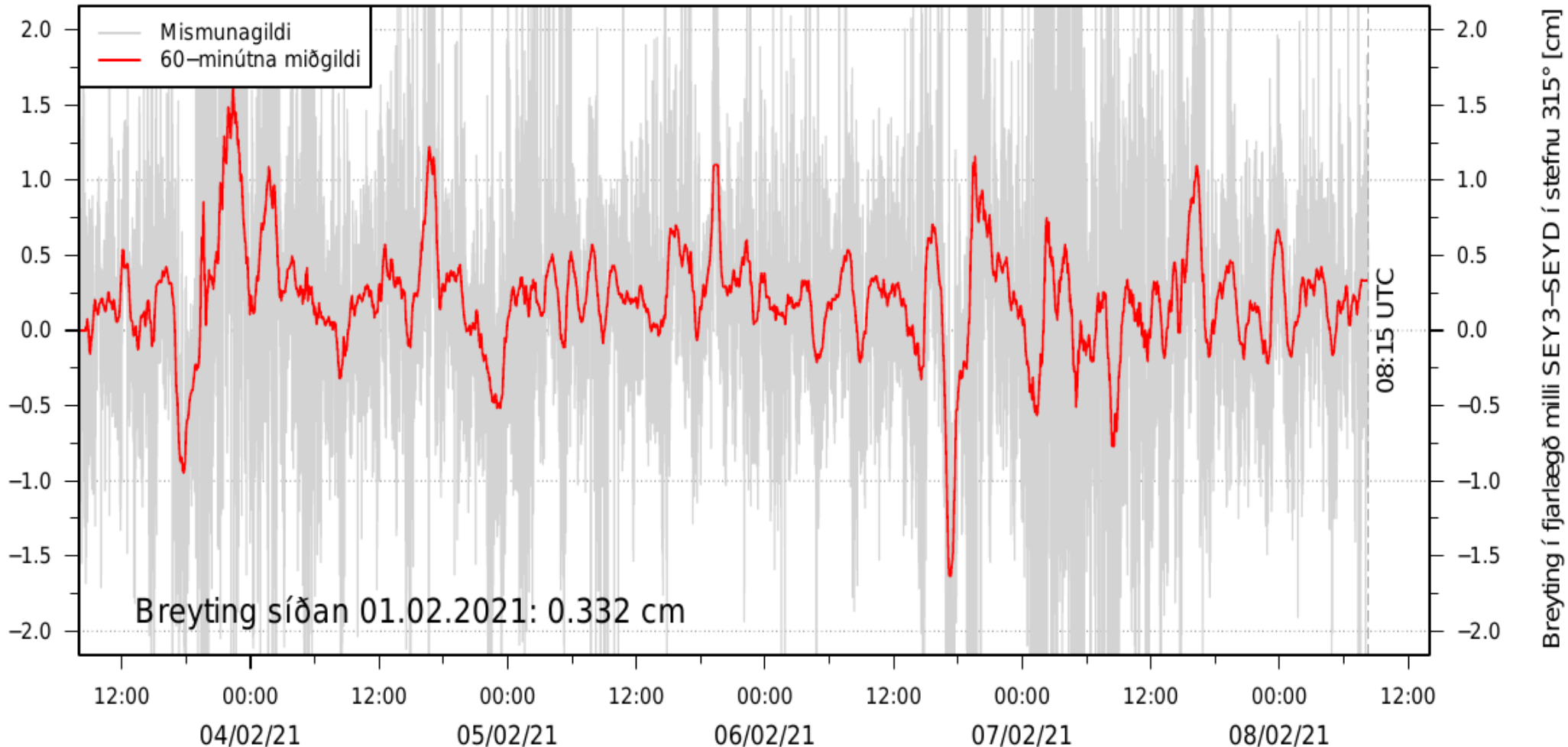
Lárett Fjarlægðarbreyting milli GPS stöðvanna SEY3 og SEYD fenginn með rauntímaúrvinnslu

