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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 1821-2009

Cartographic symbols for forestry maps

林业地图图式

(English Translation)

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Foreword

Appendix A of this standard is an informative annex.

This standard is proposed and managed by the State Forestry Administration.

Introduction

The common features and geomorphological symbols of this standard are selected from GB/T 20257.2-2006 "National Basic Scale Map Drawing Part 2.

1.50001.10000 Topographic Map", GB/T 20257.3-2006 "National Basic Scale Map Drawing Part 3.

1.250001.500001.100000 Topographic map", GB/T 20257.4-2006 "National basic scale map map 4th

Part. 1.2500001.5000001.1000000 Topographic Map".

The symbology of the various scales is consistent with the corresponding national basic scale map schema, and the symbol color is simplified. Ordinary the use of objects and geomorphological symbols follows the rules of the national basic scale map.

Forestry map schema

1 Scope

This standard specifies the grades, specifications and colors of various features, and notes used in the mapping of forestry maps, and this method of use.

This standard applies to the mapping of topographic maps in forestry work, forestry surveys, planning and design, and the compilation of geographic base maps.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study it is possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB/T 13989 national basic scale topographic map framing and numbering

3.1 Classification of symbols

3.1.1

Scale symbol. The scale symbol of the feature can be scaled according to the scale symbol.

3.1.2

Semi-scale symbol. After the scale is reduced by the scale, the length can be scaled and the width cannot be expressed by the scale.

number. Mark the width dimension value next to the symbol.

3.1.3

Not according to the scale symbol. After the scale is reduced by the scale, its length and width cannot be expressed by scale. Marker symbol next to the symbol Inch value.

3.2 Symbol size

3.2.1

The size values marked with numbers next to the symbols are in millimeters (mm).

3.2.2

Only one dimension value is placed next to the symbol, indicating the diameter of the circle or circumcircle, the length of the equilateral triangle or the square; the two size values are for the column, the first number indicates the height of the main part of the symbol, the second number indicates the width of the main part of the symbol; the number of one end of the line symbol Word, single line refers to its thickness, and two parallel lines refer to the width of the line (the street refers to the width of the blank part). Special symbol on the symbol the size value of the note is indicated by a dotted line.

3.2.3

The thickness of the symbol line, the length of the line segment and the angle of the intersecting line segment, etc., are not marked with the symbol of this figure. Line drawing the thickness is 0.1mm, the diameter of the point is 0.15mm, and the line length of the non-main part of the symbol is 0.3mm (such as steep short line), non-vertical cross line the

angle of the segment is 45° or 60° .

3.3 Positioning points and positioning lines of positioning symbols

3.3.1

There is a point in the symbol graph, which is the physical center position of the feature.

3.3.2

Symbols such as circles, squares, and rectangles, and the positioning point is at the center of its geometry.

3.3.3

The wide-bottom symbol (yurt, chimney, water tower, etc.) is located at the center of its bottom line.

3.3.4

The symbol with the right angle at the bottom (windmill, road sign, etc.) is located at the apex of its right angle.

3.3.5

The symbols (satches, churches, weather stations, etc.) of several graphics are located at the center or intersection of the graphic below it.

3.3.6

The symbol below the bottom line (kiln, pavilion, cave, etc.) is located at the center of the line at the lower end of the line.