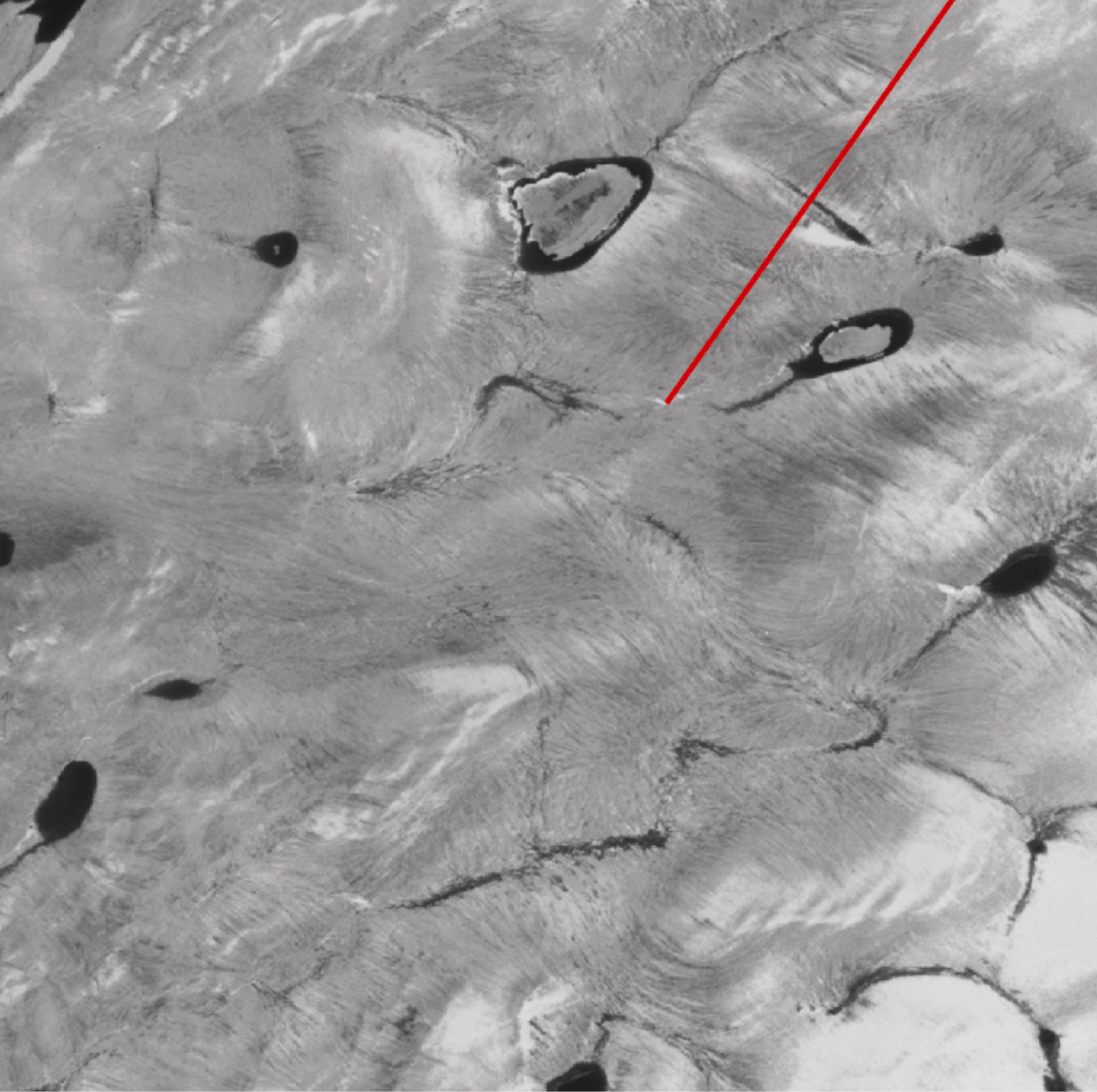




MI  
Ja  
Ma







← Ice Flow Direction

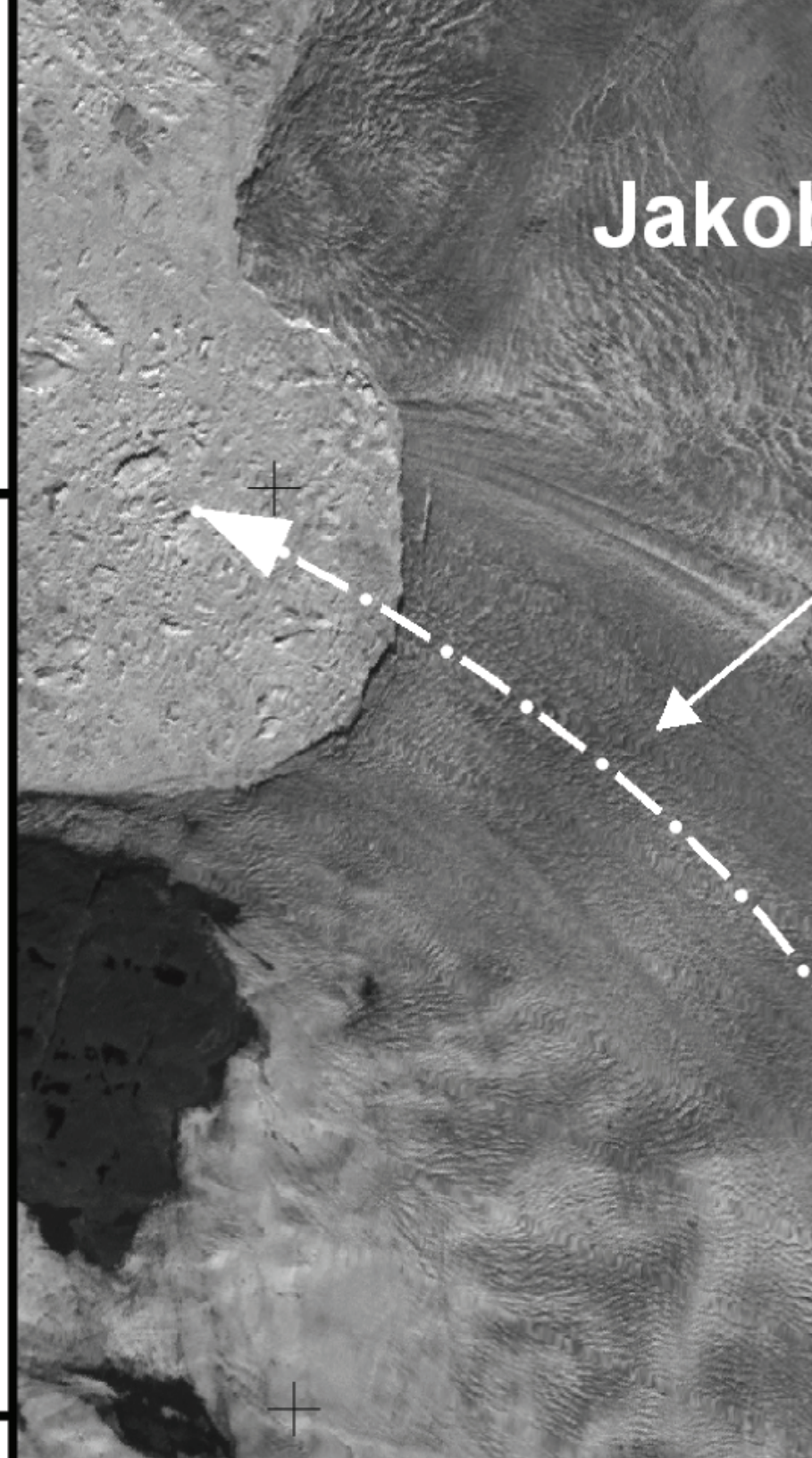




