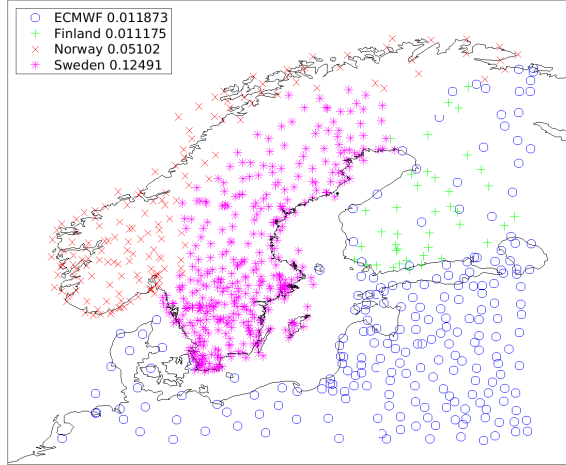


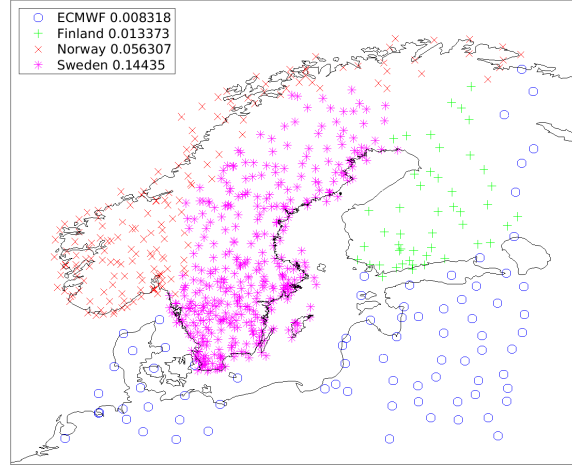
SMHI Gridded Climatology

## Appendix A: Observations

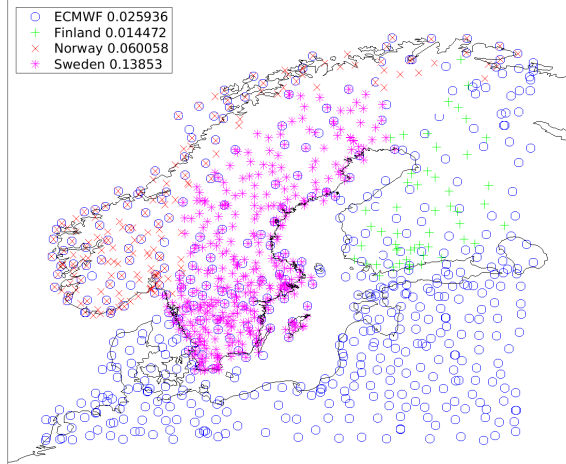
T2m observations for month 1961-07. Legend gives number of observations.



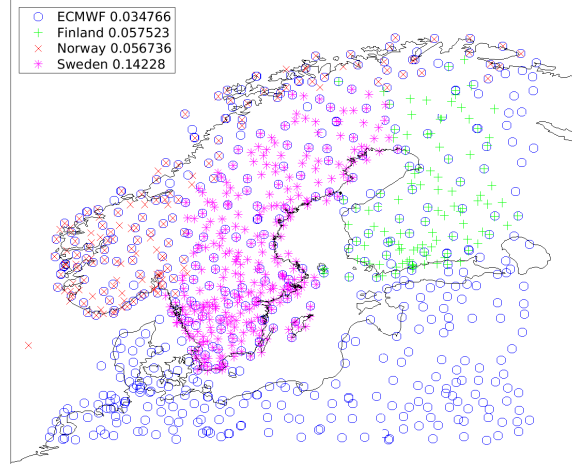
T2m observations for month 1965-07. Legend gives number of observations.



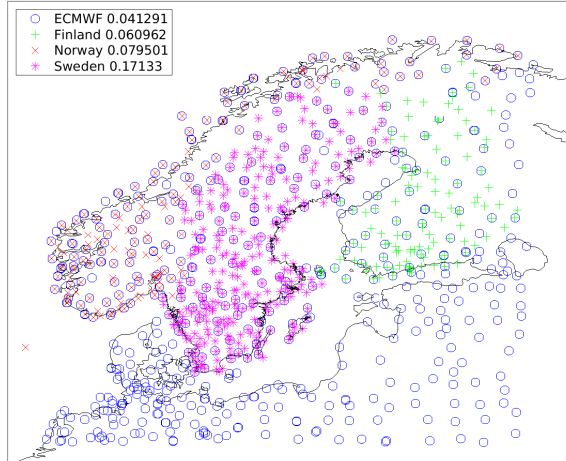
T2m observations for month 1970-07. Legend gives number of observations.



T2m observations for month 1980-07. Legend gives number of observations.



T2m observations for month 1990-07. Legend gives number of observations.



T2m observations for month 2000-07. Legend gives number of observations.

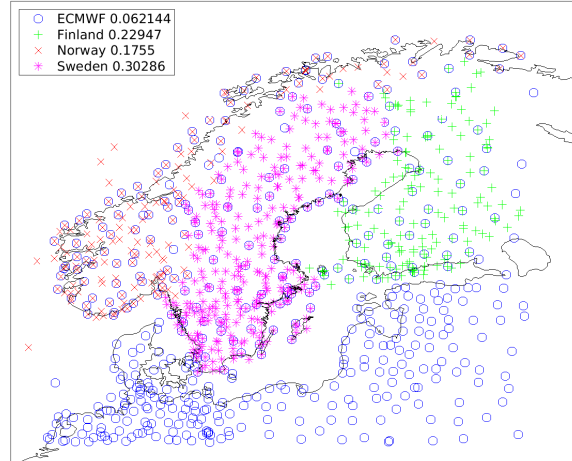
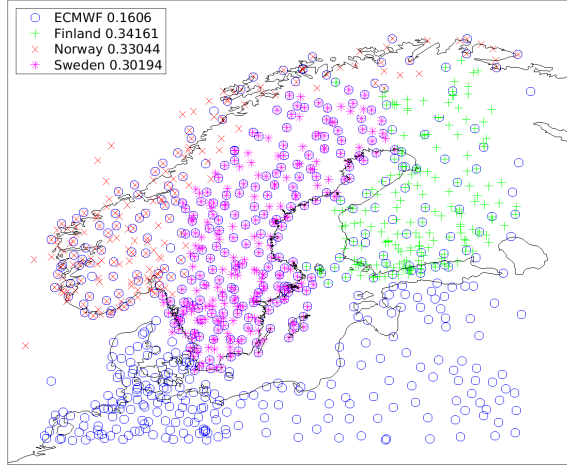
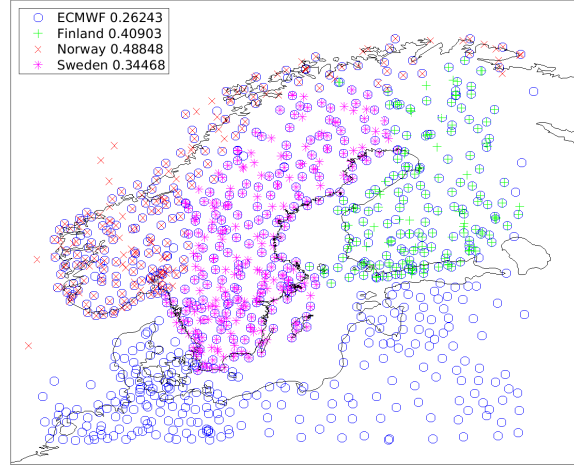


Figure 1: Maps of available T2m observations from different data sources. The observations represent those that are available for a whole month (July) taken into account that they are considered valid within specified limits. The numbers represent number of observations normalized by their corresponding representative areas, thus no obs per month per km<sup>2</sup>.

T2m observations for month 2005-07. Legend gives number of observations.



T2m observations for month 2010-07. Legend gives number of observations.



T2m observations for month 2015-07. Legend gives number of observations.

