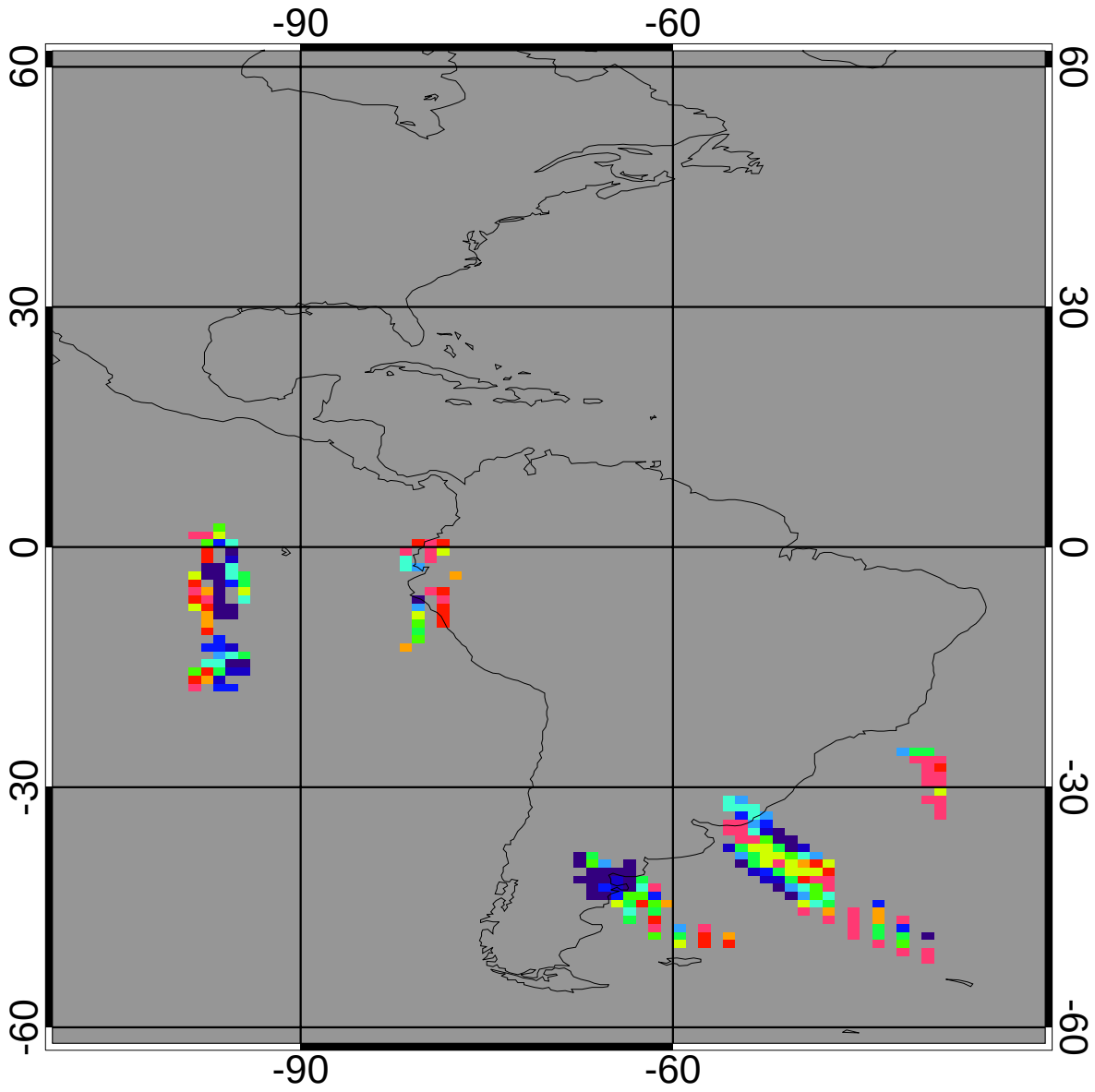
GGEO MEAN Daytime Cloud Amount (%)

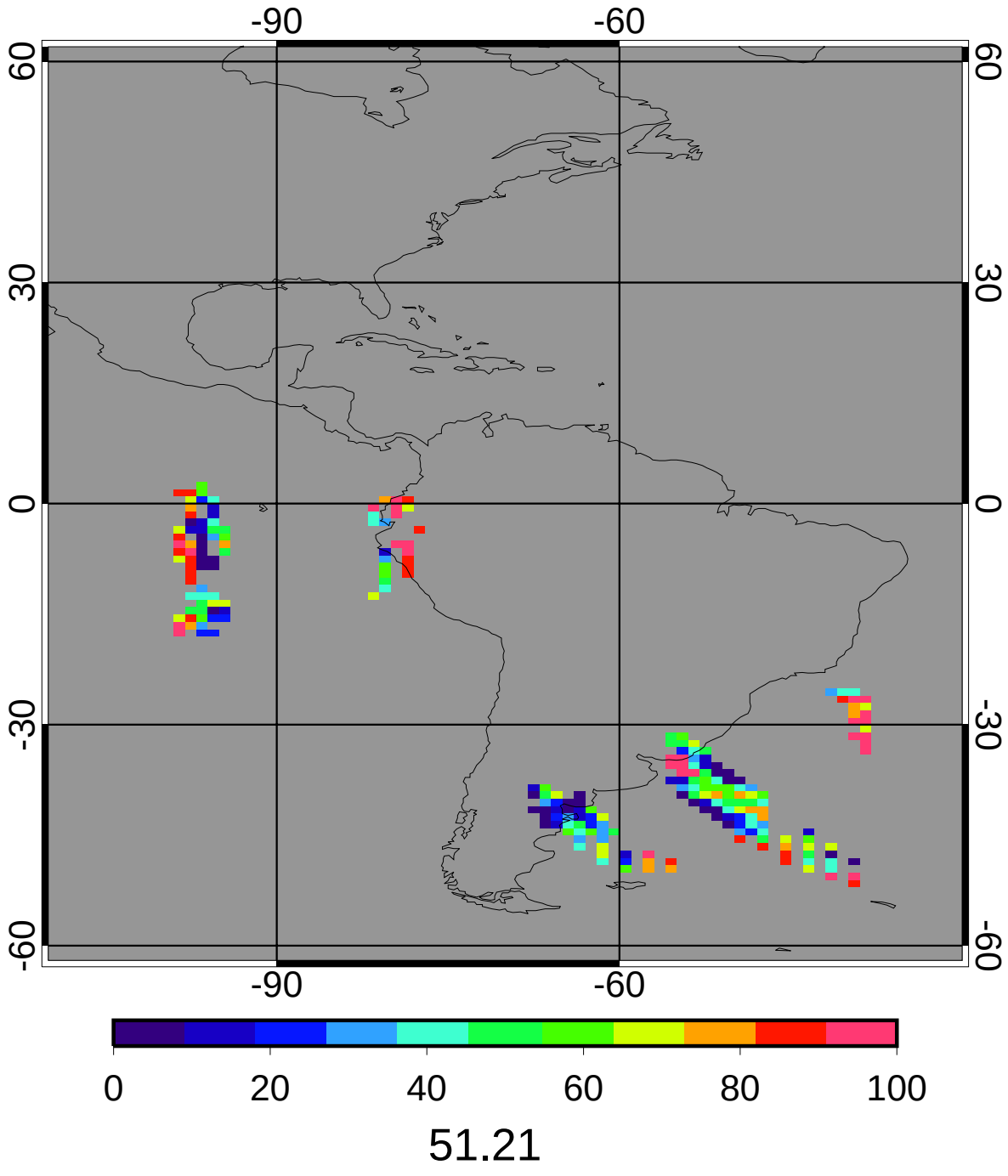
5ch_V01 Jan 2010 (matched angle)



53.04

CERES/Aqua MEAN Daytime Cloud Amount (%)

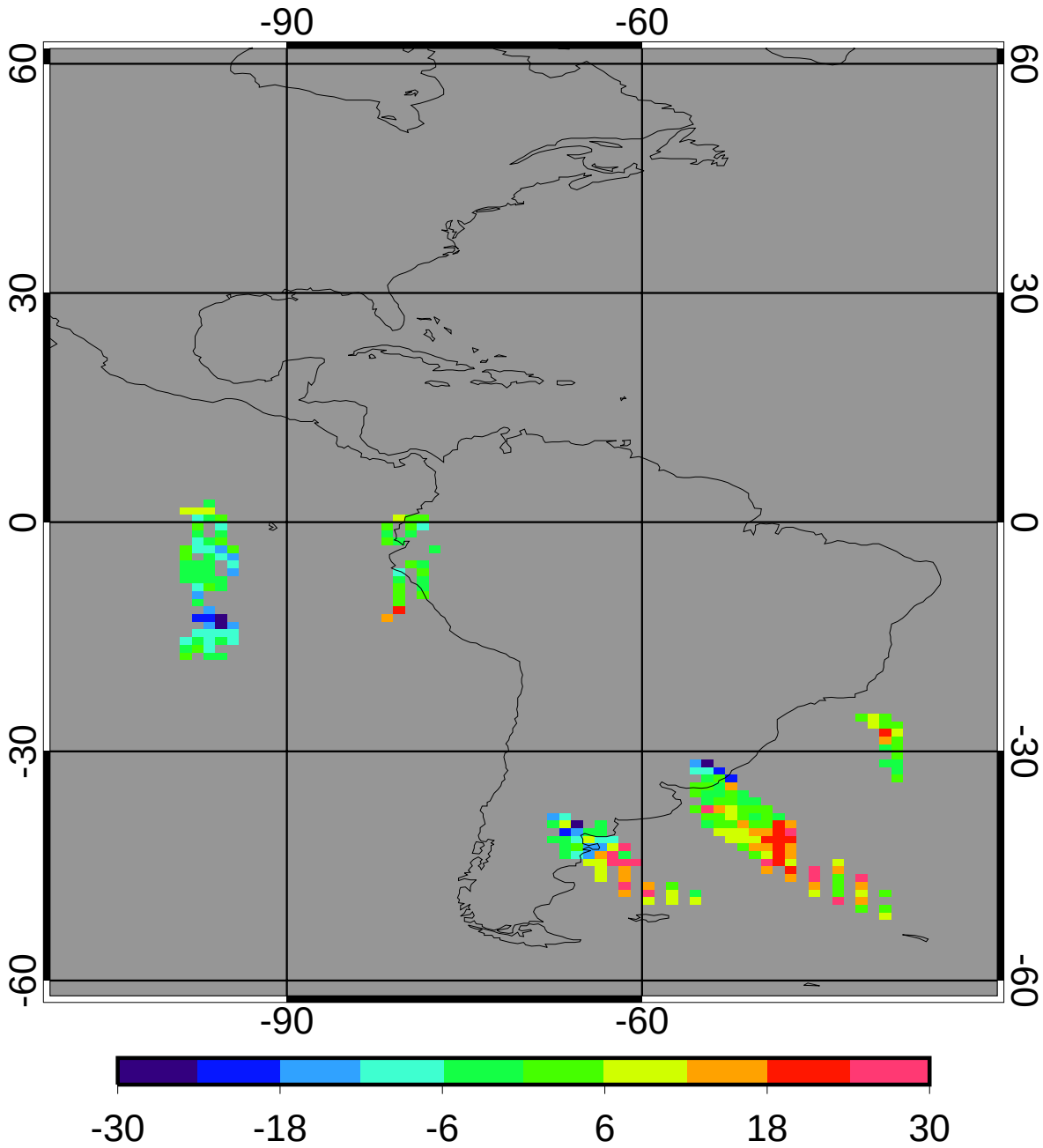
5ch_V01 Jan 2010 (matched angle)



51.21

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

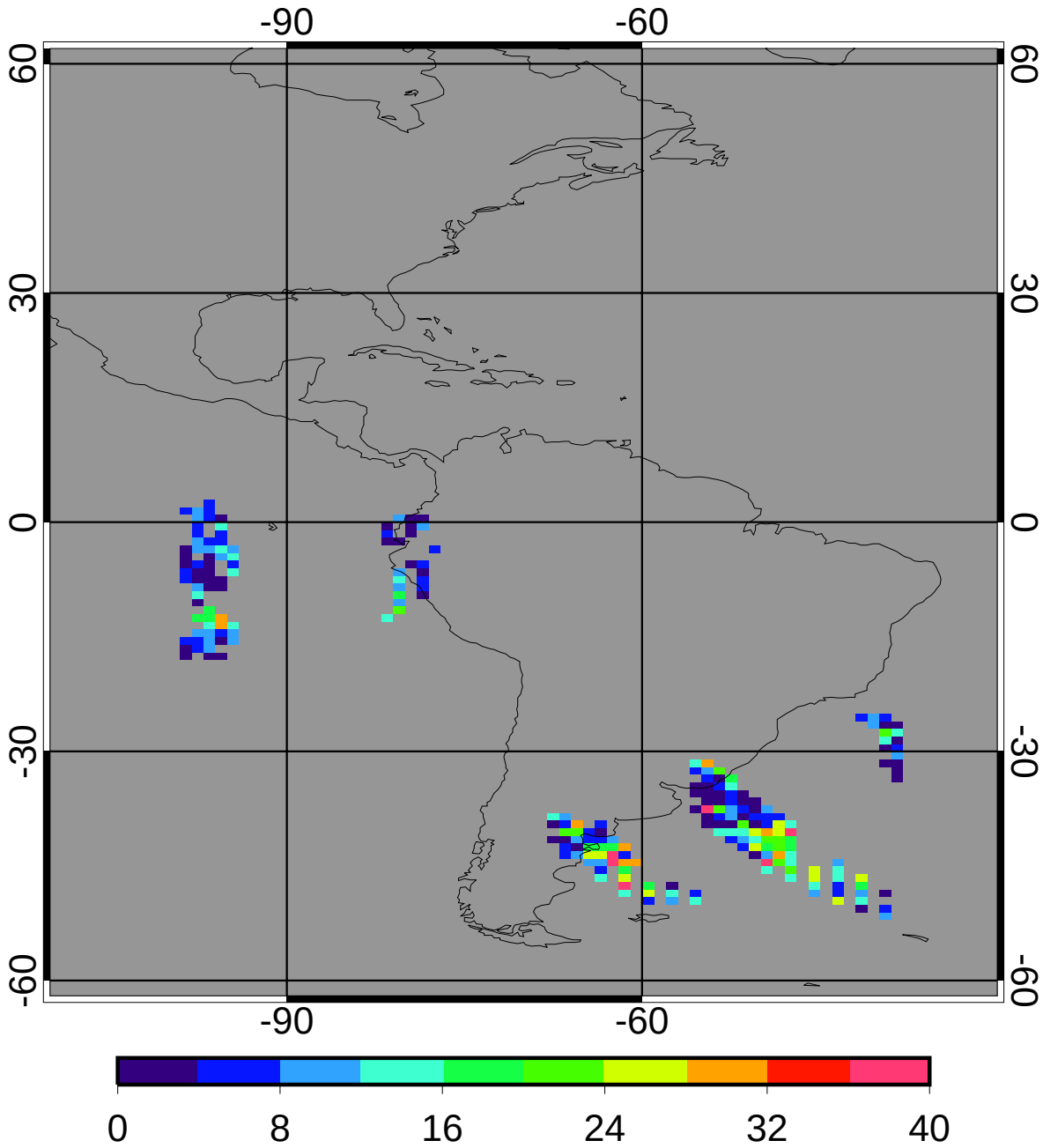
5ch_V01 Jan 2010 (matched angle)



bias	1.83	3.57%
domain sigma	9.74	19.02%

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

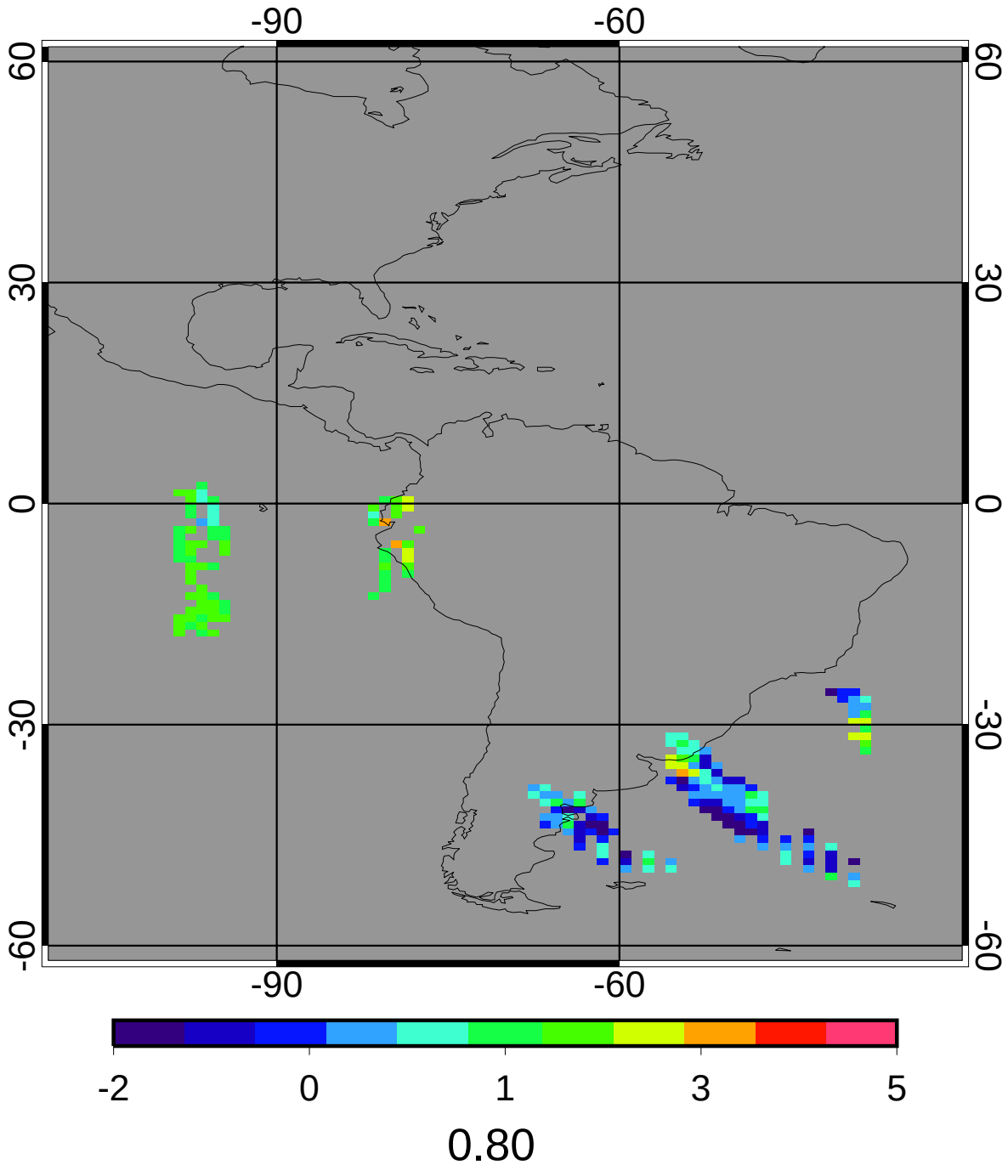
5ch_V01 Jan 2010 (matched angle)



regave rms	10.22	19.96%
domain rms	13.61	26.57%

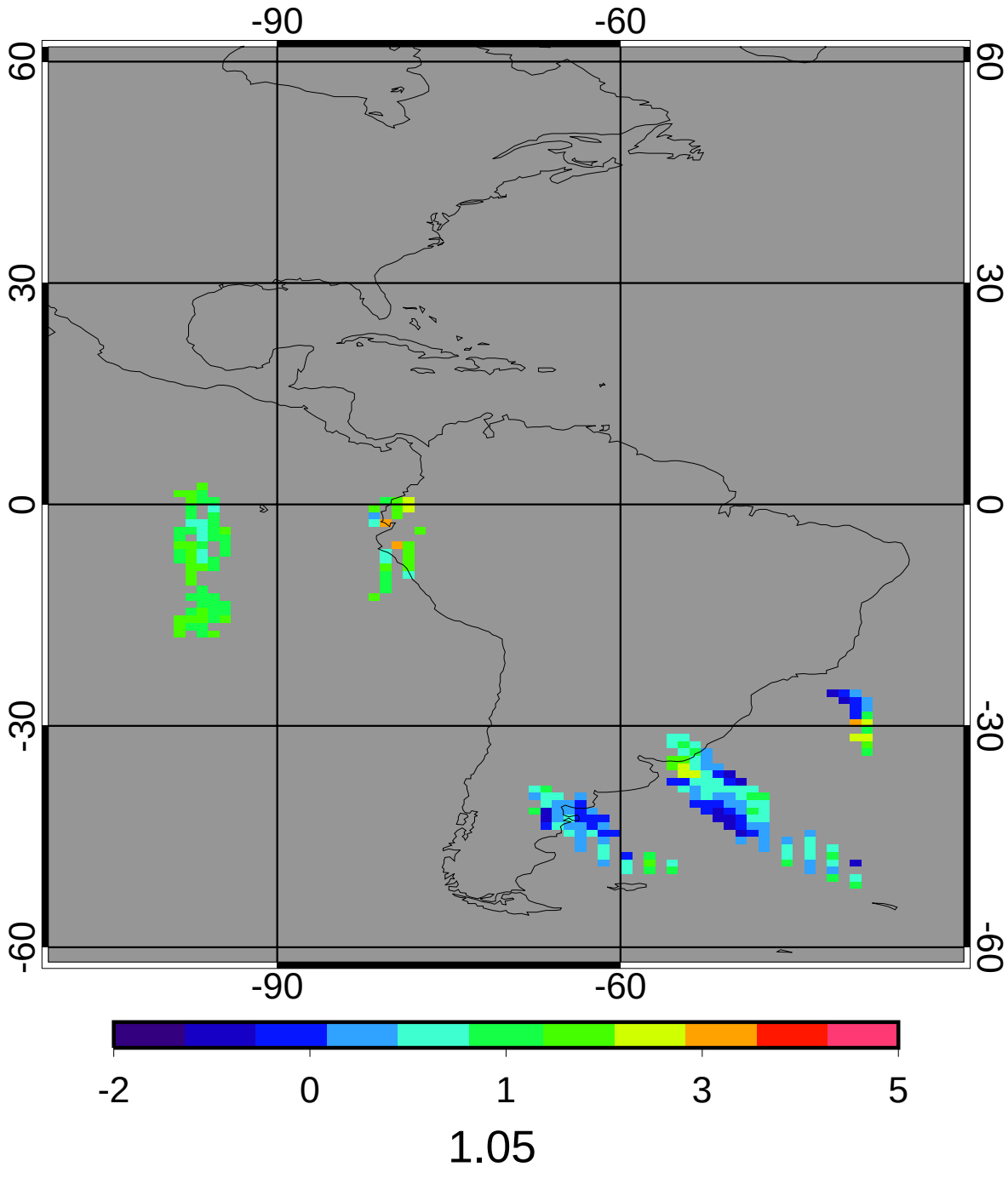
GGEO MEAN Daytime Log Optical Depth

5ch_V01 Jan 2010 (matched angle)



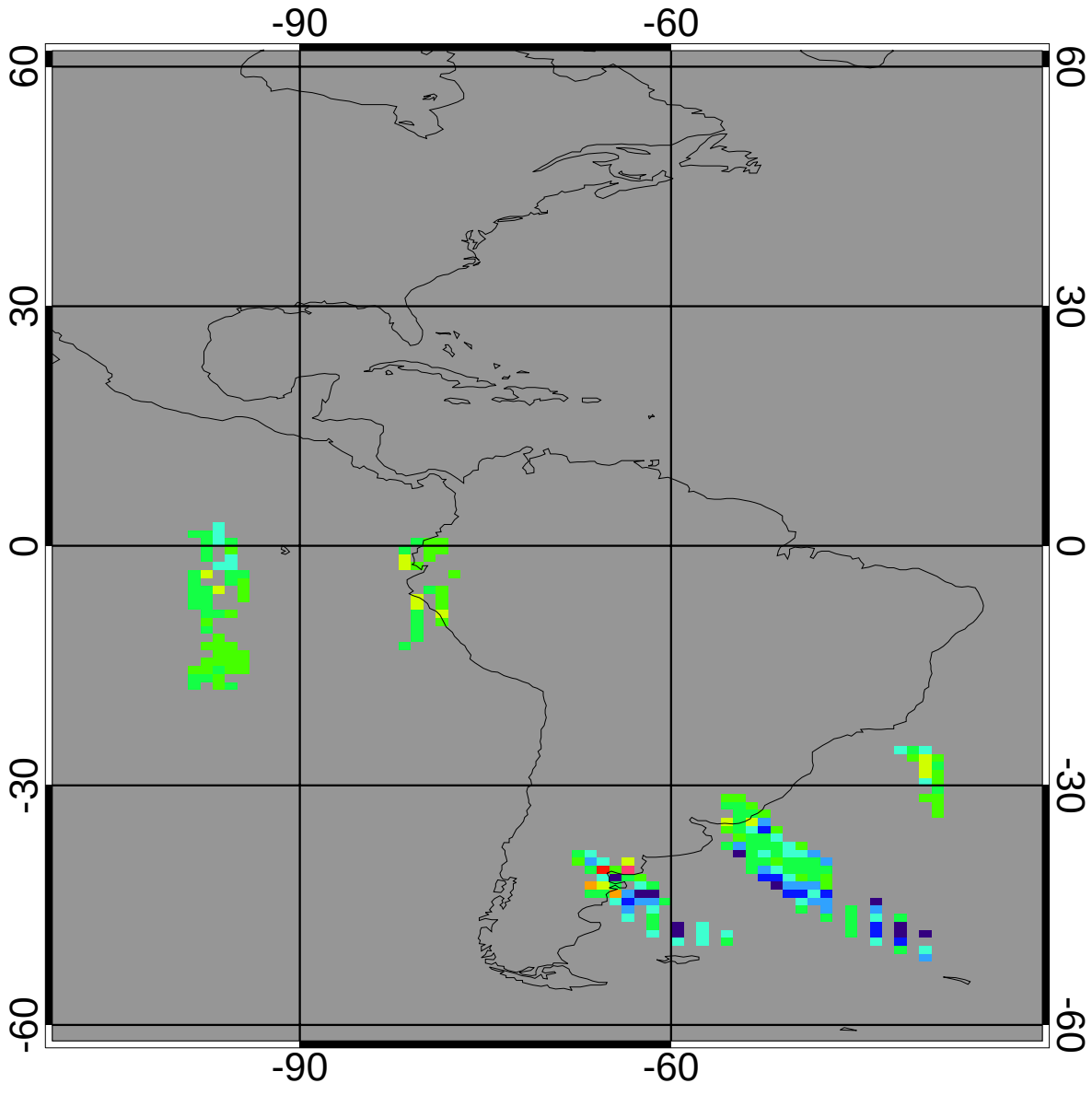
CERES/Aqua MEAN Daytime Log Optical Depth

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Log Optical Depth Bias

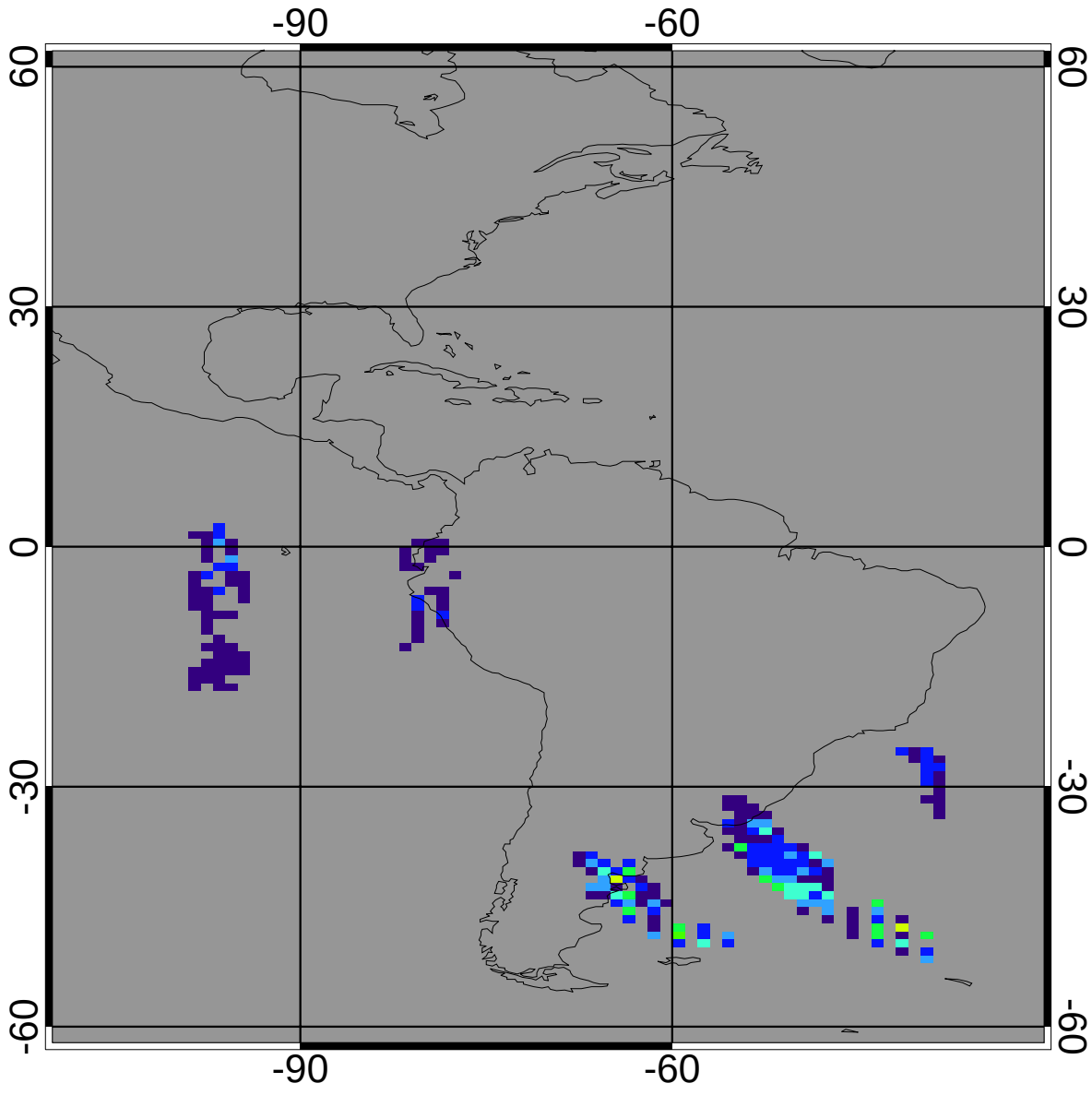
5ch_V01 Jan 2010 (matched angle)



bias	-0.21	-20.43%
domain sigma	0.47	45.15%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

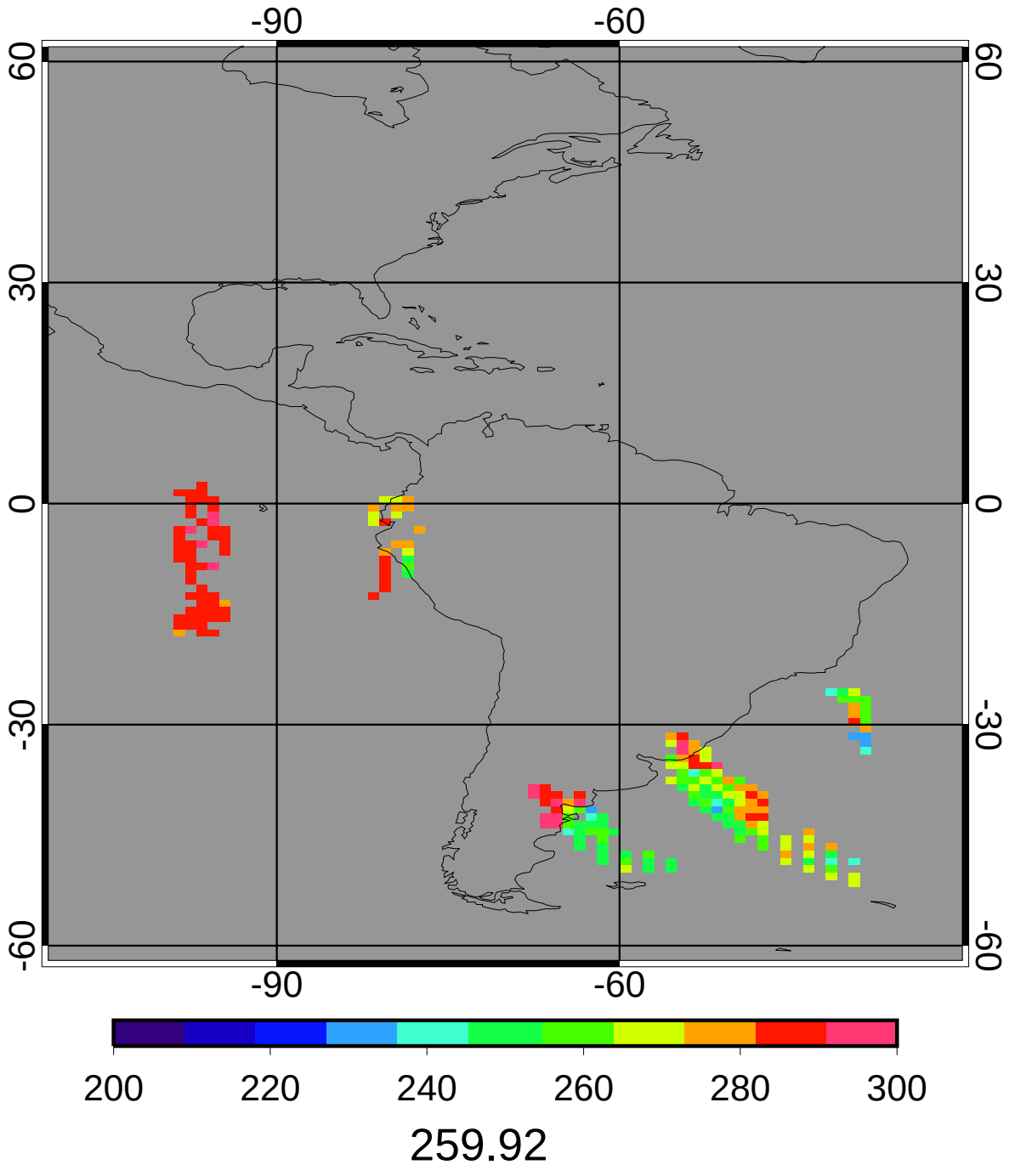
5ch_V01 Jan 2010 (matched angle)



regave rms	0.46	43.98%
domain rms	0.67	63.81%

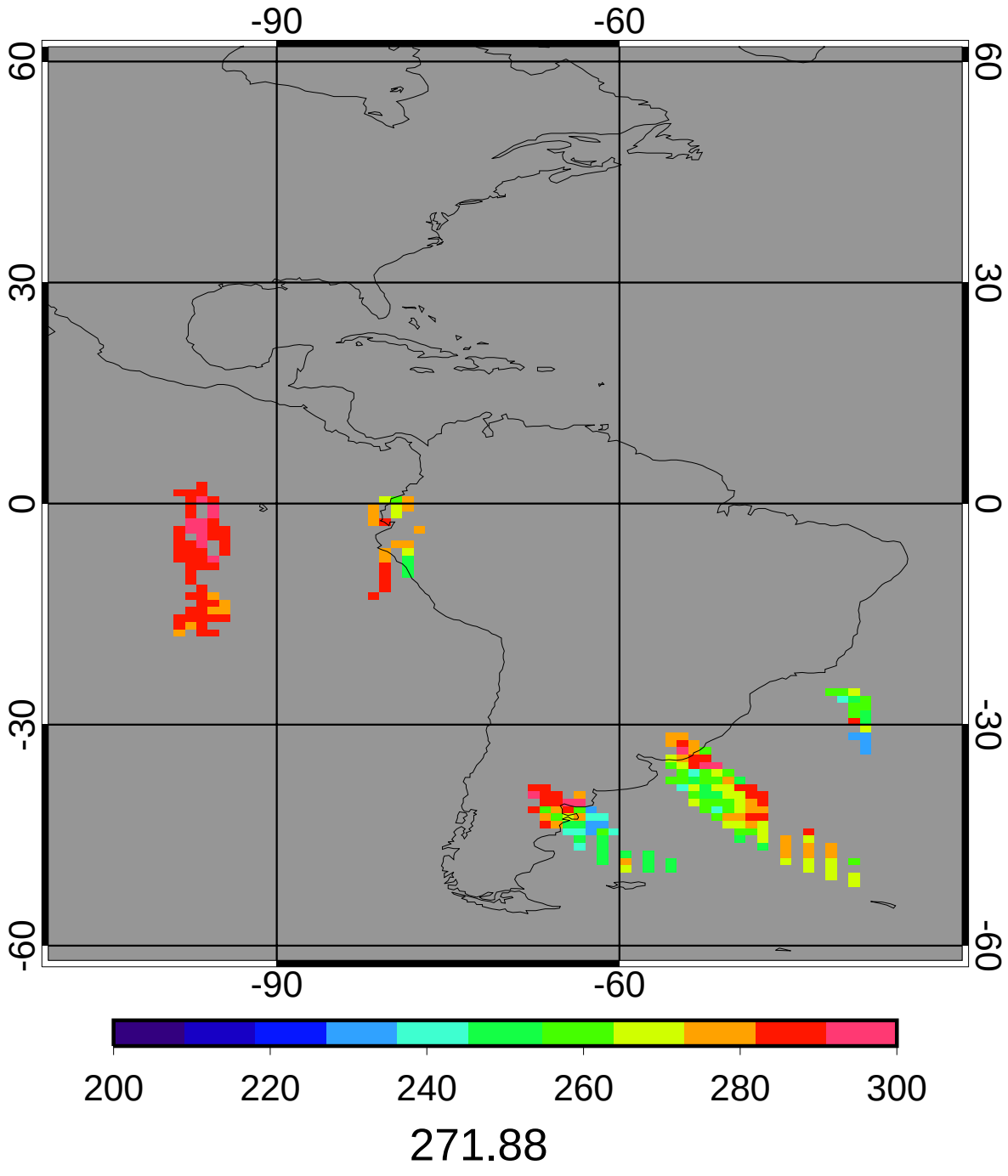
GGEO MEAN Daytime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



