

LEXINGTON, KY

Latitude(N): 38.03

Longitude(W): 84.60

SOLAR RADIATION FOR FLAT-PLATE COLLECTORS FACING SOUTH AT A FIXED-TILT (kWh/m2/day), Percentage Uncertainty = 9

Tilt (deg)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	2.0	2.8	3.7	4.9	5.7	6.2	6.0	5.5	4.4	3.4	2.2	1.7	4.1
	"Minimum"	1.7	2.5	3.2	4.0	4.7	5.6	4.9	5.0	4.0	2.8	1.8	1.5	3.8
	"Maximum"	2.3	3.2	4.4	5.9	6.4	7.5	6.4	6.1	5.1	4.2	2.6	2.1	4.4
Lat - 15	"Average"	2.8	3.5	4.3	5.2	5.7	6.0	5.9	5.7	5.0	4.3	2.9	2.4	4.5
	"Minimum"	2.1	2.9	3.5	4.1	4.7	5.5	4.8	5.2	4.4	3.3	2.1	2.0	4.2
	"Maximum"	3.5	4.3	5.2	6.4	6.5	7.4	6.4	6.4	5.8	5.6	3.8	3.1	4.9
Lat	"Average"	3.1	3.8	4.4	5.1	5.4	5.6	5.5	5.5	5.1	4.6	3.2	2.7	4.5
	"Minimum"	2.3	3.0	3.6	4.0	4.4	5.1	4.5	5.0	4.4	3.5	2.2	2.1	4.2
	"Maximum"	4.0	4.7	5.3	6.3	6.1	6.7	5.9	6.2	6.0	6.0	4.3	3.6	4.9
Lat + 15	"Average"	3.3	3.8	4.3	4.7	4.8	4.8	4.8	5.0	4.8	4.6	3.4	2.9	4.3
	"Minimum"	2.3	3.0	3.4	3.7	3.9	4.4	4.0	4.6	4.2	3.4	2.2	2.2	4.0
	"Maximum"	4.3	4.9	5.2	5.9	5.4	5.8	5.2	5.6	5.8	6.1	4.5	3.9	4.7
90	"Average"	2.9	3.2	3.1	2.9	2.5	2.4	2.4	2.9	3.3	3.7	2.9	2.6	2.9
	"Minimum"	2.0	2.5	2.5	2.3	2.2	2.3	2.1	2.6	2.8	2.6	1.8	1.9	2.7
	"Maximum"	4.1	4.3	3.8	3.6	2.8	2.6	2.6	3.2	3.9	4.9	4.0	3.7	3.2

SOLAR RADIATION FOR 1-AXIS TRACKING FLAT-PLATE COLLECTORS WITH A NORTH-SOUTH AXIS (kWh/m2/day),

Percentage Uncertainty = 9

Axis Tilt		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	2.7	3.7	4.8	6.3	7.3	7.8	7.6	7.1	5.9	4.7	2.9	2.3	5.3
	"Minimum"	2.1	2.9	3.8	4.6	5.6	6.8	5.9	6.4	5.1	3.4	2.0	1.9	4.9
	"Maximum"	3.5	4.7	6.1	8.2	8.7	10.2	8.4	8.3	7.2	6.4	3.9	3.0	6.0
Lat - 15	"Average"	3.3	4.2	5.3	6.6	7.3	7.8	7.6	7.4	6.4	5.4	3.5	2.8	5.6
	"Minimum"	2.4	3.2	4.1	4.8	5.6	6.8	5.8	6.6	5.4	3.8	2.3	2.2	5.2
	"Maximum"	4.4	5.4	6.7	8.6	8.8	10.1	8.5	8.6	7.8	7.3	4.7	3.8	6.4
Lat	"Average"	3.5	4.4	5.4	6.5	7.1	7.5	7.3	7.2	6.4	5.6	3.7	3.1	5.7
	"Minimum"	2.5	3.3	4.1	4.7	5.4	6.5	5.6	6.4	5.4	4.0	2.4	2.4	5.2
	"Maximum"	4.8	5.8	6.8	8.6	8.5	9.7	8.1	8.5	7.9	7.7	5.1	4.2	6.4
Lat + 15	"Average"	3.7	4.5	5.3	6.2	6.7	7.0	6.9	6.9	6.2	5.6	3.8	3.2	5.5
	"Minimum"	2.6	3.3	4.0	4.5	5.0	6.0	5.2	6.1	5.2	3.9	2.4	2.4	5.1
	"Maximum"	5.1	5.9	6.7	8.3	8.0	9.1	7.6	8.1	7.8	7.8	5.3	4.4	6.3

