A Big Earth Data Platform for Three Poles

**Qilian Mountains integrated observatory network: Dataset of Heihe integrated observatory network (Cosmic-ray observation system of soil moisture of Sidaoqiao Superstation, 2021)**

1、Description

2、Keywords

Theme：Visibility,Hydrology  
Discipline：Atmosphere,Terrestrial Surface  
Places：The lower reaches of the heihe river, Heihe River Basin, Sidaoqiao superstation  
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0012 | - |
| west：101.1374 | - | east：101.1374 |
| - | south：42.0012 | - |

5、Time frame:2020-12-31 16:00:00+00:00--2021-12-30 16:00:00+00:00

6、Reference method

References to data:

LI Xin, LIU Shaomin, ZHANG Yang, XU Ziwei, ZHU Zhongli, REN Zhiguo, TAN Junlei, CHE Tao. Qilian Mountains integrated observatory network: Dataset of Heihe integrated observatory network (Cosmic-ray observation system of soil moisture of Sidaoqiao Superstation, 2021). A Big Earth Data Platform for Three Poles, doi:10.11888/Atmos.tpdc.2724642022

References to articles:

Liu, S., Li, X., Xu, Z., Che, T., Xiao, Q., Ma, M., Liu, Q., Jin, R., Guo, J., Wang, L., Wang, W., Qi, Y., Li, H., Xu, T., Ran, Y., Hu, X., Shi, S., Zhu, Z., Tan, J., Zhang, Y., Ren, Z. (2018). The Heihe Integrated Observatory Network: A basin‐scale land surface processes observatory in China. Vadose Zone Journal, 17,180072. https://doi.org/10.2136/vzj2018.04.0072.  
  
Wang, Binbin, Ma, Yaoming, Chen, Xuelong, Ma, Weiqiang, Su, Zhongbo, Menenti, Massimo. Observation and simulation of lake-air heat and water transfer processes in a high-altitude shallow lake on the Tibetan Plateau. Journal of Geophysical Research: Atmospheres, 2015, 120(24):2015JD023863. doi:10.1002/2015JD023863

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: ZHU Zhongli  
unit:   
email: zhuzl@bnu.edu.cn  
  
name: XU Ziwei  
unit: Beijing Normal University  
email: xuzw@bnu.edu.cn  
  
name: LI Xin  
unit:   
email: xinli@itpcas.ac.cn  
  
name: LIU Shaomin  
unit: Beijing Normal University  
email: smliu@bnu.edu.cn  
  
name: CHE Tao  
unit:   
email: chetao@lzb.ac.cn  
  
name: ZHANG Yang  
unit:   
email: zhangyang@lzb.ac.cn  
  
name: TAN Junlei  
unit:   
email: tanjunlei@lzb.ac.cn  
  
name: REN Zhiguo  
unit:   
email: rzgehu@lzb.ac.cn