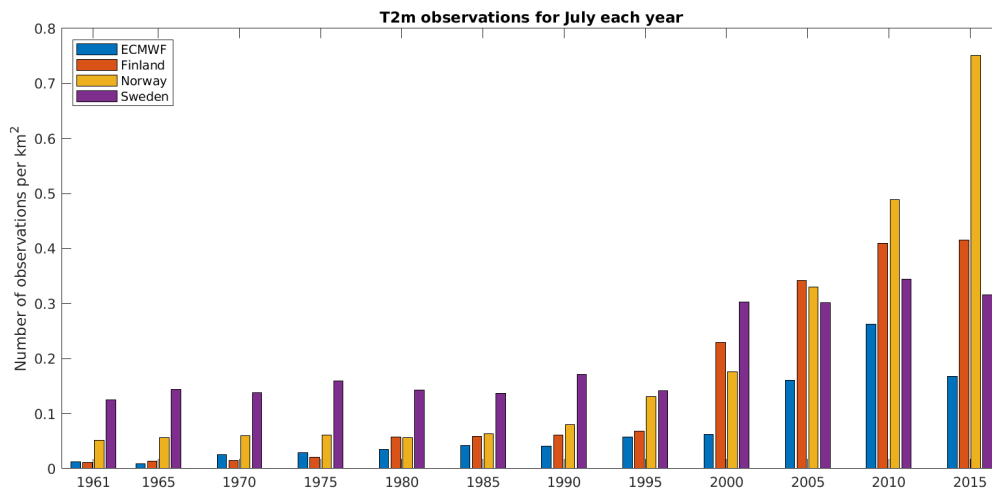
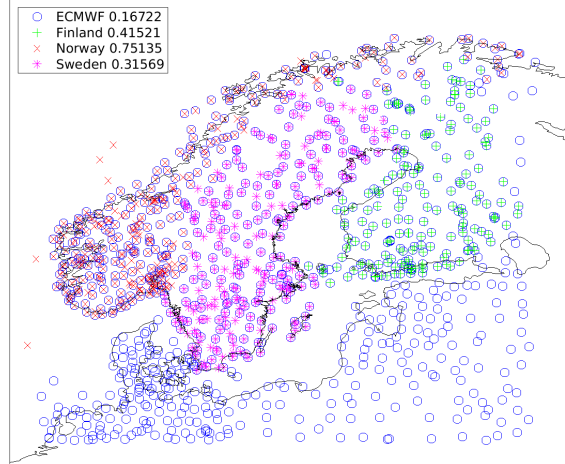
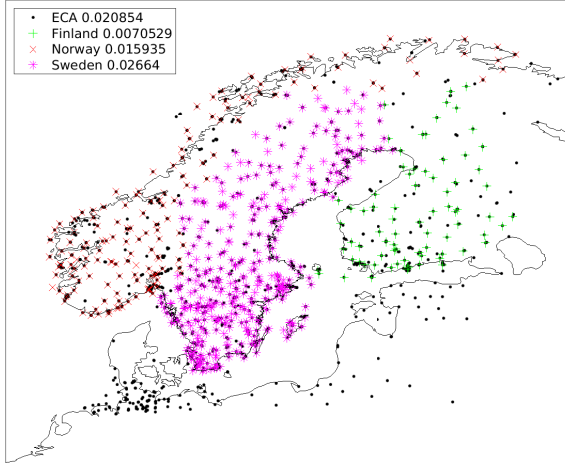
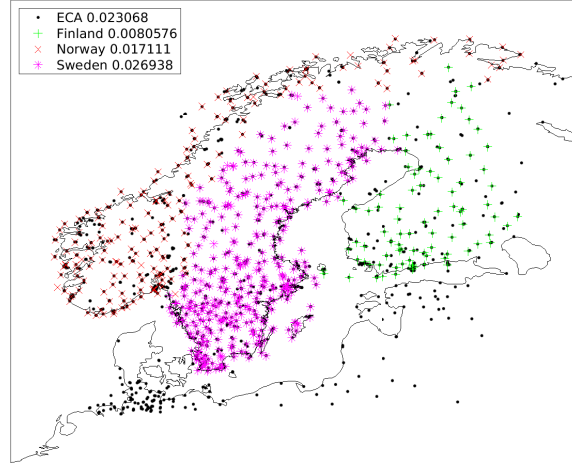


Figure 2: As Figure 1 but also with the numbers from each year-month map showed in a bar plot.

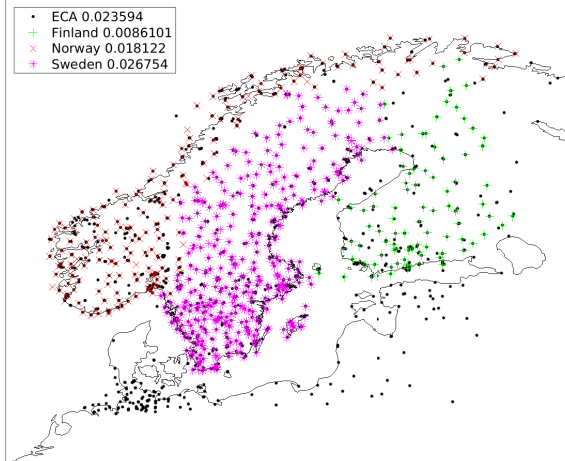
T2mmin observations for month 1961-07. Legend gives number of observations



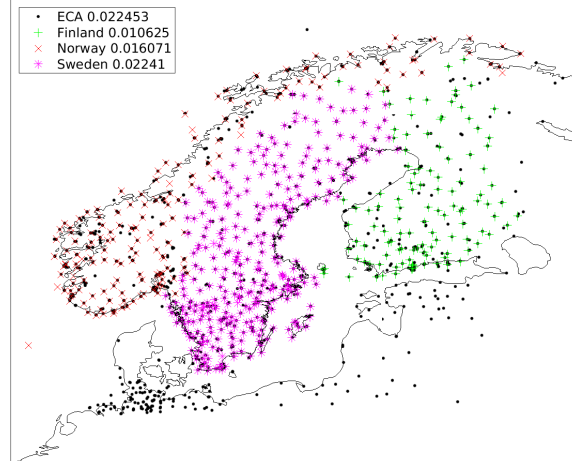
T2mmin observations for month 1965-07. Legend gives number of observations



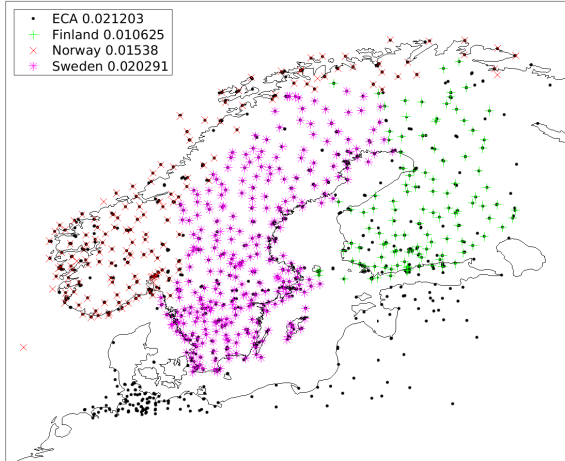
T2mmin observations for month 1970-07. Legend gives number of observations



T2mmin observations for month 1980-07. Legend gives number of observations



T2mmin observations for month 1990-07. Legend gives number of observations



T2mmin observations for month 2000-07. Legend gives number of observations

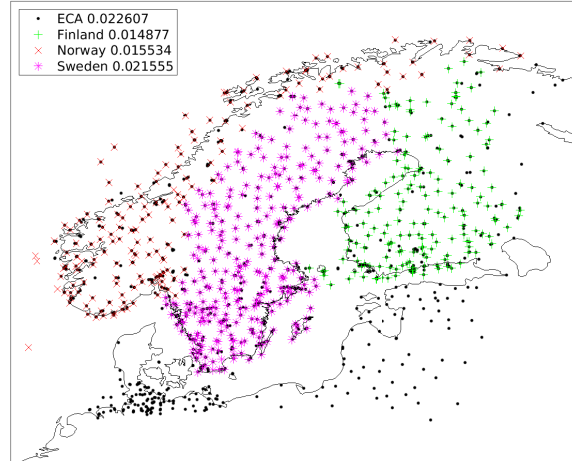


Figure 3: Maps of available T2mmin observations from different data sources. The observations represent those that are available for a whole month (July) taken into account that they are considered valid within specified limits. The numbers represent number of observations normalized by their corresponding representative areas, thus no obs per month per km<sup>2</sup>.