SOLAR RADIATION FOR 2-AXIS TRACKING FLAT-PLATE COLLECTORS (kWh/m2/day), Percentage Uncertainty = 9

Tracker		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2-Axis	"Average"	3.7	4.5	5.4	6.6	7.4	8.0	7.7	7.4	6.4	5.7	3.9	3.2	5.8
	"Minimum"	2.6	3.4	4.1	4.8	5.7	6.9	5.9	6.6	5.4	4.0	2.4	2.5	5.4
	"Maximum"	5.1	5.9	6.8	8.7	8.9	10.4	8.6	8.7	7.9	7.8	5.3	4.5	6.6

COVINGTON, KY

Latitude(N) : 39.07

Longitude(W) : 84.67

SOLAR RADIATION FOR FLAT-PLATE COLLECTORS FACING SOUTH AT A FIXED-TILT (kWh/m2/day), Percentage Uncertainty = 9"

Tilt (deg)	"	"	"Jan"	"Feb"	"Mar"	"Apr"	"May"	"Jun"	"Jul"	"Aug"	"Sep"	"Oct"	"Nov"	"Dec"	"Year"
0	"	"Average"	1.9	2.7	3.6	4.8	5.7	6.2	6.0	5.5	4.5	3.3	2.1	1.6	4.0
	"	"Minimum"	1.6	2.3	3.1	3.8	4.8	5.6	5.3	4.9	4.0	2.8	1.7	1.4	3.8
	"	"Maximum"	2.3	3.3	4.1	5.8	6.6	7.6	6.6	6.0	5.2	4.0	2.5	1.9	4.4
Lat - 15	"	"Average"	2.7	3.5	4.2	5.1	5.7	6.1	5.9	5.8	5.1	4.2	2.8	2.3	4.5
	"	"Minimum"	2.1	2.8	3.5	3.9	4.7	5.5	5.2	5.1	4.4	3.3	2.0	1.8	4.2
	"	"Maximum"	3.3	4.4	4.8	6.4	6.7	7.4	6.6	6.4	6.1	5.3	3.8	3.0	4.9
Lat	"	"Average"	3.0	3.7	4.3	5.0	5.4	5.6	5.5	5.6	5.2	4.5	3.1	2.5	4.5
	"	"Minimum"	2.3	2.9	3.5	3.8	4.4	5.1	4.8	4.8	4.4	3.5	2.1	1.9	4.2
	"	"Maximum"	3.8	4.9	5.0	6.3	6.3	6.8	6.1	6.2	6.2	5.7	4.2	3.4	4.9
Lat + 15	"	"Average"	3.2	3.8	4.2	4.6	4.8	4.9	4.8	5.1	4.9	4.5	3.2	2.7	4.2
	"	"Minimum"	2.4	2.9	3.4	3.5	3.9	4.4	4.3	4.4	4.2	3.5	2.1	2.0	3.9
	"	"Maximum"	4.1	5.2	4.9	5.8	5.6	5.8	5.3	5.6	6.0	5.8	4.5	3.7	4.7
90	"	"Average"	2.9	3.3	3.1	2.9	2.6	2.4	2.5	3.0	3.4	3.6	2.7	2.4	2.9
	"	"Minimum"	2.0	2.5	2.5	2.2	2.2	2.3	2.3	2.6	2.8	2.7	1.7	1.7	2.7
	"	"Maximum"	3.9	4.8	3.6	3.6	2.9	2.7	2.7	3.3	4.1	4.6	4.0	3.4	3.2

