

Table 1.4. Theoretical insolation received on a horizontal surface without the influence of the atmosphere at various latitudes on four dates (all values are 24 hr averages, in Wm^{-2}).

	March 21		June 21		Sept. 22		Dec. 21	
Latitude	North	South	North	South	North	South	North	South
90°	0	0	527	0	0	0	0	560
80°	76	76	520	0	75	75	0	552
70°	150	150	496	0	148	148	0	526
60°	219	219	480	23	217	217	24	509
50°	280	280	484	81	278	278	86	515
40°	334	334	485	147	331	331	156	516
30°	378	378	477	213	374	374	227	507
20°	410	410	458	278	406	406	295	487
10°	430	430	428	336	426	426	357	454
0°	437		387		433		411	