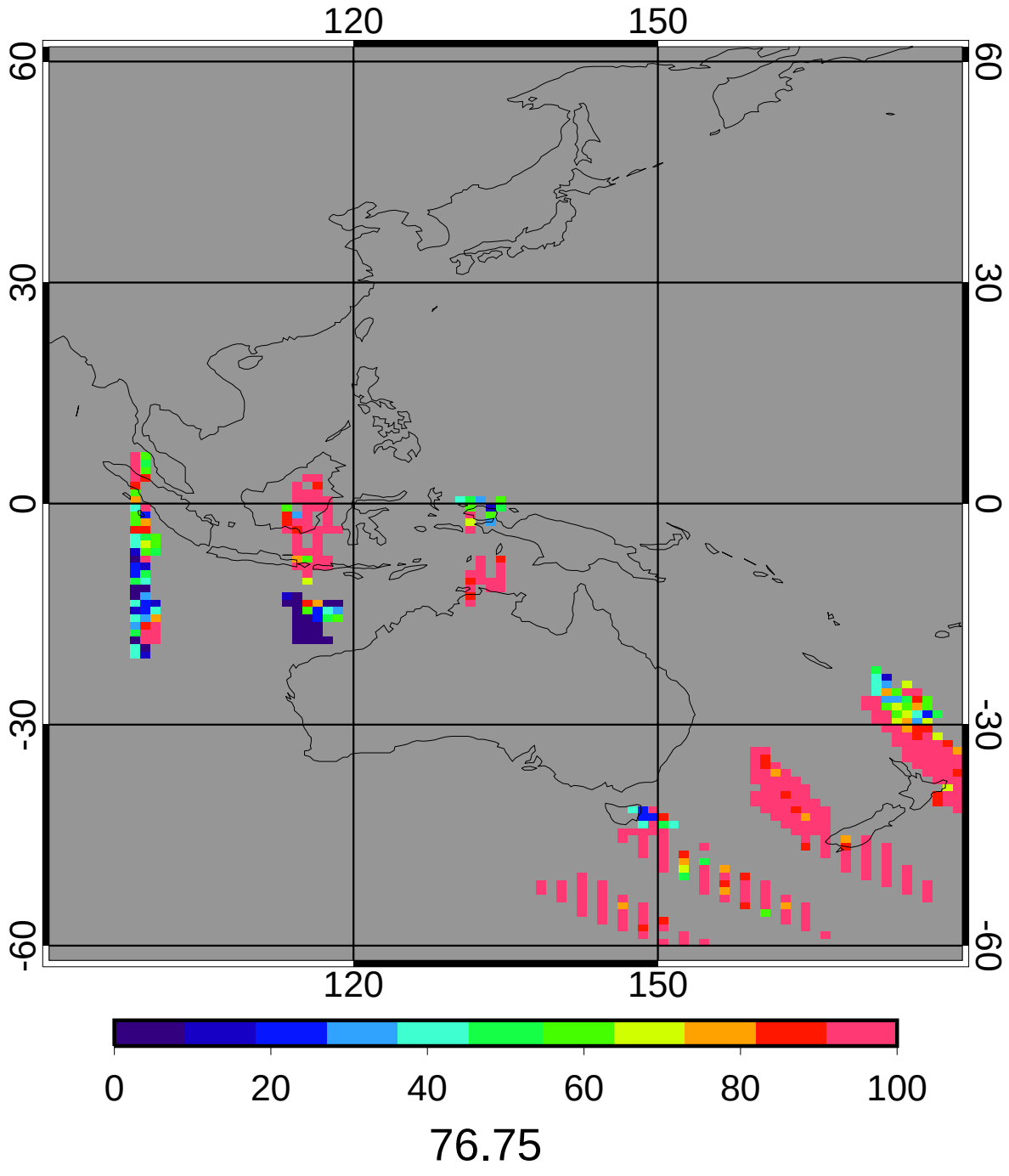
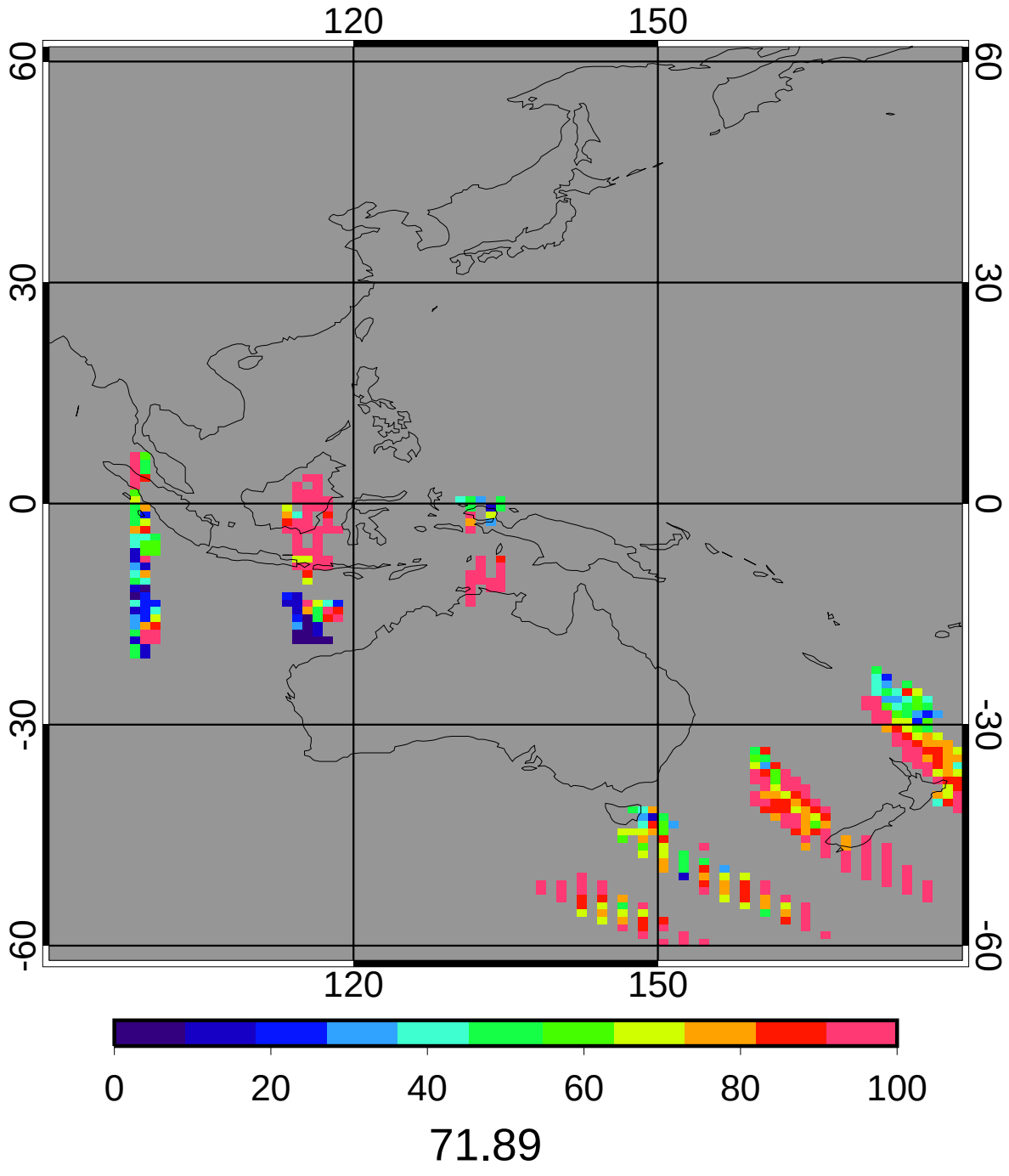
GGEO MEAN Daytime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



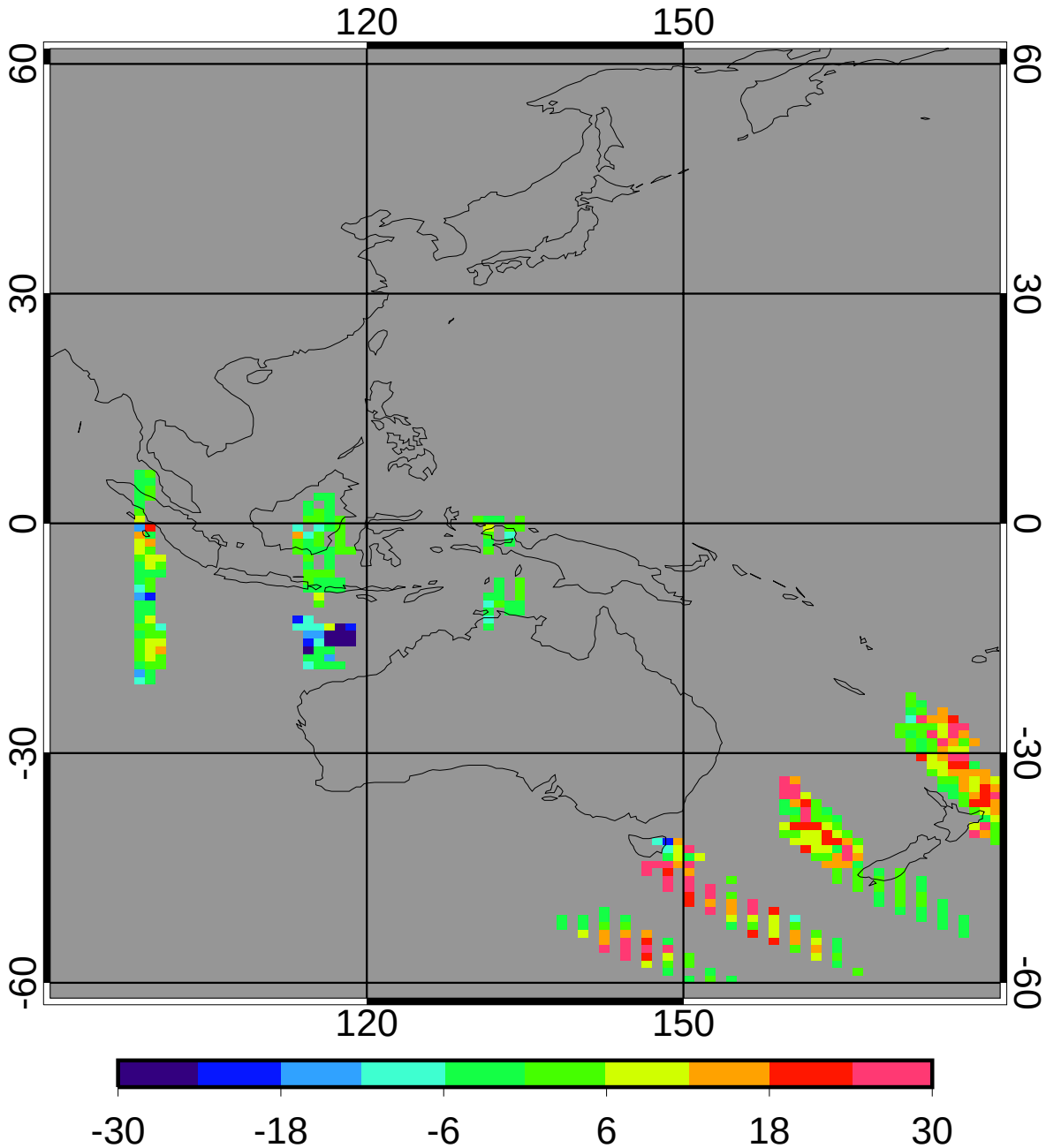
CERES/Aqua MEAN Daytime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Amount (%) Bias

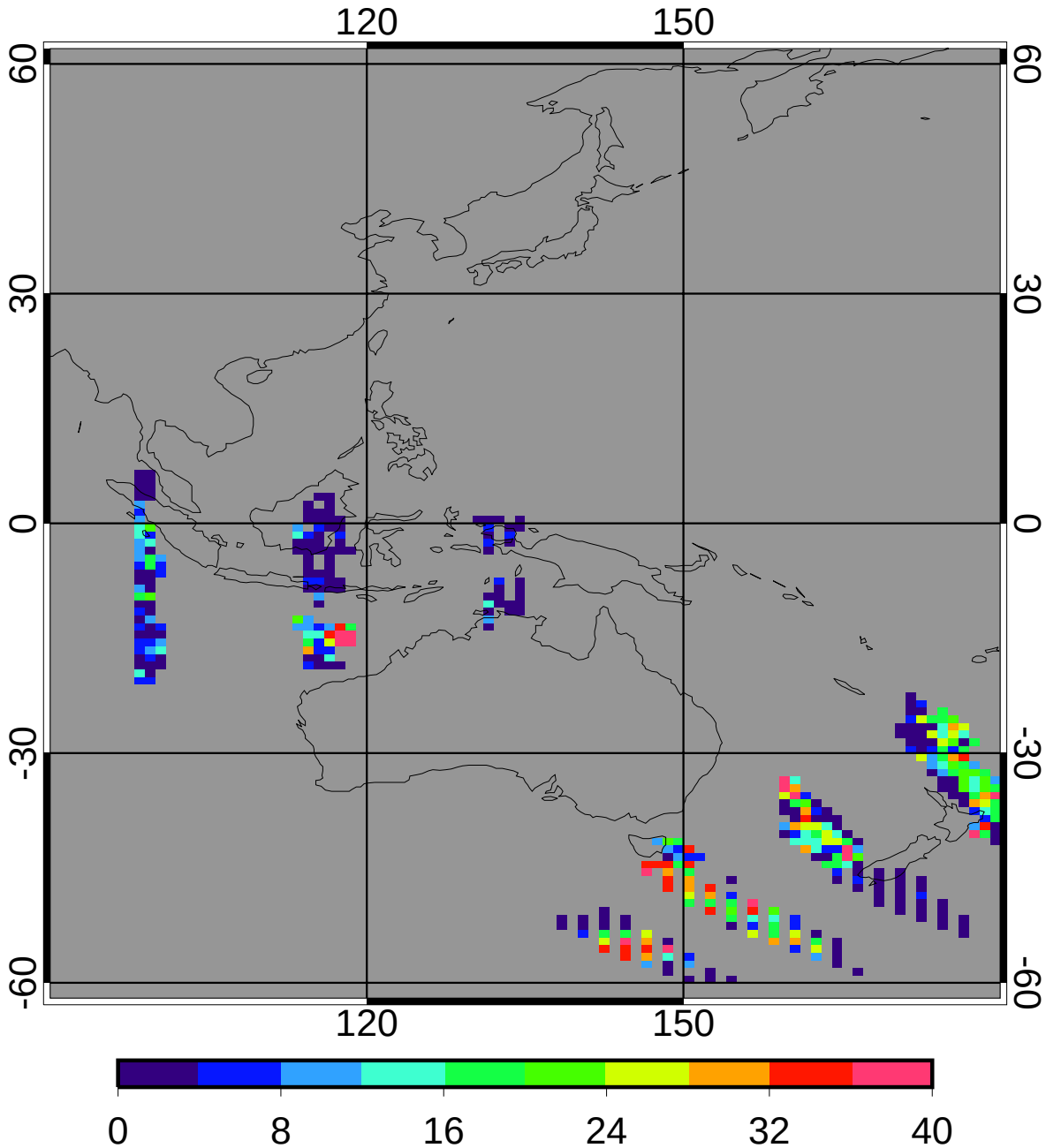
5ch_V01 Jan 2010 (matched angle)



bias	4.86	6.77%
domain sigma	10.90	15.16%

GGEO - CERES/Aqua Daytime Cloud Amount (%) RMS

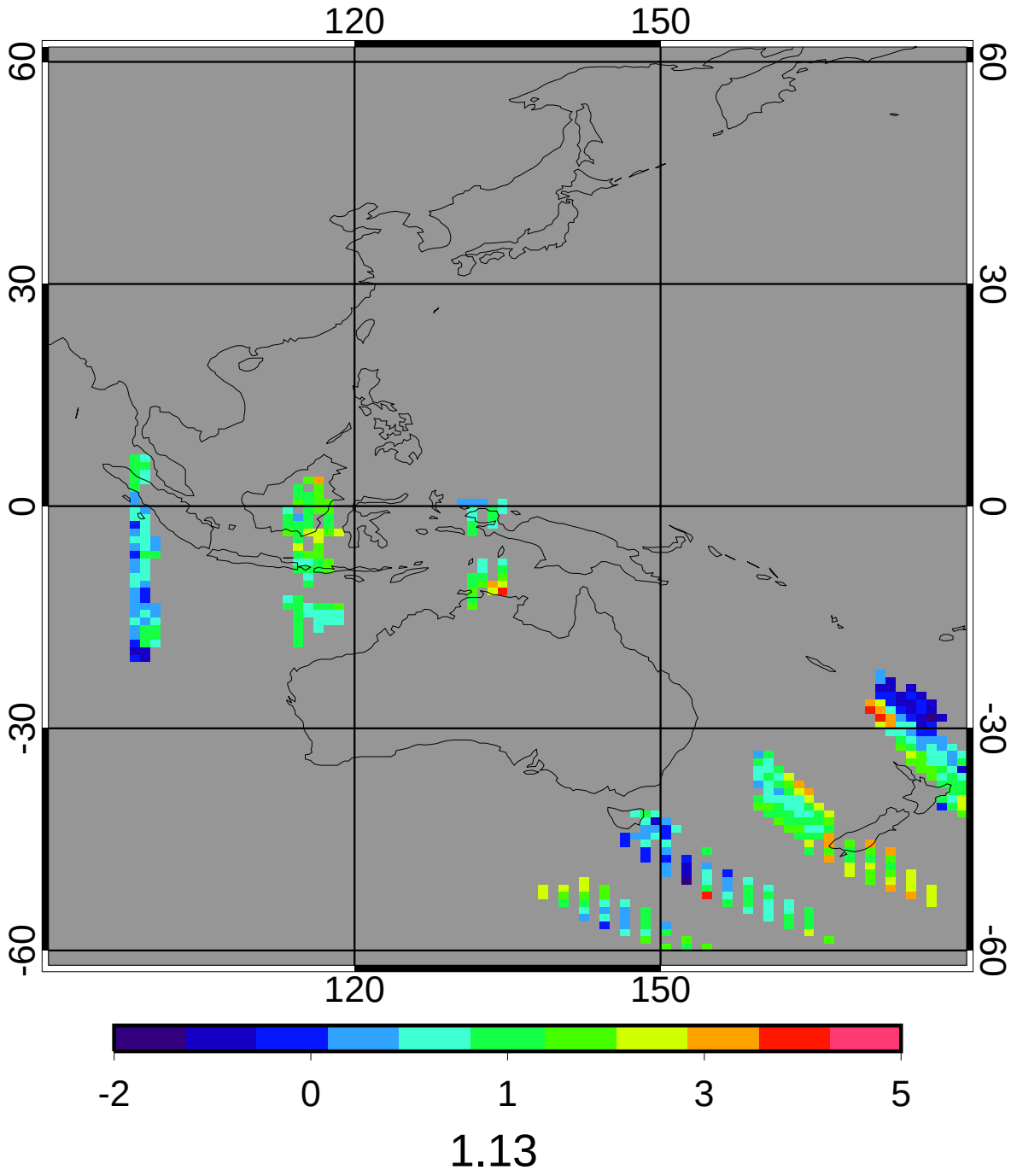
5ch_V01 Jan 2010 (matched angle)



regave rms	10.49	14.60%
domain rms	15.04	20.93%

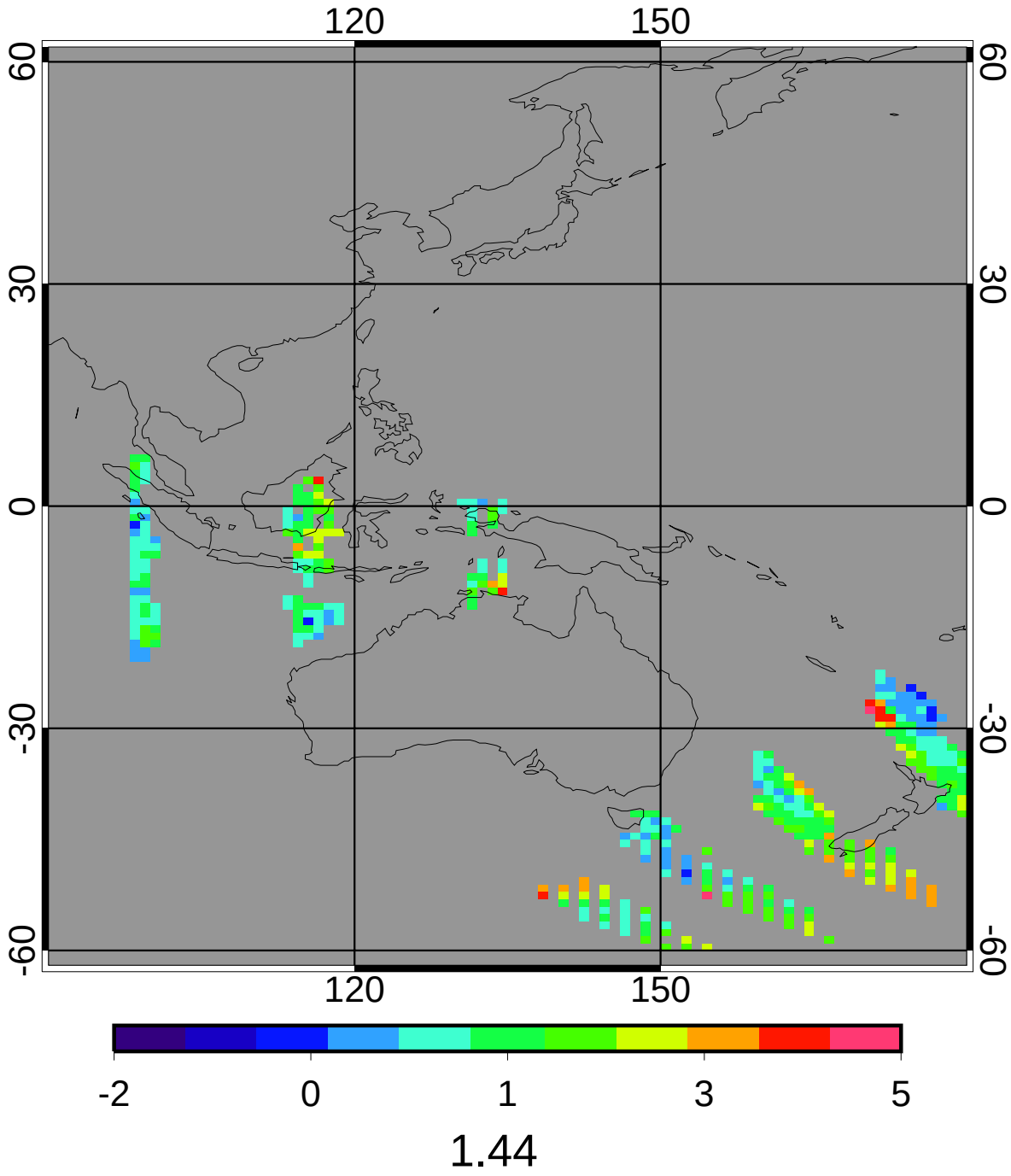
GGEO MEAN Daytime Log Optical Depth

5ch_V01 Jan 2010 (matched angle)



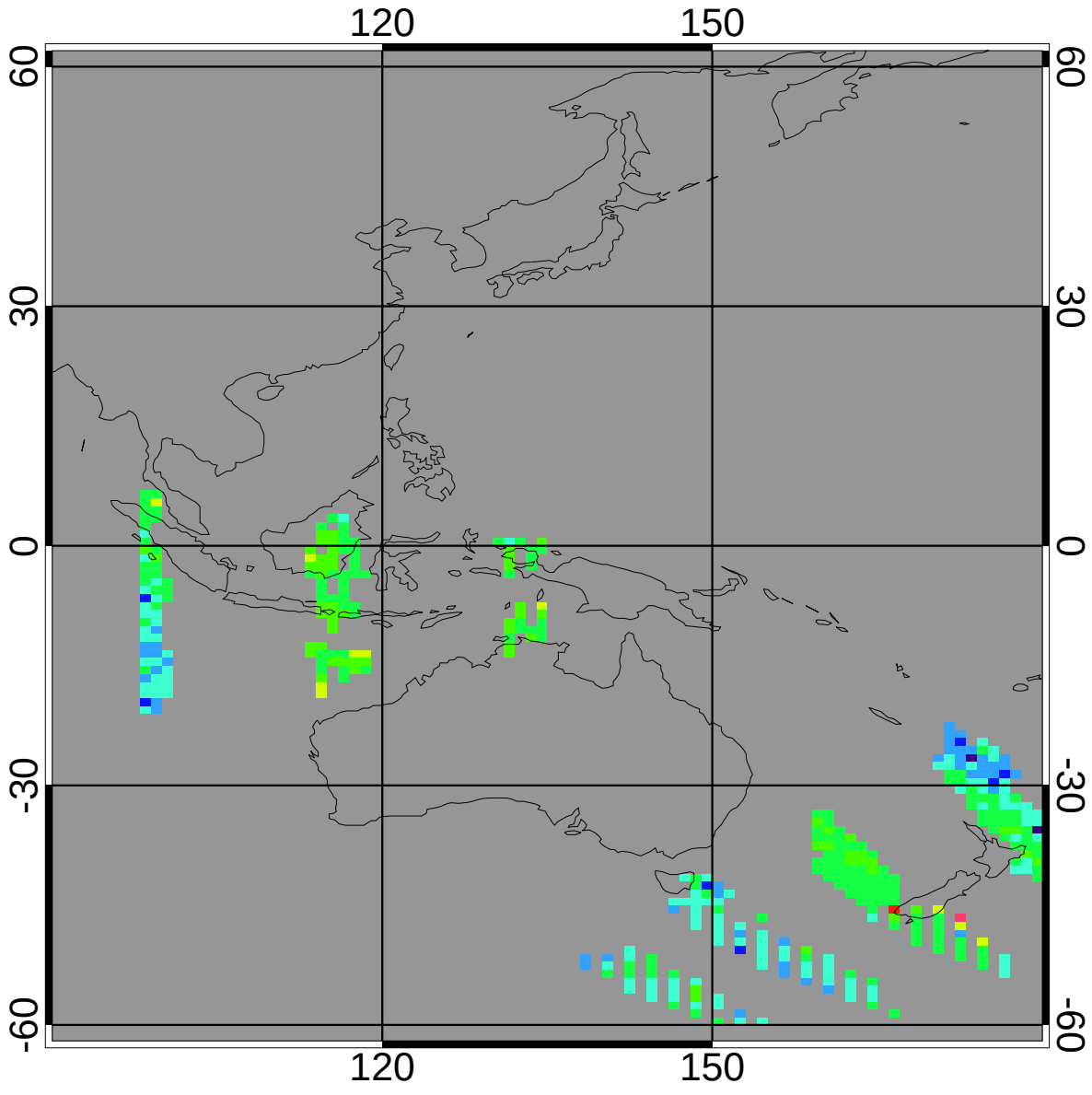
CERES/Aqua MEAN Daytime Log Optical Depth

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Log Optical Depth Bias

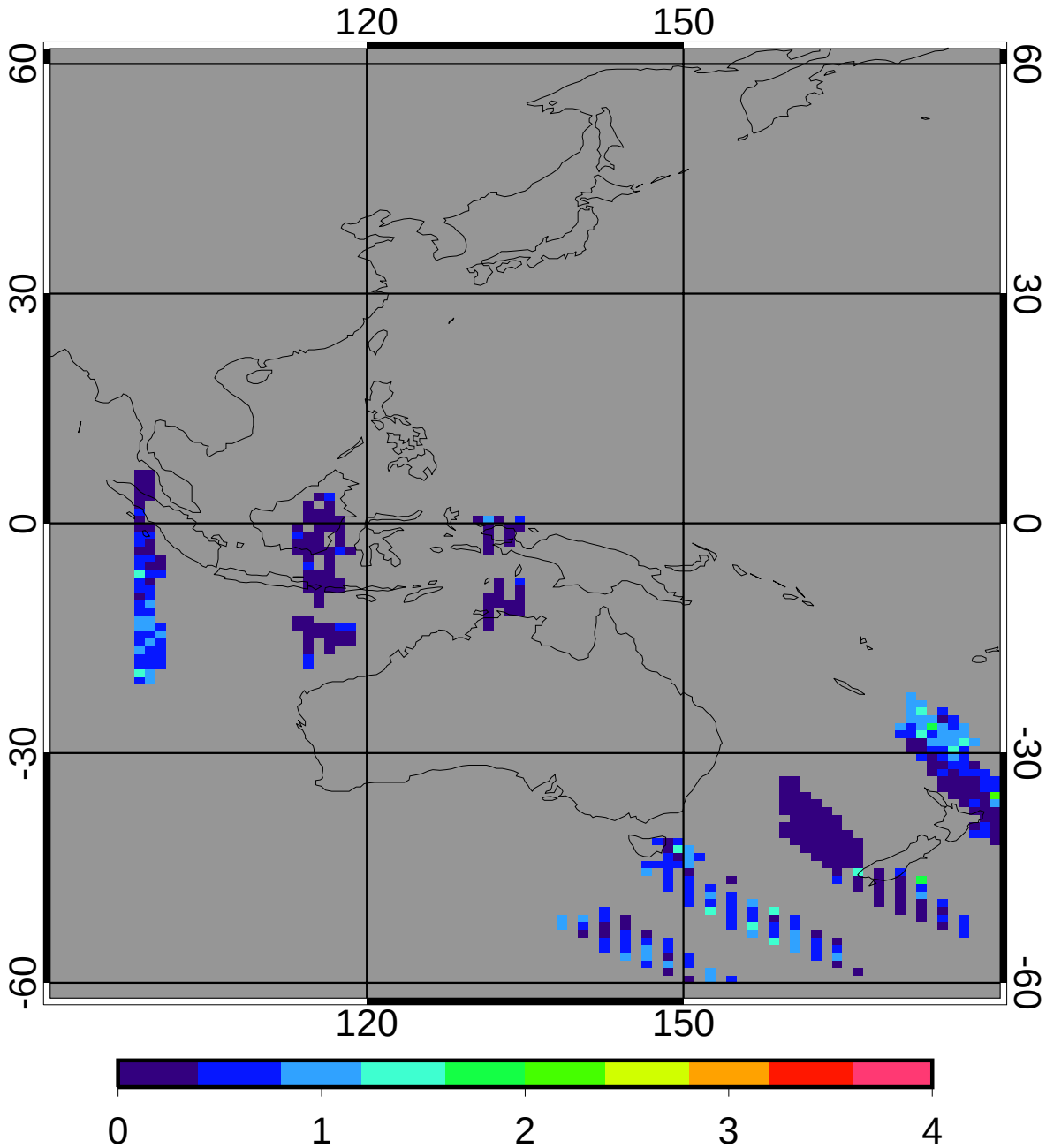
5ch_V01 Jan 2010 (matched angle)



bias	-0.31	-21.17%
domain sigma	0.35	24.29%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

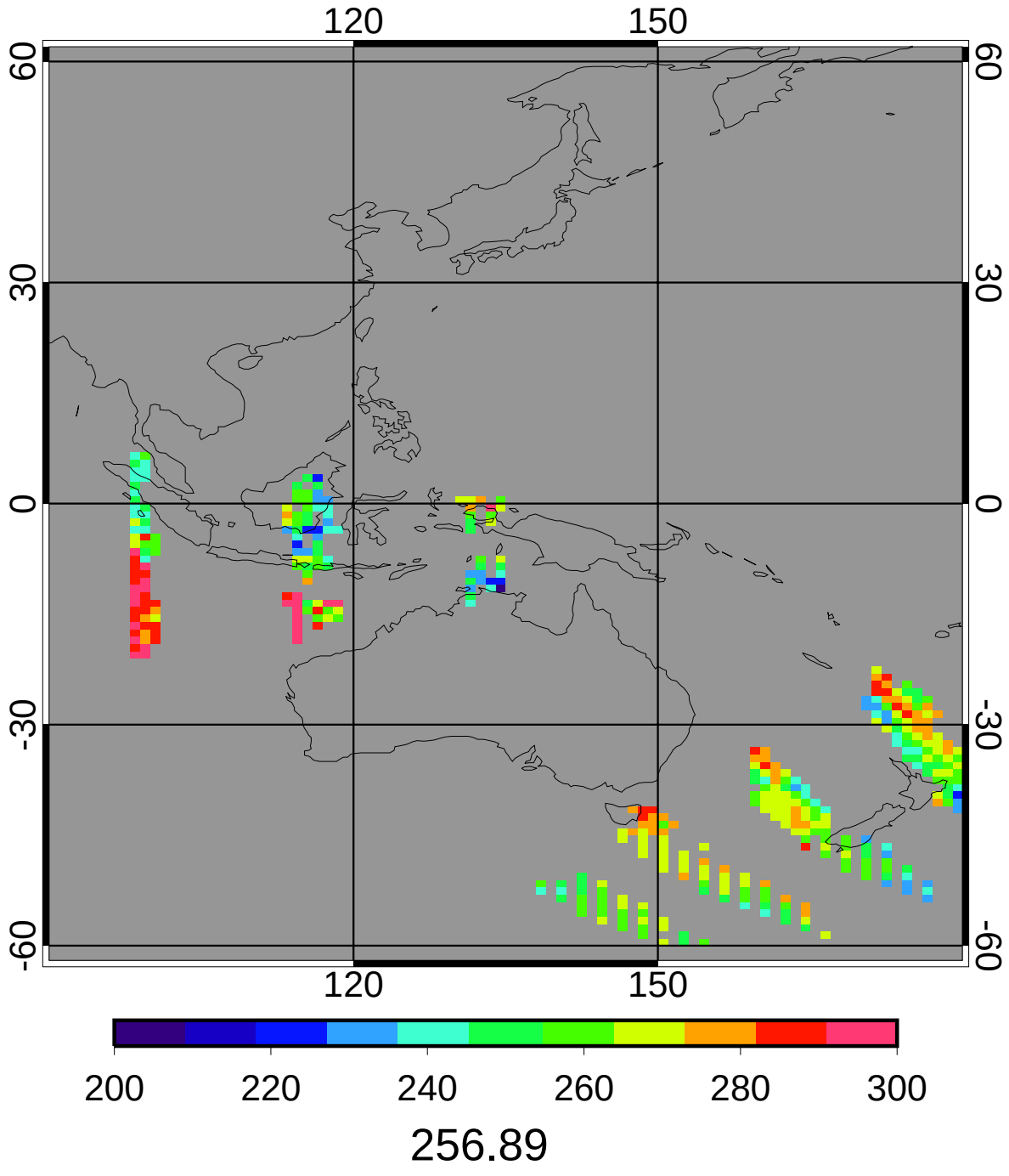
5ch_V01 Jan 2010 (matched angle)



regave rms	0.44	30.35%
domain rms	0.49	33.93%

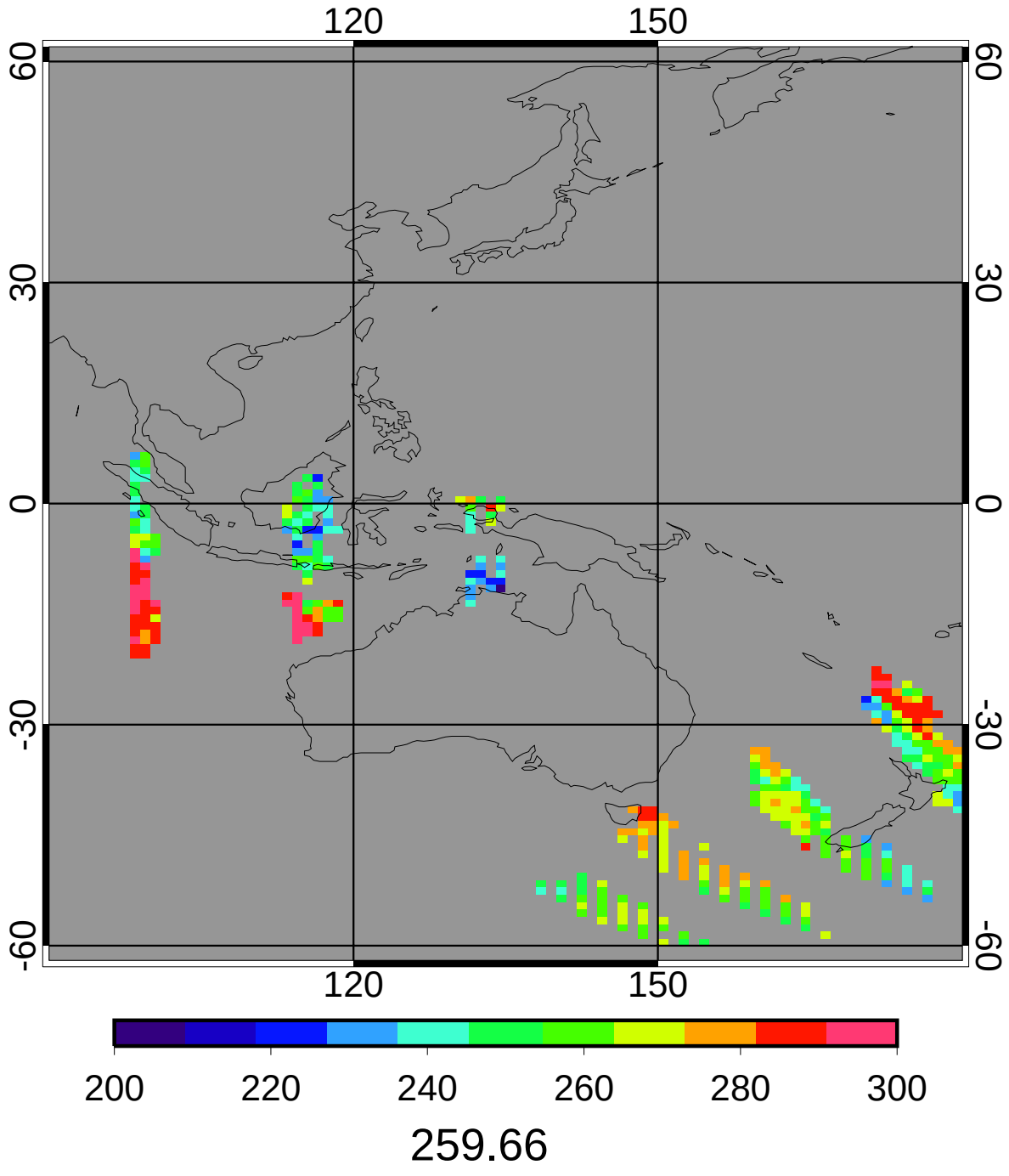
GGEO MEAN Daytime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



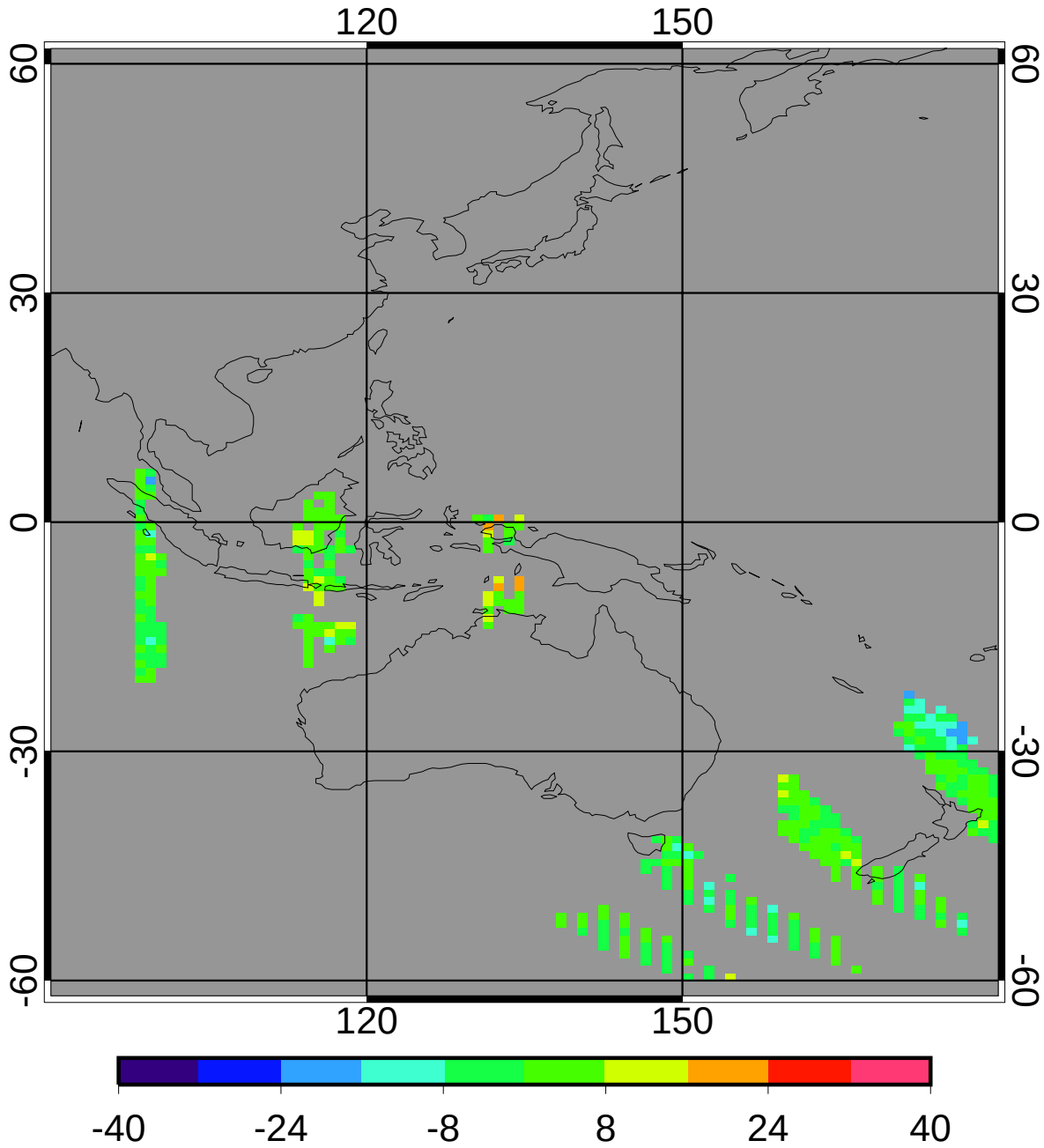
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Temperature (K) Bias

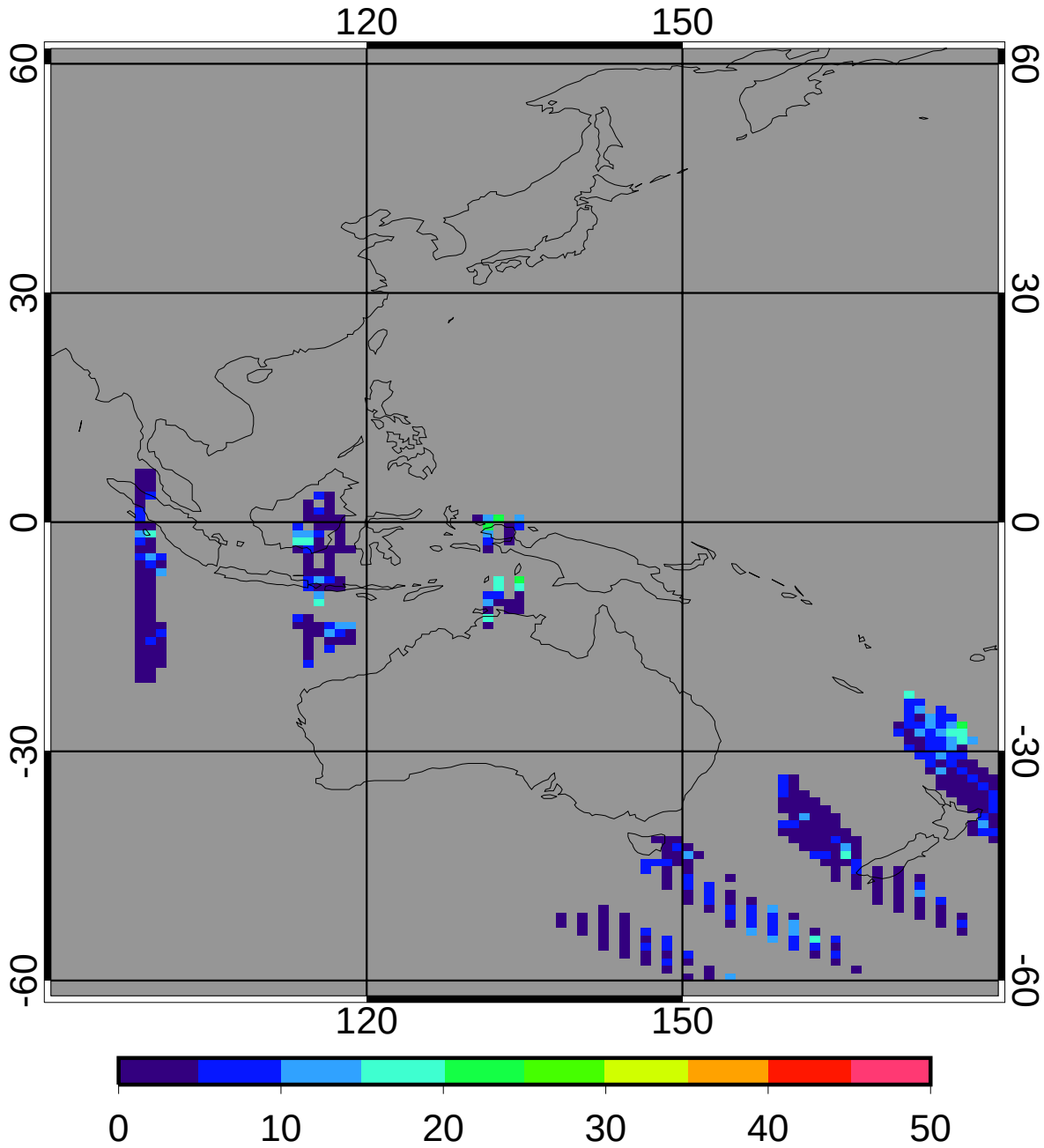
5ch_V01 Jan 2010 (matched angle)



bias	0.37	0.14%
domain sigma	5.17	1.99%

GGEO - CERES/Aqua Daytime Cloud Temperature (K) RMS

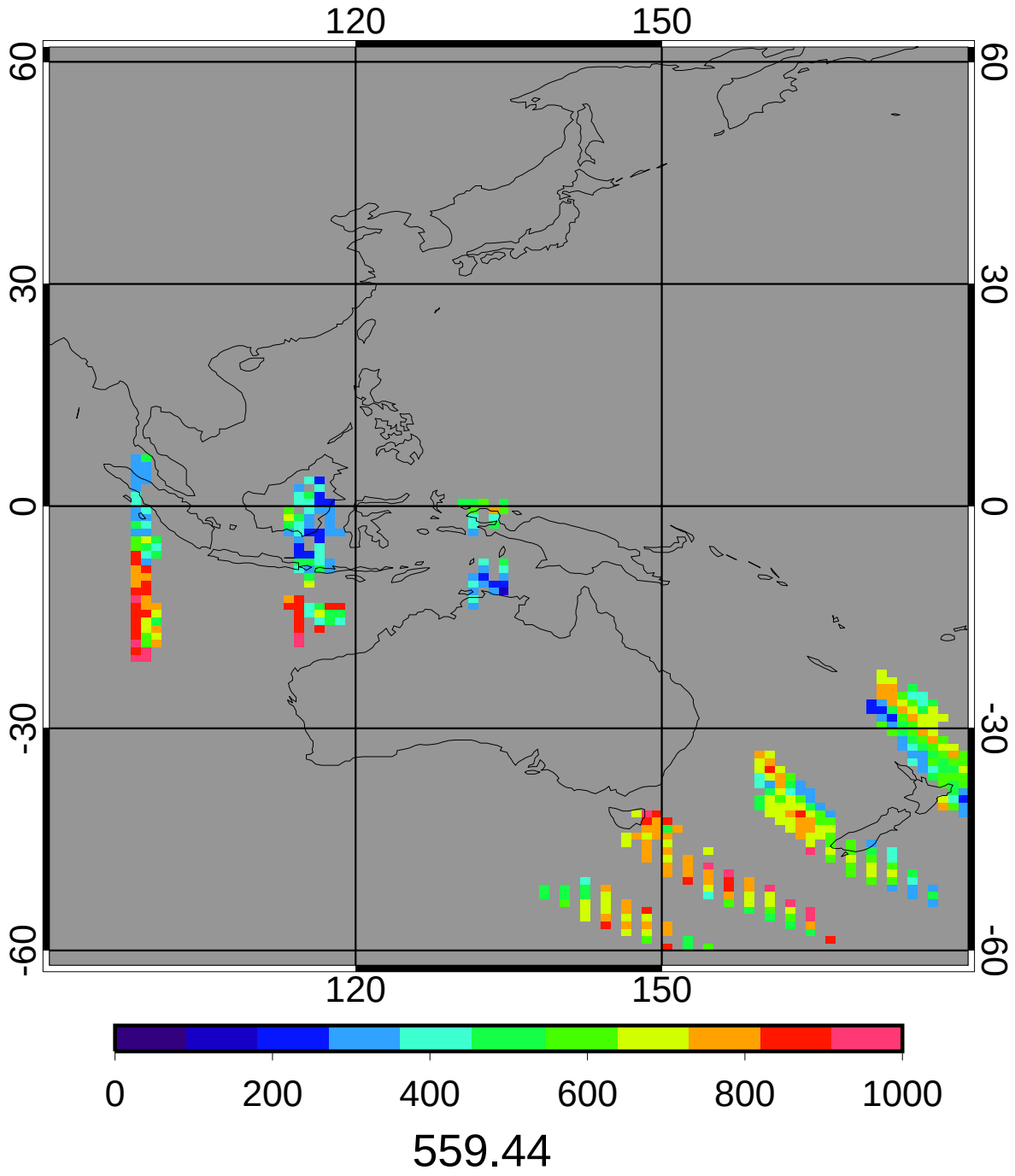
5ch_V01 Jan 2010 (matched angle)



regave rms	4.82	1.86%
domain rms	6.17	2.38%

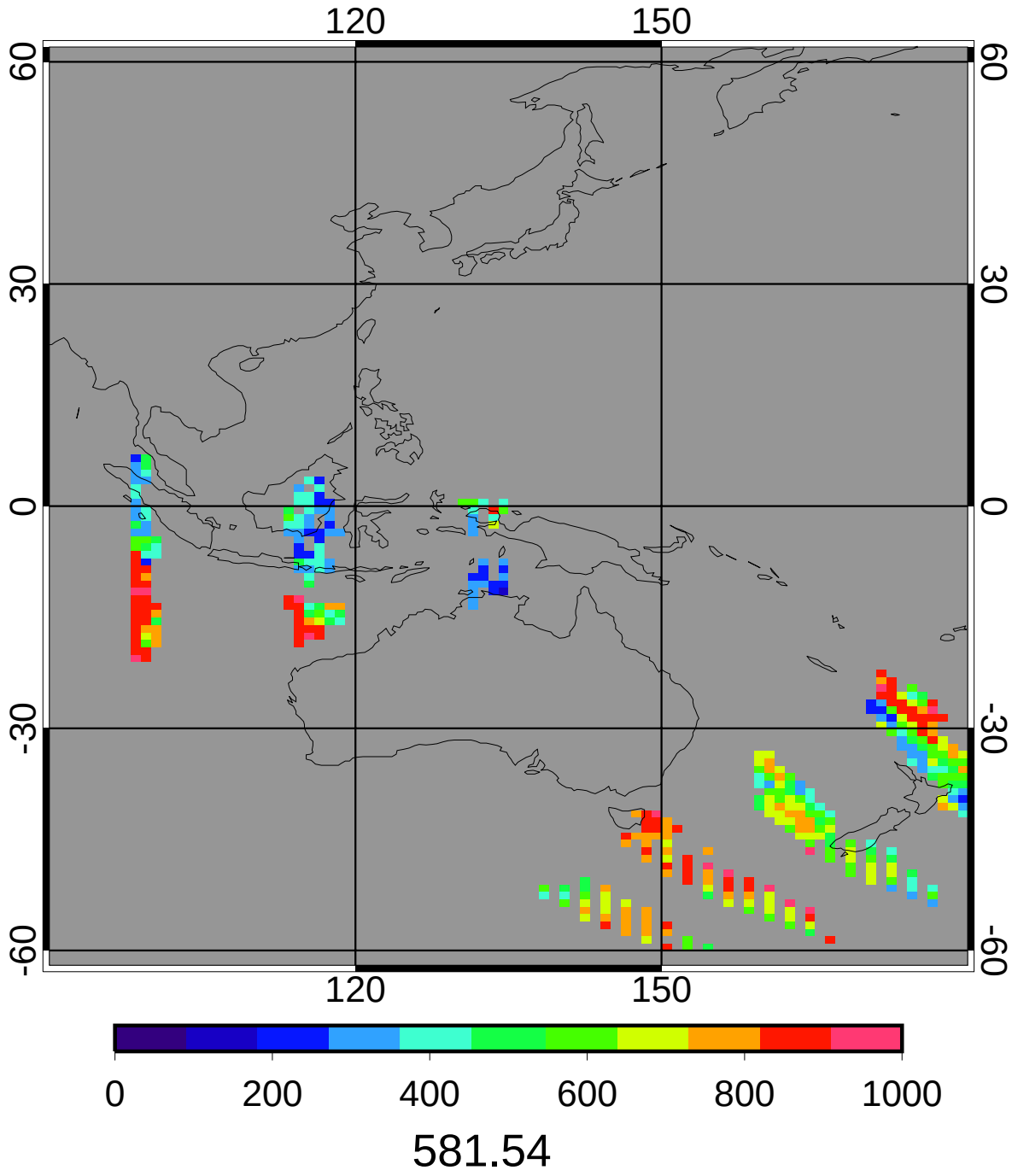
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