SOLAR RADIATION FOR 1-AXIS TRACKING FLAT-PLATE COLLECTORS WITH A NORTH-SOUTH AXIS (kWh/m2/day), Percentage Uncertainty = 9"

Axis Tilt	"	"	"Jan"	"Feb"	"Mar"	"Apr"	"May"	"Jun"	"Jul"	"Aug"	"Sep"	"Oct"	"Nov"	"Dec"	"Year"
0	"	"Average"	2.6	3.6	4.7	6.1	7.2	7.9	7.7	7.2	6.0	4.5	2.7	2.1	5.2
	"	"Minimum"	2.0	2.8	3.8	4.5	5.7	7.1	6.5	6.1	5.1	3.5	1.9	1.6	4.8
	"	"Maximum"	3.3	4.7	5.6	8.0	8.7	10.2	8.8	8.1	7.3	5.7	3.8	2.8	5.9
Lat - 15	"	"Average"	3.2	4.2	5.1	6.4	7.3	7.9	7.7	7.5	6.5	5.2	3.3	2.6	5.6
	"	"Minimum"	2.4	3.1	4.1	4.6	5.8	7.0	6.5	6.3	5.4	3.9	2.1	1.9	5.2
	"	"Maximum"	4.1	5.6	6.2	8.5	8.9	10.2	8.8	8.4	8.0	6.7	4.7	3.6	6.4
Lat	"	"Average"	3.5	4.4	5.2	6.4	7.1	7.6	7.4	7.3	6.5	5.4	3.5	2.8	5.6
	"	"Minimum"	2.5	3.2	4.2	4.5	5.5	6.7	6.2	6.2	5.4	4.0	2.2	2.0	5.2
	"	"Maximum"	4.5	5.9	6.3	8.4	8.6	9.8	8.5	8.3	8.1	7.0	5.1	3.9	6.4
Lat + 15	"	"Average"	3.6	4.5	5.1	6.1	6.7	7.1	7.0	7.0	6.4	5.5	3.6	2.9	5.4
	"	"Minimum"	2.6	3.3	4.1	4.3	5.2	6.3	5.8	5.8	5.2	4.0	2.3	2.1	5.0
	"	"Maximum"	4.7	6.1	6.2	8.1	8.1	9.1	8.0	7.9	8.0	7.1	5.3	4.2	6.2

SOLAR RADIATION FOR 2-AXIS TRACKING FLAT-PLATE COLLECTORS (kWh/m2/day), Percentage Uncertainty = 9"

Tracker	"	"	"Jan"	"Feb"	"Mar"	"Apr"	"May"	"Jun"	"Jul"	"Aug"	"Sep"	"Oct"	"Nov"	"Dec"	"Year"
2-Axis	"	"Average"	3.6	4.5	5.2	6.5	7.4	8.1	7.9	7.5	6.6	5.5	3.6	3.0	5.8
	"	"Minimum"	2.6	3.3	4.2	4.6	5.8	7.2	6.6	6.3	5.4	4.1	2.3	2.1	5.3
	"	"Maximum"	4.7	6.1	6.3	8.5	9.0	10.4	8.9	8.5	8.1	7.1	5.3	4.2	6.6

LOUISVILLE, KY

Latitude(N): 38.18

Longitude: 85.73

SOLAR RADIATION FOR FLAT-PLATE COLLECTORS FACING SOUTH AT A FIXED-TILT (kWh/m2/day), Percentage Uncertainty = 9"

