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**NATIONAL STANDARD OF THE
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Archiving metadata for meteorological observation data

气象观测资料汇交元数据

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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Meteorological observation data aggregation metadata

1 Scope

This document specifies the description, content and structure of meteorological observation data aggregation metadata, as well as related requirements for expansion:

This document is suitable for the exchange of meteorological observation data from various sources such as the meteorological industry, social meteorological observation organizations, and scientific and technological projects:

2 Normative reference documents

GB/T 33674-2017

3 Terms and definitions

The terms and definitions defined in GB/T 33674-2017 and the following apply to this document: 3:1 Collected or processed through all possible observation, detection, and telemetry methods, from the Earth's atmosphere and other adjacent layers, describing Information elements describing the physical and chemical states related to the atmosphere and its changes: 3:2 In accordance with the prescribed procedures, requirements and standards, meteorological observation data will be collected through the stages of submission preparation, submission, review, registration and release:

The process of submission to the meteorological service or designated agency:

[Source: GB/T 32845-2016, 3:3, with modifications] 3:3 metadata Data about data:

Note: That is, data identification, time attributes, spatial attributes, data quality, data distribution, data permissions and other information: [Source: QX/T 544-2020,3:2] 3:4 metadatasection A subcollection of metadata consisting of related metadata entities and elements: [Source: GB/T 19710-2005,4:8] 3:5 metadataentity metadataentity A set of metadata elements that describe the same characteristics of the data:

Note: Can contain one or more metadata elements: [Source: GB/T 19710-2005,4:7]