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ICS 07.060
CCS A 47

QX

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

QX/T 418-2018

Coding format for aerological observing data. BUFR

高空气象观测数据格式BUFR编码

(English Translation)

Issued on: April 28, 2018 **Implemented on: August 1, 2018**

Issued by: China Meteorological Administration

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https://chinastandards.org/standards/qx-t-418-2018

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1 Foreword

QX/T 418-2018 was issued by China Meteorological Administration on 28 April 2018 and has been in force since 1 August 2018.

The QX/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 28 pages in English translation.

2 Scope Preview

This standard specifies the BUFR coding rules for comprehensive sounding of high air pressure, temperature, humidity, wind direction and wind speed and individual wind observation data for fixed land stations, ships and mobile platforms. This standard is applicable to the comprehensive sounding of high air pressure, temperature, humidity, wind direction and wind speed and the representation and exchange of individual wind observation data for fixed land stations, ships and mobile platforms.

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QX/T 418-2018 falls under ICS 07.060, in the field of natural and applied sciences.

This catalogue holds 269 other QX/T standards in that field.

In this catalogue, QX/T standards carry edition years from 2001 to 2026.

3 About this standard

Issued by: China Meteorological Administration

English translation: about 28 pages

Chinese original: about 42,470 characters

4 Related standards

Standards on related subjects:

GB/T 33679-2017 - Technical safety requirements of rocket production for rainfall enhancement and hail suppression

GB/T 33673-2017 - Grade of horizontal visibility

DZ/T 0175-2014 - Specifications for Geological Mapping of Coal (1:50000 1:25000 1:10000 1:5000)

QX/T 415-2018 - The integrated weather index for highway traffic

QX/T 414-2018 - The warning levels of high-impact weather on highway traffic

QX/T 413-2018 - Grades of air pollution diffusion meteorological conditions

5 Classification and status

International classification (ICS): 07.060

Chinese Standard Classification (CCS): A 47

Prefix QX/T: recommended standard.

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