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## European Solar Radiation Atlas

By Palz, Wolfgang / Greif, J.

Book Condition: New. Publisher/Verlag: Springer, Berlin | Solar Radiation on Horizontal and Inclined Surfaces | This atlas is a revised and updated version of the European Solar Radiation Atlas published in 1984. The revised version contains tables and maps displaying monthly means of global, diffuse and beam solar radiation as well as sunhours for a large number of representative sites in Europe. Tables show radiation on both horizontal and inclined surfaces. The revisions reflect the political developments in the European Union and within neighbouring countries. The presentation of the tables has been improved and additional information is included. An enlarged text section provides an introduction to the systematics of solar radiation measurement and calculation. The solar data presented in this book is a useful source of information for the estimation of the energy harvest potential for solar systems. The data base is provided on two 3 1/2" disks for more ease in computer assisted design work. | General Overview.- 1. Introduction.- 2. Global radiation on horizontal surfaces.- 2.1 General comments.- 3. Sources of raw data.- 4. Quality control and data processing.- 5. Estimation procedures for sites with only heliographic data.- 6. Areas with missing data.- 7. Gmax and Gmin values...



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