CERES/Aqua MEAN Daytime Cloud Temperature (K)

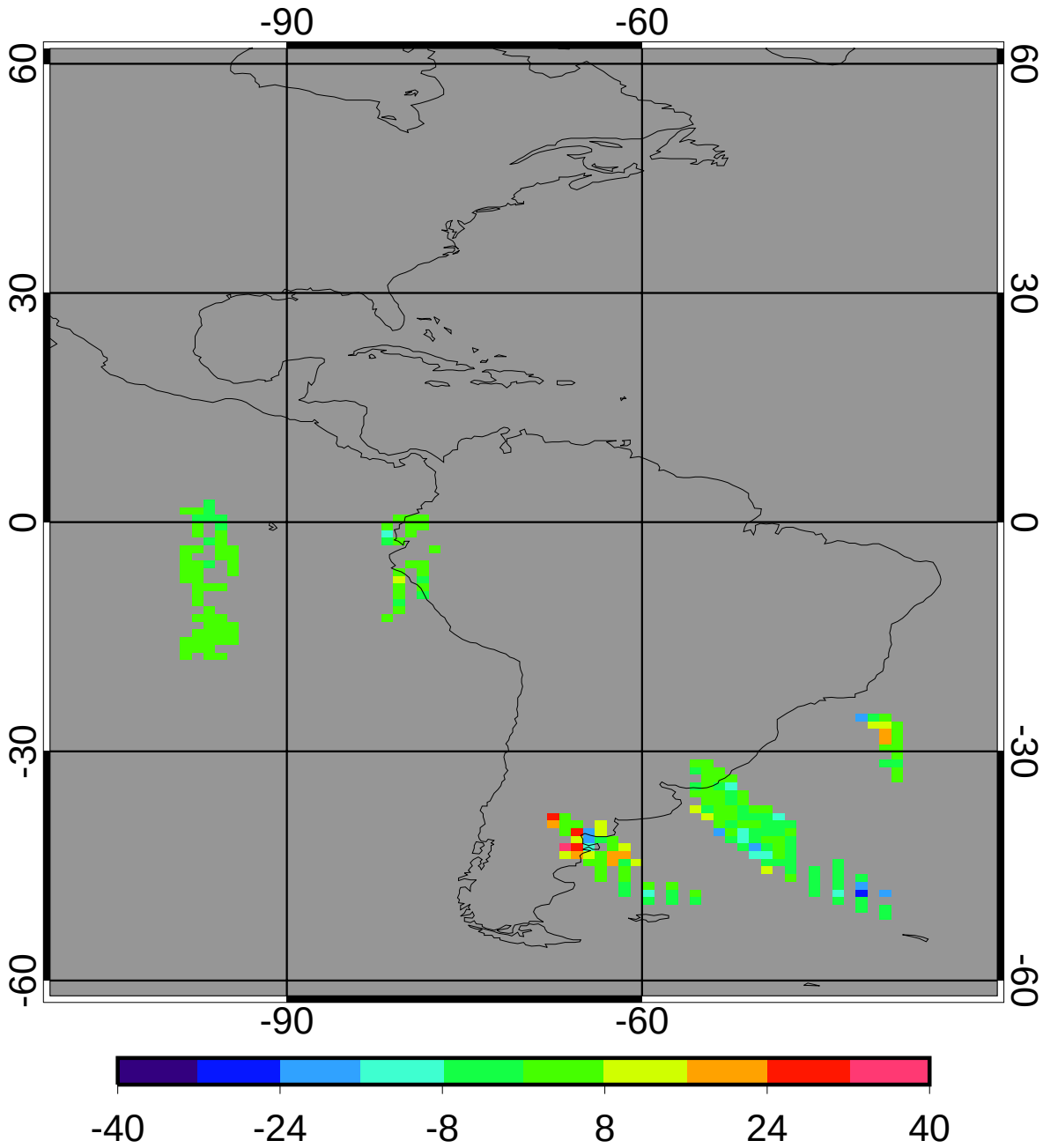
5ch_V01 Jan 2010 (matched angle)



271.88

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

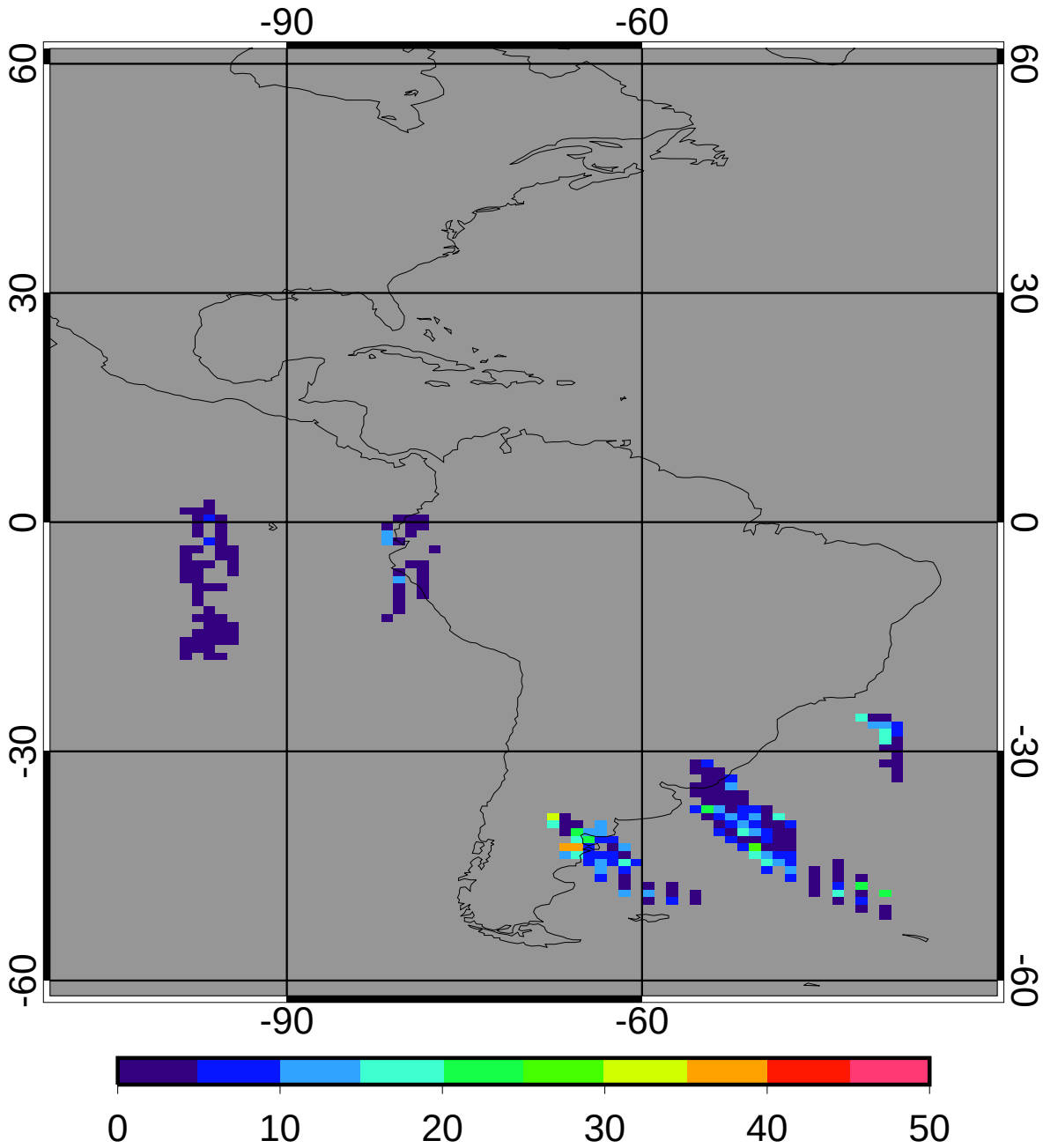
5ch_V01 Jan 2010 (matched angle)



bias	0.75	0.28%
domain sigma	6.02	2.21%

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

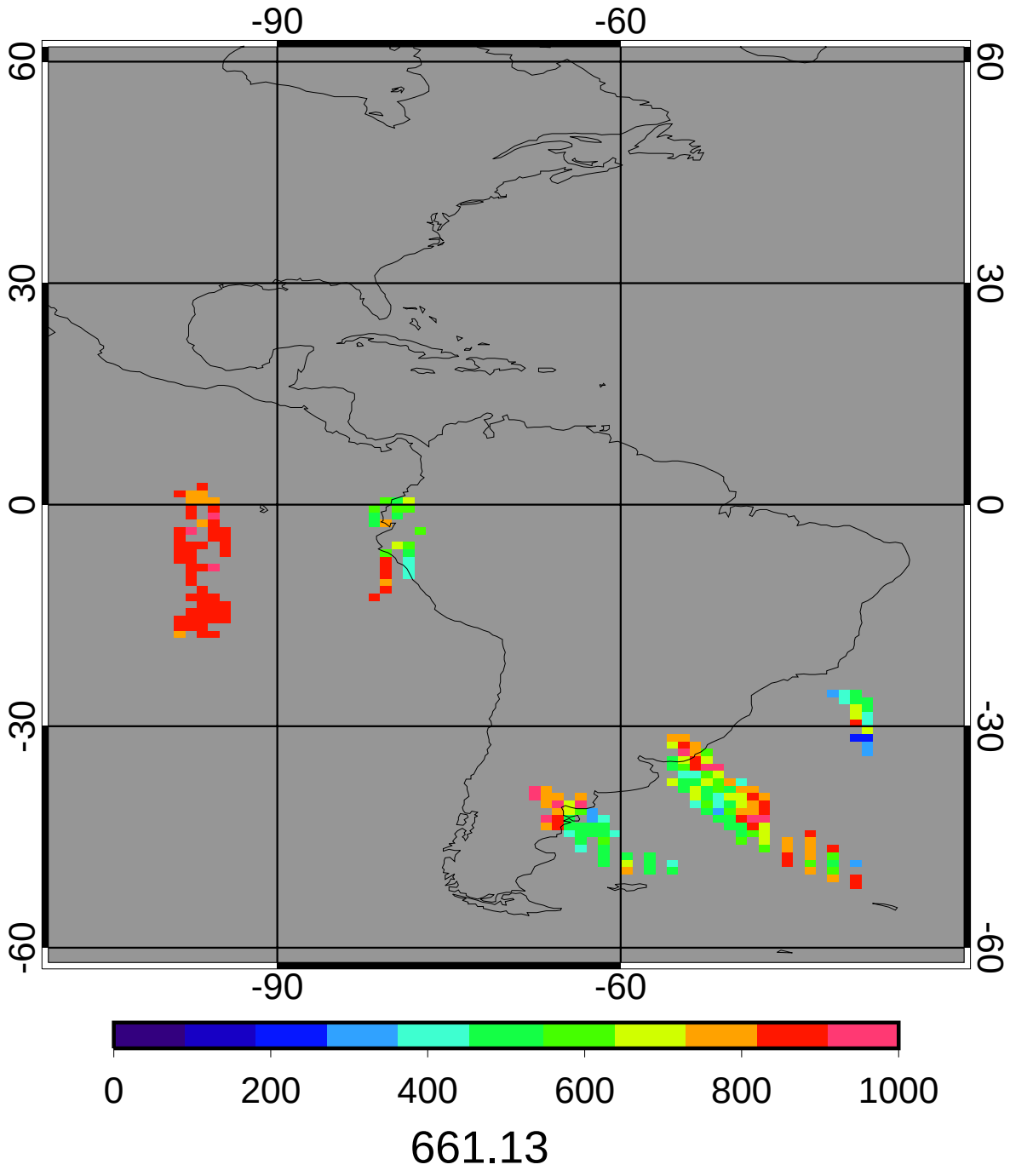
5ch_V01 Jan 2010 (matched angle)



regave rms	4.82	1.77%
domain rms	7.52	2.76%

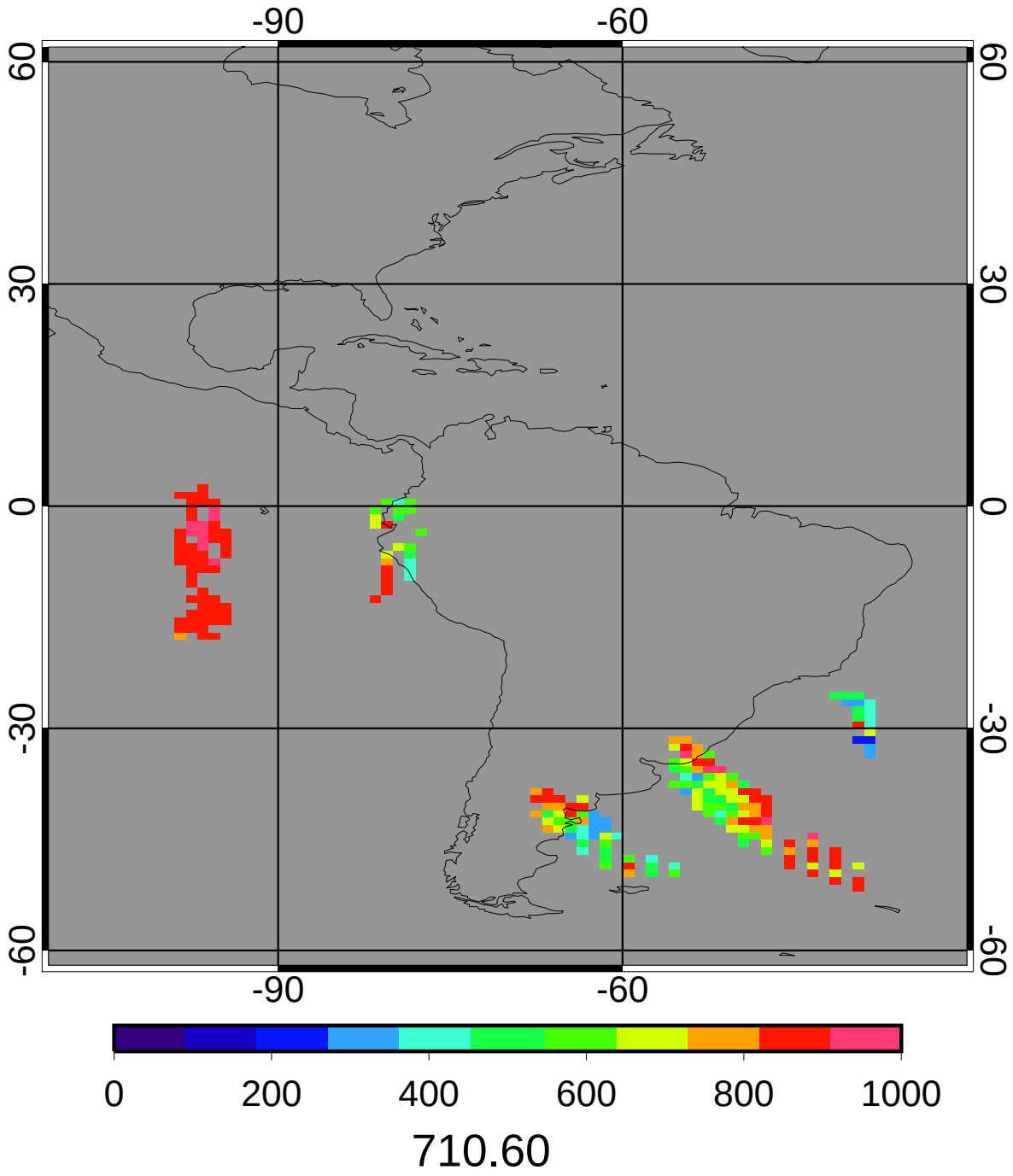
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



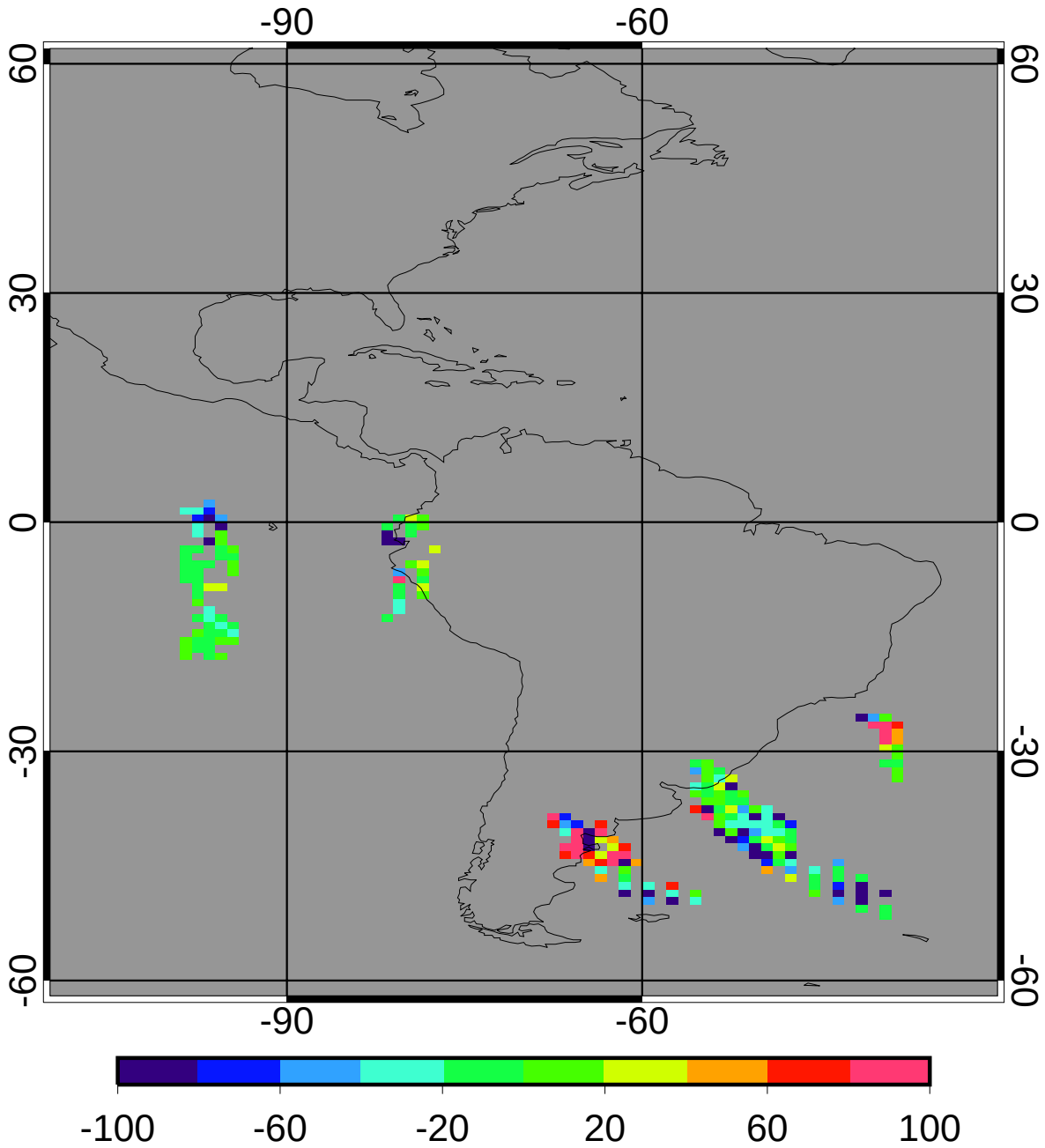
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

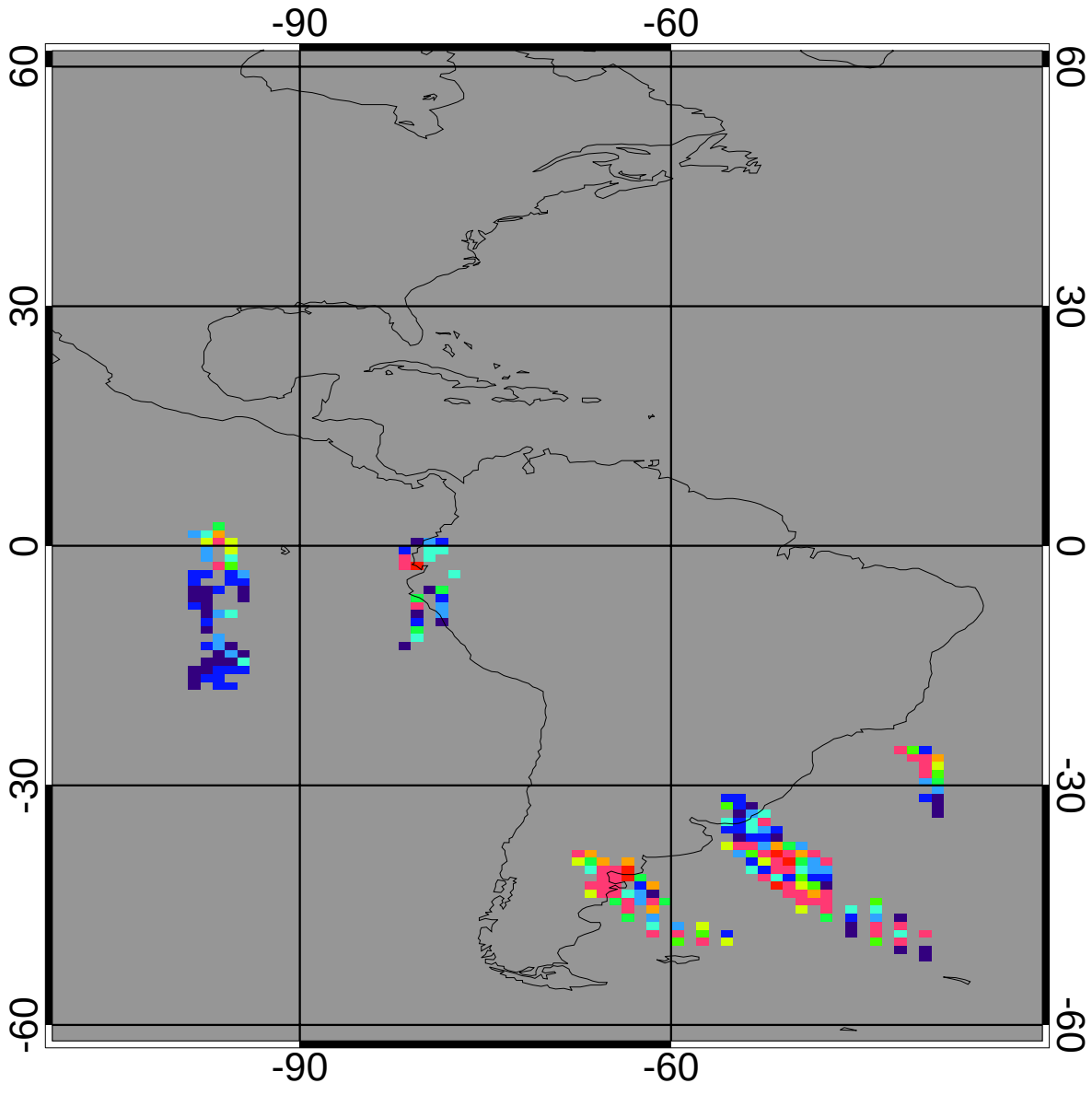
5ch_V01 Jan 2010 (matched angle)



bias	-12.05	-1.70%
domain sigma	61.78	8.69%

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

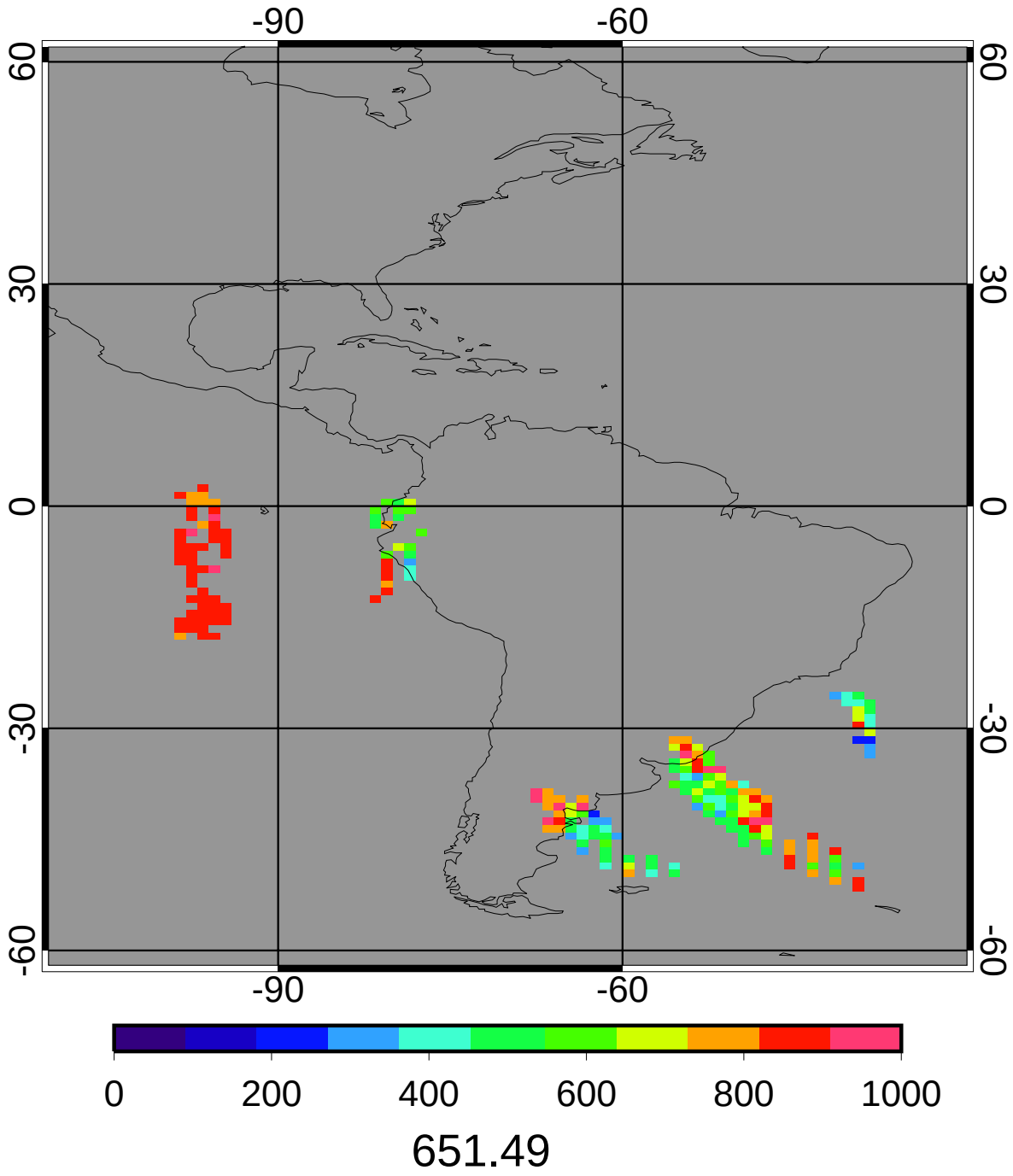
5ch_V01 Jan 2010 (matched angle)



regave rms	53.04	7.46%
domain rms	79.78	11.23%

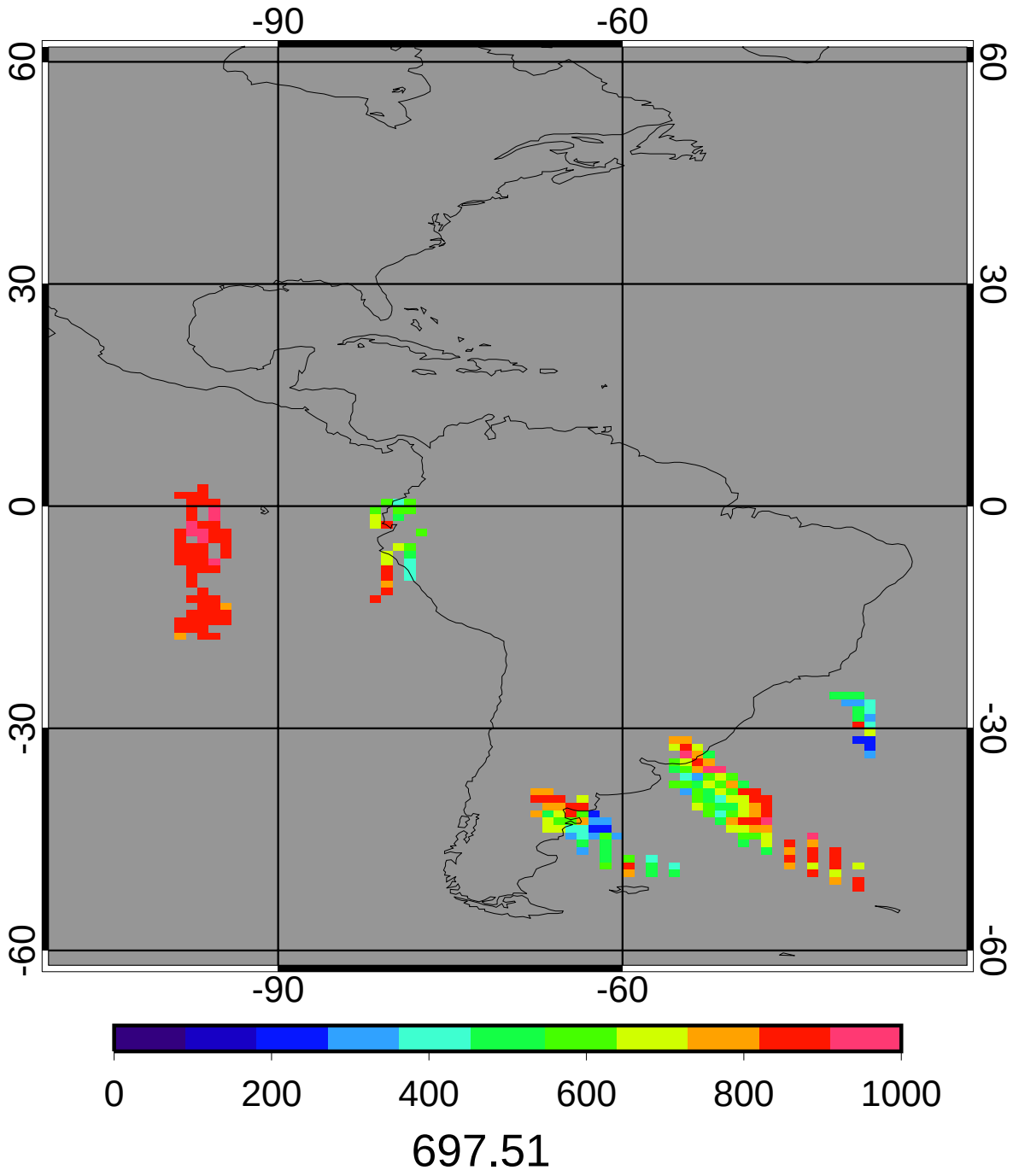
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