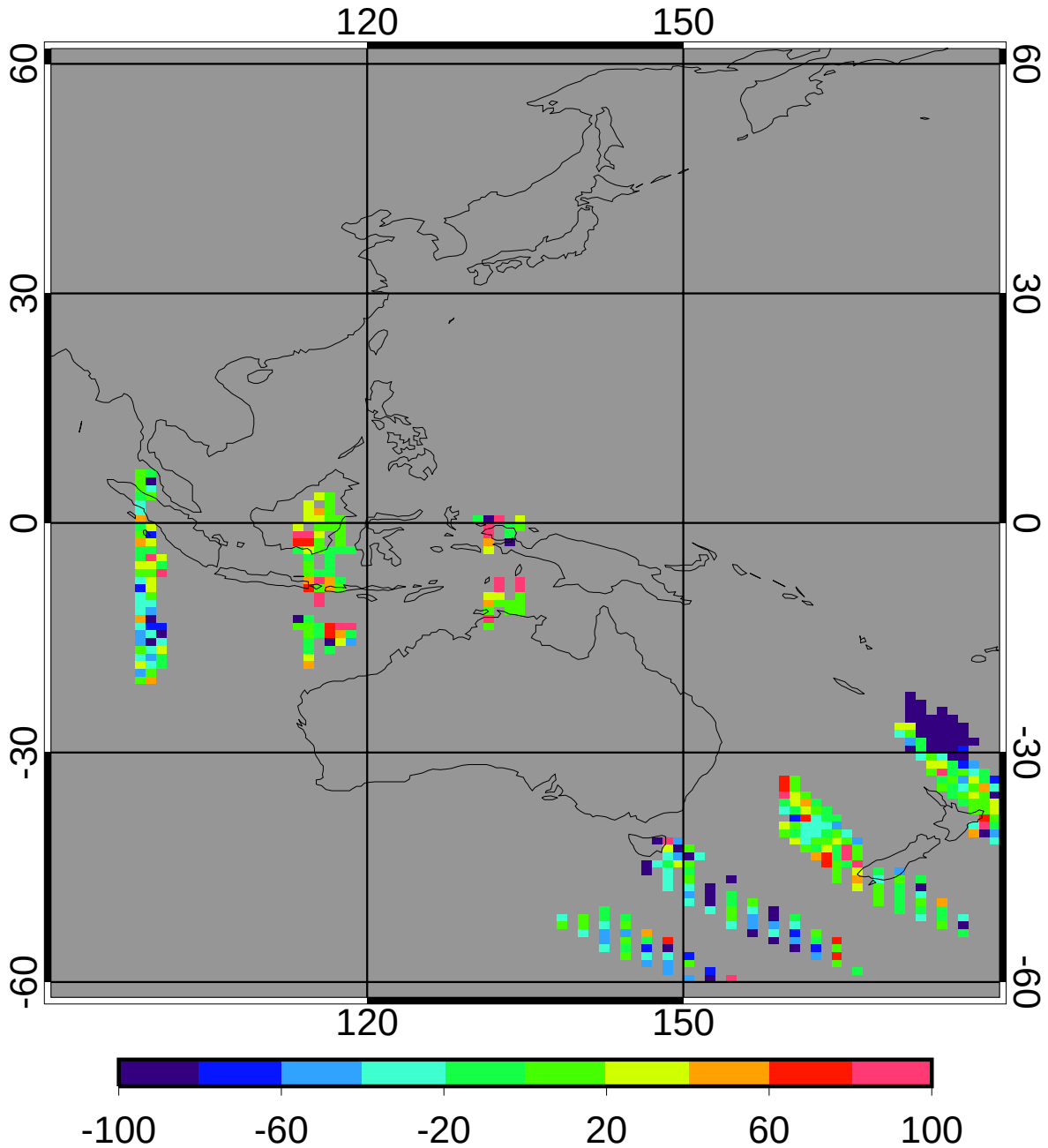
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Eff Pressure (mb) Bias

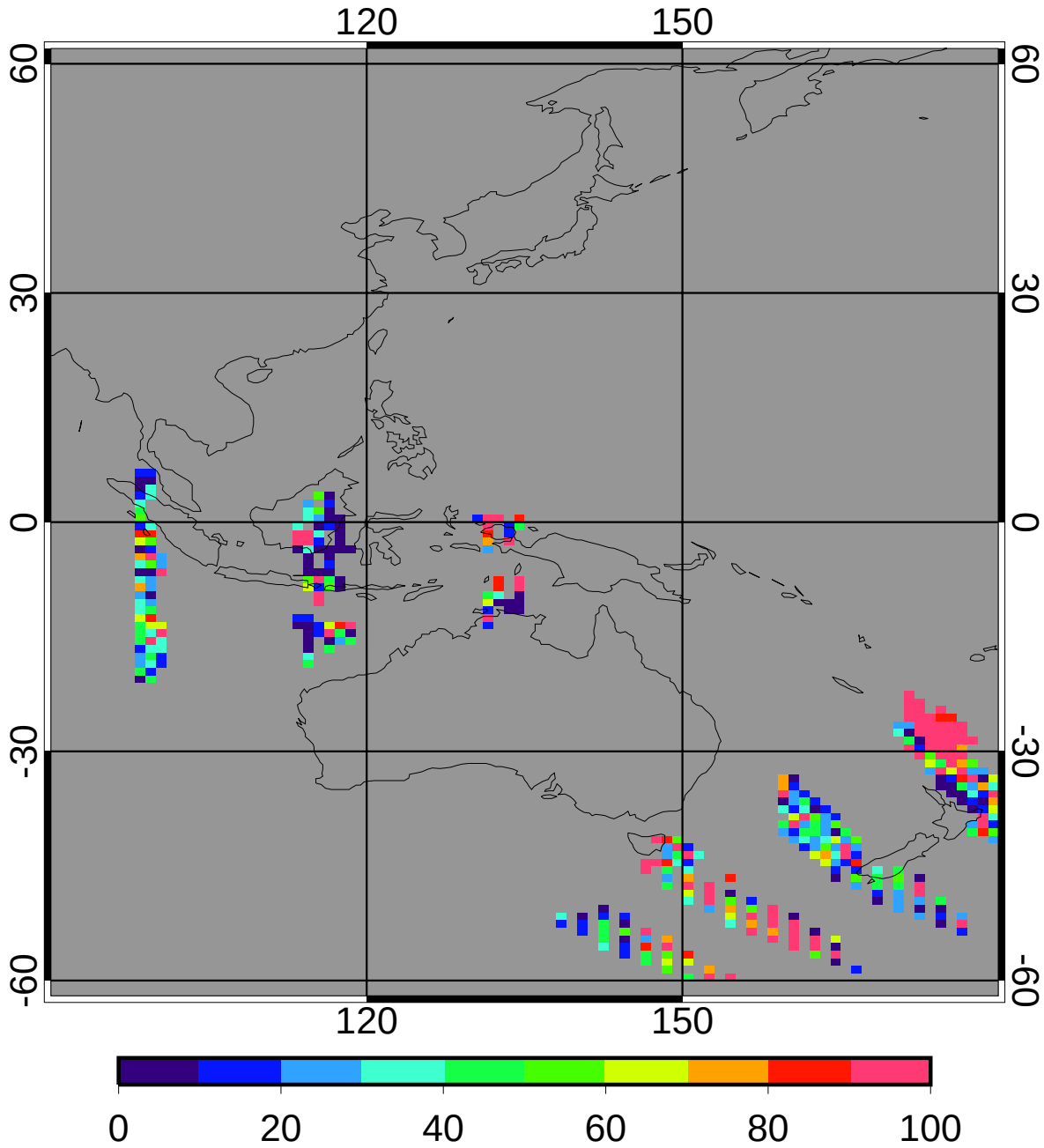
5ch_V01 Jan 2010 (matched angle)



bias	-12.83	-2.21%
domain sigma	57.42	9.87%

GGEO - CERES/Aqua Daytime Cloud Eff Pressure (mb) RMS

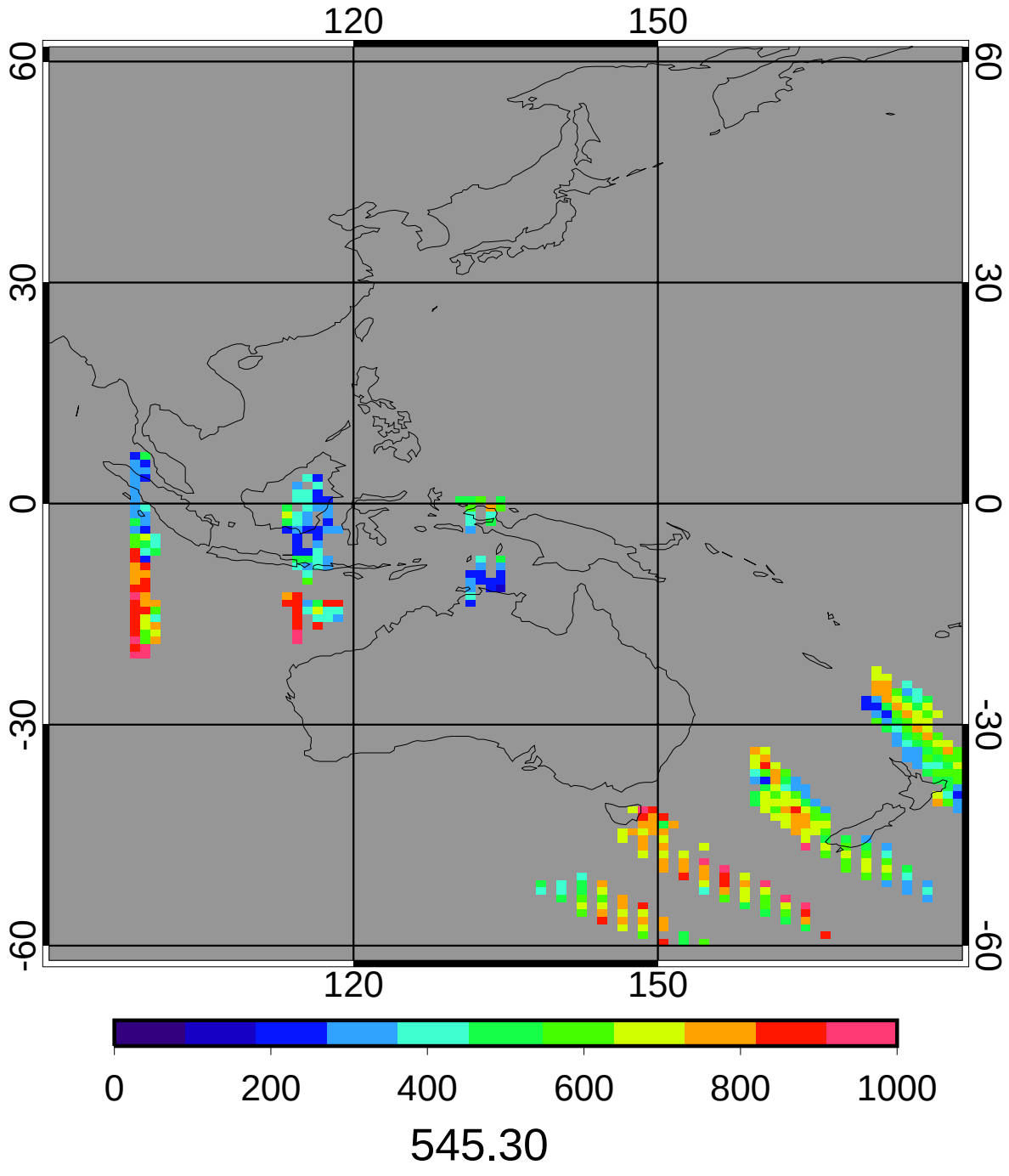
5ch_V01 Jan 2010 (matched angle)



regave rms	54.72	9.41%
domain rms	70.65	12.15%

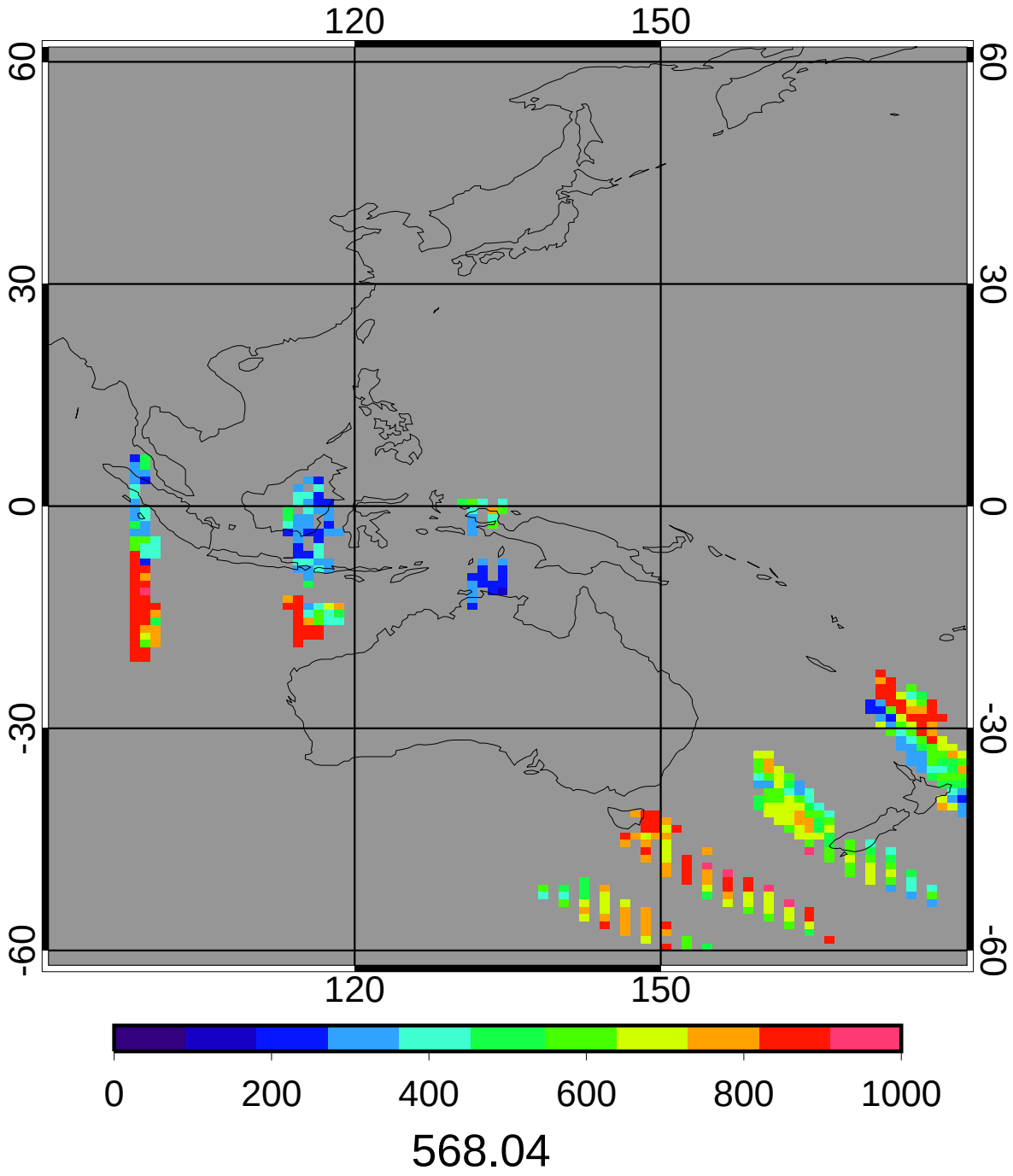
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



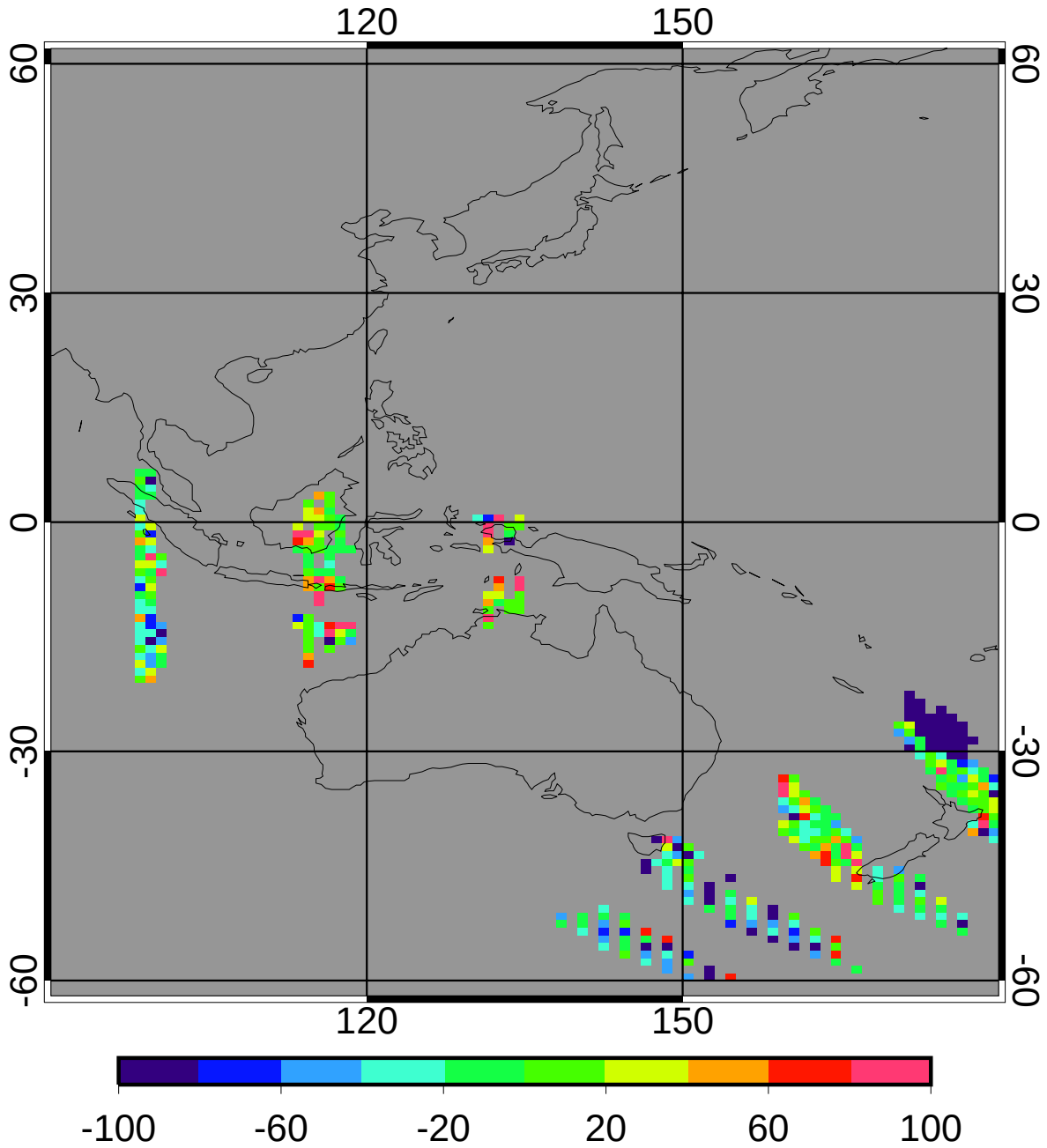
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Top Pressure (mb) Bias

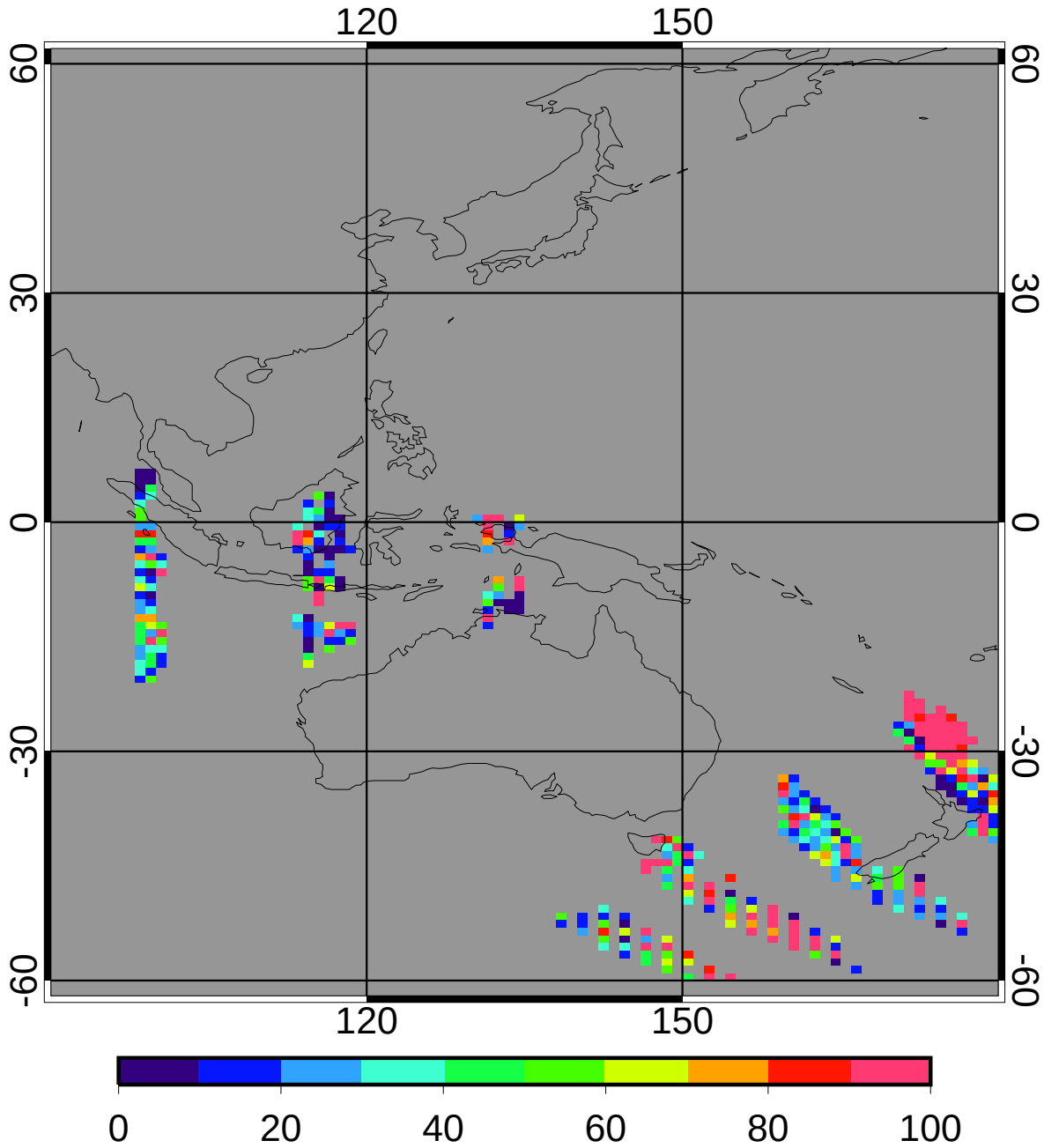
5ch_V01 Jan 2010 (matched angle)



bias	-13.63	-2.40%
domain sigma	58.11	10.23%

GGEO - CERES/Aqua Daytime Cloud Top Pressure (mb) RMS

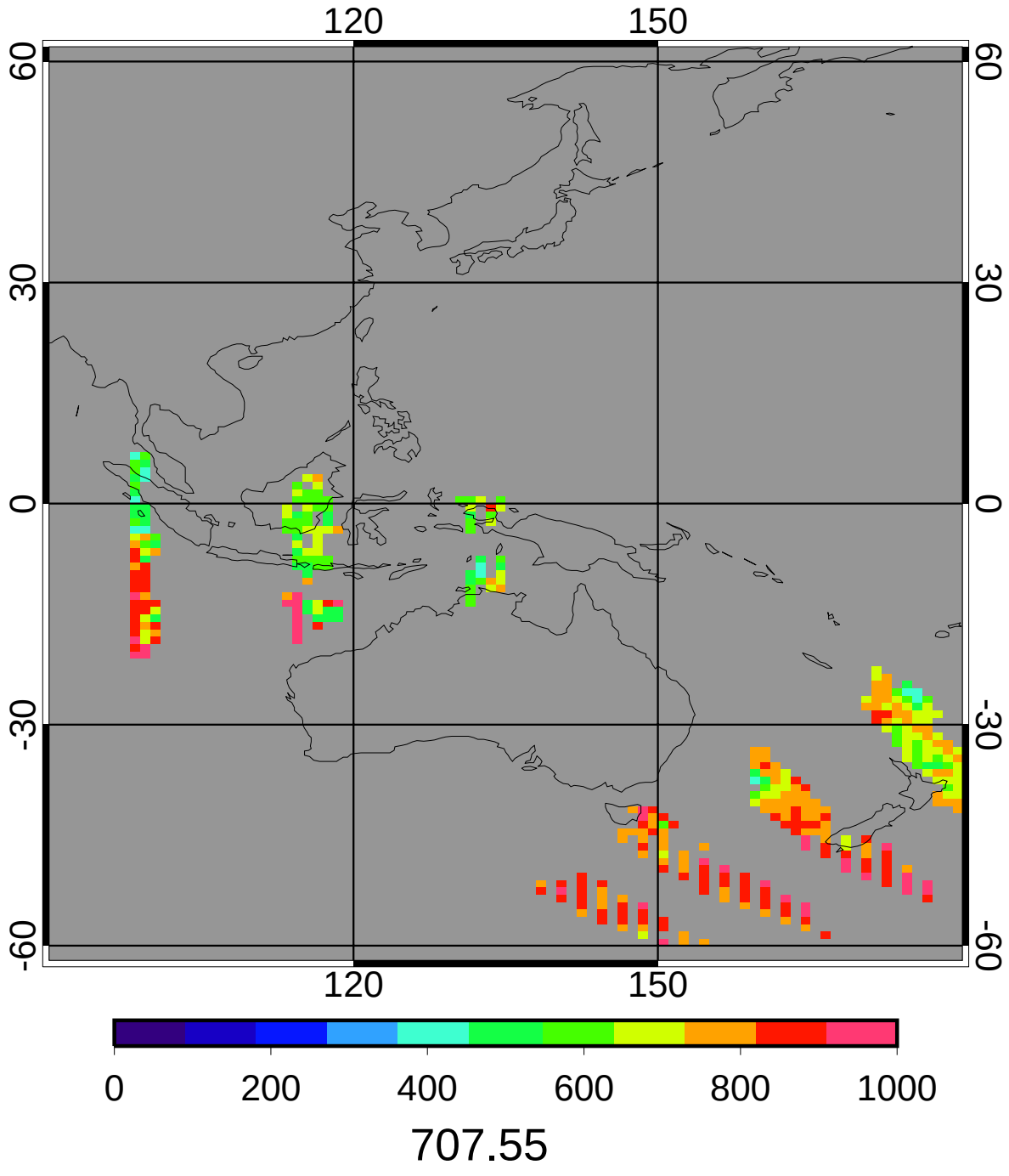
5ch_V01 Jan 2010 (matched angle)



regave rms	56.10	9.88%
domain rms	71.74	12.63%

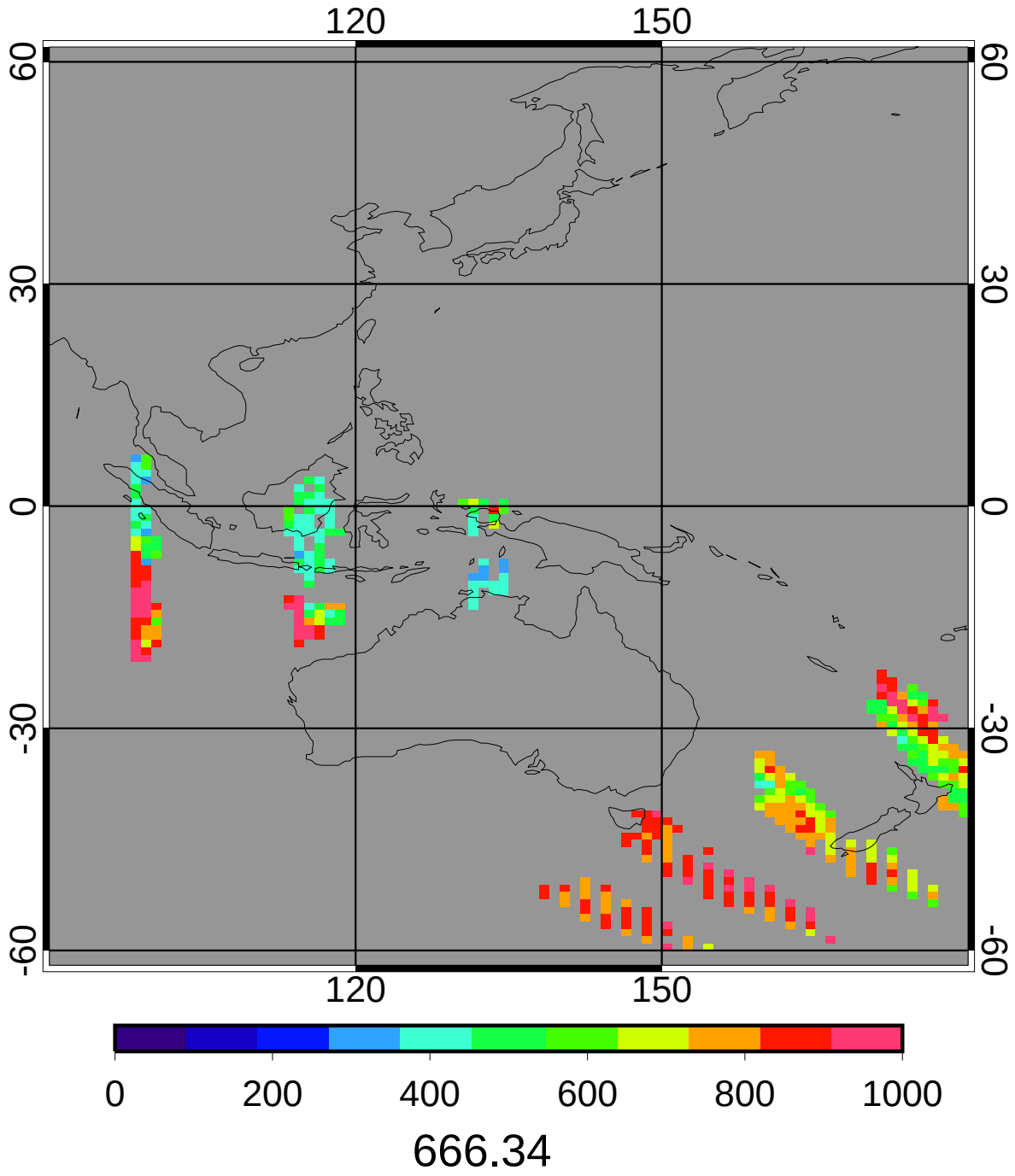
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



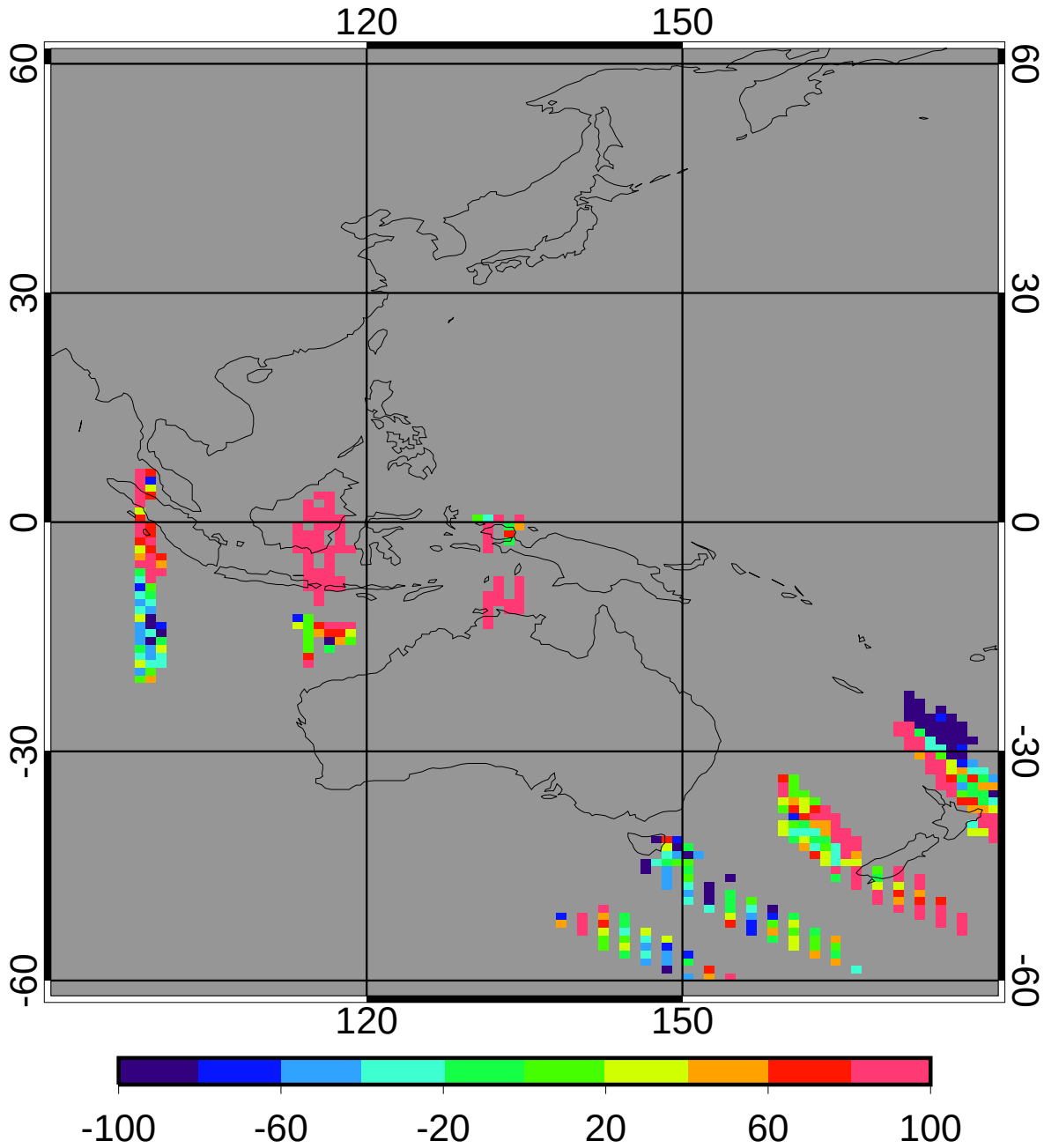
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Base Pressure (mb) Bias

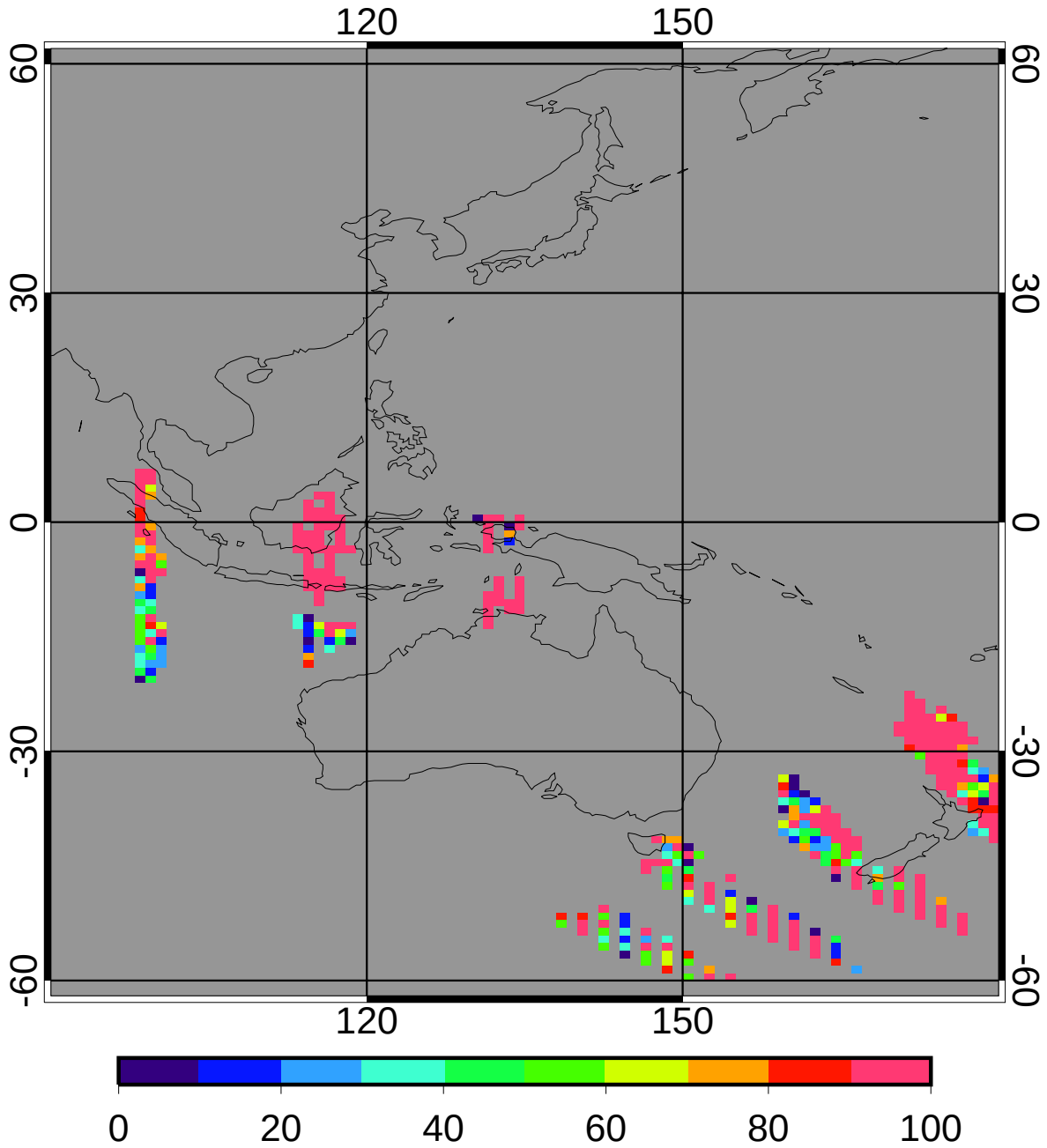
5ch_V01 Jan 2010 (matched angle)



bias	50.65	7.60%
domain sigma	101.83	15.28%

GGEO - CERES/Aqua Daytime Cloud Base Pressure (mb) RMS

5ch_V01 Jan 2010 (matched angle)

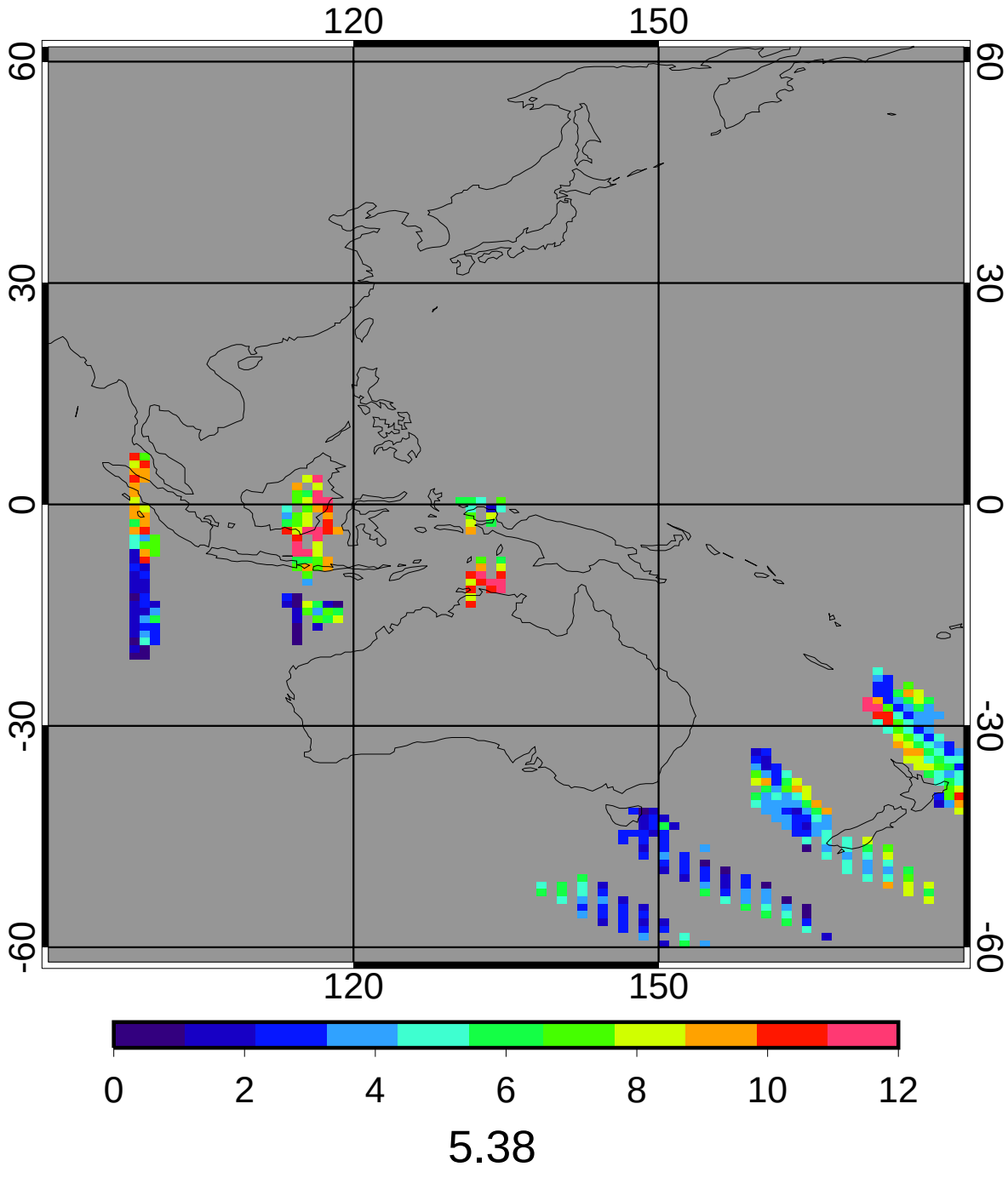


regave rms 114.57 17.19%

domain rms 122.11 18.33%

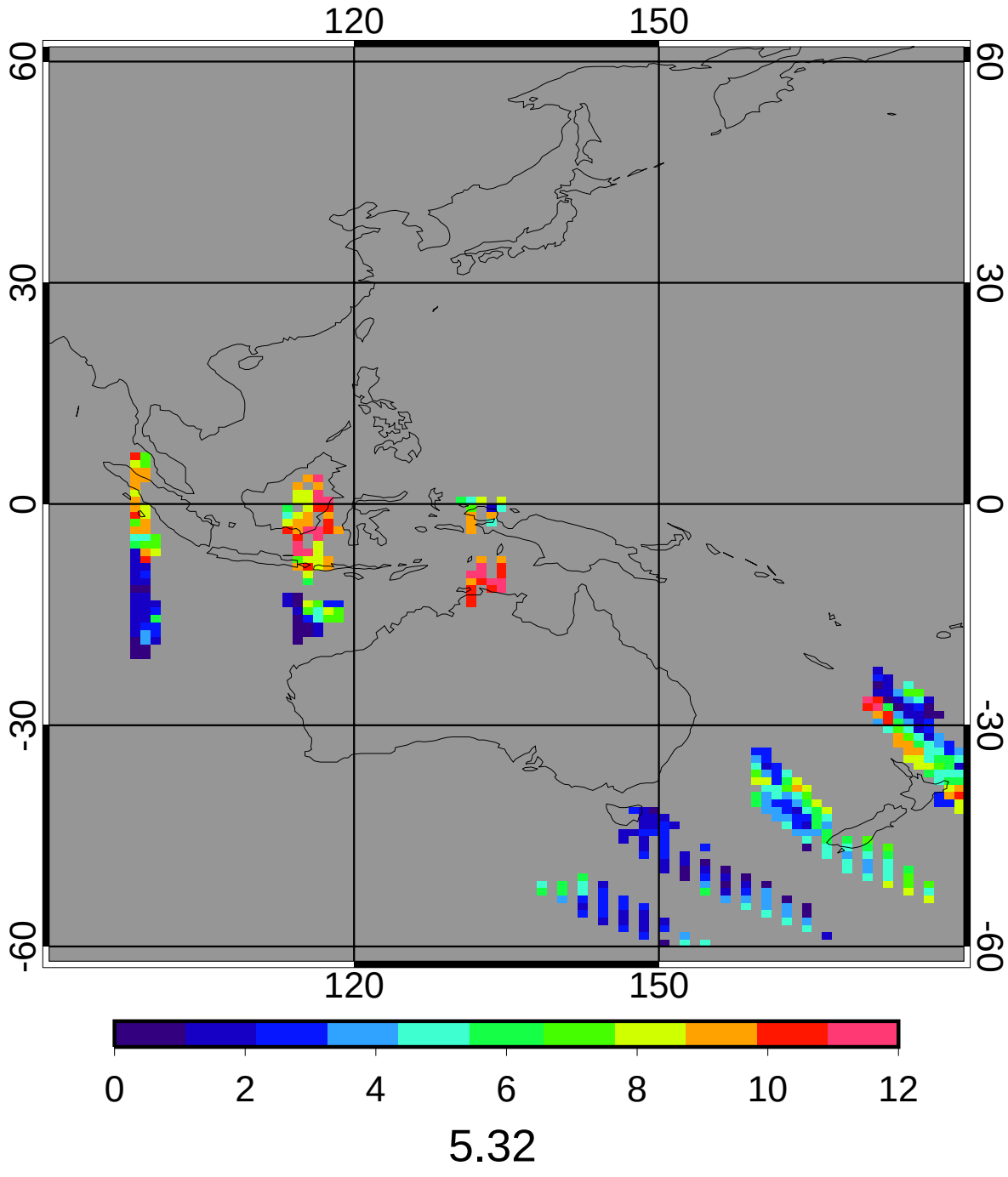
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



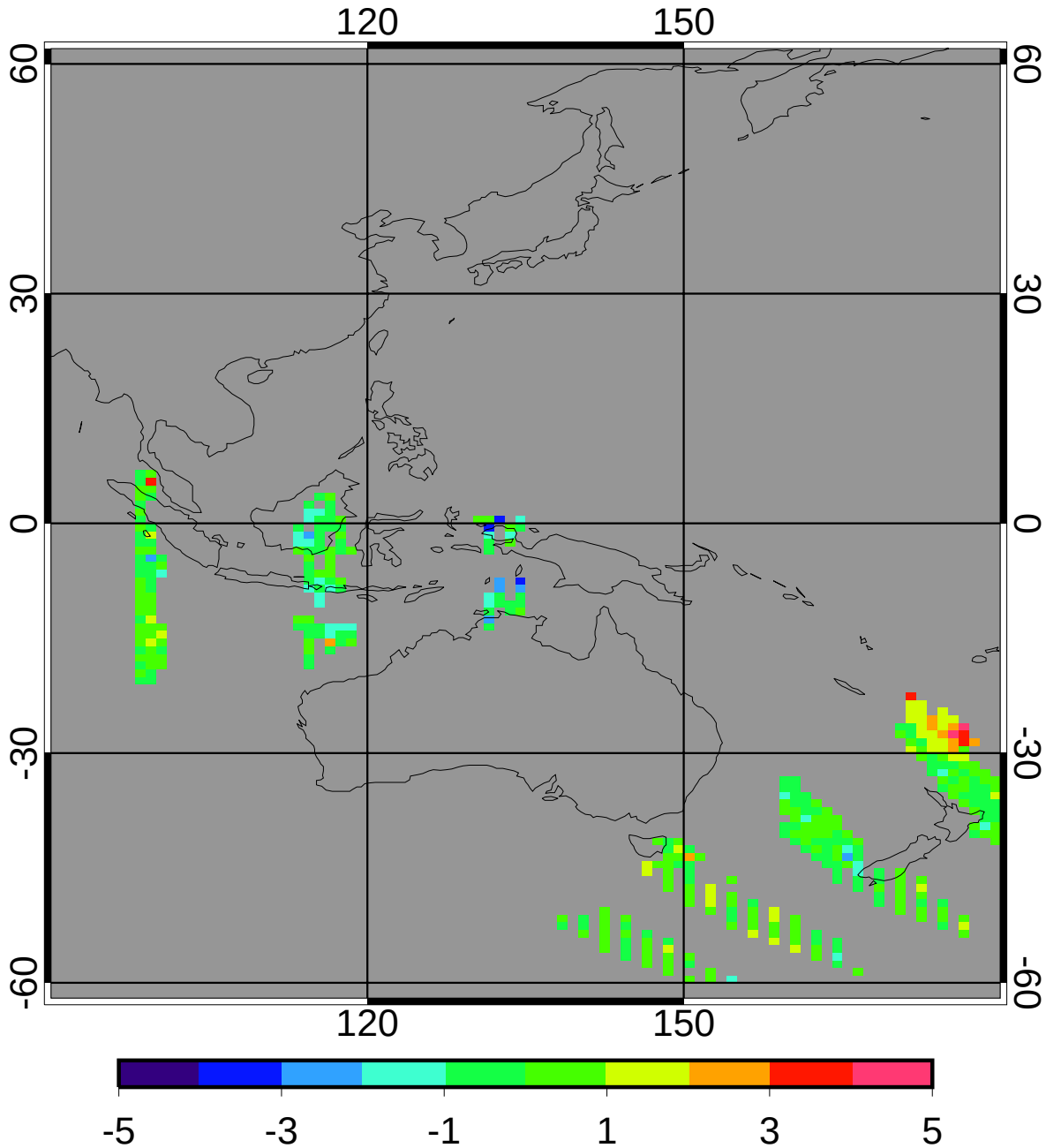
CERES/Aqua MEAN Daytime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Eff Height (km) Bias

