

SOLAR RADIATION IN GHANA

Annual Monthly Averages of Solar Radiation (kWh/m²-day) at 19 Synoptic Stations (1993-2002)

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AV.
KUMASI	4.8	5.3	5.3	5.4	4.7	4.0	4.0	3.8	4.0	4.7	5.0	4.6	4.6
ACCRA	4.7	5.2	5.3	5.7	5.4	4.6	4.2	4.5	5.1	5.6	5.5	4.9	5.1
AXIM	4.9	5.4	5.6	5.6	5.1	3.9	4.2	4.2	4.4	5.2	5.5	5.0	4.9
NAVRONGO	5.4	5.4	5.8	6.0	5.9	5.7	5.3	5.1	5.3	5.7	5.6	4.8	5.5
SALTPOND	4.9	5.6	5.5	5.7	5.4	4.4	4.7	4.5	5.0	5.7	5.7	5.2	5.2
ADA	5.0	5.4	5.6	5.9	5.6	5.0	5.1	5.1	5.5	5.9	5.5	5.4	5.4
KOFORIDUA	4.7	5.1	5.3	5.4	5.3	4.6	4.1	3.8	4.4	5.2	5.2	4.9	4.8
WENCHI	5.2	5.5	5.5	5.7	5.5	5.0	4.4	4.1	4.4	4.9	5.1	4.9	5.0
TAMALE	5.1	5.5	5.6	5.9	5.9	5.5	5.0	4.8	5.0	5.5	5.7	5.2	5.4
BEKWAI	4.7	5.1	5.3	5.5	5.3	4.6	4.1	3.8	4.1	5.0	5.0	4.4	4.7
HO	4.9	5.2	5.5	5.7	5.6	4.9	4.6	4.2	4.7	5.5	5.6	5.1	5.1
WA	5.5	5.8	5.8	5.9	5.9	5.6	5.1	4.9	5.1	5.6	5.6	5.4	5.5
AKIM ODA	4.5	4.8	4.9	5.2	4.9	4.3	4.0	3.8	4.2	4.8	4.9	4.5	4.6
KRACHI	5.1	5.4	5.7	6.0	5.9	5.2	4.7	4.5	4.8	5.3	5.7	5.1	5.3
YENDI	5.2	5.5	5.6	5.9	5.9	5.4	5.0	4.6	5.0	5.6	5.7	5.2	5.4
TAKORADI	4.8	5.4	5.5	5.7	5.2	4.4	4.4	4.2	4.6	5.5	5.6	5.0	5.0
BOLE	5.4	5.8	5.8	5.8	5.7	5.1	4.6	4.5	4.8	5.5	5.5	5.3	5.3
ABETIFI	5.0	5.5	5.6	5.6	5.4	4.8	4.8	4.6	4.7	5.2	5.6	5.1	5.2
AKUSE	4.6	5.1	5.2	5.0	5.3	4.6	4.3	4.1	4.7	5.3	4.8	4.8	4.8
Average	5.0	5.4	5.5	5.6	5.5	4.8	4.6	4.4	4.7	5.4	5.4	5.0	5.1