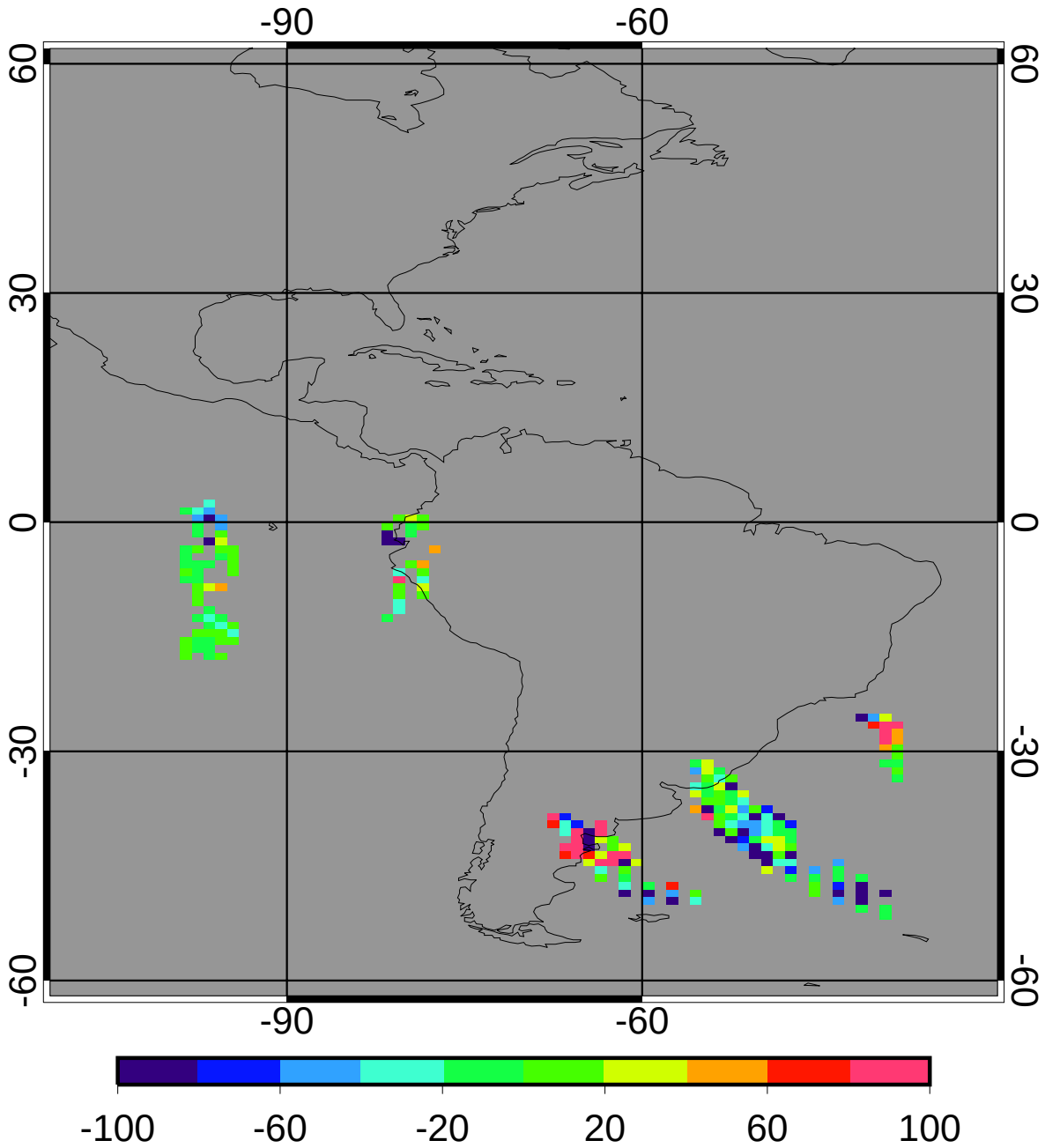
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

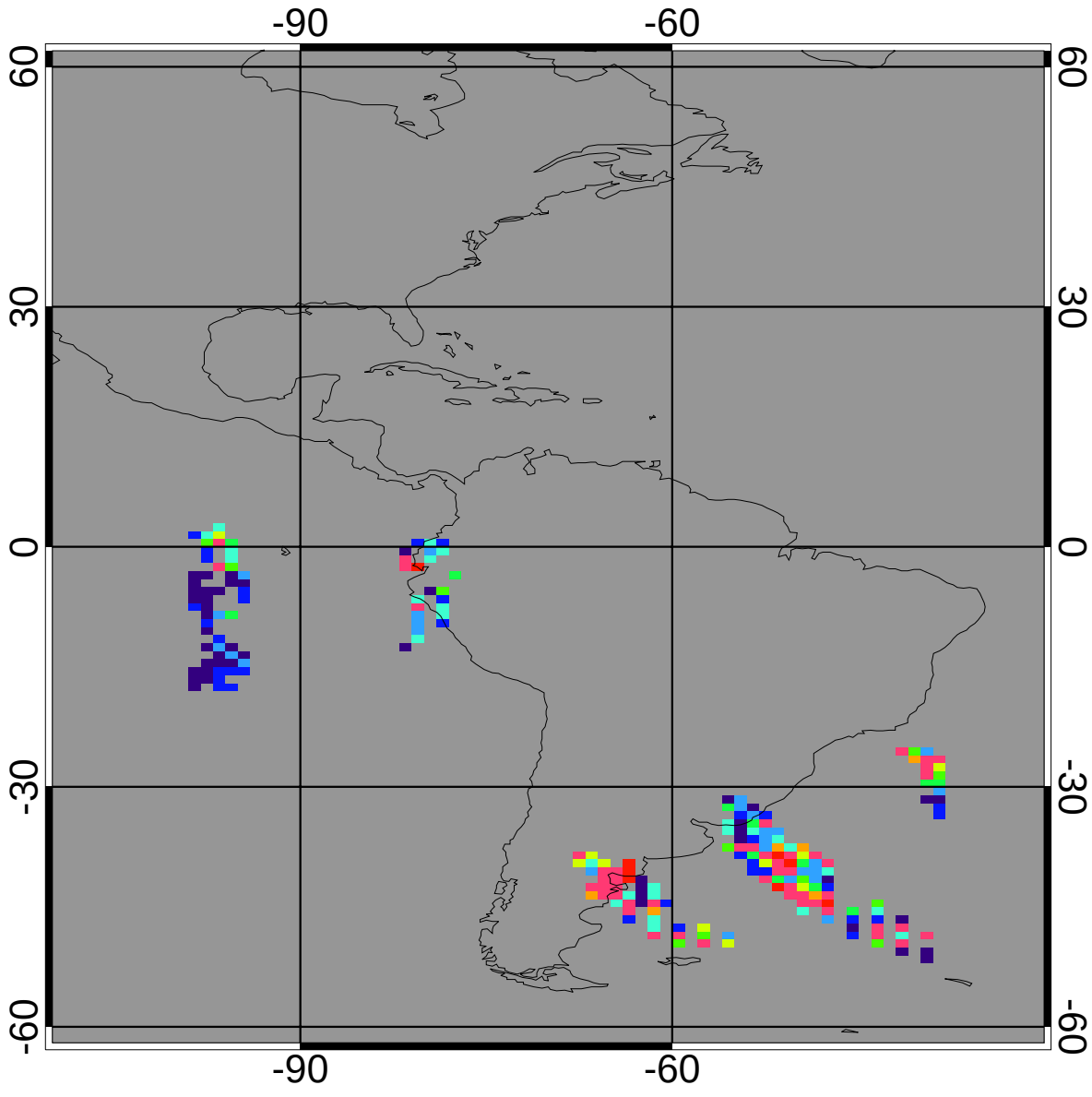
5ch_V01 Jan 2010 (matched angle)



bias	-9.32	-1.34%
domain sigma	62.62	8.98%

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

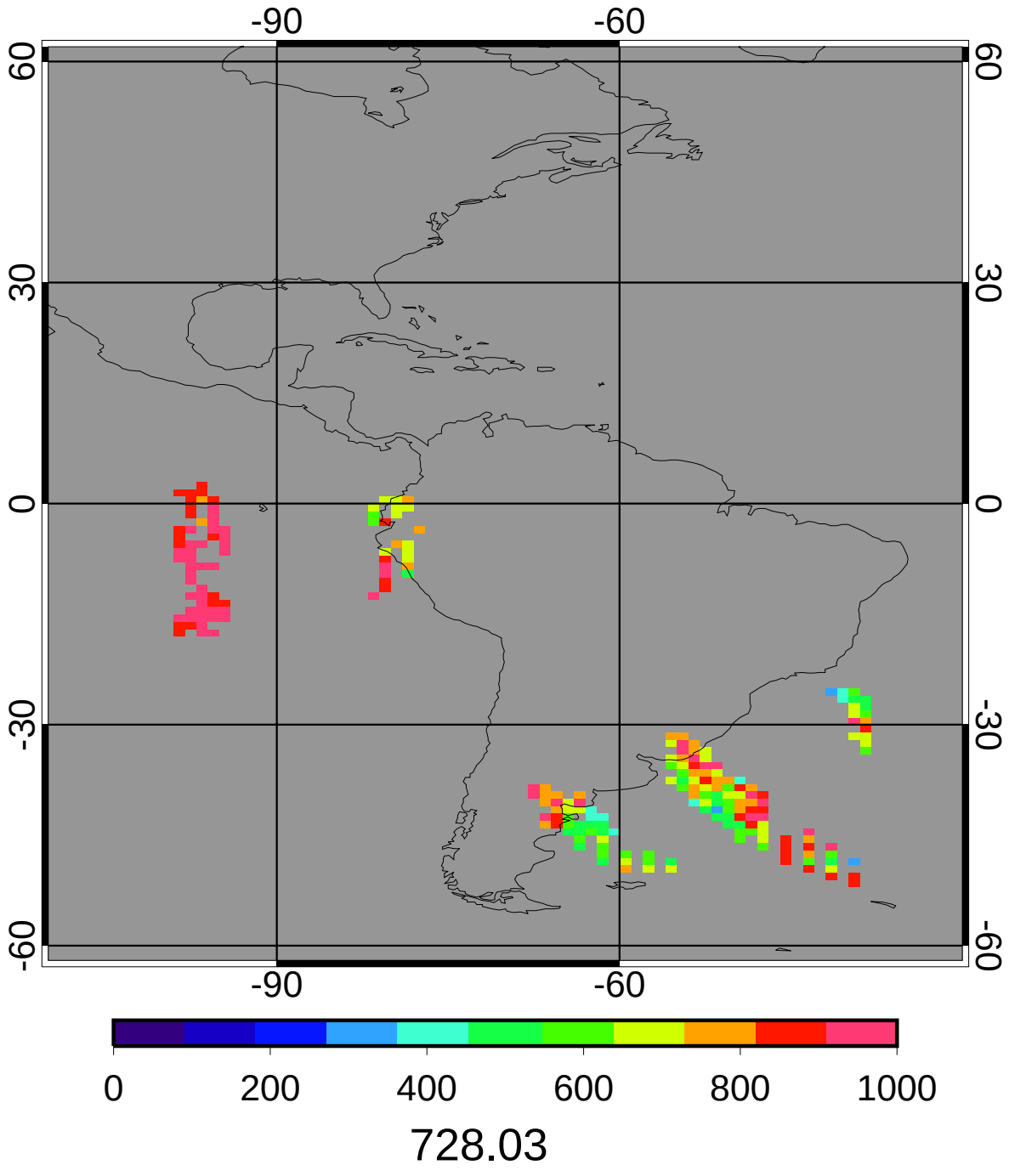
5ch_V01 Jan 2010 (matched angle)



regave rms	51.98	7.45%
domain rms	79.13	11.34%

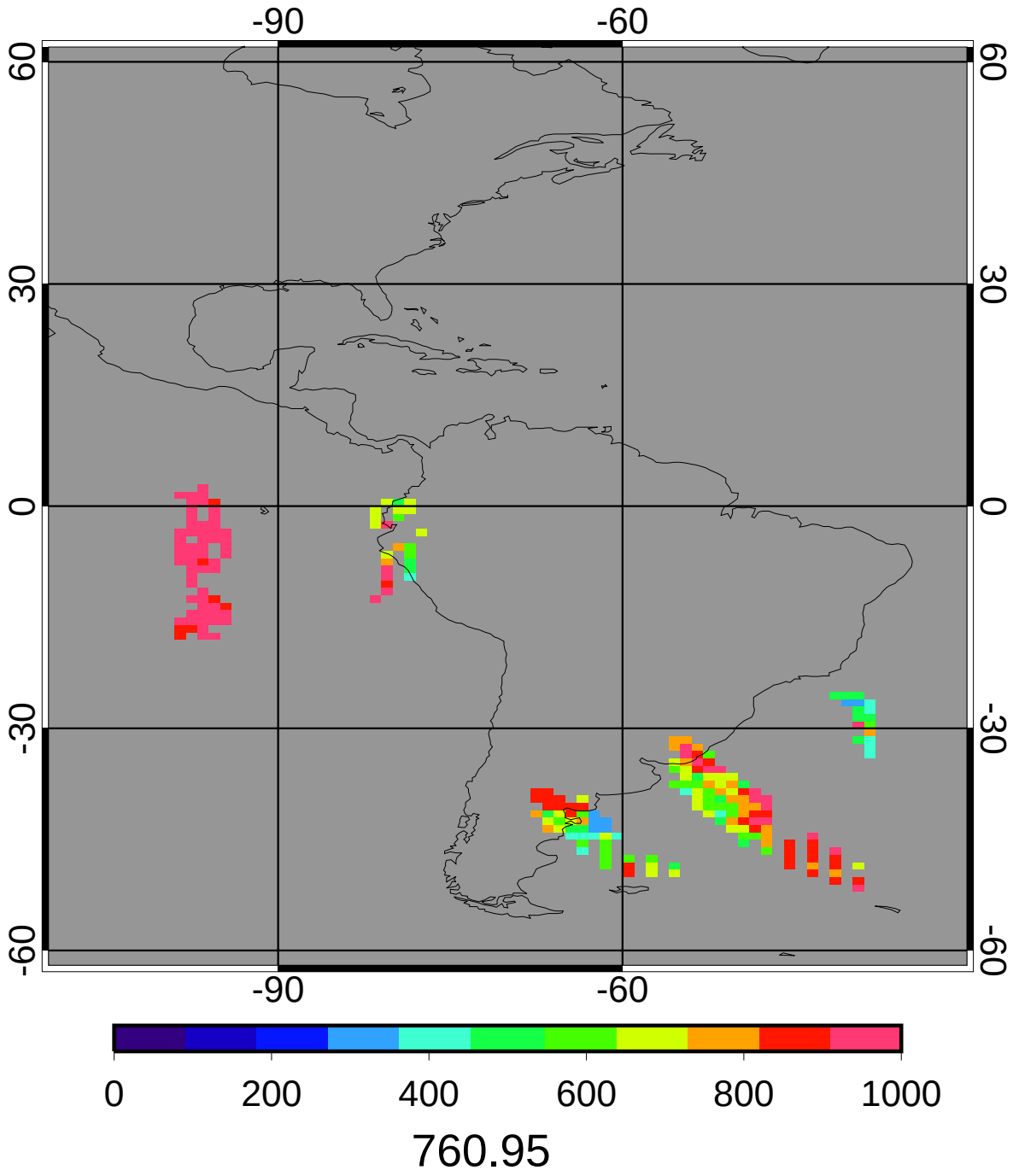
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



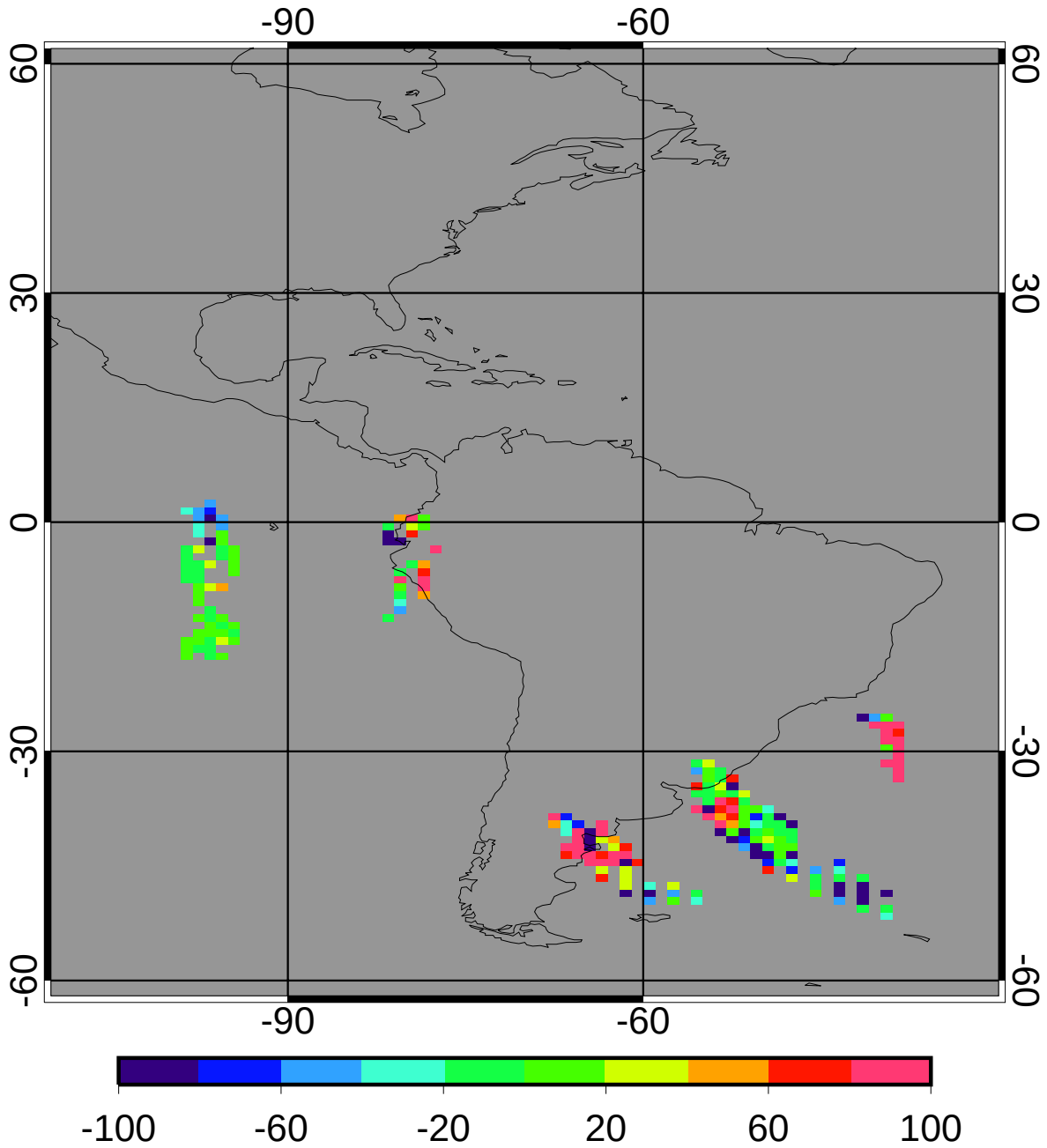
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

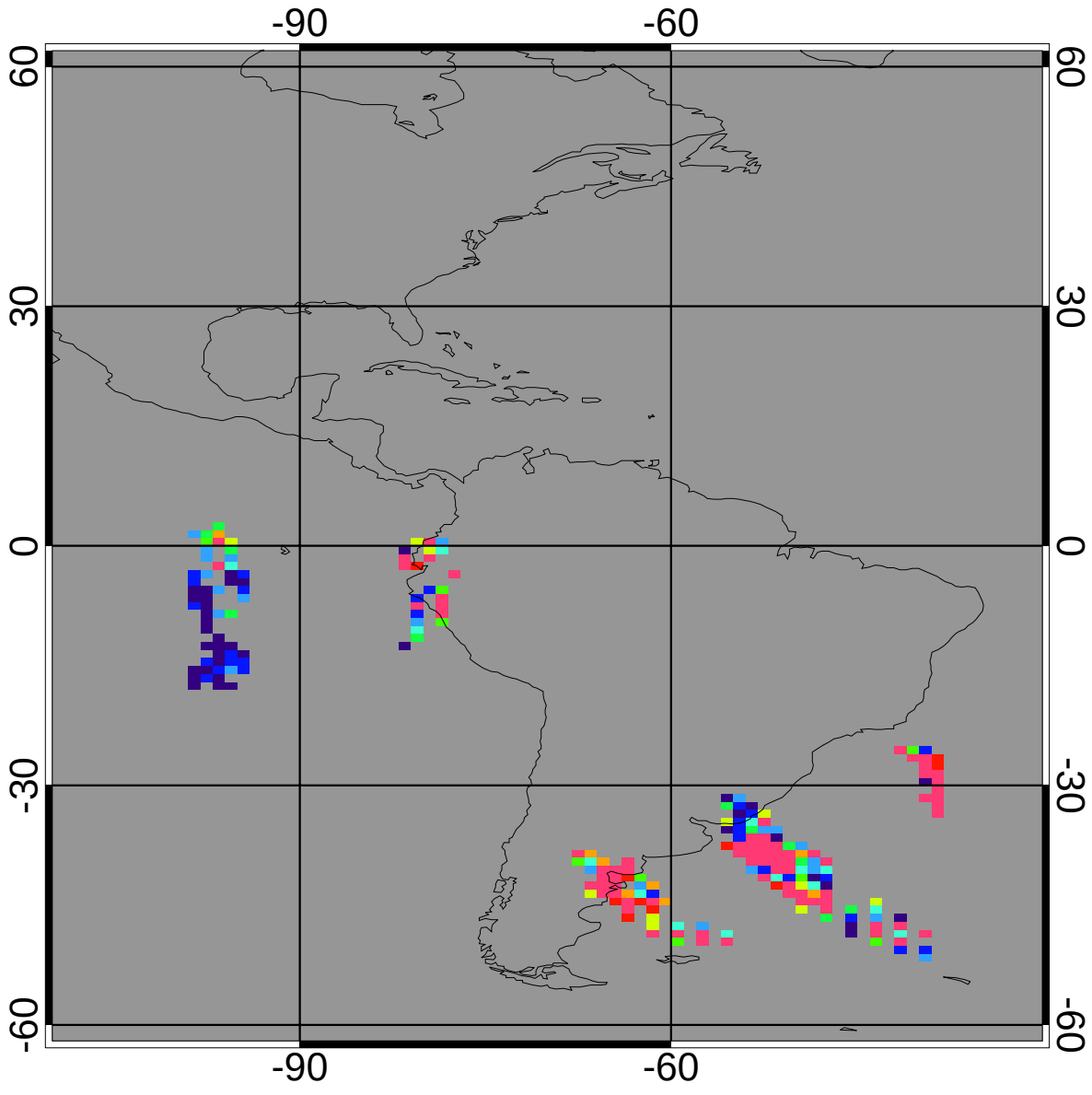
5ch_V01 Jan 2010 (matched angle)



bias	5.43	0.71%
domain sigma	73.84	9.70%

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

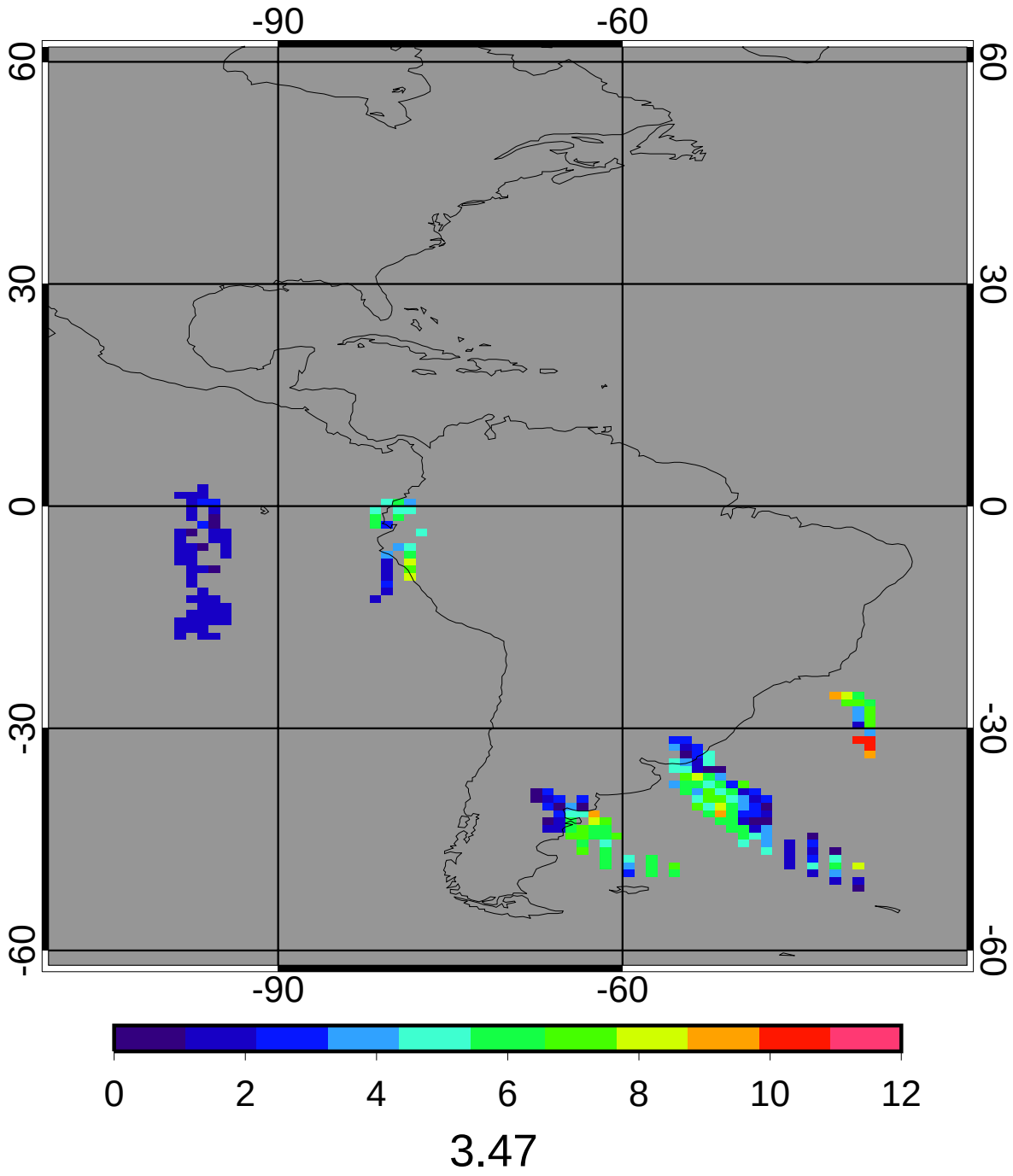
5ch_V01 Jan 2010 (matched angle)



regave rms	68.97	9.06%
domain rms	98.09	12.89%

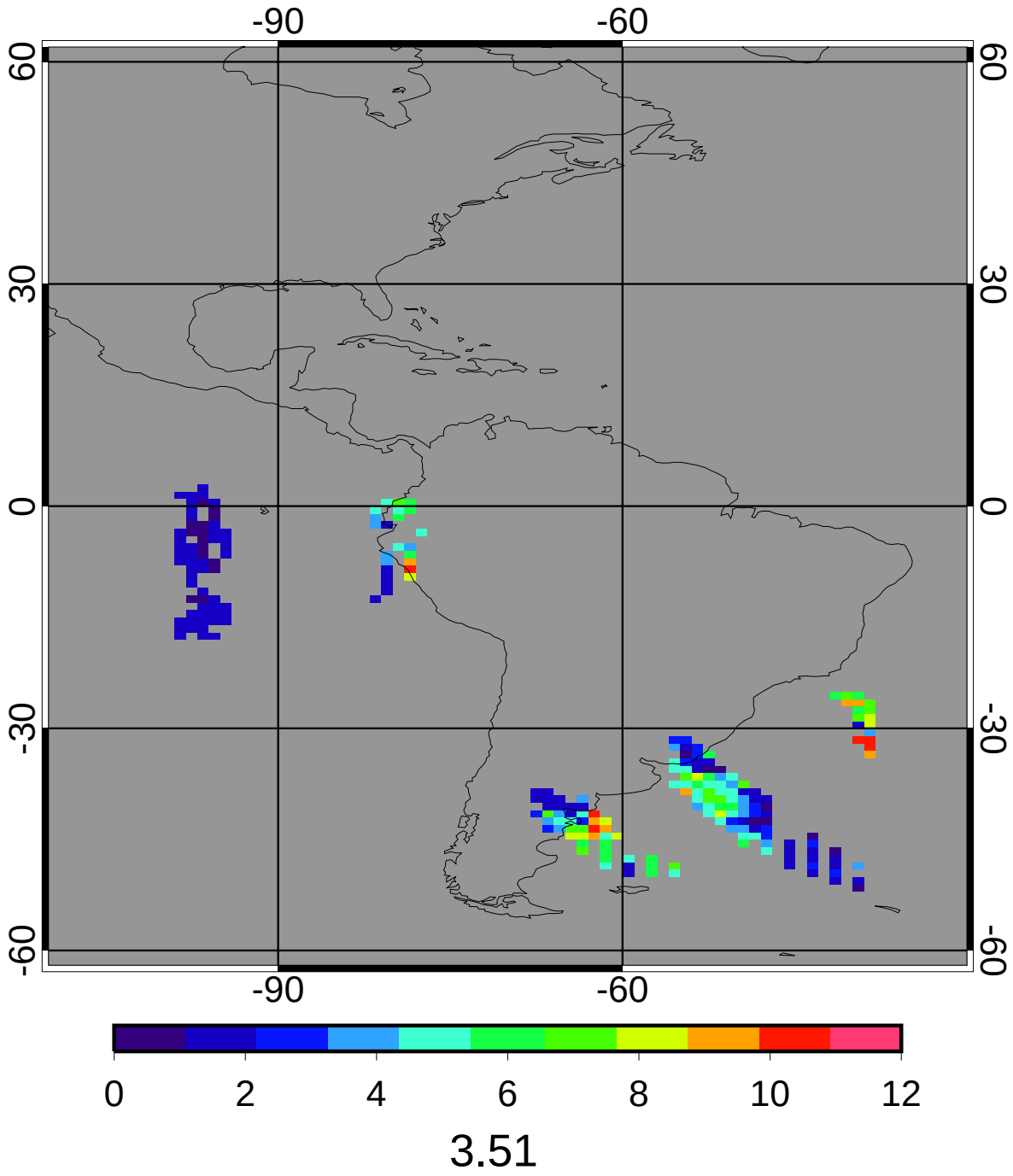
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



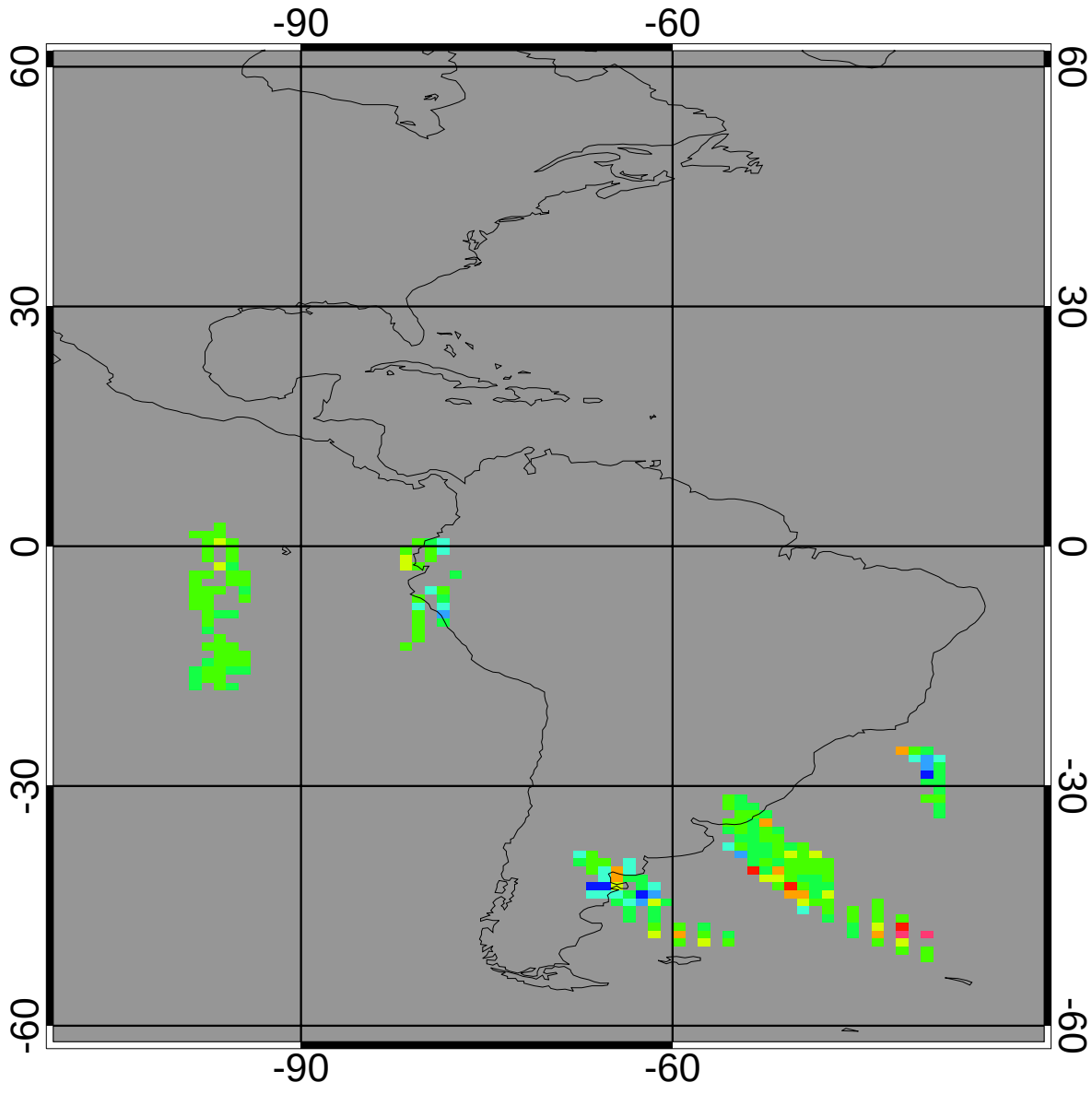
CERES/Aqua MEAN Daytime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



