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Cataloguing rules for meteorological satellite data

气象卫星数据编目规则

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Rules for cataloguing meteorological satellite data

1 Scope

This document specifies the cataloguing rules for meteorological satellite data.

This document applies to meteorological satellite data processing, storage, archiving and services, and meteorological data from other satellites may be used as a reference.

2 Normative references

GB/T 7408.1-2023

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Remote sensing data is obtained through various payloads carried by meteorological satellites and received and processed by ground systems.

3.2

The characteristics of meteorological satellite data are analyzed, selected, described, and recorded as items, and then the items are organized into For the directory process.

Note. An entry is a record that describes data characteristics and cataloging business information based on certain rules and methods, and is the basic element of a data directory.

4.1 Items

The items in the meteorological satellite data catalog are divided into basic items and extended items.

a) Basic items include. satellite series, satellite name, instrument name, data level, data name, data version, calendar year, and date.

Among them, calendar year describes the starting observation year of the data, and date describes the starting observation date of the data.

b) Extended items include. data format, spatial resolution, time period type, auxiliary data, area range, and projection method.

4.2 Item Naming

The naming of basic items should comply with the provisions of Table 1, and the naming of extended items should comply with the provisions of Table 2. For examples, see Appendix

A.

English letters involved in item names should be capitalized.

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