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Core metadata for polar orbiting meteorological satellites

极轨气象卫星核心元数据

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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.

This document was proposed by the China Meteorological Administration.

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Polar-orbiting meteorological satellite core metadata

1 Scope

This document specifies the description, composition and extension requirements of core metadata for polar-orbiting meteorological satellites.

This document applies to the information management, sharing, query and field application of polar-orbiting meteorological satellite data and its production and service resources.

2 Normative references

GB/T 19710.1-2023

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 [Source. GB/T 39094-2020, 2.6]

A weather satellite that orbits the poles.

3.2 metadata

Information about the resource.

Note. A resource is an identifiable asset or means of satisfying a requirement, such as a dataset, set of datasets, service, document, activity, software, human resources or an institution.

[Source. GB/T 19710.1-2023, 3.10]

3.3 coremetadata

The minimum set of metadata (3.2) that describes the most basic information about the data.

[Source. GB/T 30523-2023, 3.3]

3.4 metadataelement

A self-contained unit of metadata (3.2).

NOTE 1 A metadata element is unique within a metadata entity.

Note 2 to entry. Synonymous with attribute and/or association in UML terminology.

NOTE 3 The attributes and relationships of a class are called metadata elements.

[Source. GB/T 19710.1-2023, 3.11, modified]

3.5 metadataentity

A set of metadata elements (3.4) that describe the same characteristics of data.

Note 1 to entry. Can contain one or more metadata entities.