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

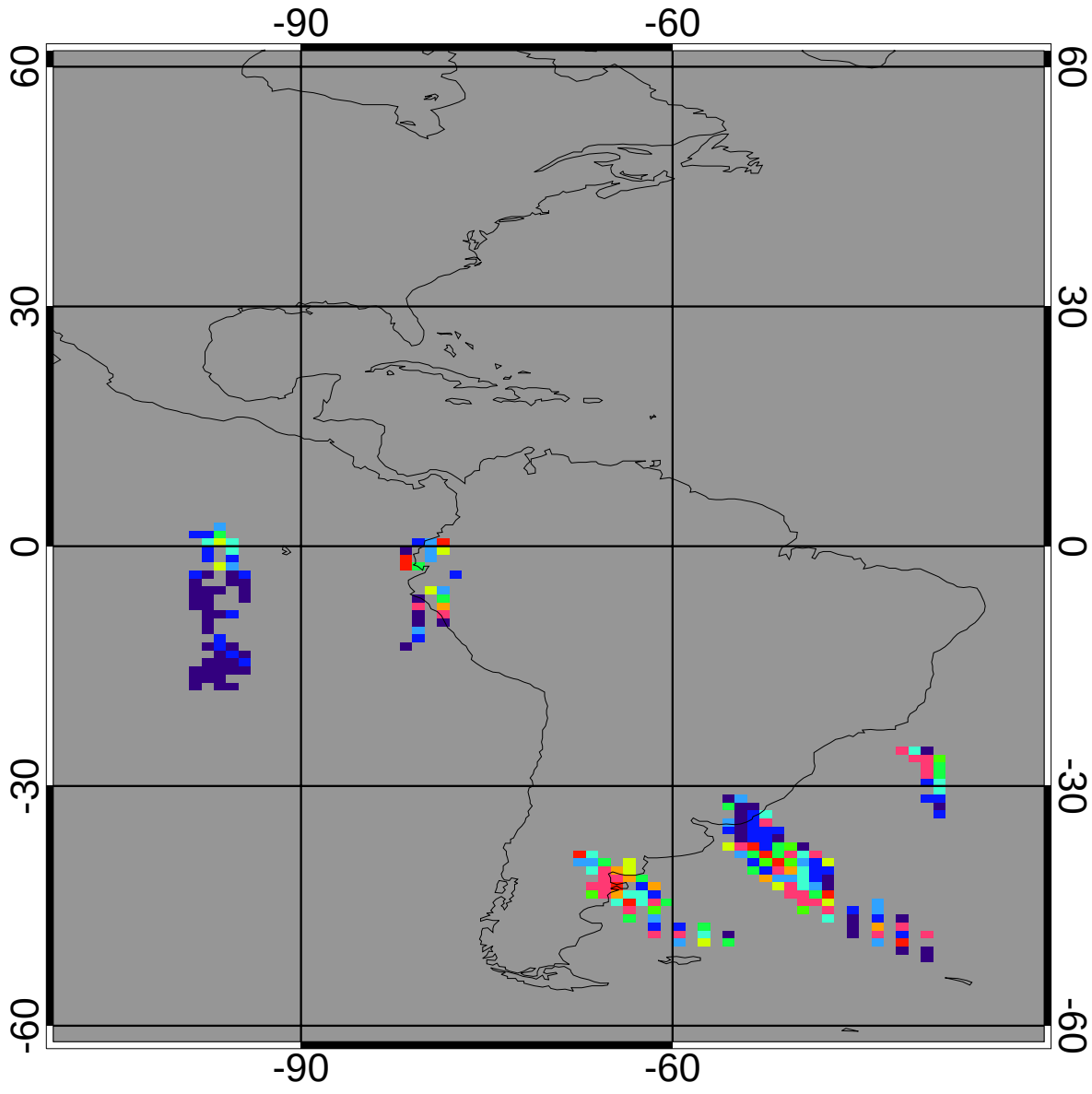
5ch_V01 Jan 2010 (matched angle)



bias	0.05	1.38%
domain sigma	0.91	25.94%

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

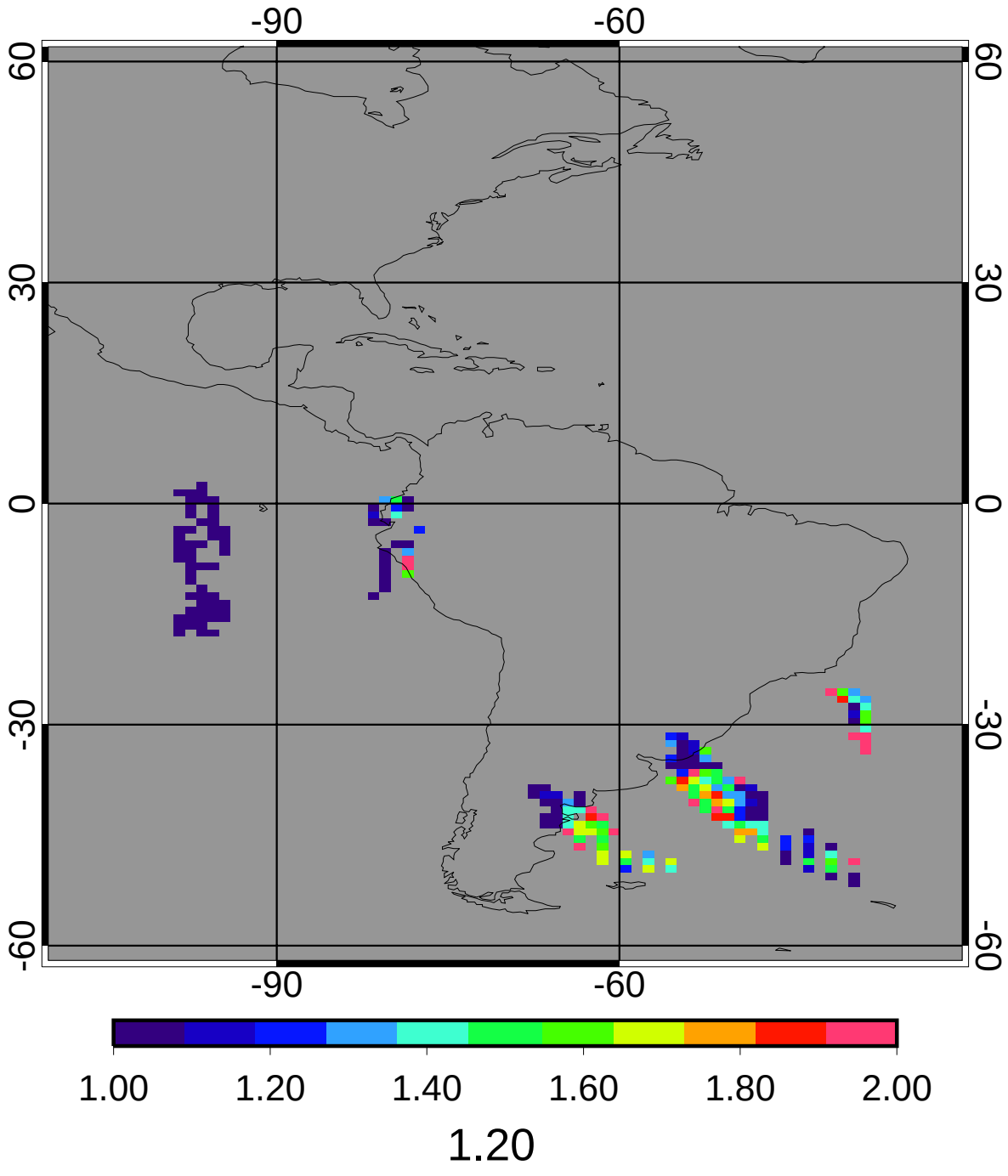
5ch_V01 Jan 2010 (matched angle)



regave rms	0.76	21.64%
domain rms	1.13	32.14%

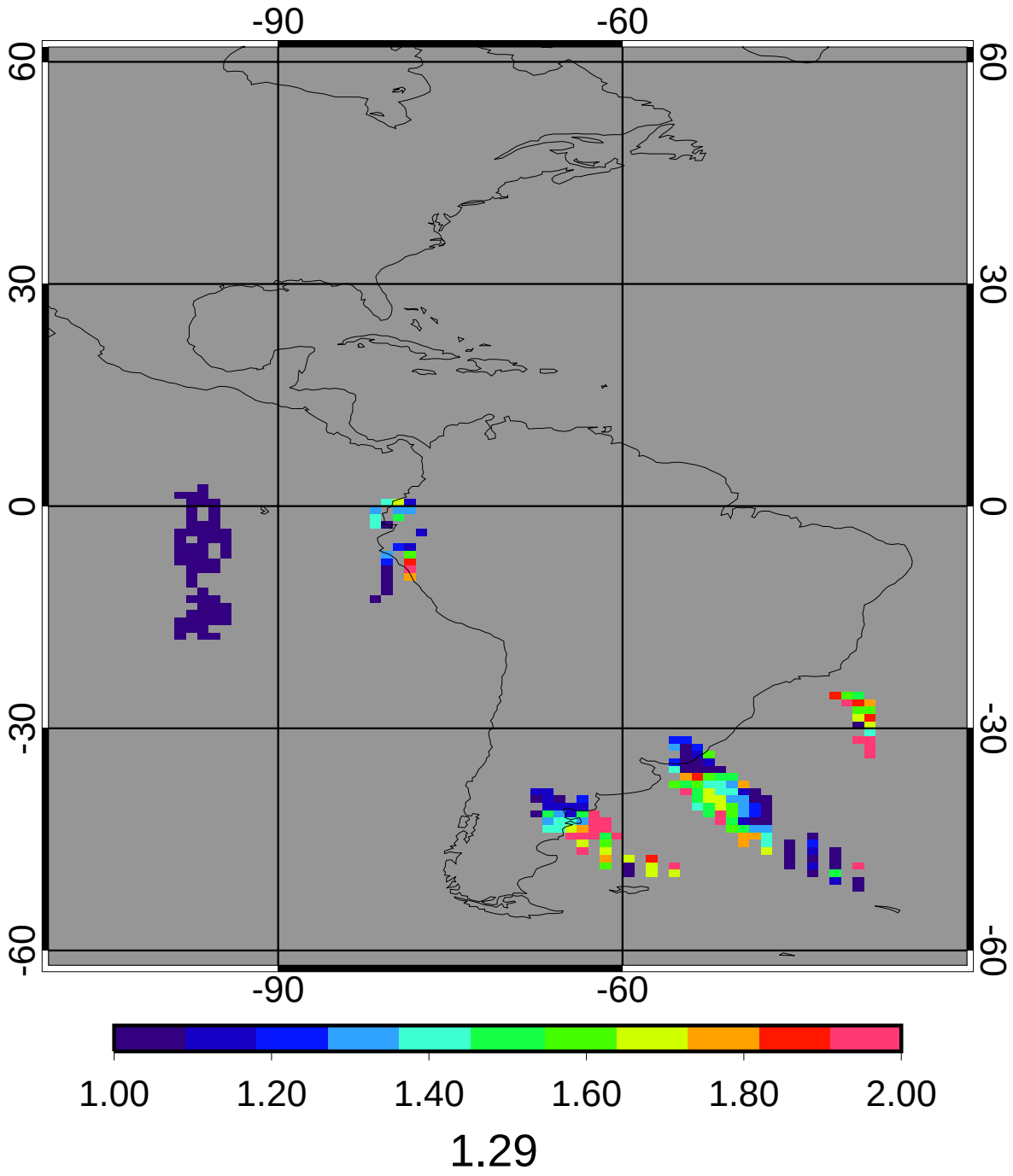
GGEO MEAN Daytime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



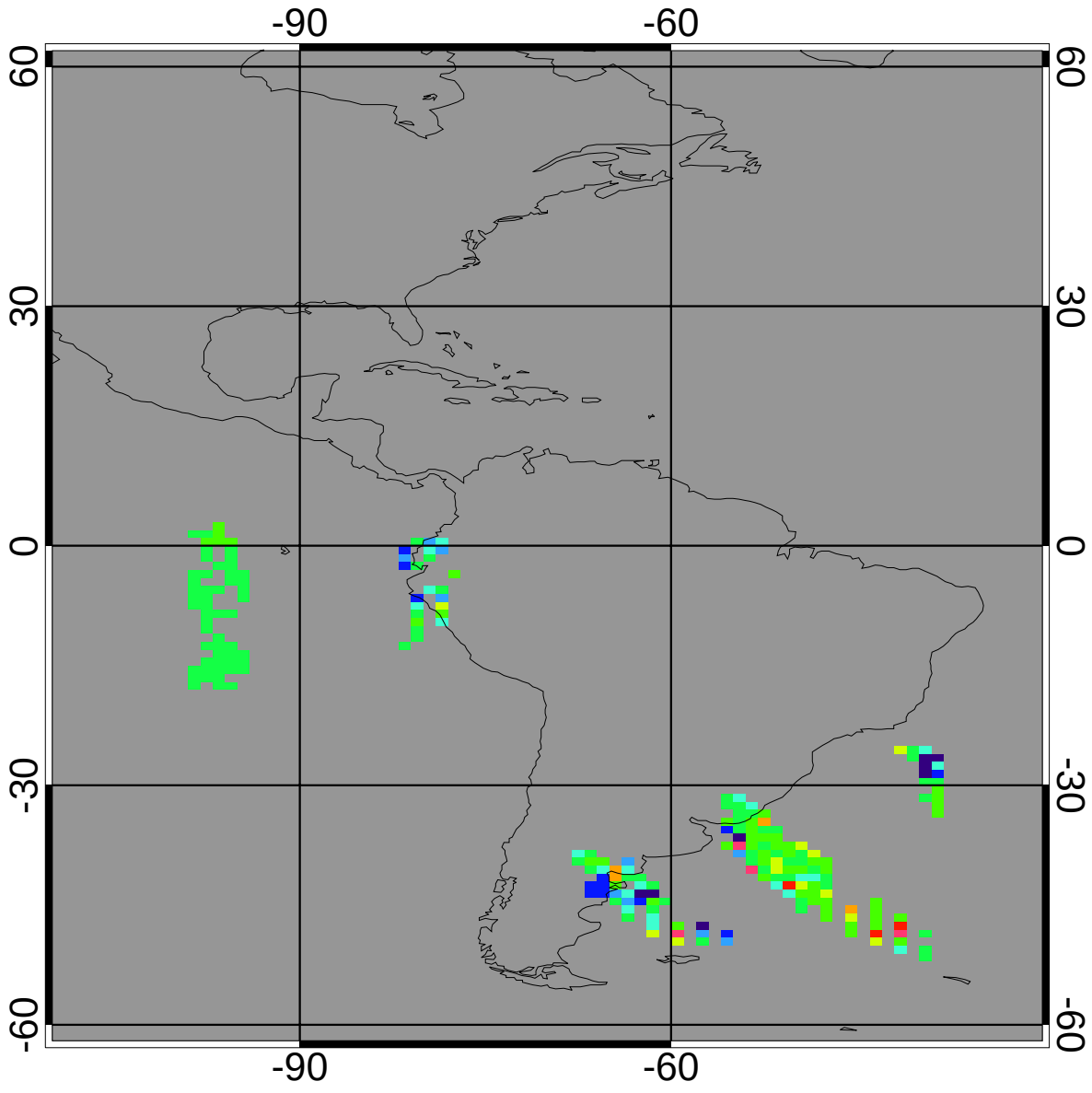
CERES/Aqua MEAN Daytime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Phase Bias

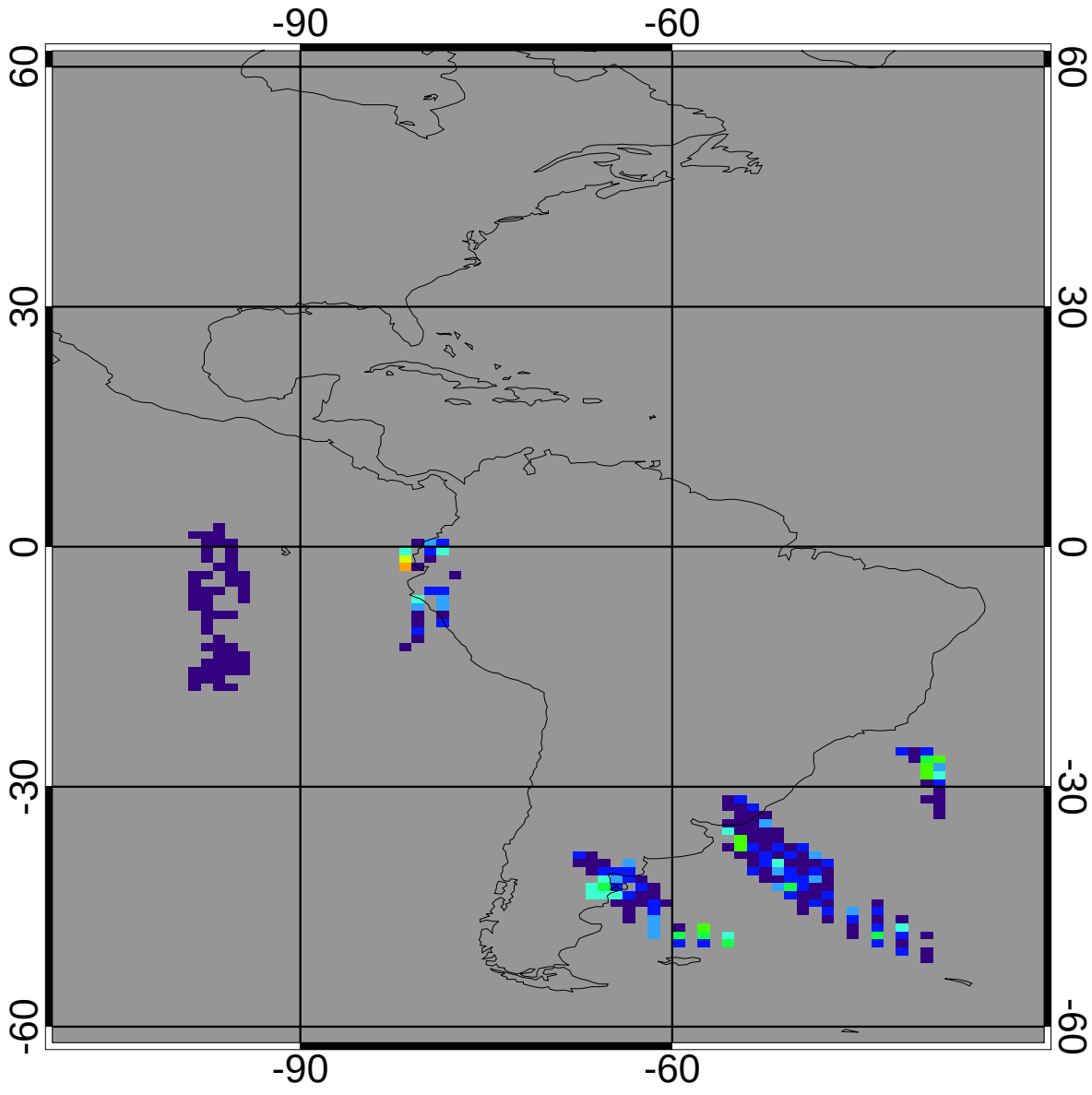
5ch_V01 Jan 2010 (matched angle)



bias	-0.04	-2.81%
domain sigma	0.13	10.23%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

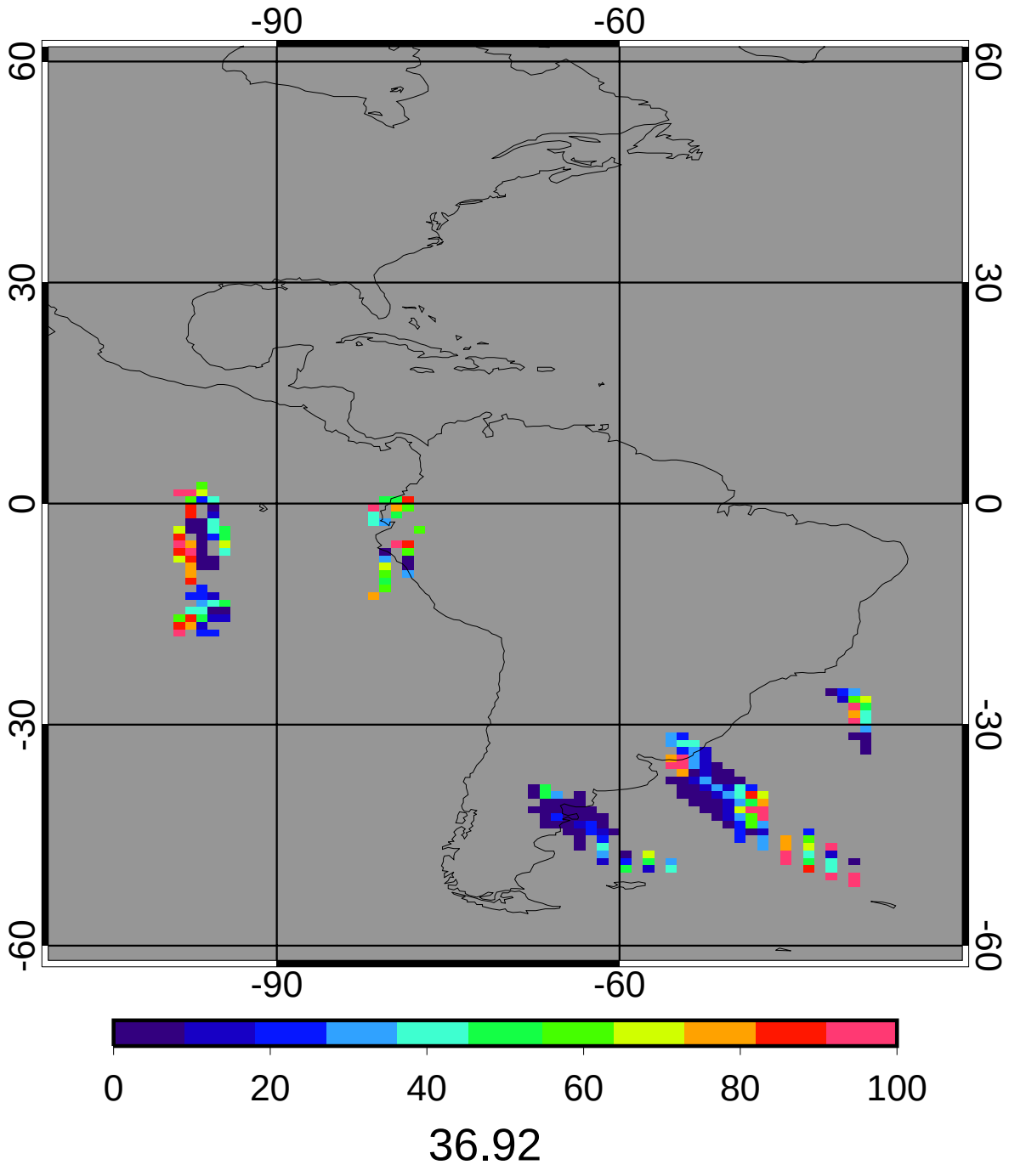
5ch_V01 Jan 2010 (matched angle)



regave rms	0.10	7.95%
domain rms	0.16	12.71%

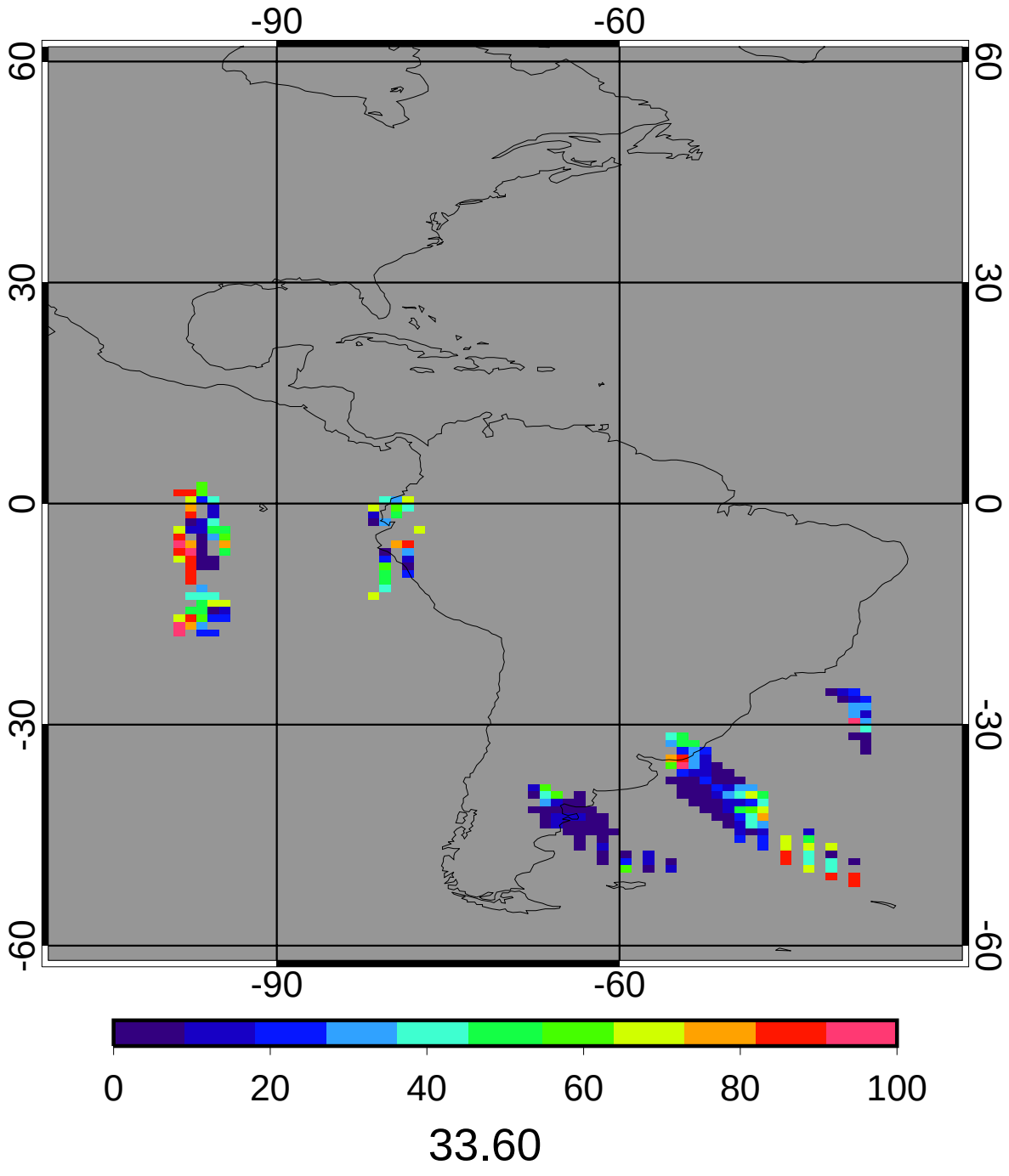
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



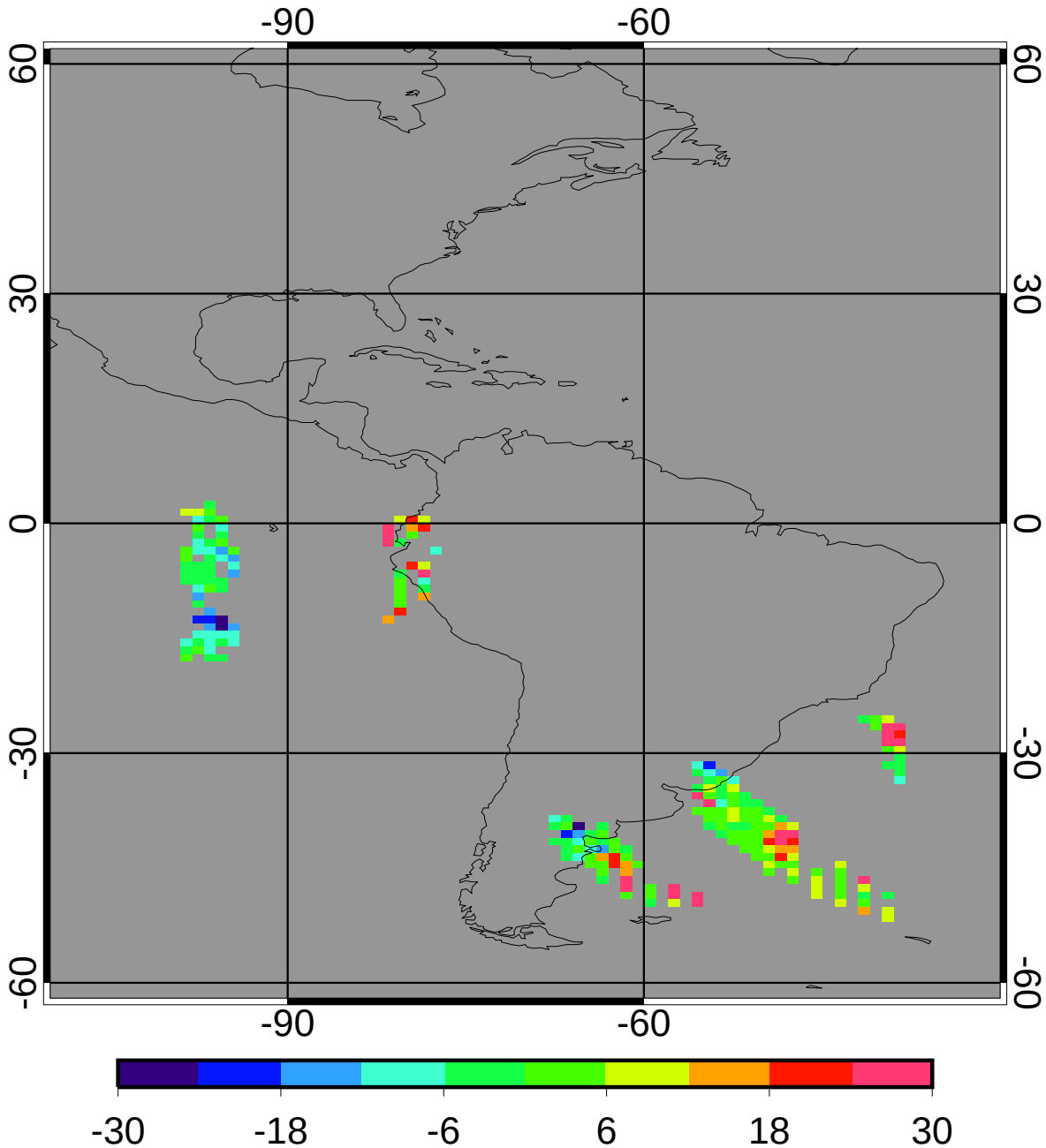
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

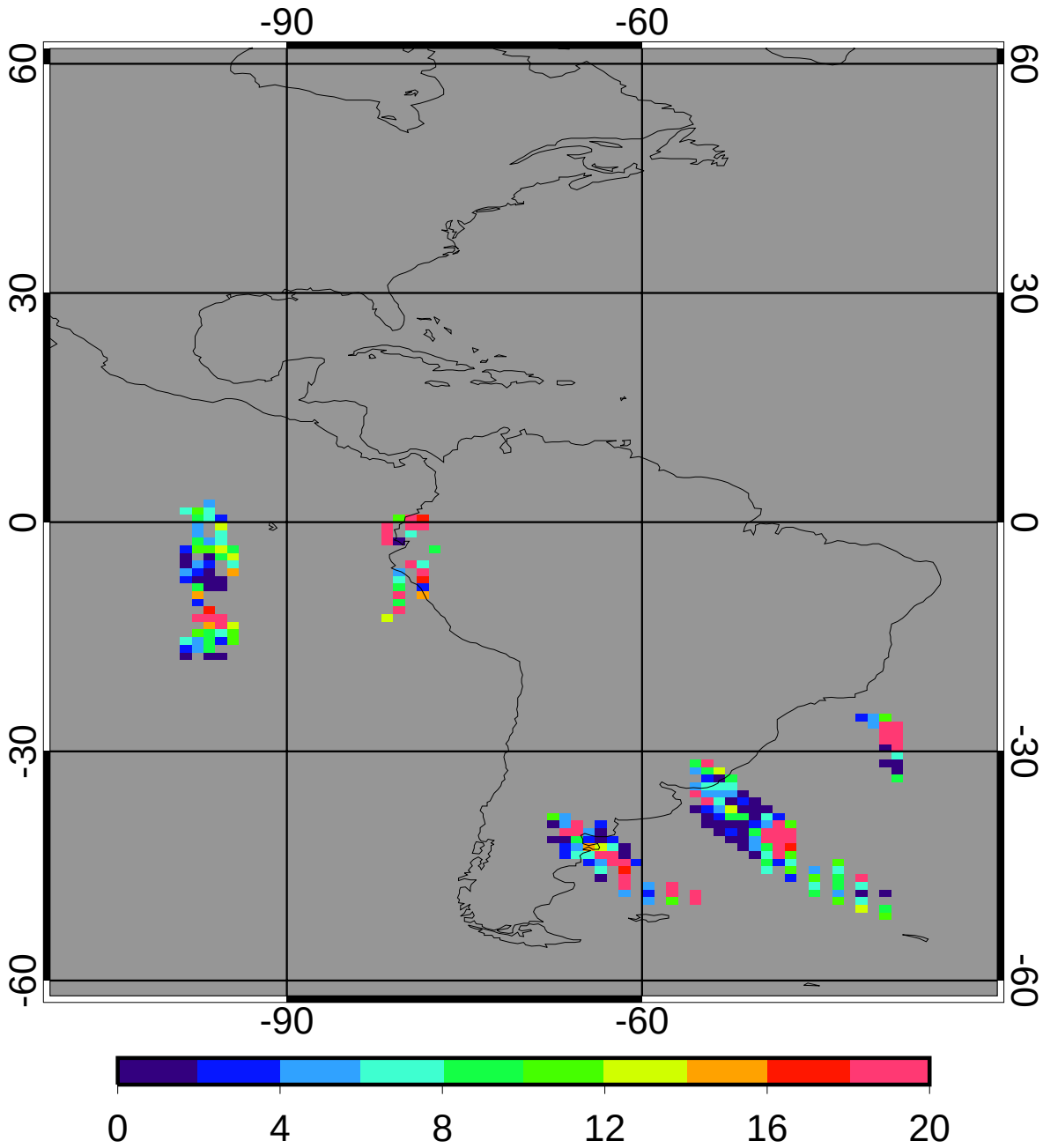
5ch_V01 Jan 2010 (matched angle)



bias	3.32	9.88%
domain sigma	11.93	35.50%

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

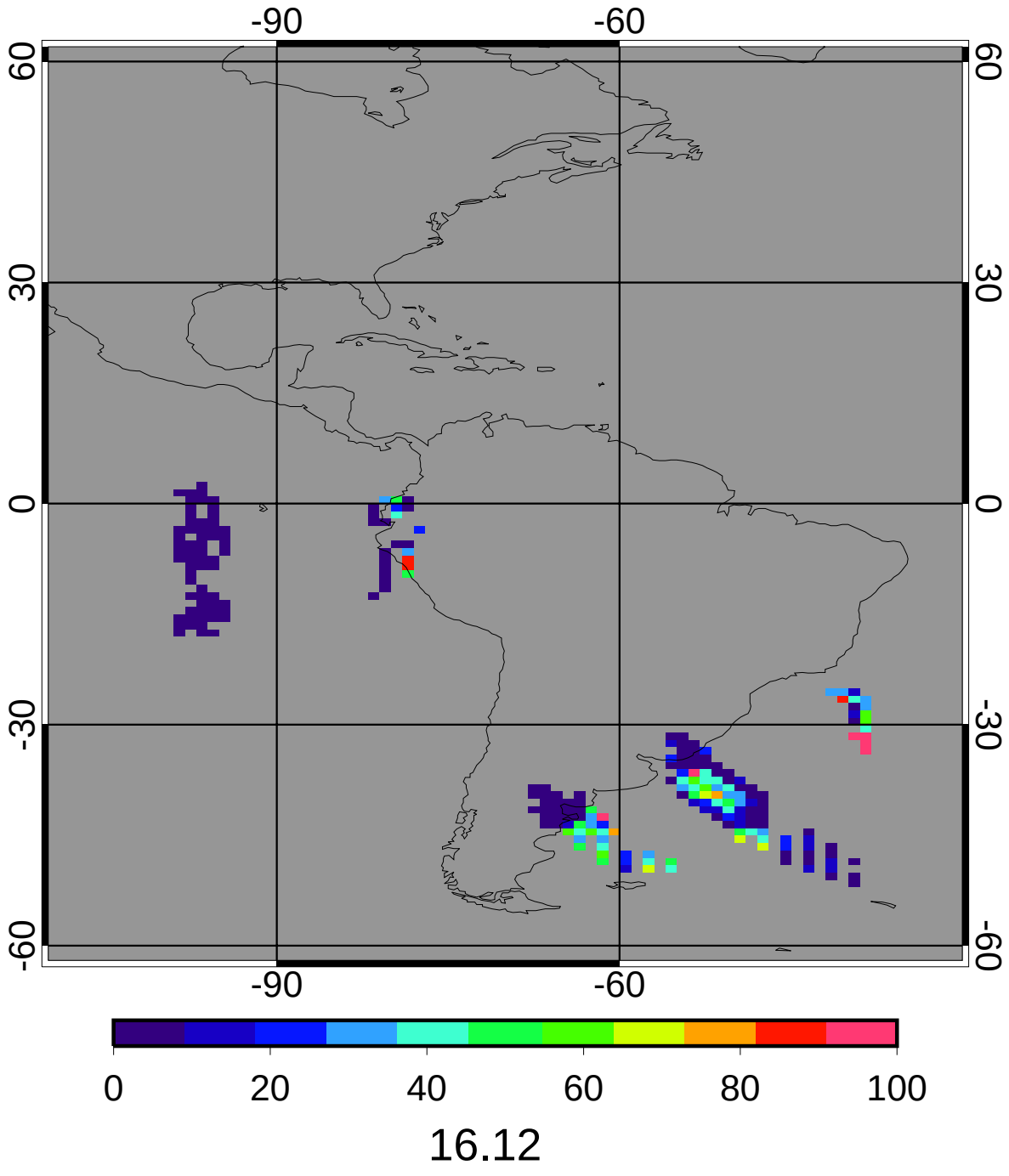
5ch_V01 Jan 2010 (matched angle)



regave rms	11.02	32.81%
domain rms	15.03	44.72%

GGEO MEAN Daytime Ice Cld Amt (%)