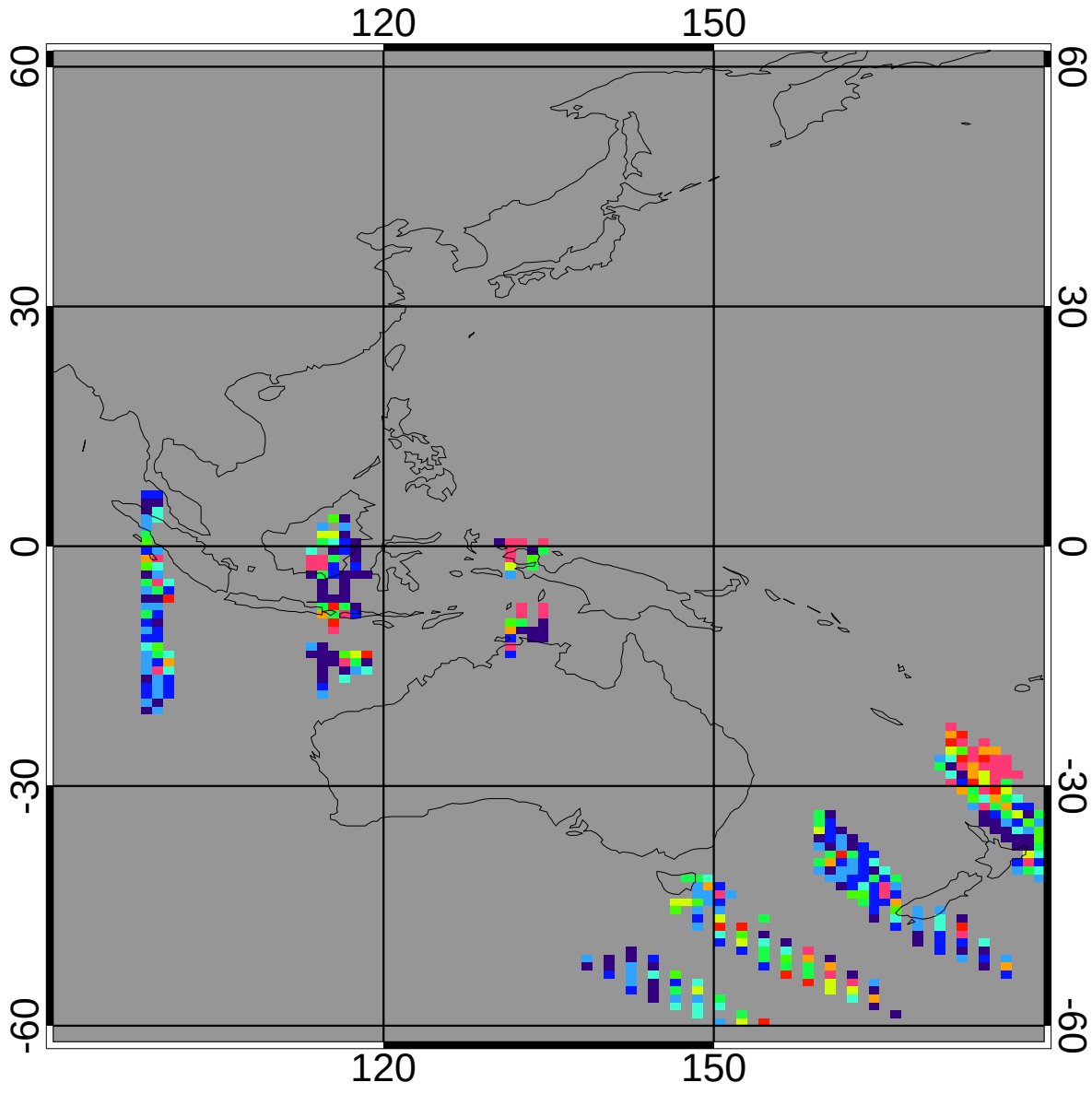
5ch_V01 Jan 2010 (matched angle)



bias	0.07	1.37%
domain sigma	0.87	16.35%

GGEO - CERES/Aqua Daytime Cloud Eff Height (km) RMS

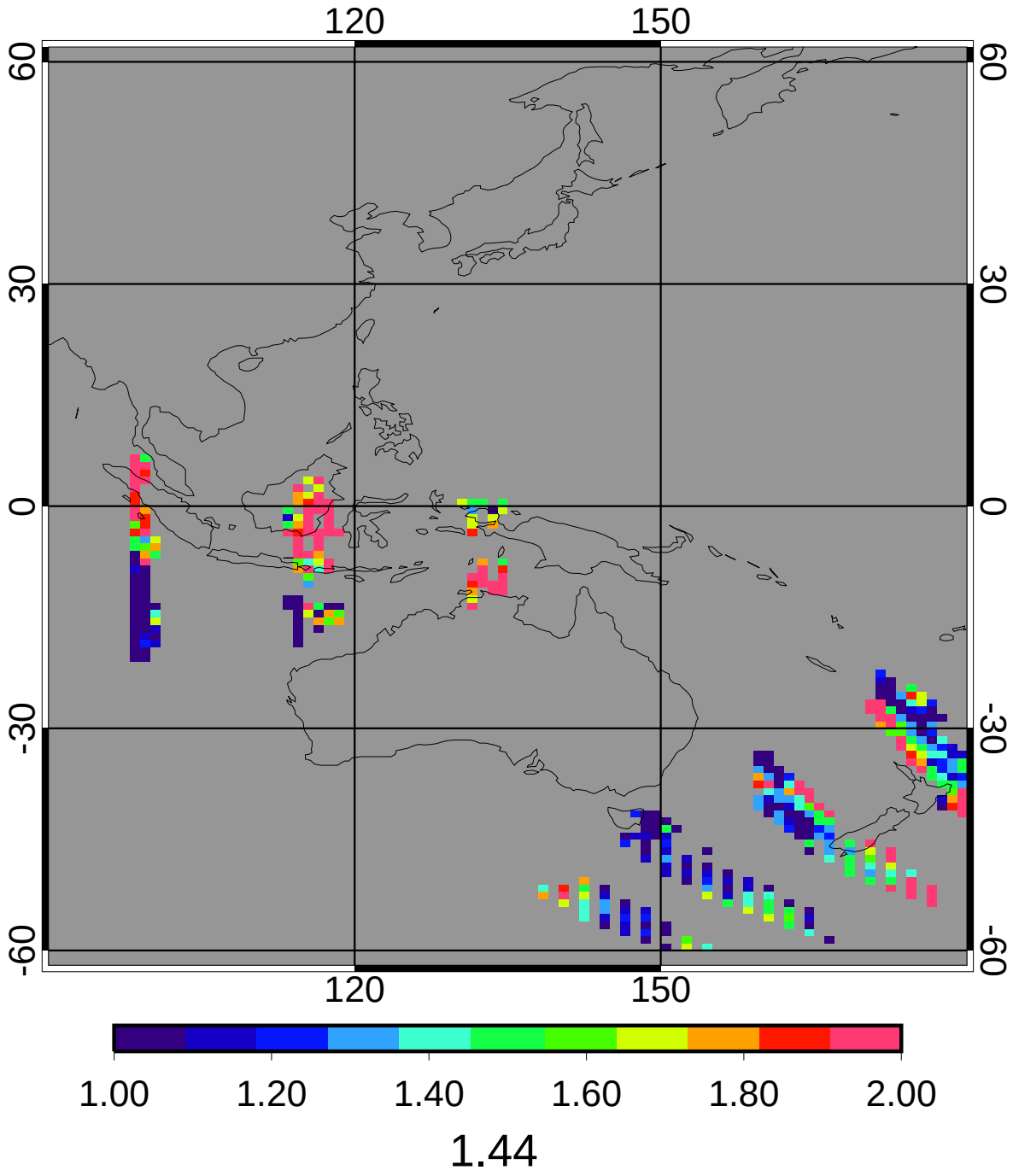
5ch_V01 Jan 2010 (matched angle)



regave rms	0.81	15.13%
domain rms	1.02	19.20%

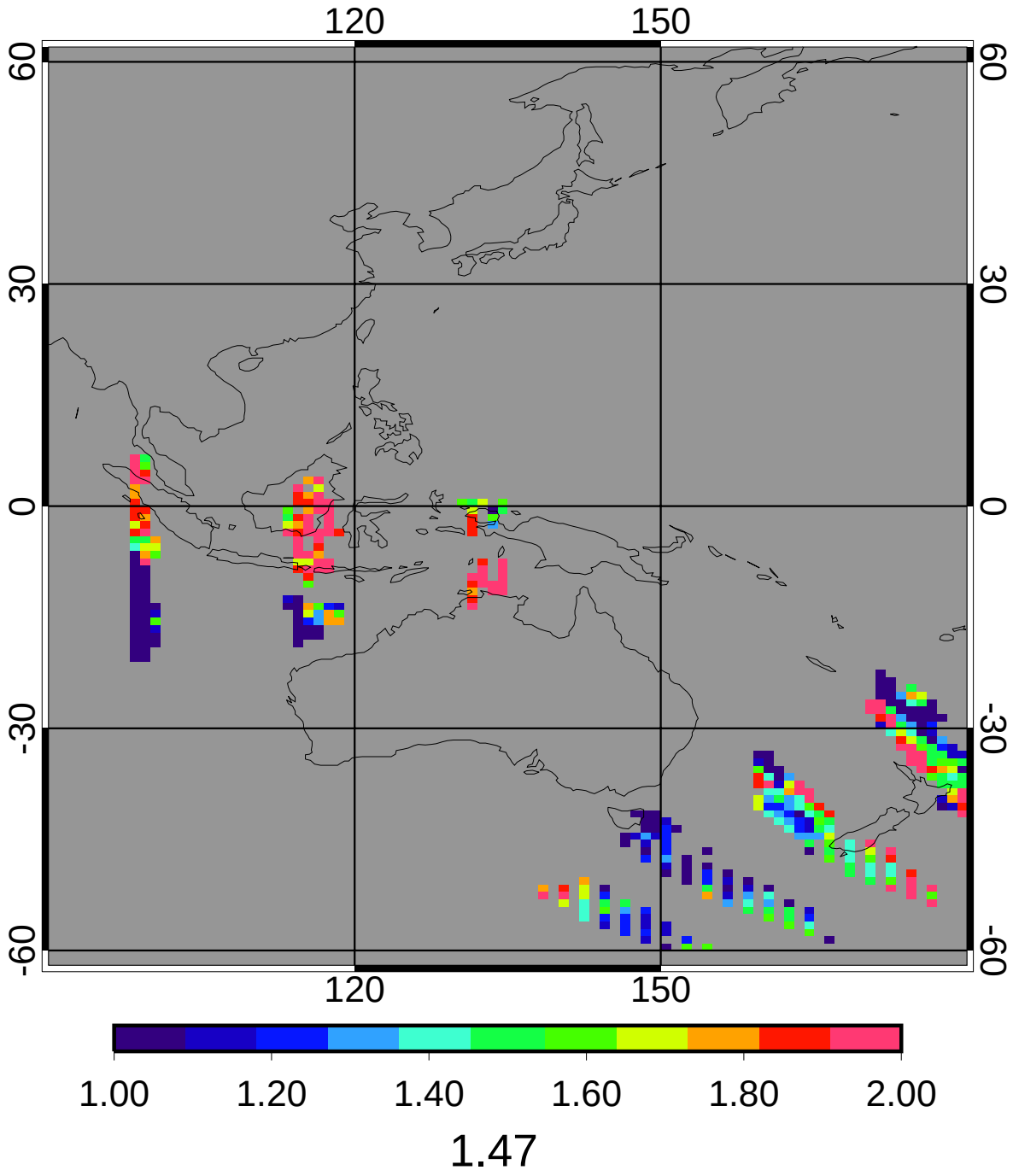
GGEO MEAN Daytime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



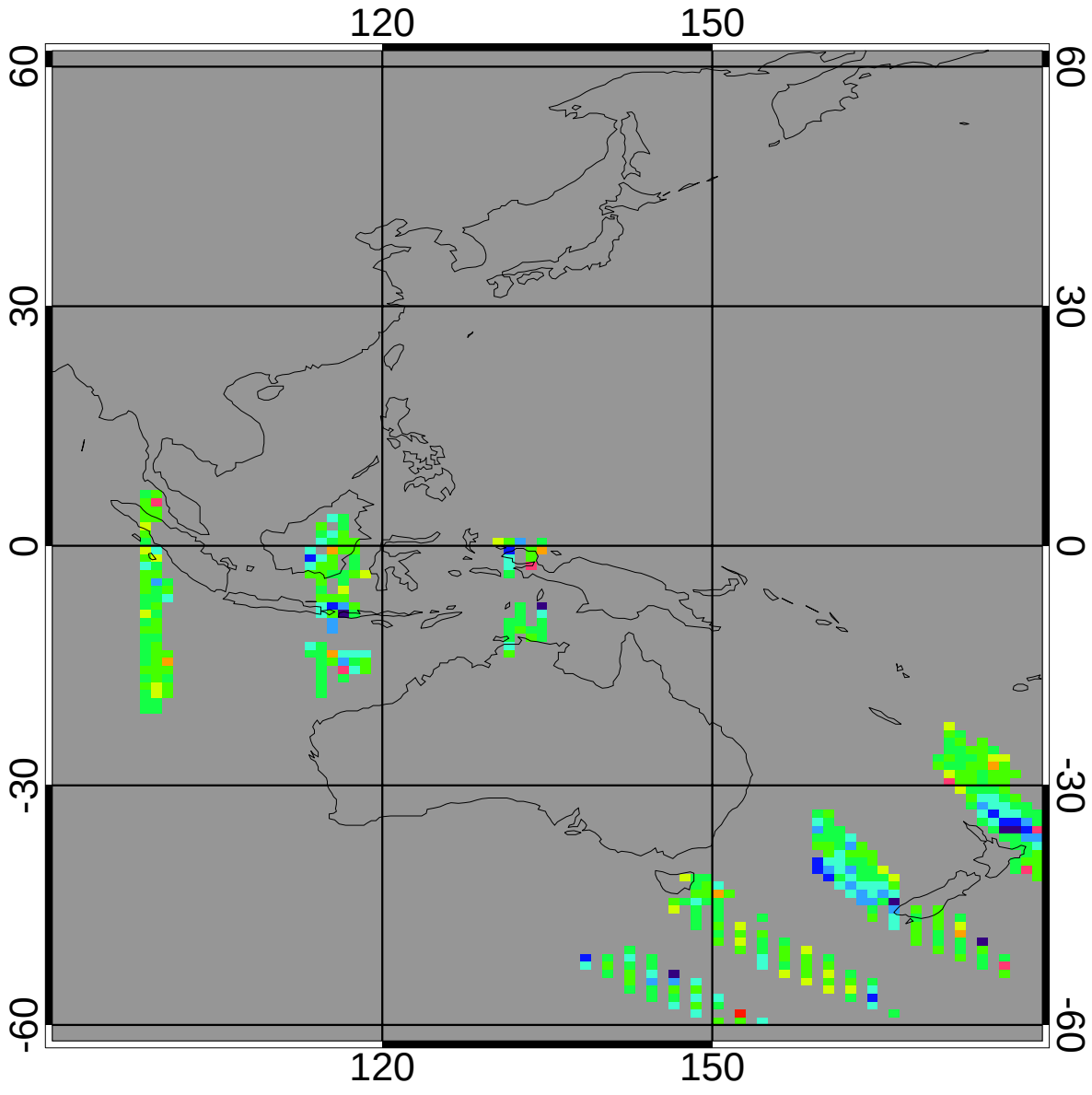
CERES/Aqua MEAN Daytime Cloud Phase

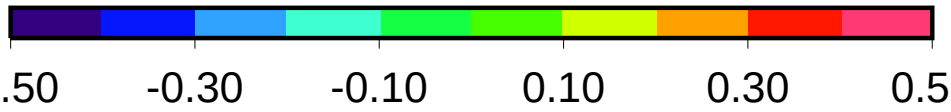
5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Phase Bias

5ch_V01 Jan 2010 (matched angle)

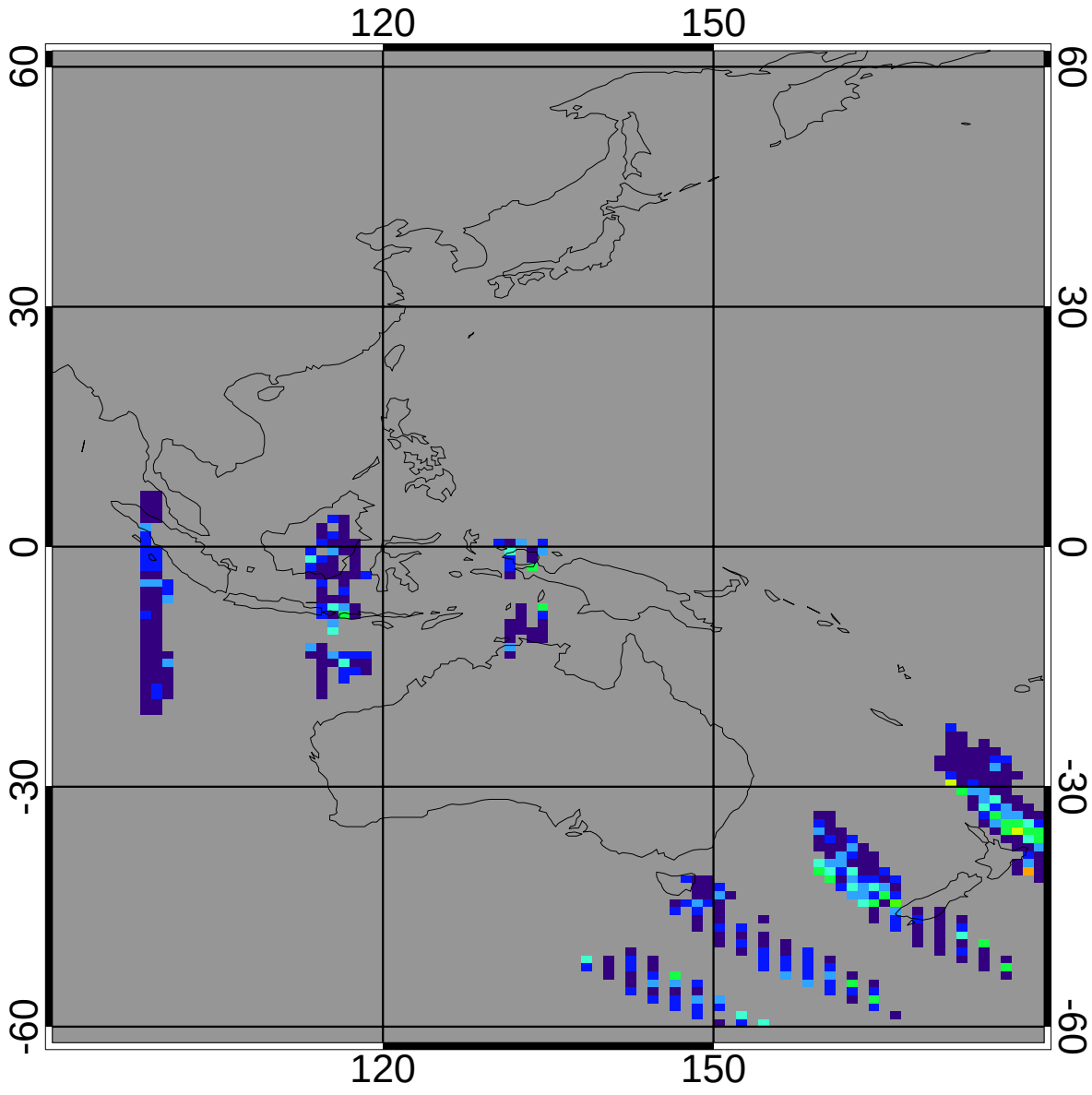




bias	-0.02	-1.66%
domain sigma	0.12	8.12%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

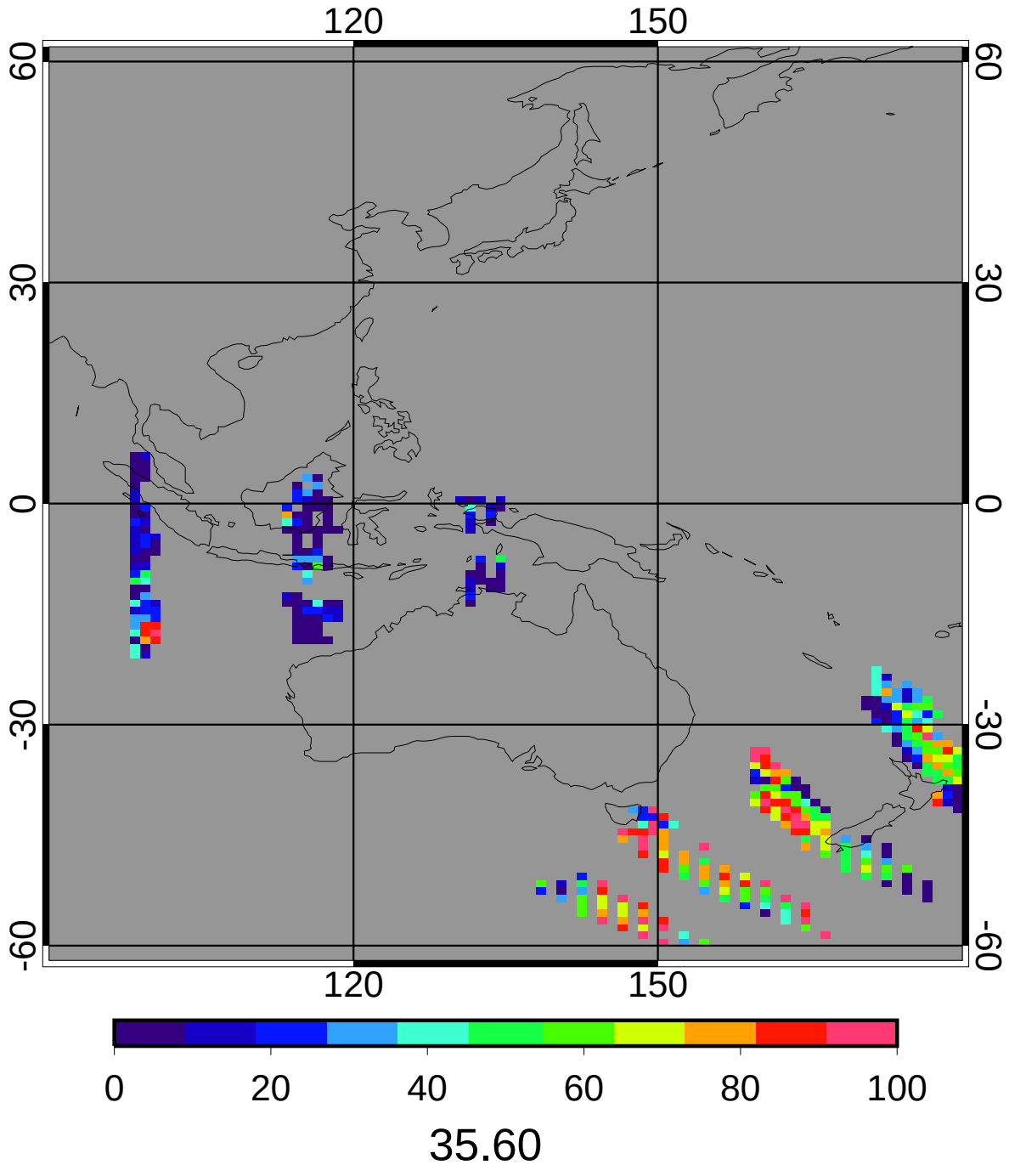
5ch_V01 Jan 2010 (matched angle)



regave rms	0.11	7.73%
domain rms	0.17	11.63%

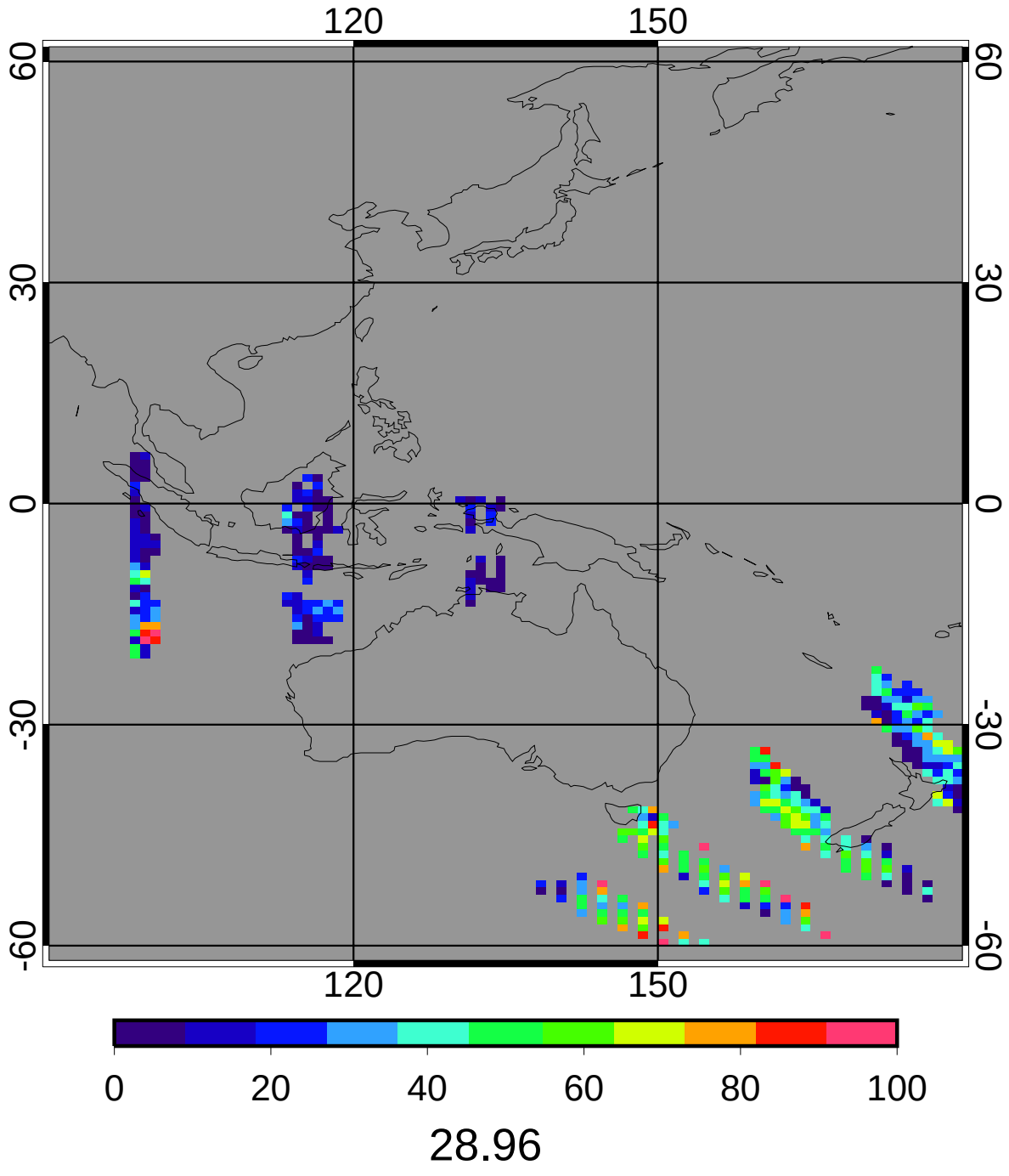
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



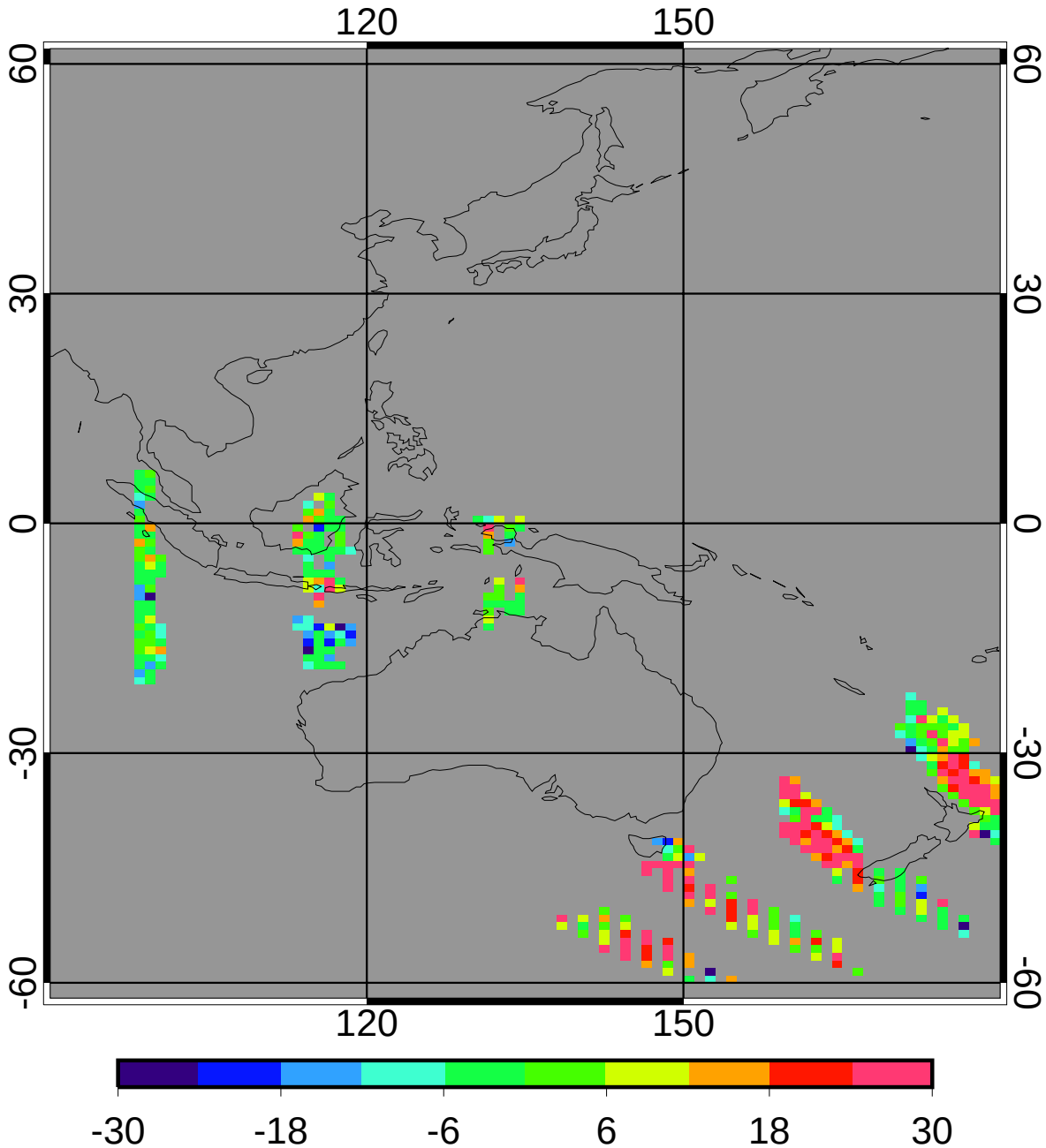
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Liquid Cld Amt (%) Bias

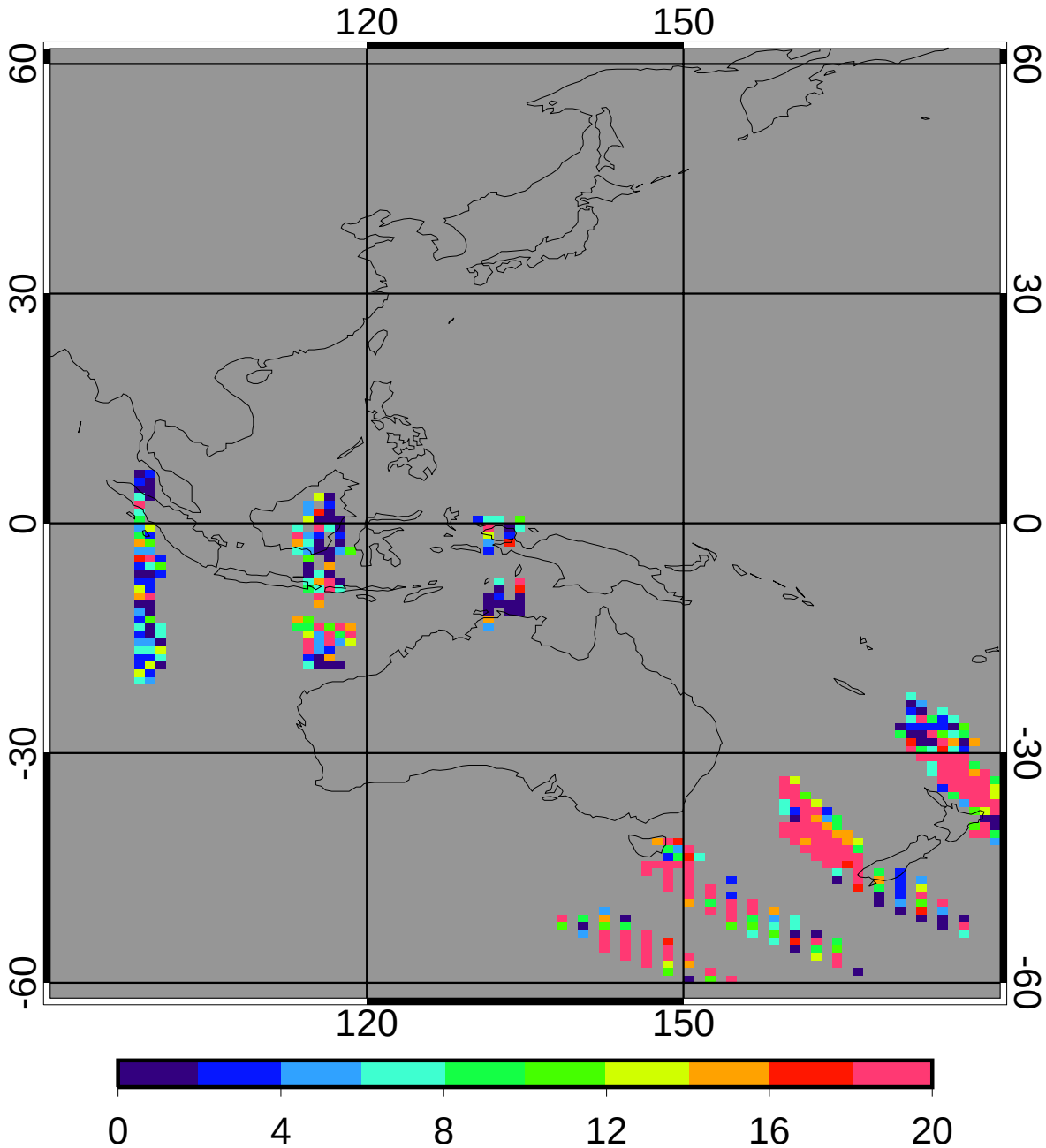
5ch_V01 Jan 2010 (matched angle)



bias	6.64	22.94%
domain sigma	13.17	45.48%

GGEO - CERES/Aqua Daytime Liquid Cld Amt (%) RMS

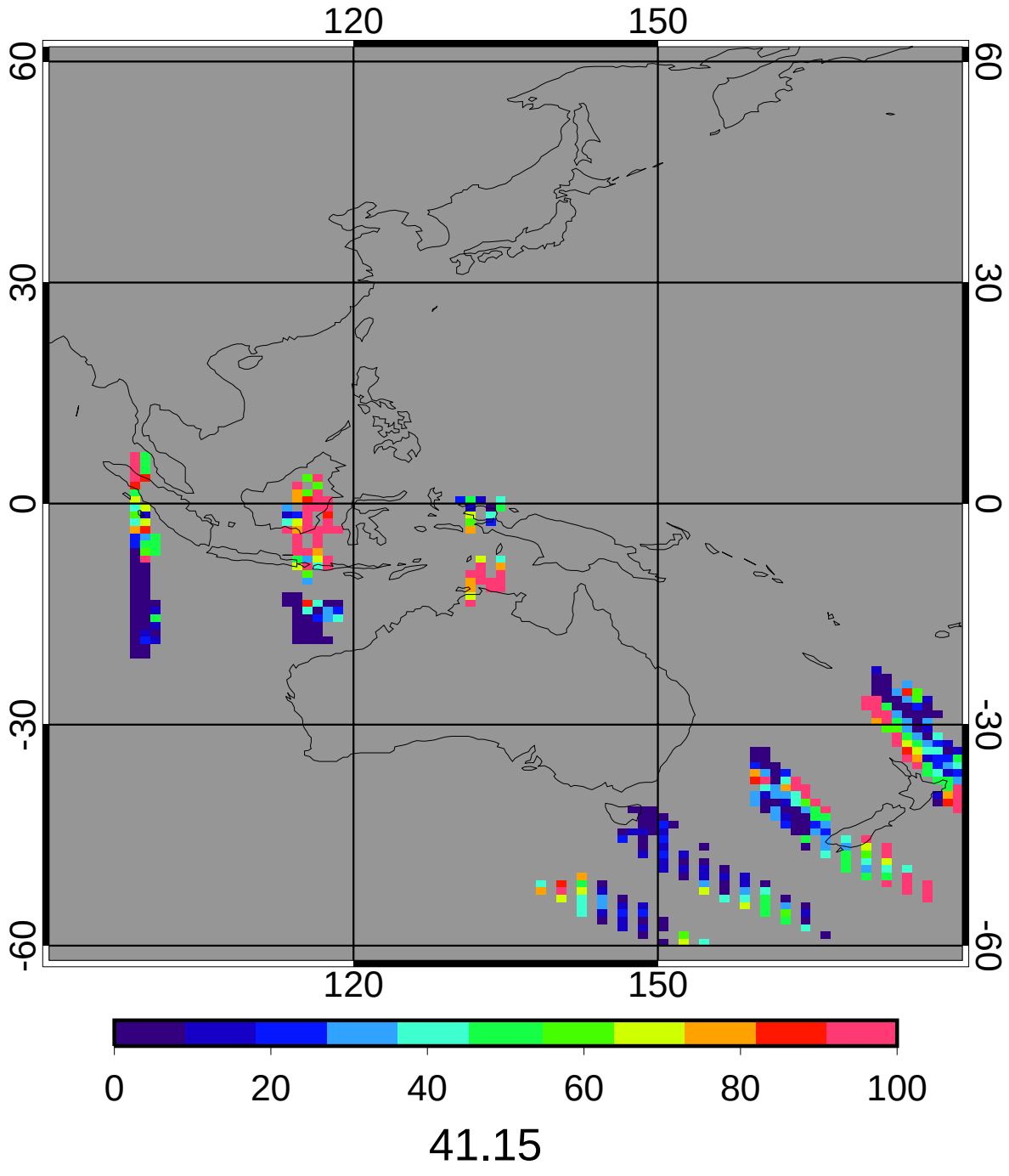
5ch_V01 Jan 2010 (matched angle)



regave rms	14.17	48.94%
domain rms	19.58	67.62%

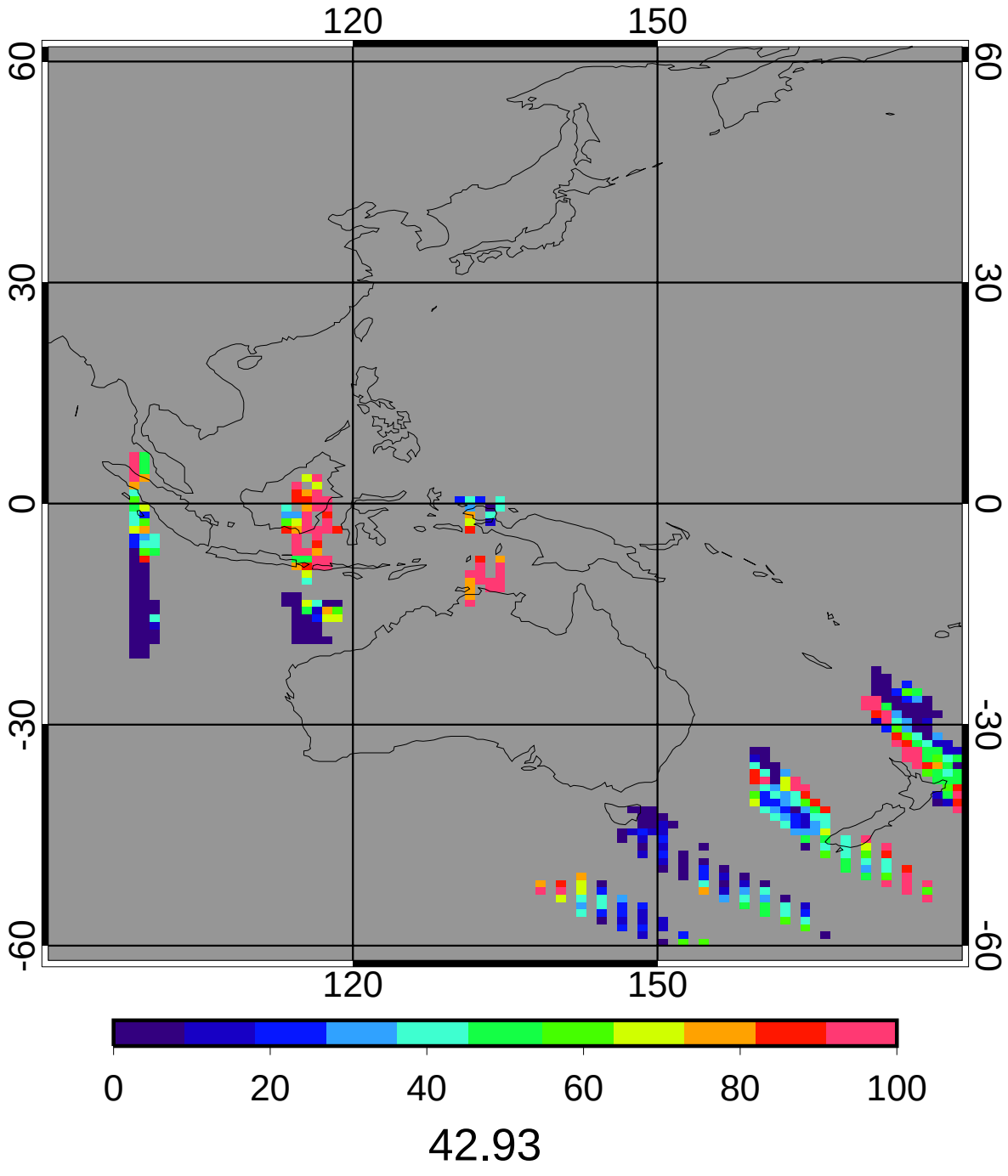
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



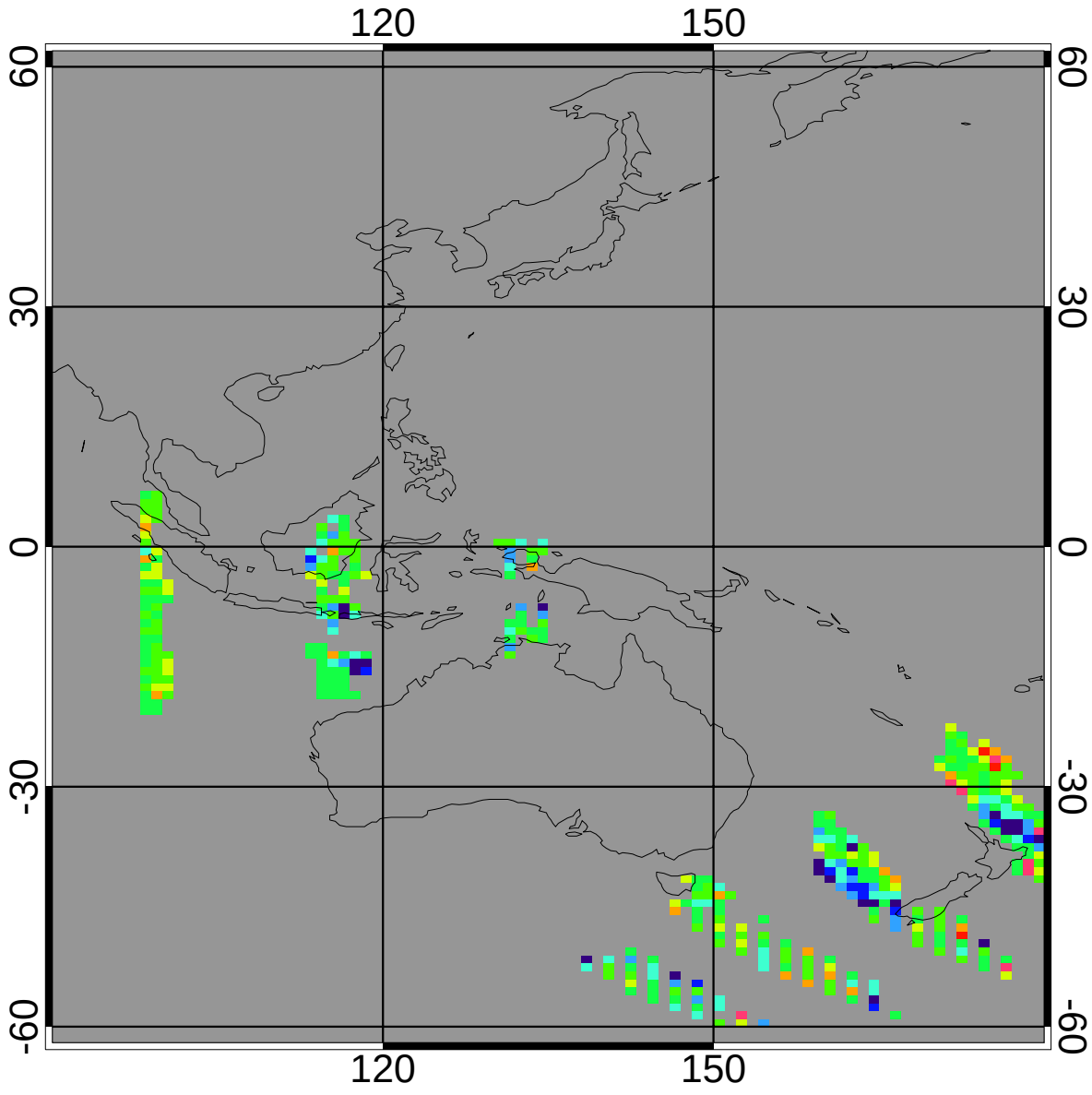
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Ice Cld Amt (%) Bias

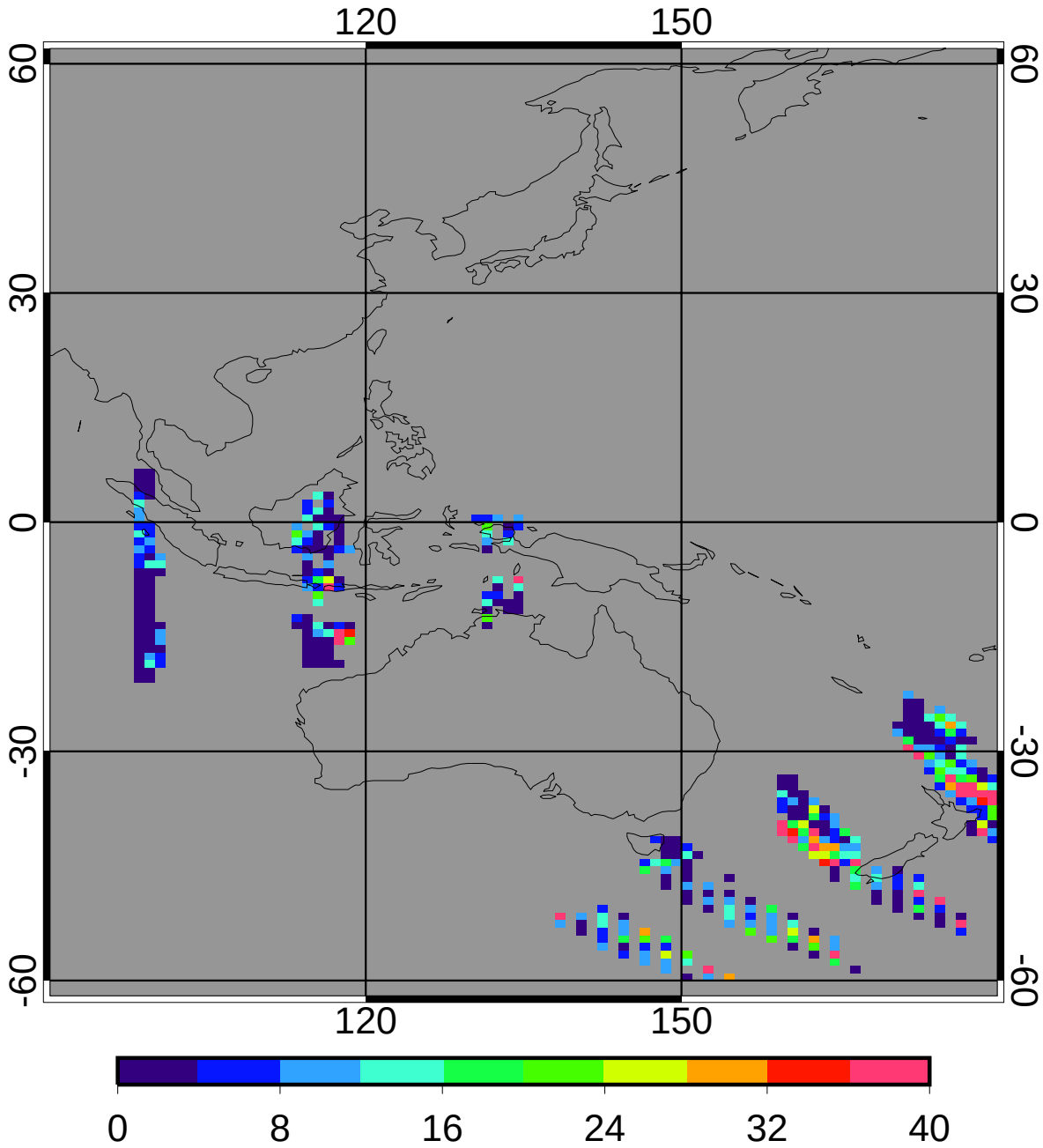
5ch_V01 Jan 2010 (matched angle)



bias	-1.78	-4.14%
domain sigma	10.53	24.52%

GGEO - CERES/Aqua Daytime Ice Cld Amt (%) RMS

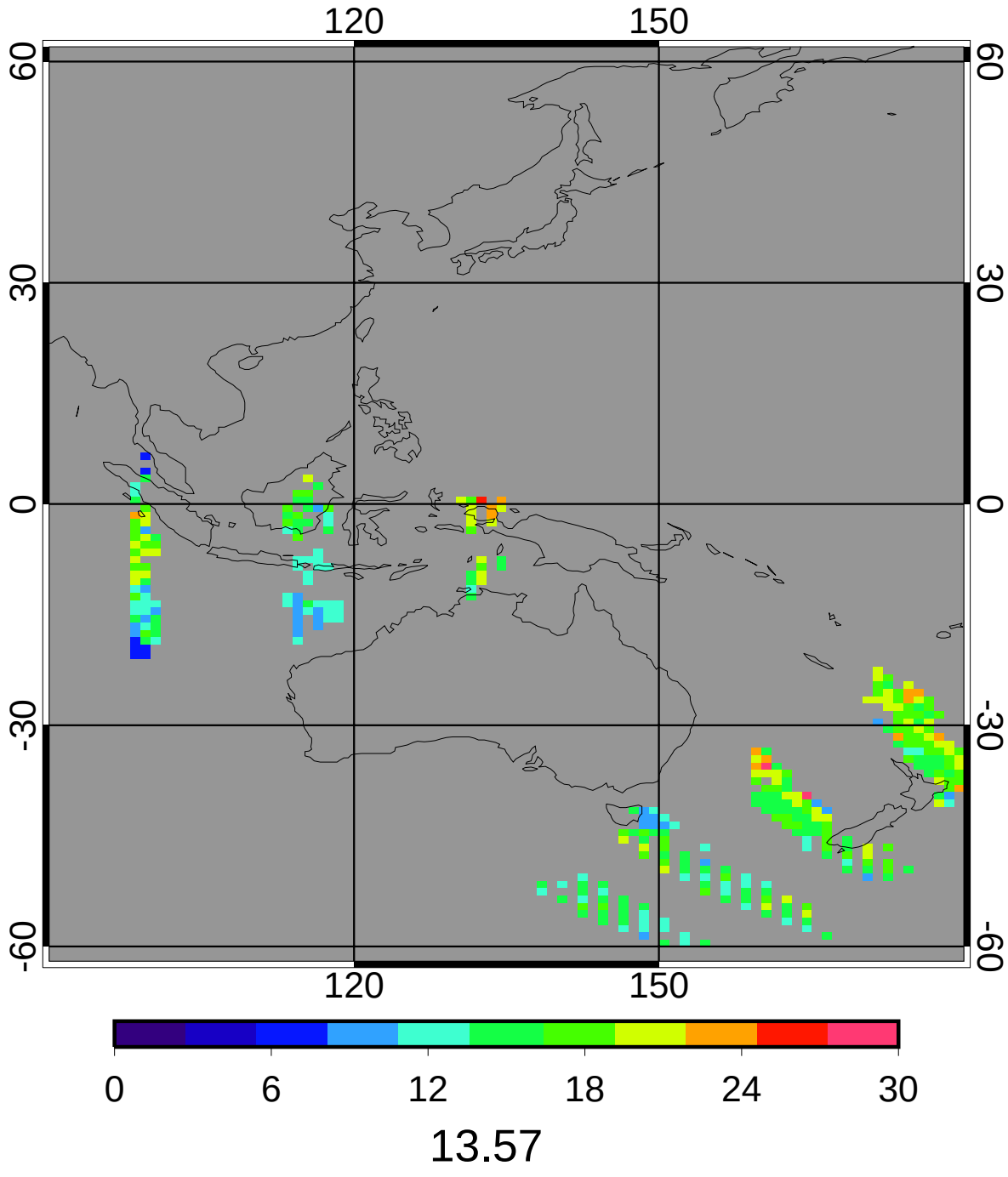
5ch_V01 Jan 2010 (matched angle)



regave rms	9.95	23.17%
domain rms	15.14	35.27%

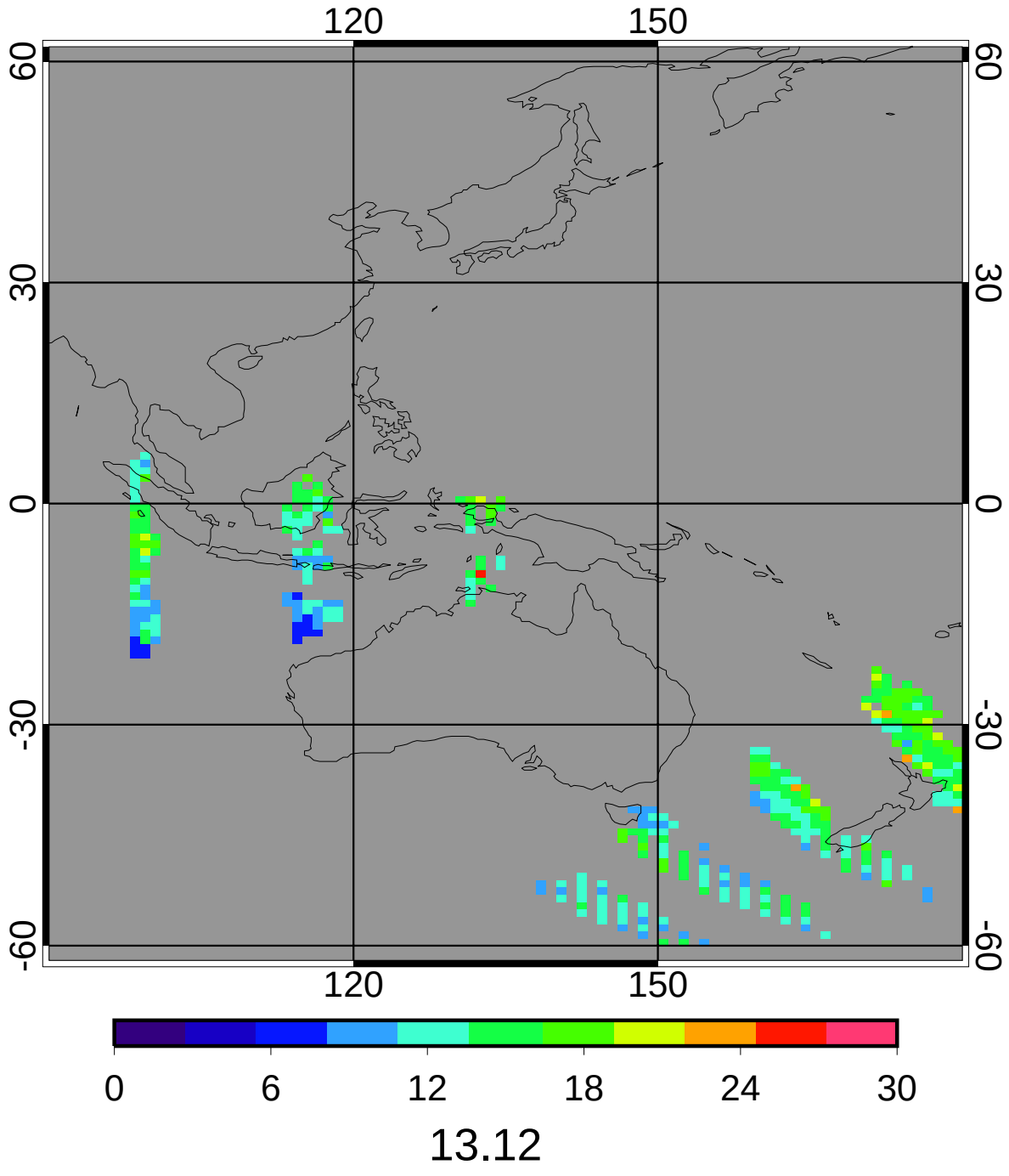
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

