





























































































<u>ال</u>	Eur	European Cooperation in the field of Scientific and Technical Research Building Integration of Solar Thermal Systems – TU1205 – BISTS											
ച്ചജ	Builc												
Monthly average daily extraterrestrial insolation on horizontal surface (MJ/m ²)													
Latitude	Jan 17	Feb 16	Mar 16	Apr 15	May 15	June 11	July 17	Aug 16	Sept 15	Oct 15	Nov 14	Dec 10	
60°S 55°S	41.1 41.7	31.9 33.7	21.2 23.8	10.9 13.8	4.4 7.1	2.1 4.5	3.1 5.6	7.8 10.7	16.7 19.5	28.1 30.2	38.4 39.4	43.6 43.9	
50°S 45°S	42.4 42.9	35.3 36.8	26.3 28.6	16.8 19.6	10.0 12.9	7.2	8.4 11.2	13.6 16.5	22.2 24.7	32.1 33.8	40.3 41.1	44.2 44.4	
40°S 35°S	43.1 43.2	37.9 38.8	30.7 32.5	22.3 24.8 27.2	15.8 18.6	12.9 15.8	14.1 17.0	19.3 22.0	27.1 29.2	35.3	41.6 41.9	44.4 44.2	
25°S	43.0 42.5 41.8	39.3 39.9 39.9	35.4 36.5	27.2 29.4 31.3	21.4 24.1 26.6	21.5	22.5	24.3 26.9 29.1	32.8 34.2	37.5 38.1 38.5	41.9 41.6 41.1	43.0 42.0	
15°S 10°S	40.8	39.7 39.3	37.2	33.1 34.6	28.9	26.8 29.2	27.6	31.1 32.8	35.4	38.7	40.3	40.8	
5°S 0	38.0 36.2	38.5 37.4	38.0 37.9	35.8 36.8	33.0 34.8	31.4 33.5	32.0 33.9	34.4 35.7	36.9 37.2	38.1 37.3	37.9 36.4	37.6 35.6	
5°N 10°N	34.2 32.0	36.1 34.6	37.5 36.9	37.5 37.9	36.3 37.5	35.3 37.0	35.6 37.1	36.7 37.5	37.3 37.0	36.3 35.1	34.5 32.5	33.5 31.1	
15°N 20°N	29.5 26.9	32.7 30.7	35.9 34.7	38.0 37.9	38.5 39.3	38.4 39.5	38.3 39.3	38.0 38.2	36.5 35.7	33.5 31.8	30.2 27.7	28.5 25.7	
25°N 30°N	24.1 21.3	28.4 26.0	33.3 31.6	37.5 36.8	39.8 40.0	40.4 41.1	40.0 40.4	38.2 37.9	34.7 33.4	29.8 27.5	25.1 22.3	22.9 19.9	
40°N 45°N	18.5 15.2 12.1	23.5 20.5 17.6	29.6 27.4 25.0	35.8 34.6 33.1	39.9 39.7 39.2	41.5 41.7 41.7	40.6 40.6 40.4	37.5 36.5 35.4	31.8 30.0 27.9	25.1 22.5 19.8	19.4 16.4 13.4	16.8 13.7 10.7	
50°N 55°N	9.1 6.1	14.6 11.6	22.5 19.7	31.4 29.5	38.4 37.6	41.5 41.3	40.0 39.4	34.1 32.7	25.7 23.2	16.9 13.9	10.4 7.4	7.7	
60°N	3.4	8.5	16.8	27.4	36.6	41.0	38.8	31.0	20.6	10.9	4.5	2.3	
COST is supported by the EU Framework Programme Horizon 2020												1 10N	