Uppfært: 08.02.2021 08:15 UTC



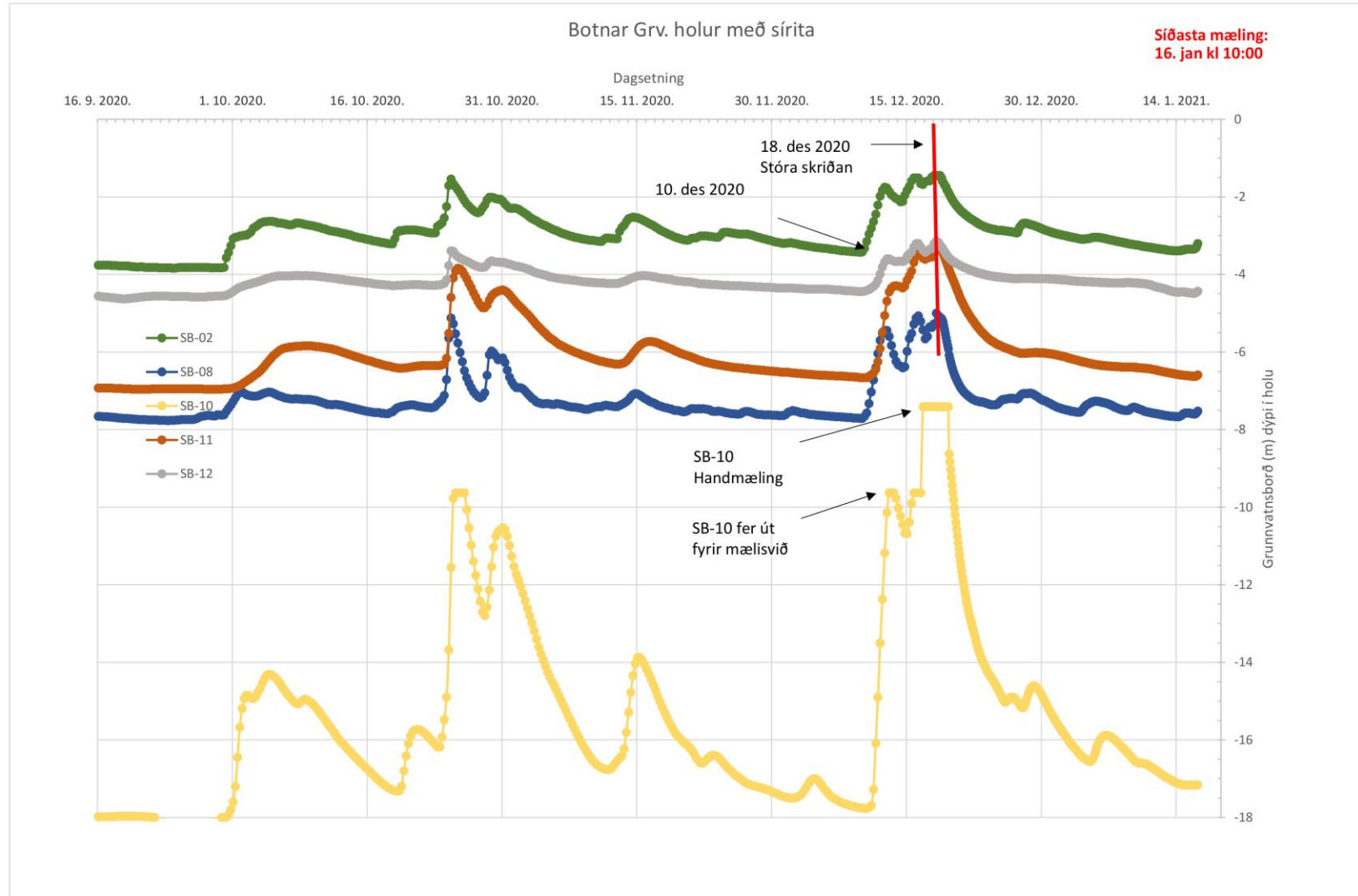
Fjarlægð: -1936.2 m

Fjarlægð: -1936.2 m



Myndin sýnir fjarlægð og breytingu í fjarlægð í stefnu 315° milli GPS stöðvanna SEY3 við Neðri Botna á Seyðisfirði og SEYD við XXX á Seyðisfirði