Jakob

69°10'0"N

69°5'0"N



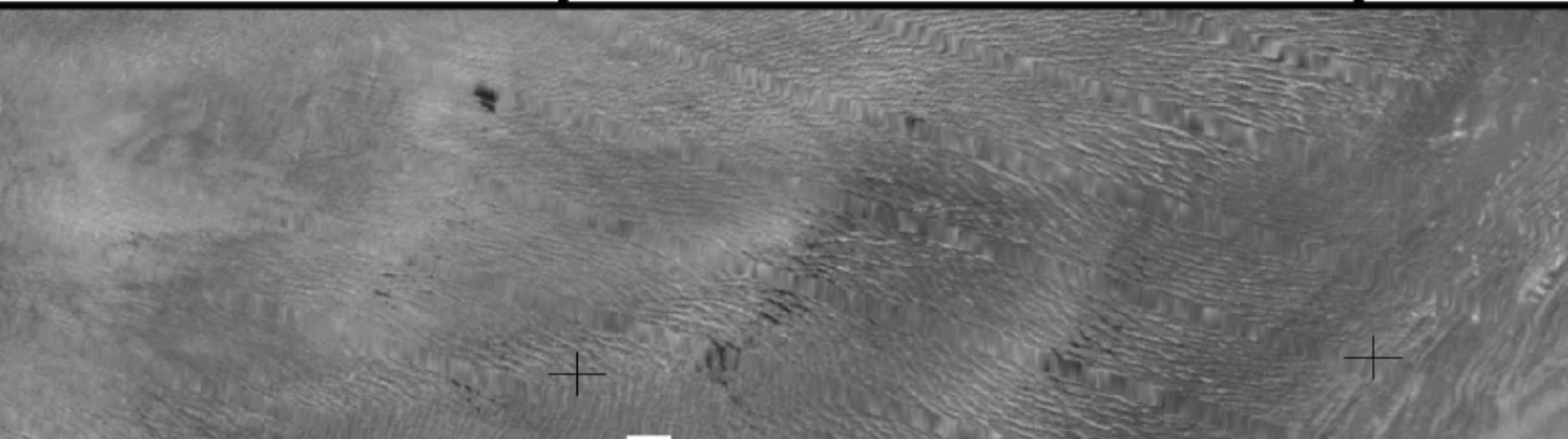
ORL515

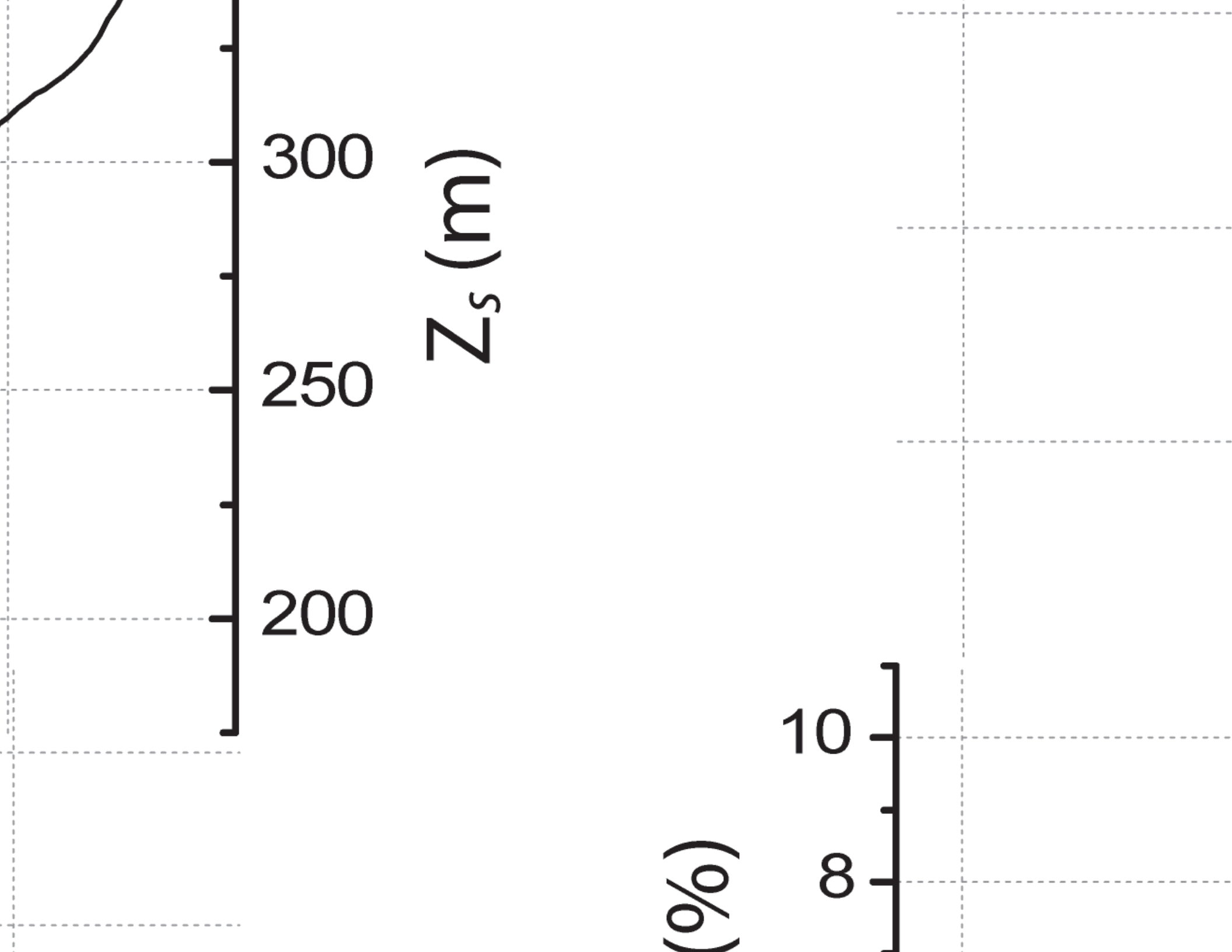
airs

