

Appendix 1: Corrected 2025 daily average solar radiation values (Reference: ECCC-2)

Date	Solar Rad. (watts/m2)
2025-01-01	2.9
2025-01-02	2.8
2025-01-03	4.4
2025-01-04	5.1
2025-01-05	4.9
2025-01-06	4.0
2025-01-07	4.0
2025-01-08	2.3
2025-01-09	3.0
2025-01-10	3.6
2025-01-11	3.9
2025-01-12	6.6
2025-01-13	4.6
2025-01-14	3.4
2025-01-15	4.3
2025-01-16	4.8
2025-01-17	5.6
2025-01-18	8.1
2025-01-19	6.5
2025-01-20	7.5
2025-01-21	8.7
2025-01-22	9.4

Date	Solar Rad. (watts/m2)
2025-01-23	10.3
2025-01-24	13.2
2025-01-25	10.8
2025-01-26	11.2
2025-01-27	9.7
2025-01-28	11.5
2025-01-29	11.3
2025-01-30	9.9
2025-01-31	9.5
2025-02-01	11.7
2025-02-02	12.3
2025-02-03	12.8
2025-02-04	15.2
2025-02-05	16.8
2025-02-06	20.4
2025-02-07	18.4
2025-02-08	10.8
2025-02-09	10.6
2025-02-10	12.1
2025-02-11	11.8
2025-02-12	12.7
2025-02-13	21.9

Date	Solar Rad. (watts/m2)
2025-02-14	15.3
2025-02-15	13.0
2025-02-16	20.2
2025-02-17	21.1
2025-02-18	16.0
2025-02-19	18.9
2025-02-20	18.1
2025-02-21	35.2
2025-02-22	37.6
2025-02-23	43.8
2025-02-24	43.9
2025-02-25	45.7
2025-02-26	46.4
2025-02-27	52.8
2025-02-28	55.2
2025-03-01	64.3
2025-03-02	62.8
2025-03-03	66.4
2025-03-04	72.0
2025-03-05	65.8
2025-03-06	80.8
2025-03-07	76.9

Date	Solar Rad. (watts/m2)
2025-03-08	84.7
2025-03-09	74.6
2025-03-10	81.6
2025-03-11	92.0
2025-03-12	98.9
2025-03-13	101.3
2025-03-14	113.2
2025-03-15	95.7
2025-03-16	77.6
2025-03-17	86.6
2025-03-18	102.5
2025-03-19	124.7
2025-03-20	124.4
2025-03-21	126.7
2025-03-22	148.6
2025-03-23	135.4
2025-03-24	113.8
2025-03-25	145.7
2025-03-26	164.3
2025-03-27	164.8
2025-03-28	169.0
2025-03-29	173.6

Date	Solar Rad. (watts/m2)
2025-03-30	176.9
2025-03-31	171.7
2025-04-01	177.4
2025-04-02	165.3
2025-04-03	175.7
2025-04-04	160.0
2025-04-05	190.0
2025-04-06	203.1
2025-04-07	207.1
2025-04-08	203.8
2025-04-09	207.6
2025-04-10	124.5
2025-04-11	157.0
2025-04-12	199.9
2025-04-13	218.4
2025-04-14	189.7
2025-04-15	236.2
2025-04-16	205.6
2025-04-17	240.8
2025-04-18	247.1
2025-04-19	205.5
2025-04-20	180.0

Date	Solar Rad. (watts/m2)
2025-04-21	249.6
2025-04-22	249.1
2025-04-23	163.5
2025-04-24	260.3
2025-04-25	242.1
2025-04-26	273.1
2025-04-27	233.6
2025-04-28	274.7
2025-04-29	237.5
2025-04-30	246.3
2025-05-01	270.7
2025-05-02	266.9
2025-05-03	290.3
2025-05-04	221.7
2025-05-05	274.1
2025-05-06	290.6
2025-05-07	278.0
2025-05-08	289.5
2025-05-09	224.0
2025-05-10	221.5
2025-05-11	295.4
2025-05-12	171.9

Date	Solar Rad. (watts/m2)
2025-05-13	281.9
2025-05-14	287.4
2025-05-15	150.9
2025-05-16	246.3
2025-05-17	256.0
2025-05-18	239.9
2025-05-19	295.3
2025-05-20	328.3
2025-05-21	257.6
2025-05-22	300.7
2025-05-23	310.5
2025-05-24	312.6
2025-05-25	289.2
2025-05-26	292.7
2025-05-27	261.4
2025-05-28	177.1
2025-05-29	337.6
2025-05-30	272.5
2025-05-31	88.4
2025-06-01	219.7
2025-06-02	54.8
2025-06-03	38.6

Date	Solar Rad. (watts/m2)
2025-06-04	25.9
2025-06-05	253.9
2025-06-06	306.8
2025-06-07	322.1
2025-06-08	309.1
2025-06-09	195.0
2025-06-10	274.7
2025-06-11	312.7
2025-06-12	244.3
2025-06-13	186.2
2025-06-14	292.8
2025-06-15	324.2
2025-06-16	125.6
2025-06-17	114.0
2025-06-18	233.8
2025-06-19	139.7
2025-06-20	182.7
2025-06-21	225.6
2025-06-22	268.4
2025-06-23	339.8
2025-06-24	240.5
2025-06-25	197.1