# Úrkomumælingar, borholumælingar



# Úrkomumælingar, borholumælingar

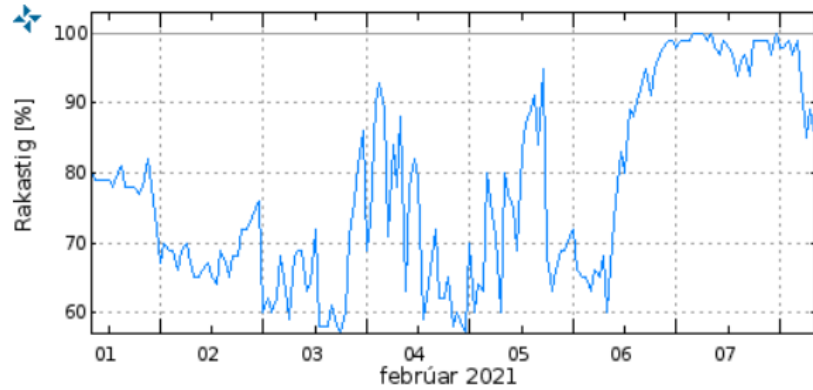
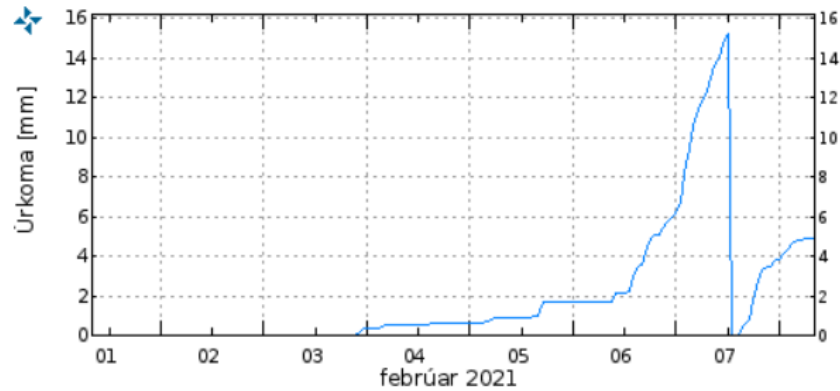
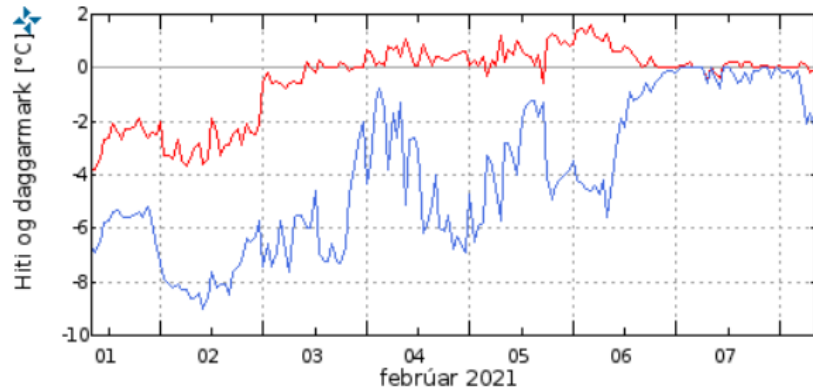
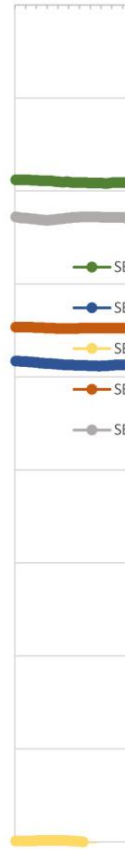


[Sjálfvirkar](#) [Vika](#) [Vika & Dagur](#) [Dagur](#) [Mæligögn](#) [Um stöðina](#) [Rafspenna](#) [Skýringar og viðvörðun](#)

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16. 9. 2020.

## Seyðisfjörður - Innri-Botnar - Sjálfvirkar veðurathuganir sl. viku





# Takk fyrir