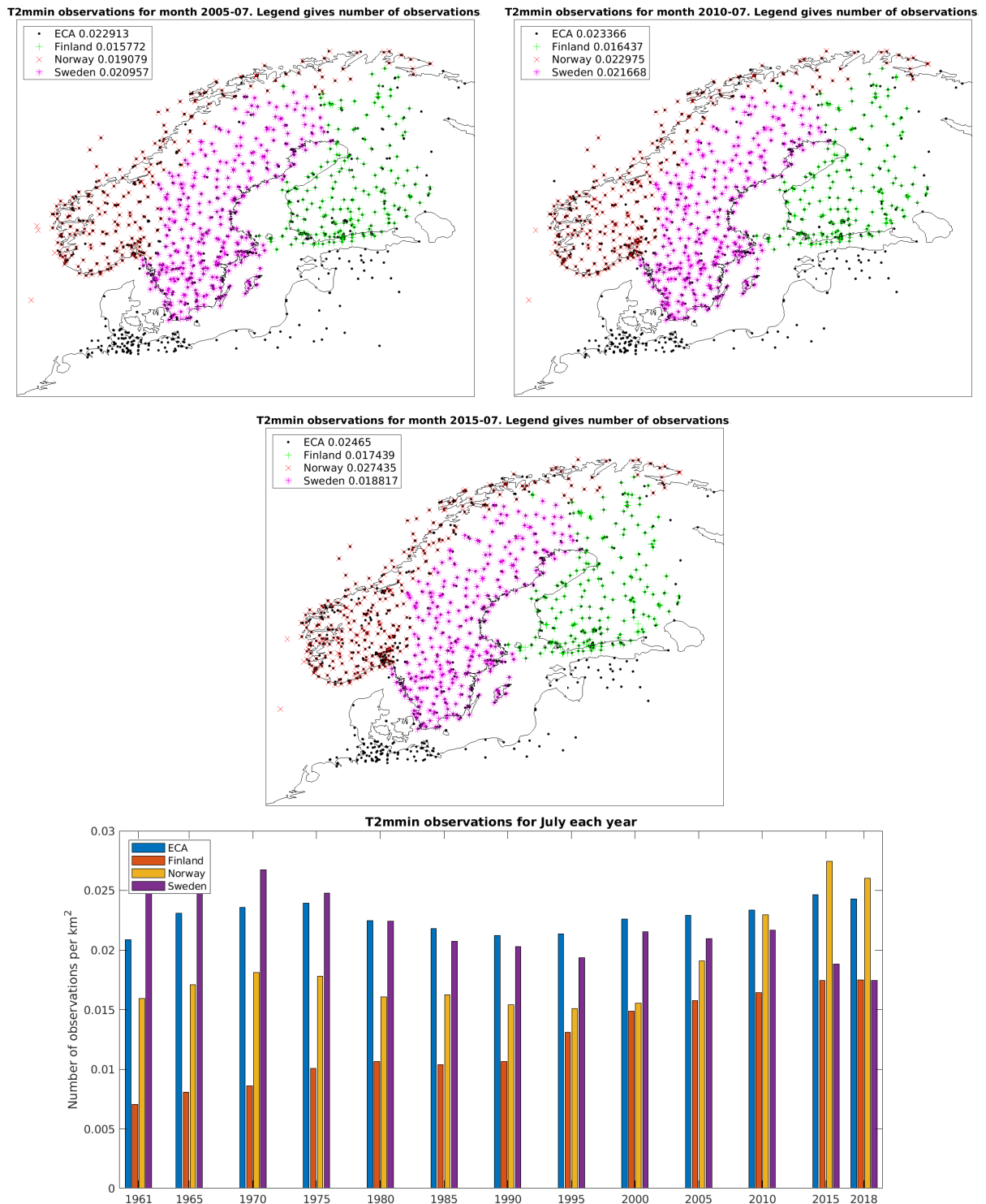
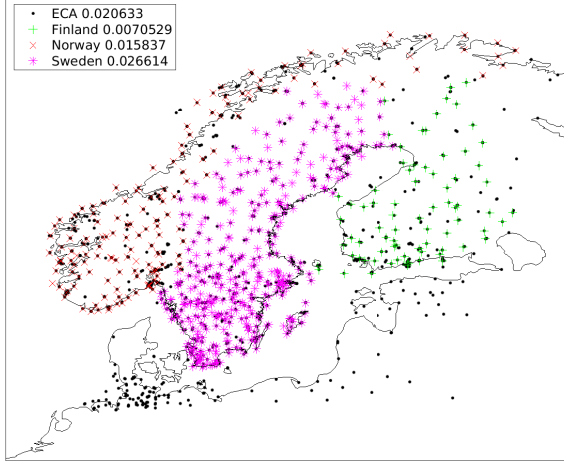
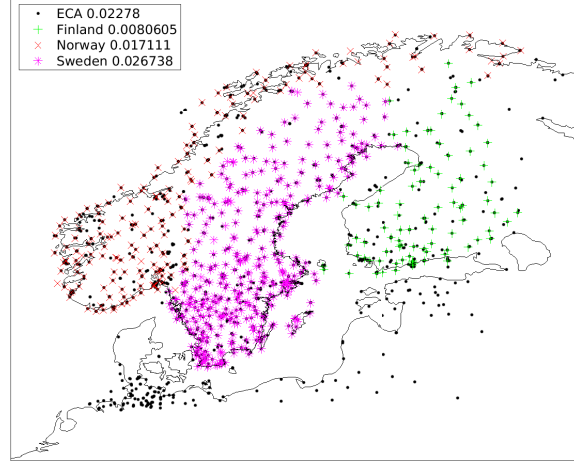


Figure 4: As Figure 3 but also with the numbers from each year-month map showed in a bar plot.

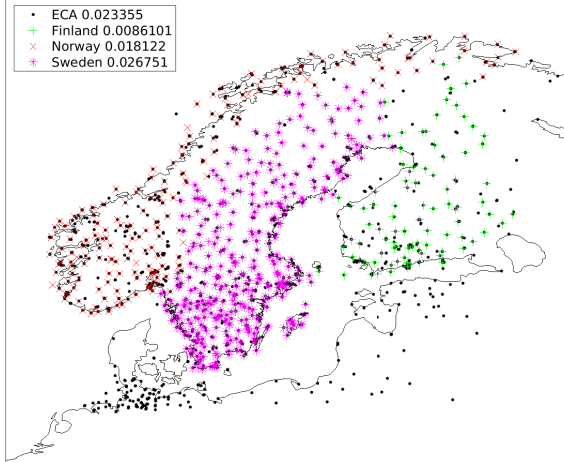
T2mmax observations for month 1961-07. Legend gives number of observations



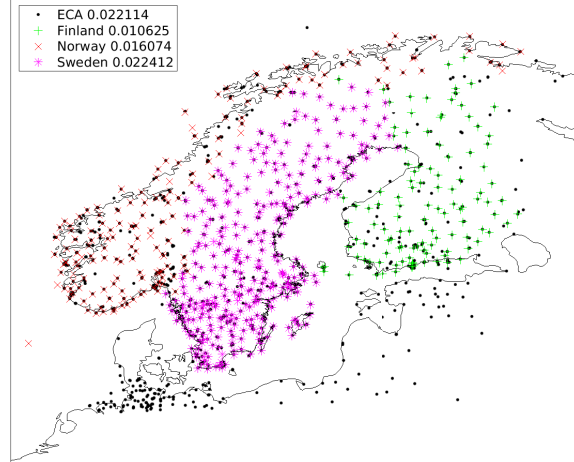
T2mmax observations for month 1965-07. Legend gives number of observations



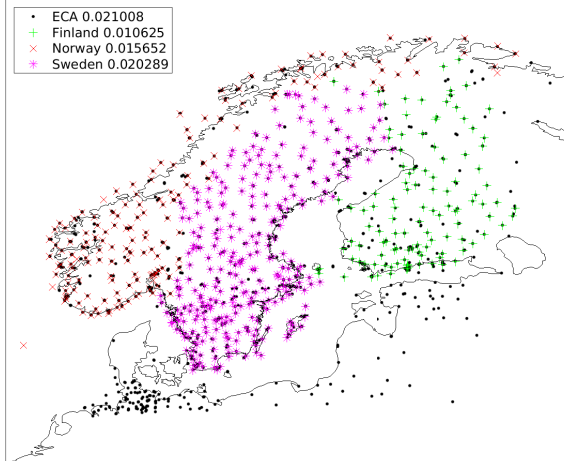
T2mmax observations for month 1970-07. Legend gives number of observations



T2mmax observations for month 1980-07. Legend gives number of observations



T2mmax observations for month 1990-07. Legend gives number of observations



T2mmax observations for month 2000-07. Legend gives number of observations

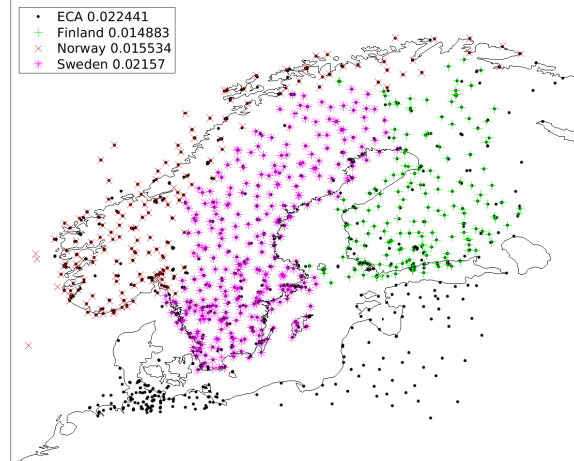


Figure 5: Maps of available T2mmax observations from different data sources. The observations represent those that are available for a whole month (July) taken into account that they are considered valid within specified limits. The numbers represent number of observations normalized by their corresponding representative areas, thus no obs per month per km<sup>2</sup>.