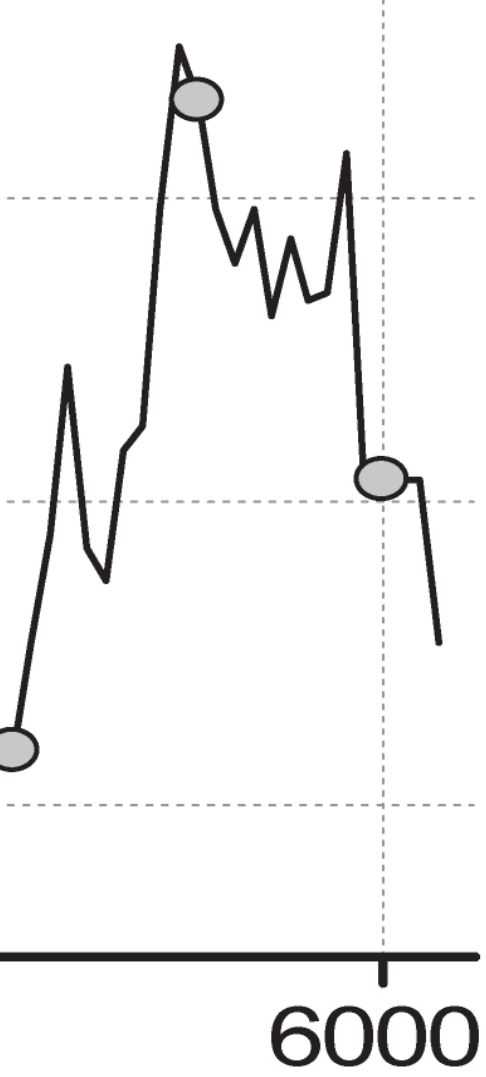
ated as  $(H_s - ht)$

49°10'0"W

49°0'0"W

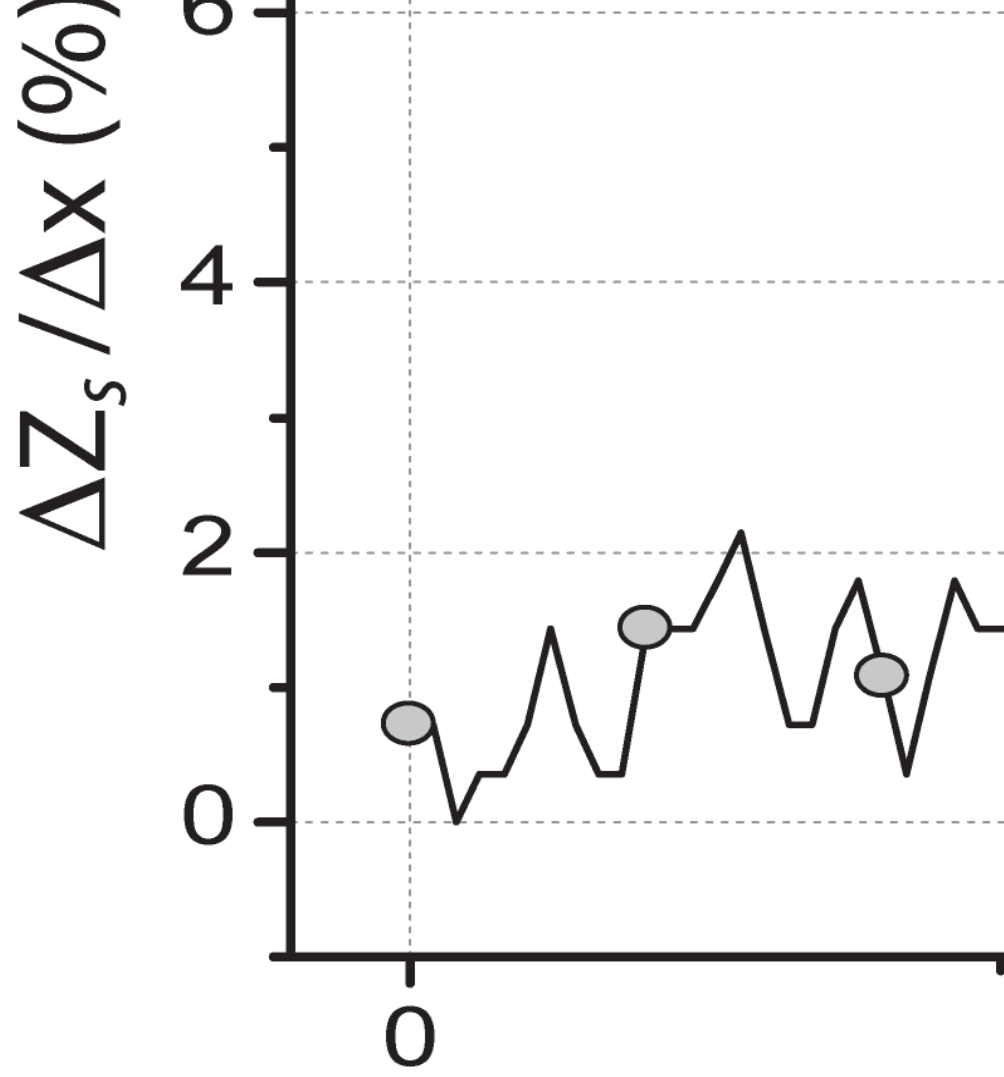






E'

