

The figure consists of four vertically stacked panels, each showing a time series of meteorological data from Thursday, January 15, to Wednesday, January 21, 2023. The x-axis for all panels is time, with labels for each day (Thu 15-Jan, Fri 16-Jan, Sat 17-Jan, Sun 18-Jan, Mon 19-Jan, Tue 20-Jan, Wed 21-Jan). The y-axes are as follows:

- Top Panel:** Surface Pressure, mb. The scale ranges from 1020 to 1030. The data shows a general upward trend from approximately 1020 mb on Thursday to a peak of about 1030 mb on Sunday, followed by a slight decrease.
- Second Panel:** Air Temperature, C. The scale ranges from 10 to 20. The temperature starts around 15°C on Thursday, drops to a minimum of about 8°C on Friday, then rises to a peak of about 21°C on Saturday, before fluctuating between 10°C and 18°C for the remainder of the week.
- Third Panel:** Relative Humidity, %. The scale ranges from 0 to 100. Humidity is relatively low (around 40-50%) on Thursday and Friday, then increases significantly on Saturday and Sunday, peaking at nearly 90% on Sunday. It remains high (above 60%) through the end of the week.
- Bottom Panel:** Cloud Cover, %. The scale ranges from 0 to 100. Cloud cover is mostly zero on Thursday and Friday, with a sharp increase to about 70% on Saturday. It remains high (above 50%) on Sunday and Monday, then drops to near zero on Tuesday and Wednesday.