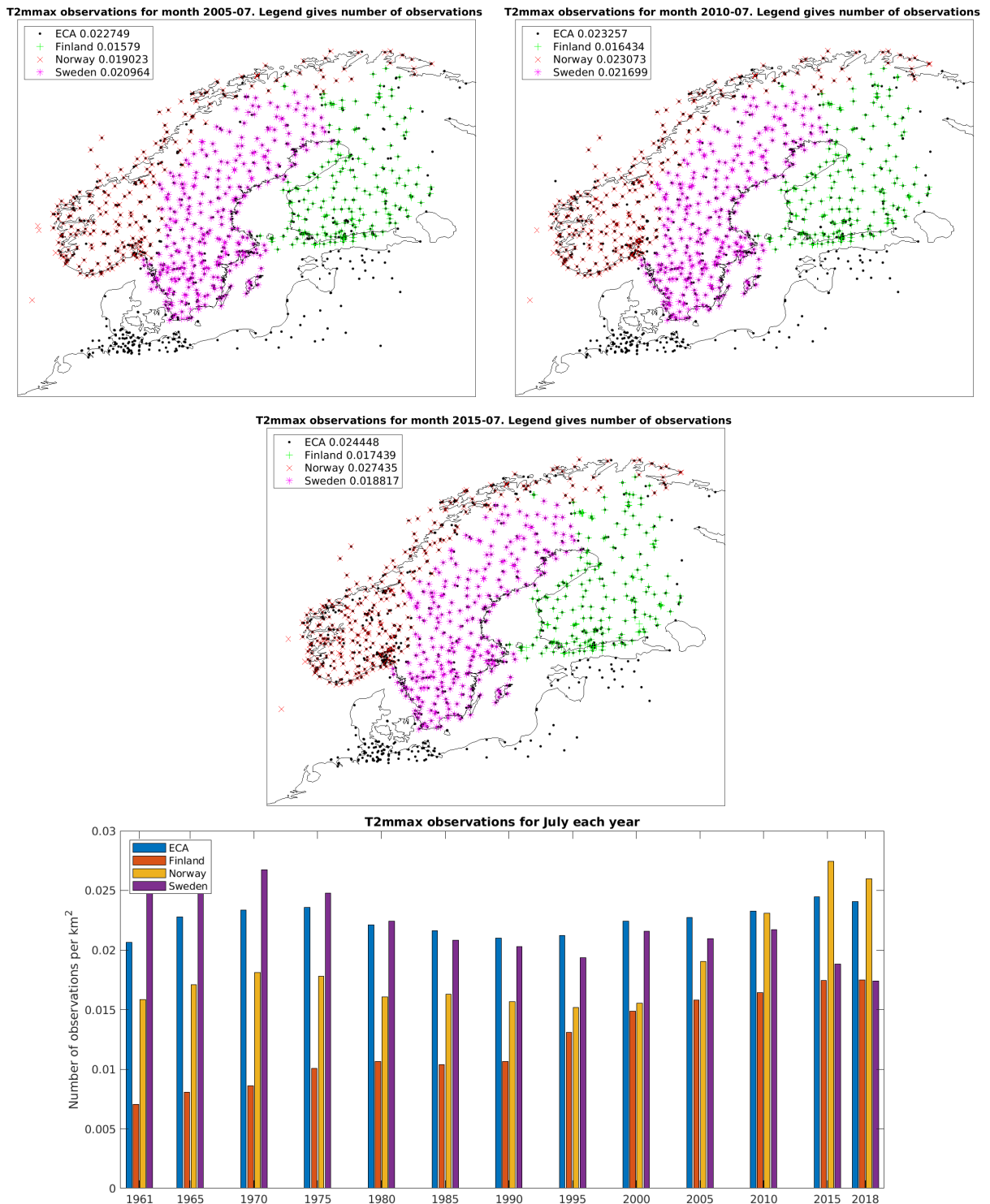
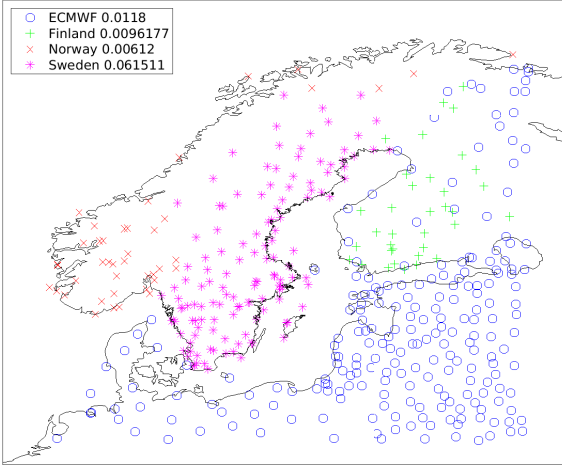
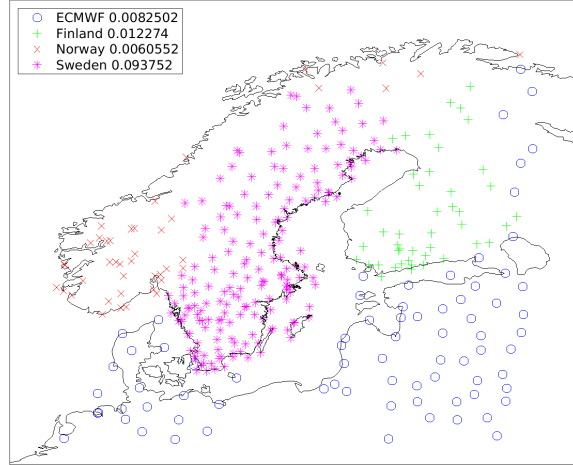


Figure 6: As Figure 5 but also with the numbers from each year-month map showed in a bar plot.

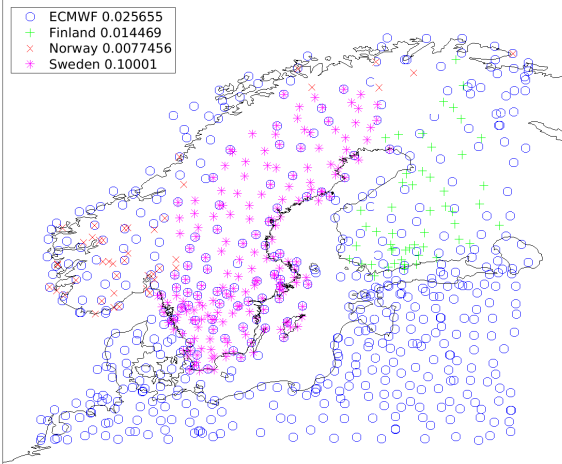
Td2m observations for month 1961-07. Legend gives number of observations.



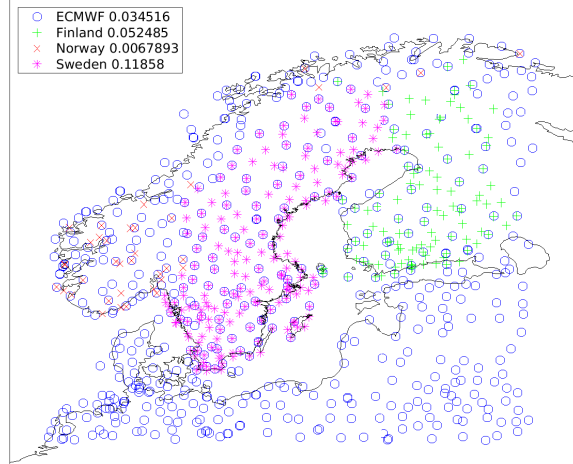
Td2m observations for month 1965-07. Legend gives number of observations.



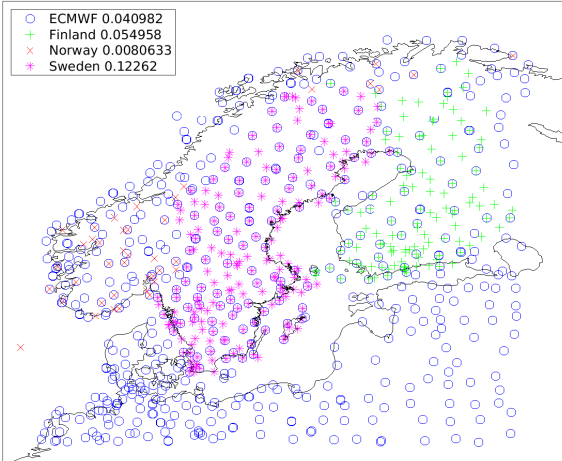
Td2m observations for month 1970-07. Legend gives number of observations.



Td2m observations for month 1980-07. Legend gives number of observations.



Td2m observations for month 1990-07. Legend gives number of observations.



Td2m observations for month 2000-07. Legend gives number of observations.