10000

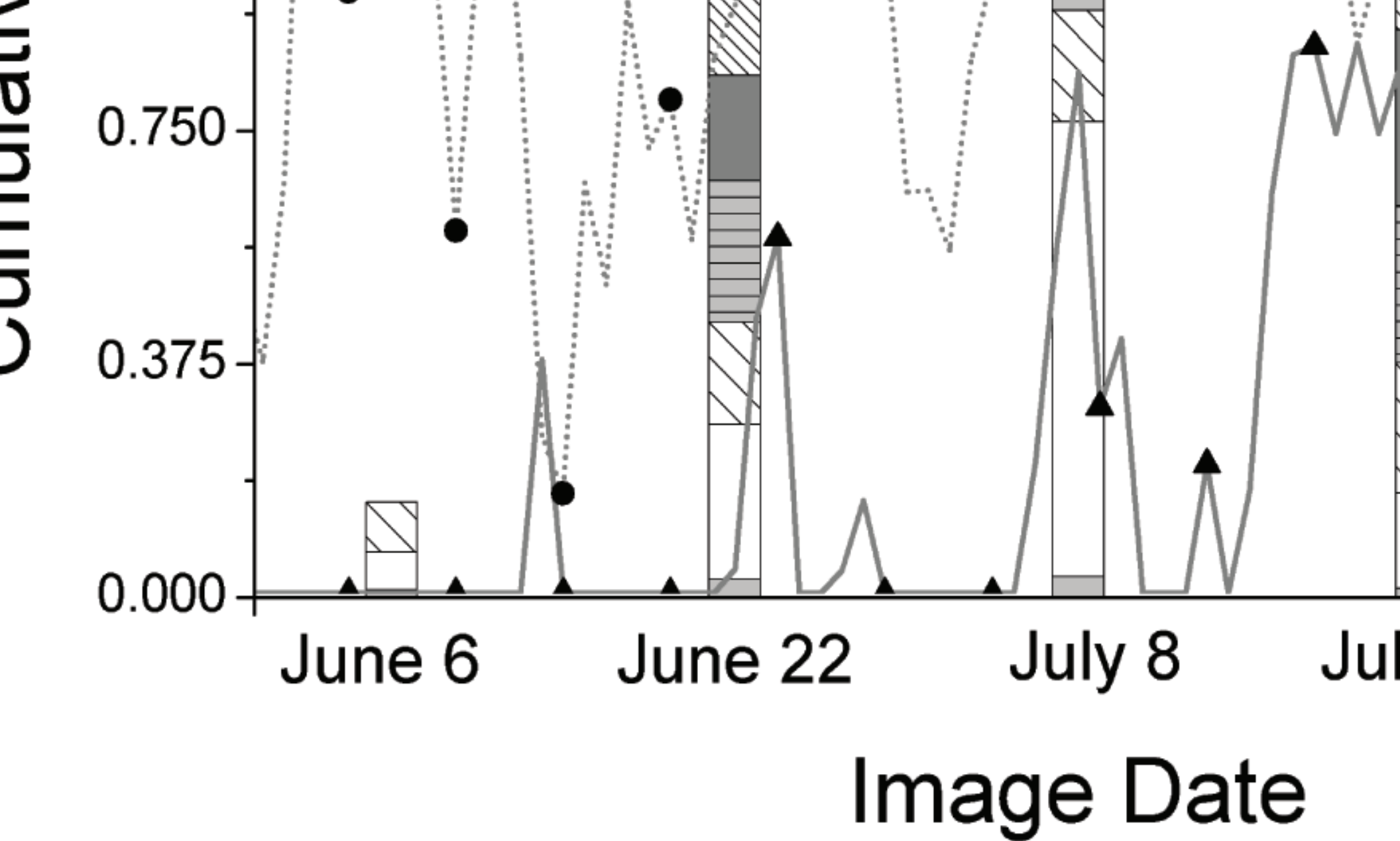


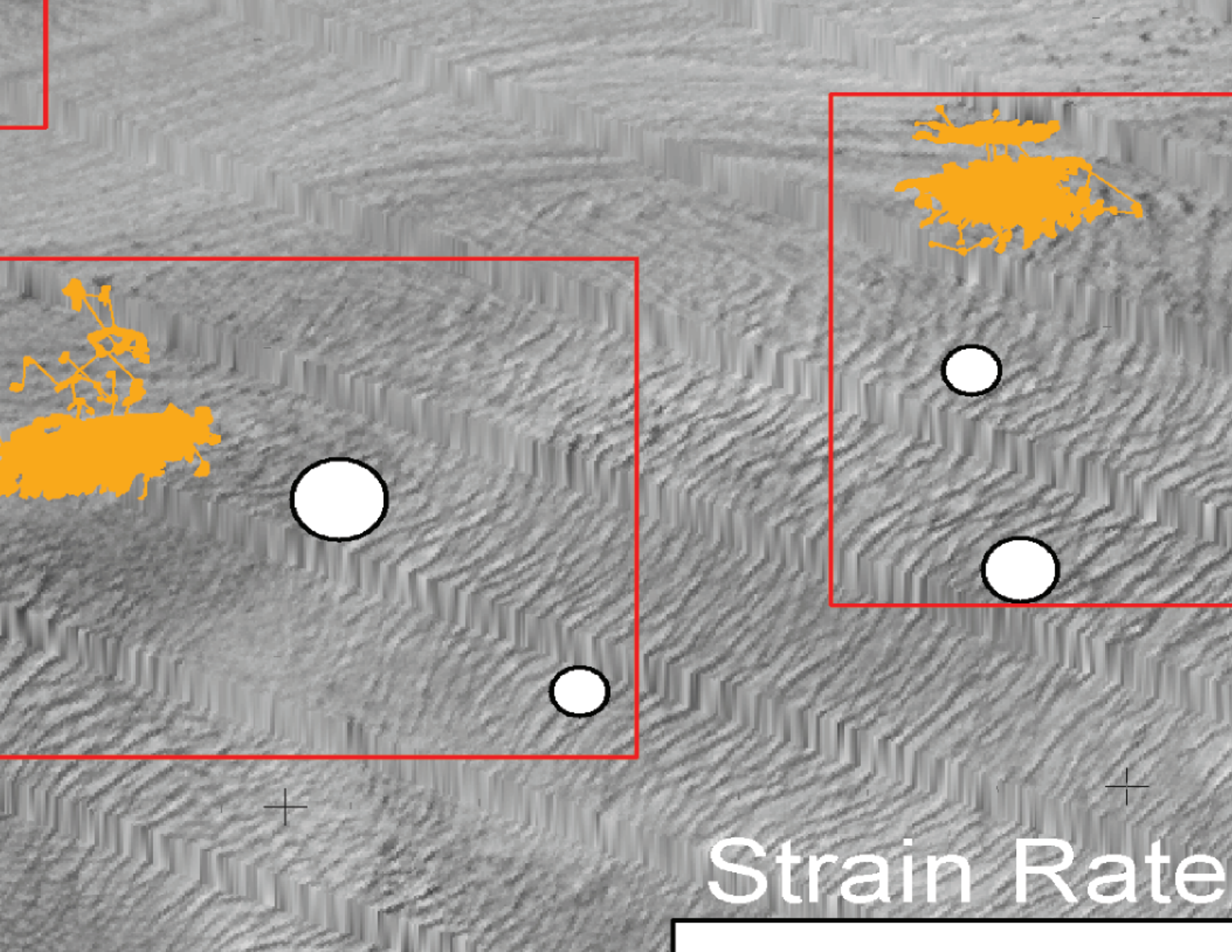
F

0

20







Strain Rate

iv  
gro

0.17,  $r = 0.91$