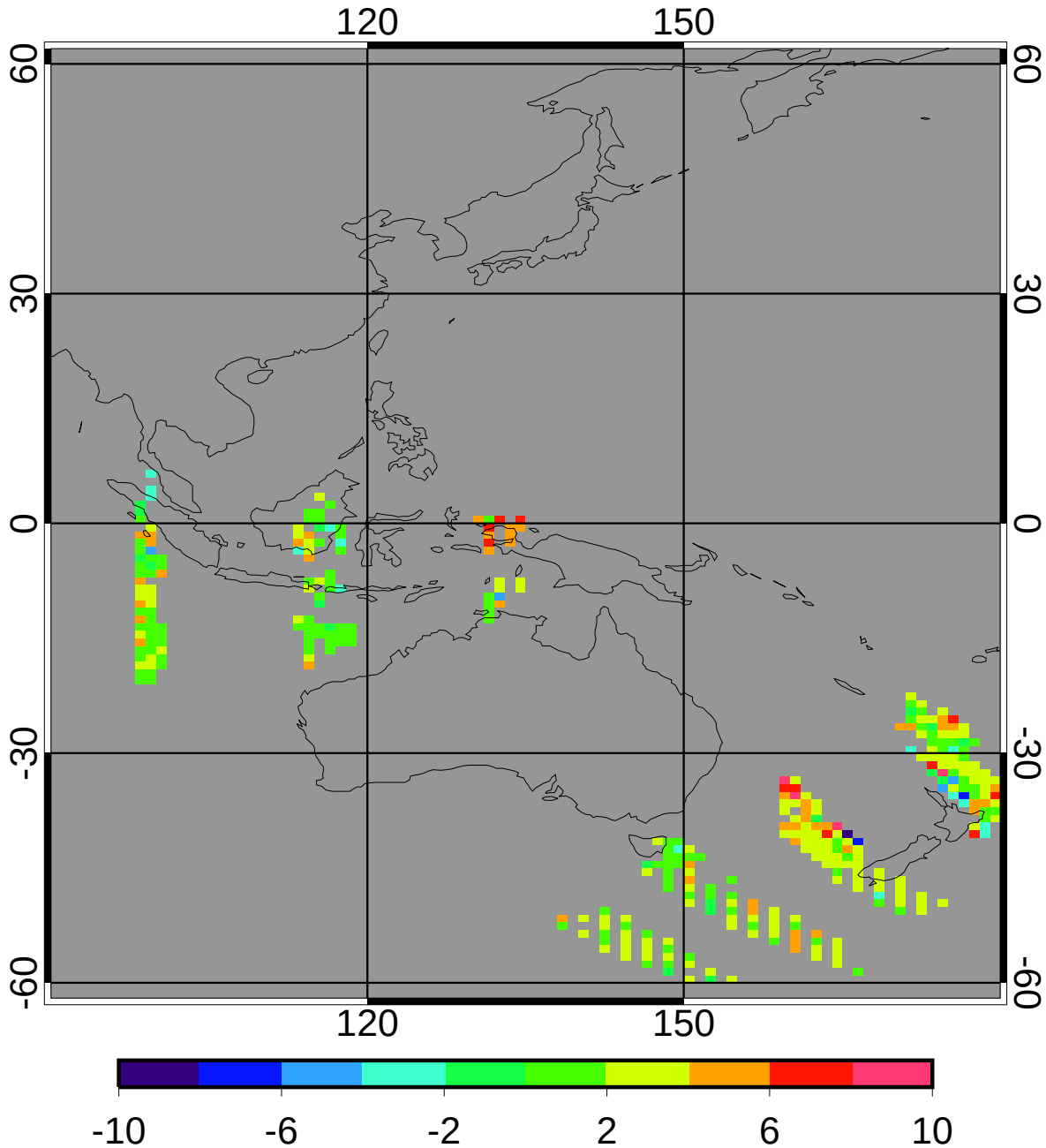
5ch_V01 Jan 2010 (matched angle)



13.12

GGEO - CERES/Aqua Daytime Liquid Particle Size (microns) Bias

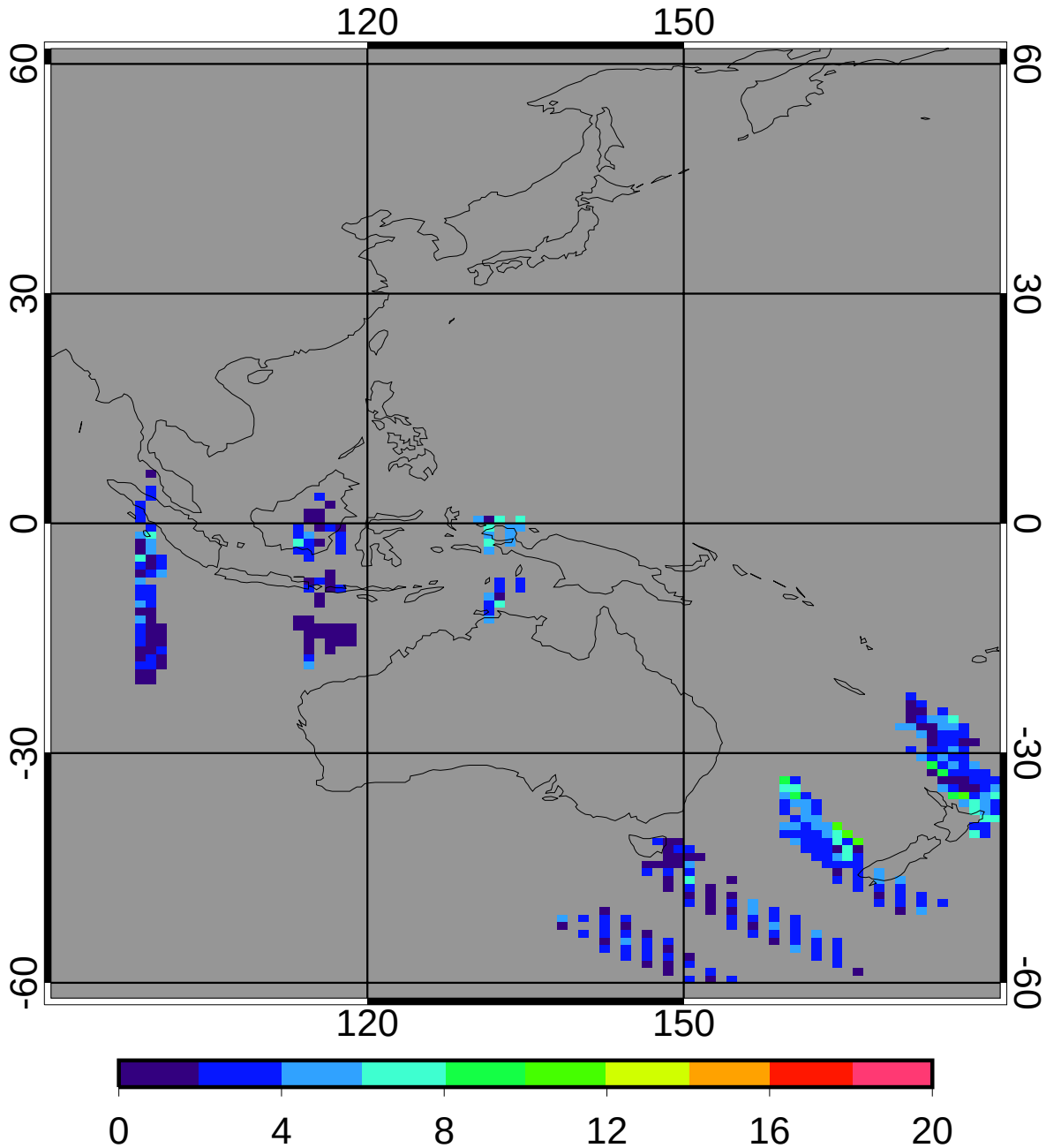
5ch_V01 Jan 2010 (matched angle)



bias	1.81	13.78%
domain sigma	2.13	16.20%

GGEO - CERES/Aqua Daytime Liquid Particle Size (microns) RMS

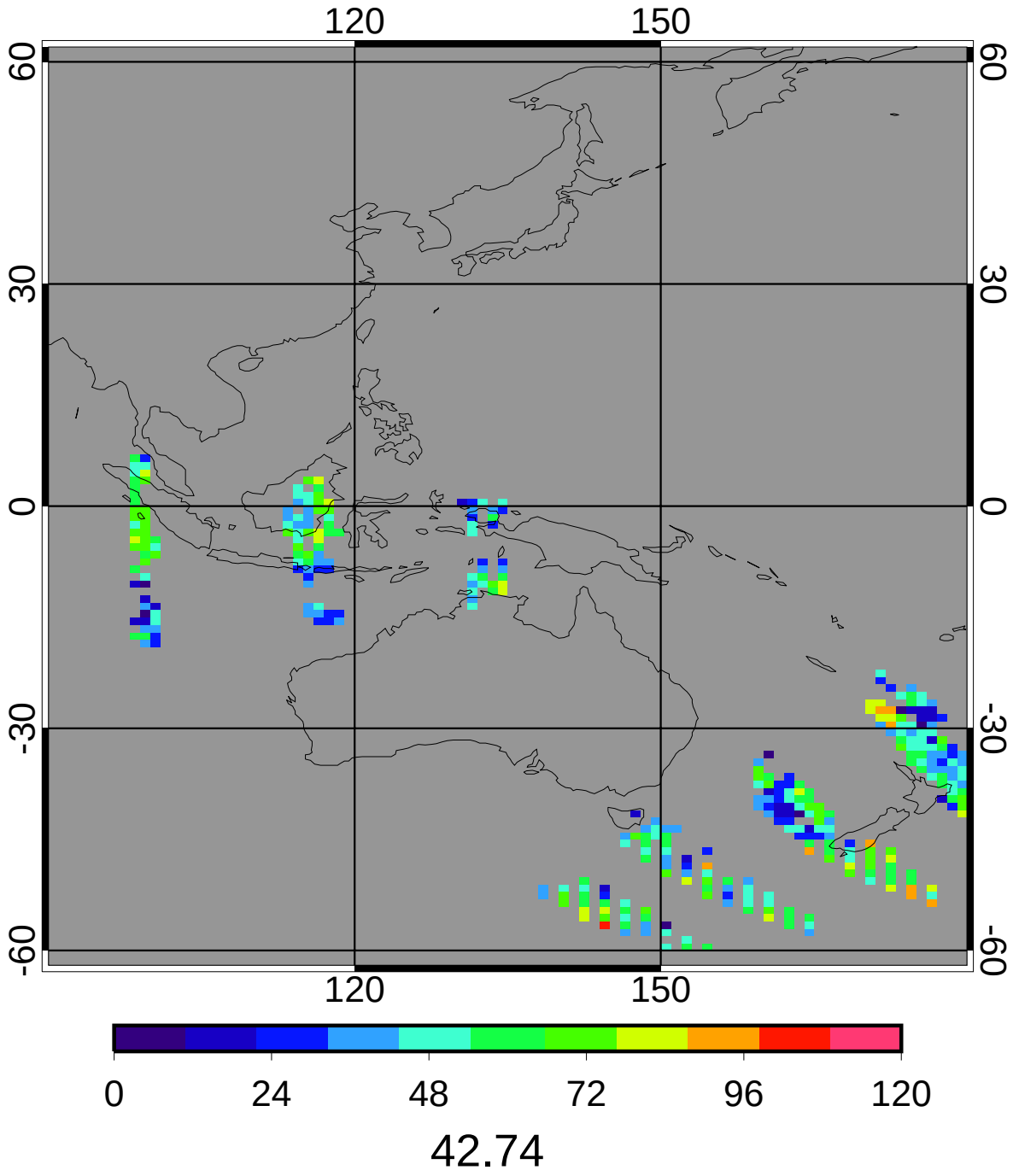
5ch_V01 Jan 2010 (matched angle)



regave rms	2.59	19.77%
domain rms	3.27	24.91%

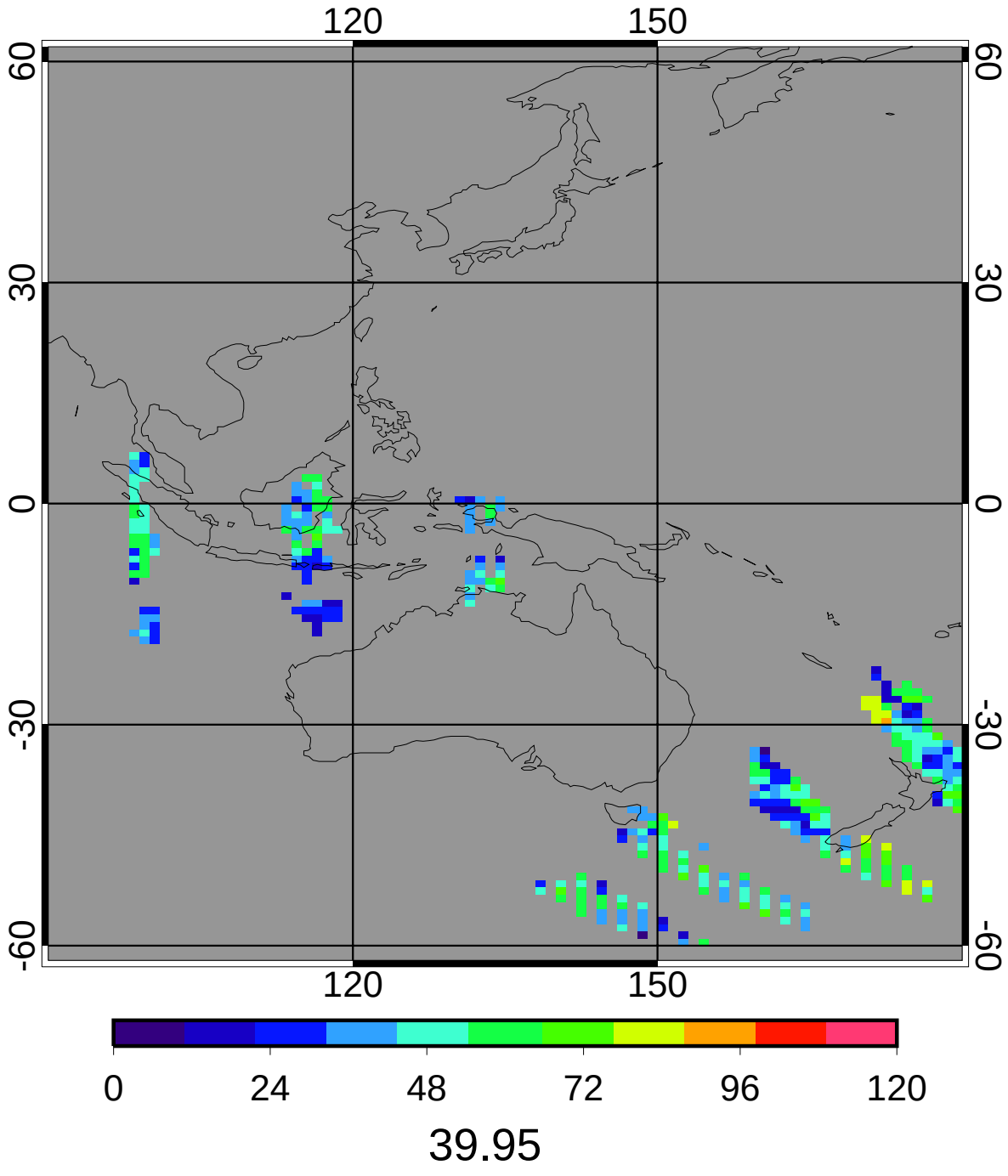
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



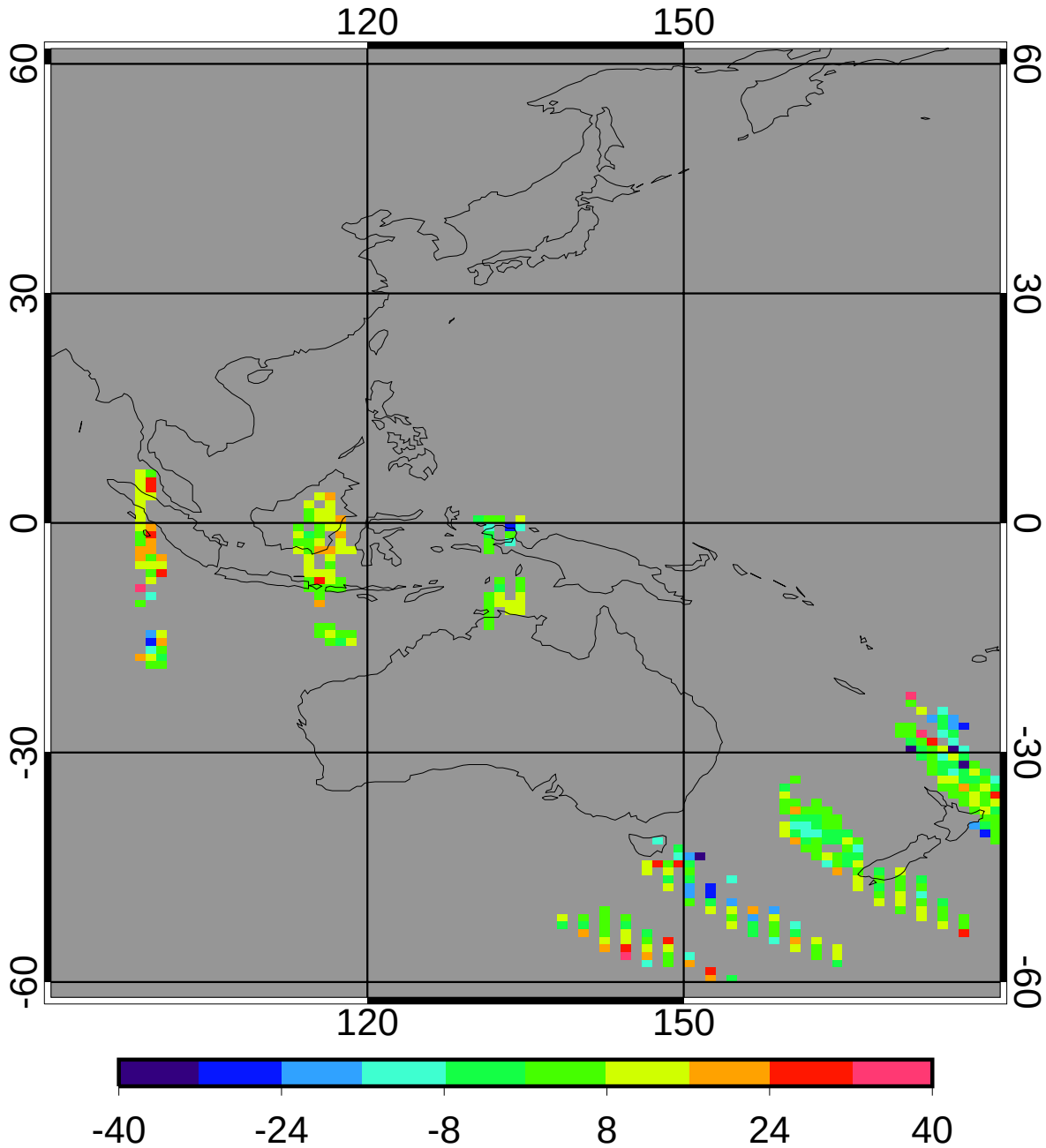
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Ice Particle Size (microns) Bias

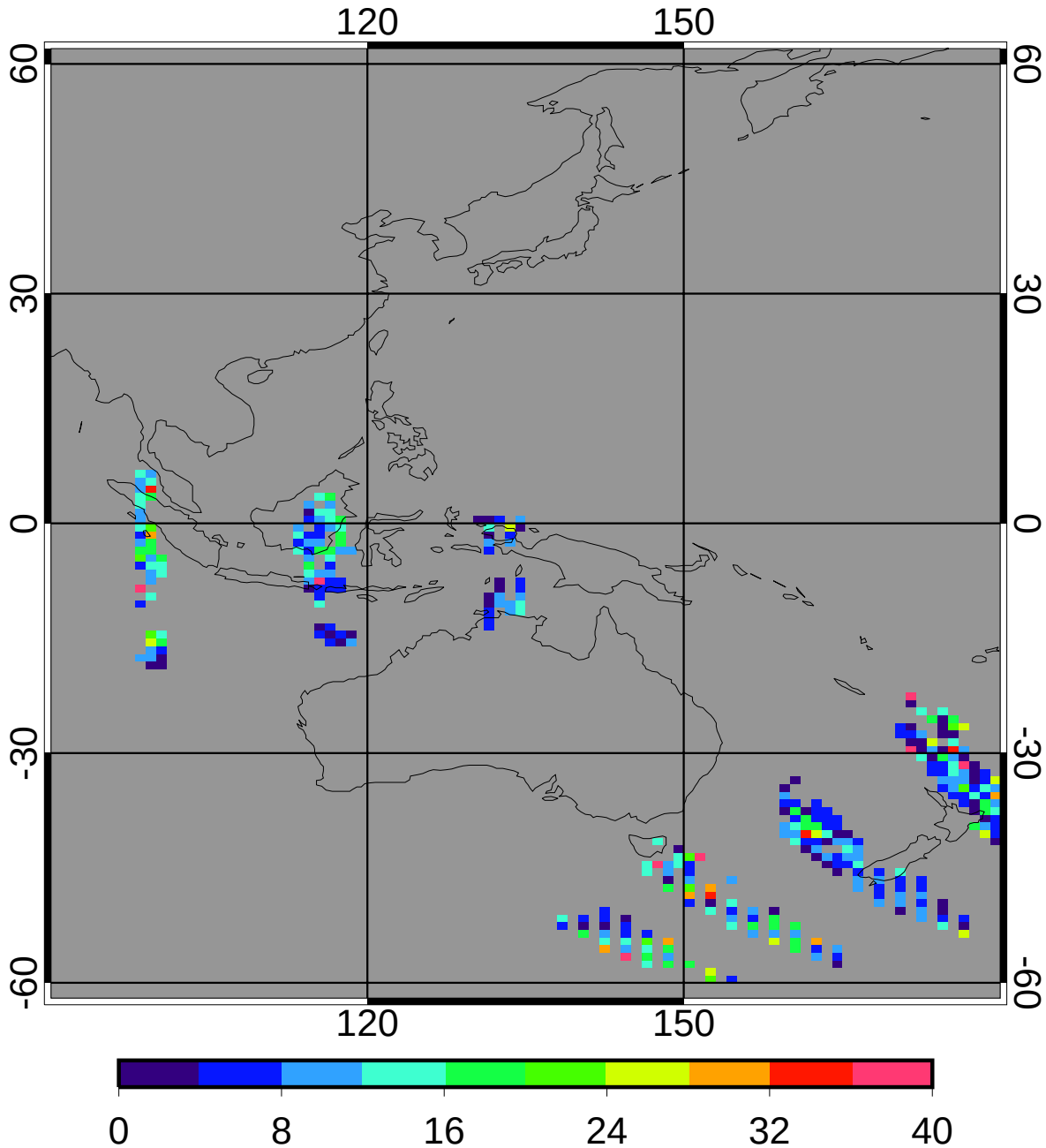
5ch_V01 Jan 2010 (matched angle)



bias	3.76	9.42%
domain sigma	10.27	25.71%

GGEO - CERES/Aqua Daytime Ice Particle Size (microns) RMS

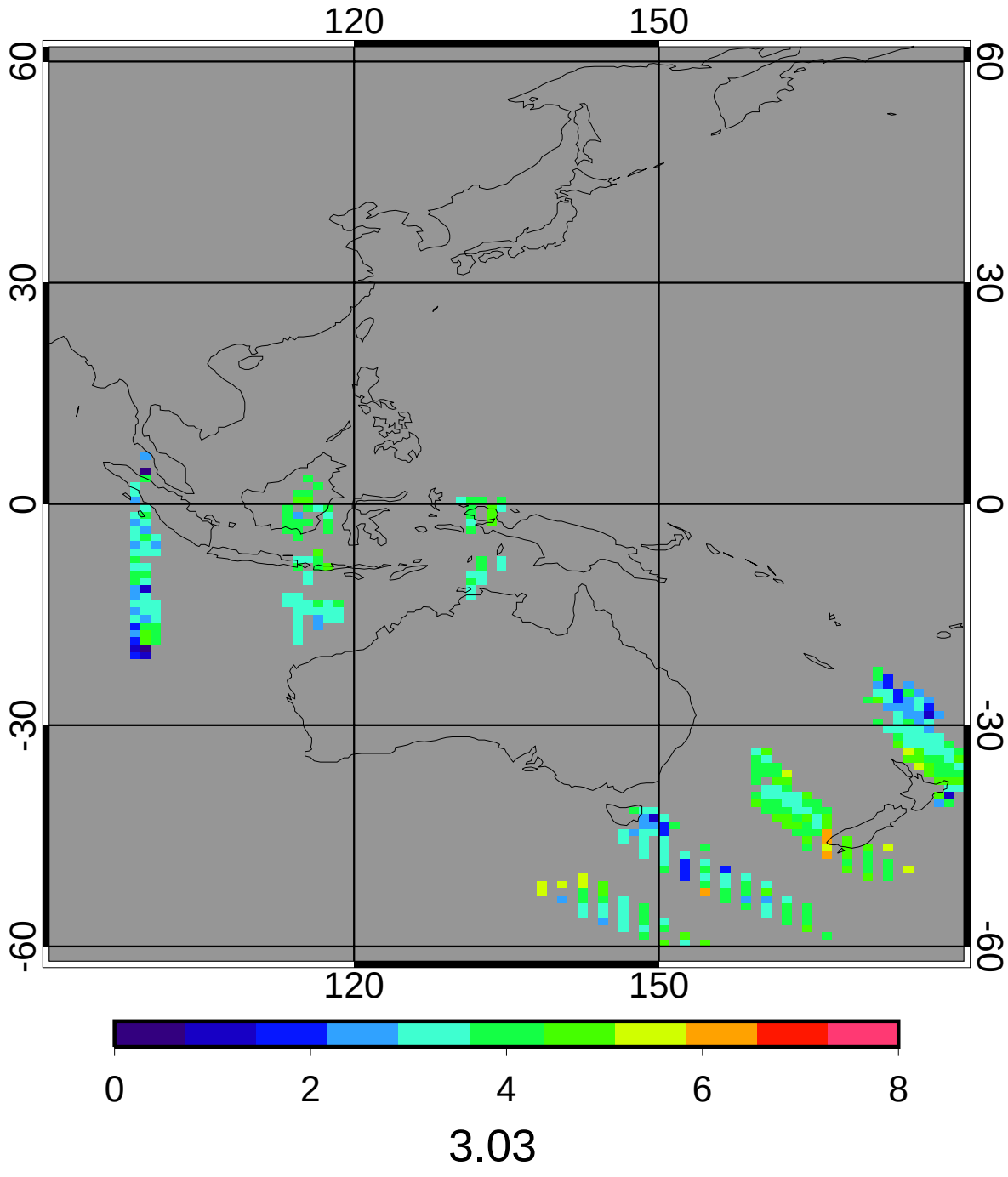
5ch_V01 Jan 2010 (matched angle)



regave rms	9.05	22.66%
domain rms	12.46	31.20%

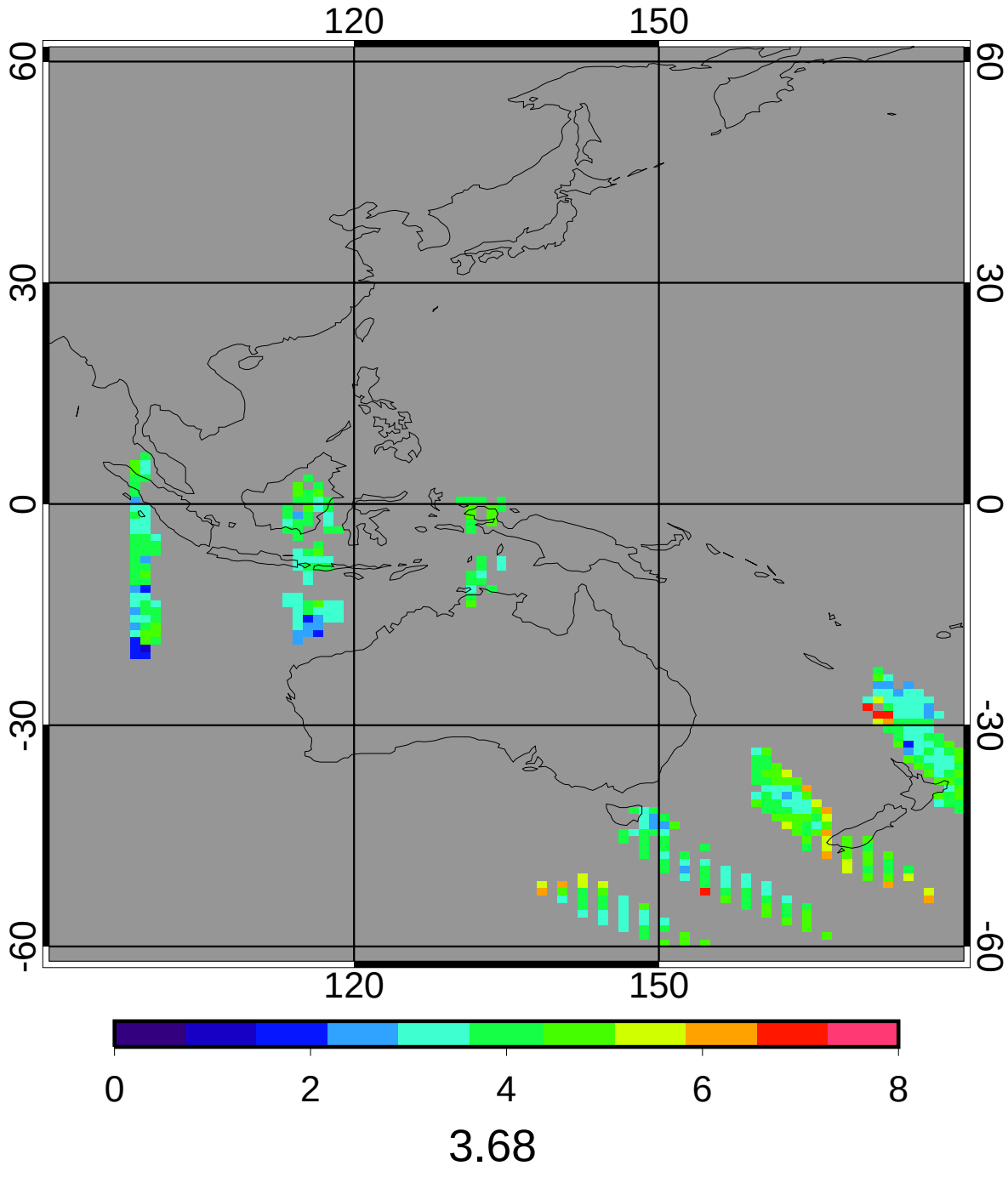
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



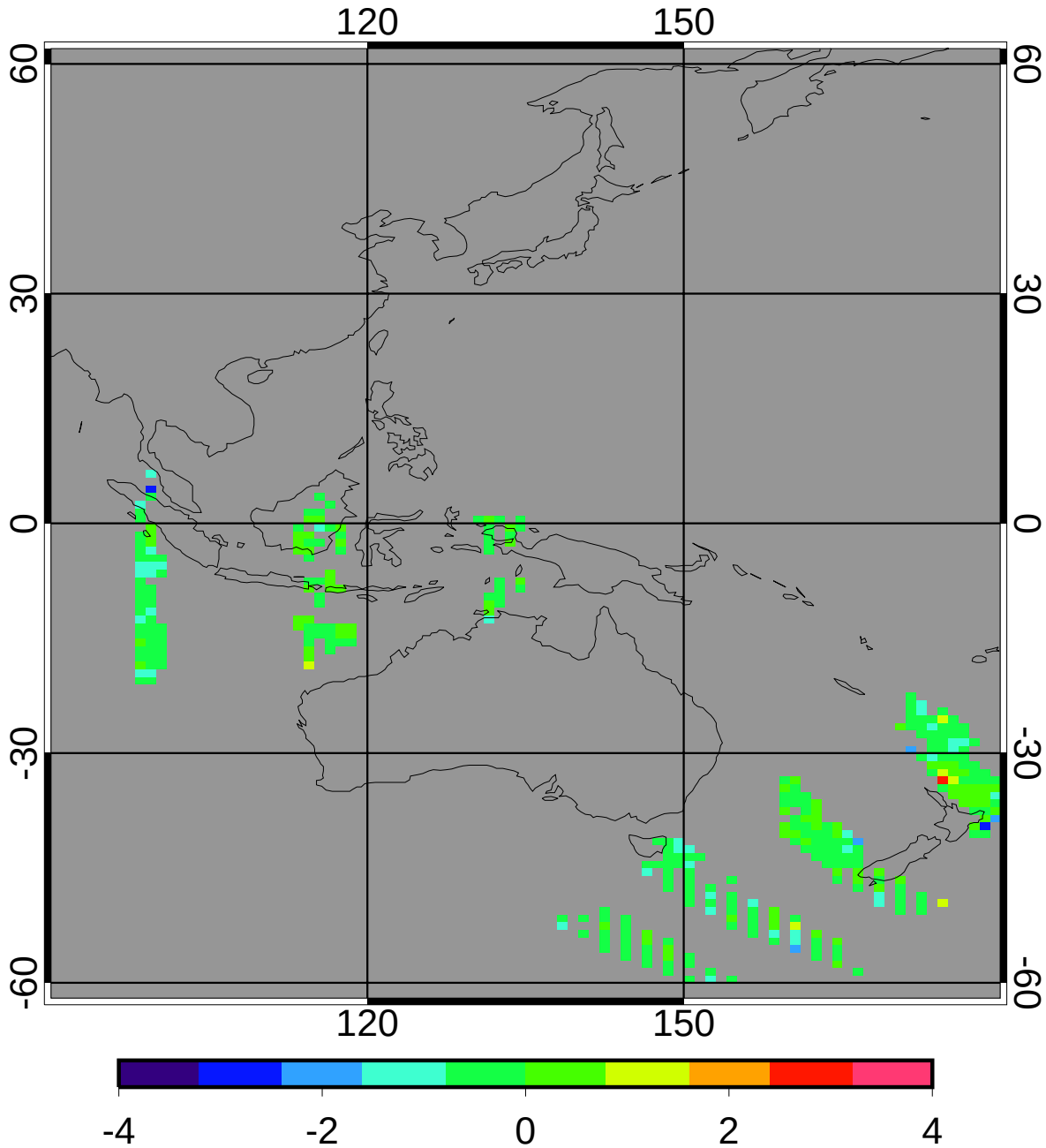
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Log Liquid Water Path (g/m2) Bias

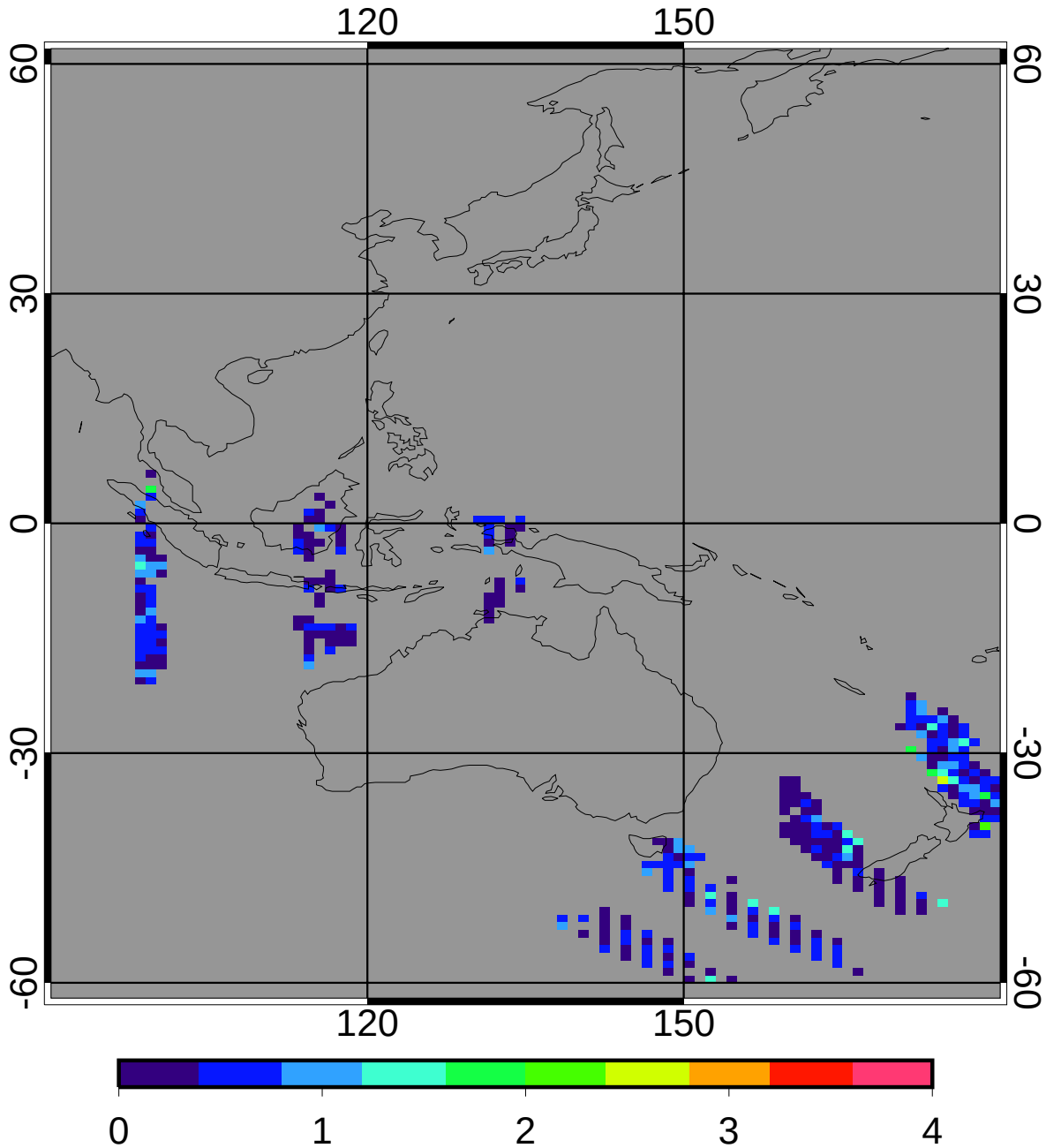
5ch_V01 Jan 2010 (matched angle)



bias	-0.23	-6.21%
domain sigma	0.45	12.21%

GGEO - CERES/Aqua Daytime Log Liquid Water Path (g/m2) RMS

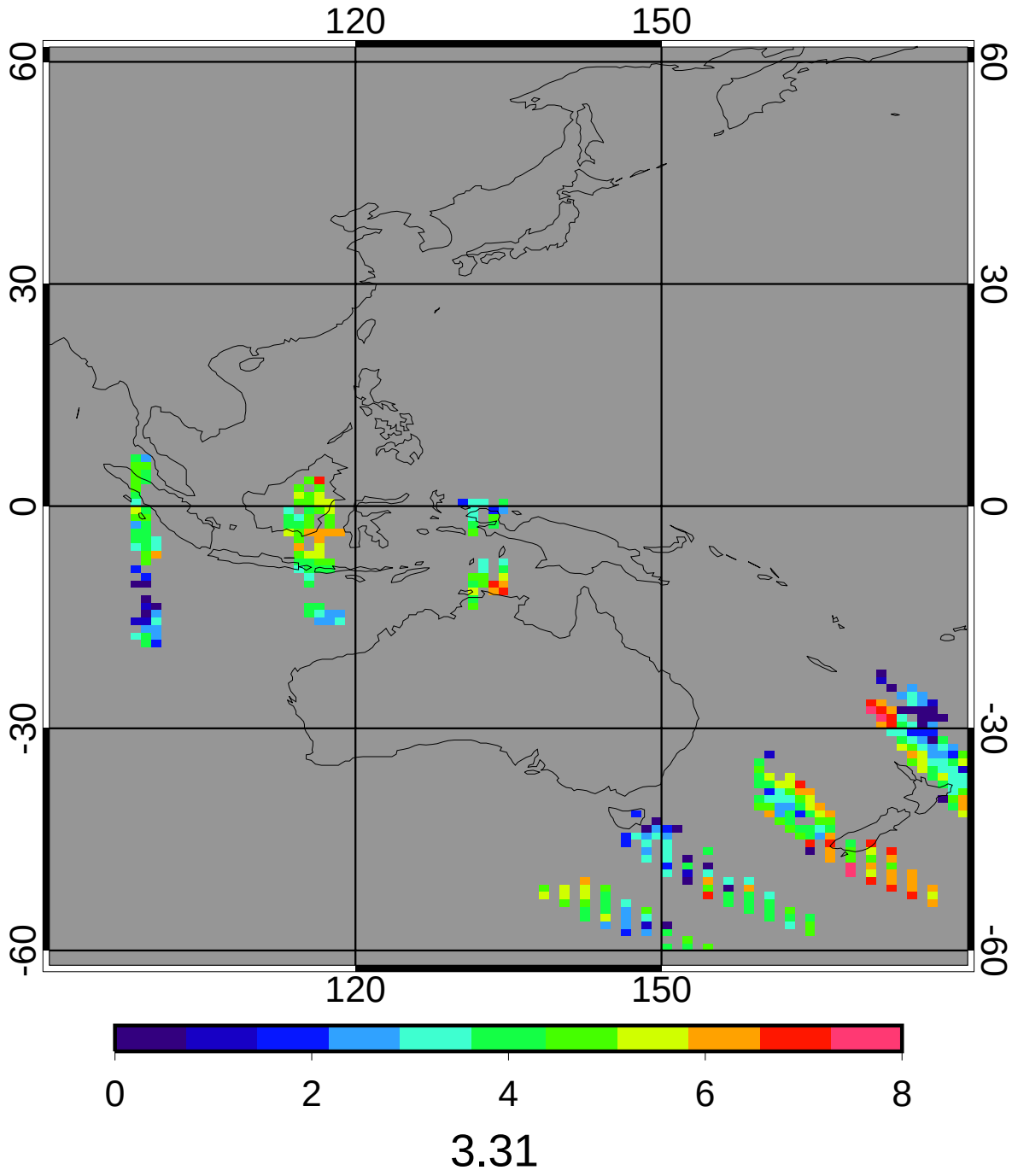
5ch_V01 Jan 2010 (matched angle)



regave rms	0.41	11.10%
domain rms	0.54	14.63%

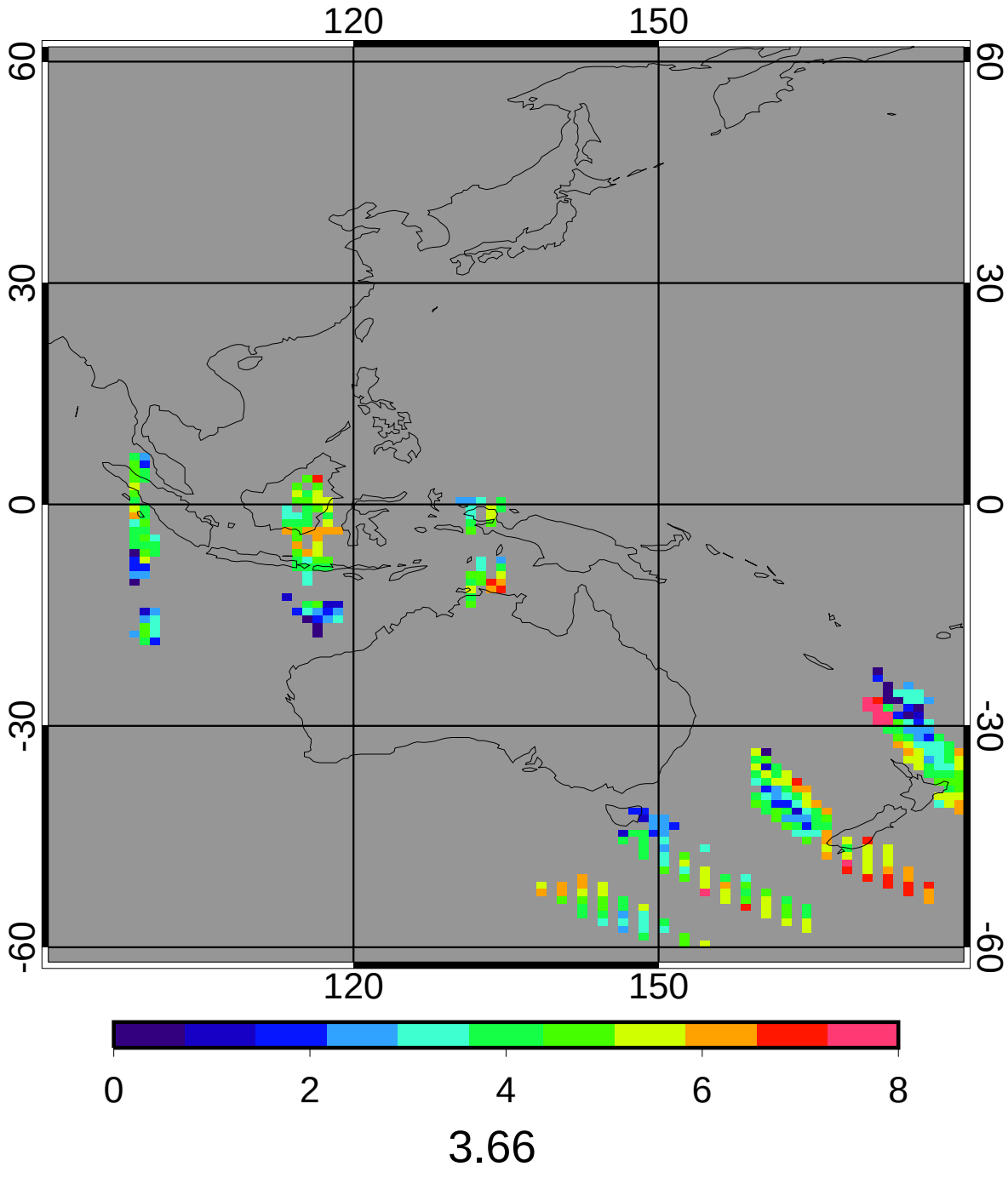
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



