

5. Meinel A, Meinel M, *Applied Solar Energy, An Introduction*, Addison-Wesley, Reading, MA (1976).
6. Iqbal M, *An Introduction to Solar Radiation*, Academic Press, Ontario (1983).
7. International H-World Database, *Mean Values of Solar Irradiation on Horizontal Surface*, Ed Progensa, Sevilla, Spain (1993).
8. SOLMET, *Solar Radiation-Surface Meteorological Observations*, National Climatic Data Center, TD-9724, Asheville, NC (1979).
9. Palz W, Greif J, *European Solar Radiation Atlas*, Commission of the European Communities, Ed Springer, Germany (1996.)
10. Font Tullot I, *Atlas de la Radiación Solar en España*, Ed Instituto Nacional de Meteorología, Madrid, Spain (1984).
11. Capderou M, *Atlas Solaire de l'Algérie*, Ed EPAU, Alger (1985).
12. Colle S, Pereira E, *Atlas de Irradiação Solar do Brasil*, INM, Labsolar EMC-UFSC (1998).
13. *Atlas de radiació solar a Catalunya*, Institut Català d'Energia, Barcelona, Spain (1996).
14. NASA Surface Meteorology and Solar Energy Data Set. Available at eosweb.larc.nasa.gov/sse.
15. National Solar Radiation Data Base. Available at rredc.nrel.gov/solar.
16. Macagnan M, Lorenzo E, Jimenez C, *Int. J. Sol. Energy* **16**, 1–14 (1994).
17. Papoulis A, *Probability, Random Variables and Stochastic Processes*, McGraw-Hill, New York (1965).
18. Marion W, Urban K, *User's Manual for TMY2s*, Report to DOE DE-AC36-83CH10093, NREL (1995).
19. Liu B, Jordan R, *Sol. Energy* **4**, 1–19 (1960).
20. Page J, *Proc. U.N. Conf. New Sources Energy*, 378–390 (1961).
21. Collares-Pereira M, Rabl A, *Sol. Energy* **22**, 155–164 (1979).
22. Miguel A *et al.*, *Sol. Energy* **70**, 143–153 (2001).
23. Egido M, Lorenzo E, *Sol. Energy Mater. Sol. Cells* **26**, 51–69 (1992).
24. Willier A, *Arch. Meteorol. Geophys. Bioklimatol.* **7**, 197–204 (1956).
25. Hopkinson R, *J. Opt. Soc. Am.* **44**, 455–459 (1954).
26. McArthur L, Hay J, *J. Appl. Meteorol.* **20**, 421–429 (1981).
27. Kondratyev K, *Radiation in the Atmosphere*, Academic Press, New York, NY (1969).
28. Hay J, McKay D, *Int. J. Sol. Energy* **3**, 203–240 (1985).
29. Perez R *et al.*, *Sol. Energy* **36**, 481–497 (1986).
30. Perez R *et al.*, *Sol. Energy* **39**, 221–231 (1987).
31. Siala F, Rosen M, Hooper F, *J. Sol. Energy Eng.* **112**, 102–109 (1990).
32. Standard ASHRAE 93-77, *Methods of Testing to Determine the Thermal Performance of Solar Collectors*, American Society of Heating, Refrigeration, and Air Conditioning Engineers, New York (1977).
33. Martin N, Ruiz J, *Sol. Energy Mater. Sol. Cells* **70**, 25–38 (2001).
34. Bottenberg W, “Module Performance Ratings: Tutorial on History and Industry Needs”, *PV Performance, Reliability and Standards Workshop*, 5–42, NREL, Vail, CO (1999).
35. Amato U *et al.*, *Sol. Energy* **37**, 179–194 (1986).
36. Graham V *et al.*, *Sol. Energy* **40**, 83–92 (1988).
37. Aguiar R, Collares-Pereira M, Conde J, *Sol. Energy* **40**, 269–279 (1988).
38. Benseman R, Cook F, *N Z J. Sci.* **12**, 296–708 (1960).
39. Lorenzo E, Maquedano C, *Proc. 13th Euro. Conf. Photovoltaic Solar Energy Conversion*, 2433–2436 (1995).
40. Quaschning V, Hanitsch R, *Proc. 13th Euro. Conf. Photovoltaic Solar Energy Conversion*, 683–686 (1995).
41. Skiba M *et al.*, *Proc. 16th Euro. Conf. Photovoltaic Solar Energy Conversion*, 2402–2405 (2000).
42. Castro M *et al.*, *Era Sol.* **87**, 5–17 (1998).