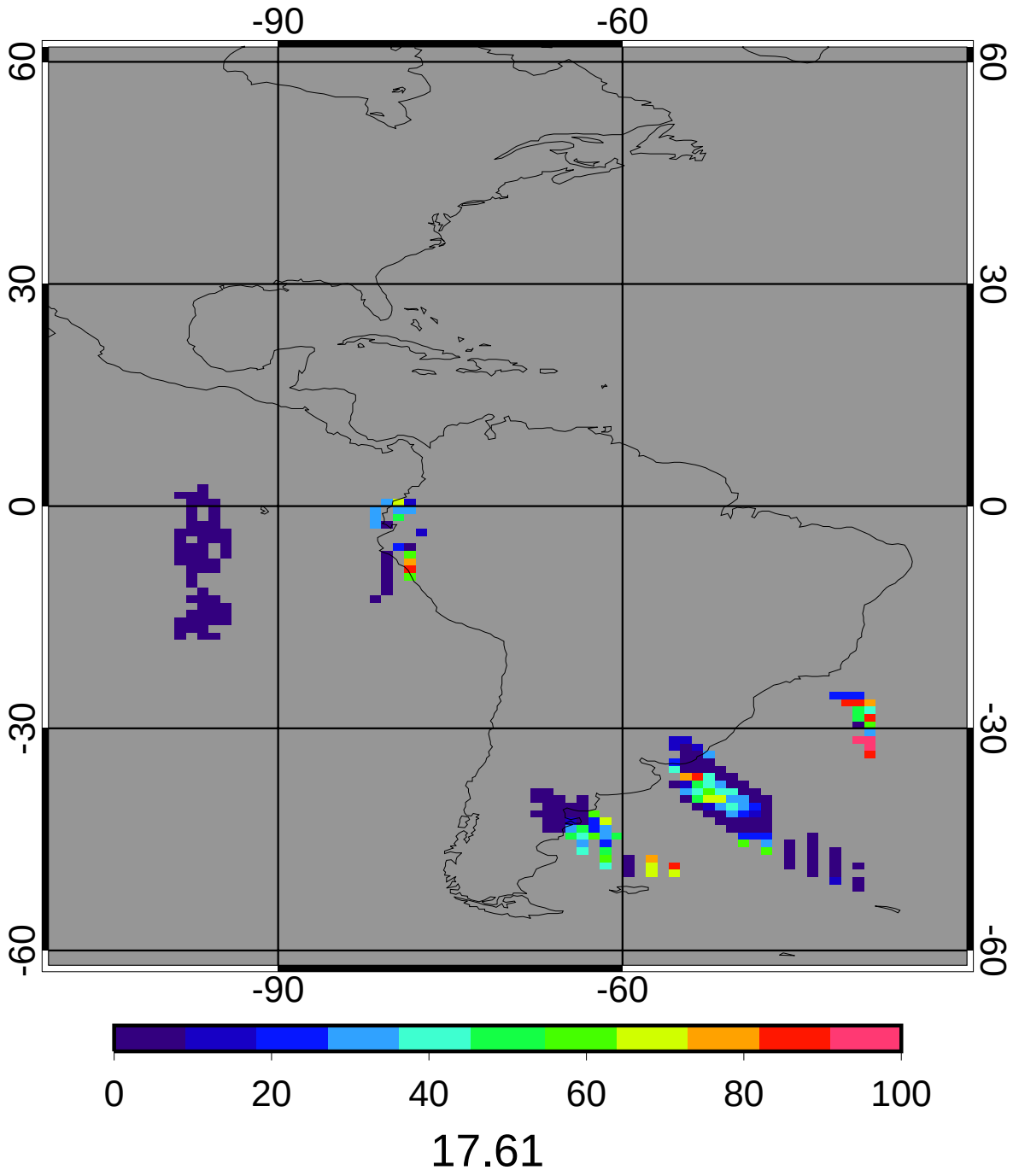
5ch_V01 Jan 2010 (matched angle)



16.12

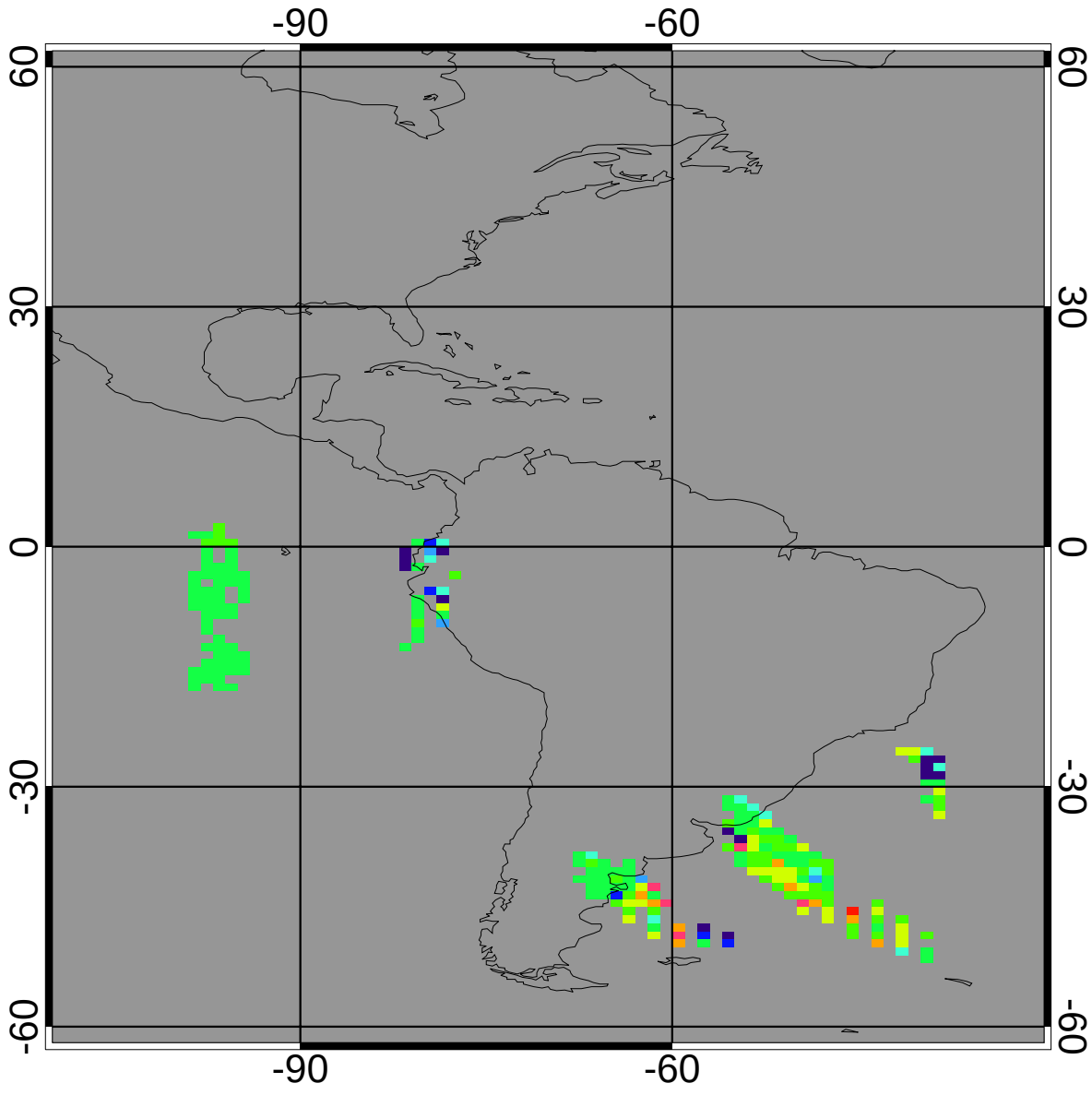
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

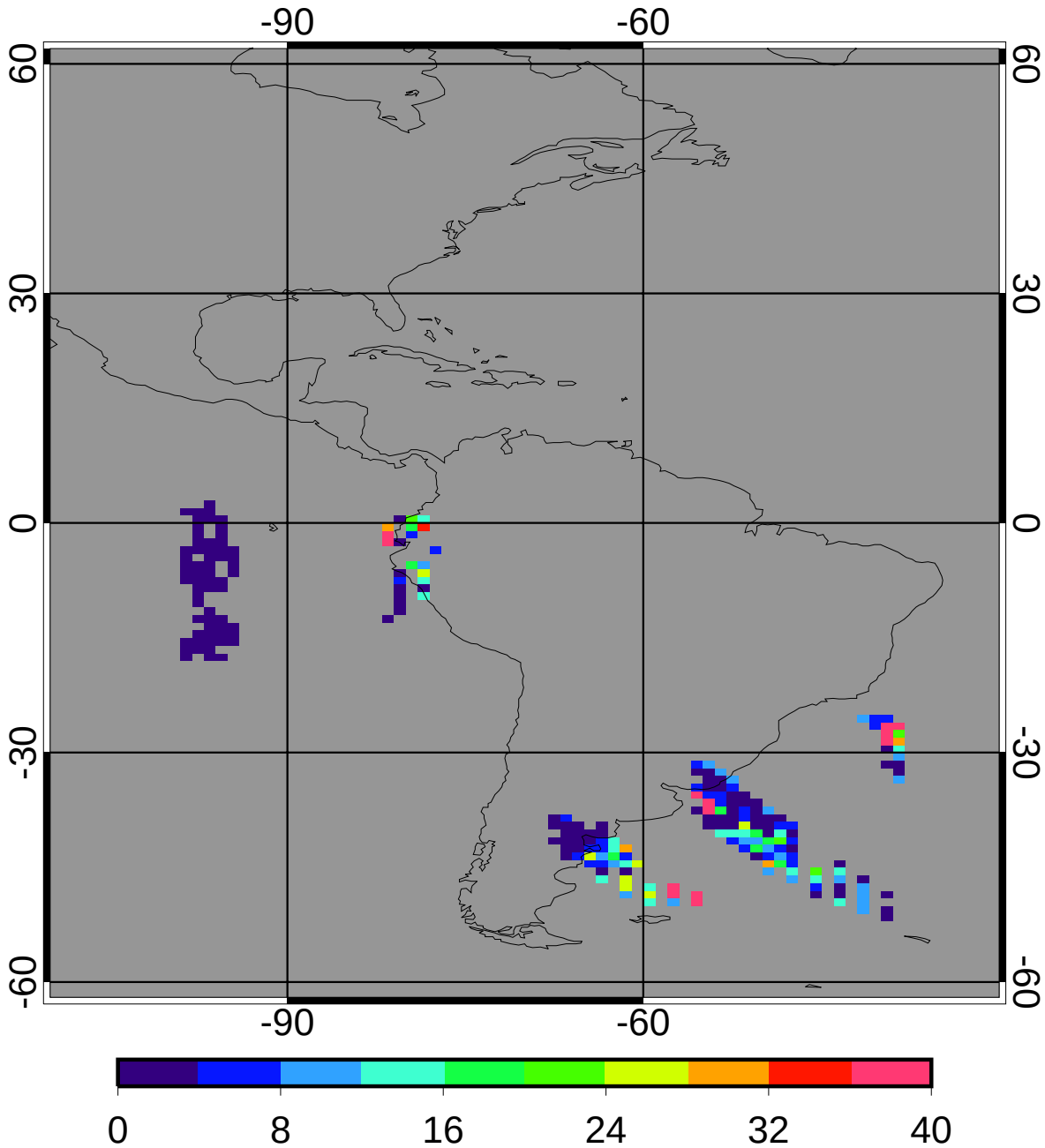
5ch_V01 Jan 2010 (matched angle)



bias	-1.49	-8.48%
domain sigma	9.71	55.11%

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

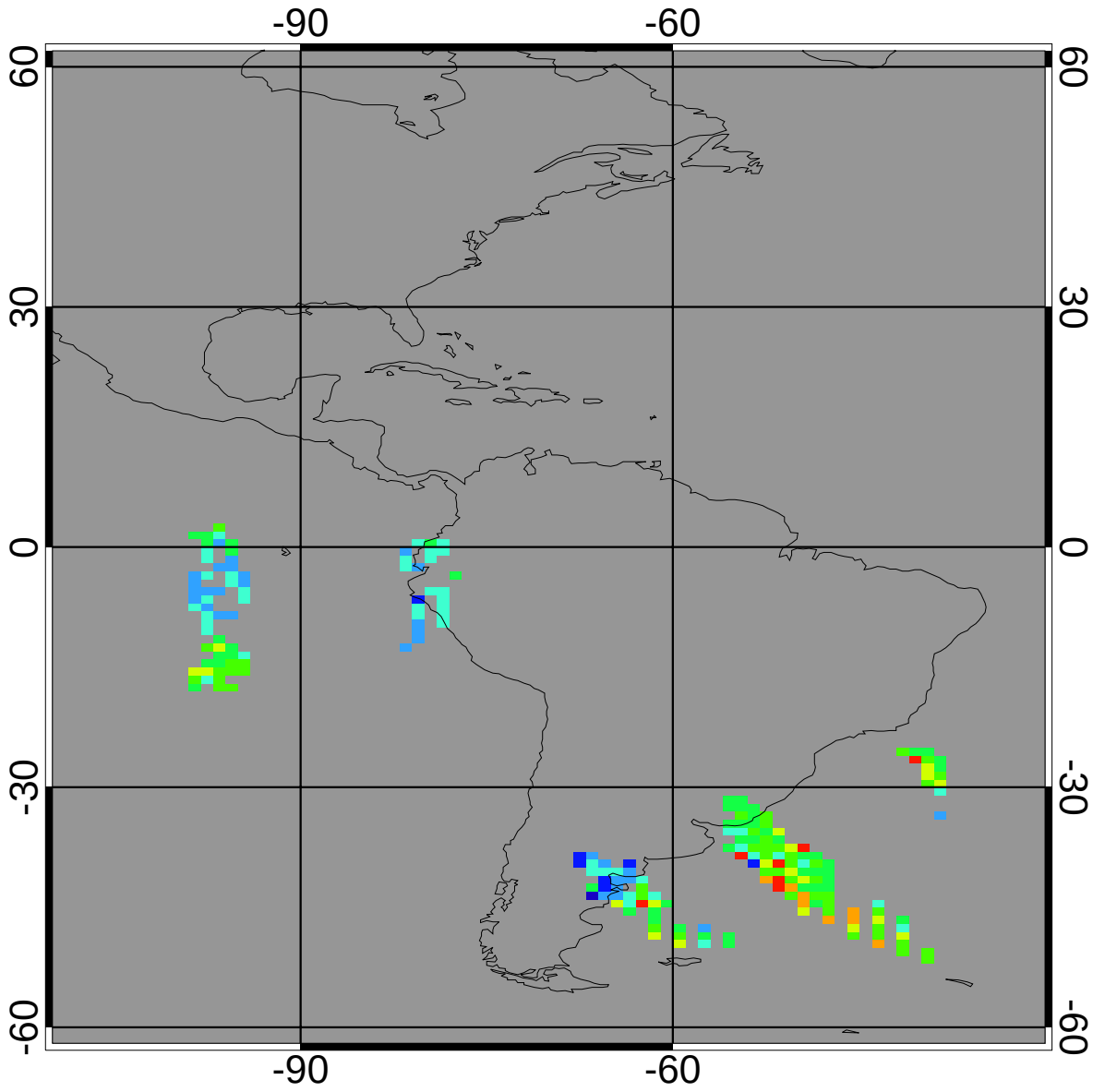
5ch_V01 Jan 2010 (matched angle)



regave rms	7.49	42.50%
domain rms	12.39	70.35%

GGEO MEAN Daytime Liquid Particle Size (microns)

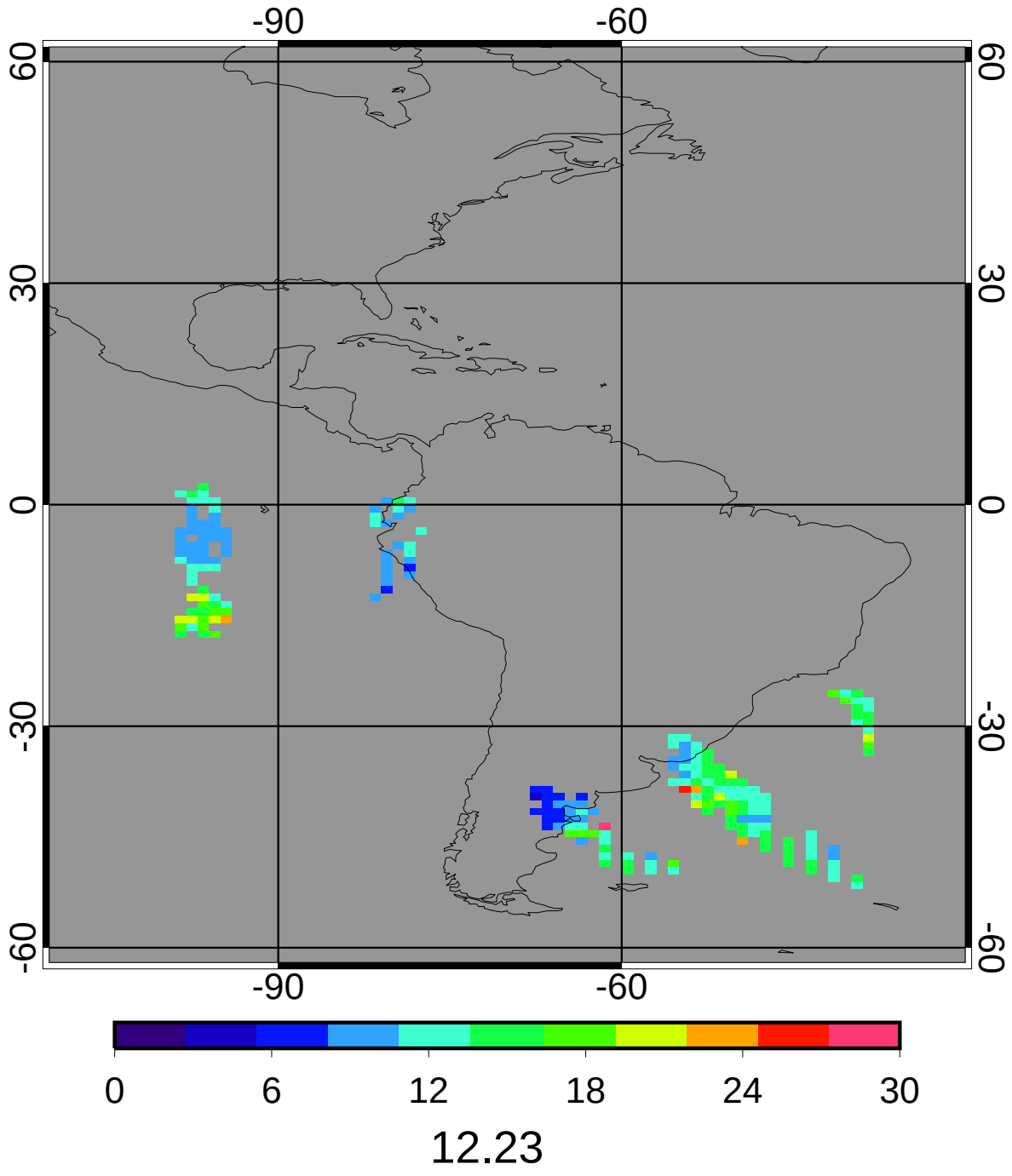
5ch_V01 Jan 2010 (matched angle)



13.64

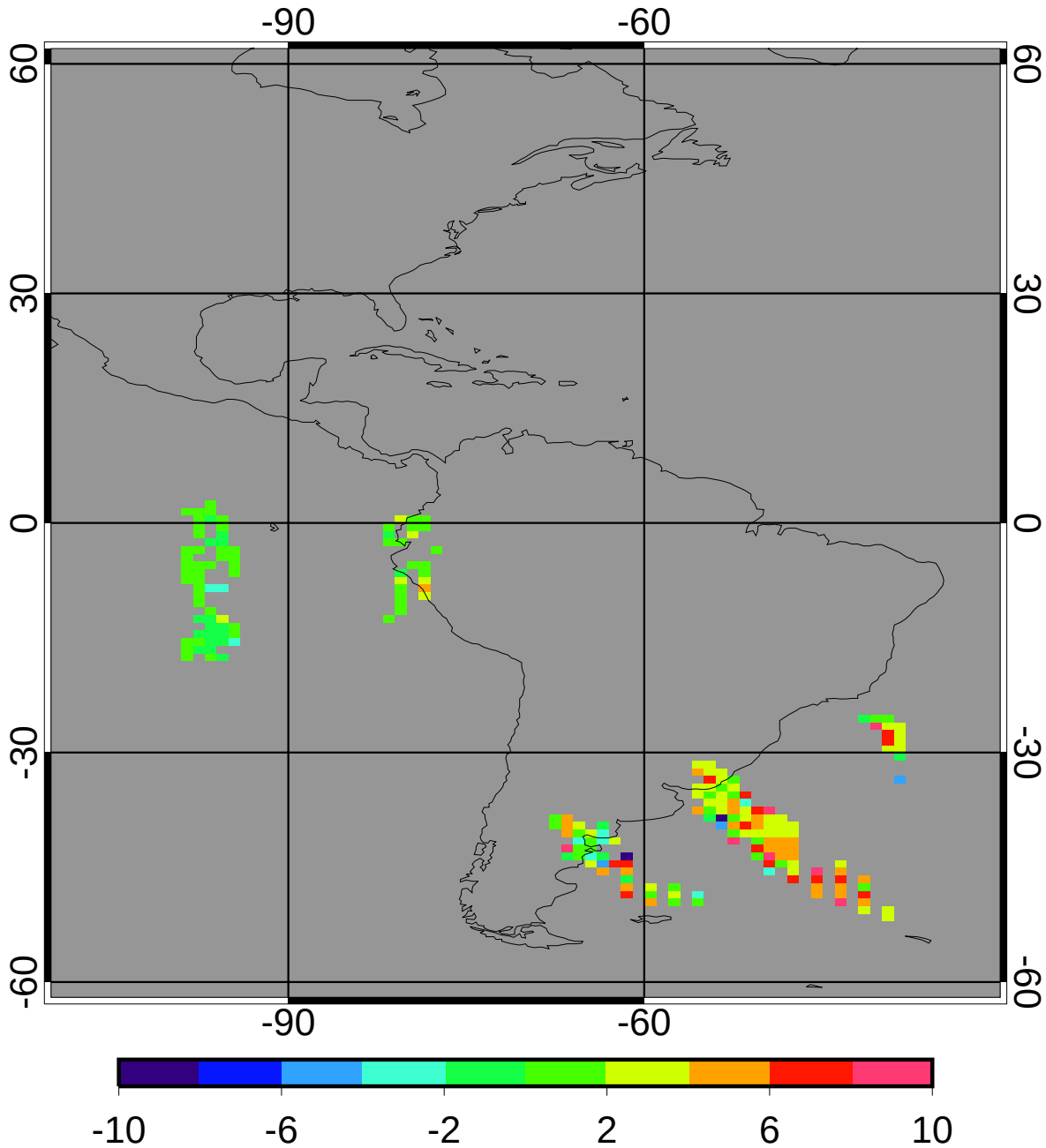
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



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

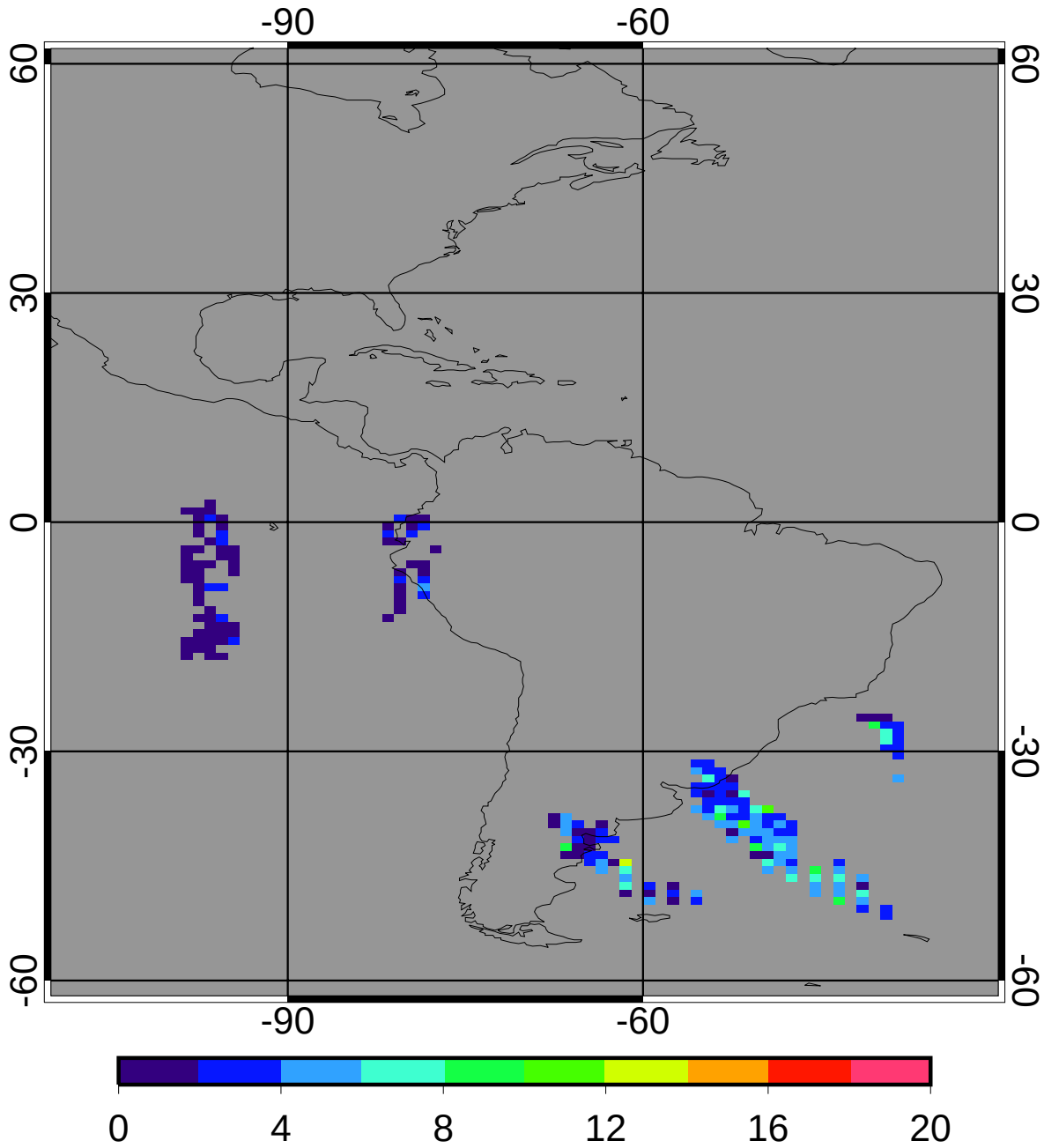
5ch_V01 Jan 2010 (matched angle)



bias	1.75	14.33%
domain sigma	2.48	20.29%

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

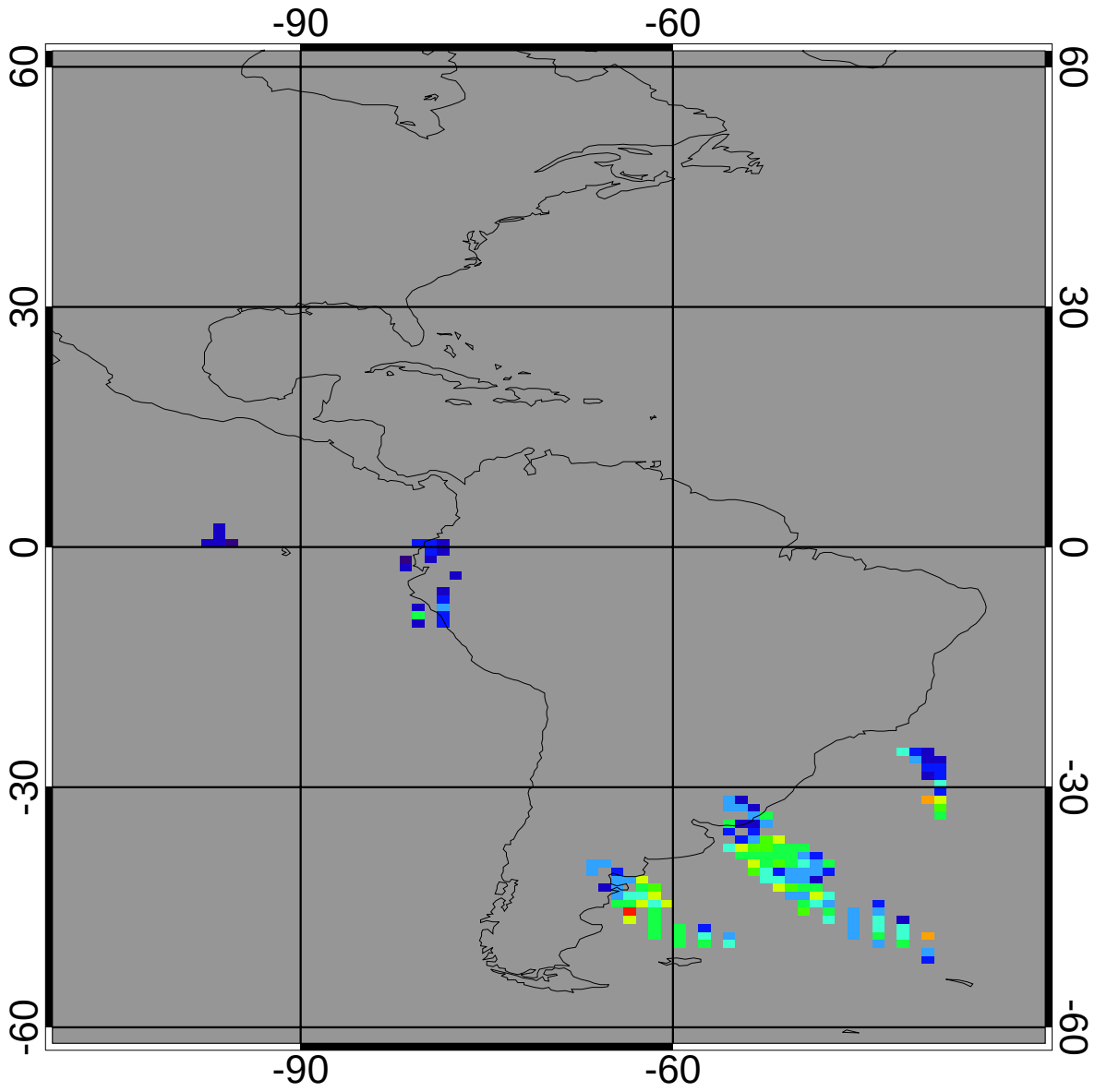
5ch_V01 Jan 2010 (matched angle)



regave rms	2.61	21.37%
domain rms	3.45	28.24%

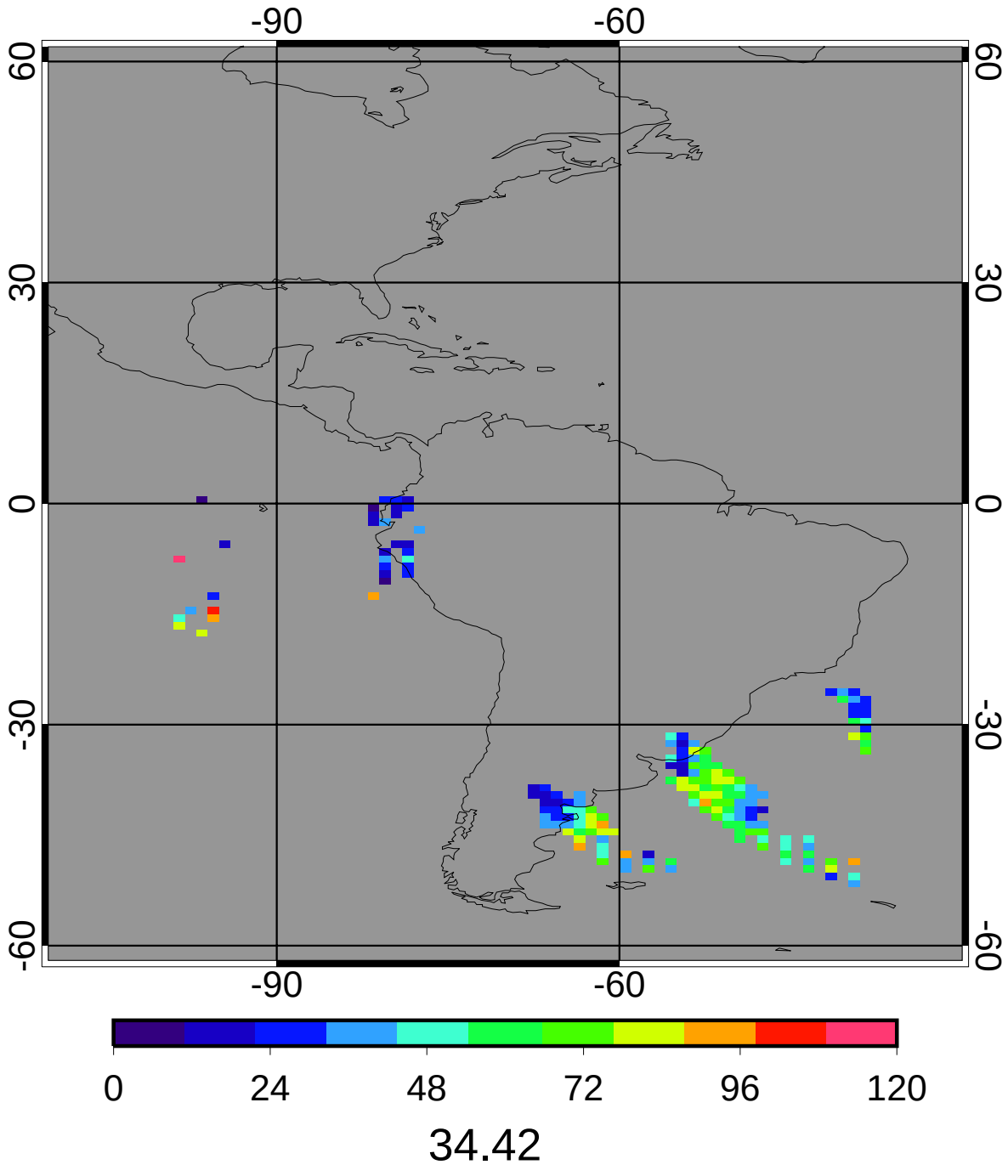
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