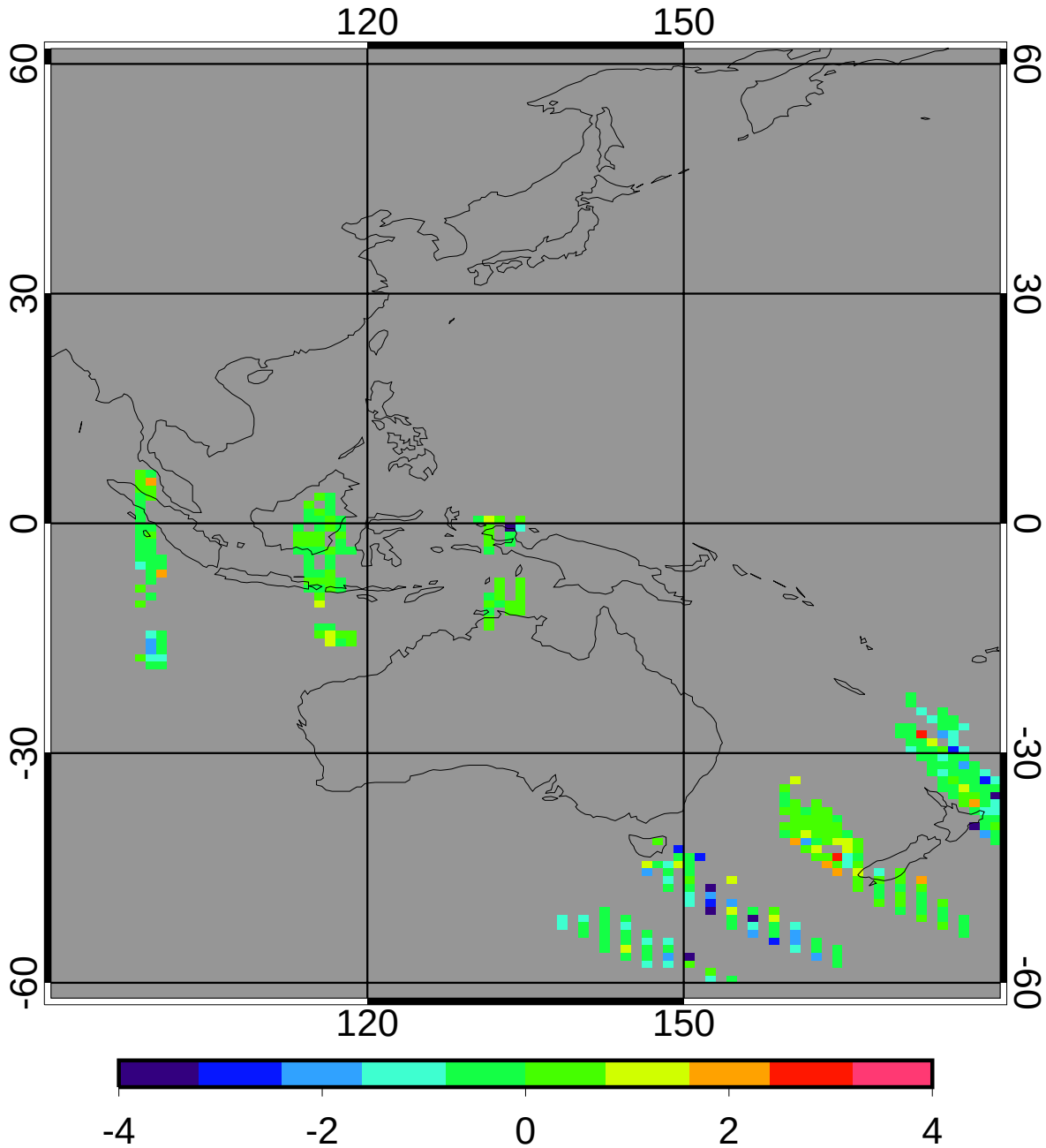
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Log Ice Water Path (g/m2) Bias

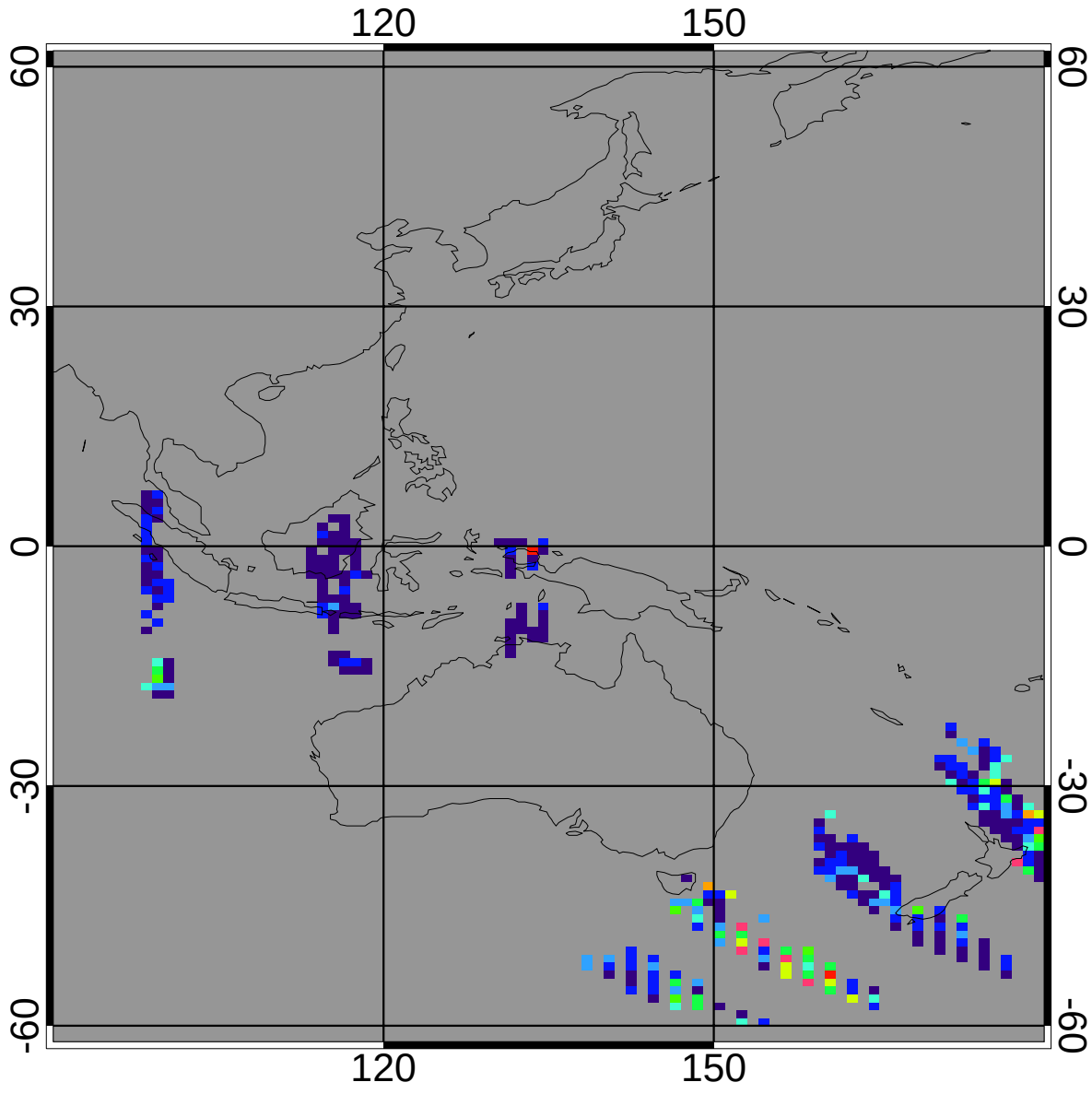
5ch_V01 Jan 2010 (matched angle)

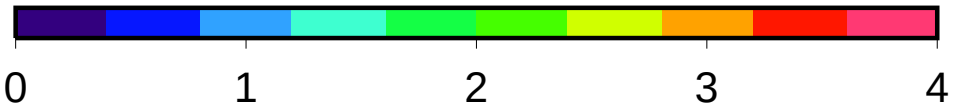


bias	-0.22	-6.08%
domain sigma	0.78	21.38%

GGEO - CERES/Aqua Daytime Log Ice Water Path (g/m2) RMS

5ch_V01 Jan 2010 (matched angle)

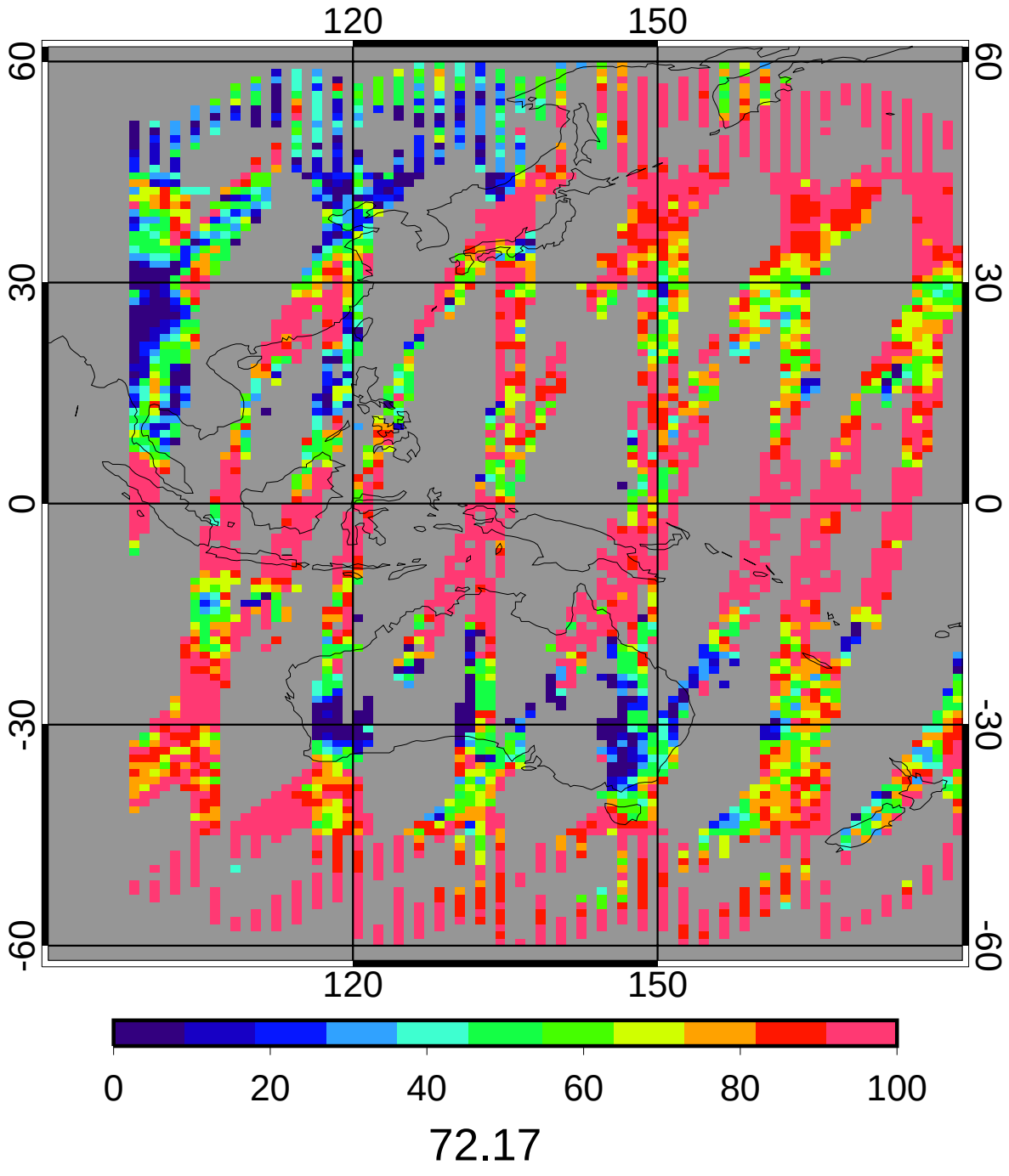




regave rms	0.52	14.14%
domain rms	0.91	24.96%

GGEO MEAN Nighttime Cloud Amount (%)

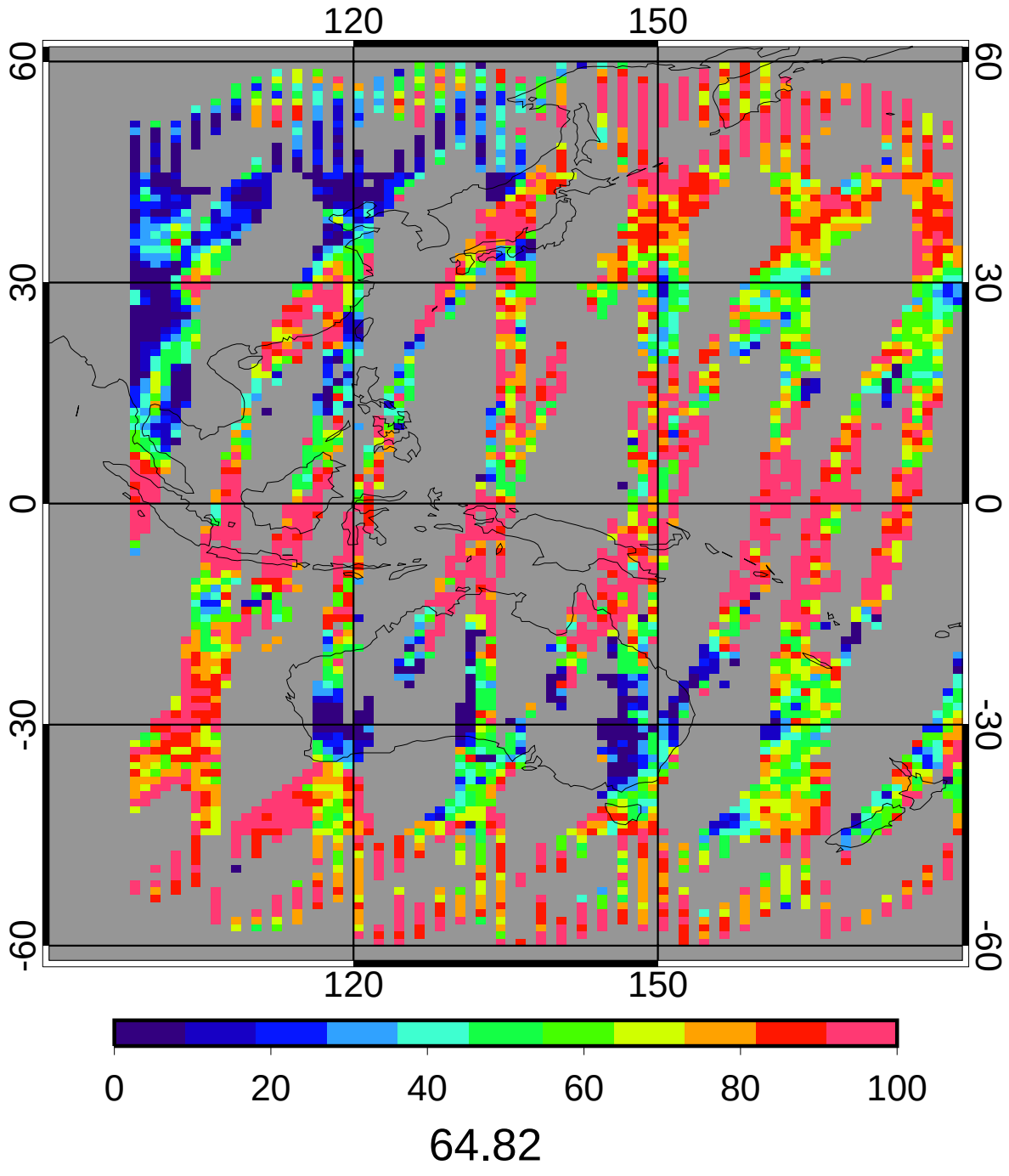
5ch_V01 Jan 2010 (matched angle)



72.17

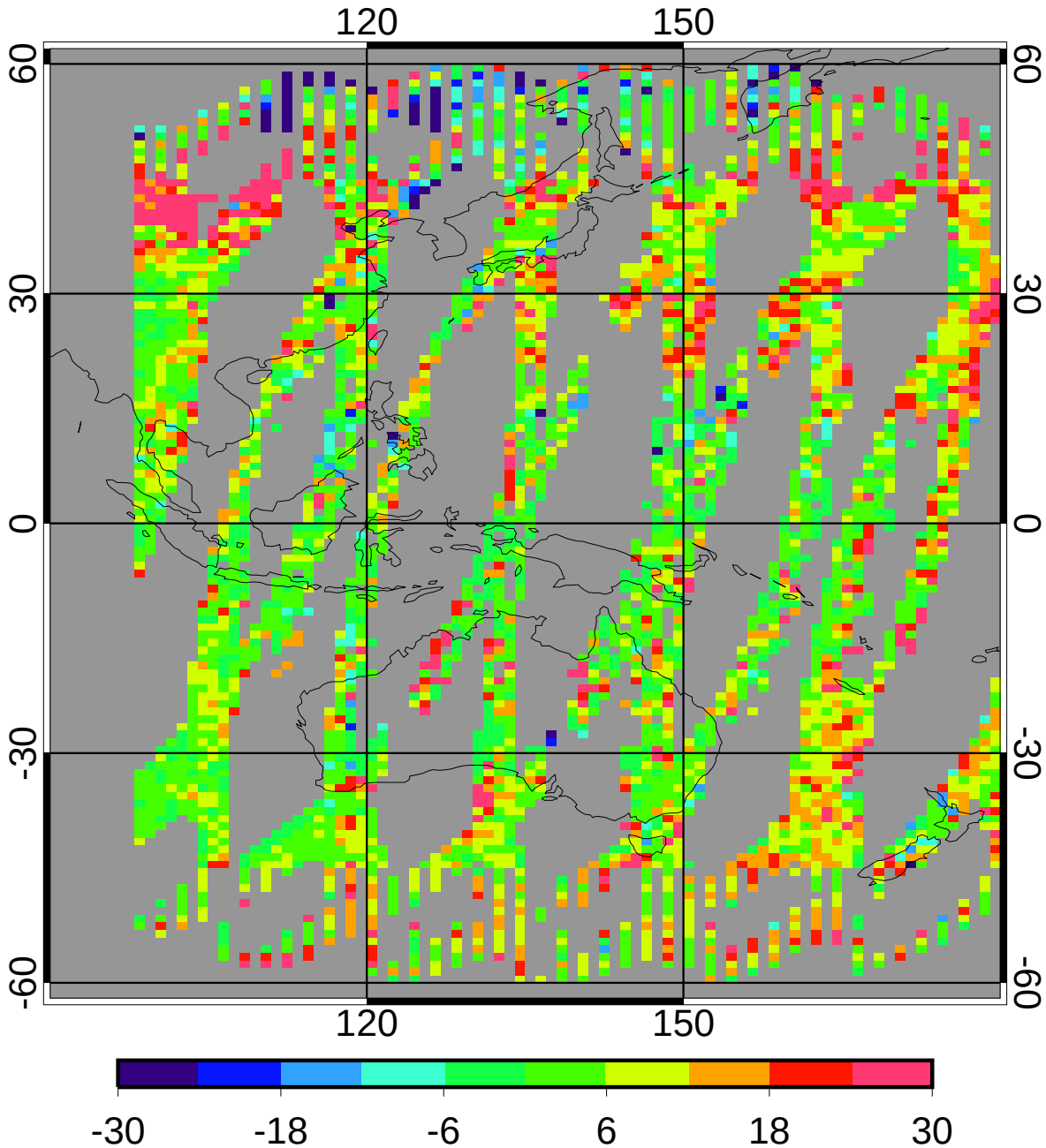
CERES/Aqua MEAN Nighttime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Amount (%) Bias

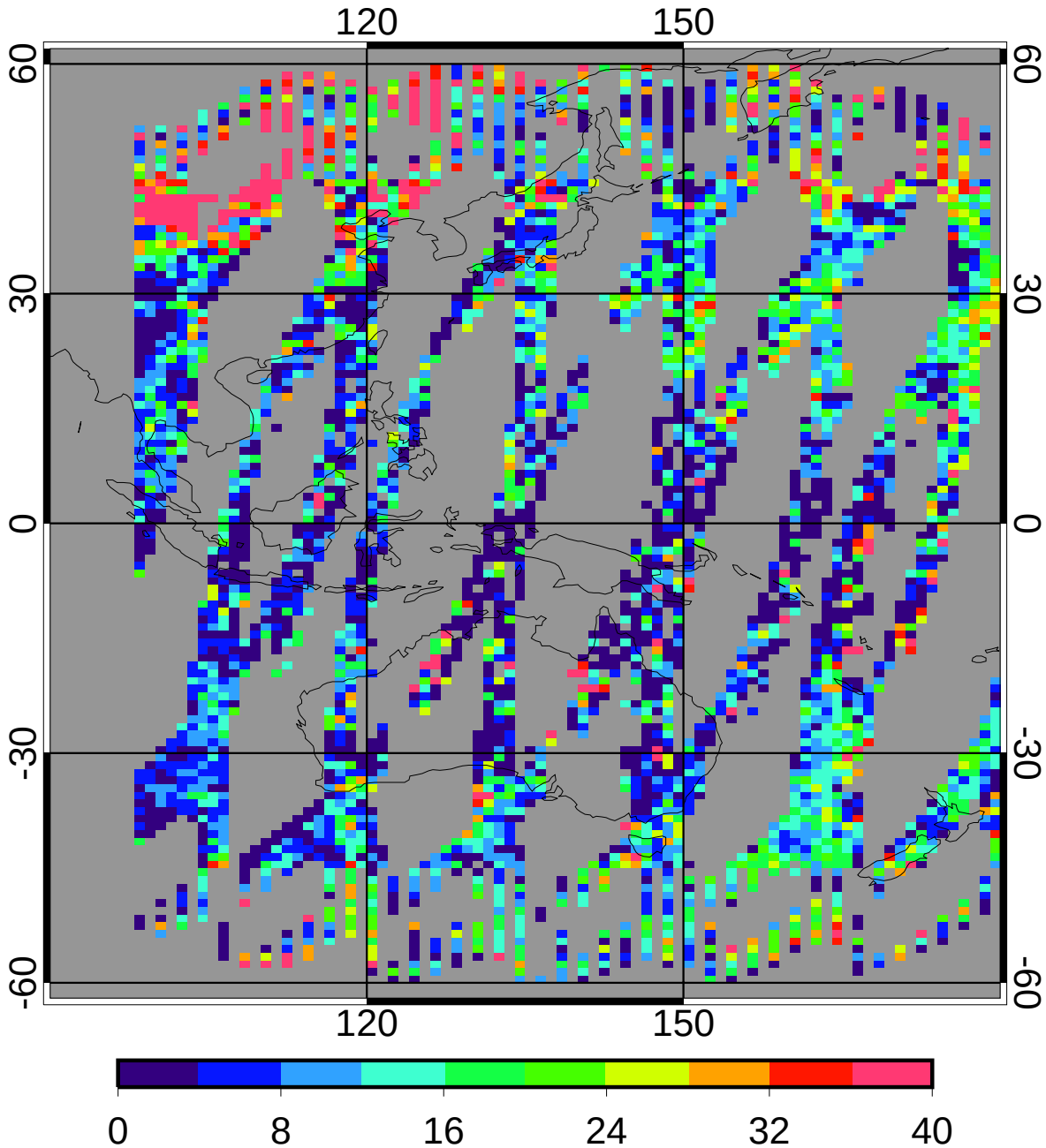
5ch_V01 Jan 2010 (matched angle)



bias	7.36	11.35%
domain sigma	10.15	15.66%

GGEO - CERES/Aqua Nighttime Cloud Amount (%) RMS

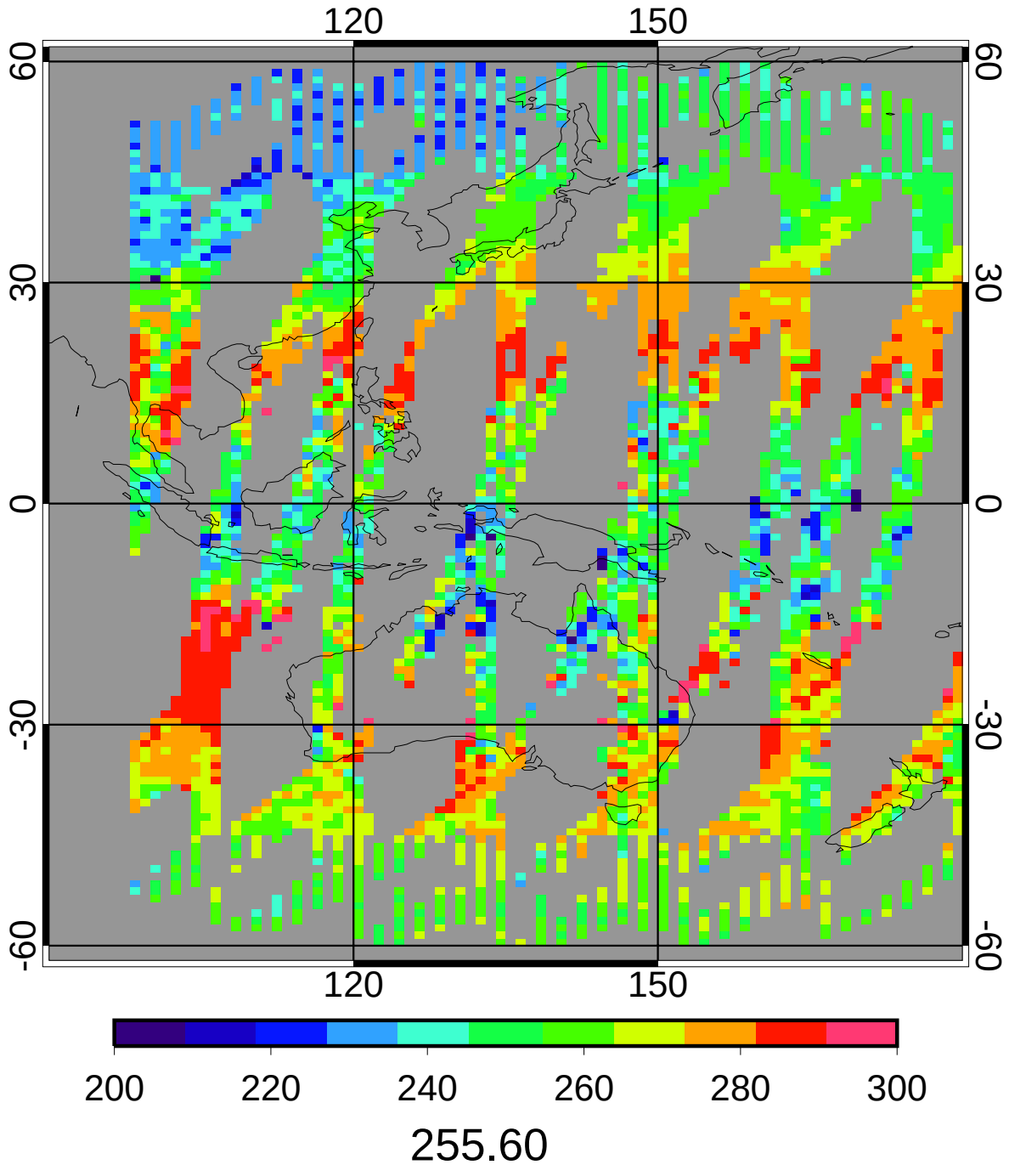
5ch_V01 Jan 2010 (matched angle)



regave rms	12.27	18.92%
domain rms	15.99	24.67%

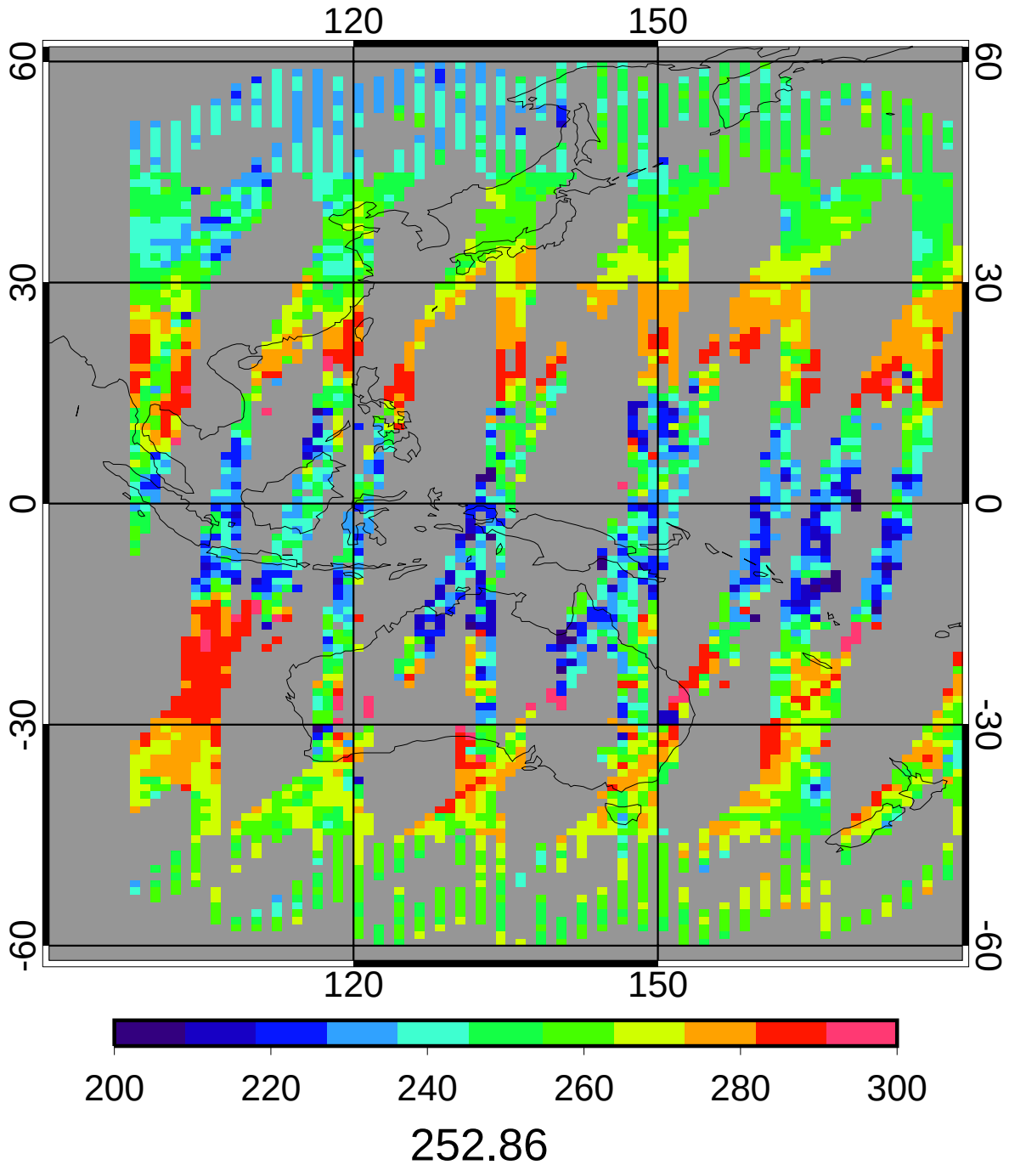
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



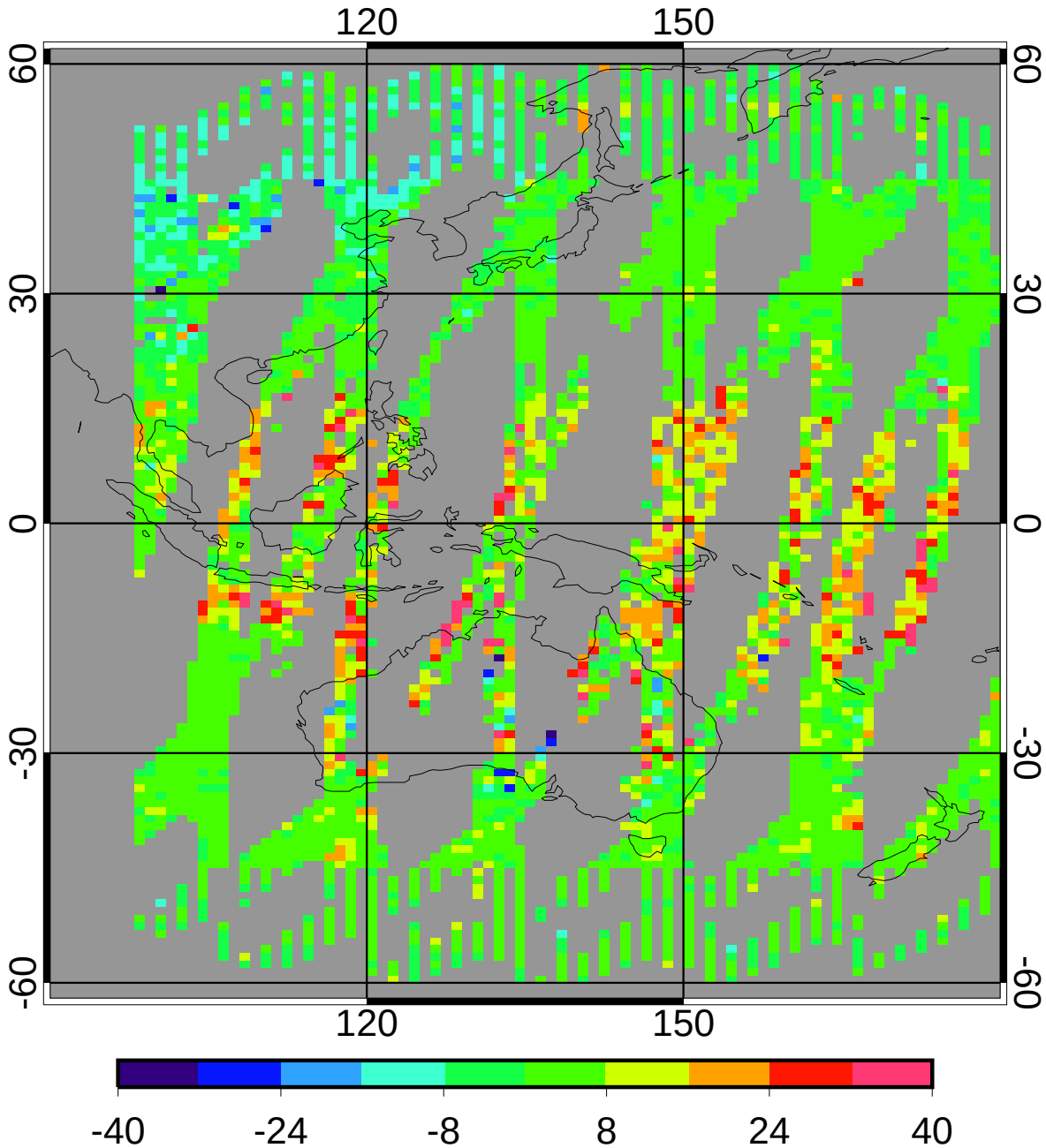
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Temperature (K) Bias

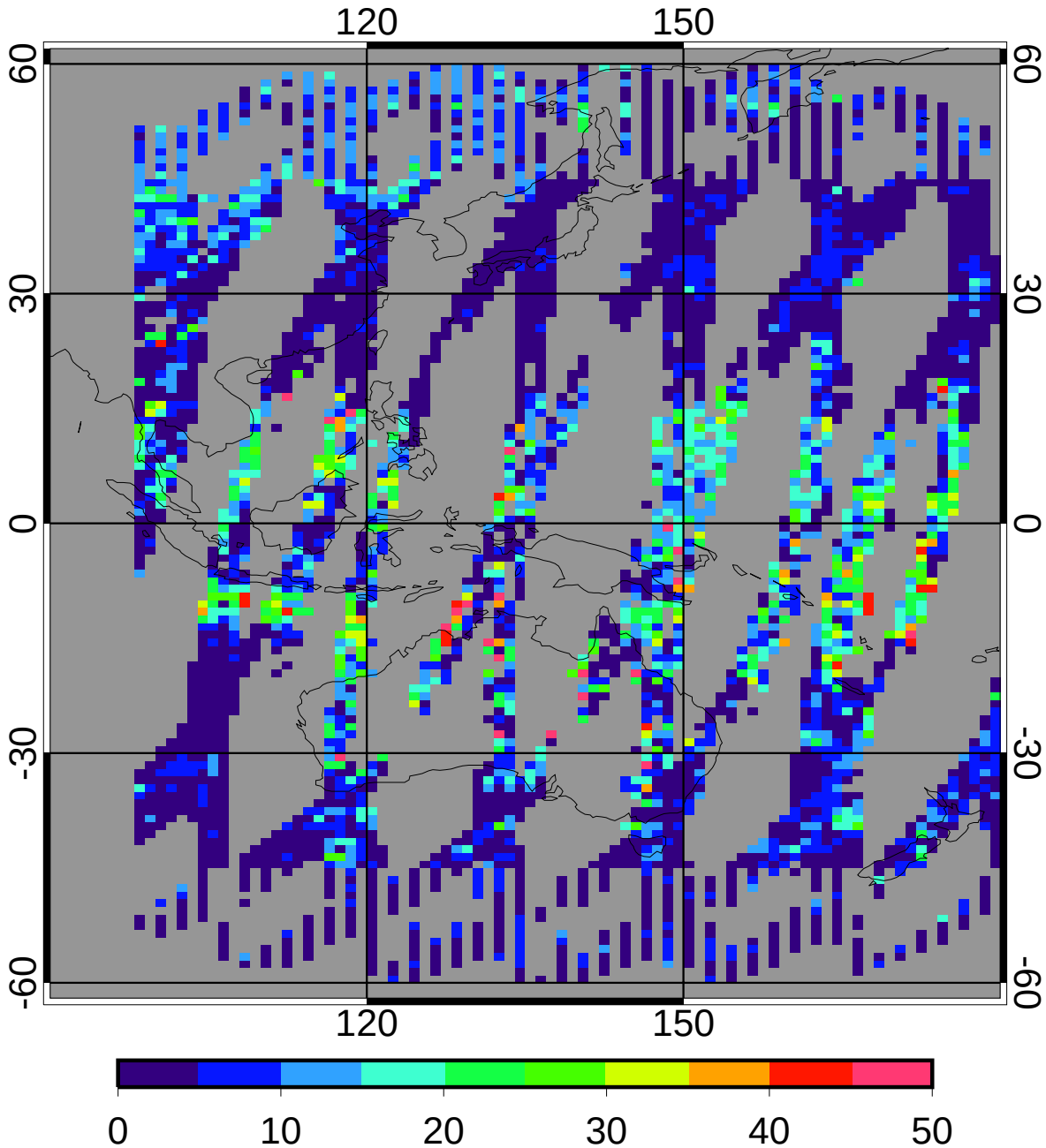
5ch_V01 Jan 2010 (matched angle)



bias	4.54	1.80%
domain sigma	8.67	3.43%

GGEO - CERES/Aqua Nighttime Cloud Temperature (K) RMS

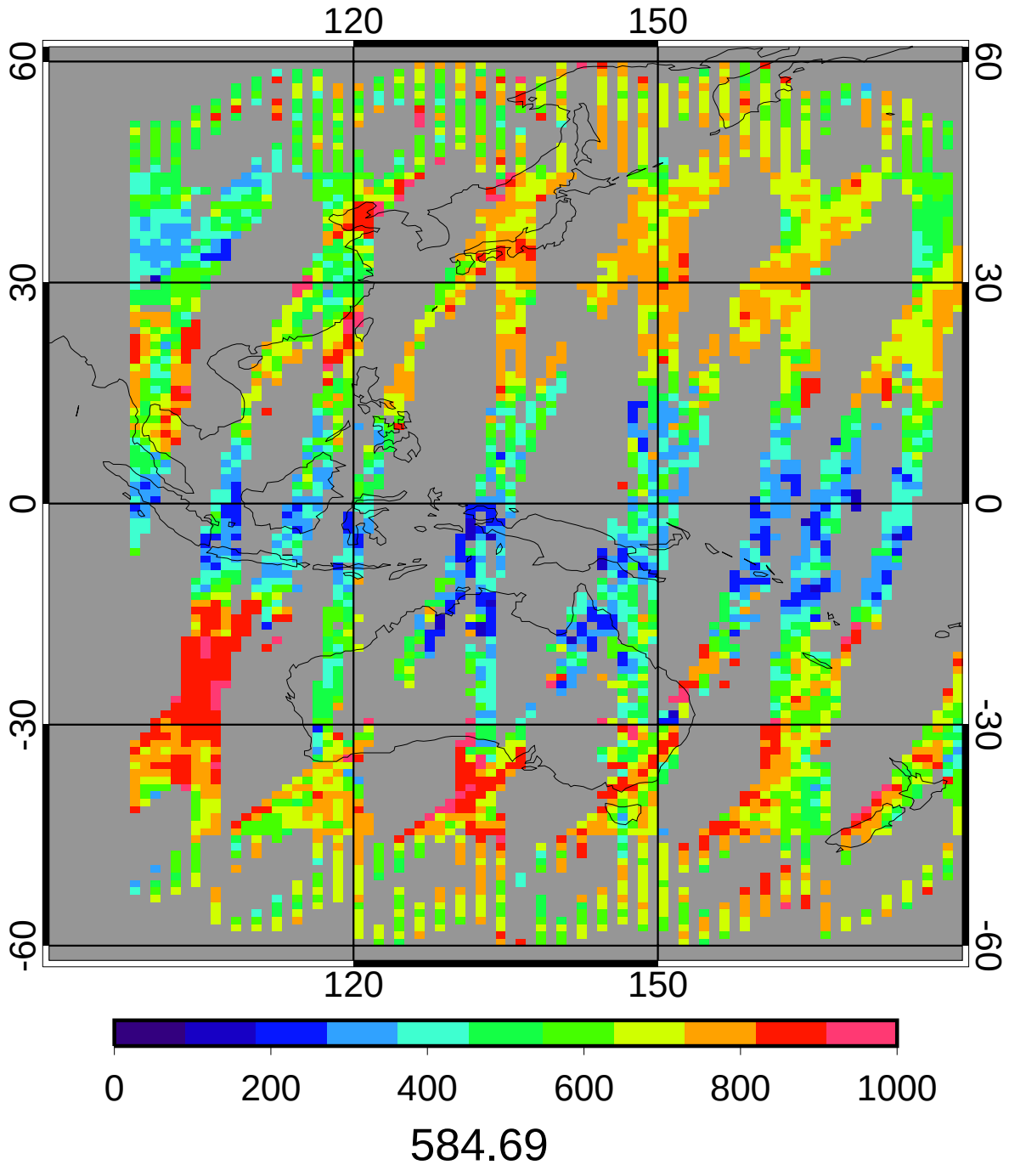
5ch_V01 Jan 2010 (matched angle)



regave rms	7.93	3.14%
domain rms	9.84	3.89%

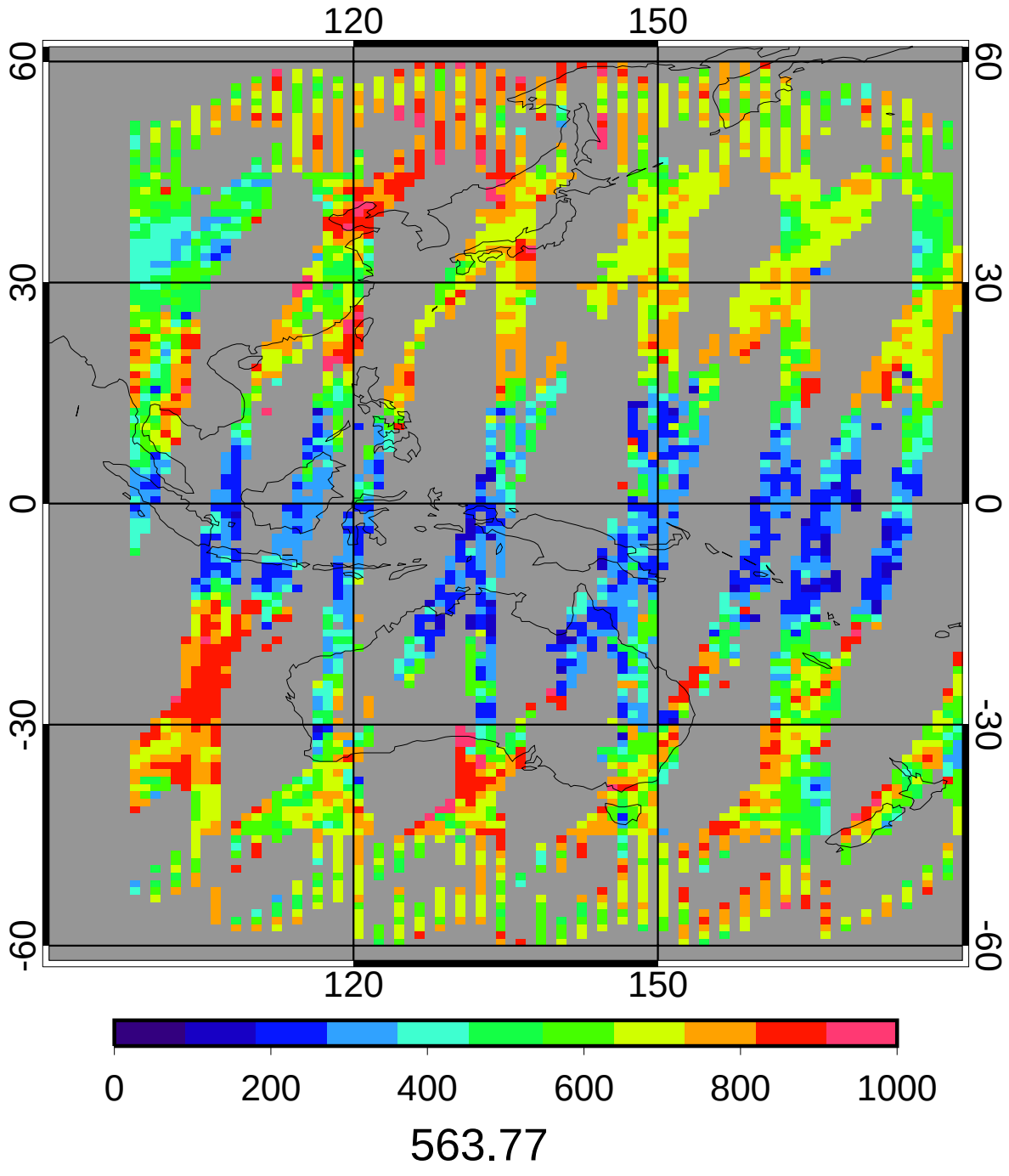
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



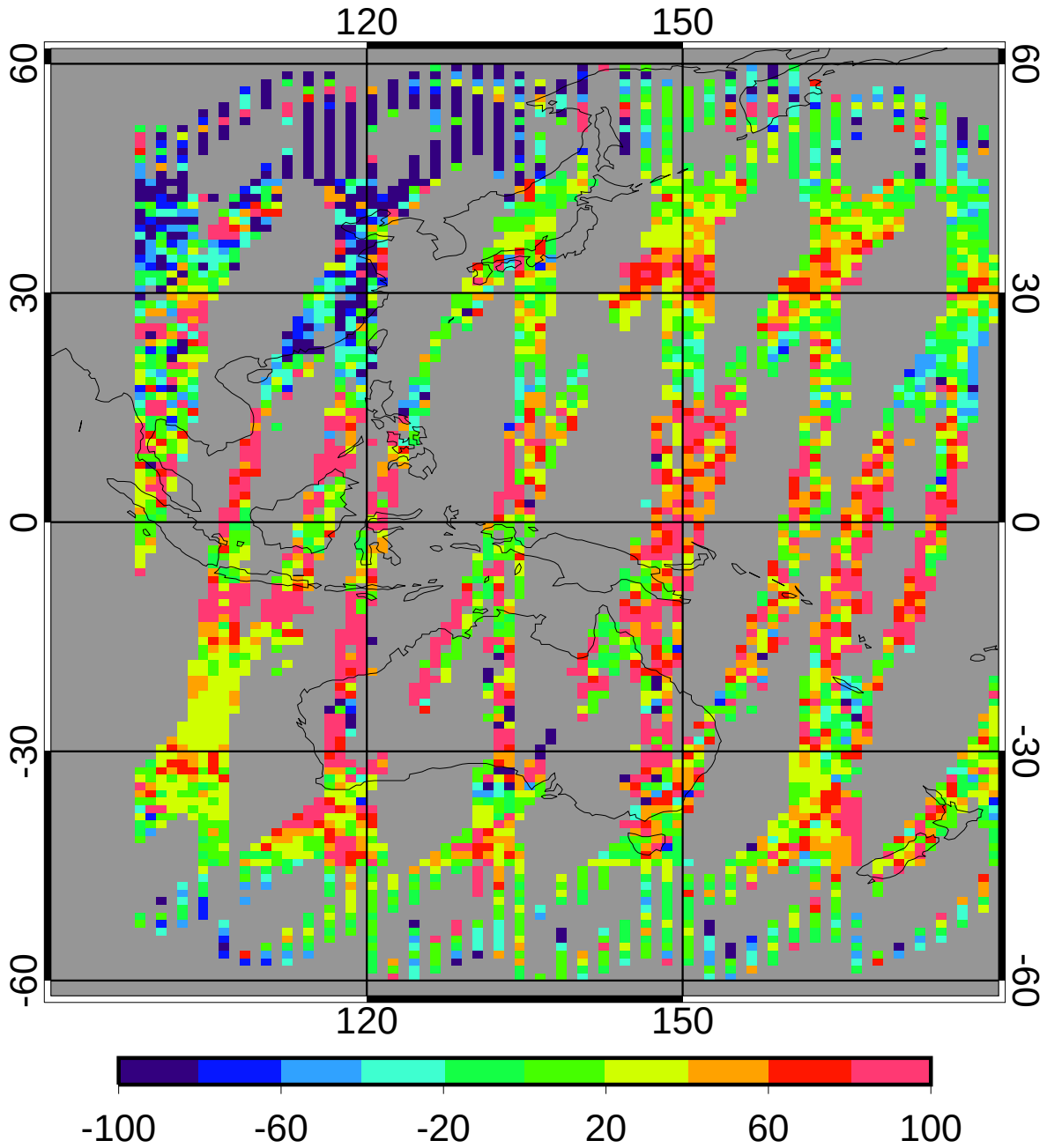
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Eff Pressure (mb) Bias