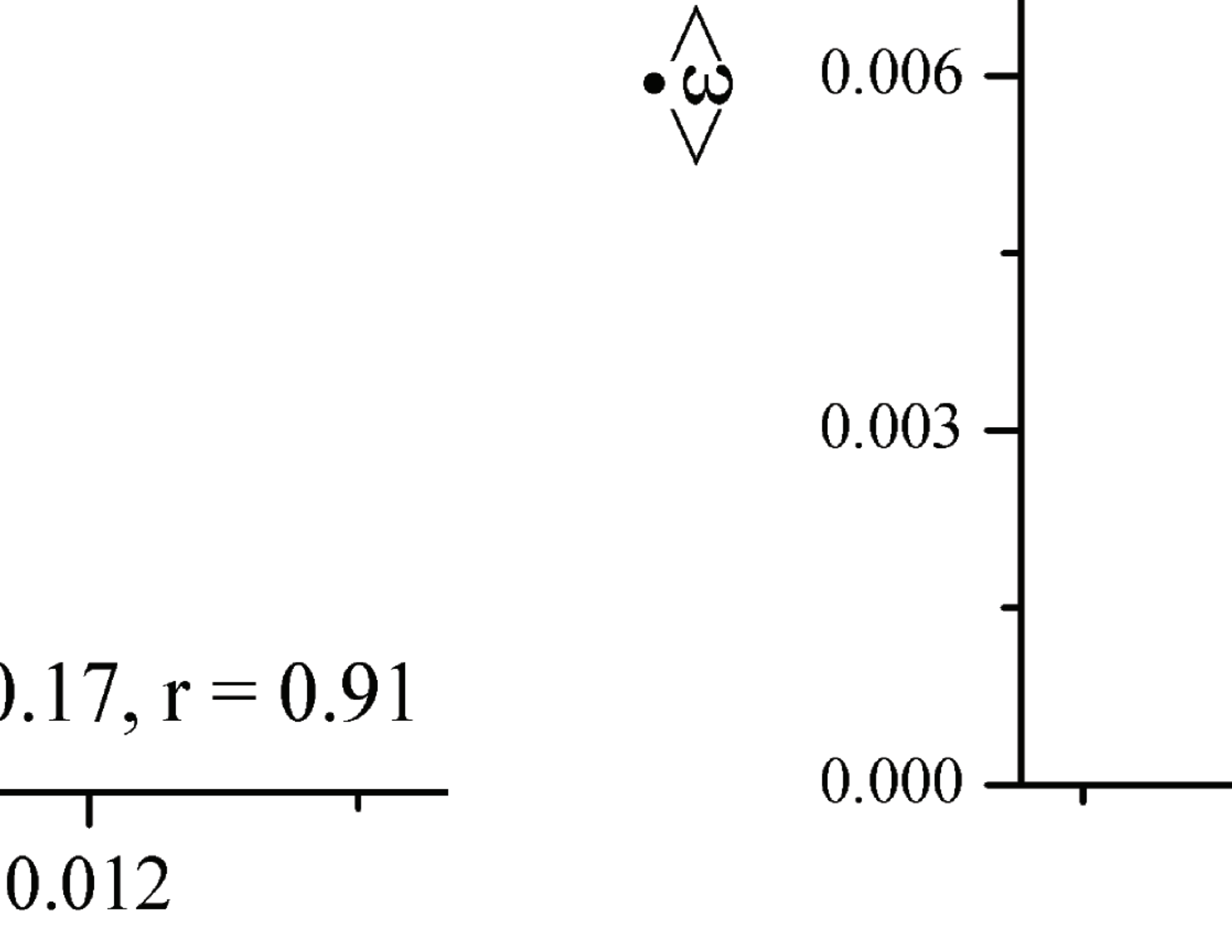
0.012

$\omega$

0.006

0.003

0.000



# Minimum Depth Estim

Bouguer-Lambert-Beer  
radiation through a water

M i D u E u



,  $A$  and  $n$  are flow-law  