Tilt (deg)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	2.0	2.8	3.8	5.0	5.8	6.3	6.1	5.6	4.5	3.5	2.2	1.7	4.1
	"Minimum"	1.7	2.5	3.1	4.2	5.1	5.7	5.1	5.1	4.0	2.8	1.8	1.5	3.9
	"Maximum"	2.3	3.4	4.4	5.8	6.8	7.8	6.7	6.1	5.1	4.1	2.7	2.1	4.6
Lat - 15	"Average"	2.8	3.6	4.4	5.3	5.8	6.2	6.0	5.9	5.1	4.4	3.0	2.4	4.6
	"Minimum"	2.1	3.1	3.4	4.4	5.1	5.5	5.0	5.3	4.4	3.4	2.2	1.9	4.3
	"Maximum"	3.3	4.6	5.2	6.3	6.8	7.6	6.6	6.5	5.8	5.3	3.8	3.3	5.1
Lat	"Average"	3.1	3.9	4.5	5.2	5.5	5.7	5.6	5.7	5.2	4.7	3.3	2.7	4.6
	"Minimum"	2.3	3.2	3.5	4.2	4.8	5.1	4.6	5.1	4.4	3.5	2.3	2.0	4.3
	"Maximum"	3.8	5.1	5.4	6.2	6.4	6.9	6.1	6.3	5.9	5.7	4.3	3.8	5.2
Lat + 15	"Average"	3.3	4.0	4.4	4.8	4.9	4.9	4.9	5.1	5.0	4.7	3.4	2.9	4.4
	"Minimum"	2.3	3.3	3.3	3.9	4.2	4.4	4.1	4.6	4.2	3.5	2.3	2.1	4.1
	"Maximum"	4.1	5.3	5.3	5.8	5.7	6.0	5.4	5.7	5.7	5.8	4.6	4.1	4.9
90	"Average"	3.0	3.4	3.2	3.0	2.6	2.4	2.5	2.9	3.4	3.7	2.9	2.6	3.0
	"Minimum"	2.0	2.7	2.4	2.4	2.3	2.3	2.2	2.7	2.8	2.7	1.9	1.8	2.8
	"Maximum"	3.8	4.9	3.9	3.5	2.9	2.7	2.7	3.2	3.9	4.6	4.1	3.8	3.3

SOLAR RADIATION FOR 1-AXIS TRACKING FLAT-PLATE COLLECTORS WITH A NORTH-SOUTH AXIS (kWh/m2/day),

Percentage Uncertainty = 9"

Axis Tilt		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	2.7	3.8	4.9	6.4	7.4	8.0	7.8	7.3	6.0	4.7	2.9	2.3	5.4
	"Minimum"	2.0	3.1	3.7	5.0	6.2	7.0	6.2	6.5	5.0	3.5	2.1	1.8	5.0
	"Maximum"	3.3	4.9	6.1	8.0	9.2	10.5	8.9	8.2	7.0	5.9	3.8	3.1	6.2
Lat - 15	"Average"	3.3	4.4	5.4	6.7	7.5	8.0	7.8	7.5	6.5	5.4	3.5	2.8	5.7
	"Minimum"	2.4	3.5	4.0	5.2	6.3	7.0	6.2	6.7	5.3	4.0	2.4	2.1	5.3
	"Maximum"	4.1	5.8	6.7	8.4	9.4	10.4	8.9	8.5	7.7	6.8	4.7	3.9	6.7
Lat	"Average"	3.6	4.6	5.5	6.6	7.2	7.7	7.5	7.4	6.6	5.7	3.8	3.1	5.8
	"Minimum"	2.5	3.7	4.0	5.1	6.1	6.7	6.0	6.5	5.3	4.1	2.5	2.2	5.3
	"Maximum"	4.5	6.2	6.9	8.4	9.1	10.0	8.6	8.4	7.8	7.2	5.2	4.3	6.7
Lat + 15	"Average"	3.7	4.7	5.4	6.3	6.8	7.2	7.1	7.0	6.4	5.7	3.9	3.2	5.6
	"Minimum"	2.5	3.7	3.9	4.8	5.7	6.2	5.6	6.2	5.2	4.0	2.5	2.3	5.2
	"Maximum"	4.7	6.4	6.8	8.1	8.6	9.4	8.1	8.0	7.6	7.2	5.3	4.6	6.6

