

CGCM2 Window Limits and Box Numbering

Table 1: Windows limits

Window	Latitude	Longitude*	BOX_Y	BOX_X
North America	5.57-83.48°N	187.5-352.5°E	23 – 2	51 – 95

* Note: All the longitude values correspond to 0-360 in East direction, i.e. 187.5 corresponds to $187.5 - 360 = -172.5$ (i.e. 172.5°W).

Table 2: BOX numbering

Latitude			
Y number	Latitude	Y number	Latitude
1	87.16°N	25	1.86°S
2	83.48°N	26	5.57°S
3	79.78°N	27	9.28°S
4	76.07°N	28	12.99°S
5	72.36°N	29	16.70°S
6	68.65°N	30	20.41°S
7	64.94°N	31	24.12°S
8	61.23°N	32	27.83°S
9	57.52°N	33	31.54°S
10	53.81°N	34	35.26°S
11	50.10°N	35	38.97°S
12	46.39°N	36	42.68°S
13	42.68°N	37	46.39°S
14	38.97°N	38	50.10°S
15	35.26°N	39	53.81°S
16	31.54°N	40	57.52°S
17	27.83°N	41	61.23°S
18	24.12°N	42	64.94°S
19	20.41°N	43	68.65°S
20	16.70°N	44	72.36°S
21	12.99°N	45	76.07°S
22	9.28°N	46	79.78°S
23	5.57°N	47	83.48°S
24	1.86°N	48	87.16°S

Longitude							
X number	Longitude	X number	Longitude	X number	Longitude	X number	Longitude
1	0	25	90	49	180	73	270
2	3.75	26	93.75	50	183.75	74	273.75
3	7.5	27	97.5	51	187.5	75	277.5
4	11.25	28	101.25	52	191.25	76	281.25
5	15	29	105	53	195	77	285
6	18.75	30	108.75	54	198.75	78	288.75
7	22.5	31	112.5	55	202.5	79	292.5
8	26.25	32	116.25	56	206.25	80	296.25
9	30	33	120	57	210	81	300
10	33.75	34	123.75	58	213.75	82	303.75
11	37.5	35	127.5	59	217.5	83	307.5
12	41.25	36	131.25	60	221.25	84	311.25

13	45	37	135	61	225	85	315
14	48.75	38	138.75	62	228.75	86	318.75
15	52.5	39	142.5	63	232.5	87	322.5
16	56.25	40	146.25	64	236.25	88	326.25
17	60	41	150	65	240	89	330
18	63.75	42	153.75	66	243.75	90	333.75
19	67.5	43	157.5	67	247.5	91	337.5
20	71.25	44	161.25	68	251.25	92	341.25
21	75	45	165	69	255	93	345
22	78.75	46	168.75	70	258.75	94	348.75
23	82.5	47	172.5	71	262.5	95	352.5
24	86.25	48	176.25	72	266.25	96	356.25