ice density of ice and  
strain rate due to gravity

---

**Symbol**

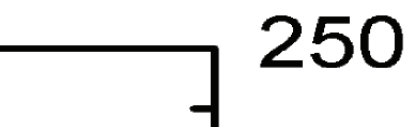
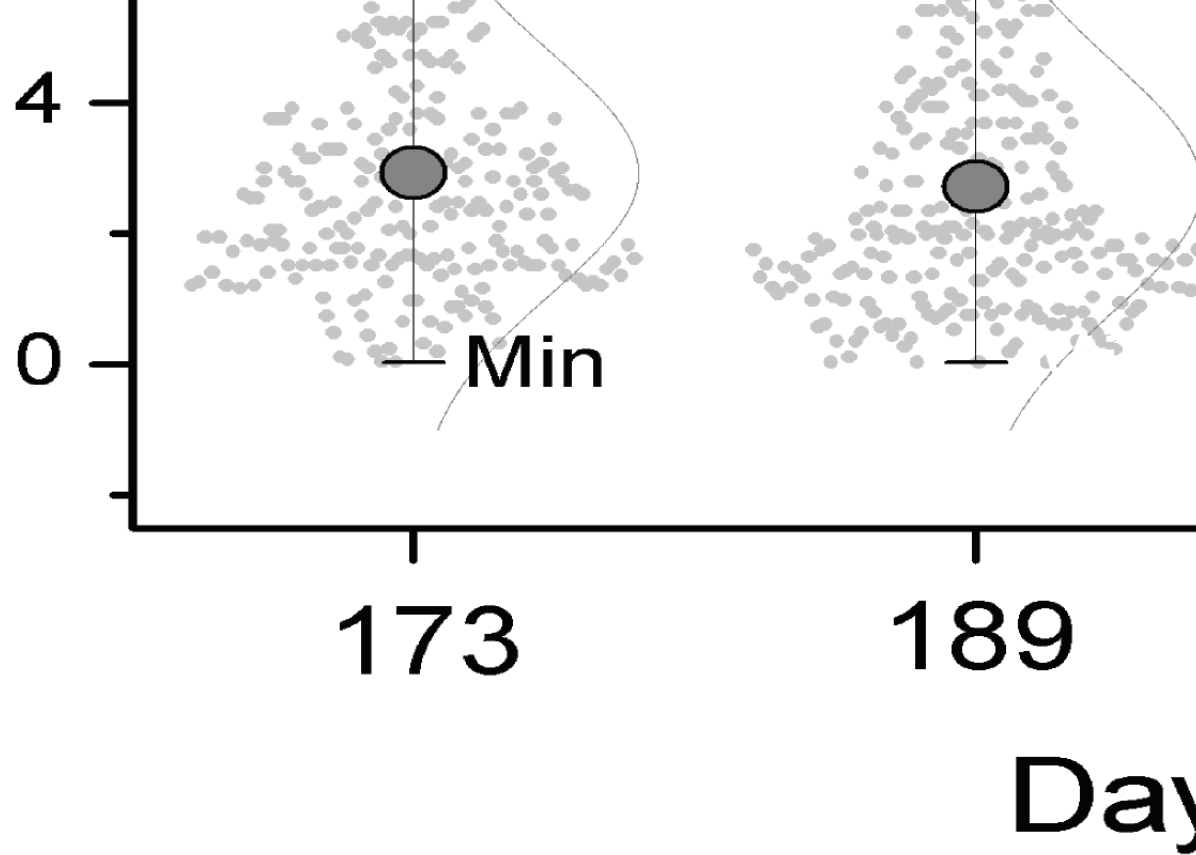
---