SOLAR RADIATION FOR 2-AXIS TRACKING FLAT-PLATE COLLECTORS (kWh/m2/day), Percentage Uncertainty = 9"

Tracker		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2-Axis	"Average"	3.8	4.7	5.5	6.7	7.6	8.2	8.0	7.6	6.6	5.7	3.9	3.2	6.0
	"Minimum"	2.5	3.7	4.0	5.2	6.3	7.1	6.3	6.7	5.4	4.1	2.5	2.3	5.5
	"Maximum"	4.7	6.4	6.9	8.5	9.5	10.7	9.1	8.6	7.8	7.3	5.4	4.7	7.0

KNOXVILLE, TN

Latitude(N) : 35.82

Longitude(W) : 83.98

SOLAR RADIATION FOR FLAT-PLATE COLLECTORS FACING SOUTH AT A FIXED-TILT (kWh/m2/day), Percentage Uncertainty = 9"

Tilt (deg)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	2.3	3.0	4.0	5.2	5.8	6.2	5.9	5.5	4.5	3.7	2.5	2.0	4.2
	"Minimum"	1.8	2.7	3.5	4.4	5.3	5.4	4.9	4.8	3.9	3.2	2.0	1.8	4.1
	"Maximum"	2.6	3.6	4.6	6.0	6.8	7.4	6.7	6.1	5.3	4.7	2.9	2.3	4.5
Lat - 15	"Average"	3.0	3.7	4.6	5.5	5.8	6.1	5.8	5.7	5.0	4.6	3.3	2.8	4.7
	"Minimum"	2.2	3.2	3.9	4.6	5.3	5.3	4.9	4.9	4.2	3.8	2.5	2.3	4.5
	"Maximum"	3.7	4.7	5.4	6.5	6.8	7.2	6.6	6.3	5.9	6.0	4.1	3.4	5.0
Lat	"Average"	3.4	4.0	4.7	5.4	5.5	5.6	5.4	5.5	5.1	4.9	3.7	3.1	4.7
	"Minimum"	2.4	3.4	4.0	4.5	4.9	4.9	4.6	4.7	4.2	4.0	2.7	2.5	4.4
	"Maximum"	4.3	5.3	5.6	6.4	6.4	6.6	6.2	6.1	6.0	6.5	4.6	3.9	5.1
Lat + 15	"Average"	3.6	4.1	4.6	5.0	4.9	4.9	4.8	5.0	4.8	4.9	3.8	3.3	4.5
	"Minimum"	2.5	3.5	3.8	4.1	4.4	4.3	4.0	4.3	4.0	3.9	2.7	2.5	4.2
	"Maximum"	4.6	5.4	5.5	6.0	5.7	5.7	5.4	5.6	5.8	6.7	4.9	4.2	4.8
90	"Average"	3.2	3.3	3.2	2.9	2.4	2.2	2.3	2.7	3.2	3.8	3.3	3.0	3.0
	"Minimum"	2.0	2.7	2.7	2.5	2.3	2.0	2.1	2.4	2.6	3.0	2.2	2.2	2.7
	"Maximum"	4.2	4.5	3.8	3.5	2.7	2.4	2.5	3.0	3.8	5.2	4.3	3.9	3.2

SOLAR RADIATION FOR 1-AXIS TRACKING FLAT-PLATE COLLECTORS WITH A NORTH-SOUTH AXIS (kWh/m2/day),

Percentage Uncertainty = 9"

