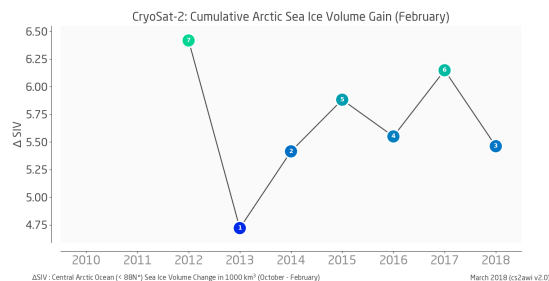
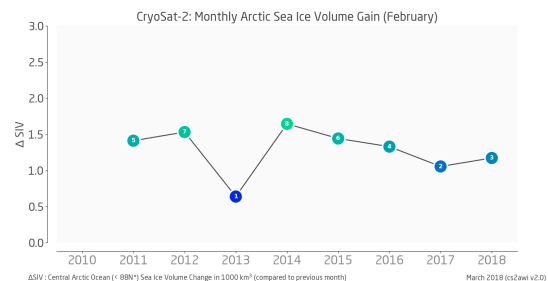
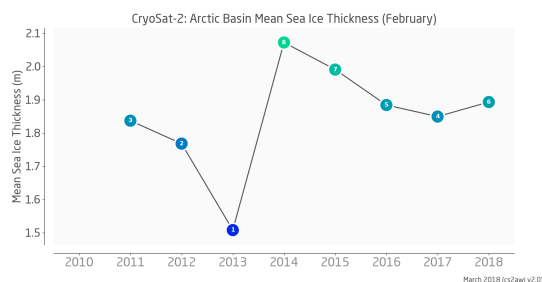
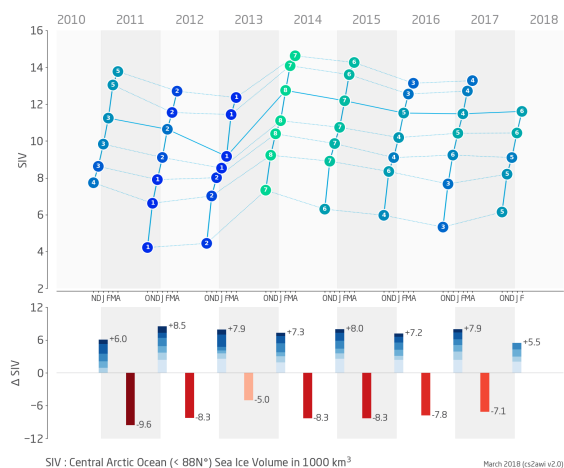
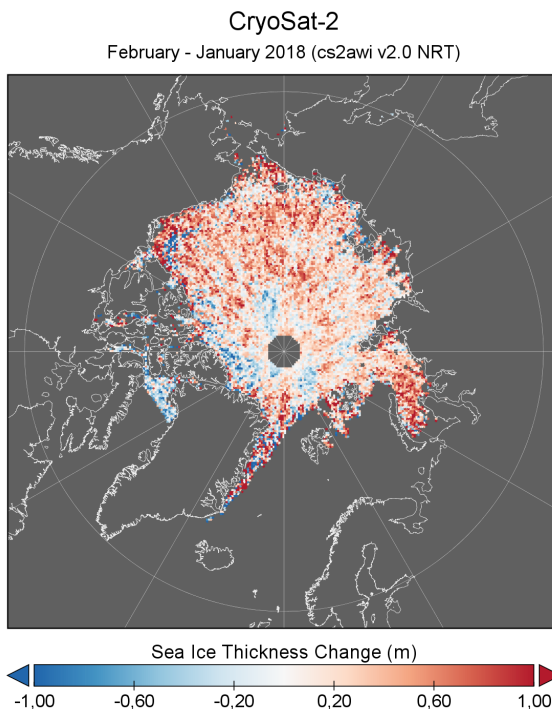
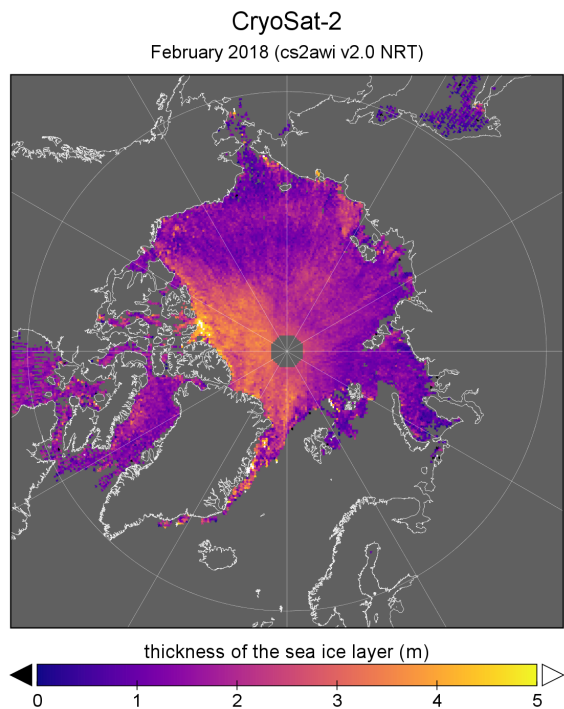


# CryoSat-2: Arctic Update (March 2018)

Arctic sea ice thickness information has been updated with NRT data for February 2018 and reprocessed data for January 2018. Daily, weekly and monthly products are available here: [Reprocessed](#), [Near-real time](#)



## Short Facts

- February sea ice volume in the central Arctic was 6<sup>th</sup> lowest / 3<sup>rd</sup> highest in 8 years of CryoSat-2 observations: 11.61 • 10<sup>3</sup> kms

- highest:  $12.75 \cdot 10^3 \text{ km}^3$  in Feb 2014
  - lowest:  $9.17 \cdot 10^3 \text{ km}^3$  in Feb 2013
  - average:  $11.32 \cdot 10^3 \text{ km}^3$
- February mean sea ice thickness in the central Arctic was 6<sup>th</sup> lowest / 3<sup>rd</sup> highest in 8 years of CryoSat-2 observations: 1.89 m
  - highest: 2.07 m in Feb 2014
  - lowest: 1.51 m in Feb 2013 (potential retrieval anomaly, under investigation)
  - average: 1.85 m
- Monthly sea ice volume gain (January through February) was 3<sup>rd</sup> lowest / 6<sup>th</sup> highest in 8 years of CryoSat-2 observations:  $+1.17 \cdot 10^3 \text{ km}^3$ 
  - highest:  $+1.64 \cdot 10^3 \text{ km}^3$  in Feb 2014 (potential retrieval anomaly, under investigation)
  - lowest:  $+0.64 \cdot 10^3 \text{ km}^3$  in Feb 2013 (potential retrieval anomaly, under investigation)
  - average:  $+1.28 \cdot 10^3 \text{ km}^3$
- Cumulative sea ice volume gain (October through February) was 3<sup>rd</sup> lowest / 6<sup>th</sup> highest in 8 years of CryoSat-2 observations:  $+5.46 \cdot 10^3 \text{ km}^3$ 
  - highest:  $+6.42 \cdot 10^3 \text{ km}^3$  in Feb 2012
  - lowest:  $+4.72 \cdot 10^3 \text{ km}^3$  in Feb 2013 (potential retrieval anomaly, under investigation)
  - average:  $+5.66 \cdot 10^3 \text{ km}^3$