strain rate  $(s^{-1})^{\dagger}$

$\dot{\epsilon}$

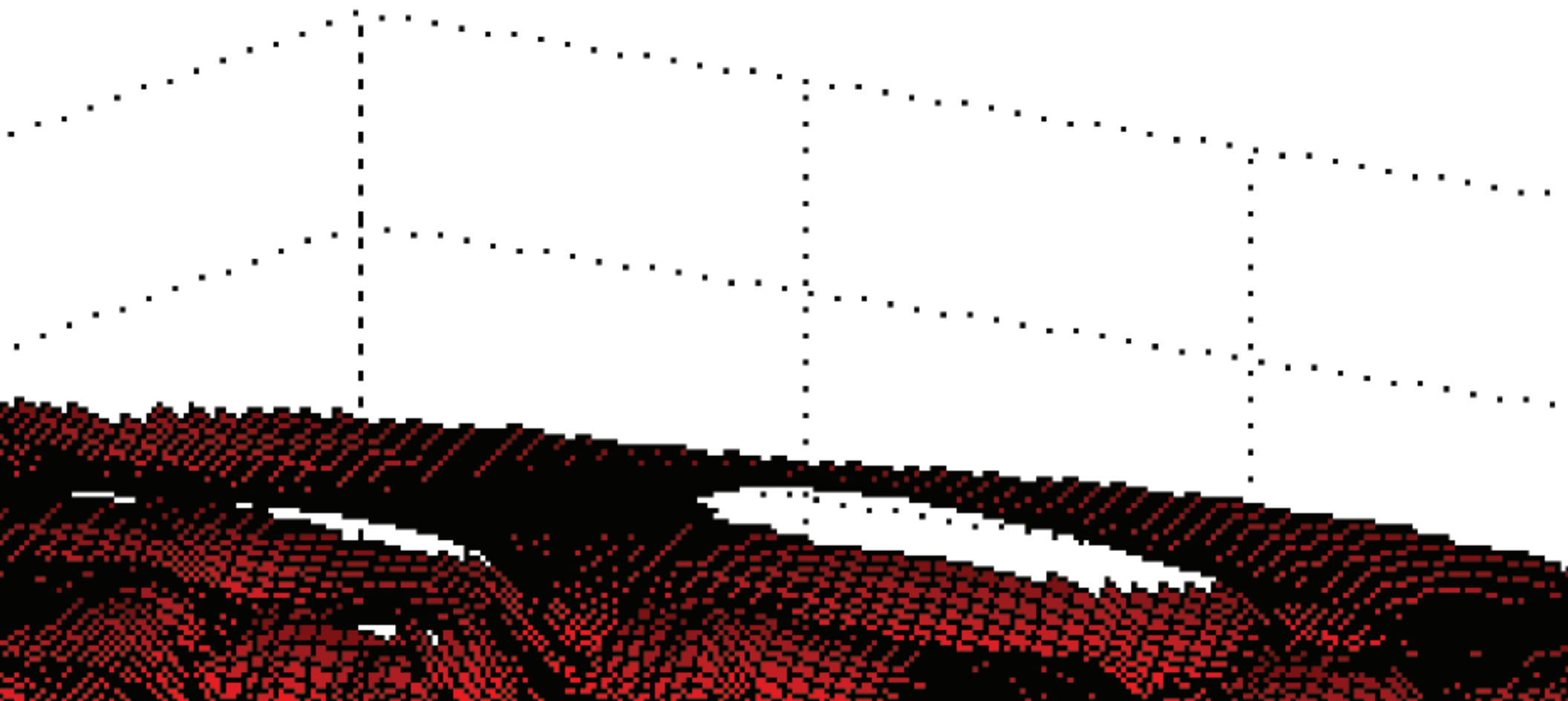


5



L(0, V)

