



BSI Standards Publication

Acquisition and management of meteorological precipitation data from a raingauge network

Part 2: Code of practice for operating raingauges and managing precipitation data

Publishing and copyright information

The BSI copyright notice displayed in this document indicates when the document was last issued.

© BSI 2011

ISBN 978 0 580 71310 1

ICS 07.060

The following BSI references relate to the work on this standard:

Committee reference CPI/113

Draft for comment 11/30219643 DC

Publication history

BS 7843-2.1 first published September 1996

BS 7843-2.2 first published July 1996

BS 7843-2.3 first published September 1996

BS 7843-2 first published December 2011

Amendments issued since publication

Date	Text affected
-------------	----------------------

Contents

Foreword *ii*

Introduction 1

1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Siting and installation	3
5	Maintenance	8
6	Inspection	10
7	Precipitation metadata	11
8	Observing practice	13
9	Data formats and exchange	16
10	Operational performance monitoring	19
11	Fault management and corrective action	19
12	Quality control	20
13	Archiving	24
14	Management review	25

Annexes

Annex A (normative) Rainfall postcard 27

Annex B (informative) Common problems 28

Bibliography 30

List of figures

Figure 1 – Diagram for assessing the exposure of a raingauge 5

Figure 2 – Turf wall construction 6

Figure A.1 – Example of rainfall postcard 28

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 30, an inside back cover and a back cover.