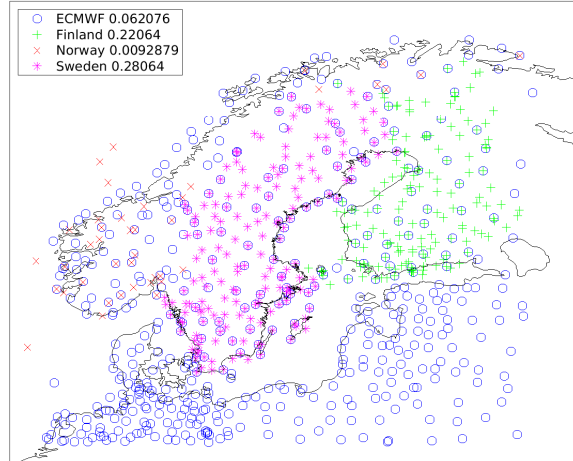
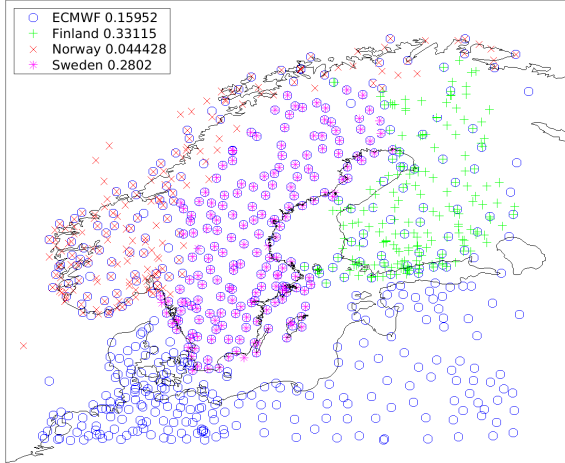
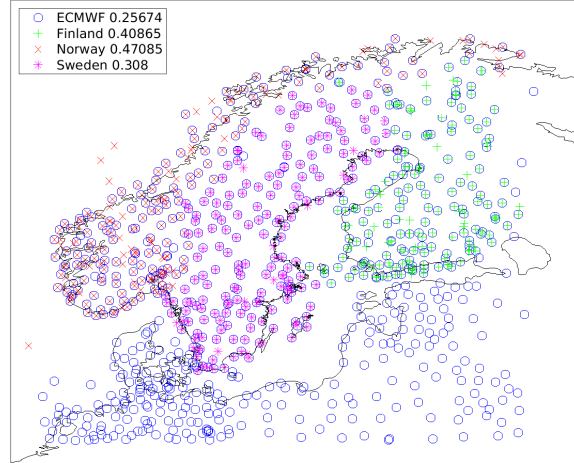


Figure 7: Maps of available Td2m observations from different data sources. The observations represent those that are available for a whole month (July) taken into account that they are considered valid within specified limits. The numbers represent number of observations normalized by their corresponding representative areas, thus no obs per month per km<sup>2</sup>.

Td2m observations for month 2005-07. Legend gives number of observations.



Td2m observations for month 2010-07. Legend gives number of observations.



Td2m observations for month 2015-07. Legend gives number of observations.

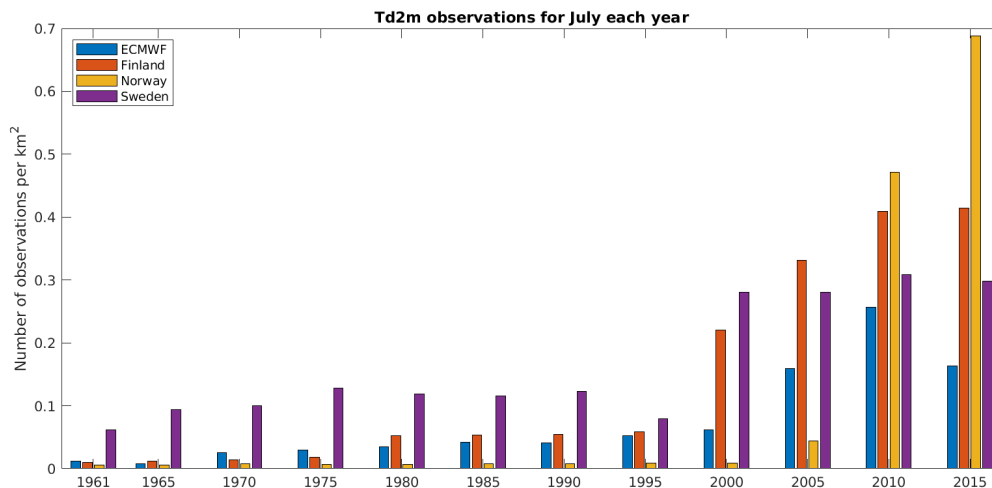
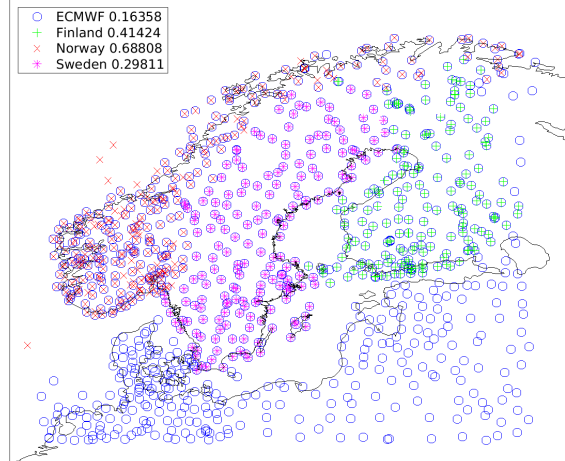
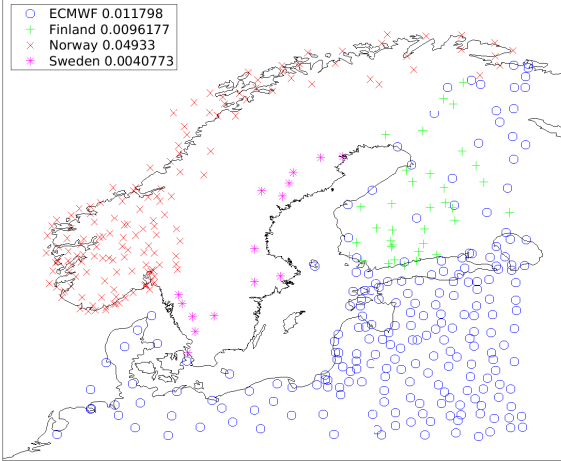
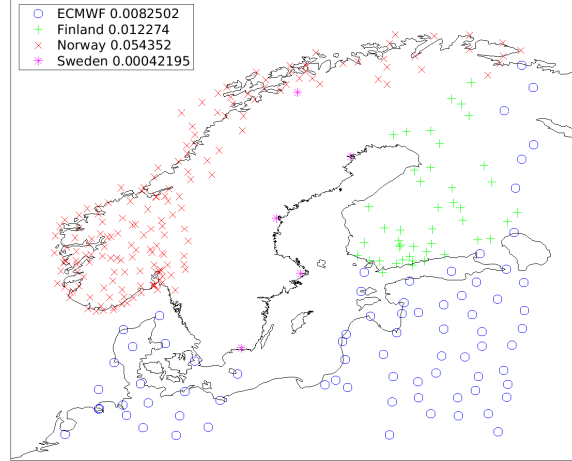


Figure 8: As Figure 7 but also with the numbers from each year-month map showed in a bar plot.

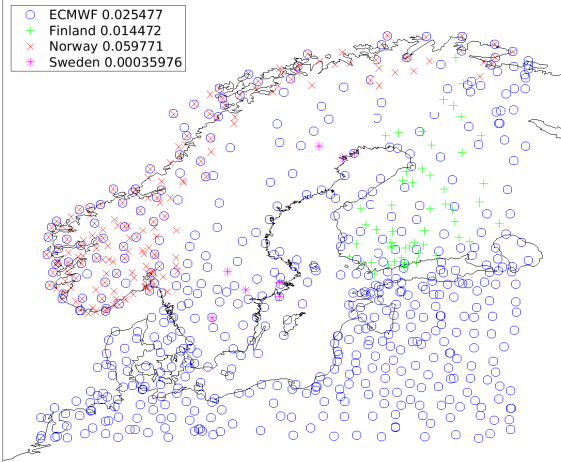
Rh2m observations for month 1961-07. Legend gives number of observations.



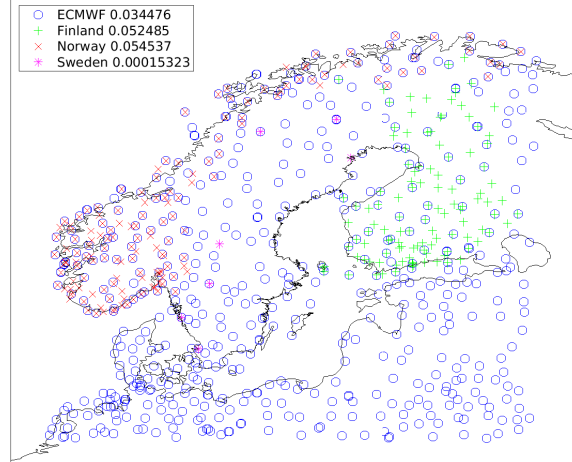
Rh2m observations for month 1965-07. Legend gives number of observations.