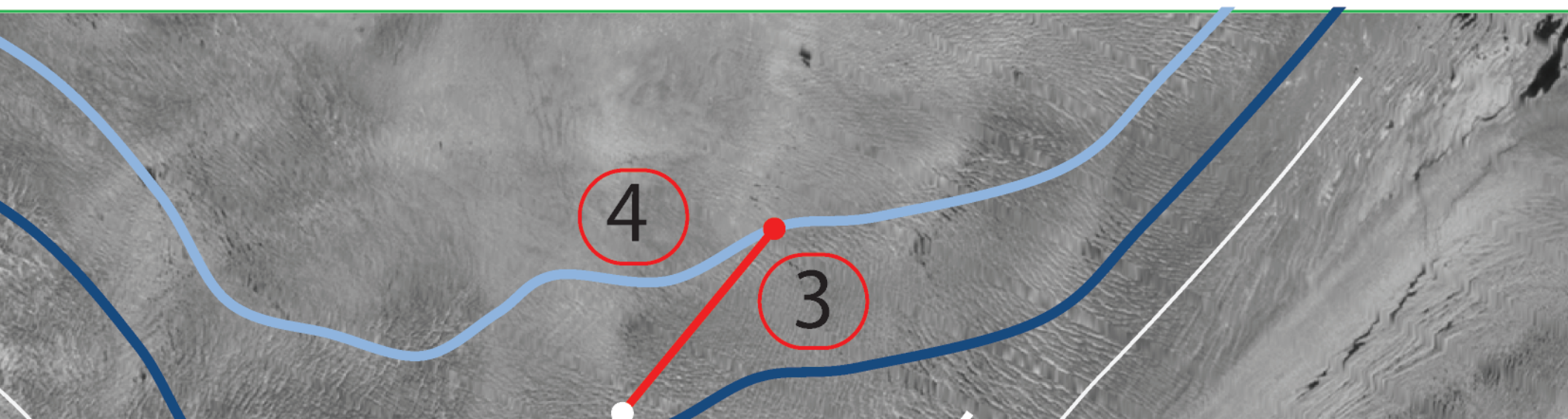
Modified-Nye Depths):  $\sim 0.04$

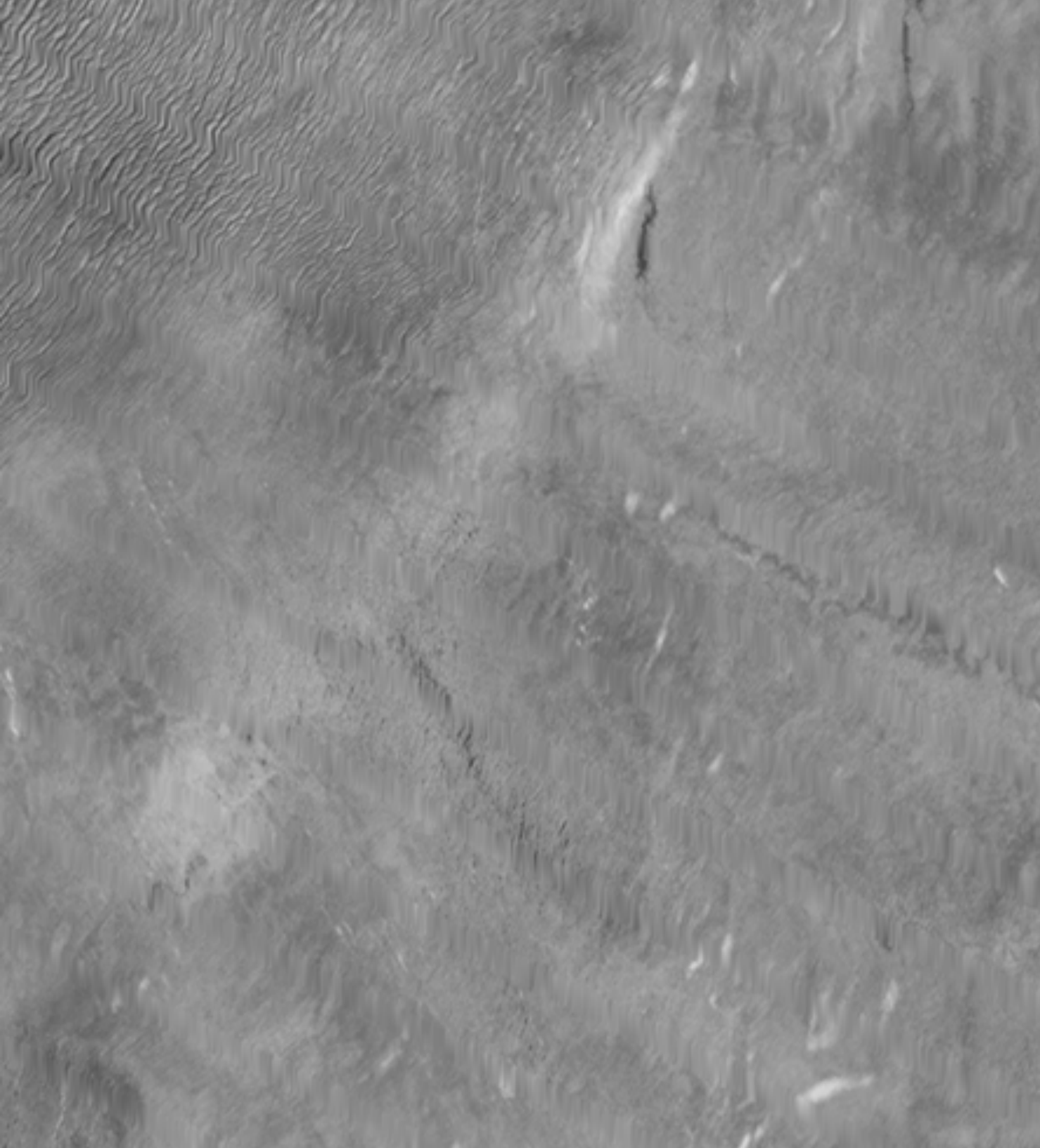


# Jakobshavn Flow Direction



## PLANAR VIEW





stres  
[2011  
Jako  
weak  
ice p  
shea



$$\frac{(1-\tau)}{2\tau}$$

tal velocity

We  
from

Ass  
defo  
( $\tau b =$

CV2

22 k

Flow D

Shear  
margin

