

Corrigendum to

“Assessment of BSRN radiation records for the computation of monthly means” published in Atmos. Meas. Tech., 4, 339–354, 2011

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There are three minor corrections concerning Table 1:

- The caption should read “SWDIR: Direct radiation” instead of “SWDIR: Direct diffuse radiation”.
- Upper bound for SWDIFF should read “ 50 W m^{-2} ” instead of “ 100 W m^{-2} ”.
- Upper bound of SWDIR: the exponent 1.2 should be deleted.

The correct Table 1 is shown on the right side:

Table 1. This table shows the lower and up limits for the “Physically possible” intervals used in flagging the radiation quantities. Values were flagged if outside the indicated interval. S_0 is the solar constant adjusted for Earth-Sun distance. μ is the cosine of the solar zenith angle. Parameters: GLOB: Global radiation, SWDIFF: Diffuse shortwave radiation, SWDIR: Direct radiation, SWUP: Reflected shortwave radiation, LWDOWN: Downwelling longwave radiation, LWUP: Upwelling longwave radiation.

Parameter	Lower bound	Upper bound
GLOB	-4 W m^{-2}	$1.5 S_0 \mu^{1.2} + 100 \text{ W m}^{-2}$
SWDIFF	-4 W m^{-2}	$0.95 S_0 \mu^{1.2} + 50 \text{ W m}^{-2}$
SWDIR	-4 W m^{-2}	$S_0 \mu$
SWUP	-4 W m^{-2}	$1.2 S_0 \mu^{1.2} + 50 \text{ W m}^{-2}$
LWDOWN	40 W m^{-2}	700 W m^{-2}
LWUP	40 W m^{-2}	900 W m^{-2}



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