Axis Tilt		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	3.1	4.0	5.2	6.7	7.3	7.8	7.3	6.9	5.8	5.0	3.4	2.7	5.5
	"Minimum"	2.1	3.3	4.3	5.3	6.3	6.4	5.7	5.8	4.6	4.1	2.4	2.2	5.2
	"Maximum"	3.8	5.2	6.5	8.2	9.1	9.8	8.7	7.9	7.2	6.9	4.3	3.4	6.1
Lat - 15	"Average"	3.6	4.6	5.7	6.9	7.4	7.7	7.3	7.1	6.2	5.7	4.0	3.3	5.8
	"Minimum"	2.5	3.7	4.6	5.4	6.3	6.4	5.7	5.9	4.9	4.5	2.8	2.5	5.5
	"Maximum"	4.7	6.1	7.1	8.6	9.2	9.8	8.7	8.1	7.7	7.9	5.1	4.2	6.4
Lat	"Average"	3.9	4.8	5.8	6.9	7.1	7.4	7.1	7.0	6.3	5.9	4.3	3.6	5.8
	"Minimum"	2.6	3.8	4.6	5.3	6.1	6.1	5.4	5.8	4.9	4.7	2.9	2.7	5.5
	"Maximum"	5.1	6.5	7.2	8.6	8.9	9.4	8.4	8.0	7.8	8.3	5.6	4.6	6.5
Lat + 15	"Average"	4.1	4.9	5.7	6.6	6.7	6.9	6.6	6.7	6.1	6.0	4.4	3.7	5.7
	"Minimum"	2.7	3.9	4.5	5.1	5.7	5.7	5.1	5.5	4.7	4.7	3.0	2.8	5.3
	"Maximum"	5.4	6.6	7.2	8.3	8.4	8.7	7.9	7.6	7.6	8.4	5.8	4.9	6.3

SOLAR RADIATION FOR 2-AXIS TRACKING FLAT-PLATE COLLECTORS (kWh/m2/day), Percentage Uncertainty = 9"

Tracker		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2-Axis	"Average"	4.1	4.9	5.8	7.0	7.4	7.9	7.4	7.2	6.3	6.0	4.4	3.8	6.0
	"Minimum"	2.7	3.9	4.7	5.4	6.4	6.5	5.8	5.9	4.9	4.7	3.0	2.8	5.7
	"Maximum"	5.4	6.6	7.3	8.6	9.3	10.0	8.9	8.2	7.8	8.4	5.8	4.9	6.7

EVANSVILLE, IN

Latitude (N): 38.05

Longitude (W): 87.53

SOLAR RADIATION FOR FLAT-PLATE COLLECTORS FACING SOUTH AT A FIXED-TILT (kWh/m²/day), Percentage Uncertainty = 9"

