

A five year solar radiation database derived from satellite cloud cover and auxiliary data has been created for the Pacific Northwest. The database provides hourly global, beam, and diffuse irradiance values from 1998 through 2002 from west longitude -100.05° to -125.05° and north latitude 42.05° to 49.05° on a 0.1° grid. This final report describes how the database was created, the characteristics of the database, the software tool developed to facilitate the use of the database, and dissemination of the database.