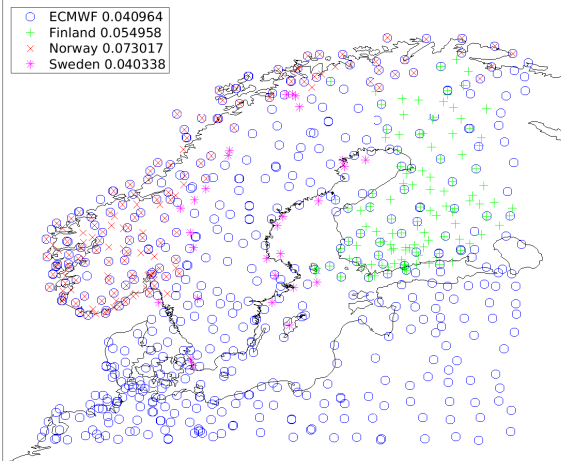
Rh2m observations for month 1970-07. Legend gives number of observations.



Rh2m observations for month 1980-07. Legend gives number of observations.



Rh2m observations for month 1990-07. Legend gives number of observations.



Rh2m observations for month 2000-07. Legend gives number of observations.

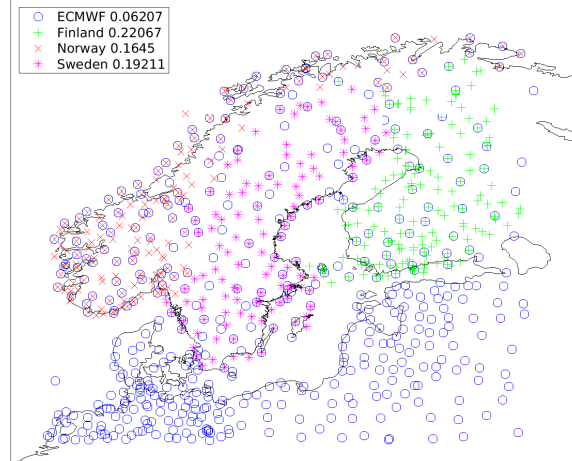


Figure 9: Maps of available Rh2m observations from different data sources. The observations represent those that are available for a whole month (July) taken into account that they are considered valid within specified limits. The numbers represent number of observations normalized by their corresponding representative areas, thus no obs per month per km<sup>2</sup>.

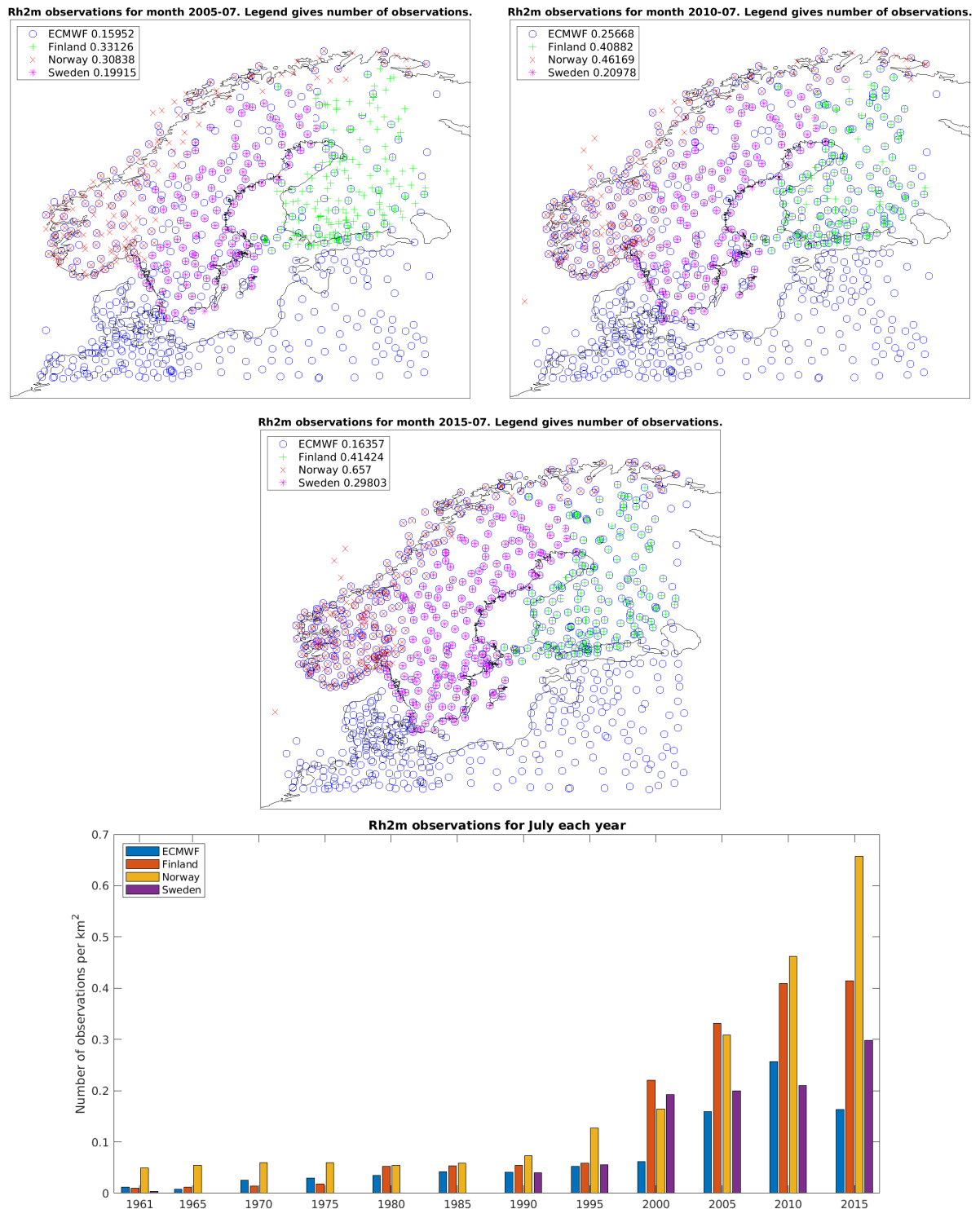


Figure 10: As Figure 9 but also with the numbers from each year-month map showed in a bar plot.



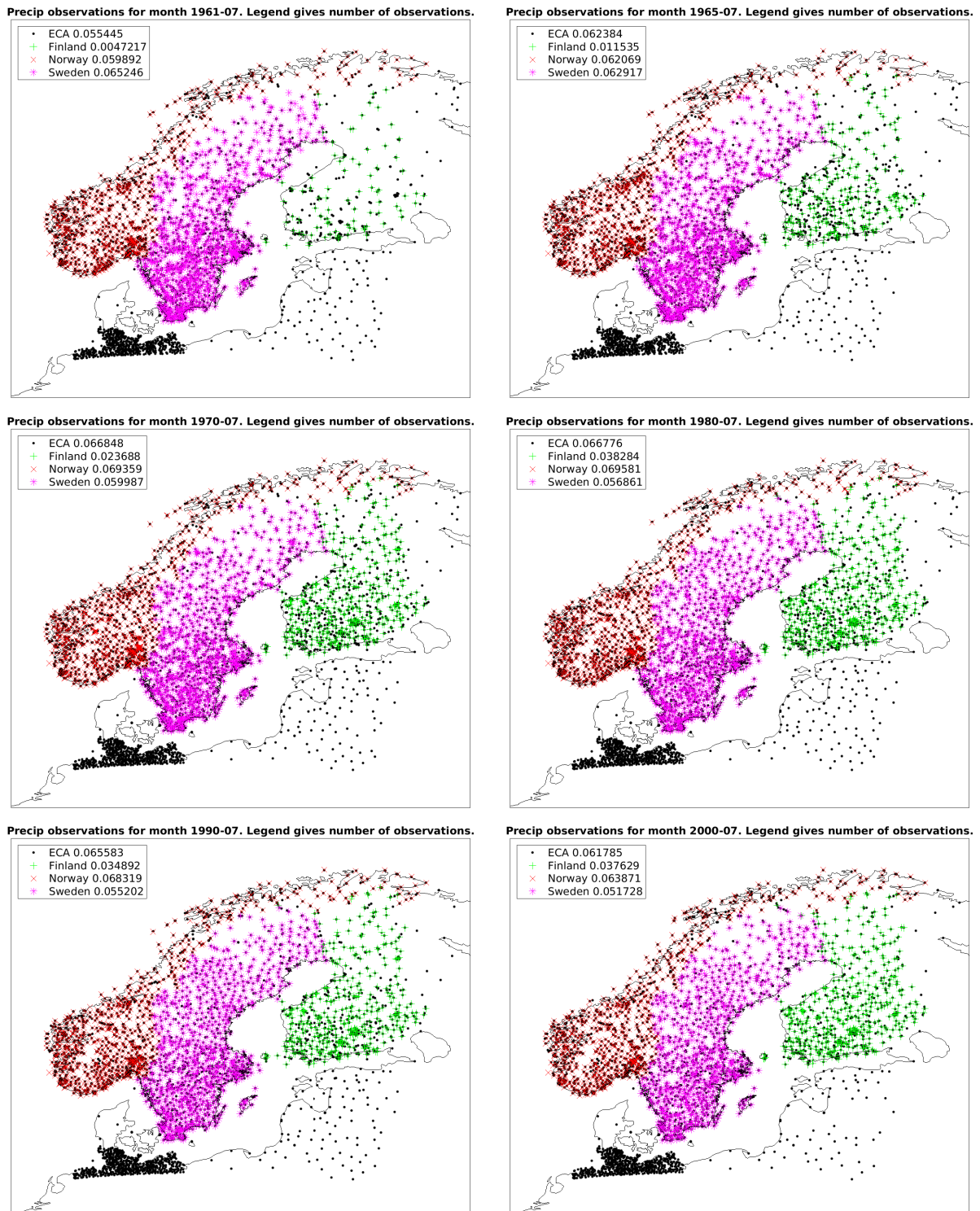


Figure 11: Maps of available Precip observations from different data sources. The observations represent those that are available for a whole month (July) taken into account that they are considered valid within specified limits. The numbers represent number of observations normalized by their corresponding representative areas, thus no obs per month per km<sup>2</sup>.



