

- Monthly Statistics for Dry Bulb temperatures °C

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Maximum	10.6	10.4	15.8	22.7	26.6	27.9	31.6	34.9	24.9	25.7	18.0	14.2
Day:Hour	19:13	19:18	13:16	4:15	17:14	26:15	11:15	10:16	24:16	4:14	8:15	13:01
Minimum	-4.0	-9.1	-0.4	-1.0	1.4	8.8	11.6	8.2	7.0	-2.4	-7.6	-2.8
Day:Hour	1:06	13:08	3:06	24:06	7:06	8:03	28:06	25:04	23:07	30:07	15:05	2:08
Daily Avg	3.1	3.2	6.4	8.9	12.9	15.6	18.4	17.4	14.5	10.9	6.6	4.9

- Maximum Dry Bulb temperature of 34.9°C on Aug 10

- Minimum Dry Bulb temperature of -9.1°C on Feb 13

- Average Hourly Statistics for Dry Bulb temperatures °C

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0:01- 1:00	2.9	2.6	5.5	7.4	10.6	13.3	16.1	14.4	13.1	9.6	6.0	4.7
1:01- 2:00	2.7	2.6	5.2	7.2	9.8	12.8	15.7	13.9	13.0	9.4	5.5	4.5
2:01- 3:00	2.6	2.4	5.0	6.9	9.5	12.6	15.3	13.6	12.8	9.2	5.3	4.4
3:01- 4:00	2.5	2.4	4.8	6.6	9.1	12.6	15.0	13.2	12.5	9.0	5.0	4.3
4:01- 5:00	2.5	2.3	4.6	6.3	9.0	12.4	14.8	13.0	12.3	8.7	4.8	4.2
5:01- 6:00	2.5	1.9	4.4	6.2	9.2	12.7	14.9	13.0	12.2	8.7	4.8	4.1
6:01- 7:00	2.5	1.7	4.3	6.5	10.2	13.5	15.7	13.9	12.2	8.7	4.6	4.0
7:01- 8:00	2.3	1.8	4.5	7.2	11.4	14.5	16.6	15.5	12.8	8.8	4.6	3.9
8:01- 9:00	2.4	2.0	5.1	8.2	12.6	15.6	17.7	16.9	13.8	9.6	5.0	4.0
9:01-10:00	2.6	2.5	5.9	8.9	13.7	16.6	18.8	18.2	14.9	10.8	5.8	4.1
10:01-11:00	3.1	3.0	6.7	9.9	14.4	17.0	19.7	19.4	15.7	11.9	7.1	4.6
11:01-12:00	3.5	3.8	7.4	10.5	15.2	17.6	20.6	20.4	16.4	12.9	8.0	5.0
12:01-13:00	3.7	4.2	8.1	10.9	15.6	18.0	21.2	21.1	16.8	13.6	8.9	5.5
13:01-14:00	3.9	4.5	8.5	11.3	16.1	18.6	21.6	21.7	17.2	14.1	9.4	5.9
14:01-15:00	3.9	4.8	8.9	11.6	16.5	18.4	22.0	21.9	17.2	14.2	9.5	6.0
15:01-16:00	3.9	4.7	8.8	11.5	16.5	18.5	22.2	21.9	17.4	14.0	9.2	6.0
16:01-17:00	3.6	4.6	8.7	11.5	16.4	18.4	22.0	21.6	16.9	13.3	8.4	5.8
17:01-18:00	3.5	4.3	8.4	11.3	16.2	18.2	21.5	21.1	16.3	12.3	7.7	5.6
18:01-19:00	3.4	4.0	7.8	10.7	15.5	17.4	21.0	20.2	15.4	11.5	7.1	5.6
19:01-20:00	3.3	3.6	7.2	9.8	14.5	16.7	19.9	18.9	14.4	11.1	6.7	5.5
20:01-21:00	3.1	3.7	6.8	9.0	13.3	15.6	18.6	17.6	13.9	10.7	6.5	5.4
21:01-22:00	3.1	3.4	6.4	8.4	12.3	14.6	17.7	16.5	13.6	10.3	6.2	5.2
22:01-23:00	3.1	3.3	6.0	8.0	11.6	14.1	17.0	15.5	13.3	10.0	6.0	5.1
23:01-24:00	3.1	3.0	5.6	7.7	11.1	13.7	16.5	14.9	13.2	9.8	5.9	5.0
Max Hour	14	15	15	15	15	14	16	15	16	15	15	16
Min Hour	8	7	7	6	5	5	5	6	6	7	8	8

