Meteorological Data in China

1. Data Summary

The meteorological data covers wind speed, visibility, temperature, station pressure, snow depth, sea level pressure, precipitation amount, sustained wind speed, wind gust, and dew point and it is started from December 1, 2019.

2. Field Description

a. **wdsp**: inverse-distance weighted mean wind speed (knots)
b. **visib**: inverse-distance weighted mean visibility (miles)
c. **temp**: inverse-distance weighted mean temperature (Fahrenheit)
d. **stp**: inverse-distance weighted mean station pressure (mb)
e. **sndp**: inverse-distance weighted snow depth (inches)
f. **slp:** inverse-distance weighted mean sea level pressure (mb)
g. **prcp**: inverse-distance weighted precipitation amount (inches)
h. **mxspd**: inverse-distance weighted maximum sustained wind speed (knots)
i. **gust**: inverse-distance weighted maximum wind gust (knots)
j. **dewp**: inverse-distance weighted mean dew point (Fahrenheit)

3. Data Sources

https://www7.ncdc.noaa.gov/CDO/cdoselect.cmd?datasetabbv=GSOD&countryabbv=&georegionabbv=

4. People Contribution & Credit

a. Shuming Bao, supervisor
b. Tao Hu, cooperation leader from Harvard University and China Data Lab
c. Yi Huang, data crawler
d. Xinyue Ye, collaborator
e. Yunhao, workflow implementation

5. Suggested Citation

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6. Disclaimer

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