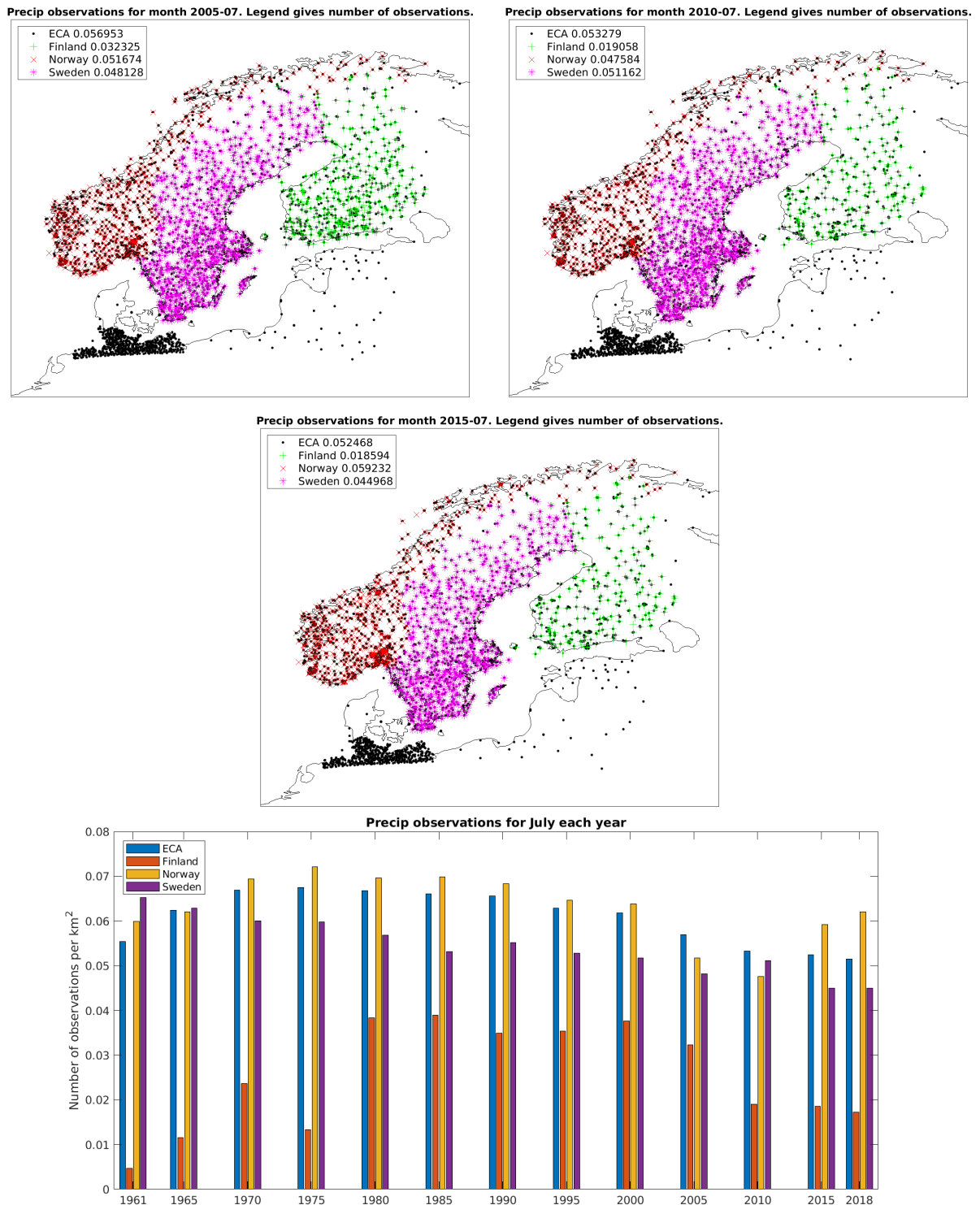
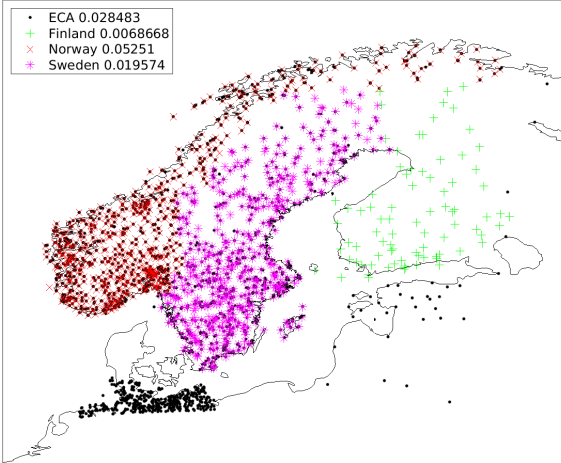
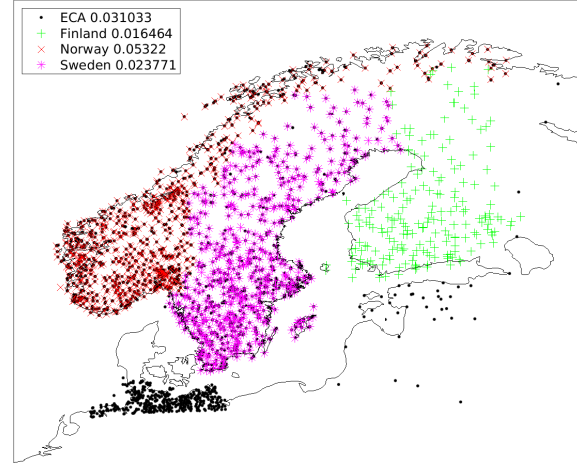


Figure 12: As Figure 11 but also with the numbers from each year-month map showed in a bar plot.

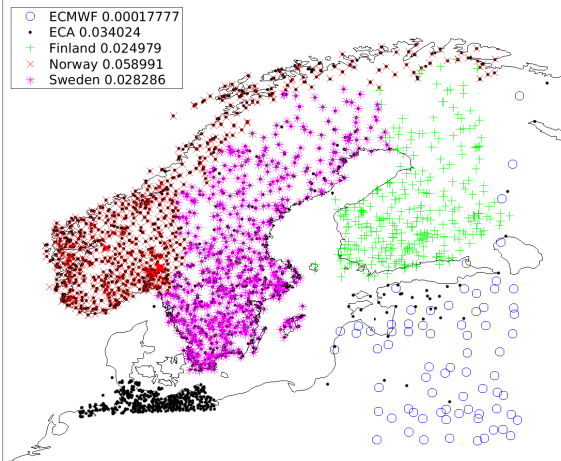
snow observations for month 1961-02. Legend gives number of observations.



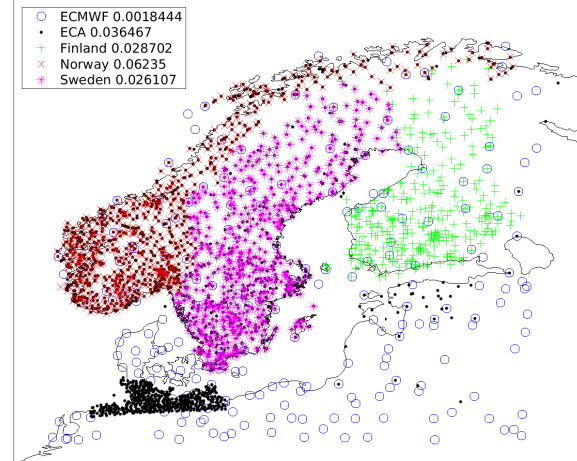
snow observations for month 1965-02. Legend gives number of observations.



