

# ***Interactive comment on “Meteorological, soil moisture, surface water, and groundwater data from the St Denis National Wildlife Area, Saskatchewan, Canada” by Edward K. P. Bam et al.***

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Received and published: 19 November 2018

## General comments

It is great to see the data of this prairie monitoring site being made available to all. As the authors mention, there are timeseries of varying observation frequency and duration. Together they paint a very detailed picture of hydrological dynamics of prairie wetlands and their surroundings. The dataset fits very well into the scope of EESD. Please consider the comments below to clarify some of the descriptions.

## Specific comments

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Page 3, line 5: Are you able to include the long-term pond chemistry data in the open dataset? If not, maybe mention that briefly here.

Figure 1: Inset with location of the site: what does the grey shading indicate?

Section 3: Please describe when in the winter the SWE data was collected. The wording of the caption of Figure 3 is not 100% clear to me: are the points the cumulative SWE of snow fallen or the content of the snow pack before melt? Are they averages of multiple days as well as of multiple locations in the landscape? If not, maybe include the date of each survey in the csv file as well.

Technical comments

page 3, line 1, typo: biologists

Figure 2 - temperature plots: use degree symbol in the axis labels

Figure 6: consider changing the point types/sizes to show some of the 2015 freezing characteristic. Or is it missing/compromised?

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Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2018-125>, 2018.

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