A Big Earth Data Platform for Three Poles

**Meteorological monitoring data of Kara-Batkak glacier in the Western Tianshan Mountains of Kyrgyzstan(2020)**

1、Description

Kara batkak glacier weather station in Western Tianshan Mountains of Kyrgyzstan (42 ° 9'46 ″ n, 78 ° 16'21 ″ e, 3280m).
The observational data include hourly meteorological elements (hourly rainfall (mm), instantaneous wind direction (°), instantaneous wind speed (M / s), 2-minute wind direction (°), 2-minute wind speed (M / s), 10 minute wind direction (°), 10 minute wind speed (M / s), maximum wind direction (°), maximum wind speed (M / s), maximum wind speed time, maximum wind direction (°), maximum wind speed (M / s), maximum wind speed time, maximum instantaneous wind speed within minutes) Direction (°), maximum instantaneous wind speed in minutes (M / s), air pressure (HPA), maximum air pressure (HPA), time of maximum air pressure, time of minimum air pressure (HPA), time of minimum air pressure.
Meteorological observation elements, after accumulation and statistics, are processed into climate data to provide important data for planning, design and research of agriculture, forestry, industry, transportation, military, hydrology, medical and health, environmental protection and other departments.

2、Keywords

Theme：Winds,Visibility,Pressure
Discipline：Atmosphere
Places：Kyrgyzstan, Meteogological station
Time：2020, hourly

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.51MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：78.0 | - | east：78.0 |
| - | south：42.0 | - |

5、Time frame:2019-12-01 16:00:00+00:00--2020-08-02 16:00:00+00:00

6、Reference method

References to data:

HUO Wen. Meteorological monitoring data of Kara-Batkak glacier in the Western Tianshan Mountains of Kyrgyzstan(2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2711722021

References to articles:

7、Supporting project information

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

8、Data resource provider

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