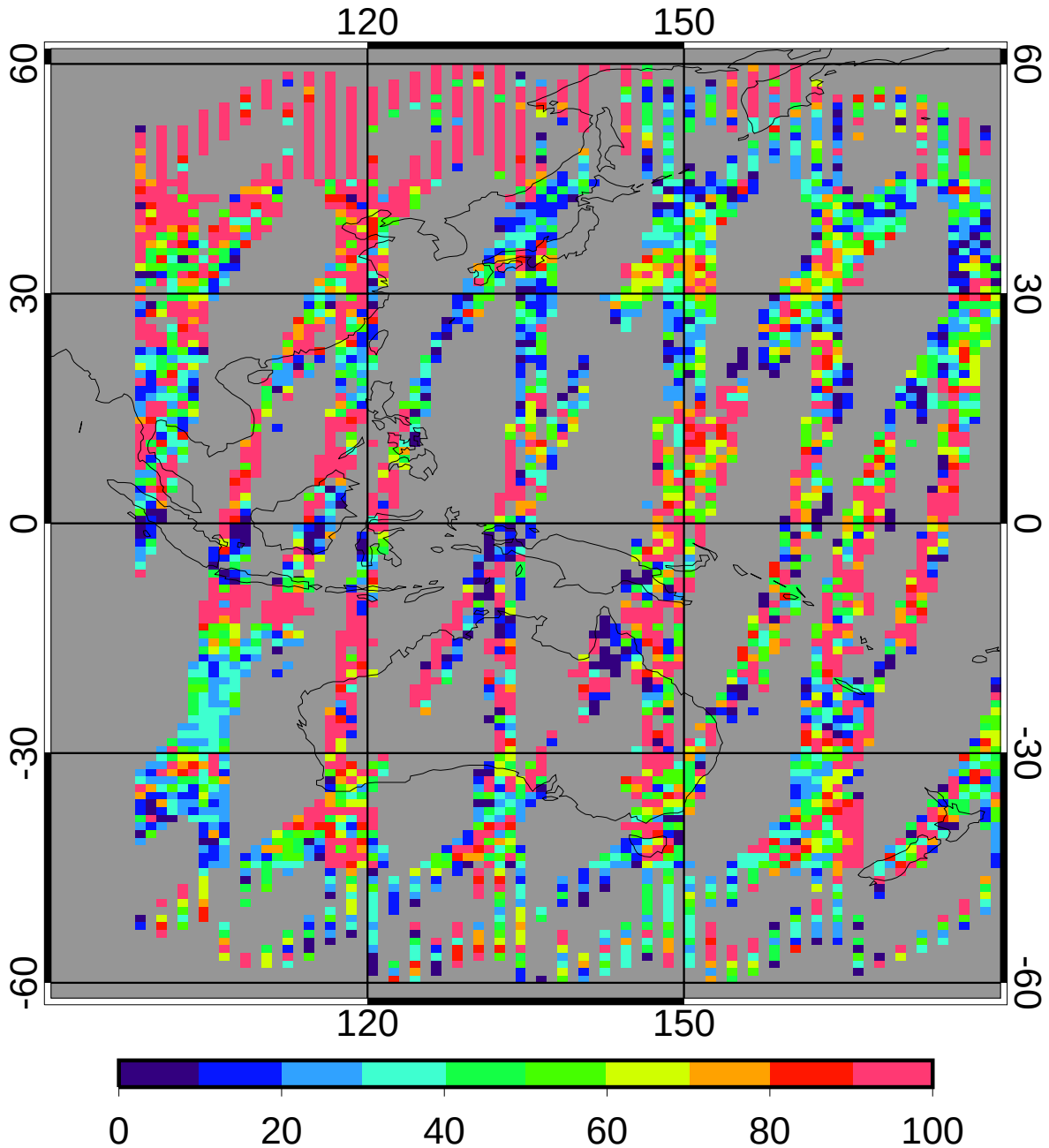
5ch_V01 Jan 2010 (matched angle)



bias	25.64	4.55%
domain sigma	71.56	12.69%

GGEO - CERES/Aqua Nighttime Cloud Eff Pressure (mb) RMS

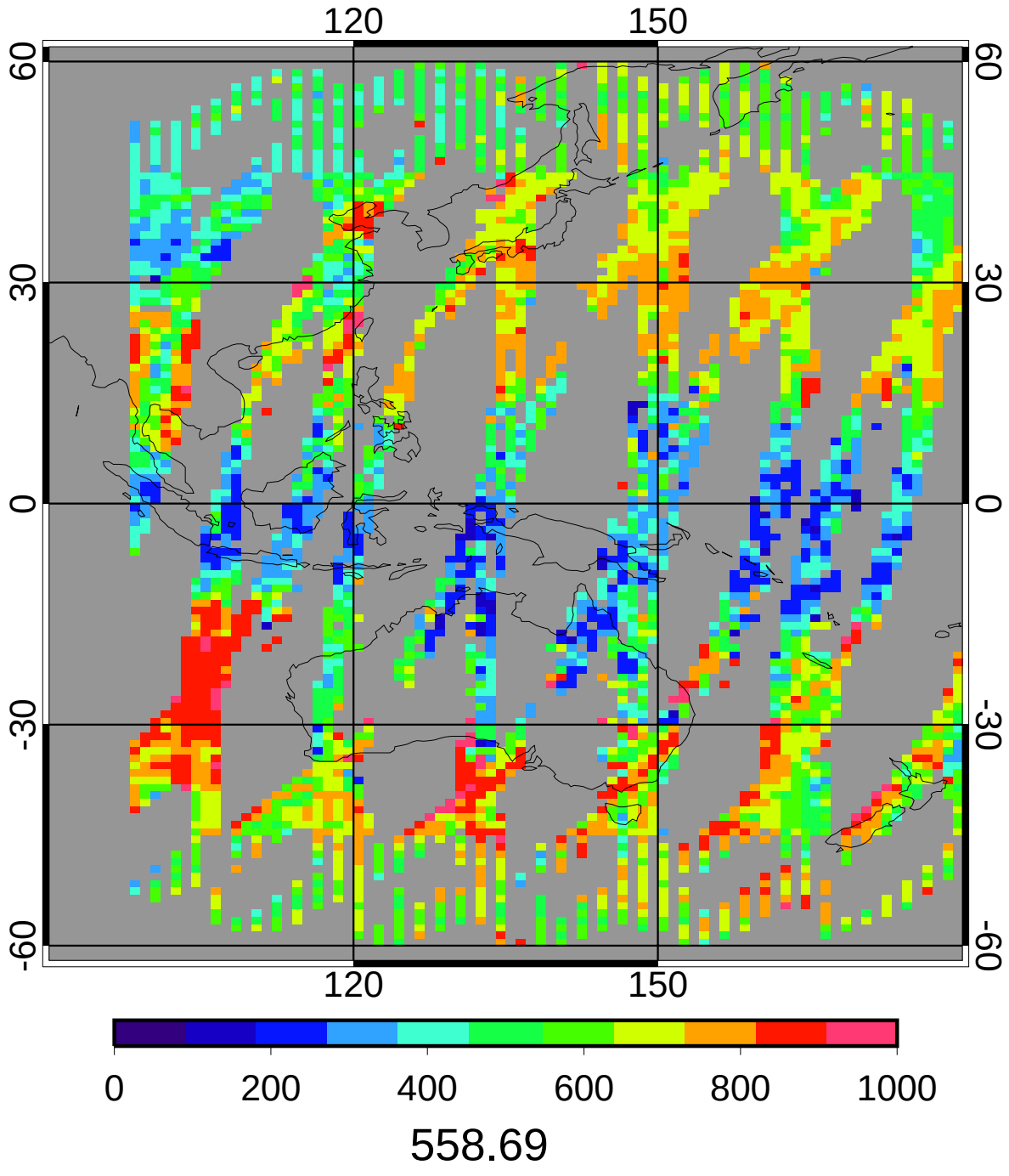
5ch_V01 Jan 2010 (matched angle)



regave rms	72.85	12.92%
domain rms	89.22	15.83%

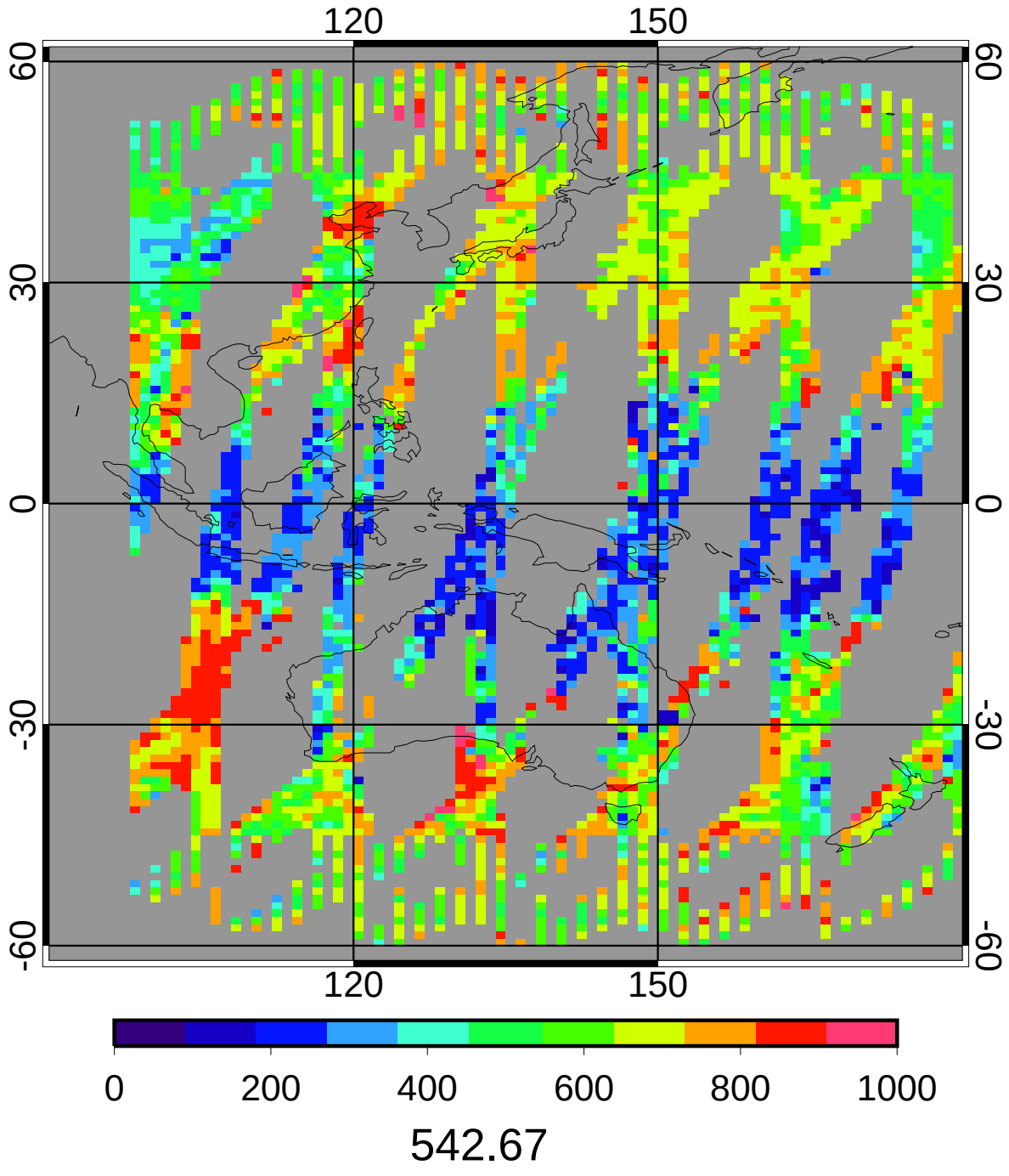
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



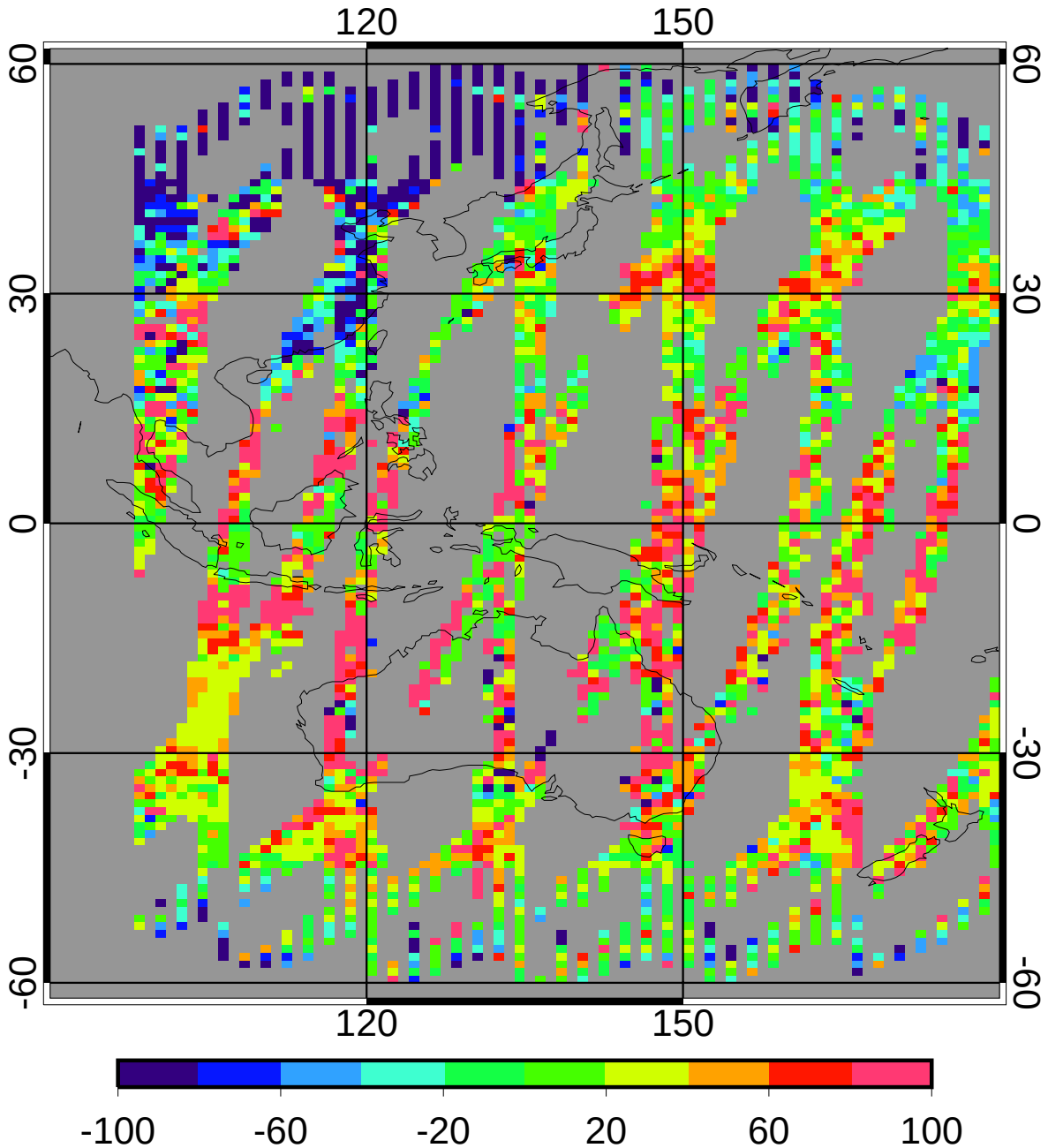
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Top Pressure (mb) Bias

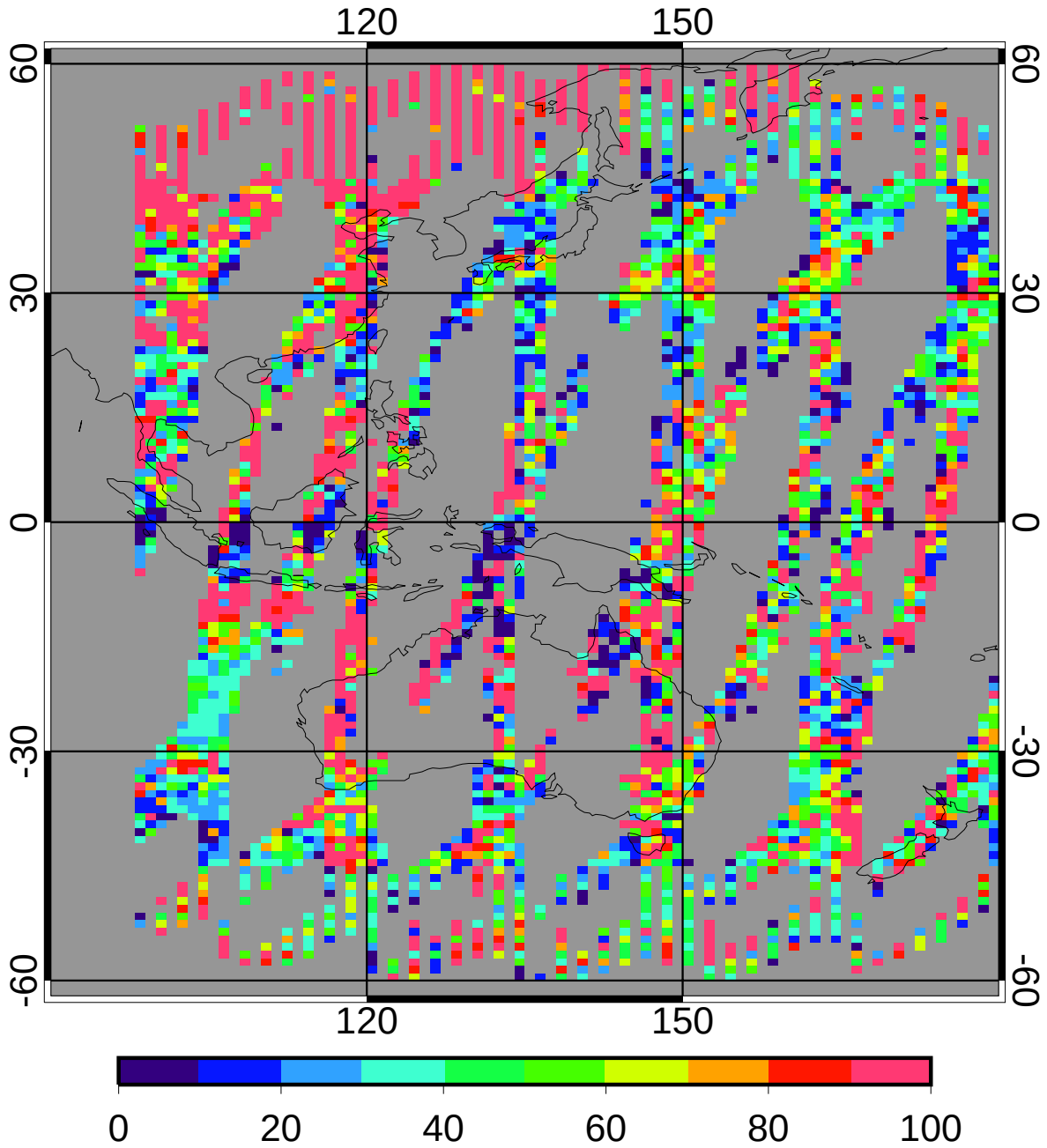
5ch_V01 Jan 2010 (matched angle)



bias	20.57	3.79%
domain sigma	72.18	13.30%

GGEO - CERES/Aqua Nighttime Cloud Top Pressure (mb) RMS

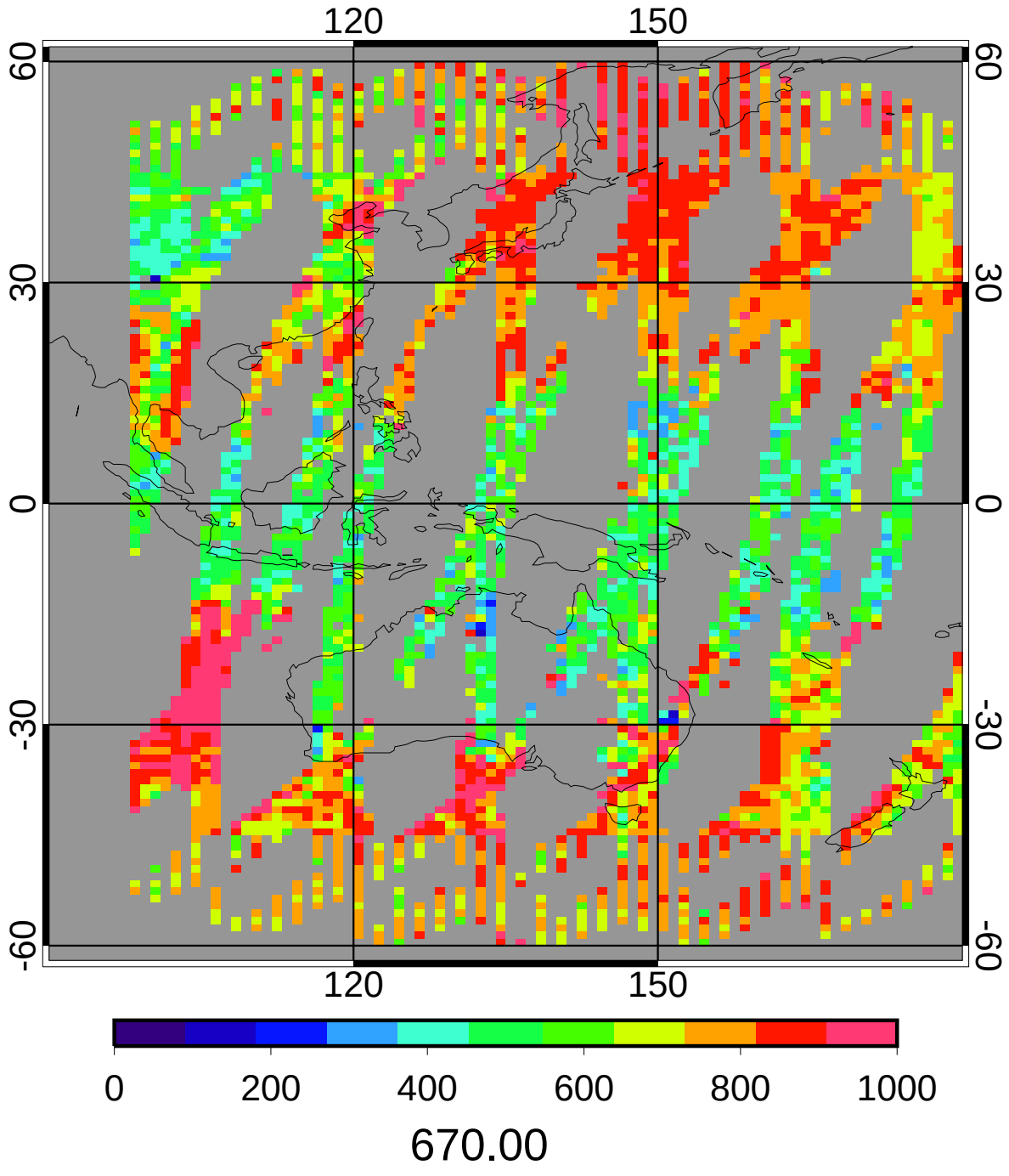
5ch_V01 Jan 2010 (matched angle)



regave rms	71.52	13.18%
domain rms	87.82	16.18%

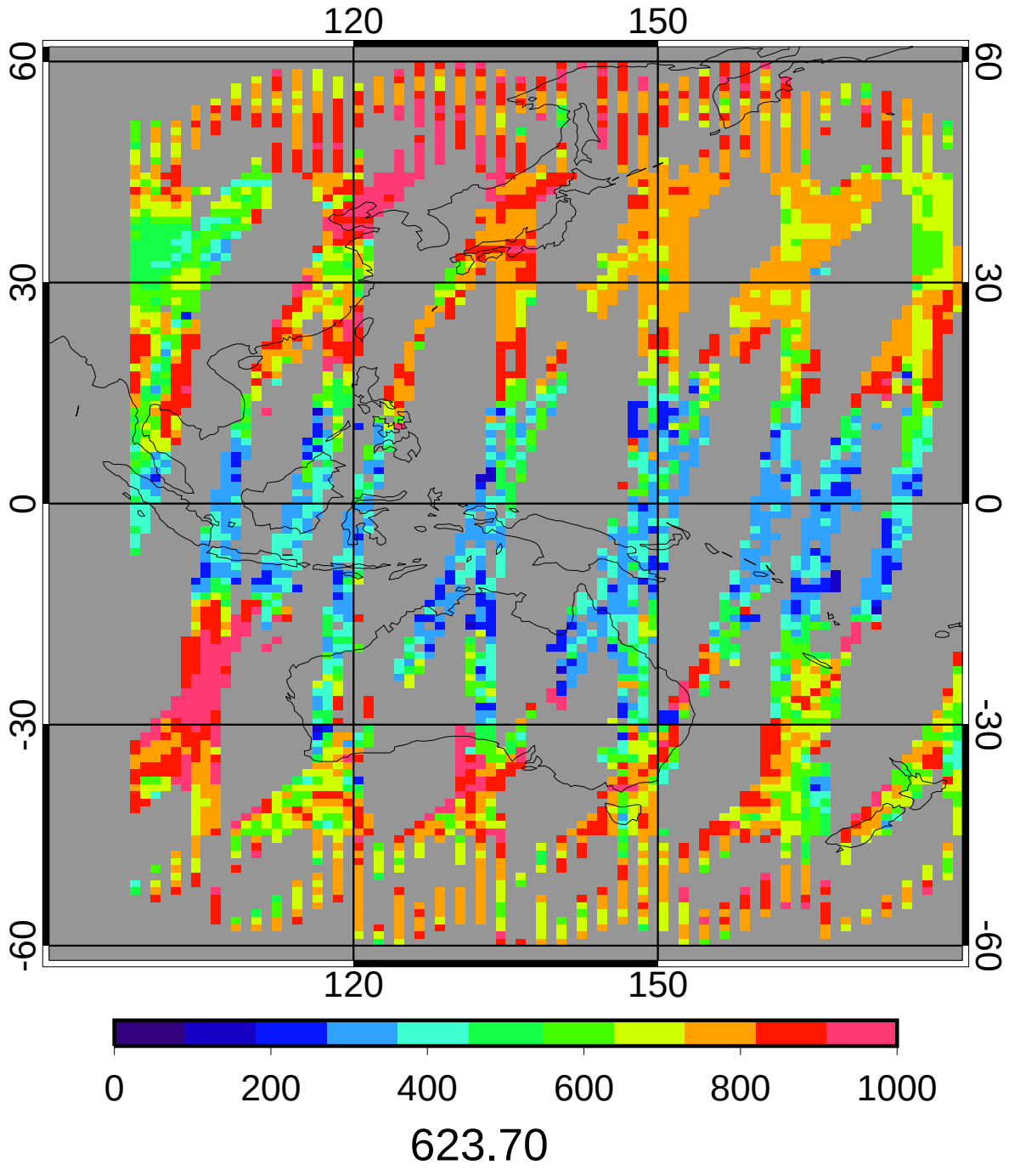
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



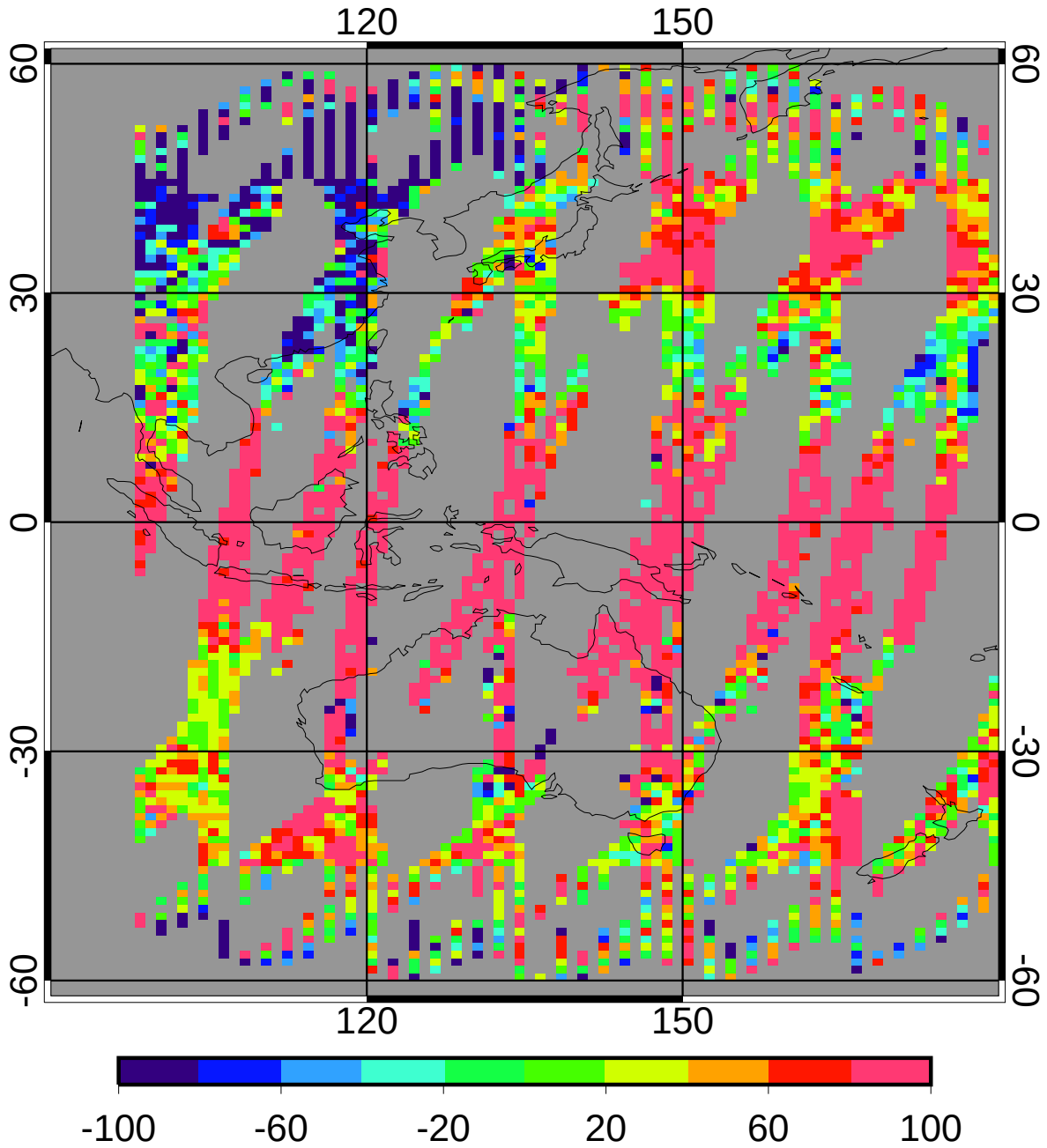
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Base Pressure (mb) Bias

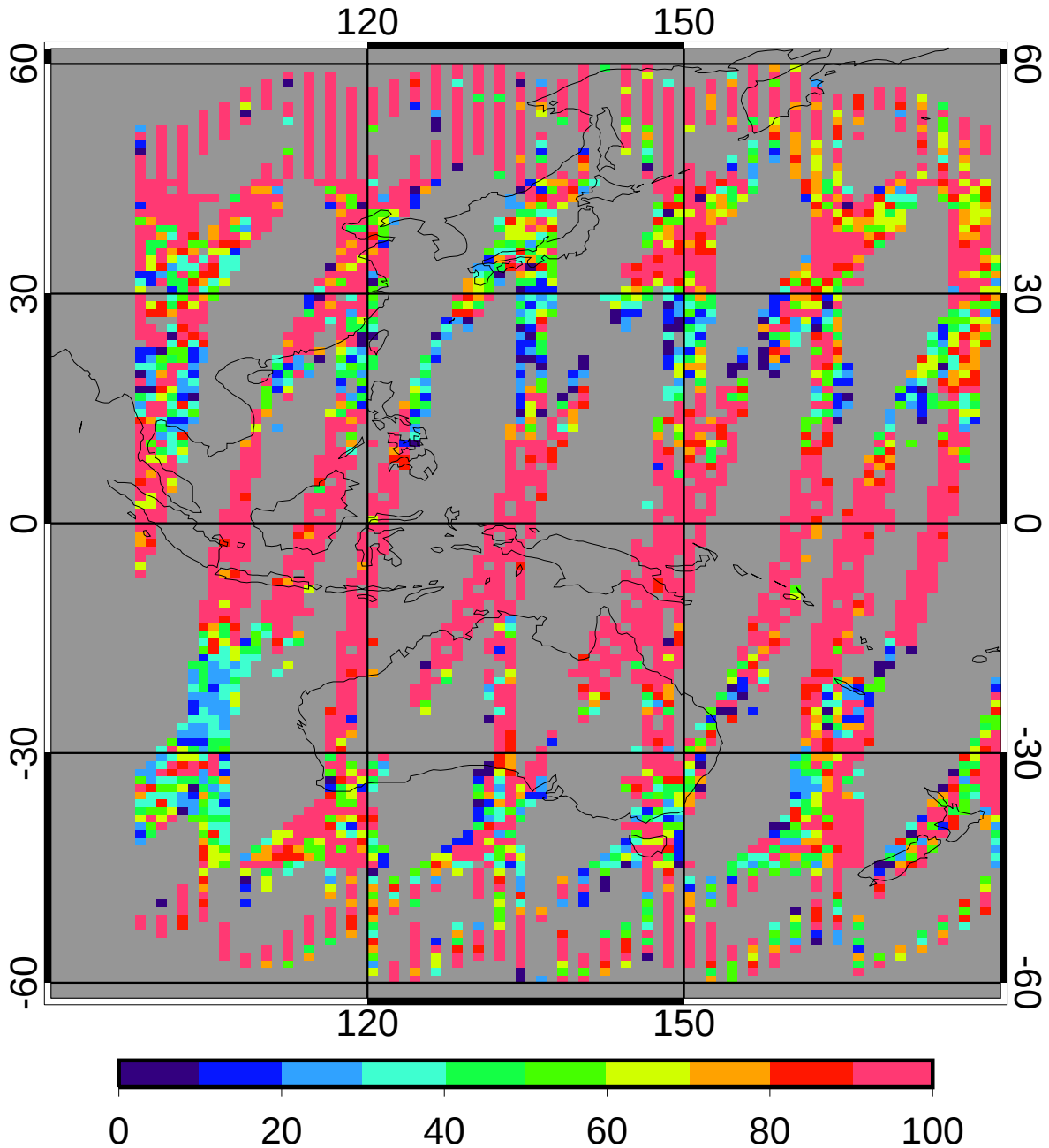
5ch_V01 Jan 2010 (matched angle)



bias	51.32	8.23%
domain sigma	91.60	14.69%

GGEO - CERES/Aqua Nighttime Cloud Base Pressure (mb) RMS

5ch_V01 Jan 2010 (matched angle)

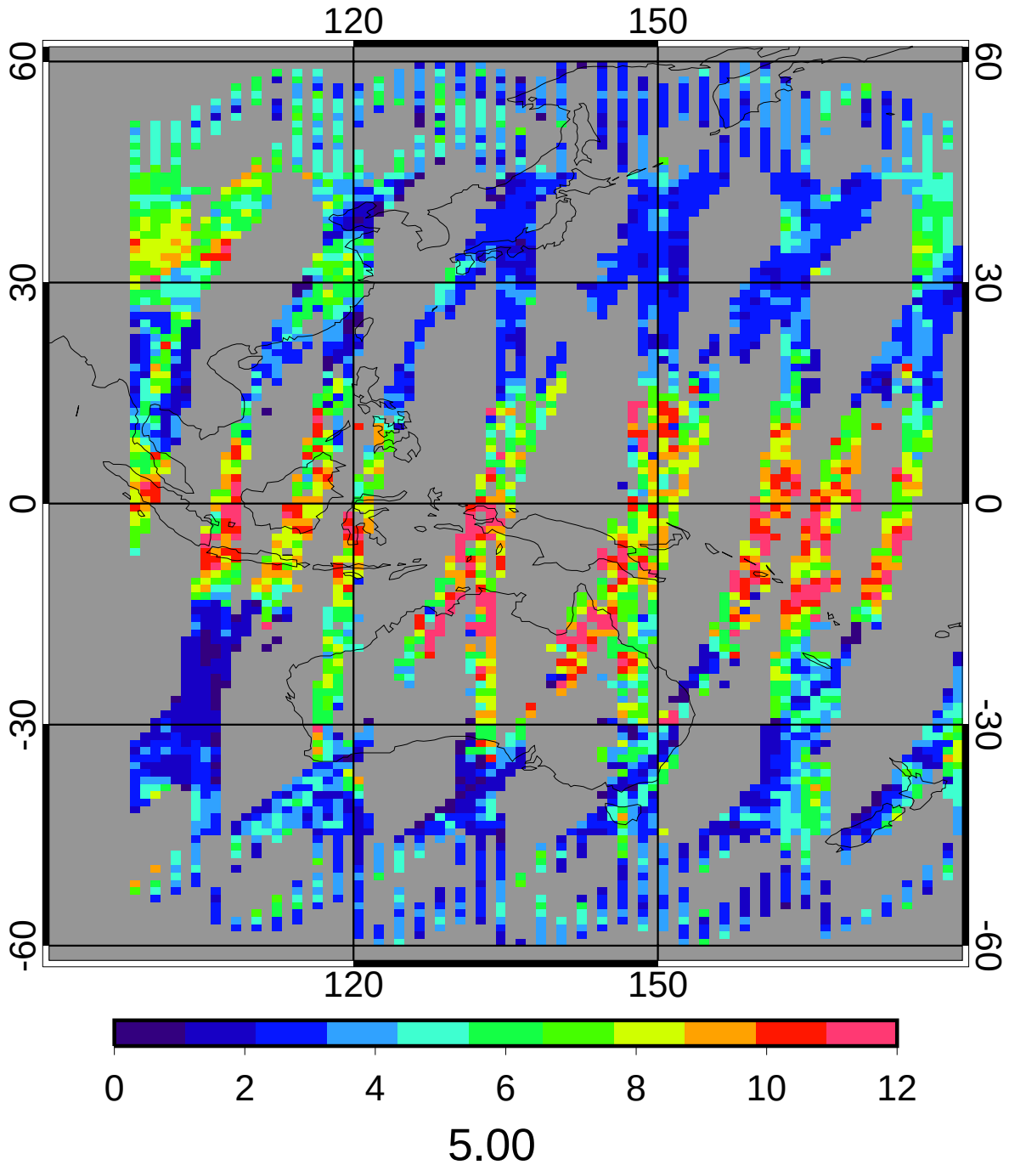


regave rms 105.25 16.88%

domain rms 115.61 18.54%

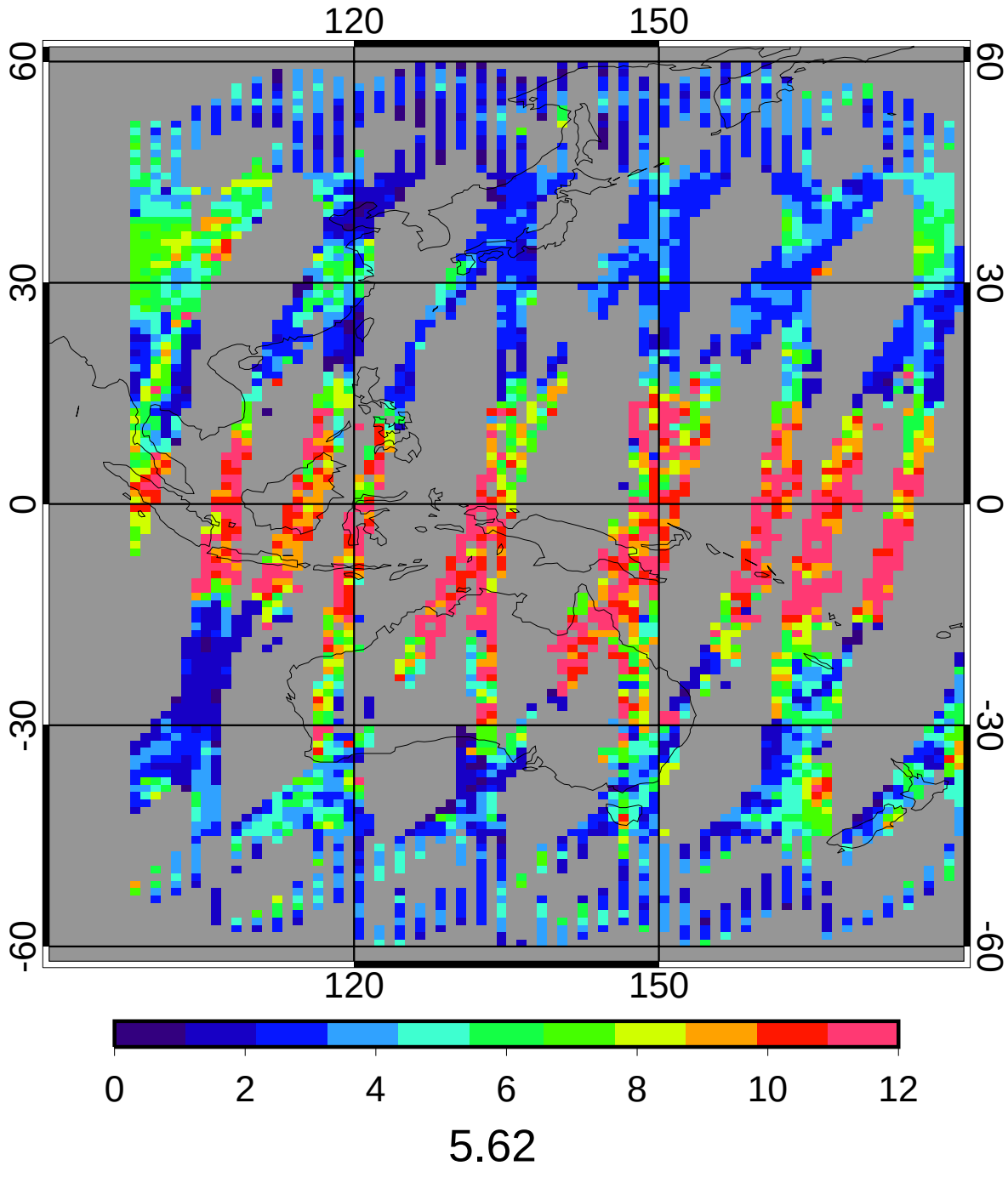
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



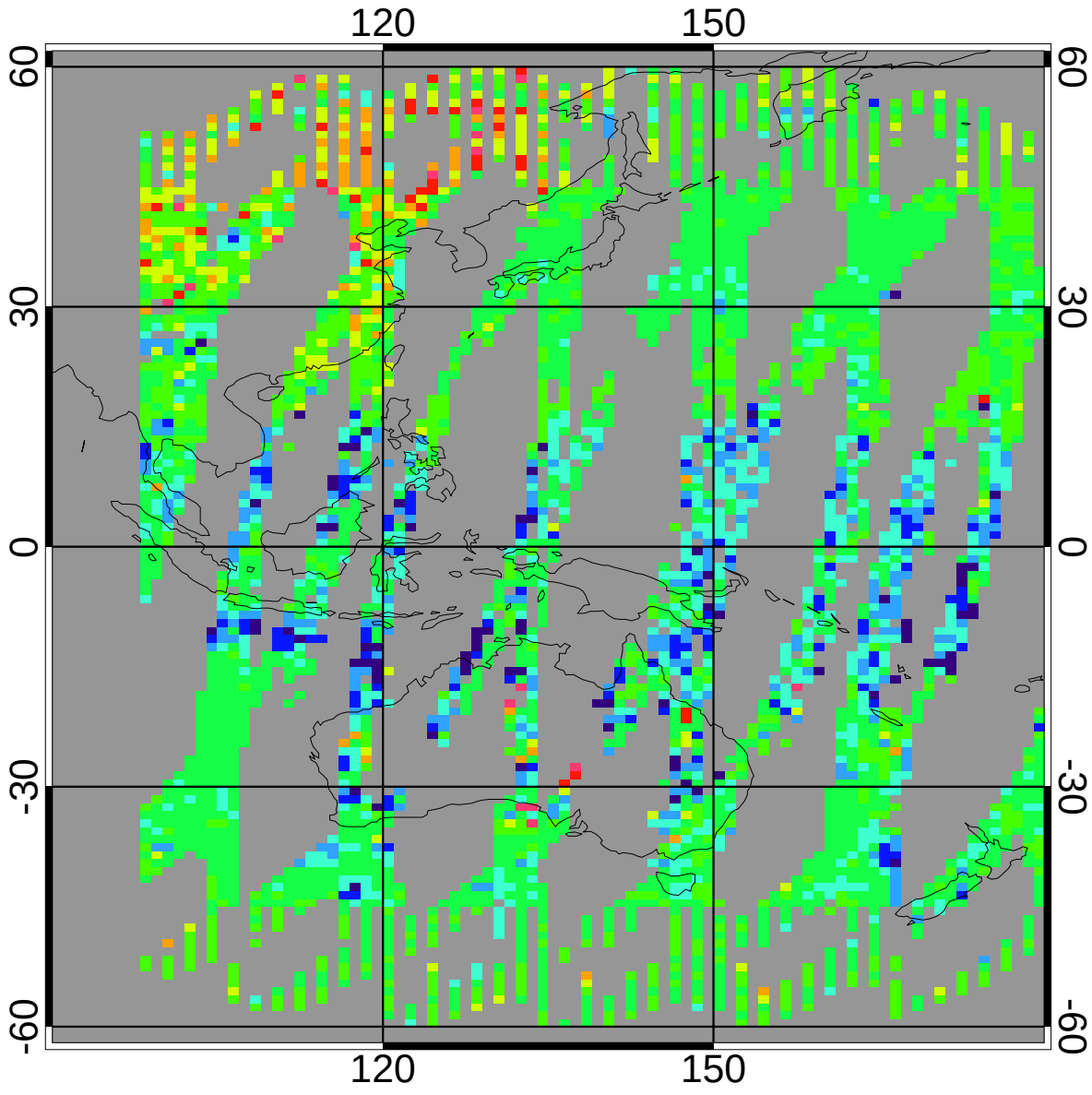
CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Eff Height (km) Bias

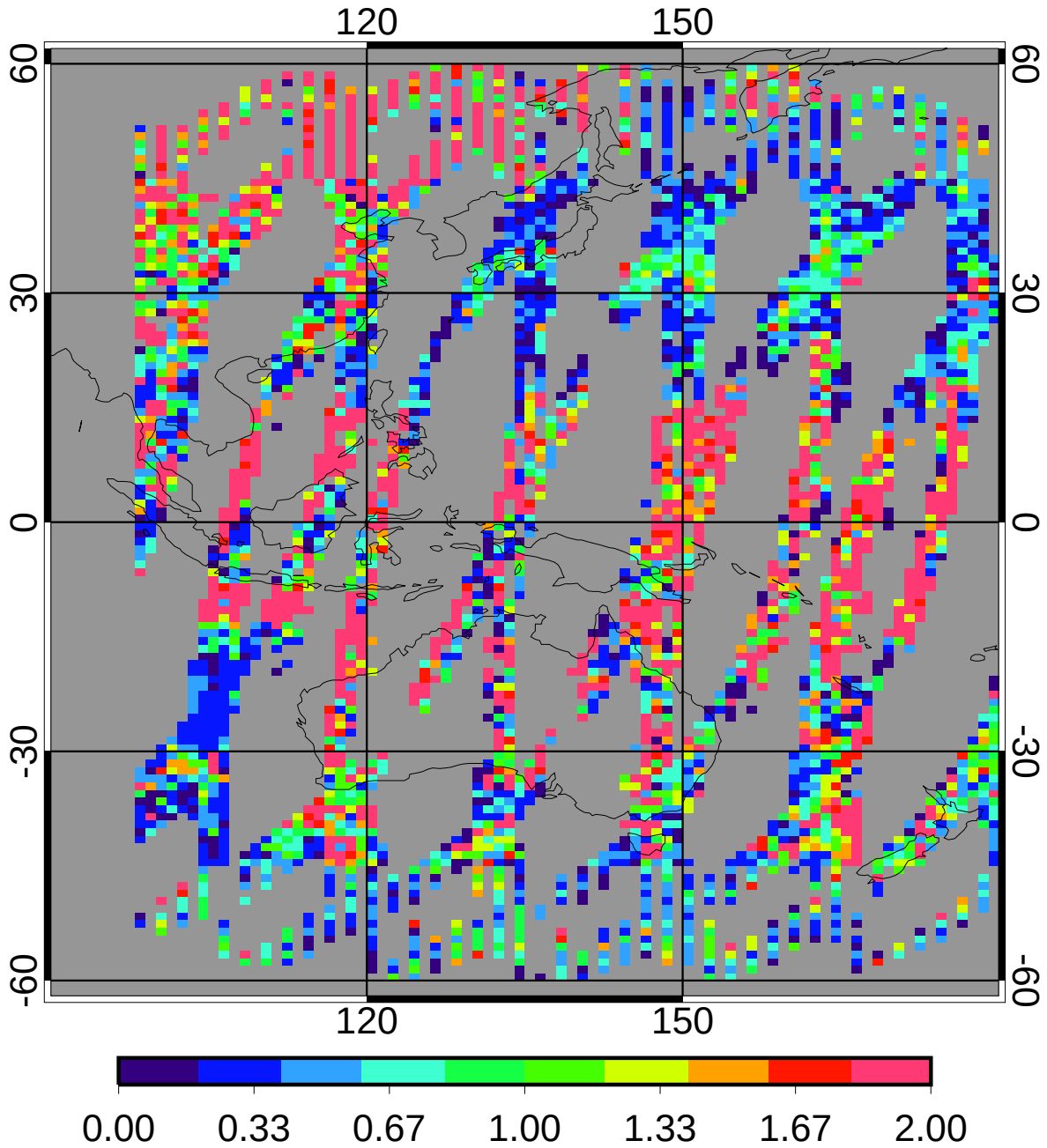
5ch_V01 Jan 2010 (matched angle)



bias	-0.60	-10.61%
domain sigma	1.30	23.16%

GGEO - CERES/Aqua Nighttime Cloud Eff Height (km) RMS

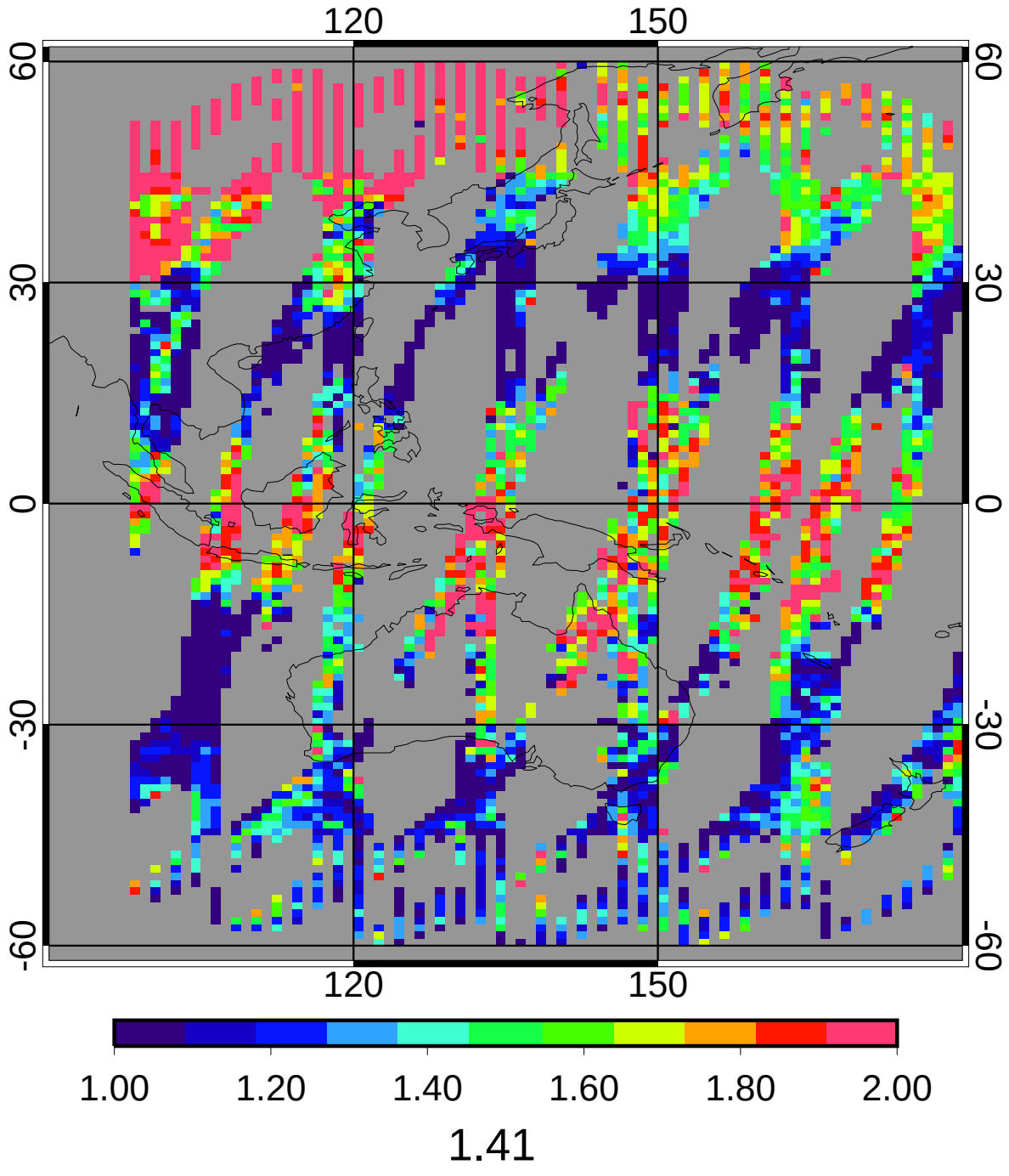
5ch_V01 Jan 2010 (matched angle)



regave rms	1.27	22.63%
domain rms	1.54	27.36%

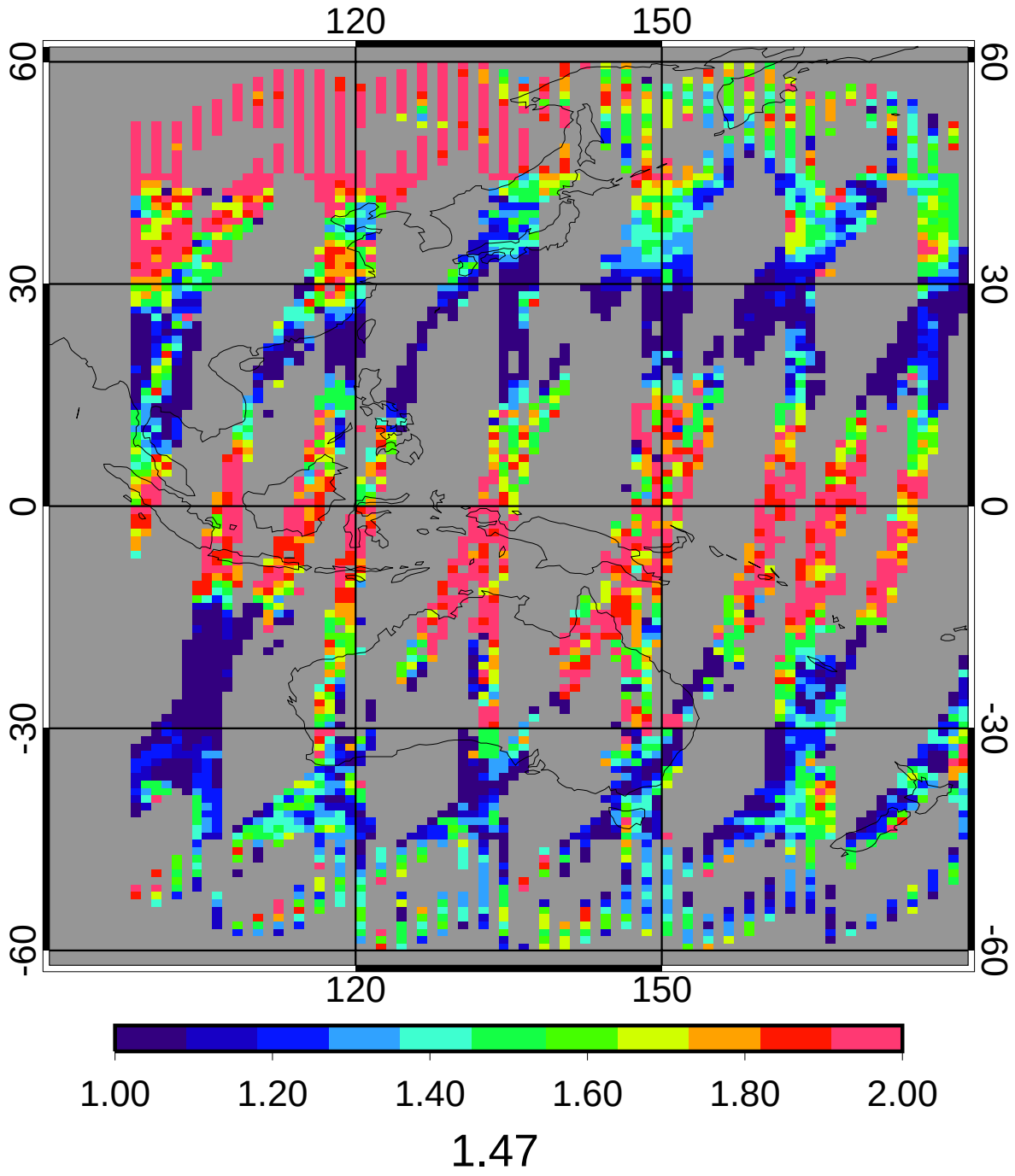
GGEO MEAN Nighttime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



