

Table A.1. Reference climatic data in Bologna (Italy)

Month	Air temp.	Rel. Humid.	Daily solar radiation-horizantal.	Atm. Press.	Wind speed	Earth temp.	Heat. degree days	Cool. degree days
	°C	%	kWh/(m ² d)	kPa	m/s	°C	°C-d	°C-d
Jan.	2.5	82.0%	1.22	98.8	1.7	3.2	481	0
Feb.	4.4	75.2%	1.91	98.7	1.9	4.5	381	0
Mar	9.2	70.0%	3.12	98.5	2.4	9.1	273	0
Apr	12.9	70.8%	4.38	98.1	2.6	13.2	153	87
May	18.2	68.0%	5.45	98.3	2.5	19.2	0	254
Jun	22.3	65.5%	6.08	98.4	2.6	23.1	0	369
Jul	25.1	63.4%	6.15	98.4	2.5	26.0	0	468
Aug	24.6	66.0%	5.26	98.4	2.4	25.7	0	453
Sept	20.2	70.6%	4.04	98.5	2.2	21.2	0	306
Oct	14.7	80.3%	2.55	98.6	1.8	15.4	102	146
Nov	8.2	83.9%	1.39	98.5	1.7	8.8	294	0
Dec	3.8	83.0%	1.05	98.7	1.8	4.6	440	0
Annual	13.9	73.2%	3.56	98.5	2.2	14.6	2.124	2.083
Meas. atm					10.0	0.0		

	ORIZZ	NE	E	SE	S	S	O	NO	N
January	4.5	1.8	3.5	5.8	7.4	5.8	3.5	1.8	1.7
February	7.9	3.2	6.1	9	10.7	9	6.1	3.2	2.6
March	12.1	5.4	8.8	11	11.6	11	8.8	5.4	3.8
April	17.3	8.5	11.9	12.6	11.2	12.6	11.9	8.5	5.5
May	21.0	11.1	13.8	12.7	10.2	12.7	13.8	11.1	7.9
June	23.6	12.8	15.2	13.1	10.0	13.1	15.2	12.8	9.7
July	25.6	13.6	16.8	14.7	11.1	14.7	16.8	13.6	9.5
August	21.0	10.5	14.3	14.3	12.0	14.3	14.3	10.5	6.6
September	15.4	7.0	11.1	13.1	12.9	13.1	11.1	7	4.3
October	9.9	4.1	7.6	10.7	12.4	10.7	7.6	4.1	3.0
November	5.3	2.1	4.2	6.8	8.5	6.8	4.2	2.1	1.9
December	4.1	1.6	3.3	5.7	7.2	5.7	3.3	1.6	1.5