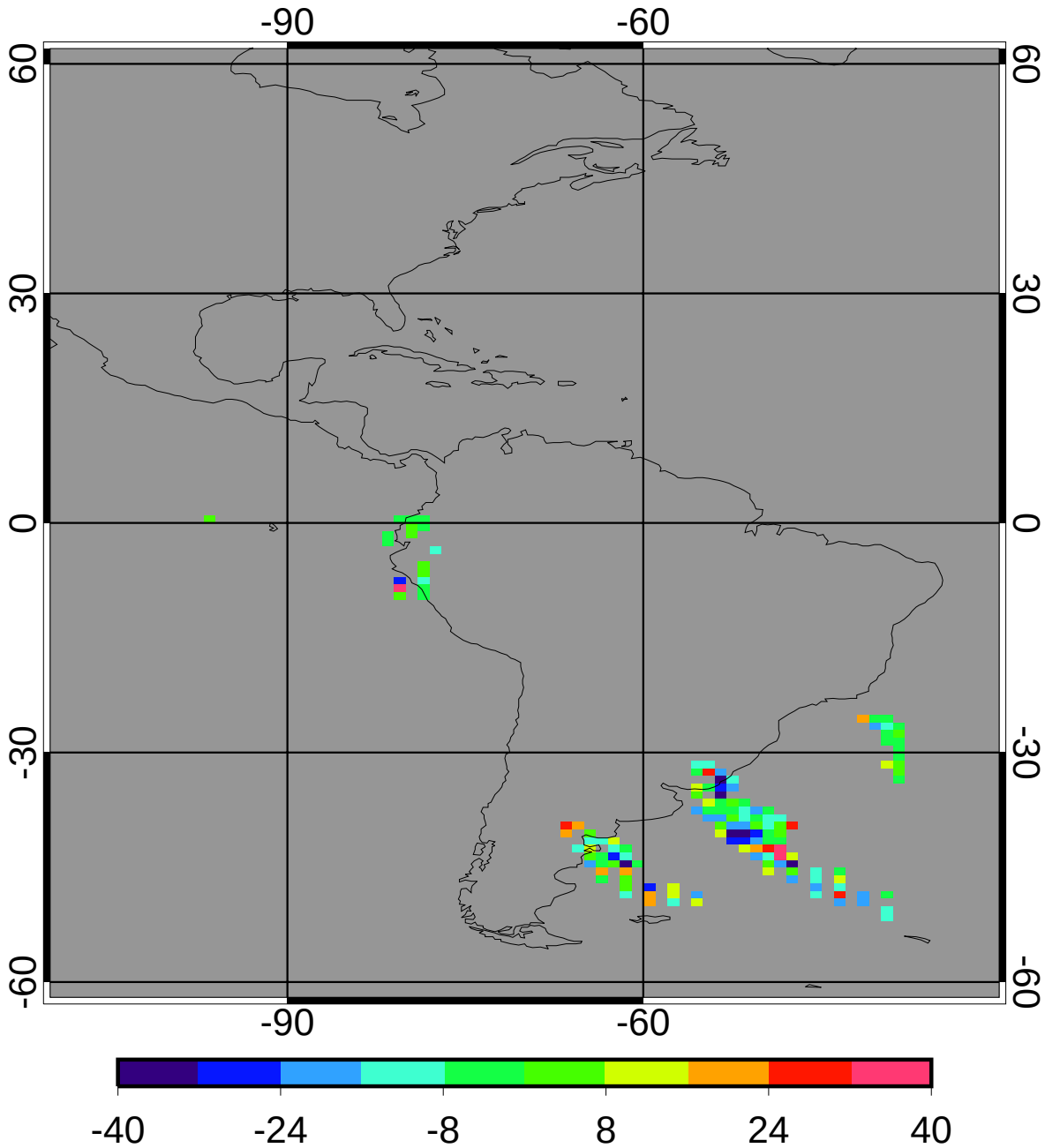
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



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

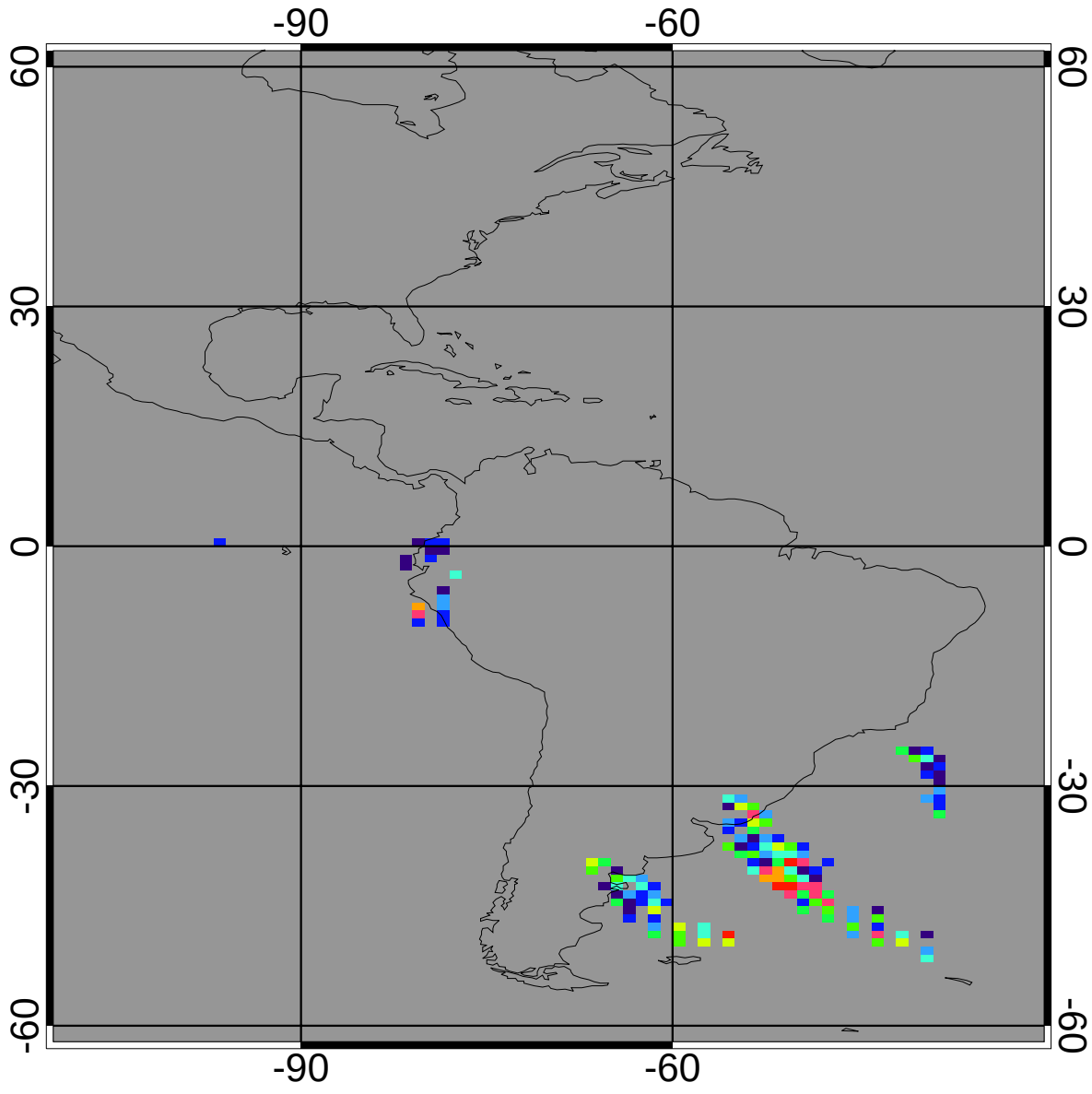
5ch_V01 Jan 2010 (matched angle)



bias	-2.10	-6.11%
domain sigma	12.58	36.55%

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

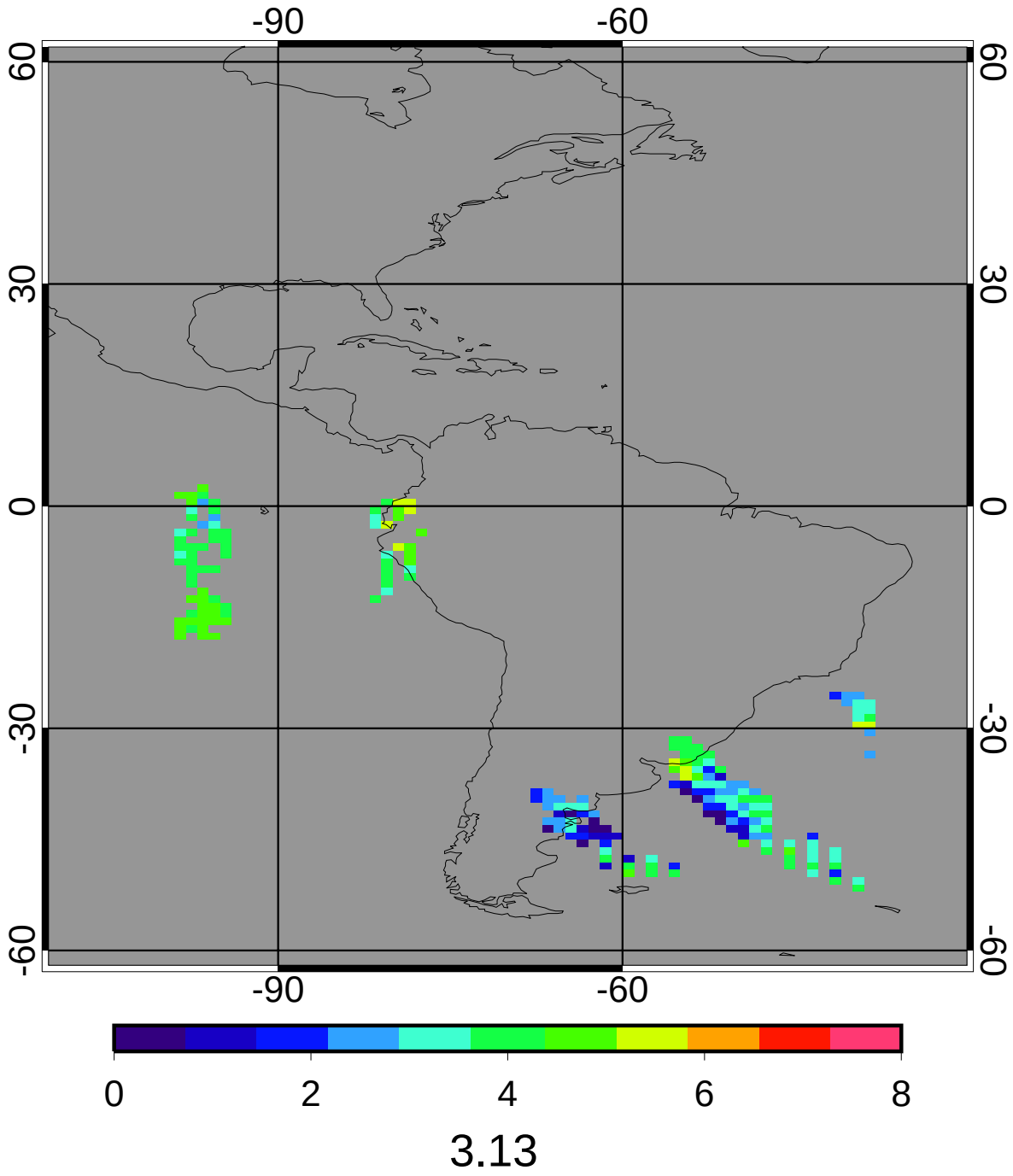
5ch_V01 Jan 2010 (matched angle)



regave rms	8.11	23.57%
domain rms	17.25	50.10%

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

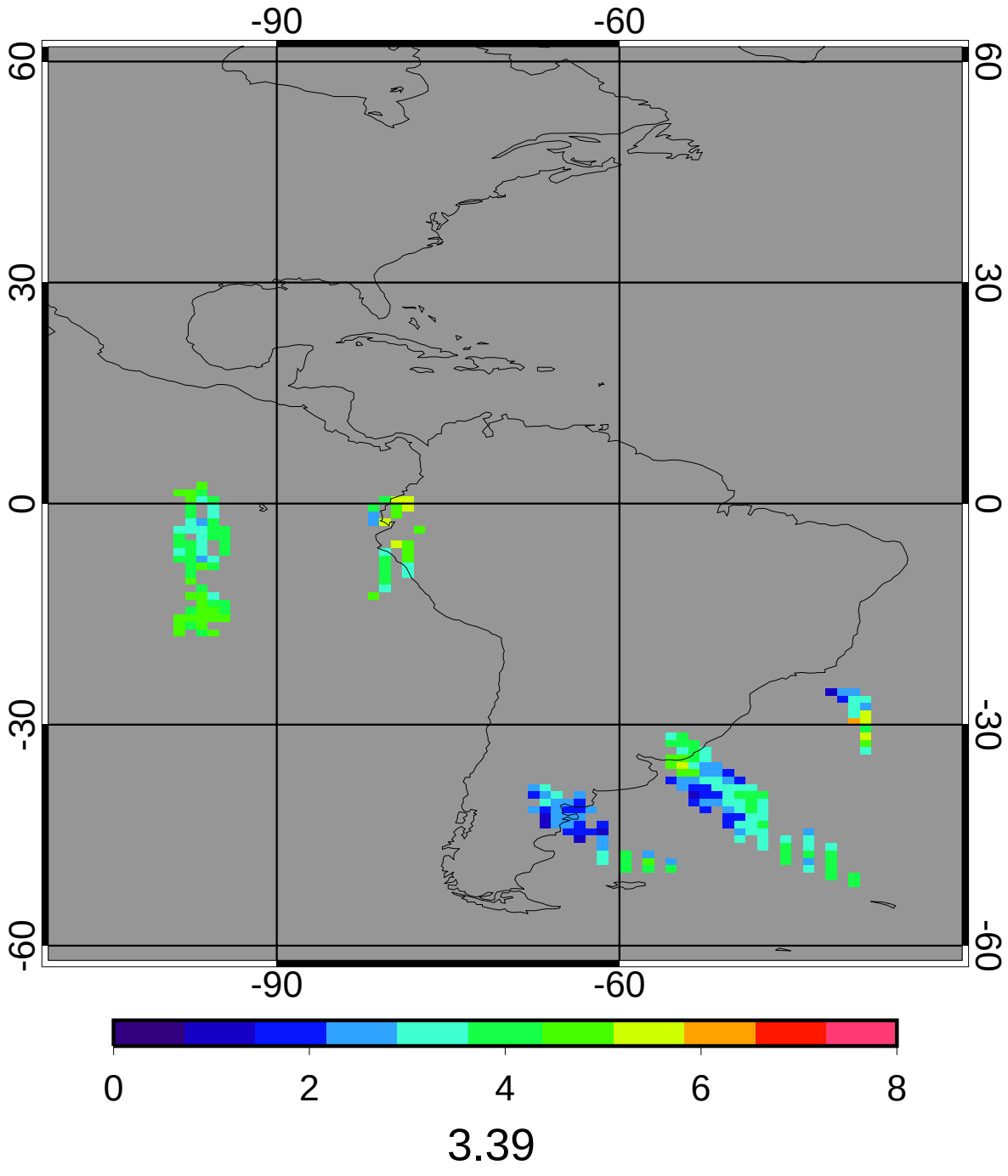
5ch_V01 Jan 2010 (matched angle)



3.13

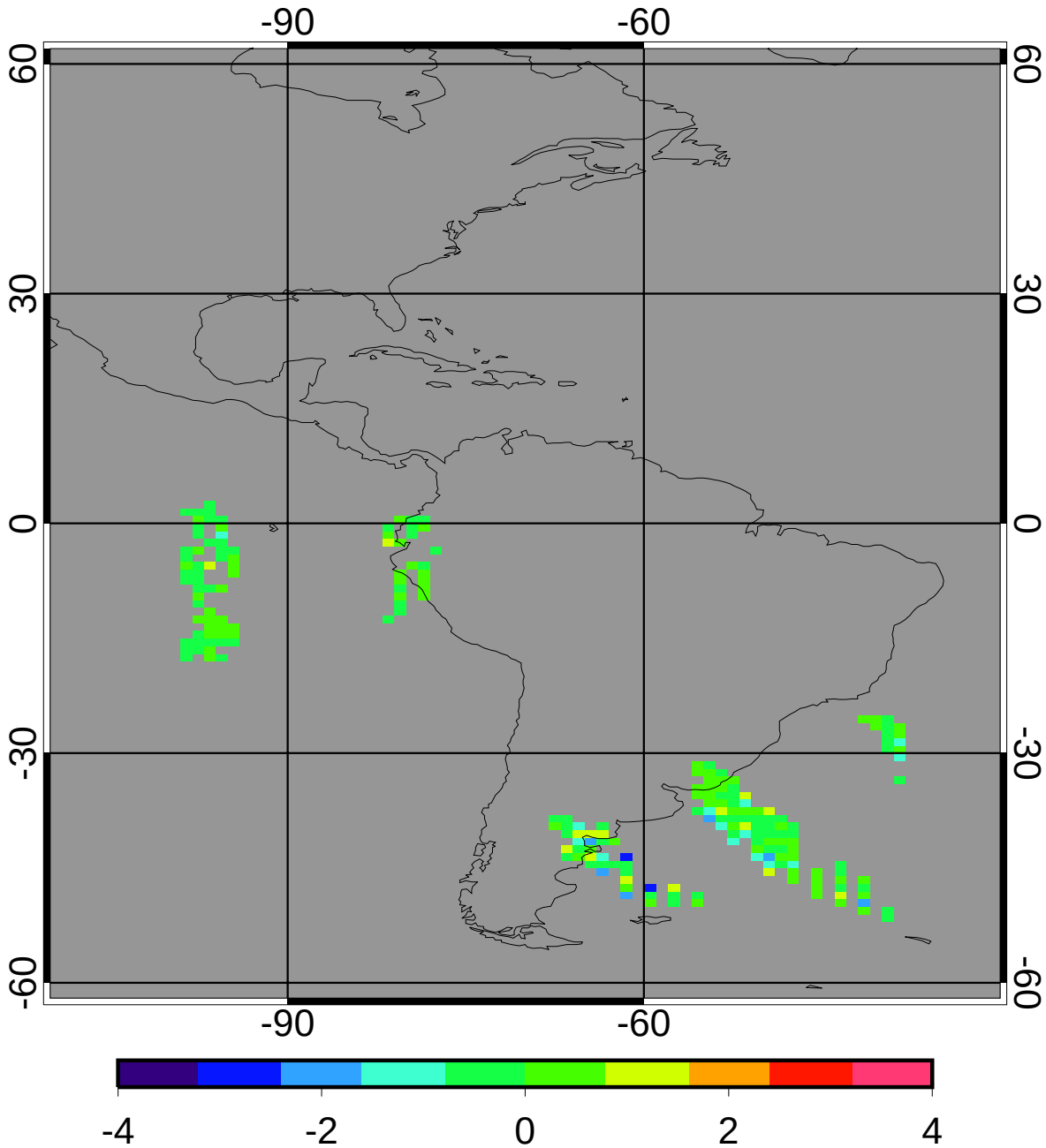
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

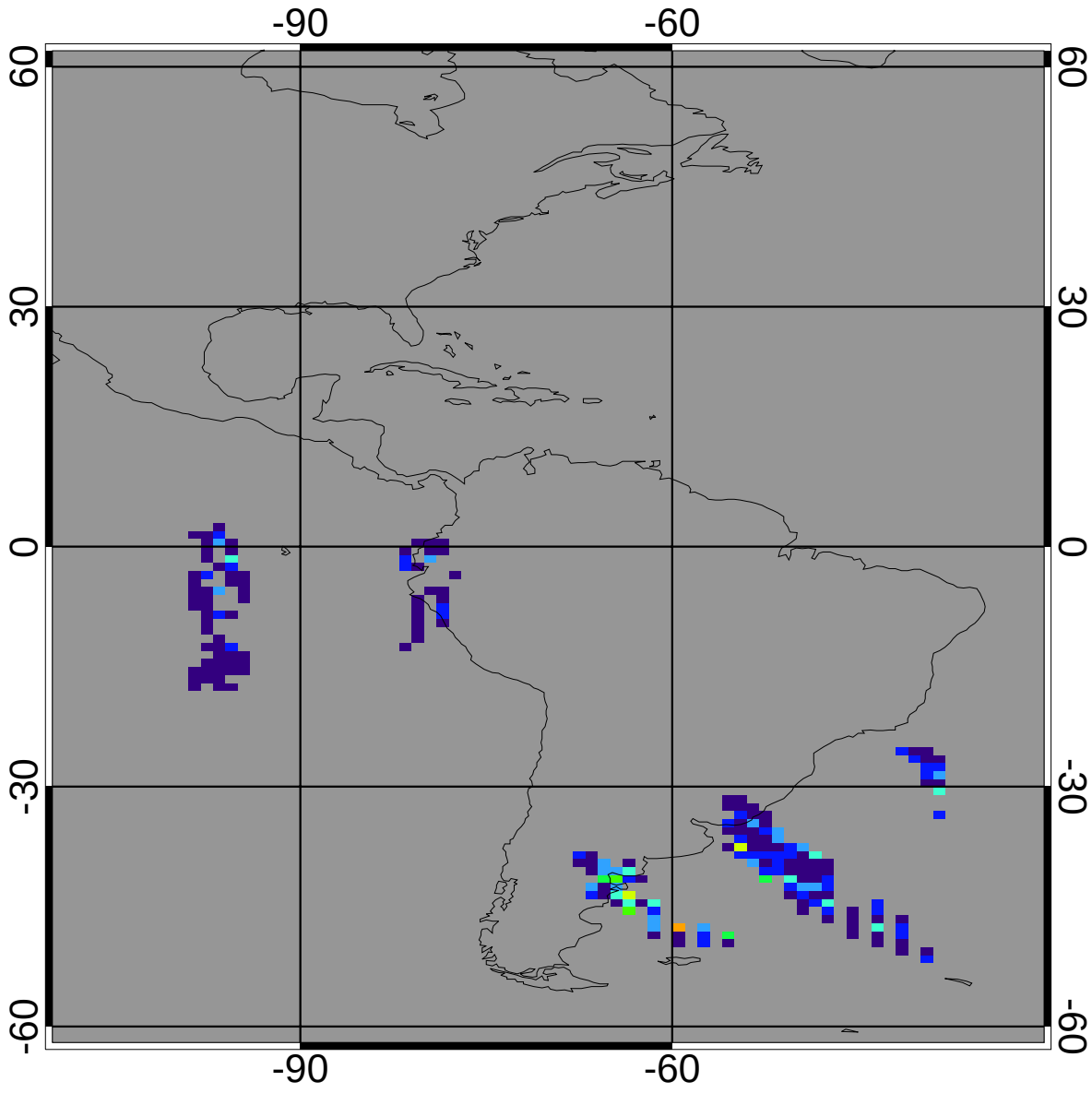
5ch_V01 Jan 2010 (matched angle)



bias	-0.08	-2.49%
domain sigma	0.48	14.23%

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

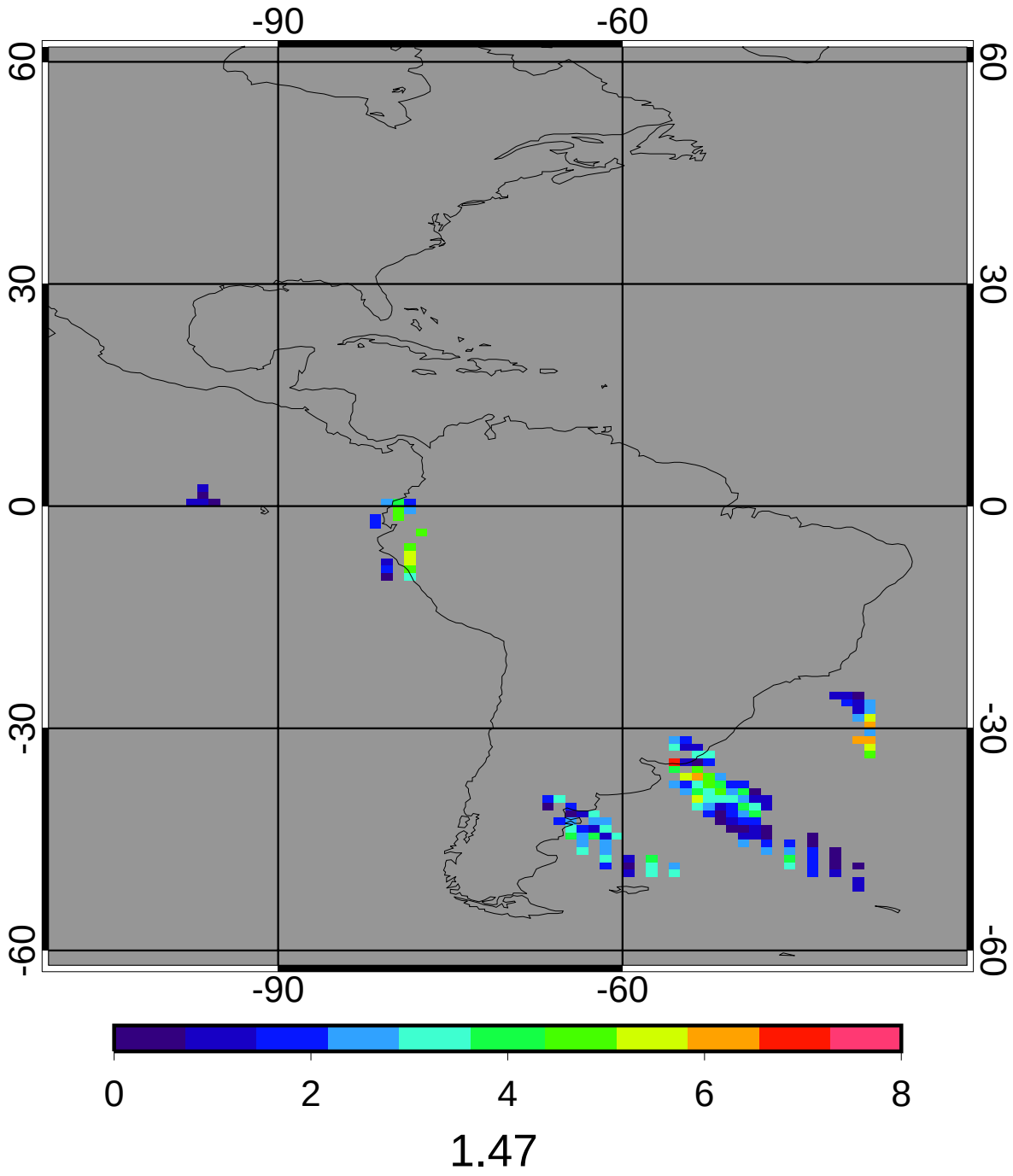
5ch_V01 Jan 2010 (matched angle)



regave rms	0.37	10.97%
domain rms	0.62	18.19%

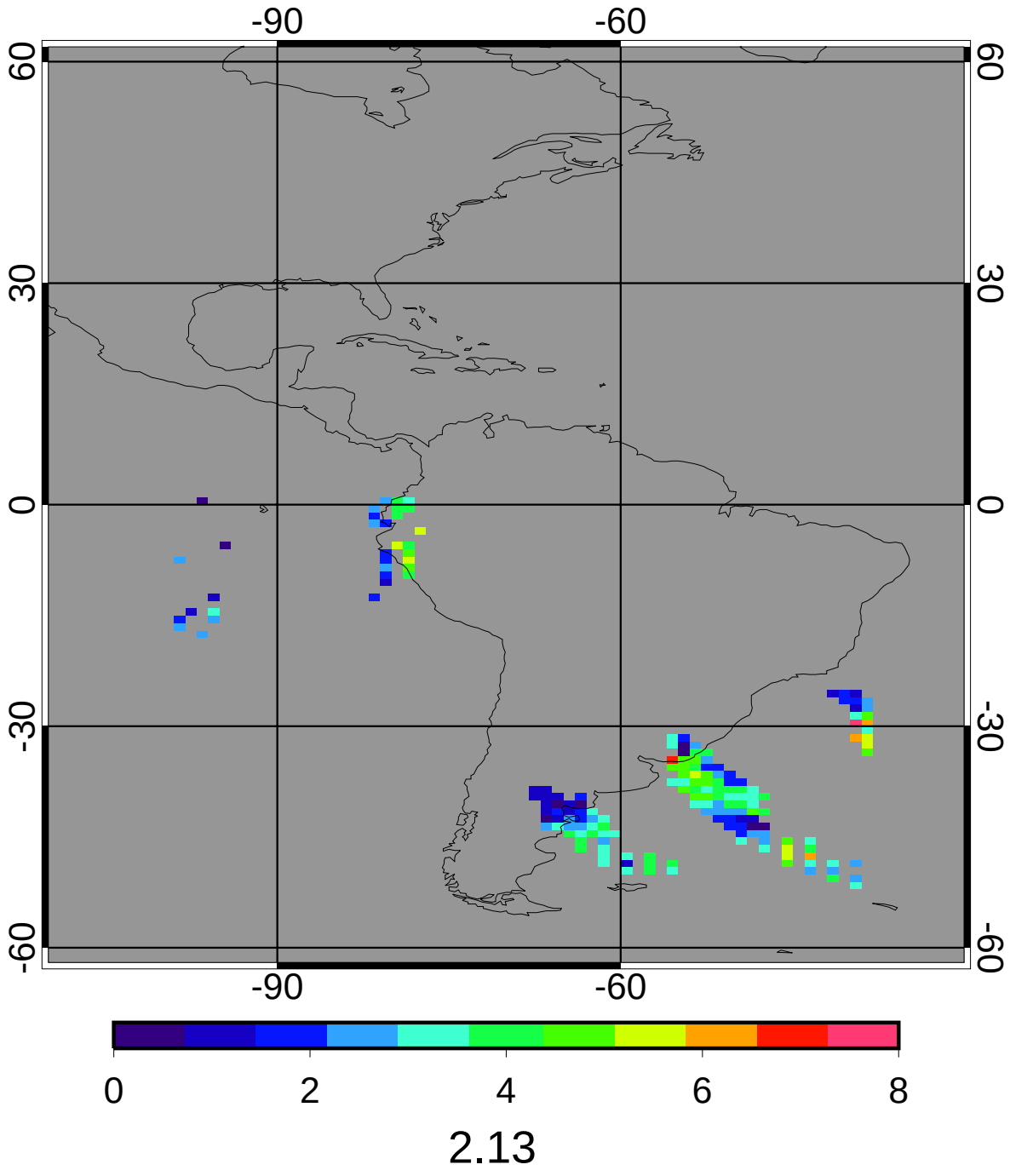
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



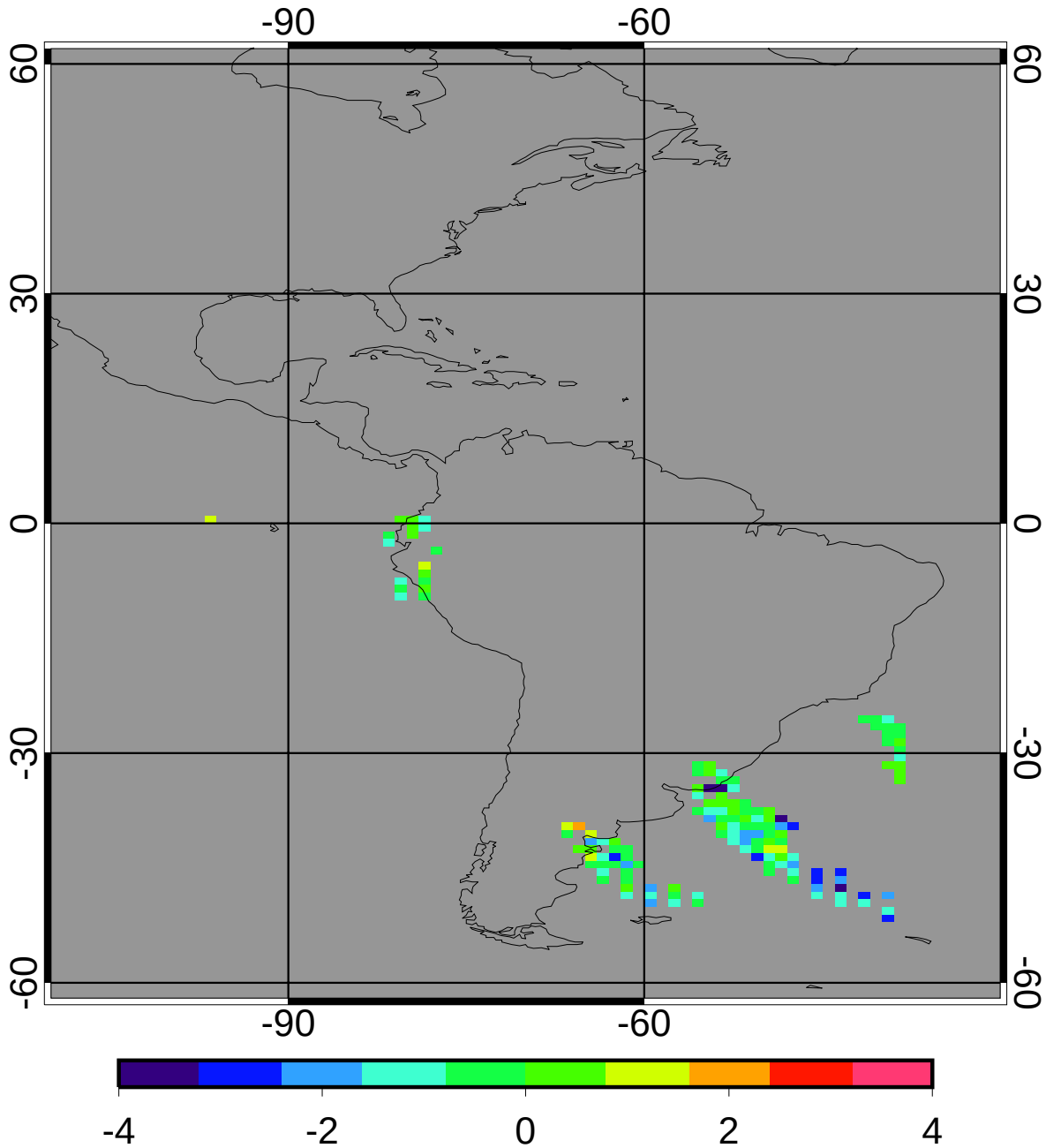
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