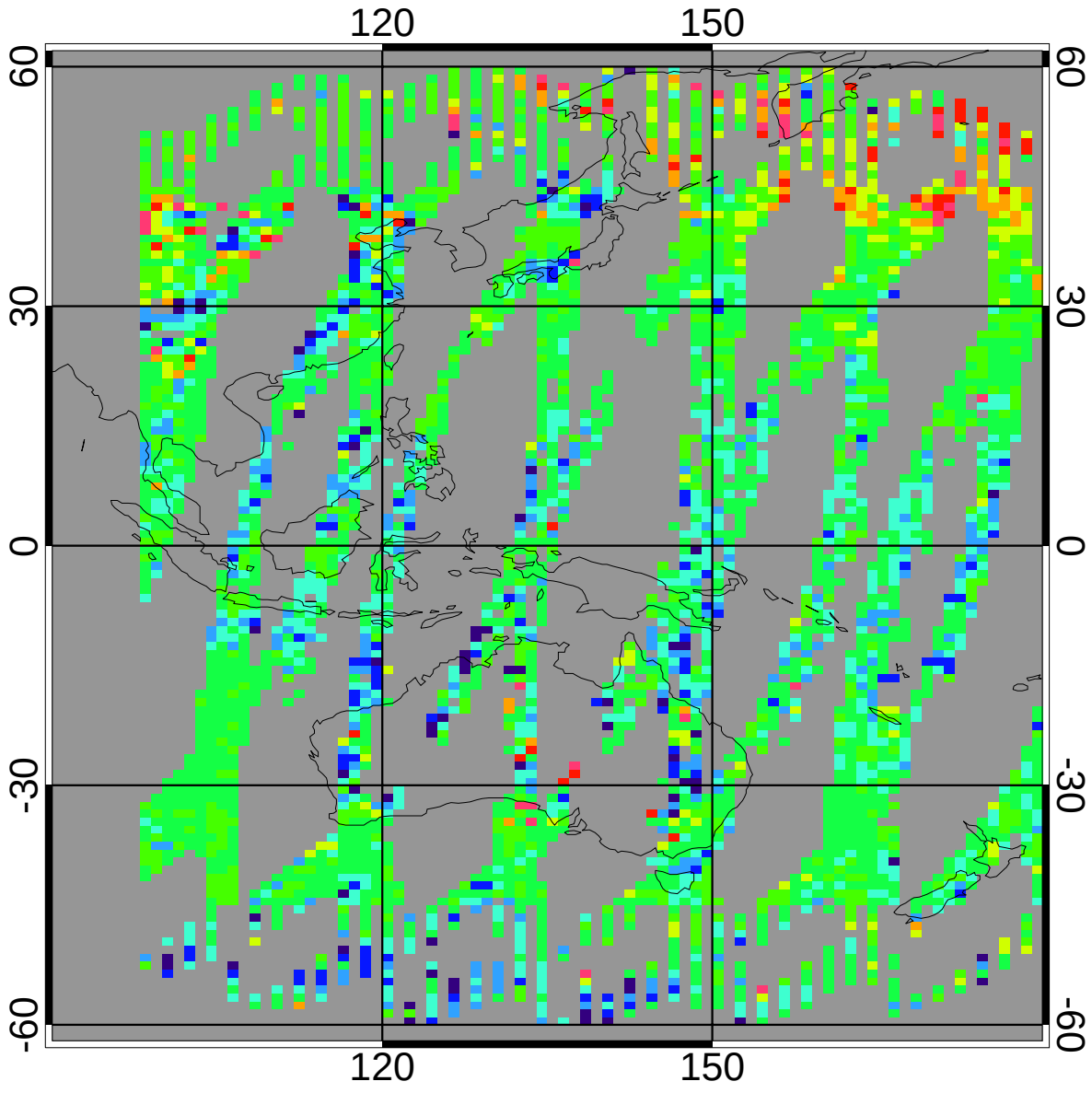
CERES/Aqua MEAN Nighttime Cloud Phase

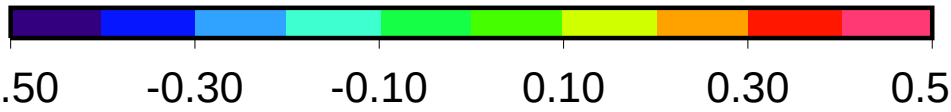
5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

5ch_V01 Jan 2010 (matched angle)

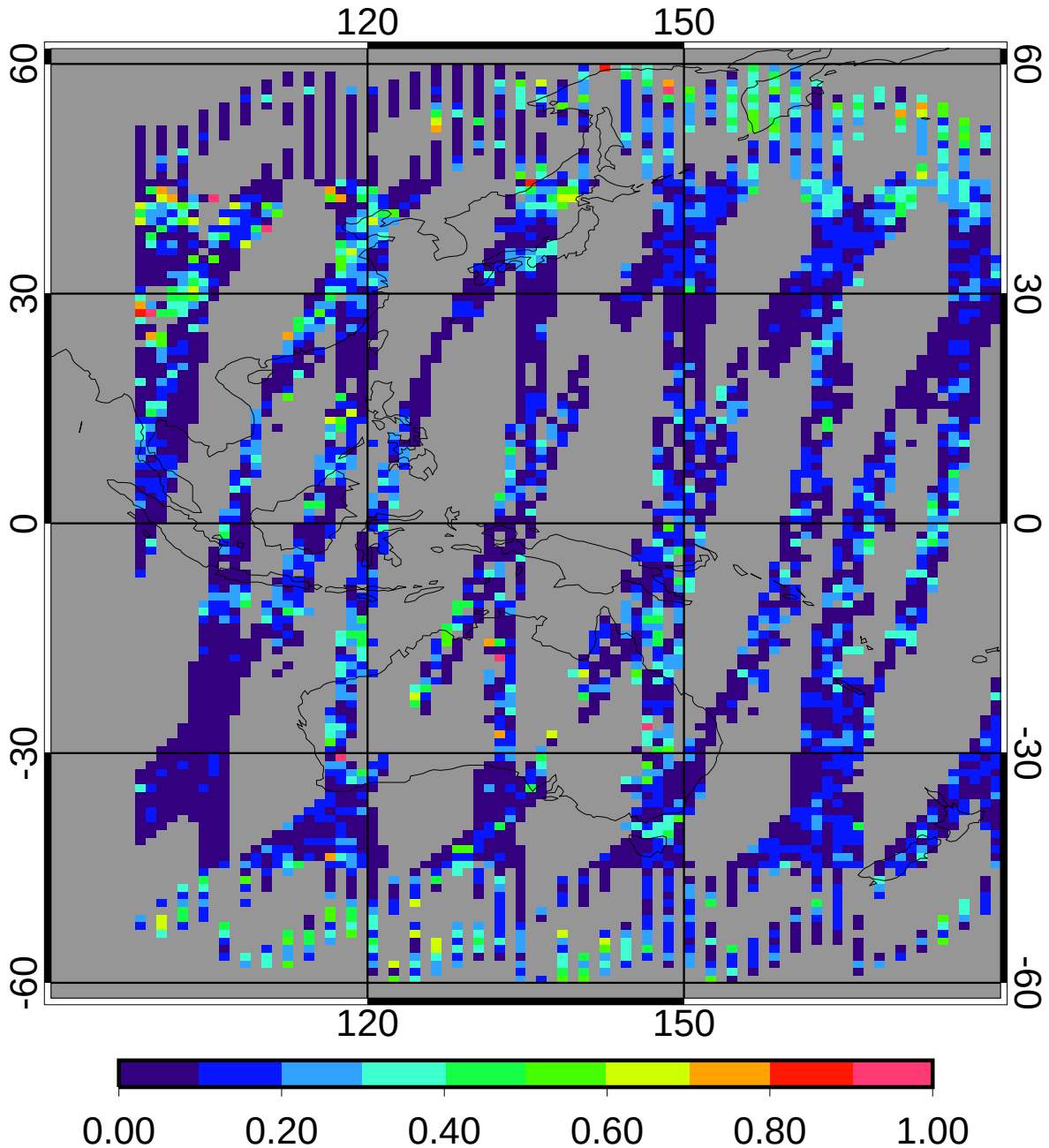




bias	-0.05	-3.30%
domain sigma	0.12	8.49%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

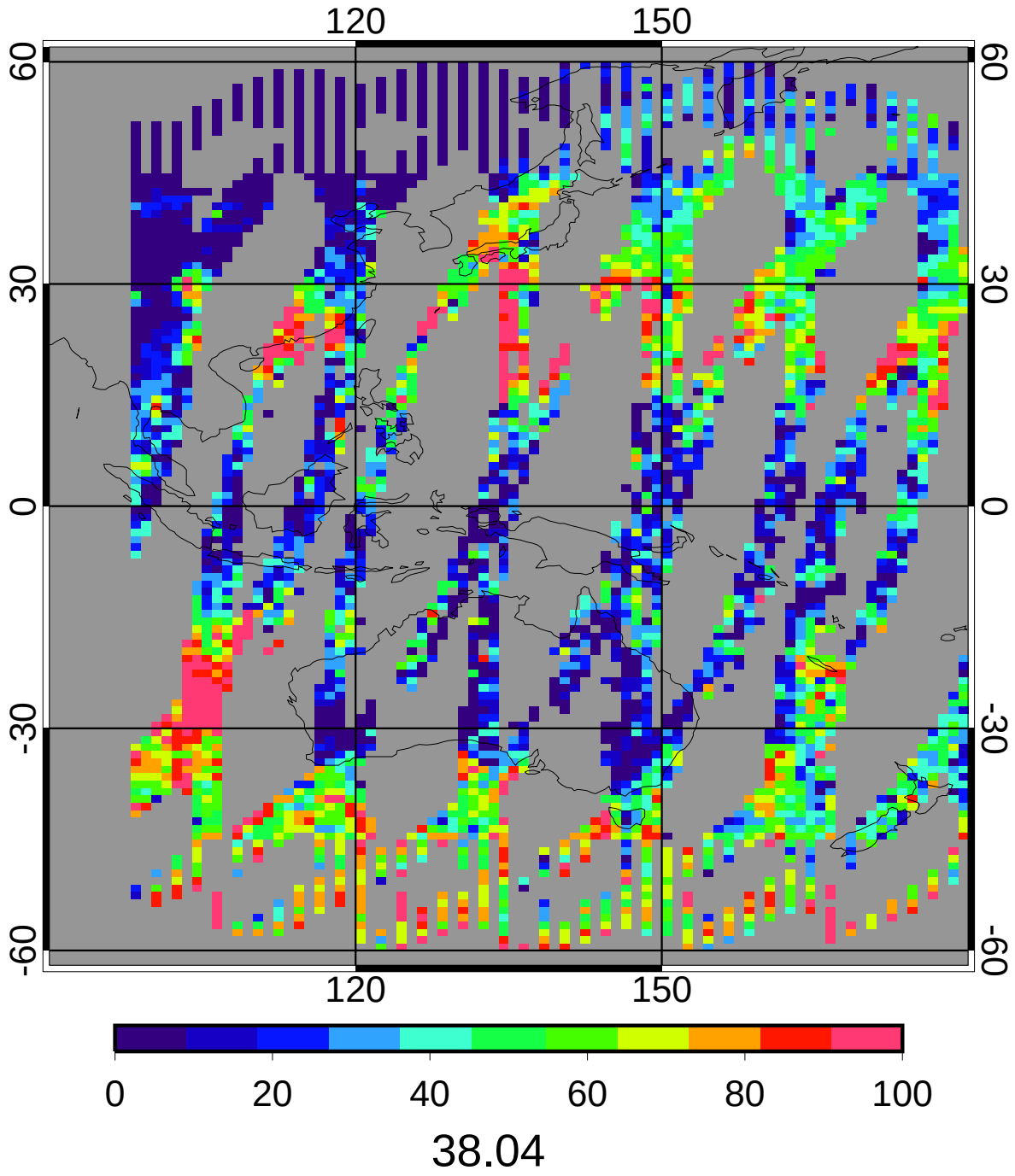
5ch_V01 Jan 2010 (matched angle)



regave rms	0.13	8.77%
domain rms	0.18	11.94%

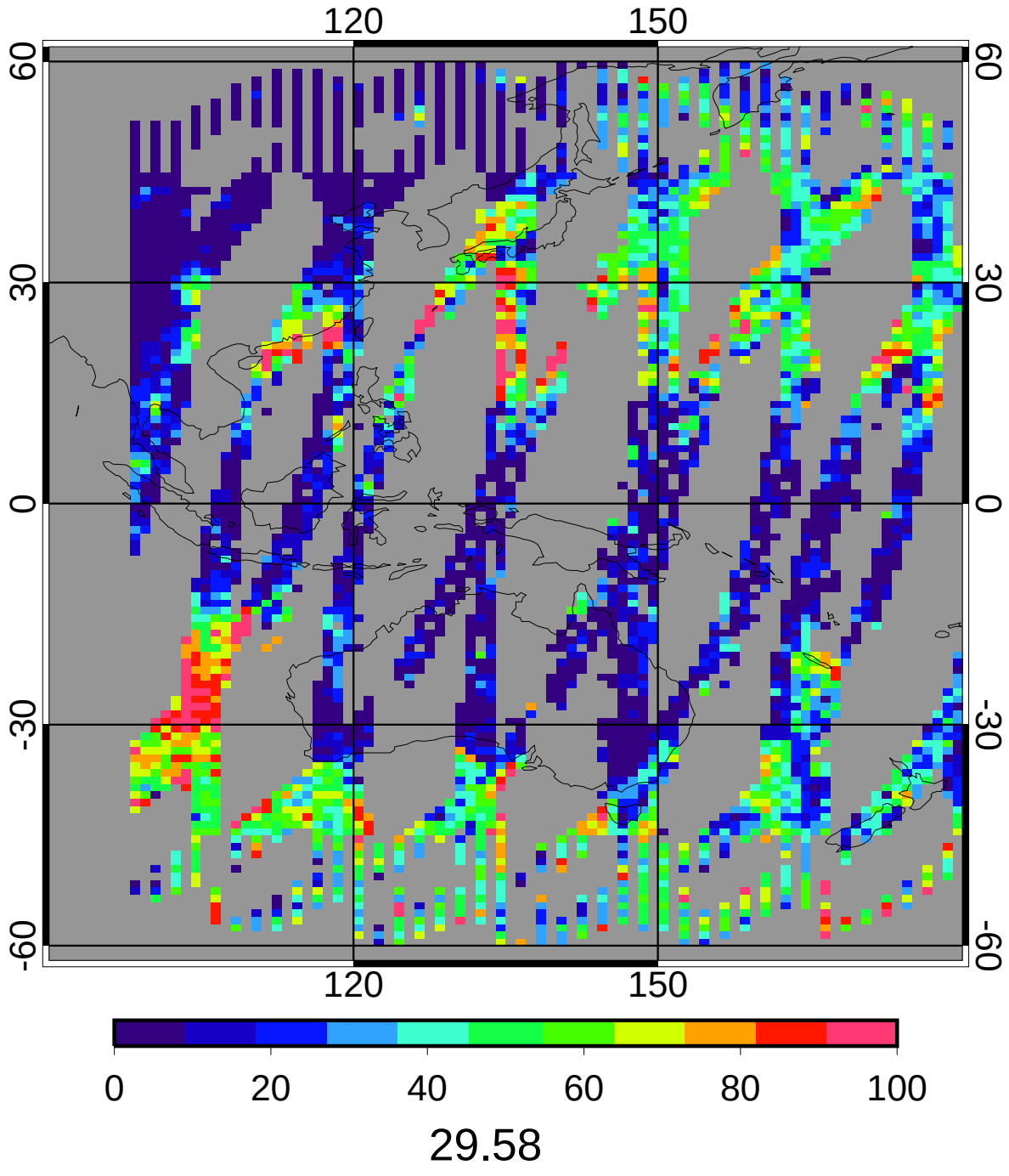
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



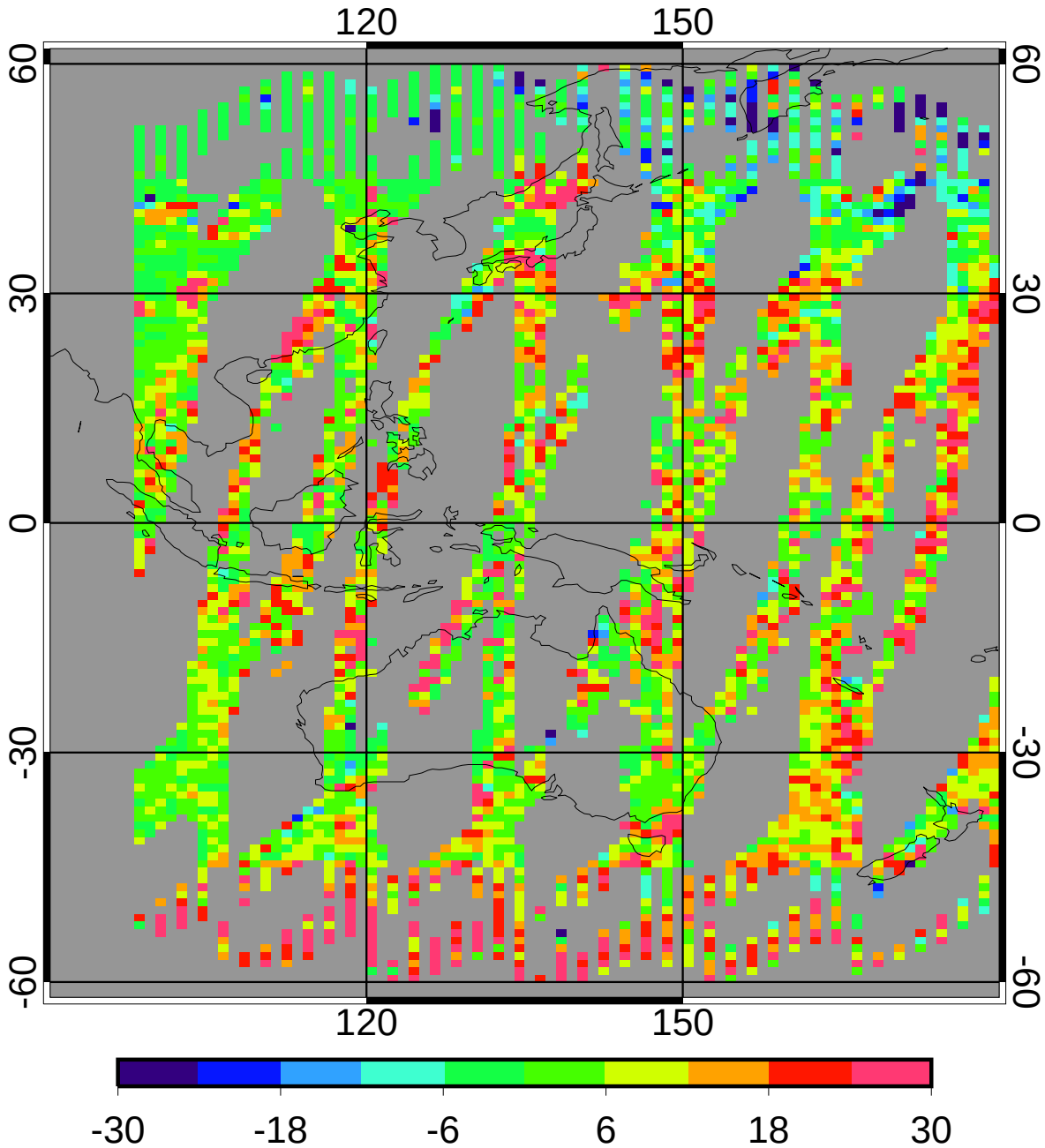
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Liquid Cld Amt (%) Bias

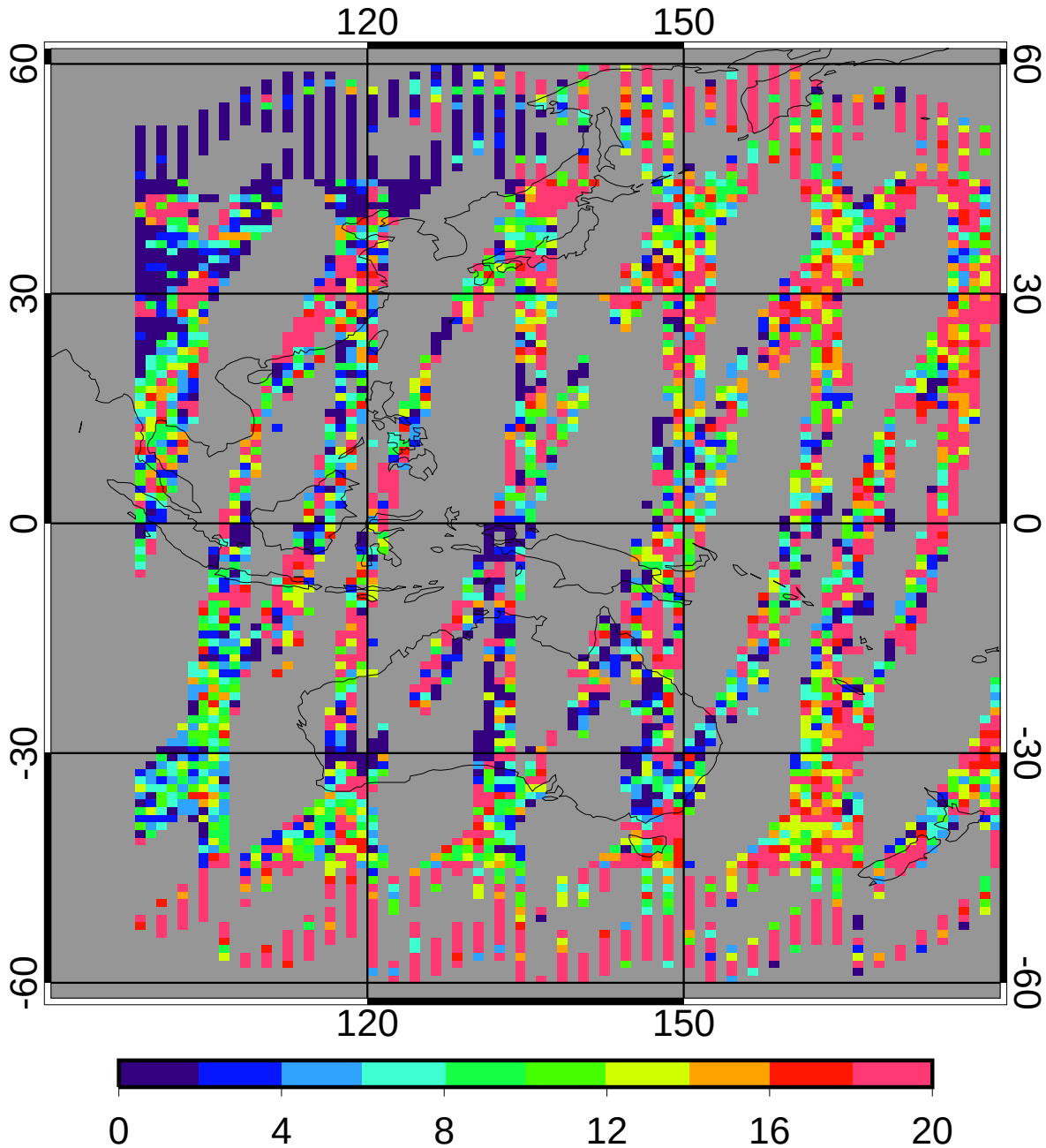
5ch_V01 Jan 2010 (matched angle)



bias	8.46	28.60%
domain sigma	10.35	35.00%

GGEO - CERES/Aqua Nighttime Liquid Cld Amt (%) RMS

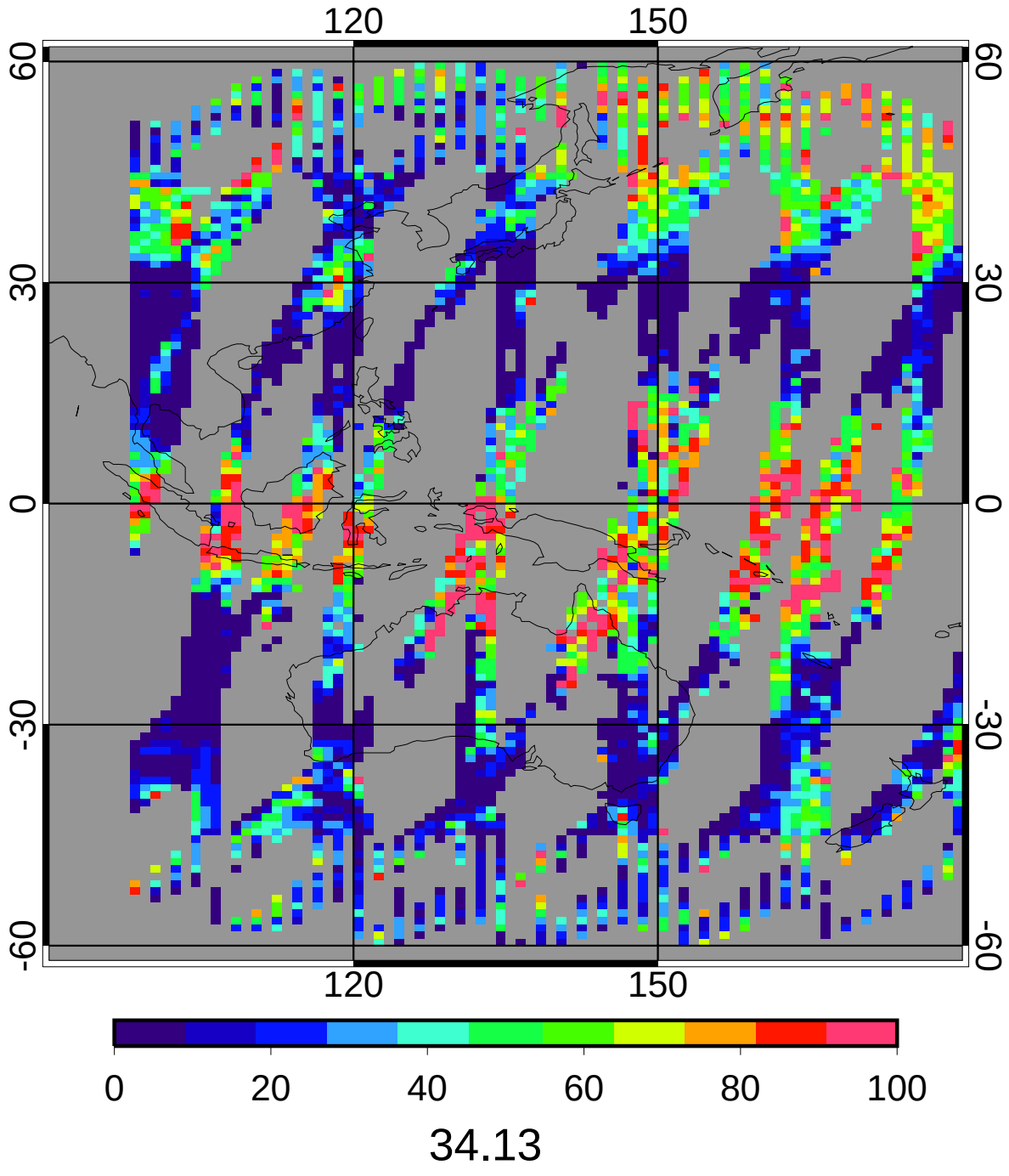
5ch_V01 Jan 2010 (matched angle)



regave rms	13.64	46.10%
domain rms	16.31	55.15%

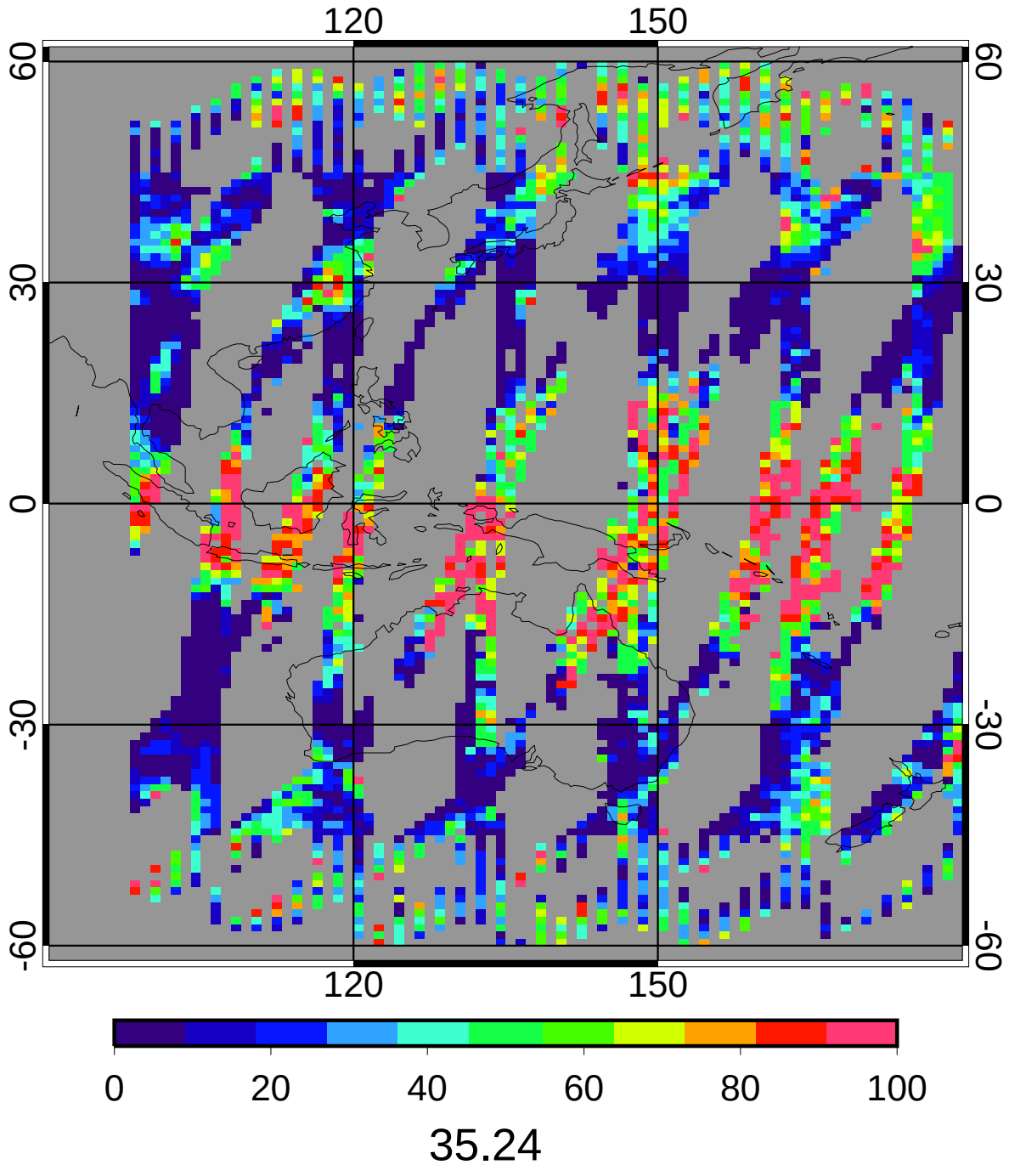
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



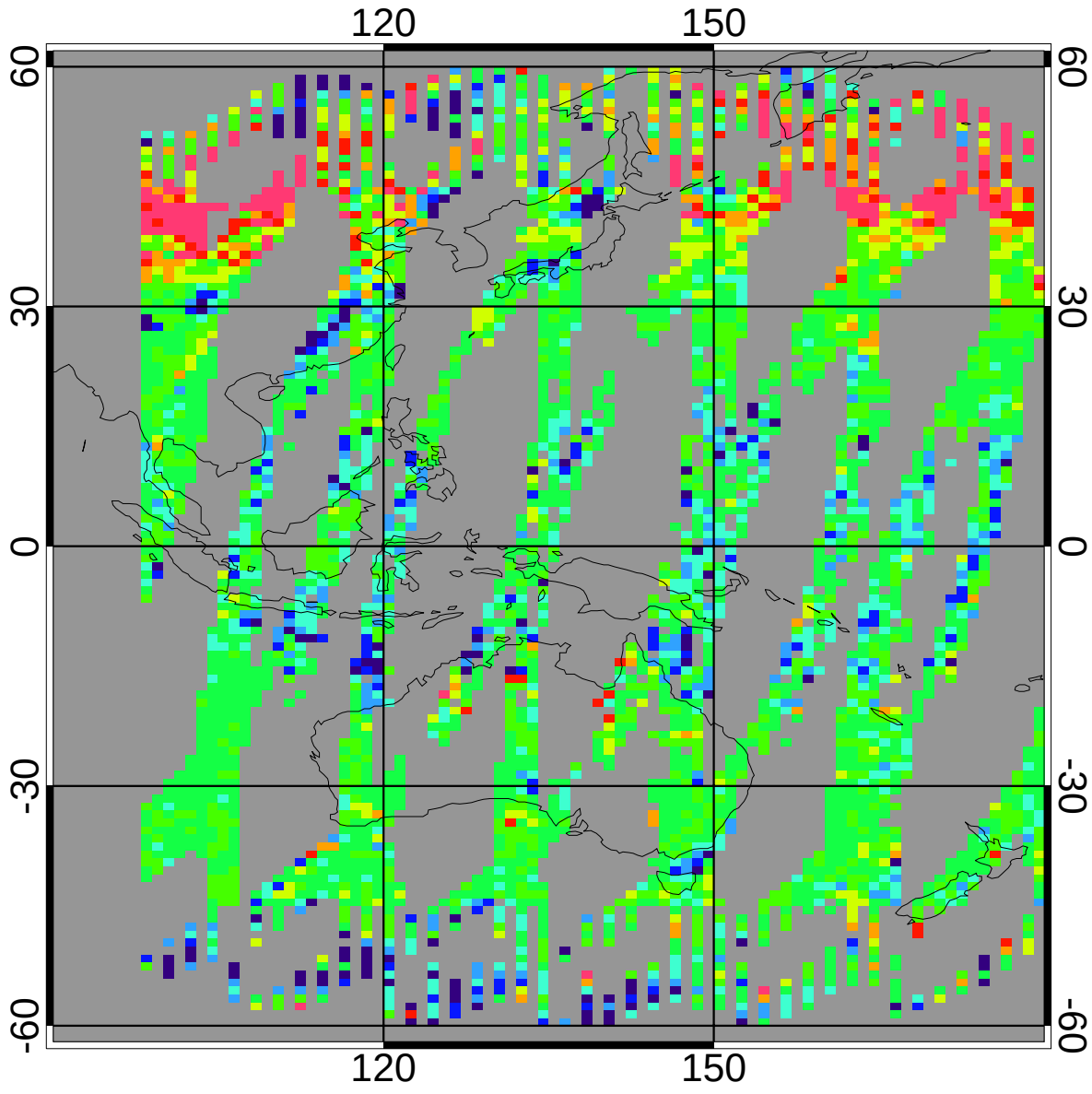
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Ice Cld Amt (%) Bias

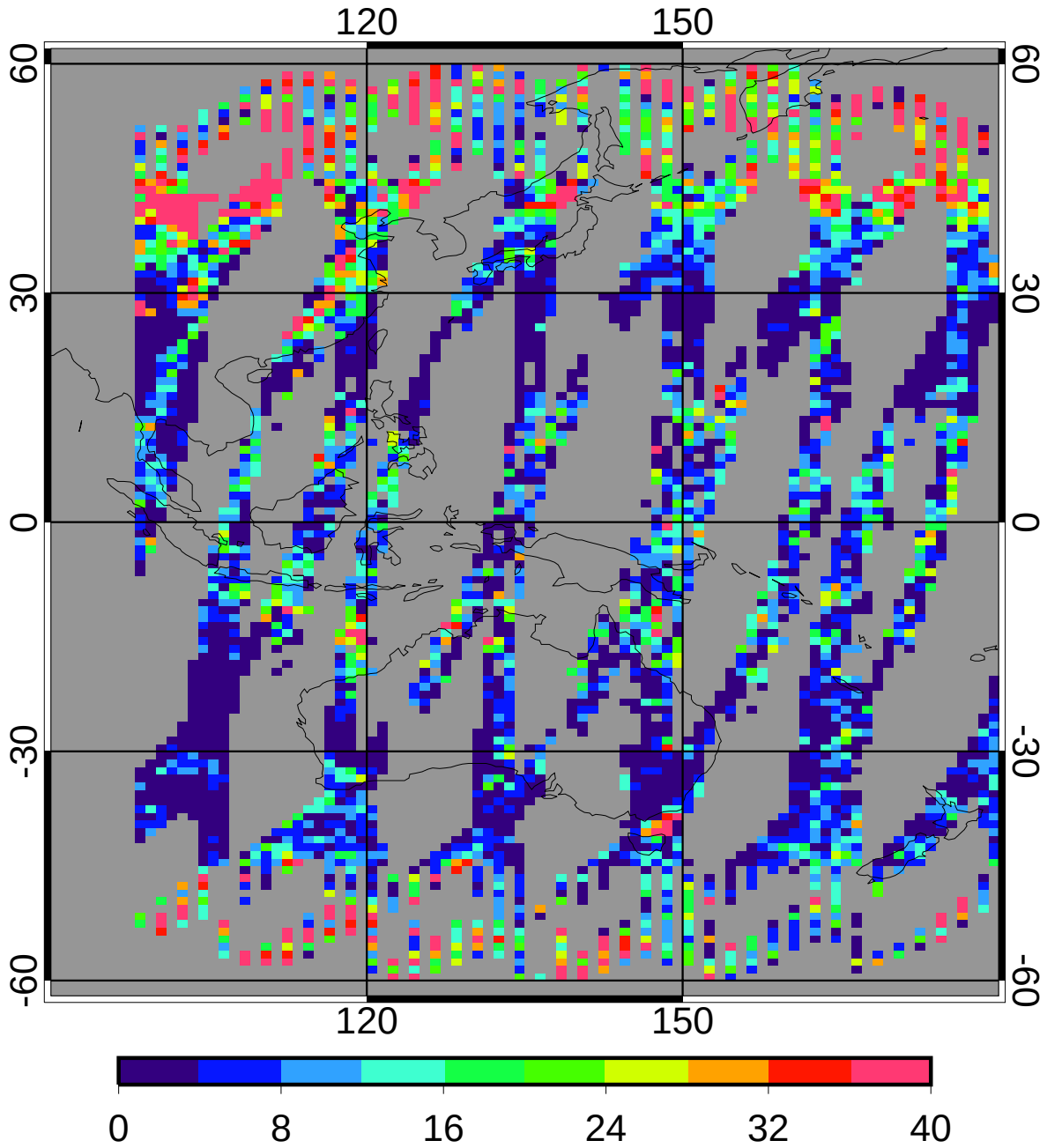
5ch_V01 Jan 2010 (matched angle)



bias	-1.10	-3.13%
domain sigma	10.50	29.80%

GGEO - CERES/Aqua Nighttime Ice Cld Amt (%) RMS

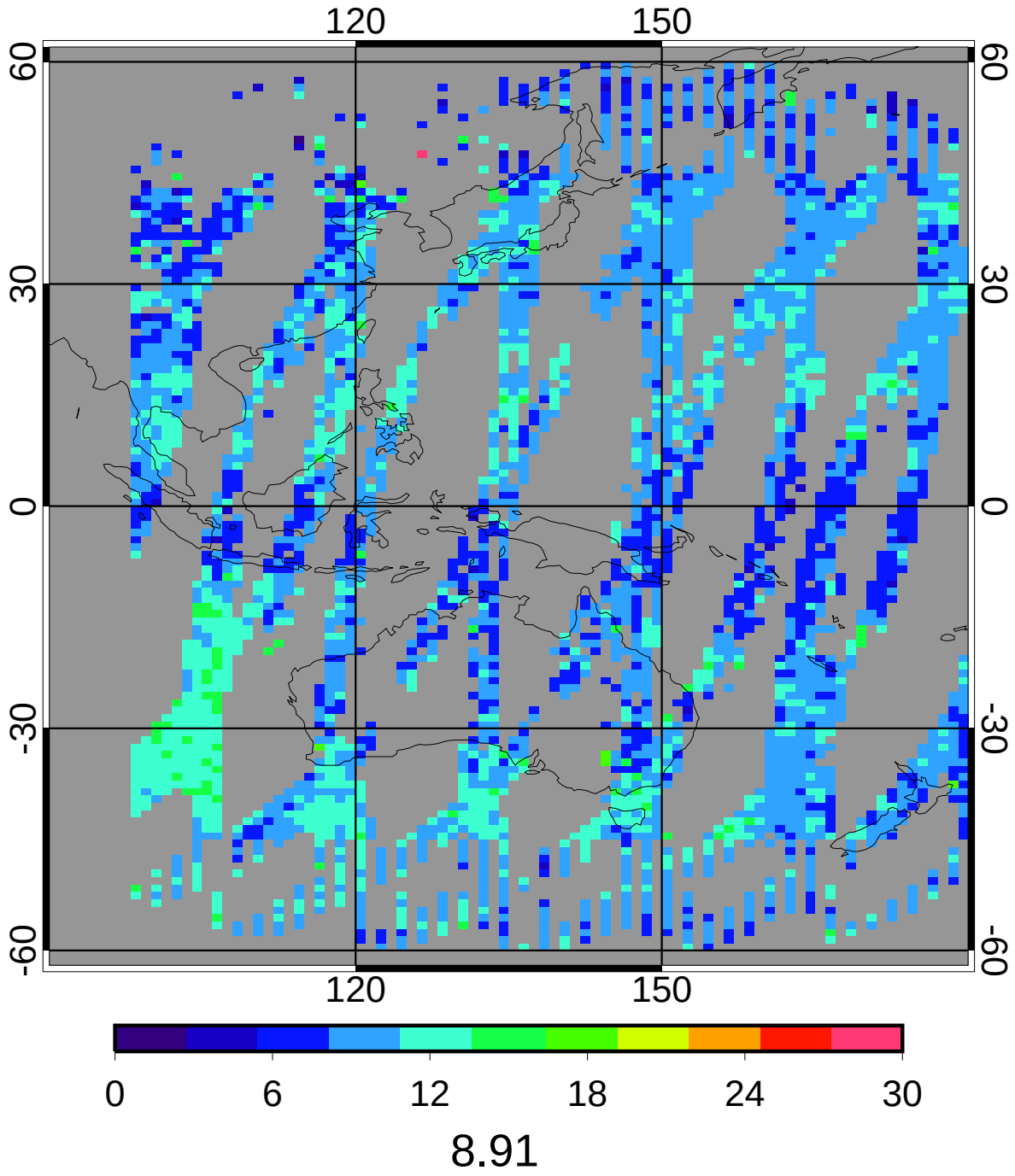
5ch_V01 Jan 2010 (matched angle)



regave rms	10.74	30.47%
domain rms	15.72	44.62%

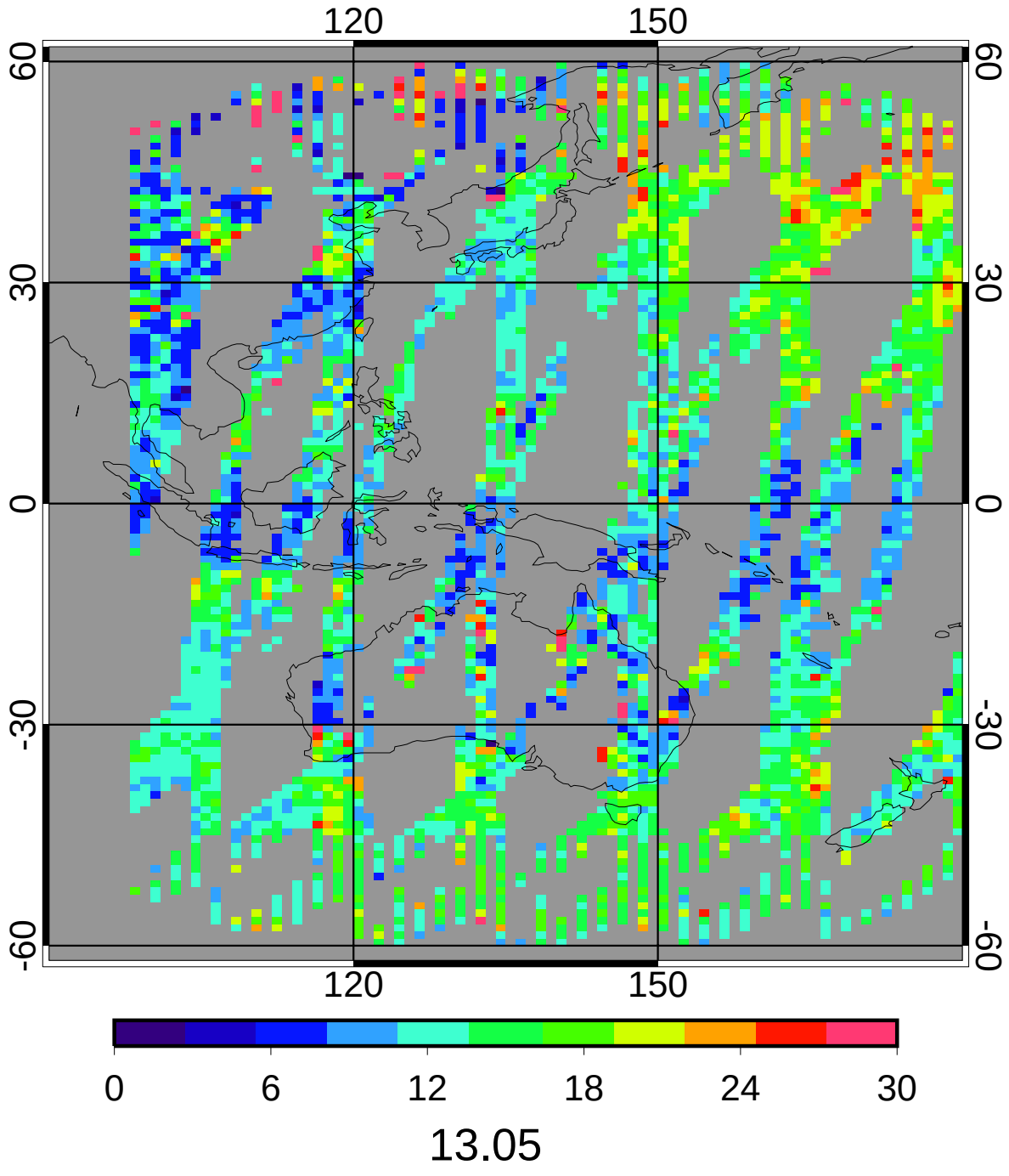
GGEO MEAN Nighttime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



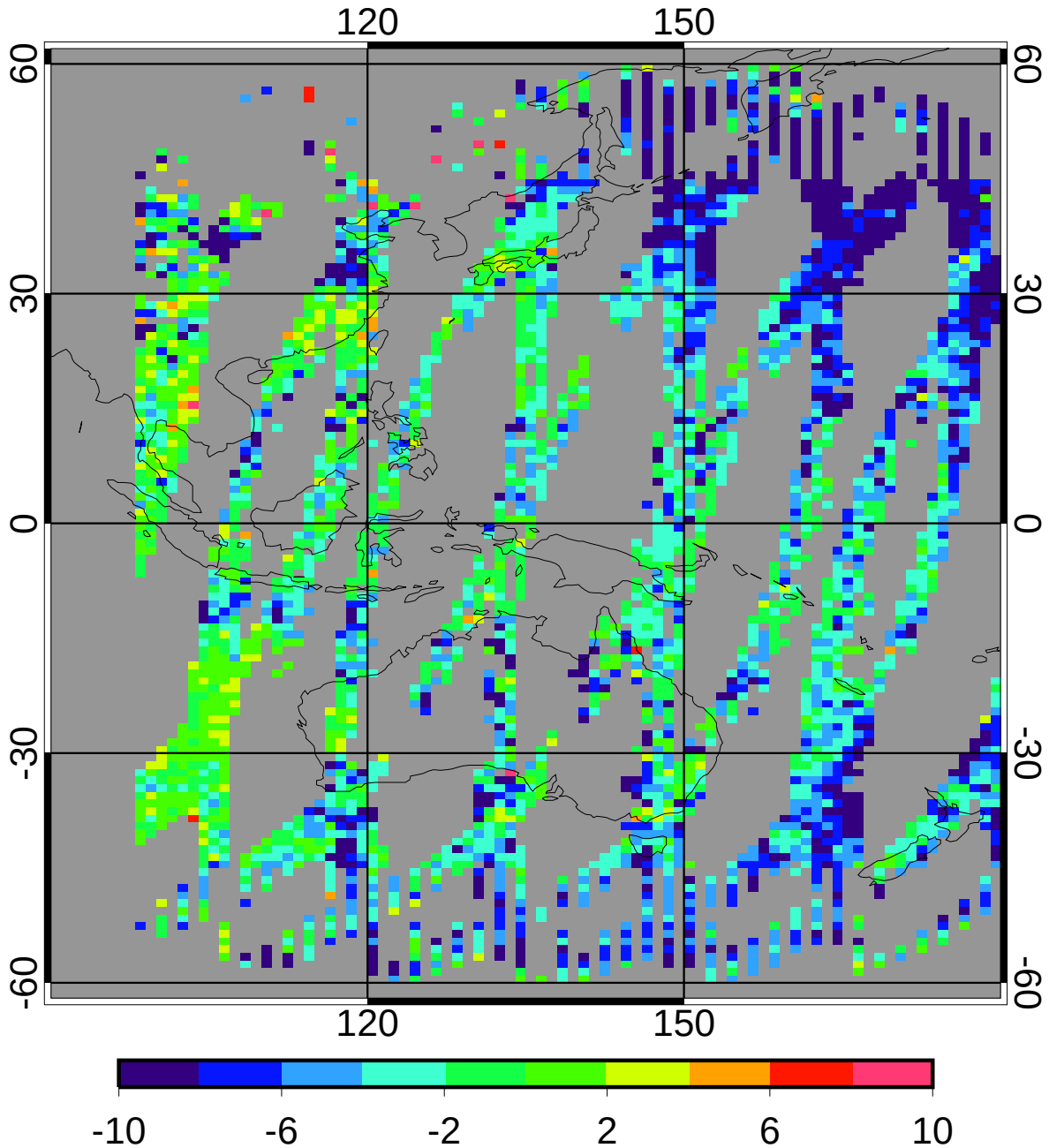
CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Liquid Particle Size (microns) Bias