Tilt (deg)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	2.1	2.9	3.8	5.0	5.9	6.5	6.3	5.7	4.6	3.5	2.3	1.8	4.2
	"Minimum"	1.8	2.5	3.4	4.1	4.8	5.8	5.3	5.0	4.1	2.9	1.9	1.5	4.0
	"Maximum"	2.5	3.3	4.3	5.9	7.0	7.7	6.9	6.3	5.2	4.2	2.7	2.2	4.6
Lat - 15	"Average"	2.9	3.7	4.5	5.3	5.9	6.3	6.2	6.0	5.3	4.5	3.1	2.5	4.7
	"Minimum"	2.3	3.0	3.8	4.3	4.8	5.7	5.3	5.2	4.5	3.5	2.3	2.0	4.4
	"Maximum"	3.5	4.5	5.2	6.4	7.1	7.5	6.8	6.6	6.0	5.5	3.8	3.4	5.2
Lat	"Average"	3.3	4.0	4.6	5.2	5.6	5.8	5.8	5.8	5.3	4.8	3.4	2.9	4.7
	"Minimum"	2.5	3.1	3.8	4.1	4.5	5.2	4.9	5.0	4.5	3.7	2.4	2.2	4.4
	"Maximum"	4.1	5.0	5.4	6.3	6.6	6.8	6.3	6.4	6.1	6.0	4.3	4.0	5.2
Lat + 15	"Average"	3.5	4.1	4.5	4.8	4.9	5.0	5.1	5.3	5.1	4.9	3.6	3.0	4.5
	"Minimum"	2.5	3.1	3.7	3.8	4.0	4.6	4.3	4.6	4.3	3.7	2.5	2.3	4.2
	"Maximum"	4.4	5.2	5.3	5.8	5.8	5.8	5.5	5.8	5.9	6.1	4.6	4.3	5.0
90	"Average"	3.1	3.4	3.3	3.0	2.6	2.4	2.5	3.0	3.5	3.8	3.1	2.8	3.0
	"Minimum"	2.2	2.6	2.7	2.4	2.2	2.3	2.3	2.6	2.9	2.9	2.0	2.0	2.8
	"Maximum"	4.1	4.5	3.9	3.6	2.9	2.6	2.7	3.3	4.0	4.9	4.1	4.0	3.3

SOLAR RADIATION FOR 1-AXIS TRACKING FLAT-PLATE COLLECTORS WITH A NORTH-SOUTH AXIS (kWh/m²/day),

Percentage Uncertainty = 9"

Axis Tilt		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0	"Average"	2.9	3.9	5.1	6.5	7.7	8.4	8.2	7.6	6.2	4.9	3.1	2.4	5.6
	"Minimum"	2.2	3.1	4.1	5.0	5.8	7.2	6.5	6.4	5.2	3.7	2.3	1.8	5.2
	"Maximum"	3.6	4.8	6.1	8.2	9.6	10.4	9.1	8.5	7.3	6.3	3.9	3.3	6.4
Lat - 15	"Average"	3.5	4.5	5.6	6.8	7.7	8.4	8.2	7.8	6.7	5.7	3.7	3.0	6.0
	"Minimum"	2.6	3.4	4.4	5.2	5.9	7.1	6.5	6.6	5.6	4.2	2.6	2.2	5.6
	"Maximum"	4.4	5.7	6.8	8.6	9.8	10.4	9.1	8.8	7.9	7.2	4.8	4.2	6.8
Lat	"Average"	3.8	4.7	5.7	6.7	7.5	8.1	7.9	7.7	6.8	5.9	4.0	3.3	6.0
	"Minimum"	2.8	3.6	4.5	5.1	5.7	6.8	6.3	6.4	5.6	4.3	2.7	2.3	5.6
	"Maximum"	4.8	6.1	6.9	8.5	9.5	10.0	8.8	8.6	8.0	7.6	5.2	4.6	6.9
Lat + 15	"Average"	3.9	4.8	5.6	6.4	7.1	7.5	7.4	7.3	6.6	5.9	4.1	3.4	5.9
	"Minimum"	2.8	3.6	4.4	4.9	5.3	6.3	5.9	6.1	5.4	4.3	2.7	2.4	5.5
	"Maximum"	5.0	6.2	6.8	8.2	9.0	9.3	8.3	8.2	7.9	7.7	5.4	4.9	6.7

SOLAR RADIATION FOR 2-AXIS TRACKING FLAT-PLATE COLLECTORS (kWh/m²/day), Percentage Uncertainty = 9"

Tracker		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2-Axis	"Average"	4.0	4.8	5.7	6.8	7.8	8.6	8.4	7.9	6.8	6.0	4.1	3.5	6.2
	"Minimum"	2.8	3.6	4.5	5.2	5.9	7.3	6.7	6.6	5.6	4.4	2.8	2.4	5.8
	"Maximum"	5.1	6.2	6.9	8.6	9.9	10.6	9.3	8.8	8.1	7.7	5.4	5.0	7.1