- Monthly Statistics for Extreme temperatures °C

#Days	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max >= 32								2				
Max <= 0	2	1										2
Min <= 0	11	10	2	2						5	8	8
Min <=-18												

- Monthly Statistics for Dew Point temperatures °C

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Maximum	9.1	9.8	10.1	10.9	18.3	20.1	20.7	19.5	19.1	16.5	13.5	12.9
Day:Hour	19:15	19:23	14:15	3:10	16:17	27:16	11:20	10:15	24:18	3:16	2:15	12:24
Minimum	-7.5	-9.7	-2.4	-4.5	-0.3	5.0	10.0	6.0	3.0	-3.3	-12.5	-5.7
Day:Hour	1:06	12:09	13:06	23:23	7:14	4:15	9:11	28:13	7:16	30:08	14:17	2:14
Daily Avg	0.7	1.1	3.8	4.7	8.6	10.7	14.1	12.4	11.0	7.4	4.0	2.9

- Maximum Dew Point temperature of 20.7°C on Jul 11

- Minimum Dew Point temperature of -12.5°C on Nov 14

- Monthly Statistics for Relative Humidity %

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Maximum	100	100	100	99	100	100	98	100	100	100	100	100
Day:Hour	6:02	7:12	9:11	18:07	1:05	6:07	1:22	1:05	14:20	22:04	2:04	5:05
Minimum	60	35	46	39	38	26	37	31	34	40	32	48
Day:Hour	14:23	14:15	13:16	19:12	26:20	1:15	29:15	10:17	8:14	27:14	14:14	17:19
Daily Avg	85	86	84	76	77	75	77	75	81	80	84	87

- Average Hourly Relative Humidity %

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0:01- 1:00	85	88	87	81	86	85	86	87	88	88	88	89
1:01- 2:00	86	88	88	81	88	87	87	89	88	89	90	89
2:01- 3:00	85	88	88	83	90	87	89	90	88	89	89	88
3:01- 4:00	85	89	89	84	91	87	89	91	89	90	88	88
4:01- 5:00	86	88	88	86	91	88	90	92	89	90	88	87
5:01- 6:00	86	91	90	86	90	87	89	92	88	89	89	88
6:01- 7:00	87	93	90	86	88	85	87	91	88	89	90	89
7:01- 8:00	88	92	89	83	83	80	84	85	87	88	89	89

8:01- 9:00	87	91	87	80	79	75	80	79	83	86	88	88
9:01-10:00	87	90	84	78	74	71	75	72	78	81	86	89
10:01-11:00	85	89	82	73	71	68	72	68	74	77	80	88
11:01-12:00	82	86	79	71	67	65	69	63	71	72	78	87
12:01-13:00	82	83	76	69	66	63	66	59	70	68	75	85
13:01-14:00	81	81	76	68	64	61	65	57	69	65	73	84
14:01-15:00	81	79	75	67	64	62	64	56	69	65	73	84
15:01-16:00	82	78	76	67	64	61	63	58	68	65	74	84
16:01-17:00	83	79	76	66	64	62	65	58	71	69	78	85
17:01-18:00	84	82	78	67	65	63	67	59	74	74	81	86
18:01-19:00	85	83	81	68	67	66	69	64	78	78	83	86
19:01-20:00	84	86	83	72	70	69	73	70	84	79	85	87
20:01-21:00	85	85	84	75	74	74	78	75	85	81	85	87
21:01-22:00	85	86	85	77	78	80	82	79	86	83	87	87
22:01-23:00	85	87	87	79	80	82	84	83	88	85	89	87
23:01-24:00	86	88	87	80	83	83	85	85	88	86	89	88
Max Hour	8	7	7	6	5	5	5	6	5	4	7	2
Min Hour	15	16	15	17	16	16	16	15	16	14	14	14

- Monthly Indicators for Precipitation/Moisture (kPa)

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.7	0.7	0.9	0.9	1.2	1.3	1.7	1.4	1.3	1.1	0.9	0.8

