
Rain Gauge Chart

A Text Book of Hydrology
Measurement of Precipitation
Weather Series for the Amateur
Soil and Water Conservation Structures Design
Instructions to Special River and Rainfall Observers
Propagation Effects Handbook for Satellite Systems Design
Ground Water
Measurements of the Chemical Composition of Western Washington Rainwater, 1982-1983
Surface Meteorological Instruments and Measurement Practices
Rainfall Intensity-frequency Data
NADP/NTN Site Visitation Program, Work Plan
Surface Observations
Radar-computed Rainfall Compared with Observations from a Dense Network of Rain Gauges
Gardening with Young Children
Practical Agricultural Meteorology
Verification of Rainfall Estimates
Hydrology in Practice
Water Pollution Control Research Series 11024 DMS 05/70
Elementary Engineering Hydrology:
Handbook of Meteorological Instruments: Measurement of precipitation and evaporation
Instructions for Use of the Rain-gauge
Precipitation in the 1960 Flagstaff Mesometeorological Network
Weather Station Handbook--
Land Drainage: Principles, Methods and Applications
Quality Assurance Handbook for Air Pollution Measurement Systems
Summary Report for the National Atmospheric Deposition Program/National Trends Network (NADP/NTN) Site Visitation Program
Measurement of Precipitation
Rainfall and Snow of the United States, Compiled to the End of 1891, with Annual, Seasonal, Monthly, and Other Charts
NASA Reference Publication
Instructions to Special River and Rainfall Observers of the Weather Bureau
Measurement of Precipitation
EPA-600/4
Practical Civil Engineering
Operation of Rain Gauge and Groundwater Monitoring Networks for the Imperial Valley Water Authority
Operation of Rain Gauge and Groundwater Monitoring Networks for the Imperial Valley Water Authority
Precipitation

Soil Erosion, Conservation, and Rehabilitation

Climate Data and Resources

Bulletin D: Rainfall of the United States, with Annual, Seasonal, and Other Charts

Operation of Rain Gauge and Groundwater Monitoring Networks for the Imperial Valley Water Authority, Year Eleven

Rain Gauge Chart

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HAYDEN YOSELIN

A Text Book of Hydrology Redleaf Press
Using Wilson's Rainfall Rate - Echo Intensity (RR-EI) chart, based on the average relationship, radar data collected for 36 hours, using the US Weather Bureau's WSR-57 at Atlantic City, New Jersey, are compared with rainfall data from three tipping-bucket rain gauges. These tipping-bucket gauges are located within 60 nm of the radar and cover a 4.8 square-mile area. Comparisons between the radar and tipping-bucket gauges are shown. Radar measurements were within 2% of the total rain gauge average. The correlation coefficient was .91. Use of the US Weather Bureau's RR-EI chart would have underestimated the average areal precipitation. Hourly rainfall amounts of 0.01 inches were detected in 80% of the cases. Hourly amounts of 0.02 inches or more were detected in 100% of the cases. (Author).

Measurement of Precipitation

Heinemann-Raintree Library

"Sir: I have the honor to transmit herewith a paper on the 'Rainfall and Snow of the United States, Compiled to the End of 1891, with Annual, Seasonal, Monthly, and other Charts,' and to recommend its publication as Weather Bureau Bulletin C. The charts referred to have already been published in atlas form under the same title"--Letter of transmittal.

Weather Series for the Amateur CRC

Press

The present book provides materials on all aspect of practical Agrometeorology of data acquisition techniques, instruments and method of observations with precautions and solved examples. Written in a simple and lucid manner the book contains very useful and detailed information on practical aspects of agromet observatory and covers all major practical aspects of agromet observatory. Highlights of the book are:

- o Is prepared with a series of pictures that illustrate the principles of meteorological parameters which are fundamental to the understanding of the subject by students and other readeo 26 fully illustrated s on installation of agro-meteorological observatory, measurement of rainfall and snowfall, air and soil temperature, humidity, wind, solar radiation, cloudiness, evaporation, evapotranspiration, sunshine duration, dew, pressure, photosynthetically active radiation PAR, soil moisture content, leaf area index, transpiration, crop canopy temperature and computation of heat indices with solved examples. o s on agrometeorological data analysis, measurement of upper air observations, agro-meteorological data management and study of automatic-weather station.

Soil and Water Conservation Structures Design New Age International

Climate may be defined as the synthesis of long-term atmospheric conditions characteristic of a particular place. Consequently, the study of climate relies on sustained records of daily values. However, both location and equipment

are variables and precise measurements may not be possible. There are occasions when an estimate rather than a measurement is necessary, as when gauging the unrecorded past or future. The value of applied climatology - the study of the impact of climate - lies in the analysis of measurements and estimates within the context of change. Climate Data and Resources provides a review of the theory and practice underlying current climatic research. The author describes the nature of atmospheric resources - solar radiation, wind and precipitation - and describes the specification, obtaining and treatment of climate data. Fully referenced and illustrated, Climate Data and Resources should prove a valuable resource to all those interested in the collection and analysis of climatic data. *Instructions to Special River and Rainfall Observers* Atlantic Publishers & Dist

What is precipitation? Where does rain come from? How is snow measured? Find out in 'Precipitation', a fascinating introduction to our wet and wild weather!