Date	Solar Rad. (watts/m2)
2025-06-26	307.1
2025-06-27	93.9
2025-06-28	313.9
2025-06-29	287.5
2025-06-30	234.5
2025-07-01	258.0
2025-07-02	320.2
2025-07-03	197.2
2025-07-04	184.5
2025-07-05	315.9
2025-07-06	231.4
2025-07-07	313.5
2025-07-08	302.5
2025-07-09	194.4
2025-07-10	181.0
2025-07-11	229.9
2025-07-12	163.3
2025-07-13	243.9
2025-07-14	290.8
2025-07-15	258.7
2025-07-16	256.5
2025-07-17	128.6

Date	Solar Rad. (watts/m2)
2025-07-18	150.1
2025-07-19	165.8
2025-07-20	167.4
2025-07-21	77.3
2025-07-22	46.6
2025-07-23	176.1
2025-07-24	111.5
2025-07-25	199.0
2025-07-26	37.9
2025-07-27	59.2
2025-07-28	83.2
2025-07-29	216.4
2025-07-30	287.9
2025-07-31	143.4
2025-08-01	130.5
2025-08-02	239.2
2025-08-03	273.8
2025-08-04	205.8
2025-08-05	123.6
2025-08-06	246.3
2025-08-07	272.3
2025-08-08	218.8

Date	Solar Rad. (watts/m2)
2025-08-09	273.1
2025-08-10	89.1
2025-08-11	46.8
2025-08-12	248.9
2025-08-13	247.1
2025-08-14	176.7
2025-08-15	168.6
2025-08-16	201.4
2025-08-17	240.1
2025-08-18	133.7
2025-08-19	66.2
2025-08-20	48.0
2025-08-21	152.0
2025-08-22	70.3
2025-08-23	193.0
2025-08-24	150.0
2025-08-25	62.8
2025-08-26	201.4
2025-08-27	112.4
2025-08-28	171.7
2025-08-29	159.5
2025-08-30	156.0

Date	Solar Rad. (watts/m2)
2025-08-31	171.3
2025-09-01	123.9
2025-09-02	173.4
2025-09-03	152.6
2025-09-04	44.1
2025-09-05	26.4
2025-09-06	104.3
2025-09-07	158.2
2025-09-08	110.4
2025-09-09	99.0
2025-09-10	87.2
2025-09-11	43.5
2025-09-12	70.0
2025-09-13	43.5
2025-09-14	67.6
2025-09-15	45.7
2025-09-16	79.2
2025-09-17	89.4
2025-09-18	141.5
2025-09-19	50.9
2025-09-20	100.4
2025-09-21	43.1

Date	Solar Rad. (watts/m2)
2025-09-22	110.8
2025-09-23	61.5
2025-09-24	55.8
2025-09-25	99.8
2025-09-26	96.8
2025-09-27	29.9
2025-09-28	59.4
2025-09-29	45.0
2025-09-30	26.2
2025-10-01	19.6
2025-10-02	59.8
2025-10-03	73.2
2025-10-04	35.2
2025-10-05	51.3
2025-10-06	36.5
2025-10-07	57.7
2025-10-08	66.6
2025-10-09	22.7
2025-10-10	50.1
2025-10-11	14.7
2025-10-12	40.2
2025-10-13	58.1

Date	Solar Rad. (watts/m2)
2025-10-14	42.5
2025-10-15	31.2
2025-10-16	11.3
2025-10-17	9.2
2025-10-18	17.4
2025-10-19	17.6
2025-10-20	37.8
2025-10-21	33.9
2025-10-22	19.1
2025-10-23	49.4
2025-10-24	24.0
2025-10-25	27.5
2025-10-26	19.1
2025-10-27	14.1
2025-10-28	23.7
2025-10-29	12.9
2025-10-30	25.6
2025-10-31	37.0
2025-11-01	17.1
2025-11-02	12.1
2025-11-03	8.6
2025-11-04	20.1

Date	Solar Rad. (watts/m2)
2025-11-05	32.6
2025-11-06	18.2
2025-11-07	25.1
2025-11-08	21.7
2025-11-09	11.3
2025-11-10	14.3
2025-11-11	9.8
2025-11-12	14.1
2025-11-13	22.5
2025-11-14	10.5
2025-11-15	10.7
2025-11-16	11.2
2025-11-17	17.2
2025-11-18	11.2
2025-11-19	8.9
2025-11-20	8.7
2025-11-21	7.1
2025-11-22	6.0
2025-11-23	10.0
2025-11-24	8.5
2025-11-25	10.0
2025-11-26	9.6

Date	Solar Rad. (watts/m2)
2025-11-27	10.4
2025-11-28	5.3
2025-11-29	6.7
2025-11-30	5.9
2025-12-01	5.2
2025-12-02	4.9
2025-12-03	4.6
2025-12-04	2.7
2025-12-05	4.4
2025-12-06	3.2
2025-12-07	3.0
2025-12-08	3.2
2025-12-09	3.1
2025-12-10	2.0
2025-12-11	2.2
2025-12-12	2.4
2025-12-13	3.5
2025-12-14	3.2
2025-12-15	2.9
2025-12-16	2.9
2025-12-17	2.2
2025-12-18	2.4

Date	Solar Rad. (watts/m2)
2025-12-19	2.5
2025-12-20	2.0
2025-12-21	2.5
2025-12-22	1.6
2025-12-23	1.9
2025-12-24	2.0
2025-12-25	1.5
2025-12-26	2.1
2025-12-27	2.7
2025-12-28	2.4
2025-12-29	2.6
2025-12-30	3.2
2025-12-31	1.5