- Monthly Statistics for Wind Chill/Heat Index temperatures °C **

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minimum WC	-15	-14	-13	-11	0	4		4	1	-6	-15	-13
Day:Hour	10:13	17:11	26:01	28:10	7:07	5:05		28:05	12:10	17:02	14:08	2:05
Average WC	-5	-3	0	0	6	7		6	6	3	1	-1
Avg Del WC	8	7	6	7	1	2		3	3	5	4	6
# Hours WC	717	577	626	426	114	25		8	42	221	444	640
Maximum HI						29	33	36				
Day:Hour						26:15	11:16	10:15				
Average HI						28	30	30				
Avg Del HI						1	1	1				
# Hours HI						5	30	21				

- **WindChill/HeatIndex Temps -- statistics...only those different from Air Temps

- Monthly Wind Direction % {N=0 or 360,E=90,S=180,W=270}

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North	2	10	7	10	14	13	7	9	4	7	6	3	
NorthEast		6	3	1	10	14	4	6	7	3	4	6	6
East	6	2	1	5	10	1	18	4	5	4	12	1	
SouthEast		3	3	4	1	4	3	6	2	4	3	10	10
South	9	7	12	13	21	16	10	7	9	6	18	25	
SouthWest		26	25	21	20	20	31	18	25	39	32	21	32
West	34	35	37	26	8	16	24	25	28	36	18	20	
NorthWest		13	15	17	15	10	16	11	21	7	7	9	2

- Monthly Statistics for Wind Speed m/s

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Maximum		19.5	15.0	13.9	13.9	5.1	10.3	8.7	12.0	13.9	15.4	21.6	14.0
Day:Hour		19:20	23:06	22:15	12:03	5:15	22:08	15:16	3:16	3:10	15:24	27:04	26:22
Minimum		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Day:Hour		7:04	8:23	2:04	4:08	1:01	1:01	4:01	2:22	22:19	20:24	5:05	3:13
Daily Avg		6.4	4.8	5.2	5.3	1.9	3.5	3.2	3.6	5.1	5.1	3.7	4.7

- Maximum Wind Speed of 21.6 m/s on Nov 27

- Minimum Wind Speed of 0.0 m/s on Jan 7

- Monthly Statistics for Solar Radiation (Direct Normal, Diffuse, Global Horizontal) Wh/m²

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Direct Avg		527	991	1018	1640	2176	1592	2722	2264	1520	1133	820	288
Direct Max		2789	4489	4202	6417	7300	5820	8071	7750	5033	3945	2891	2516
Day		20	13	16	24	30	17	4	8	26	23	14	6
Diffuse Avg		518	880	1438	2203	2891	3259	2862	2572	1803	1221	638	390
Global Avg		659	1240	1931	3192	4334	4343	4705	4036	2613	1688	892	454

- Maximum Direct Normal Solar of 8071 Wh/m² on Jul 4

- Average Hourly Statistics for Direct Normal Solar Radiation Wh/m²

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0:01- 1:00	0	0	0	0	0	0	0	0	0	0	0	0
1:01- 2:00	0	0	0	0	0	0	0	0	0	0	0	0
2:01- 3:00	0	0	0	0	0	0	0	0	0	0	0	0
3:01- 4:00	0	0	0	0	0	0	0	0	0	0	0	0
4:01- 5:00	0	0	0	0	0	0	0	0	0	0	0	0
5:01- 6:00	0	0	0	0	0	2	0	0	0	0	0	0
6:01- 7:00	0	0	0	6	49	49	66	24	0	0	0	0
7:01- 8:00	0	0	1	68	102	98	135	88	22	0	0	0
8:01- 9:00	0	6	42	117	142	125	204	157	101	32	2	0
9:01-10:00	26	49	78	126	154	156	247	180	172	94	74	15
10:01-11:00	93	124	102	156	176	150	257	202	171	149	124	47
11:01-12:00	102	157	136	187	200	148	254	236	195	172	148	42
12:01-13:00	98	174	163	173	207	111	255	239	222	175	146	59
13:01-14:00	103	165	150	211	211	130	245	260	175	190	151	56
14:01-15:00	63	141	150	204	233	126	230	257	177	166	120	45
15:01-16:00	37	108	111	165	235	161	269	227	144	109	54	26
16:01-17:00	4	67	69	139	226	158	252	190	108	45	1	0
17:01-18:00	0	1	17	75	161	99	183	140	34	1	0	0
18:01-19:00	0	0	0	15	71	64	108	63	0	0	0	0
19:01-20:00	0	0	0	0	6	15	16	1	0	0	0	0
20:01-21:00	0	0	0	0	0	0	0	0	0	0	0	0
21:01-22:00	0	0	0	0	0	0	0	0	0	0	0	0
22:01-23:00	0	0	0	0	0	0	0	0	0	0	0	0
23:01-24:00	0	0	0	0	0	0	0	0	0	0	0	0
Max Hour*	14	13	13	14	16*	16*	16*	14	13	14	14	13
Min Hour	1	1	1	1	1	1	1	1	1	1	1	1

