

ICS 07.060

CCS N93



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

GB/T 21978.3-2008

**Instrument for precipitation observation - Part 3: Siphon rainfall
recorder**

降水量观测仪器 第3部分：虹吸式雨量计

Issued on: June 17, 2008

Implemented on: October 1, 2008

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Product structure and composition

Foreword

GB/T 21978 "Precipitation observation instruments" is divided into seven parts.

- Part 1. gauges;
- Part 2. tipping bucket rain gauge;
- Part 3. Siphon rain gauge;
- Part 4. float rain gauge;
- Part 5. telemetry rain gauge;
- Part 6. Snowmelt snow meter;
- Part 7. Optical snow meter. This section GB/T 21978 Part 3. This section proposed by the People's Republic of China Ministry of Water Resources. This part of the National Technical Committee of Standardization Technical Committee hydrological hydrological instruments (TC199/SC1) centralized. This part mainly drafted by: MWR hydrological instruments and geotechnical engineering Instrument Quality Supervision and Testing Center, Nanjing Auto Hydrological The Institute. The main drafters of this section. Zhou Xiaoqing, Feng Na Min, Xu Lu, Lu Weijia. Precipitation observation instrument Part 3. Siphon rain gauge

1 Scope

GB/T 21978.3-2008 is the Chinese national standard on instrument for precipitation observation - part 3: siphon rainfall recorder, in the field of natural and applied sciences. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 17 June 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 October 2008. Classification: ICS 07.060, CCS N93. This page is published from the official

record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 21978 specifies the siphon rain gauge (hereinafter referred to as gauges) product structures, technical requirements, test side Method, inspection rules and signs, instructions, packaging, transportation, storage and so on. This section applies to continuous recording rainfall, rainfall intensity and rainfall time siphon rain gauge.

2 Normative references

The following documents contain provisions which, through reference

GB/T 21978 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 9359 Basic environmental testing instruments hydrological conditions and methods

GB/T 13264 percent nonconforming small lot sampling inspection procedures and sample forms

GB/T 18185-2000 hydrological instruments reliability technical requirements

GB/T 18522.2 hydrologic instruments - Part 2. Reference Operating Conditions

GB/T 18522.6 hydrologic instruments - Part 6. inspection rules and signs, packaging, transportation, storage and operation manual

GB/T 19677 Terms and symbols for hydrological Instruments (GB/T 19677-2005, ISO 772. 1988, NEQ)

3 Terms and Definitions

GB/T 19677 and established the following terms and definitions apply GB/T 21978 in this section.

3.1 Has entered the mouth of the rain rains trapped part has not been measured. Wetting loss generally occurs when the rains start.

4 Product structure and composition

Cheng rain gauge by the mouth, float chamber, self-recording clock, siphons, etc., shown in Figure 1.