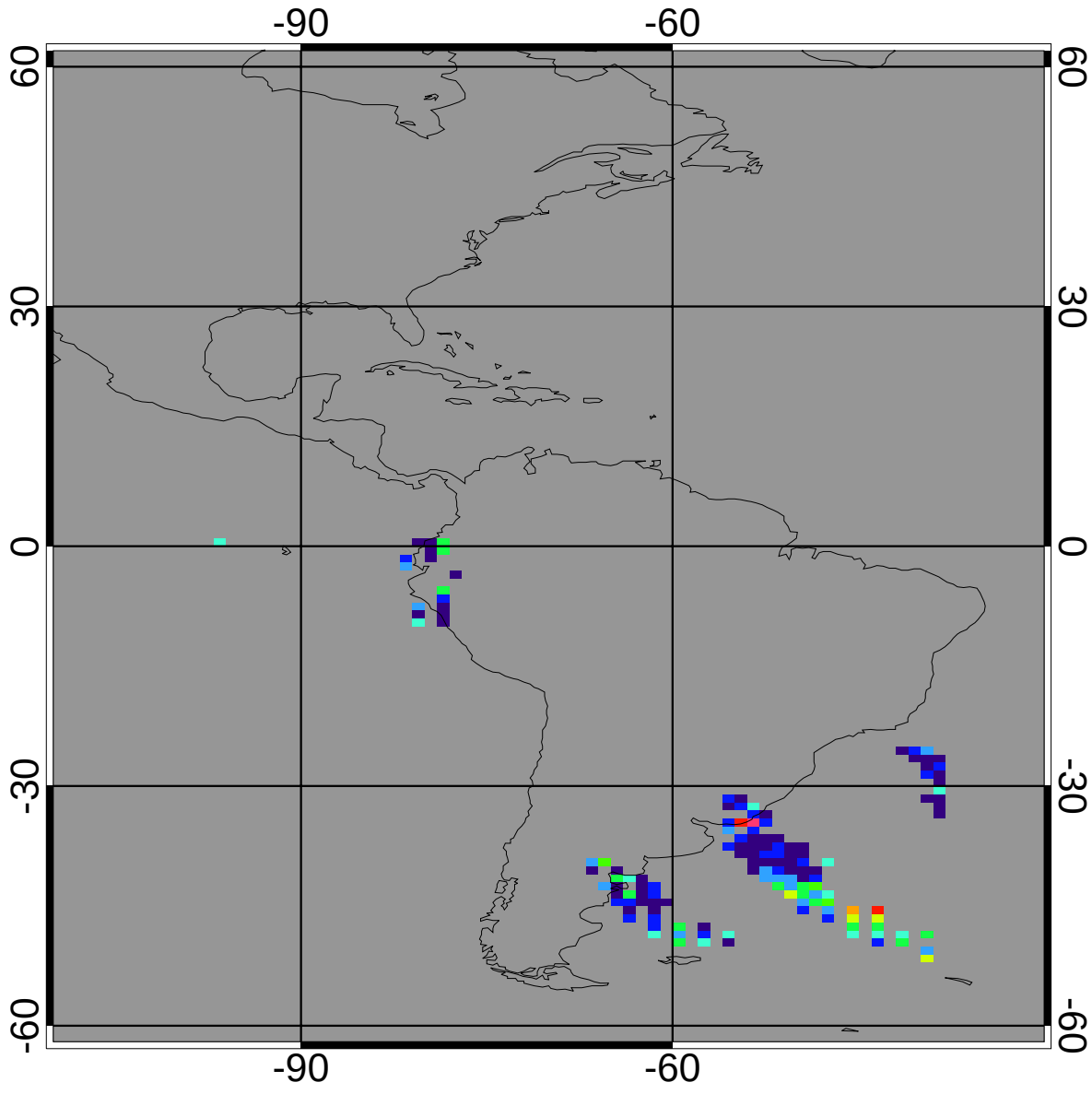
5ch_V01 Jan 2010 (matched angle)



bias	-0.36	-17.01%
domain sigma	0.81	37.97%

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

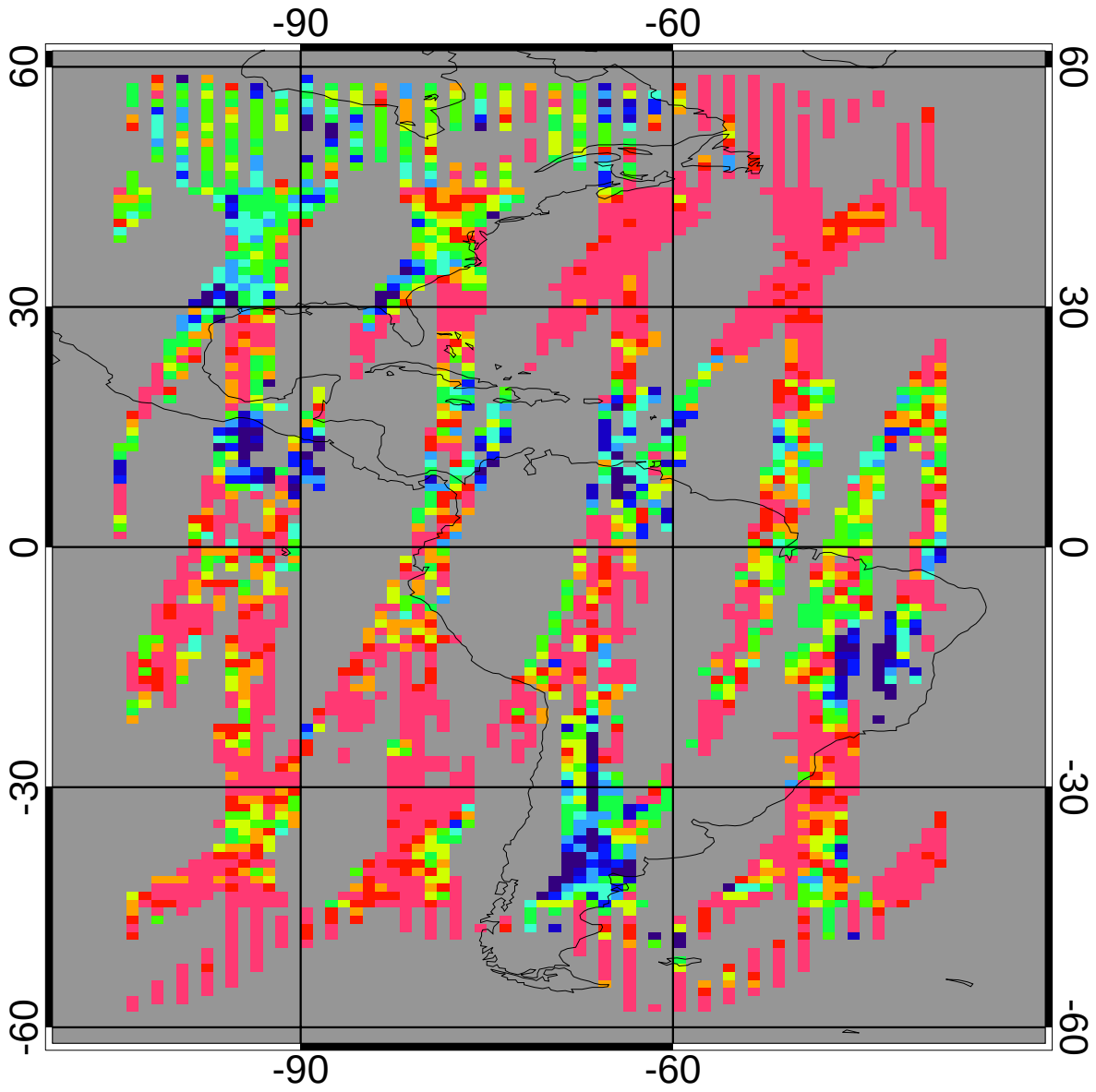
5ch_V01 Jan 2010 (matched angle)



regave rms	0.45	20.86%
domain rms	1.00	46.71%

GGEO MEAN Nighttime Cloud Amount (%)

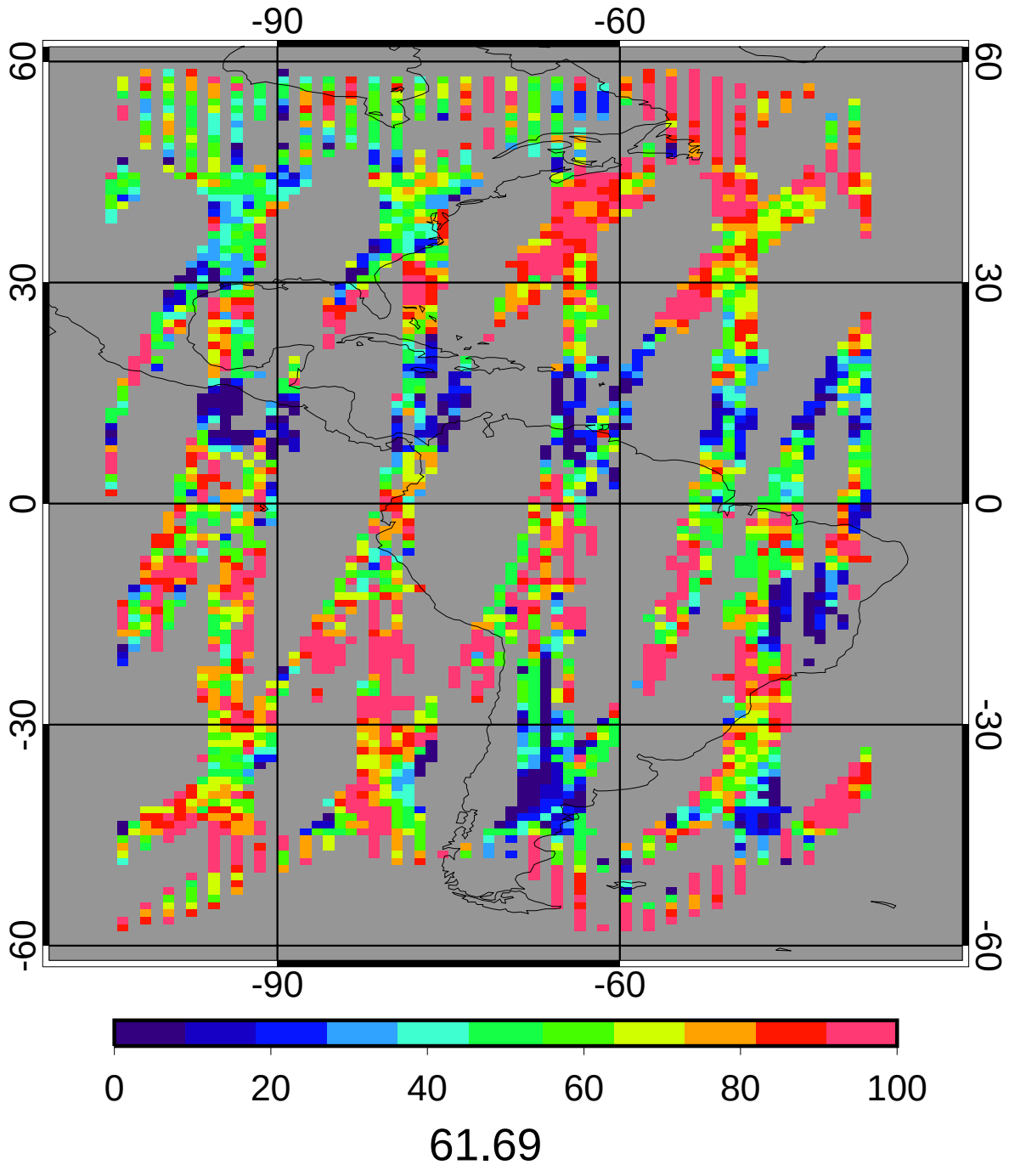
5ch_V01 Jan 2010 (matched angle)



74.15

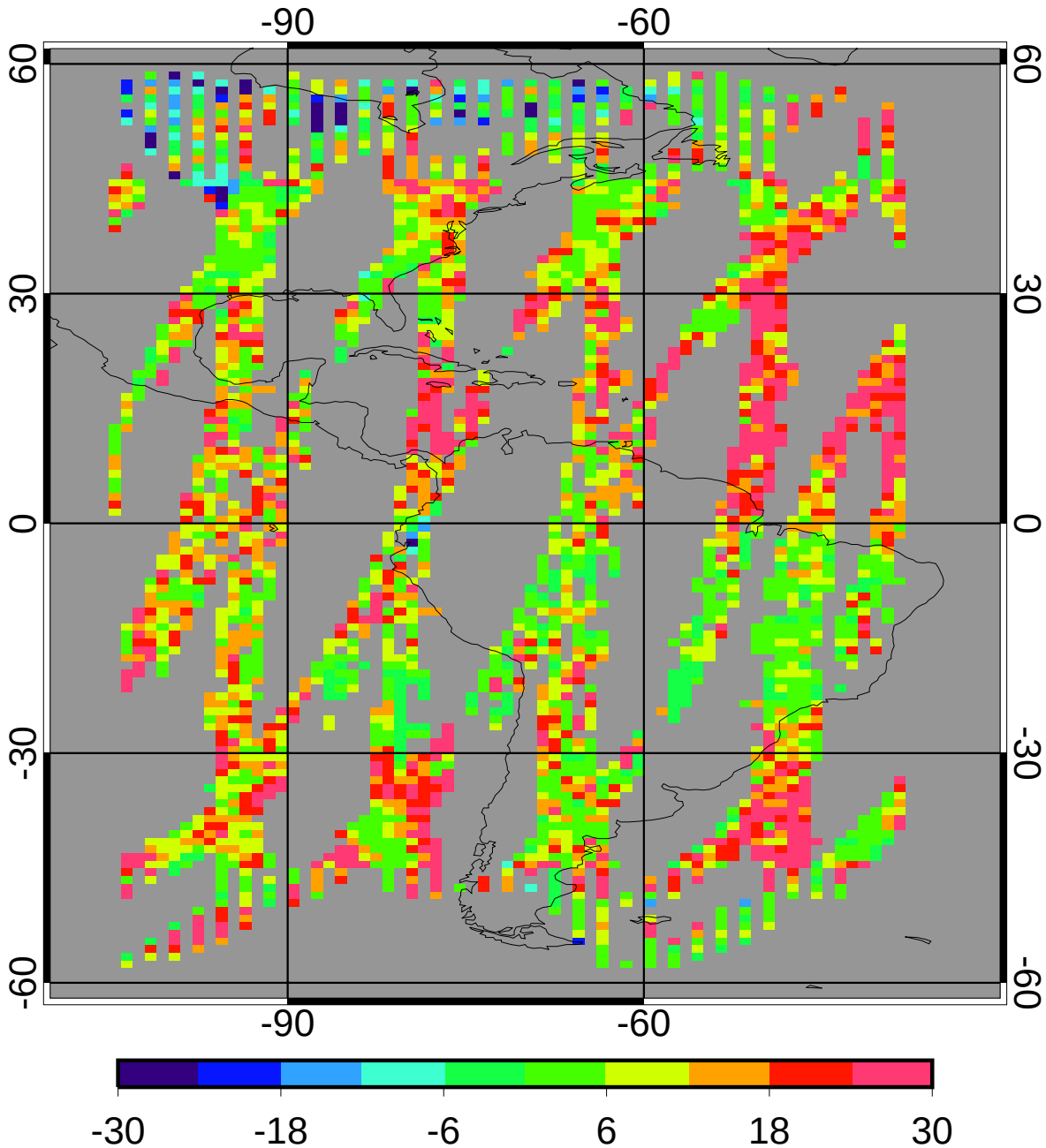
CERES/Aqua MEAN Nighttime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



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

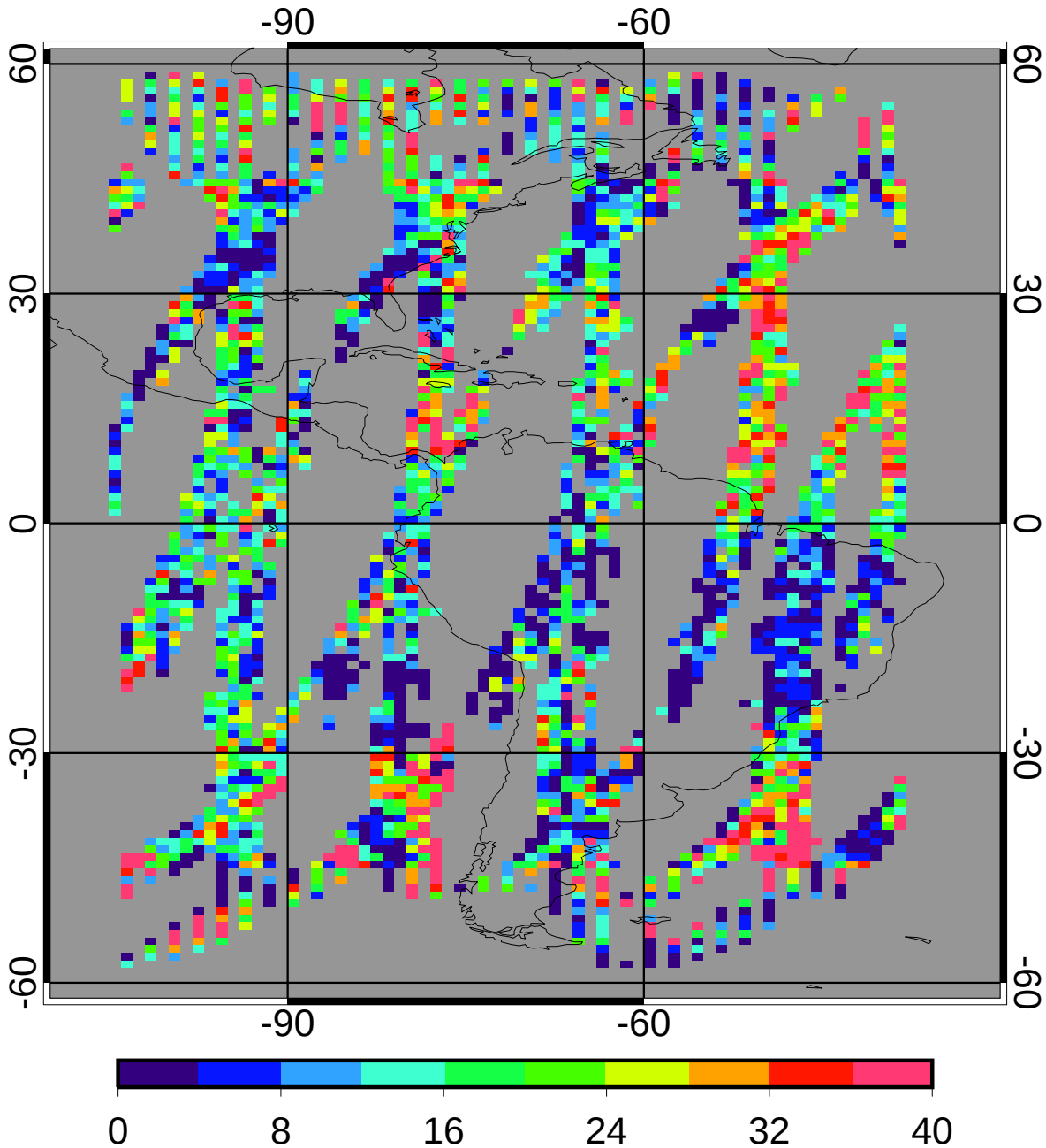
5ch_V01 Jan 2010 (matched angle)



bias	12.46	20.20%
domain sigma	11.60	18.81%

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

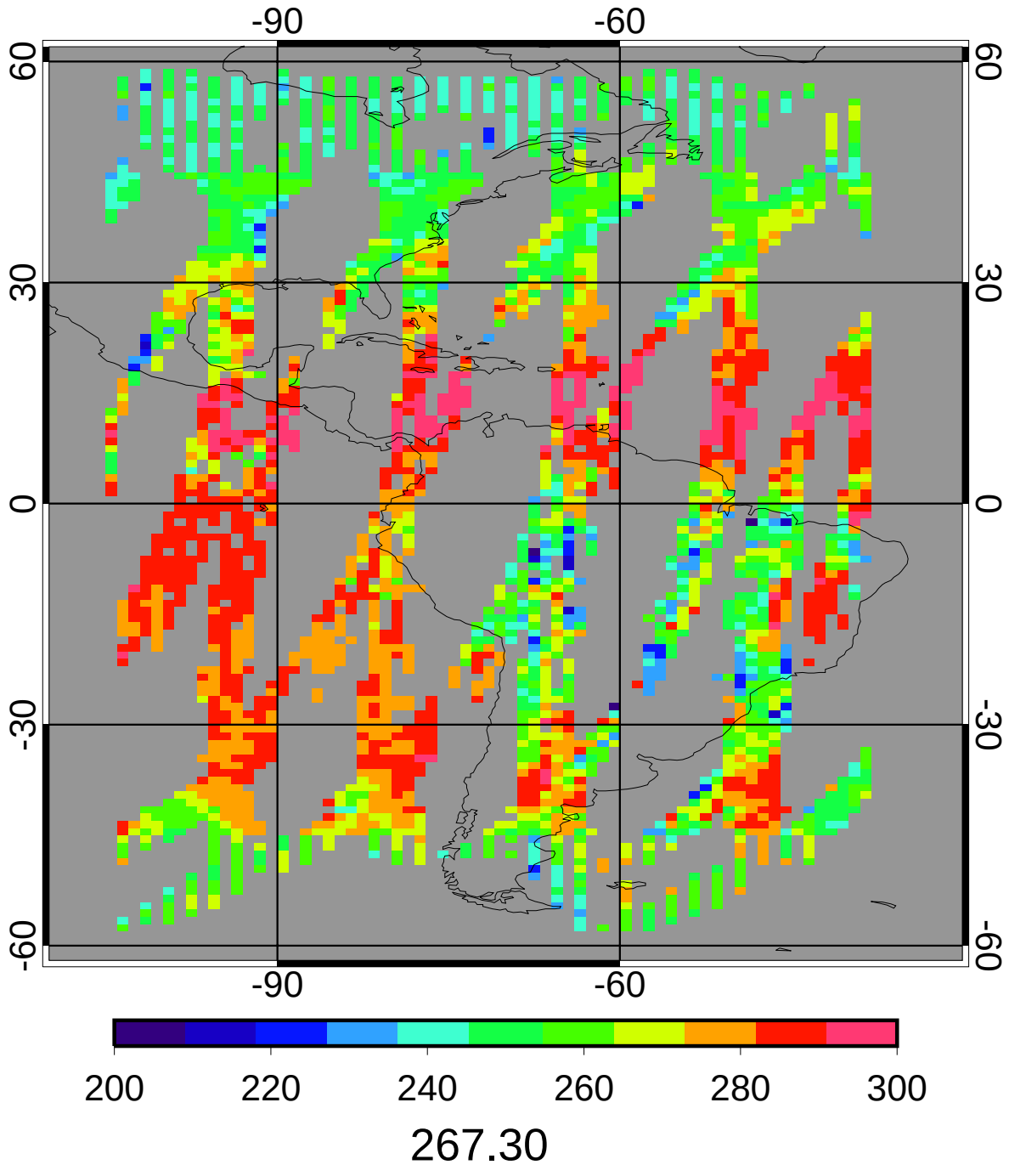
5ch_V01 Jan 2010 (matched angle)



regave rms	16.25	26.35%
domain rms	19.18	31.10%

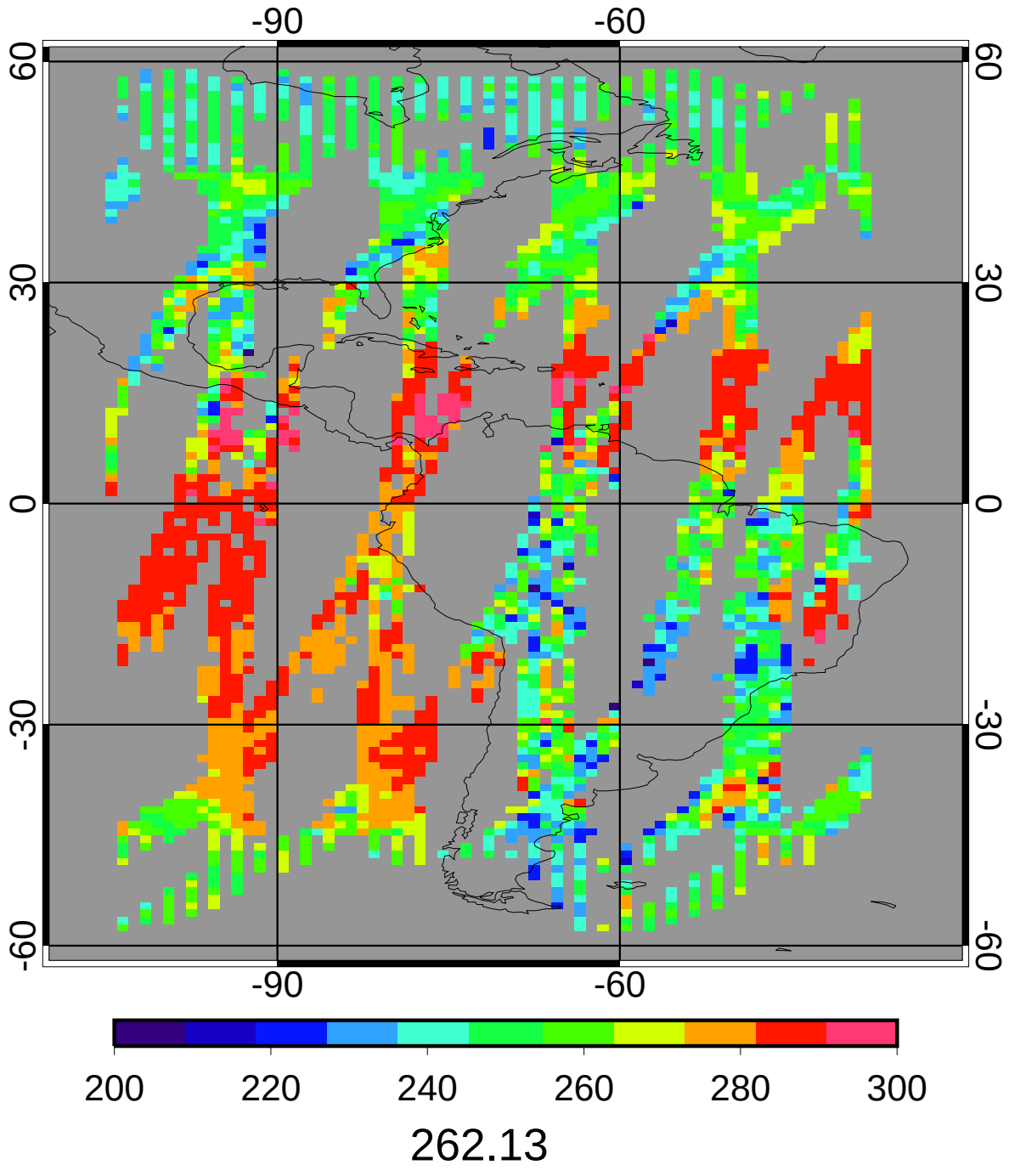
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



CERES/Aqua MEAN Nighttime Cloud Temperature (K)

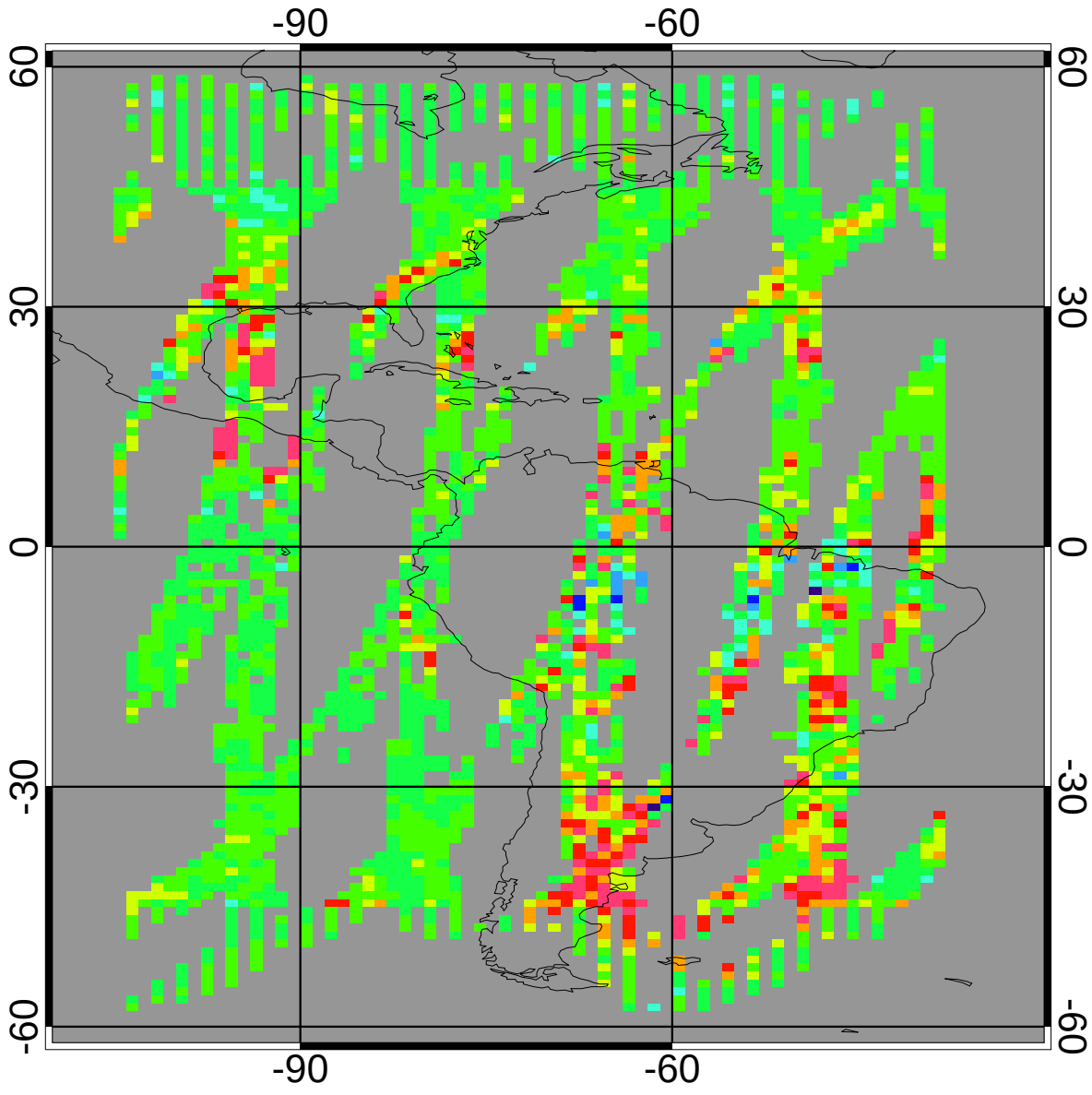
5ch_V01 Jan 2010 (matched angle)