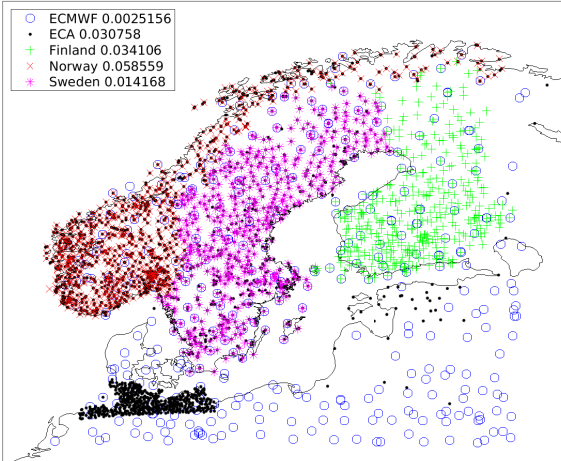
snow observations for month 1970-02. Legend gives number of observations.



snow observations for month 1980-02. Legend gives number of observations.



snow observations for month 1990-02. Legend gives number of observations.



snow observations for month 2000-02. Legend gives number of observations.

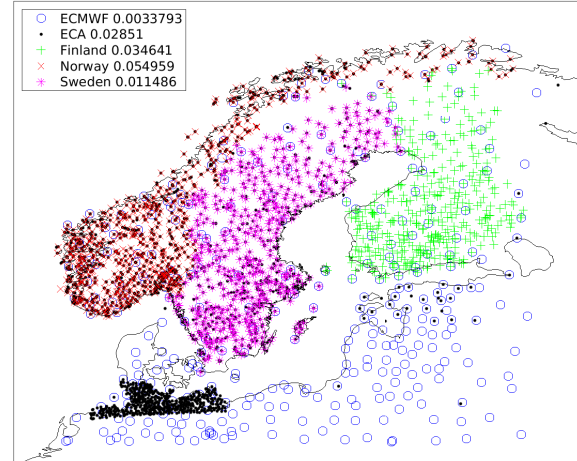


Figure 13: Maps of available snow observations from different data sources. The observations represent those that are available for a whole month (February) taken into account that they are considered valid within specified limits. The numbers represent number of observations normalized by their corresponding representative areas, thus no obs per month per km<sup>2</sup>.

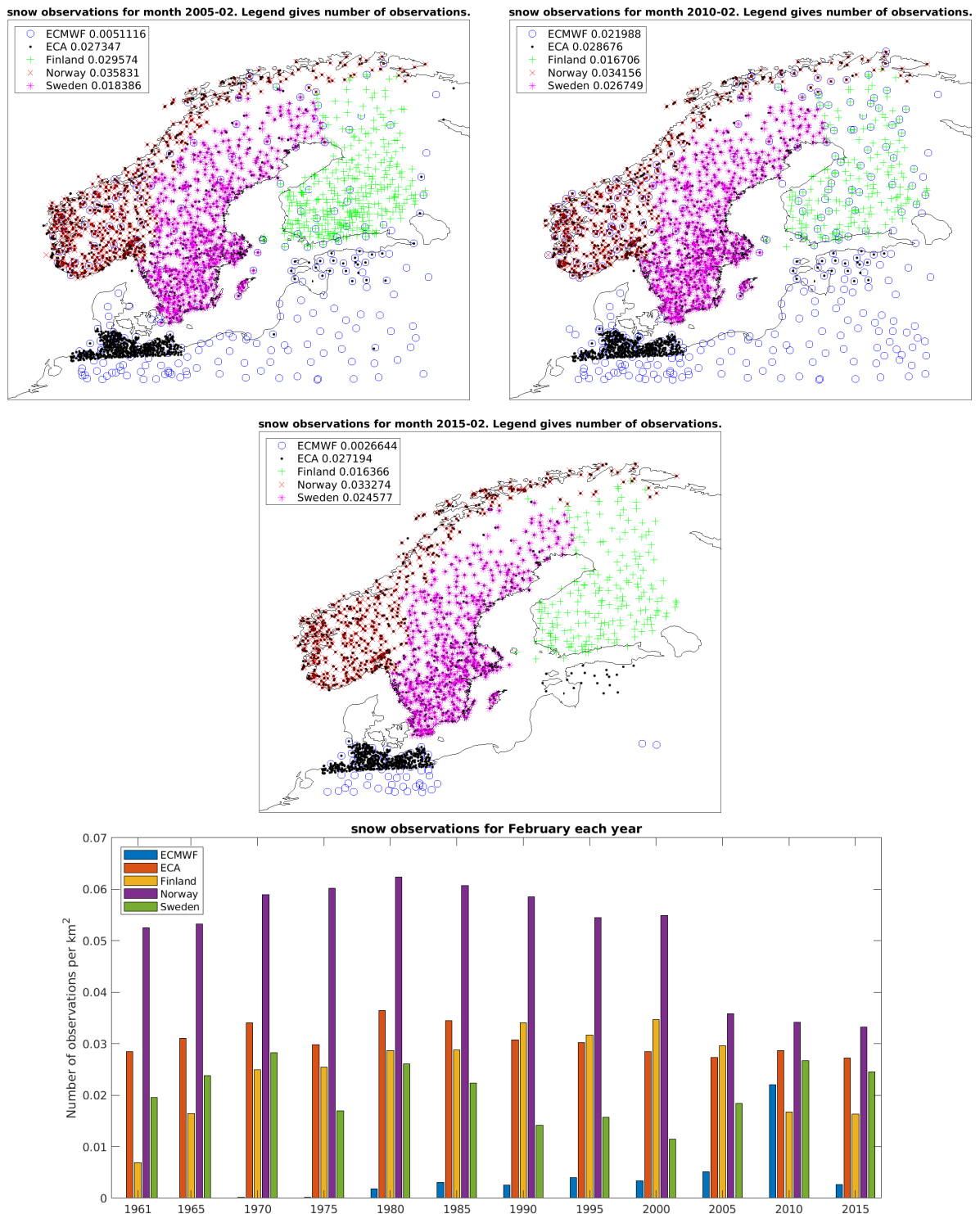


Figure 14: As Figure 13 but also with the numbers from each year-month map showed in a bar plot.

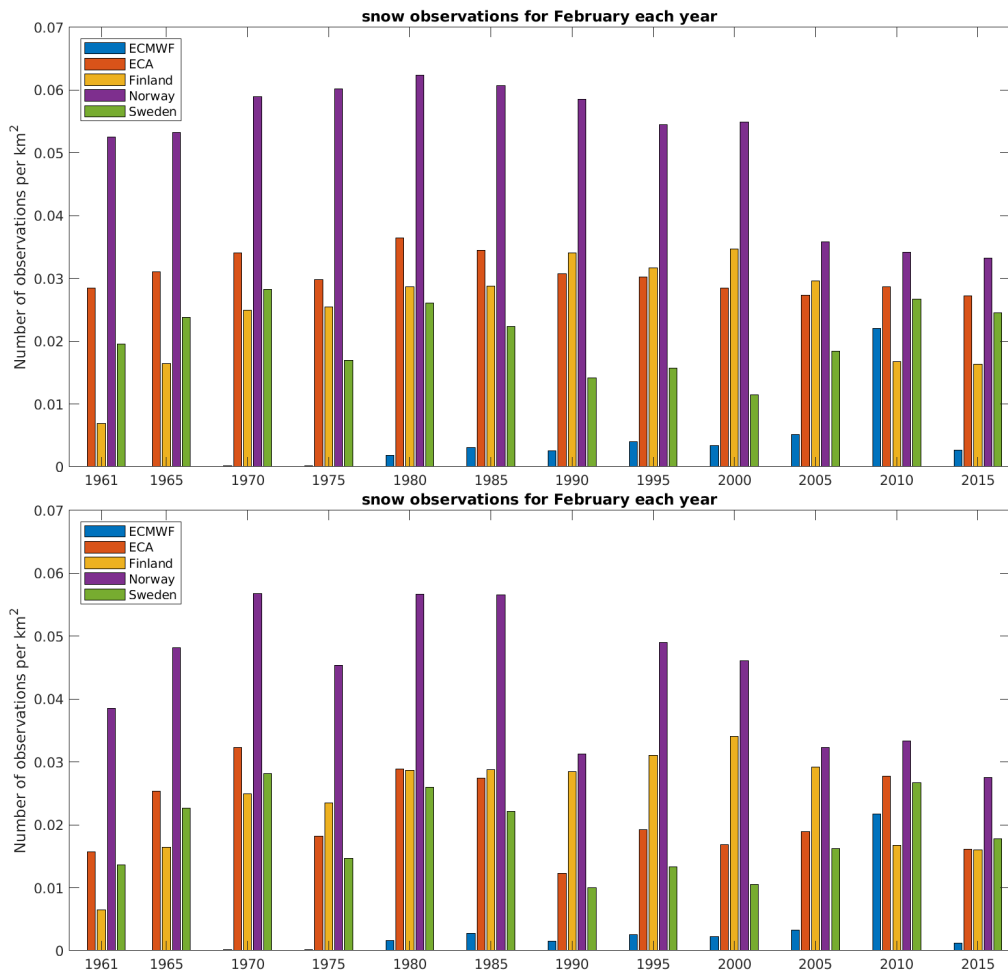


Figure 15: For snow depth, the numbers from each year-month map showed in a bar plot. Observations include (top) or exclude (bottom) observations for zero snow depth.