

IAS

Intensive Atmospheric Soundings during the Chinese Arctic Cruise in 2018



Principal investigator

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Areas of contribution

Observations

Summary

During the "YOPP Special Observing Periods" (July 1st to September 30th, 2018), we plan to launch intensive radiosondes (4 times per day) along the cruise route of Chinese Icebreaker XUELONG in the Arctic Ocean.

Description

To contribute to the special observing efforts of YOPP, we plan to implement intensive radio sounding activities along the cruise route of XUELONG icebreaker. The radiosondes will be launched 4 times per day in the Arctic Ocean and the data will be uploaded in near real time to YOPP data portal via GTS.

Timeline

2018-07-01 - 2018-09-30

Regional emphasis

Northern hemisphere: Yes

Southern hemisphere: No

Key project deliverables

To contribute to the special observing efforts of YOPP, we plan to implement intensive radio sounding activities along the cruise route of XUELONG icebreaker. The radiosondes will be launched 4 times per day in the Arctic Ocean and the data will be uploaded in near real time to YOPP data portal via GTS.

Data management

Institute of Polar Meteorology
Chinese Academy of Meteorological Sciences
China Meteorological Administration

Is data provided to WMO Global Telecommunication System

Yes

Real-time provision

near real-time radio sounding data to GTS.

Timelines

Location	Latitude	Longitude	Start date	End date	Activity
north of 60°N over Pacific and Arctic Ocean			2018-07-01	2018-09-30	radio sounding