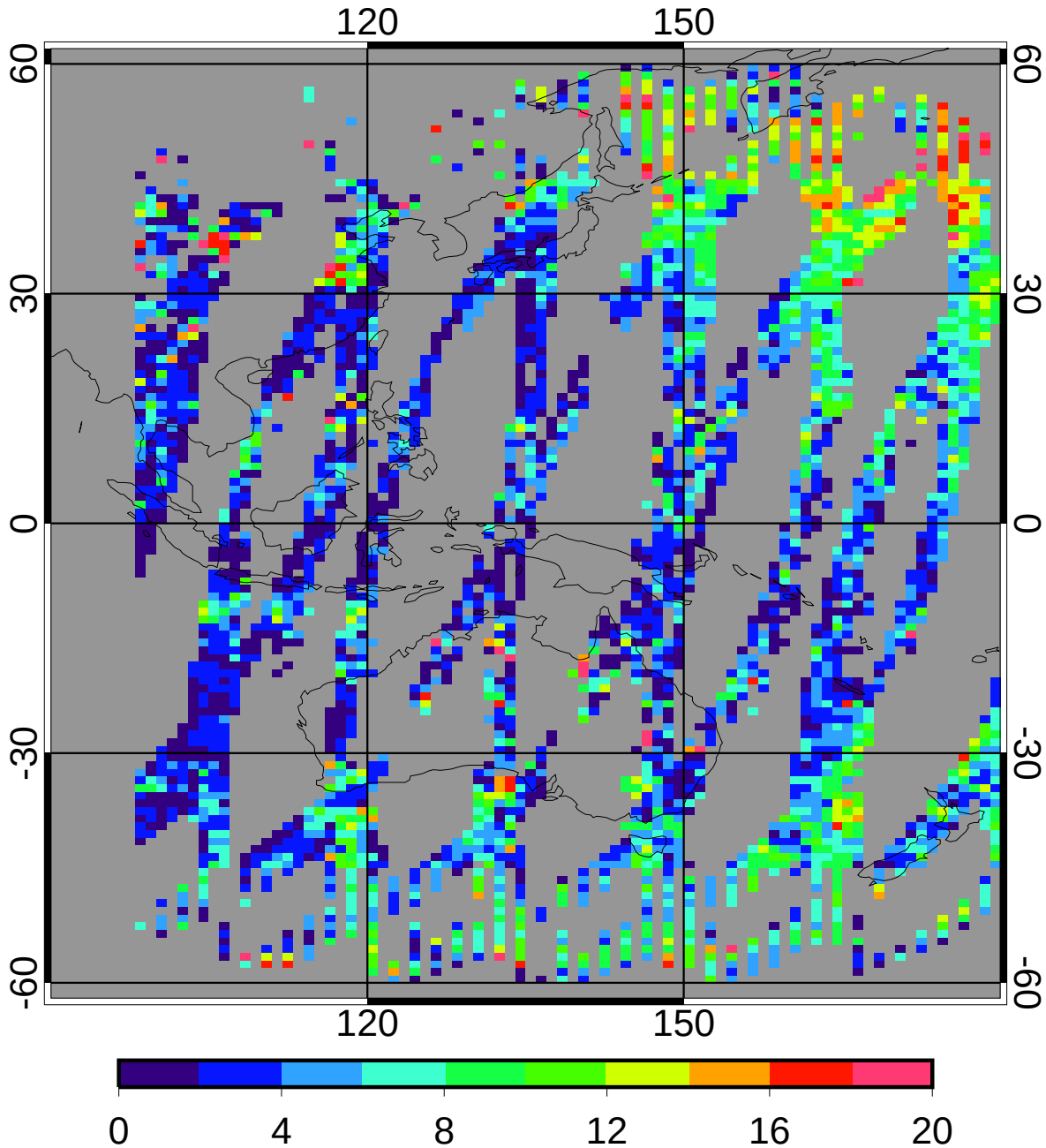
5ch_V01 Jan 2010 (matched angle)



bias	-3.60	-27.55%
domain sigma	3.50	26.82%

GGEO - CERES/Aqua Nighttime Liquid Particle Size (microns) RMS

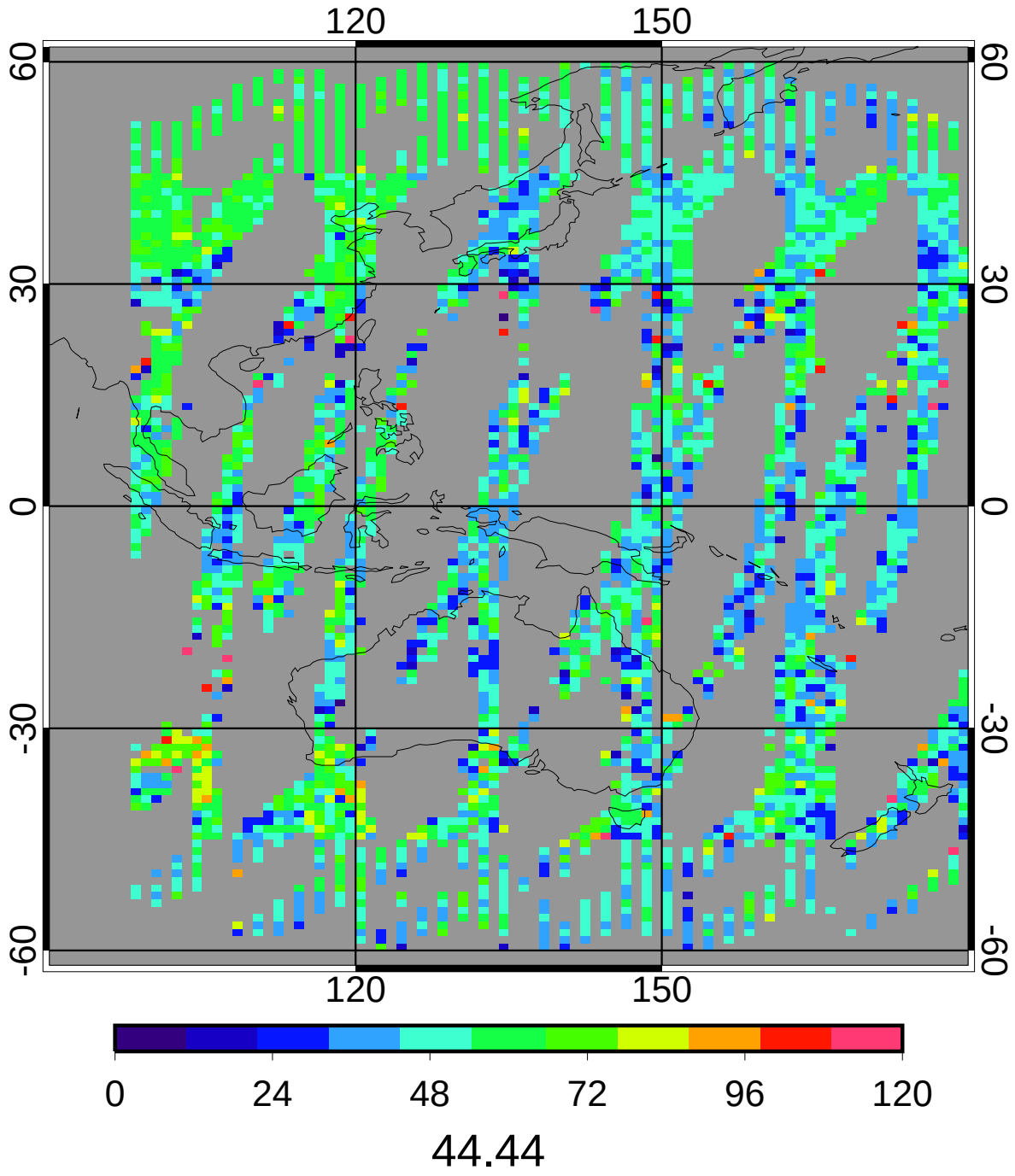
5ch_V01 Jan 2010 (matched angle)



regave rms	4.72	36.16%
domain rms	6.19	47.45%

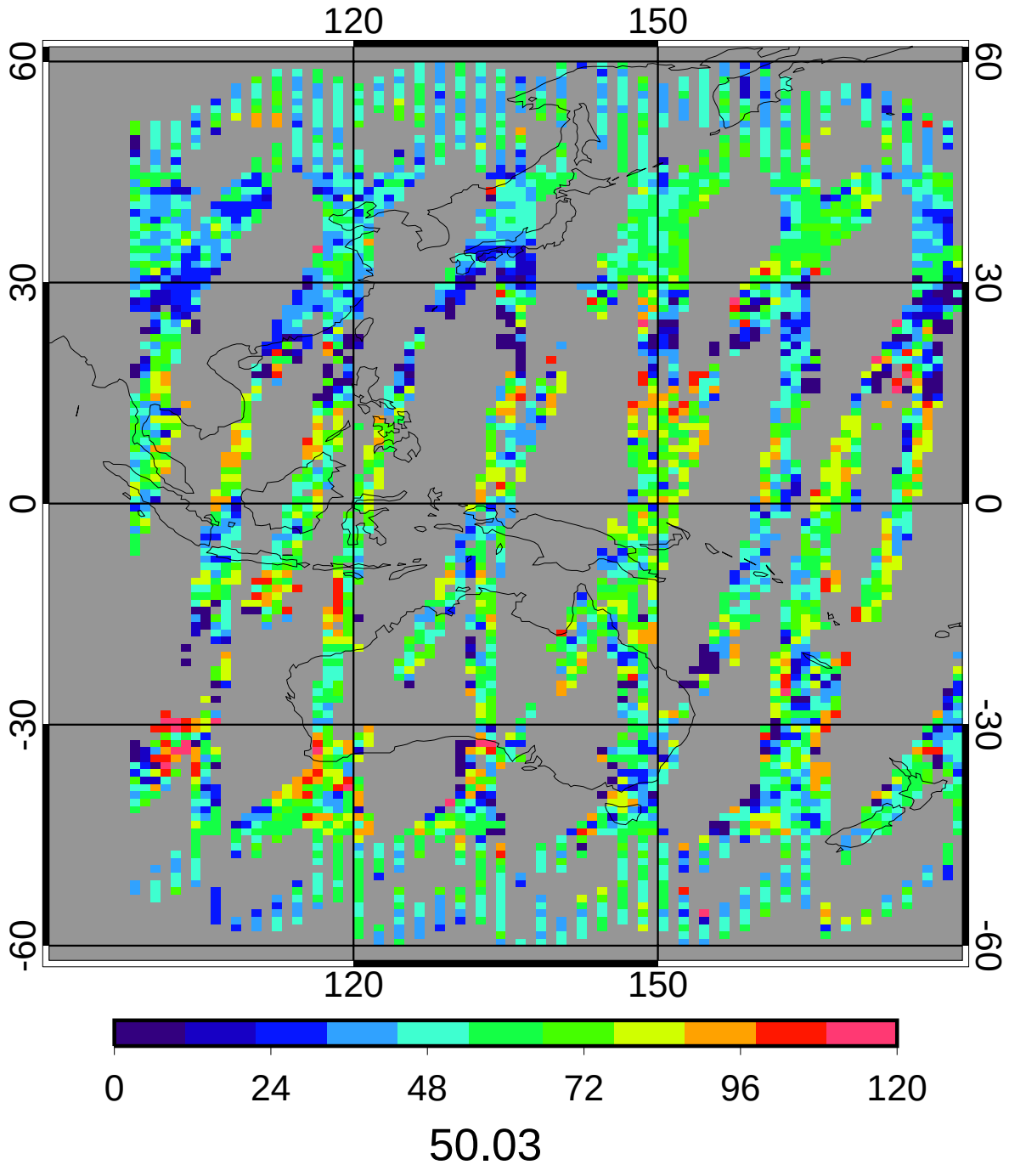
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



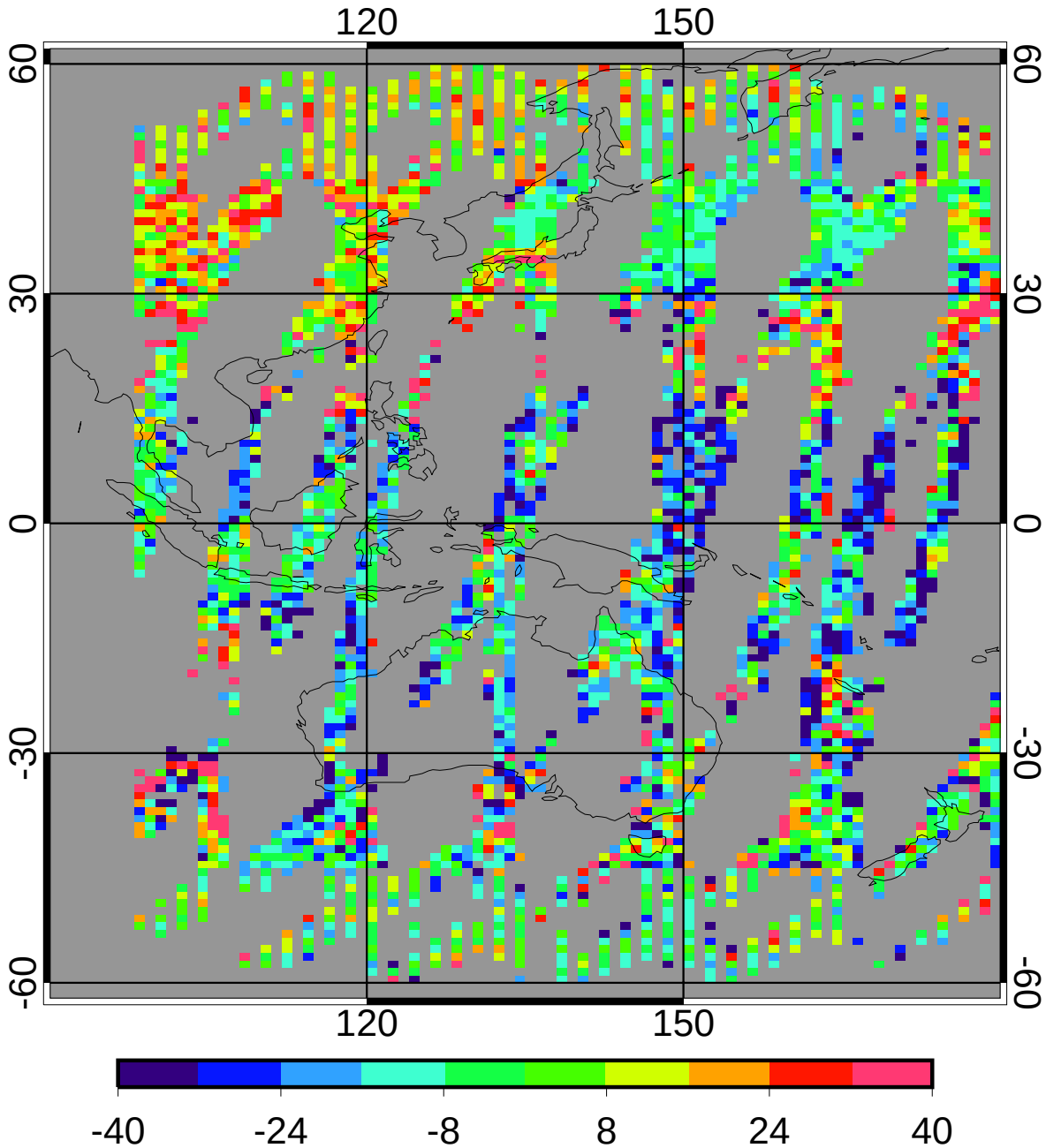
CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Ice Particle Size (microns) Bias

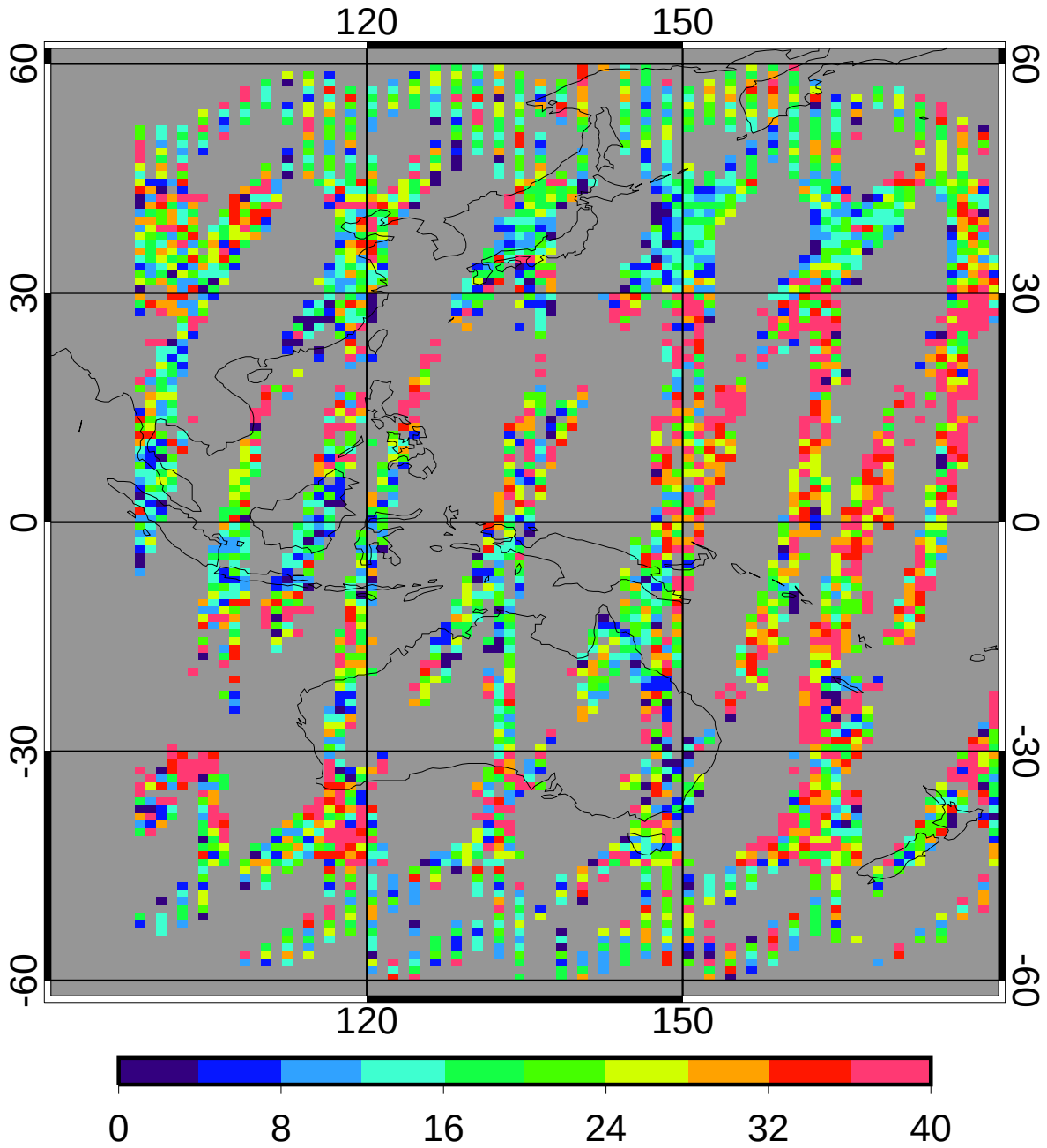
5ch_V01 Jan 2010 (matched angle)



bias	-3.64	-7.27%
domain sigma	20.08	40.14%

GGEO - CERES/Aqua Nighttime Ice Particle Size (microns) RMS

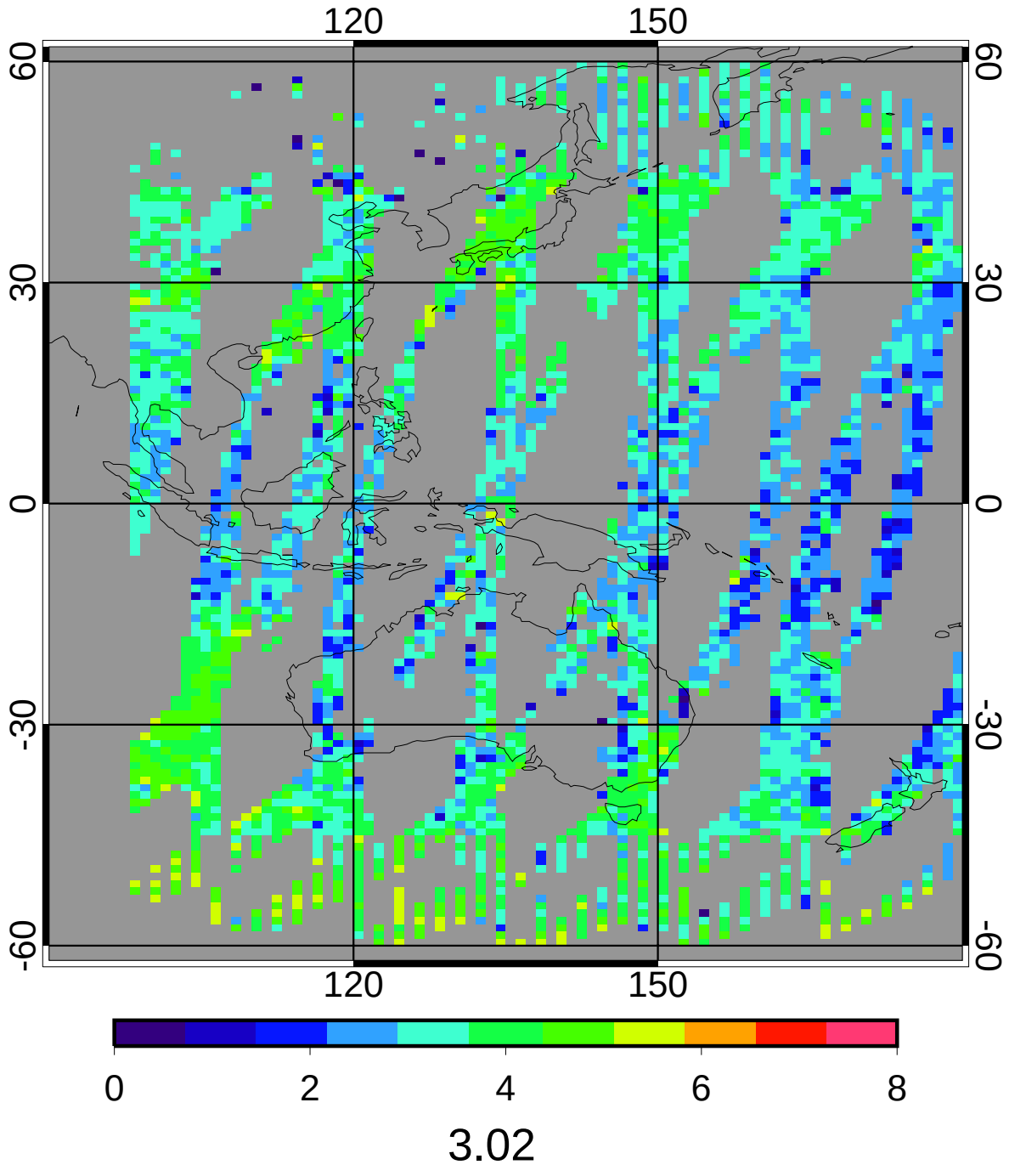
5ch_V01 Jan 2010 (matched angle)



regave rms	20.79	41.55%
domain rms	24.60	49.17%

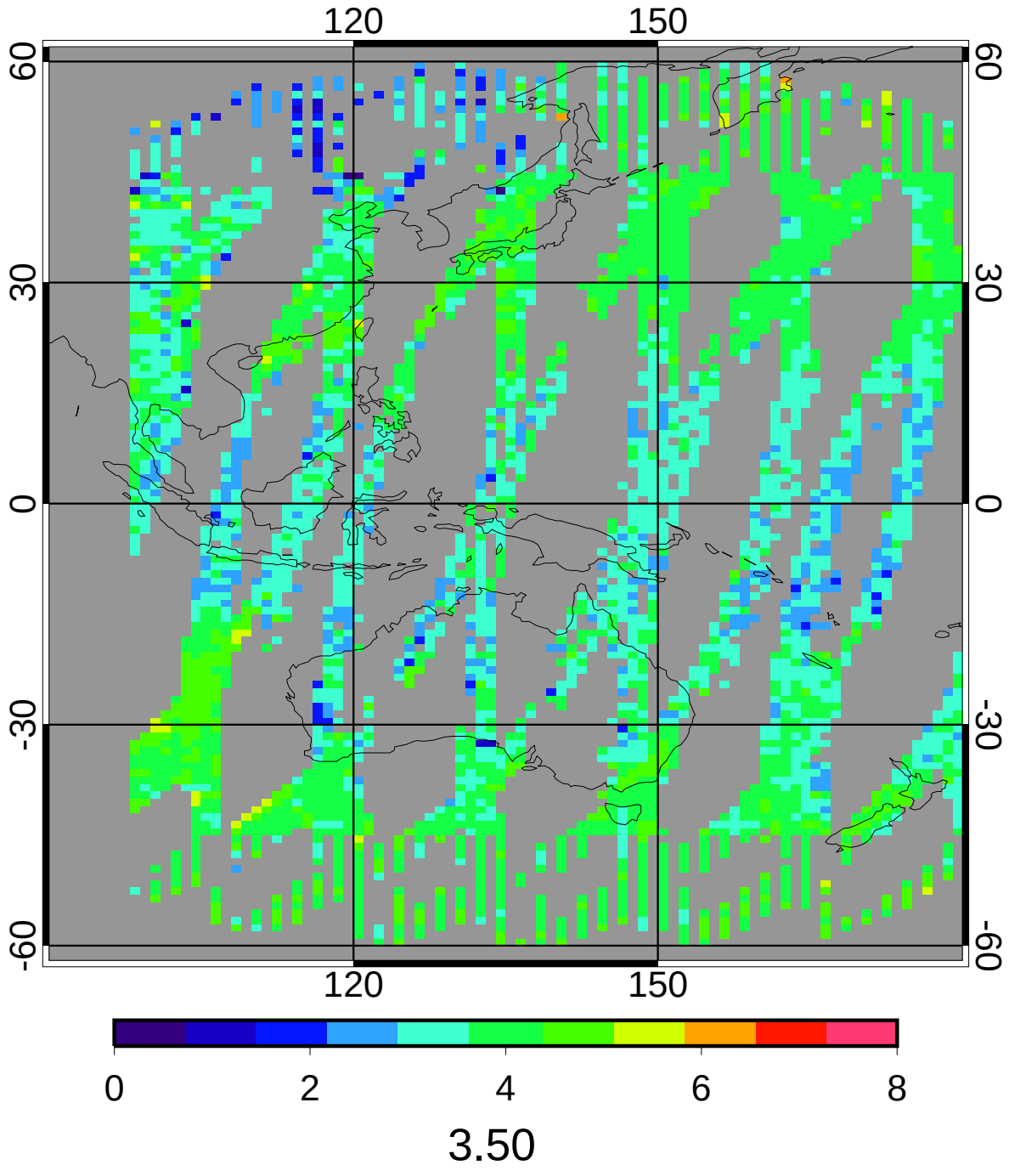
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



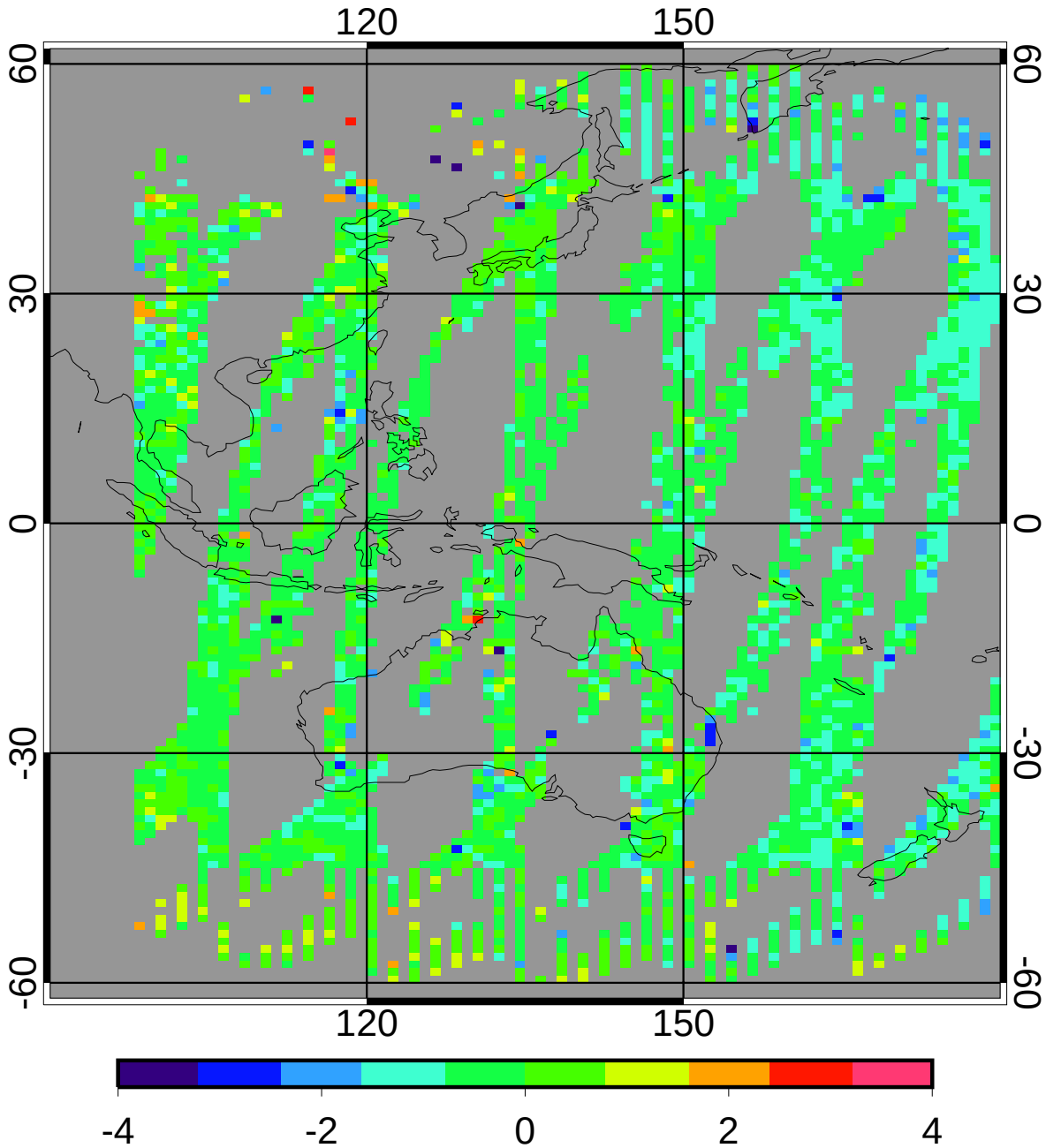
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Log Liquid Water Path (g/m2) Bias

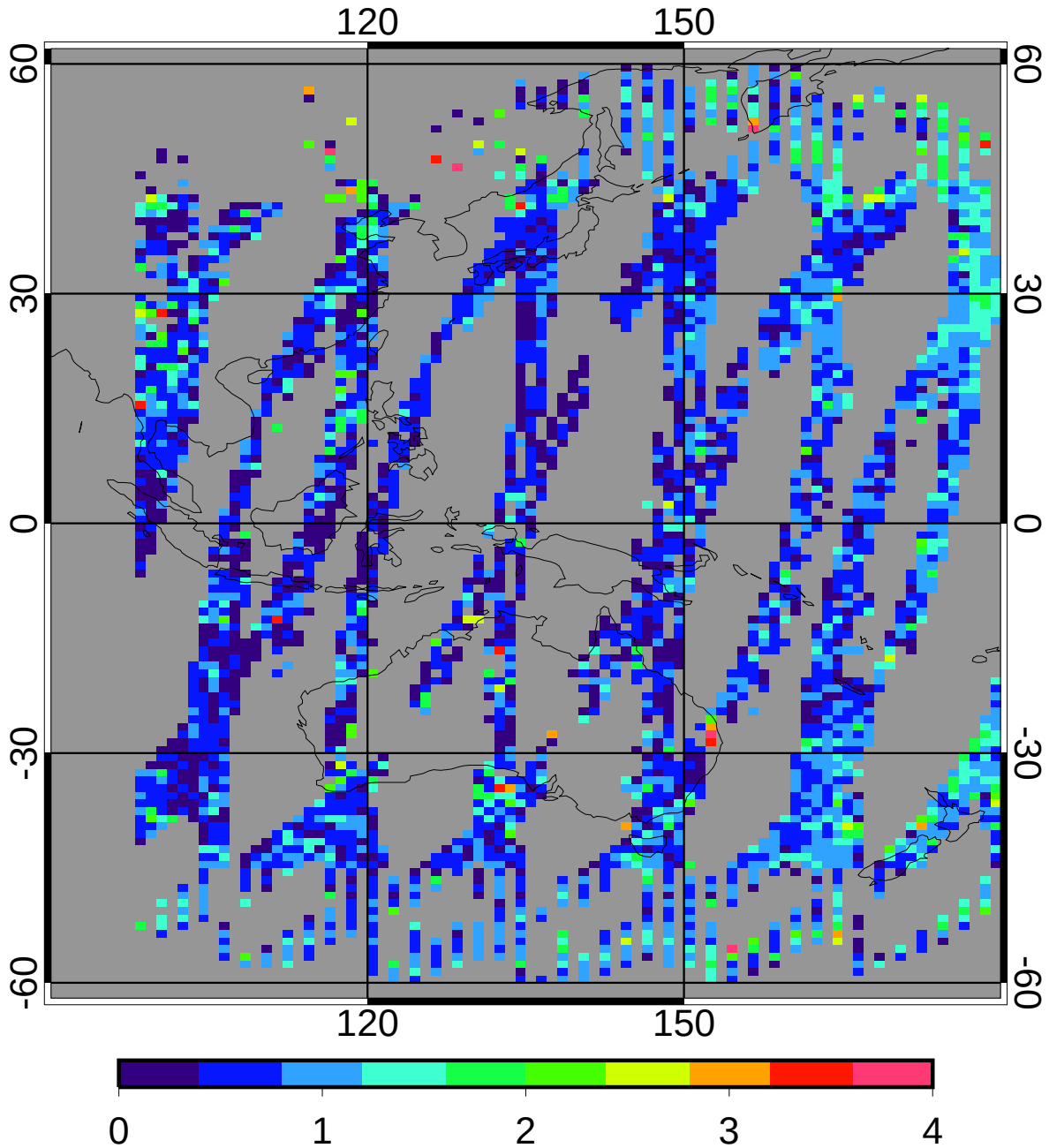
5ch_V01 Jan 2010 (matched angle)



bias	-0.36	-10.34%
domain sigma	0.56	15.87%

GGEO - CERES/Aqua Nighttime Log Liquid Water Path (g/m2) RMS

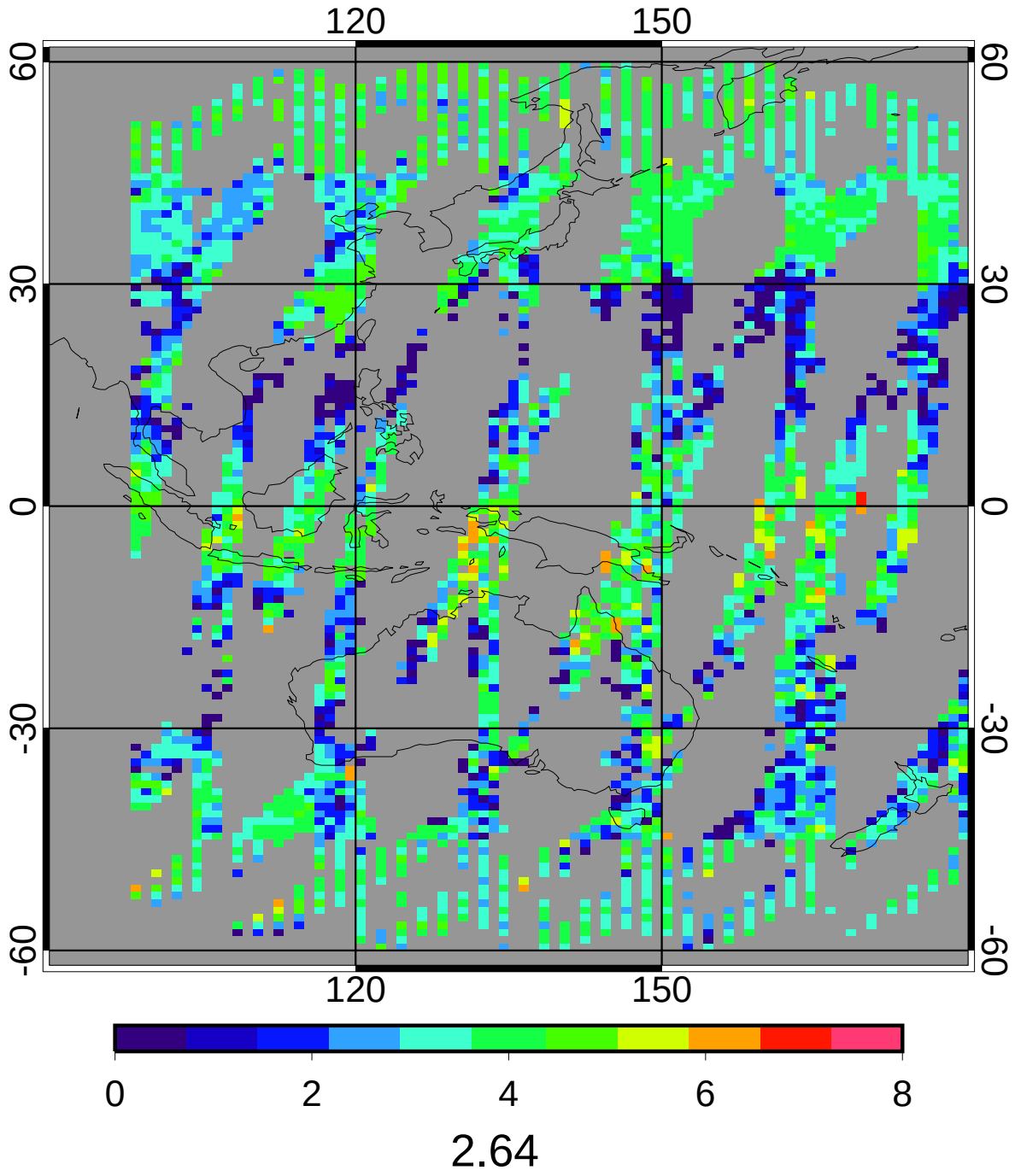
5ch_V01 Jan 2010 (matched angle)



regave rms	0.68	19.55%
domain rms	0.83	23.79%

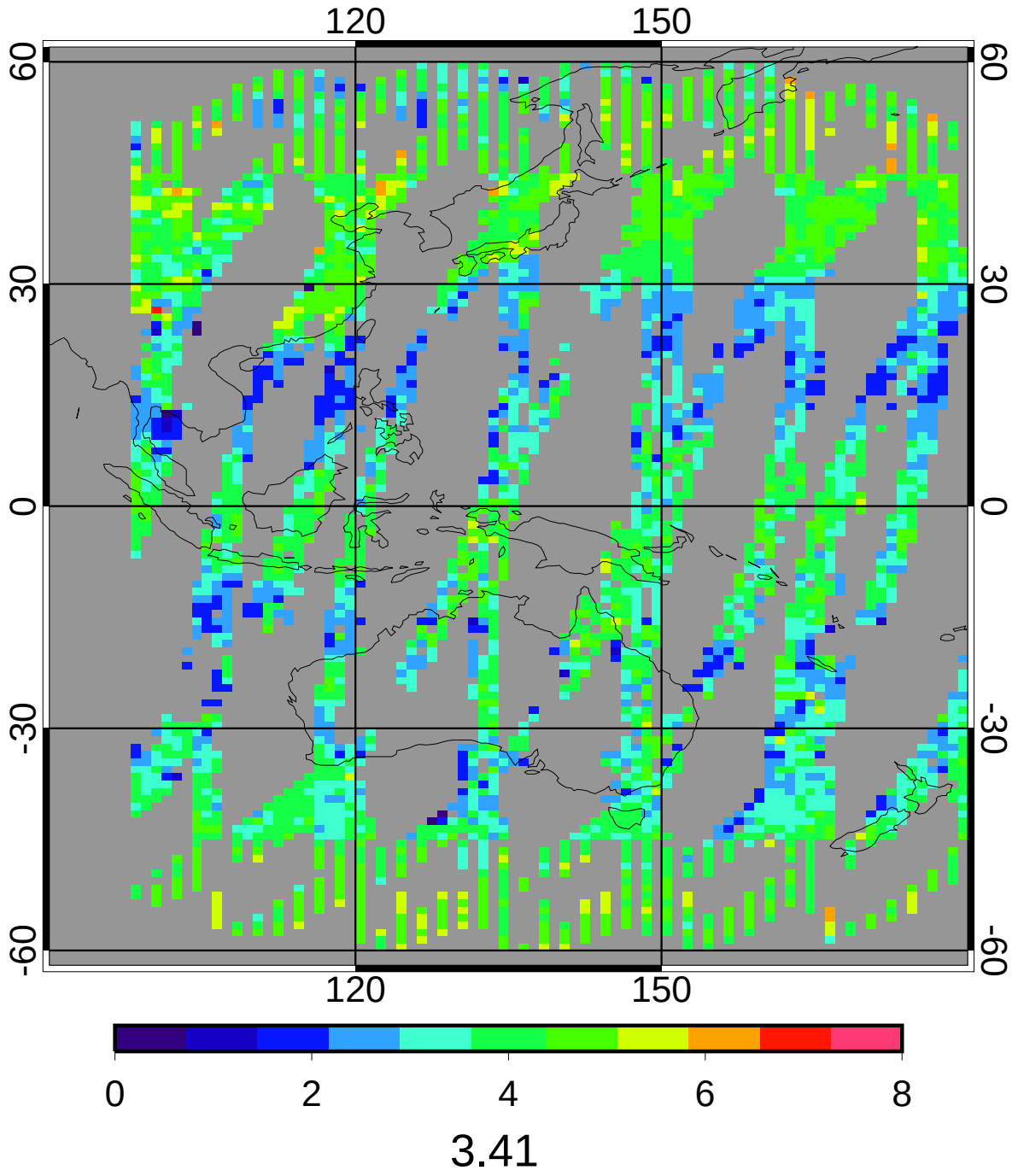
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



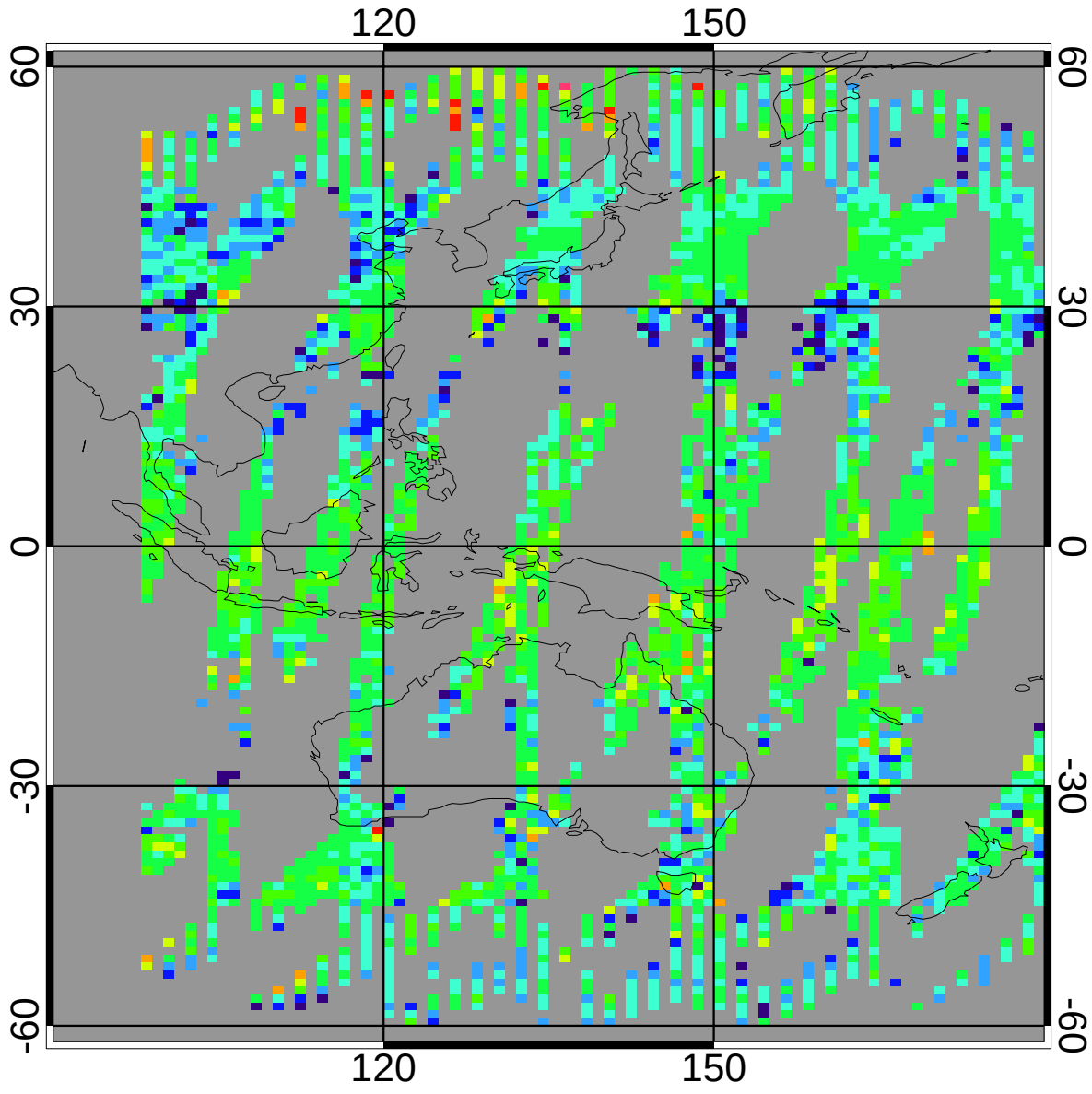
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Log Ice Water Path (g/m2) Bias

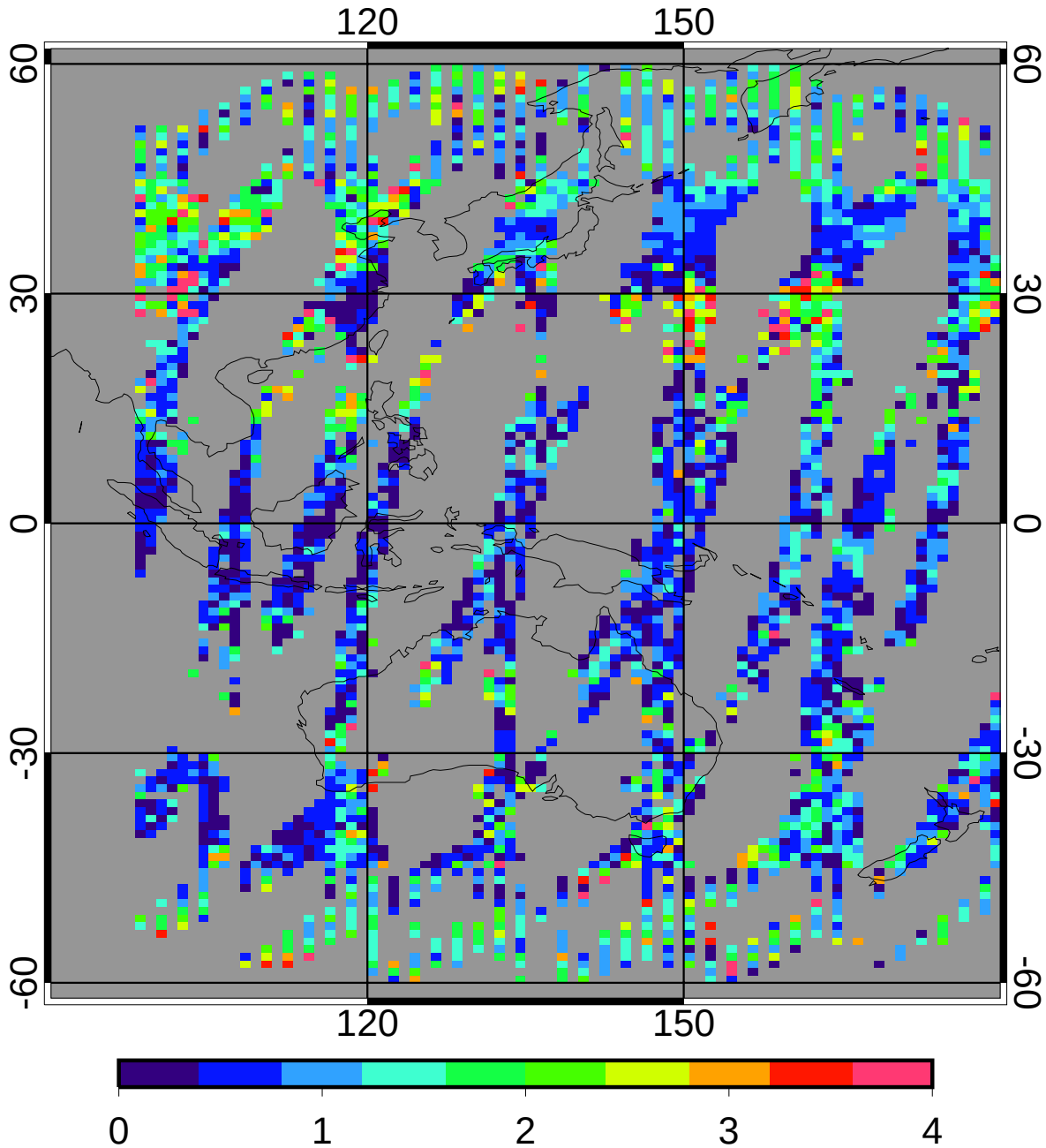
5ch_V01 Jan 2010 (matched angle)



bias	-0.59	-17.23%
domain sigma	0.88	25.78%

GGEO - CERES/Aqua Nighttime Log Ice Water Path (g/m2) RMS

5ch_V01 Jan 2010 (matched angle)



regave rms	0.93	27.18%
domain rms	1.24	36.36%