Propagation Effects Handbook for Satellite Systems Design Springer Nature

During the summer of 1960, a mesometeorological network was established in a 30 x 40 mile area around San Francisco MOUNTAIN NEAR Flagstaff, Arizona. Precipitation measurements were made using 165 small, transparent plastic cups and 165 aluminum-foil hail indicators. Instrument spacing of from one to four miles over most of the network proved satisfactory. Both the rain gauge and hail indicator provided reliable measurements. The small-cup rain gauges were somewhat more effective in recording rain from a trace through 0.5 or 0.6 inches than standard gauges. Analysis showed that

the isohyets of maximum rainfall were elongated in the general direction of the 700 to 500-mb winds. Practically all of the heavy rain storms were accompanied by hail. At least two of the hail areas were observed to be of an elliptical configuration, and at least two were responsible for locally heavy fogs. Coincidence of the axes of maximum daily precipitation and the axes of maximum total precipitation lead one to suspect the existence of preferred storm tracks. (Author).

Ground Water Vikas Publishing House

Elementary Engineering Hydrology is written for civil engineering students. It provides a comprehensive coverage of all the essential aspects of hydrology. Simple and comprehensible for beginners in the course, this book also contains a host of additional information, by way of appendices, including India's National Water Policy, water resources of India and also a guide to using survey maps. These features of the book will make it an invaluable reference book for practicing engineers as well.

Measurements of the Chemical Composition of Western Washington Rainwater, 1982-1983 Routledge

Land Drainage - Principles, Methods and Applications presents the latest information, concepts and technology for ensuring sustainable agricultural production and environmental management by adopting land drainage measures. It focuses on a subject, central to the sustainability of irrigated agriculture. The authors' considerable field work experience and strong grip on the subject are pivotal in conceptualizing this book. This book provides an explicit description of the subject for students as well as the practicing engineers in this area. A logical sequence is followed in the presentation of chapters, beginning

with the occurrence of drainage problems, their causes, remedies, design and execution of drainage systems and the benefits of drainage. The book can claim to be the only comprehensive title on the subject in India. SALIENT

FEATURES 1. Follows an application-centric approach based on mathematical and statistical concepts 2. Provides a global scenario of drainage by studying different drainage models 3. Discusses drainage in the Indian context 4. Text is supported by statistical inputs and well illustrated examples 5. Includes self-assessment questions with answers and a number of solved and unsolved problems 6. Includes case studies of Drainage and Salt Management

Surface Meteorological Instruments and Measurement Practices CRC Press

This introduction to hydrology is essentially practical, emphasising the application of hydrological knowledge to the solution of engineering problems.

Rainfall Intensity-frequency Data New India Publishing Agency

The book provides primary information about civil engineering to both a civil and non-civil engineering audience in areas such as construction management, estate management, and building. Basic civil engineering topics like surveying, building materials, construction technology and management, concrete technology, steel structures, soil mechanics and foundations, water resources, transportation and environment engineering are explained in detail. Codal provisions of US, UK and India are included to cater to a global audience. Insights into techniques like modern surveying equipment and technologies, sustainable construction materials, and modern construction materials are also included. Key

features: • Provides a concise presentation of theory and practice for all technical in civil engineering. • Contains detailed theory with lucid illustrations. • Focuses on the management aspects of a civil engineer's job. • Addresses contemporary issues such as permitting, globalization, sustainability, and emerging technologies. • Includes codal provisions of US, UK and India. The book is aimed at professionals and senior undergraduate students in civil engineering, non-specialist civil engineering audience

NADP/NTN Site Visitation Program, Work Plan Firewall Media with binder holes. index

Surface Observations CRC Press

Discusses the latest information regarding the processes and mechanisms responsible for runoff and erosion by water in arable lands-- detailing state-of-the-art water and soil conservation methods. Elucidates the rehabilitation of agricultural lands depleted by human activity.

Radar-computed Rainfall Compared with Observations from a Dense Network of Rain Gauges Pearson Education India

The book is designed to serve as a textbook for graduate and undergraduate courses on soil and water conservation engineering for students of agricultural engineering, civil engineering, environmental engineering and related disciplines. The book presents the basics of soil and water erosion, and describes the measures to control erosion, focusing on structures to prevent and control erosion. The chapters dedicated to erosion control structures provide a detailed view of each structural construction, covering the function, design and elements of

each type of structure. Some common type of structures covered in the book are terrace, bunds, vegetated waterways, and gully control structures, including spillways. The book also covers wind erosion and control structures to prevent wind erosion. Each chapter includes pedagogical elements such as examples, practice questions, and multiple-choice-type questions to improve understanding and aid in self-study. Besides serving as a textbook university coursework, the book can also serve as a supplementary or primary text for professional development courses for practicing engineers engaged in soil and water conservation or watershed management. The book will also serve as a reference for professionals, environmental consultants, and policy makers engaged in soil and water conservation related fields.

Gardening with Young Children

This updated how-to resource guides teachers—with or without green thumbs—through the rich learning opportunities found in gardening with children.

Practical Agricultural Meteorology

The Book Introduces To The Reader All Aspects Of Ground Water I.E., Its Assessment, Development, Utilisation And Management. Practical Application Of Different Formulae For Field Conditions, Data Collection And Processing, Test Procedures And Principles Of Design Are Worked Out To Illustrate The Theory And Design Procedure. The Revised Edition Includes Case Studies Of Pump Test Data In The Country. Methods Of Irrigation And Complete Design And Layout Of Sprinkler And Drip Irrigation Projects Are Given. Model University Question Papers (With Answers To Problems) Are Given Which Explore A Comprehensive Knowledge Of Ground Water Resource Evaluation. The Book Will Prove Eminently Suitable For Students, Research Scholars And Professionals Associated With Ground Water Development And Management.

Verification of Rainfall Estimates
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Elementary Engineering Hydrology:
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