- Monthly Calculated "undisturbed" Ground Temperatures** °C

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.5 m	6.3	3.9	3.3	3.8	7.1	10.6	14.0	16.5	17.2	16.0	13.3	9.8
2.0 m	8.4	6.2	5.2	5.1	6.8	9.3	11.9	14.2	15.4	15.1	13.6	11.2
4.0 m	9.8	8.1	7.0	6.7	7.3	8.8	10.6	12.3	13.5	13.8	13.1	11.7

- **These ground temperatures should NOT BE USED in the GroundTemperatures object to compute building floor losses.

- The temperatures for 0.5 m depth can be used for GroundTemperatures:Surface.

- The temperatures for 4.0 m depth can be used for GroundTemperatures:Deep.

- Calculations use a standard soil diffusivity of 2.3225760E-03 {m**2/day}

- Monthly Heating/Cooling Degree Days/Hours

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HDD base 10C	215	190	111	62	10	0	0	0	0	39	120	158
HDD base 18C	463	414	358	273	163	85	29	49	107	223	342	405
CDD base 10C	0	0	1	28	101	167	261	230	134	68	17	1
CDD base 18C	0	0	0	0	5	12	43	31	1	3	0	0
CDH base 20C	0	0	0	9	172	278	824	805	80	56	0	0
CDH base 23C	0	0	0	0	45	79	347	367	8	10	0	0
CDH base 27C	0	0	0	0	0	2	52	113	0	0	0	0

- 1009 annual cooling degree-days (10°C baseline)
- 905 annual heating degree-days (10°C baseline)
- 96 annual cooling degree-days (18°C baseline)
- 2912 annual heating degree-days (18°C baseline)

- Climate type "Cfb" (Köppen classification)**

- Marine west coastal (warm summer, mild winter, rain all year, lat. 35-60°N)
- **Note that the Köppen classification shown here is derived algorithmically from the source weather data.
- It may not be indicative of the long term climate for this location.

- Climate type "4A" (ASHRAE Standards 90.1-2004 and 90.2-2004 Climate Zone)**

- Mixed - Humid, Probable Köppen classification=Cfa/Dfa, Humid Subtropical/Humid Continental (Warm Summer)
- **Note that the ASHRAE classification shown here is derived algorithmically from the source weather data.
- It may not be indicative of the long term climate for this location.

- Typical/Extreme Period Determination

- Summer is Jun:Aug

Extreme Summer Week (nearest maximum temperature for summer)

Extreme Hot Week Period selected: Jul 6:Jul 12, Maximum Temp= 34.90°C, Deviation=|14.213|°C

Typical Summer Week (nearest average temperature for summer)

Typical Week Period selected: Jul 20:Jul 26, Average Temp= 17.16°C, Deviation=| 0.090|°C

- Winter is Dec:Feb

Extreme Winter Week (nearest minimum temperature for winter)

Extreme Cold Week Period selected: Feb 10:Feb 16, Minimum Temp= -9.10°C, Deviation=| 8.175|°C

Typical Winter Week (nearest average temperature for winter)

Typical Week Period selected: Feb 3:Feb 9, Average Temp= 3.76°C, Deviation=| 0.175|°C

- Autumn is Sep:Nov

Typical Autumn Week (nearest average temperature for autumn)

Typical Week Period selected: Nov 3:Nov 9, Average Temp= 10.67°C, Deviation=| 0.169|°C

- Spring is Mar:May

Typical Spring Week (nearest average temperature for spring)

Typical Week Period selected: Apr 5:Apr 11, Average Temp= 9.43°C, Deviation=| 0.092|°C

Temperature and RH in Brussels