262.13

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

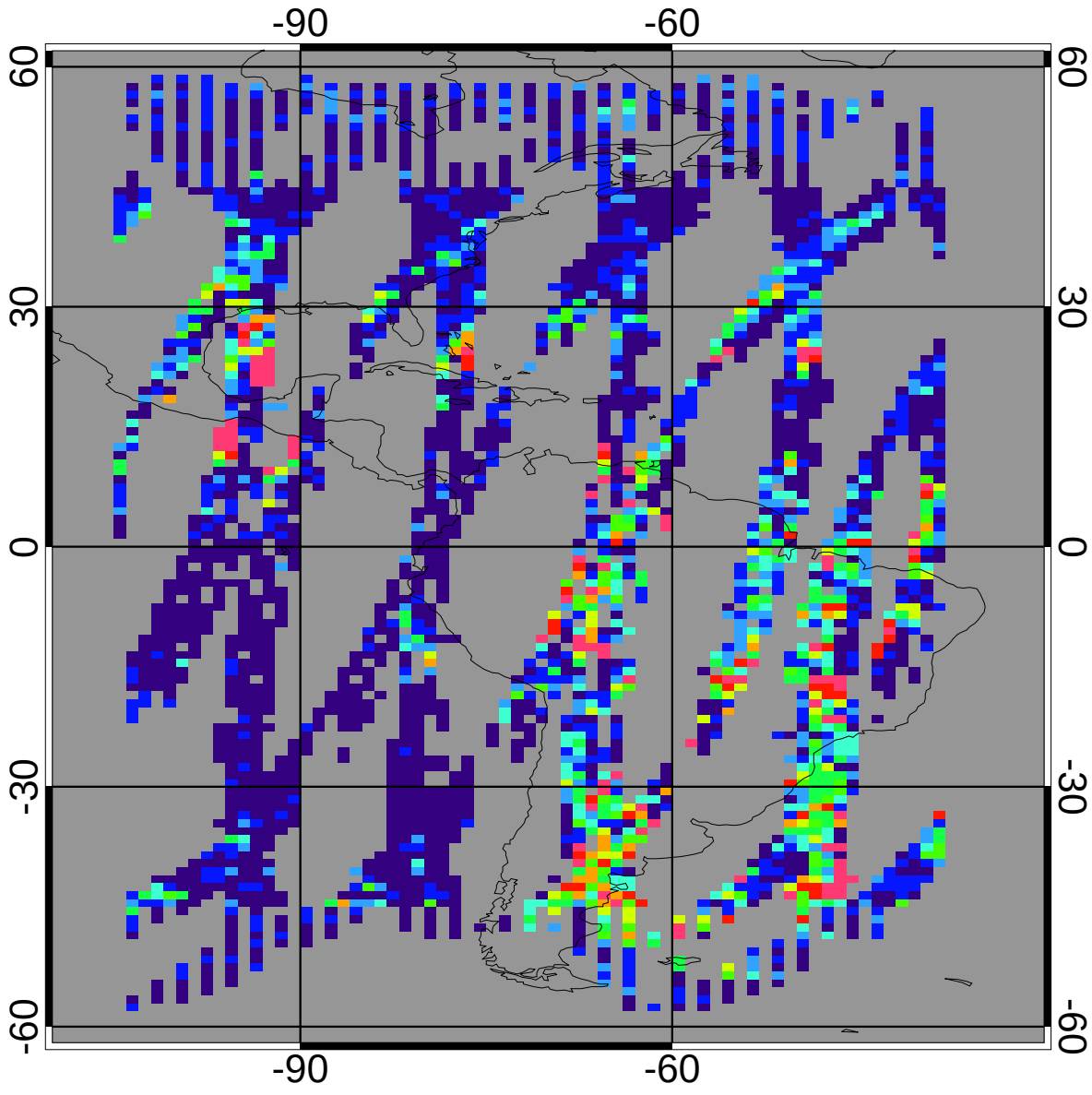
5ch_V01 Jan 2010 (matched angle)



bias	5.18	1.97%
domain sigma	10.60	4.04%

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

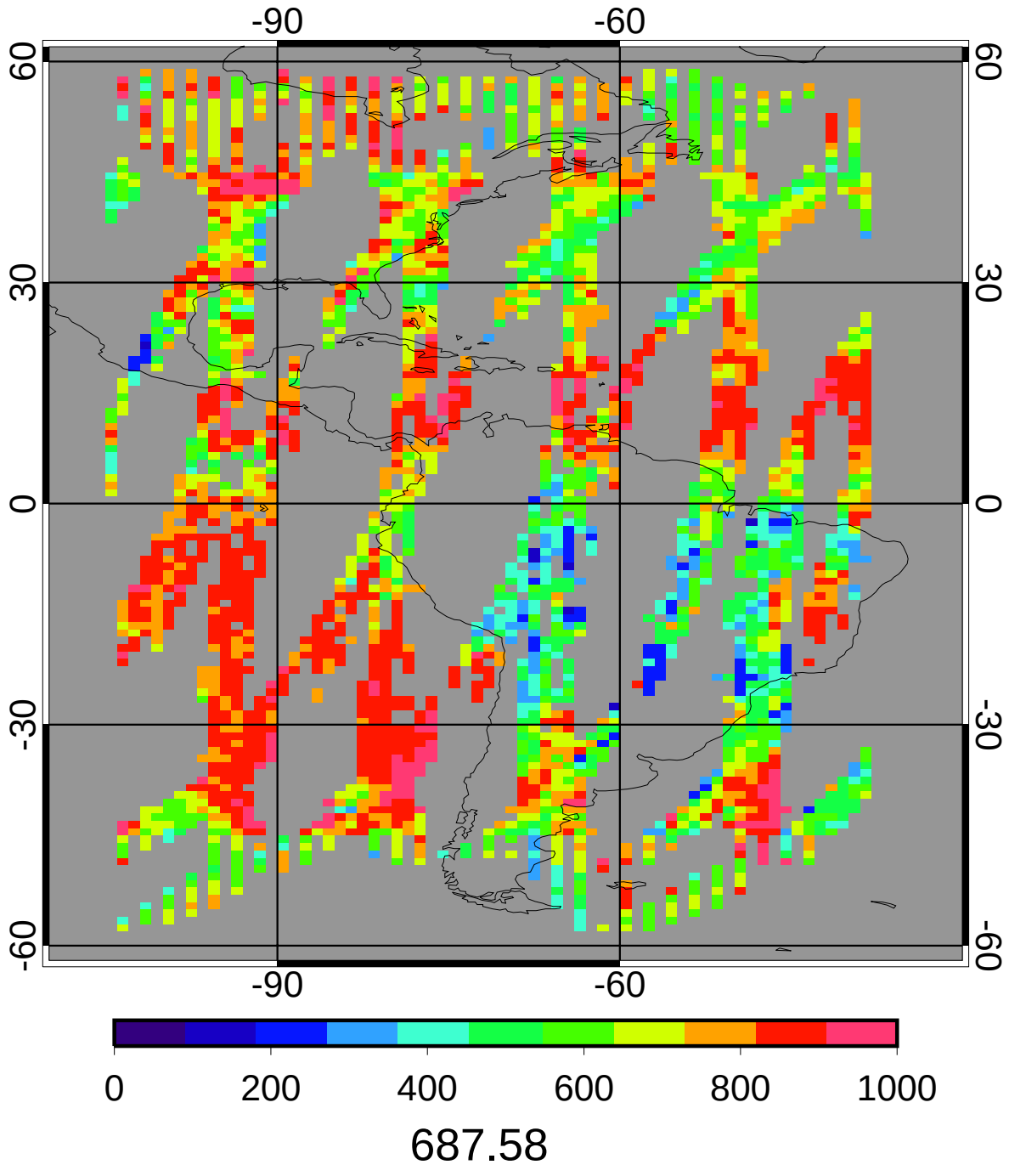
5ch_V01 Jan 2010 (matched angle)



regave rms	10.12	3.86%
domain rms	14.09	5.38%

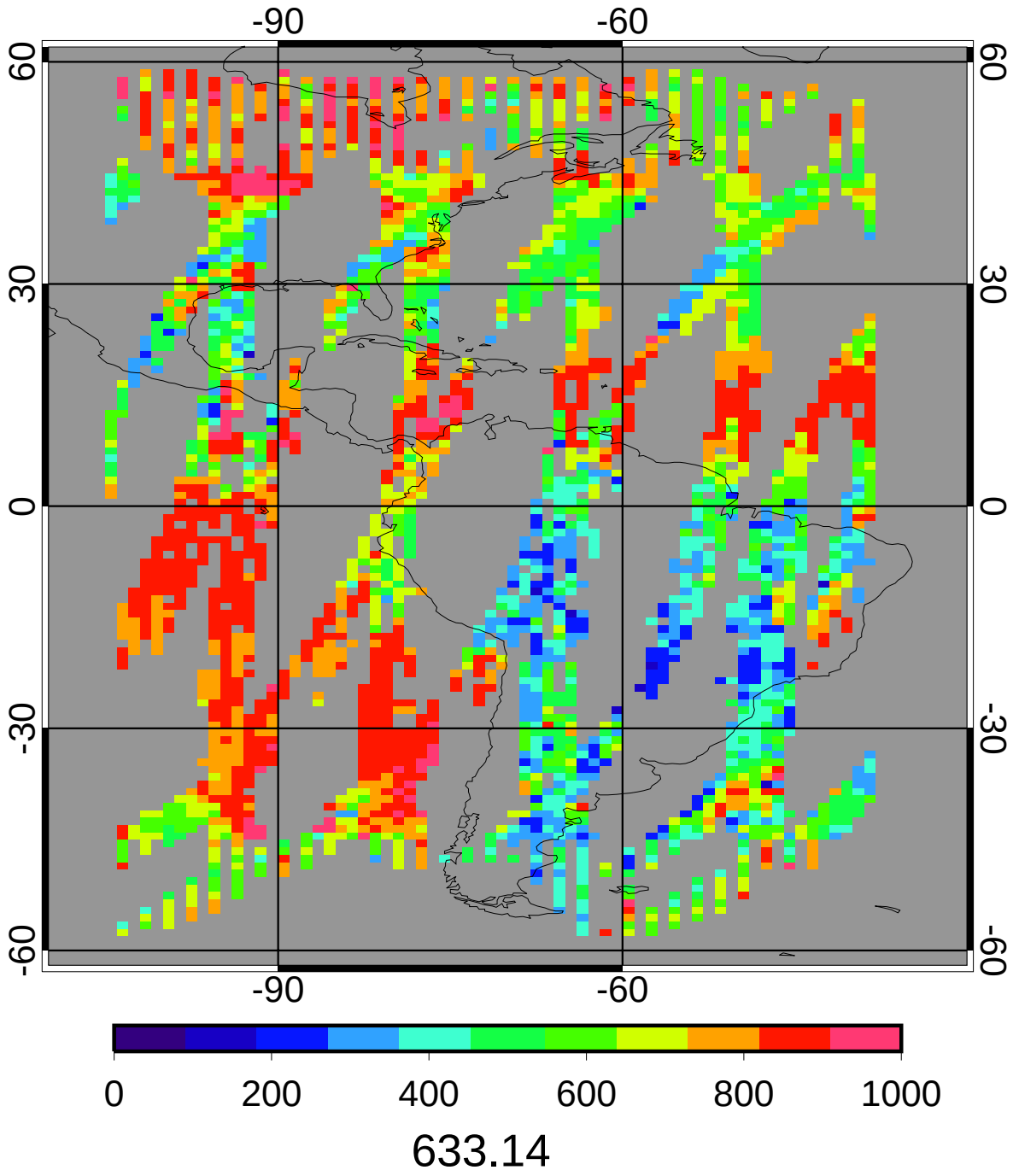
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



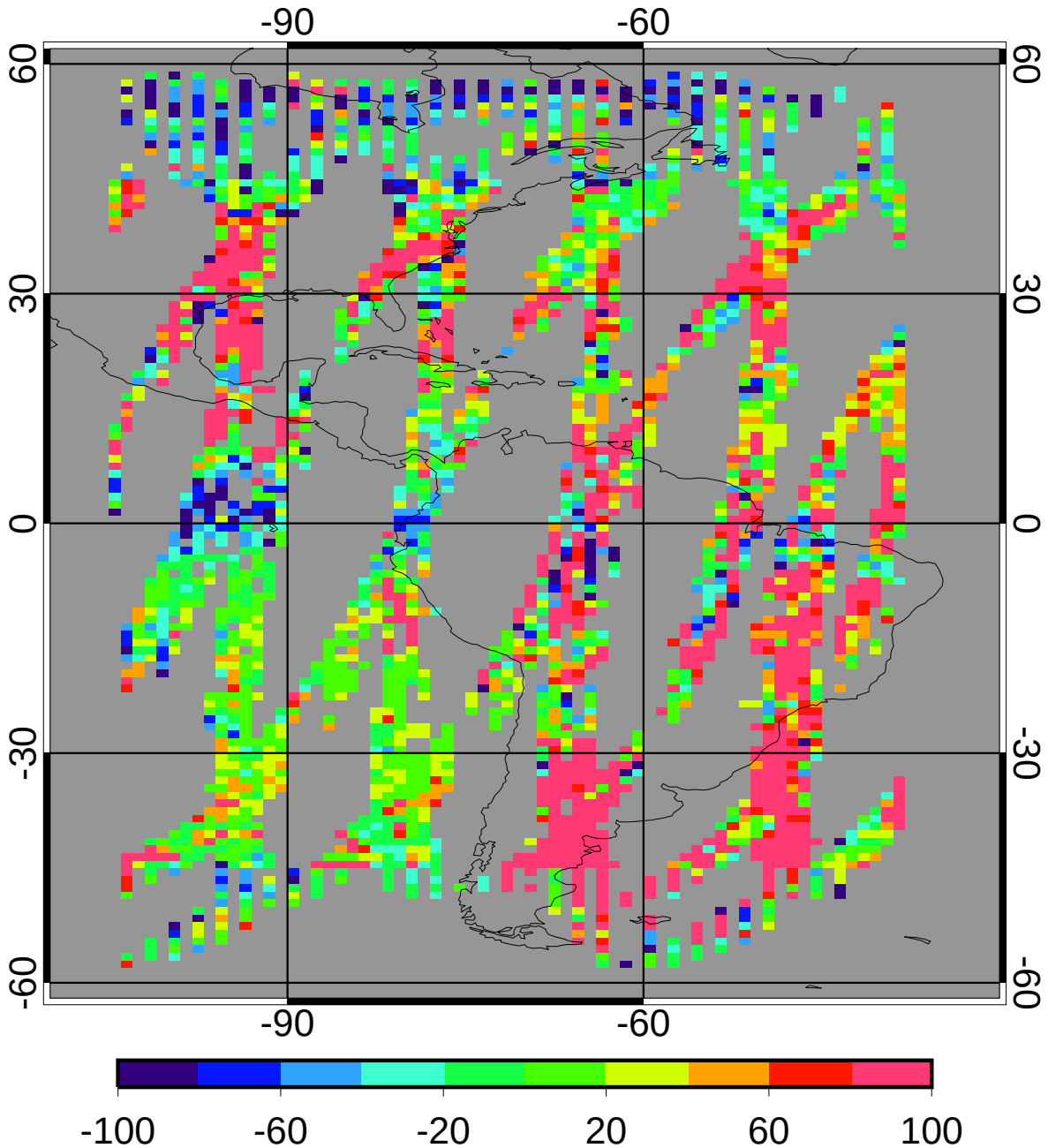
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

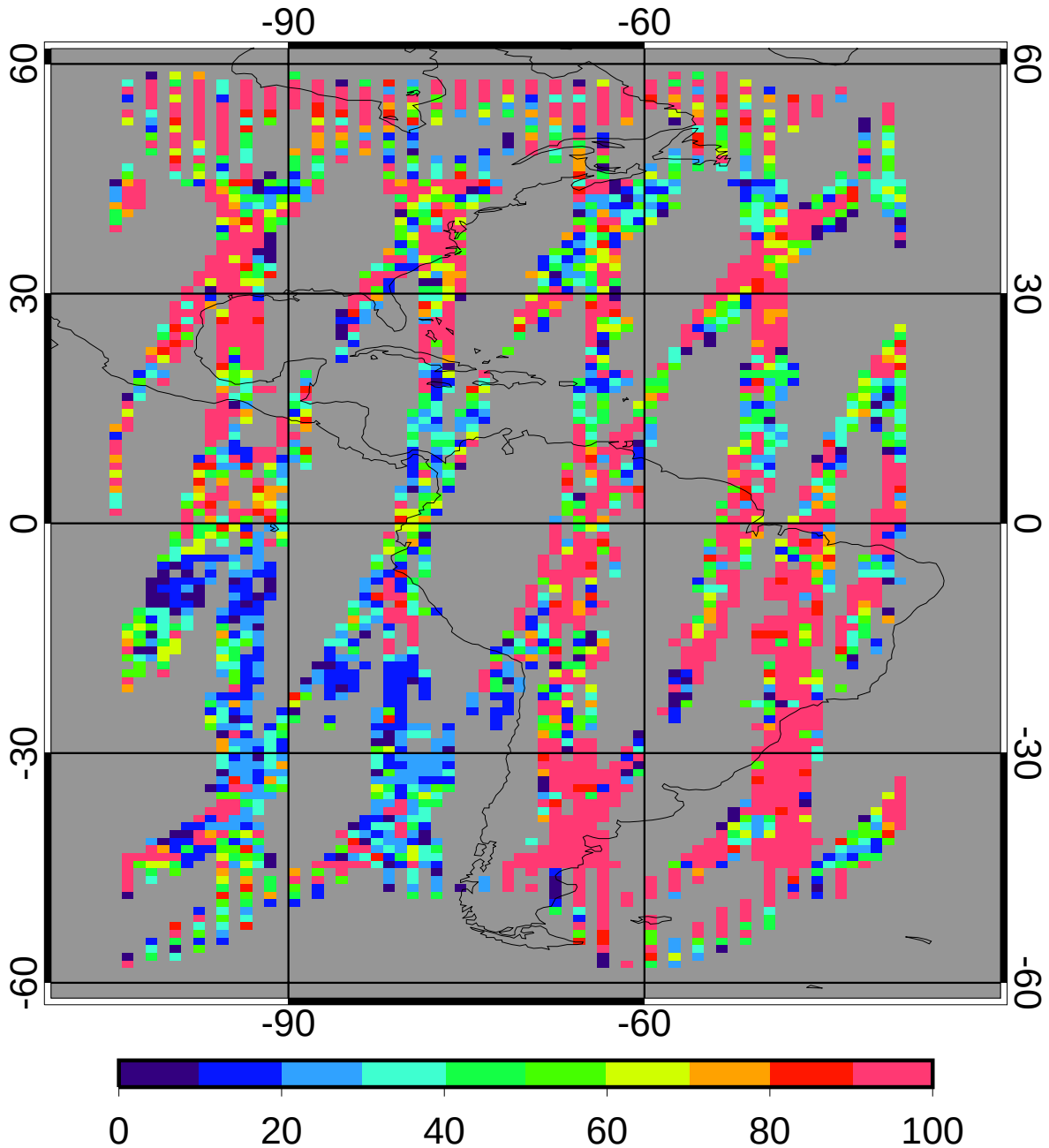
5ch_V01 Jan 2010 (matched angle)



bias	54.51	8.61%
domain sigma	104.81	16.55%

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

5ch_V01 Jan 2010 (matched angle)

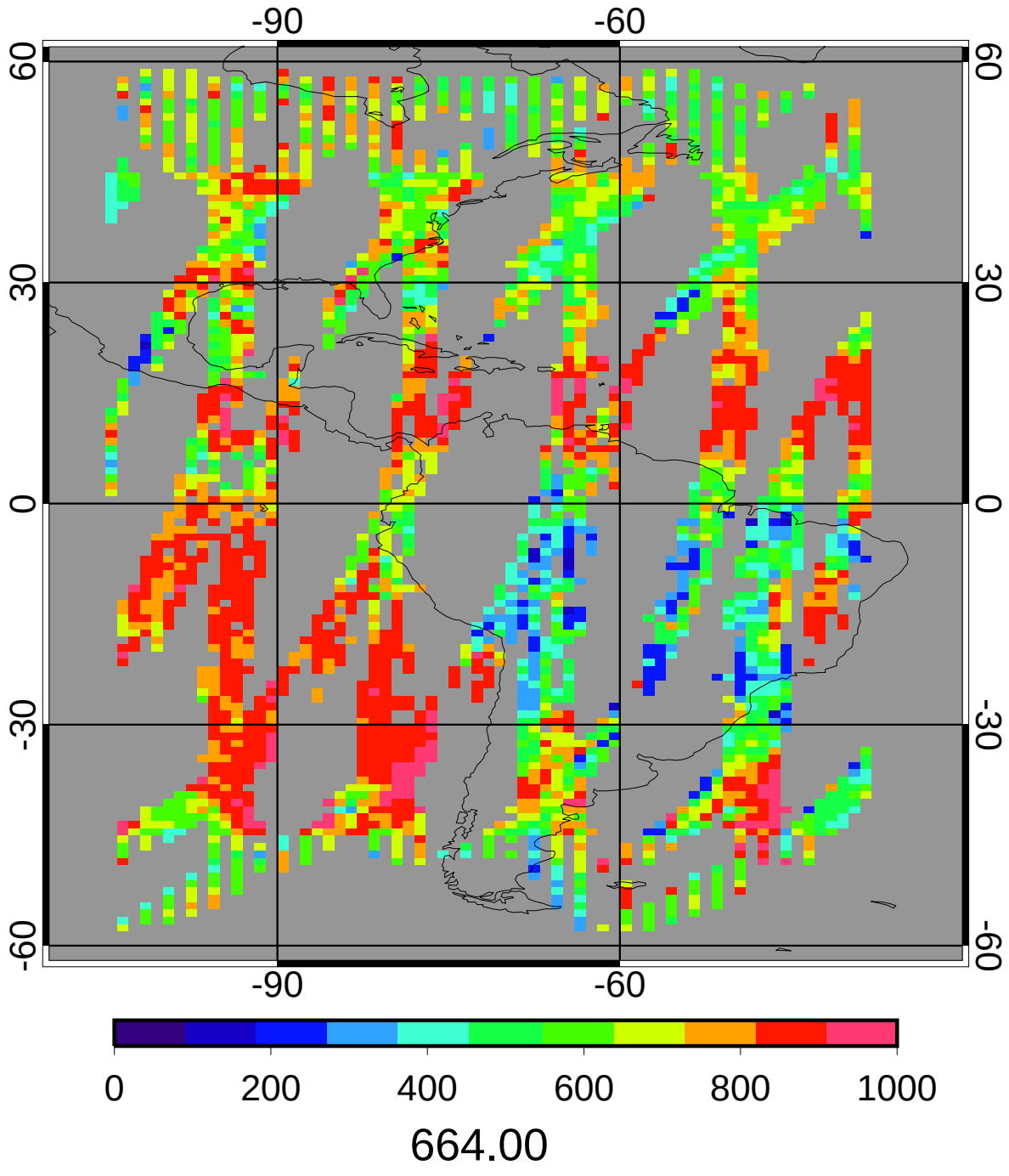


regave rms 104.35 16.48%

domain rms 138.32 21.85%

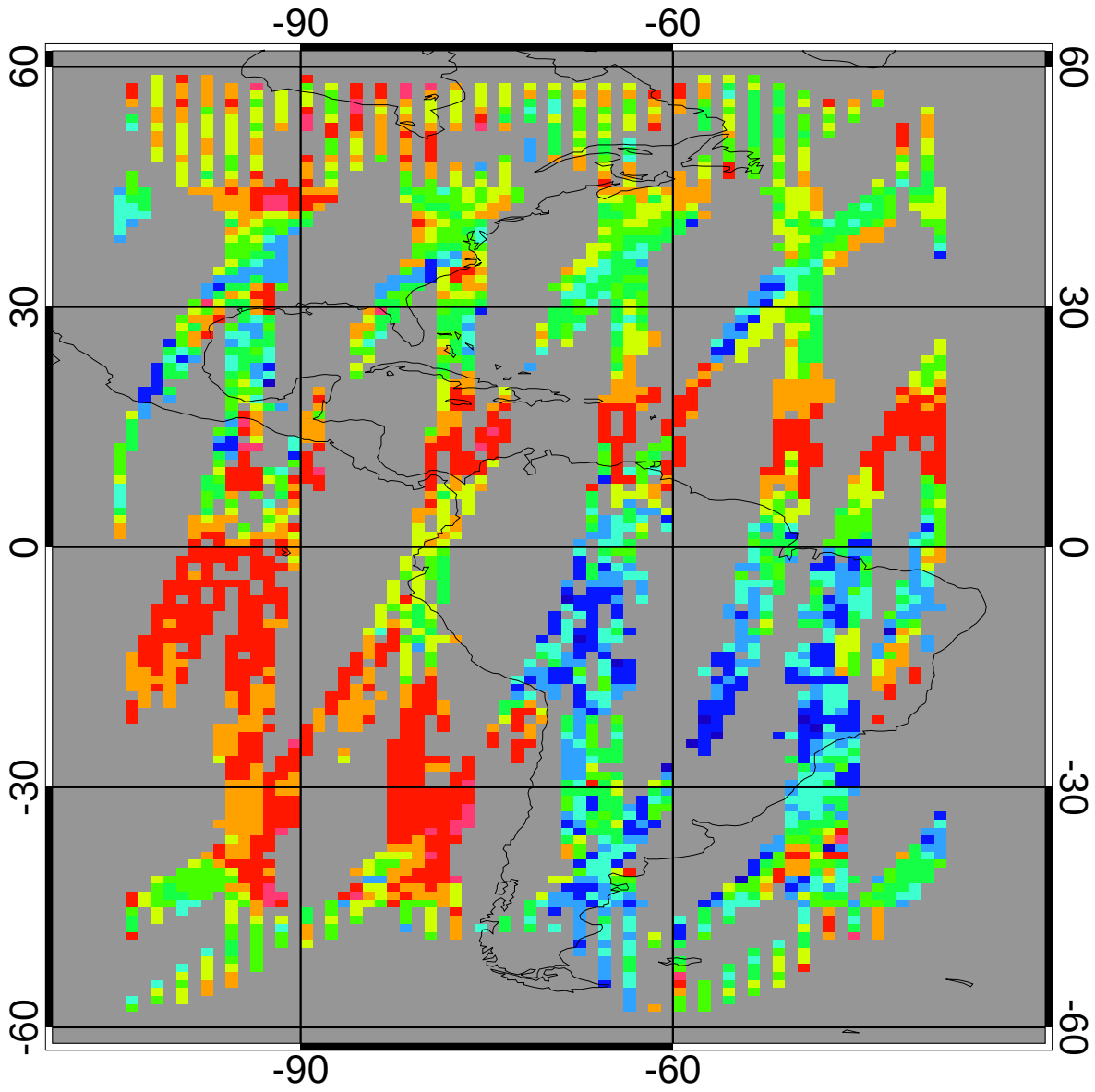
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



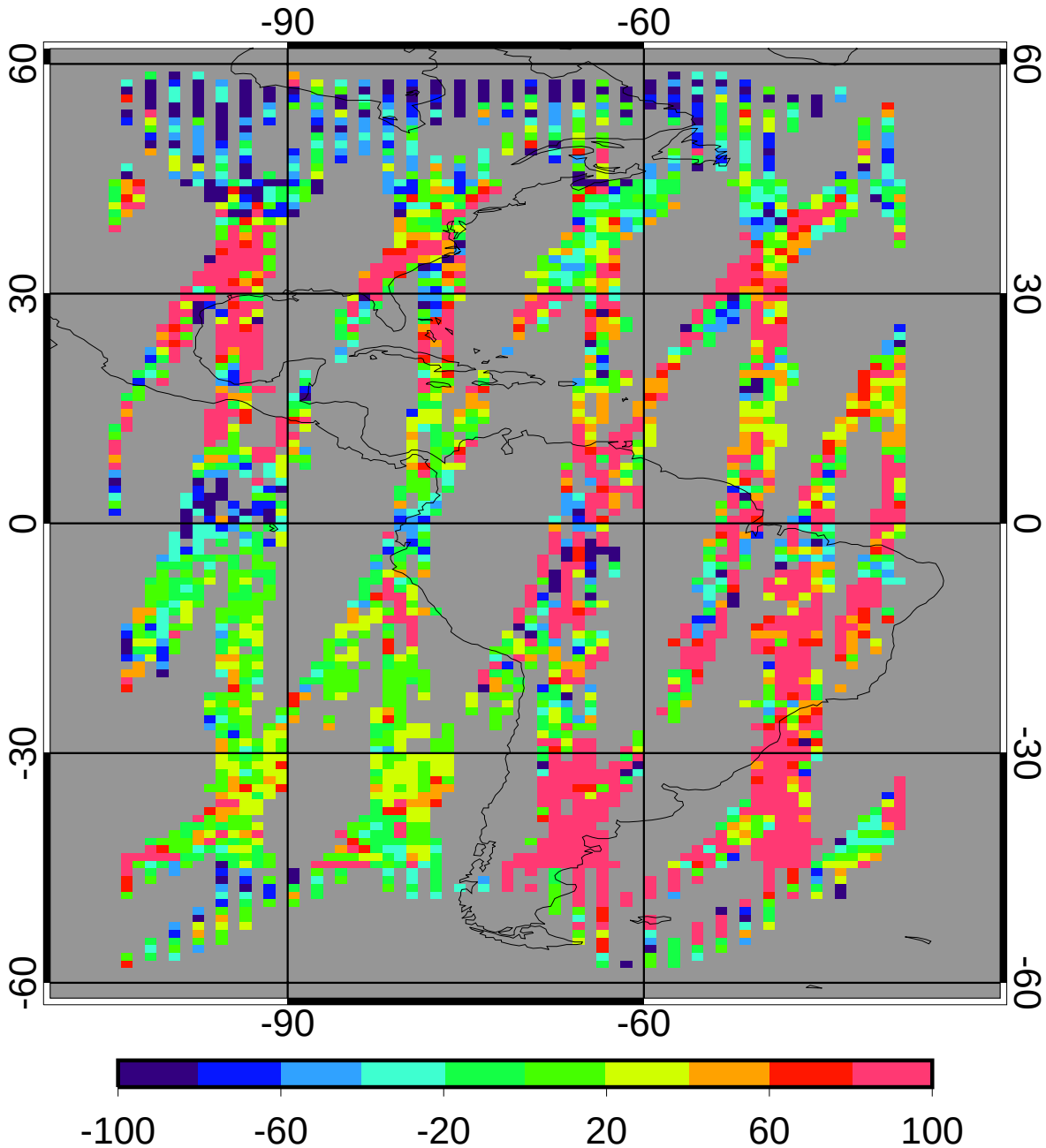
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

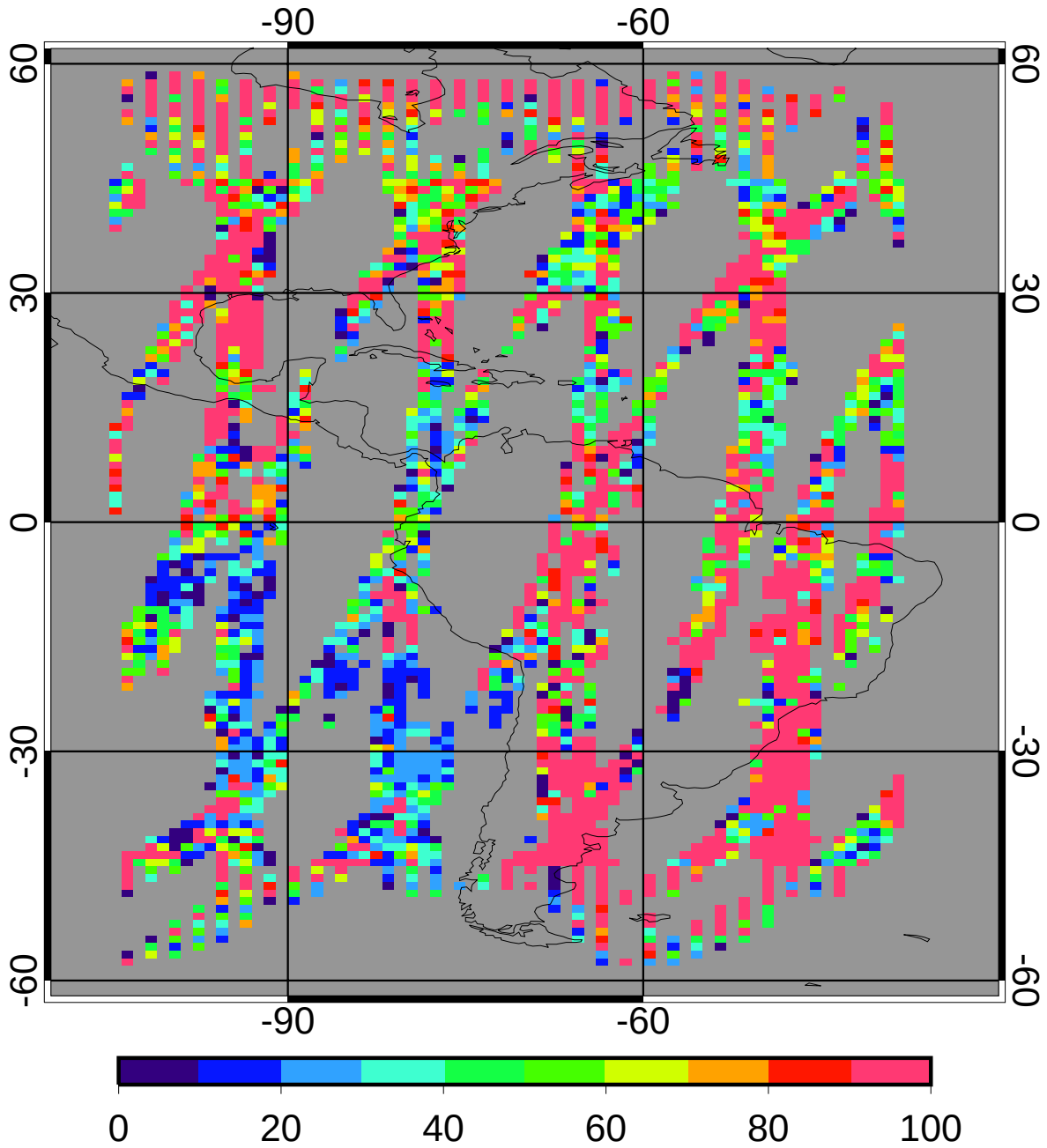
5ch_V01 Jan 2010 (matched angle)



bias	52.49	8.58%
domain sigma	107.23	17.53%

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

5ch_V01 Jan 2010 (matched angle)

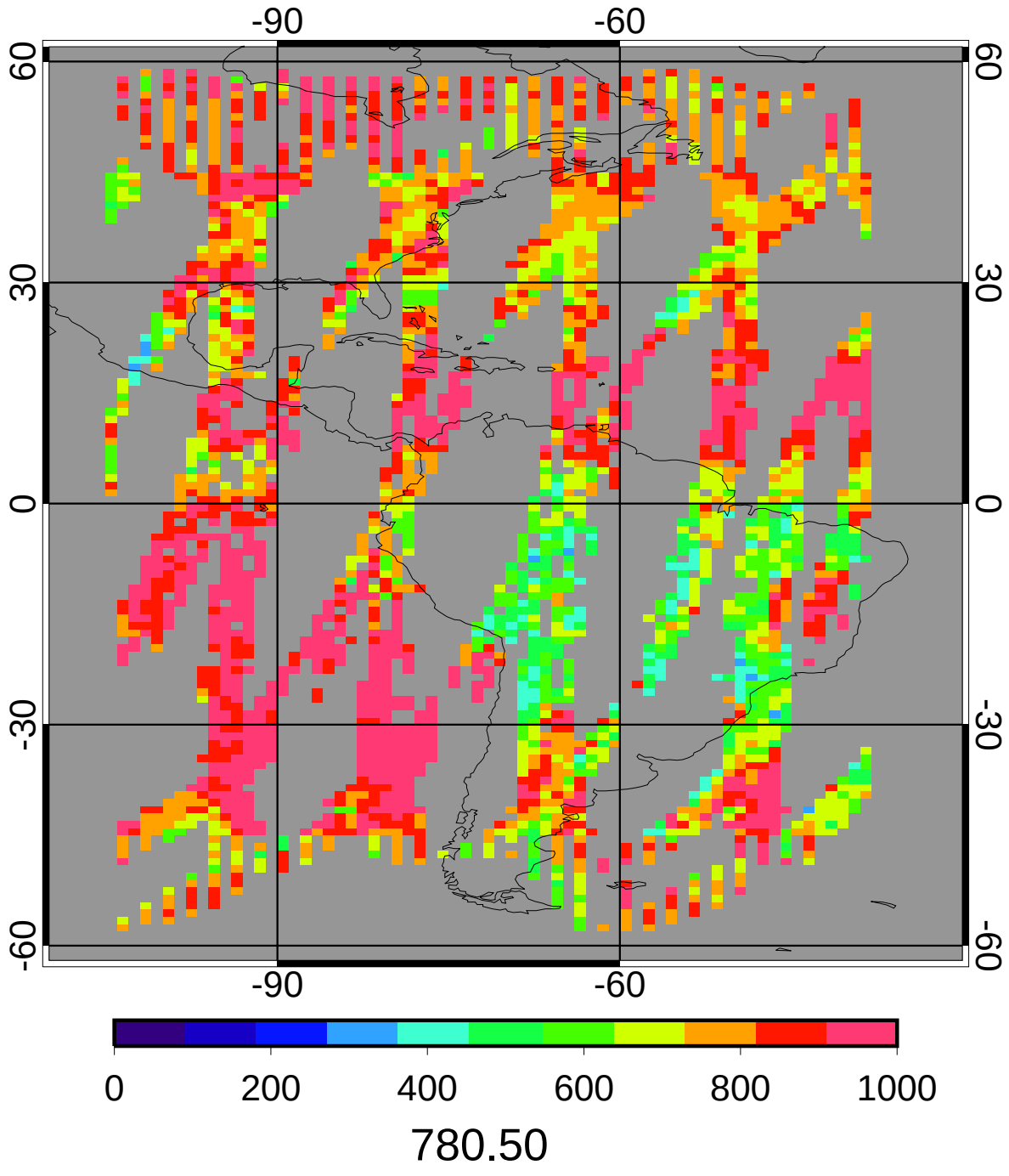


regave rms 106.81 17.47%

domain rms 140.06 22.90%

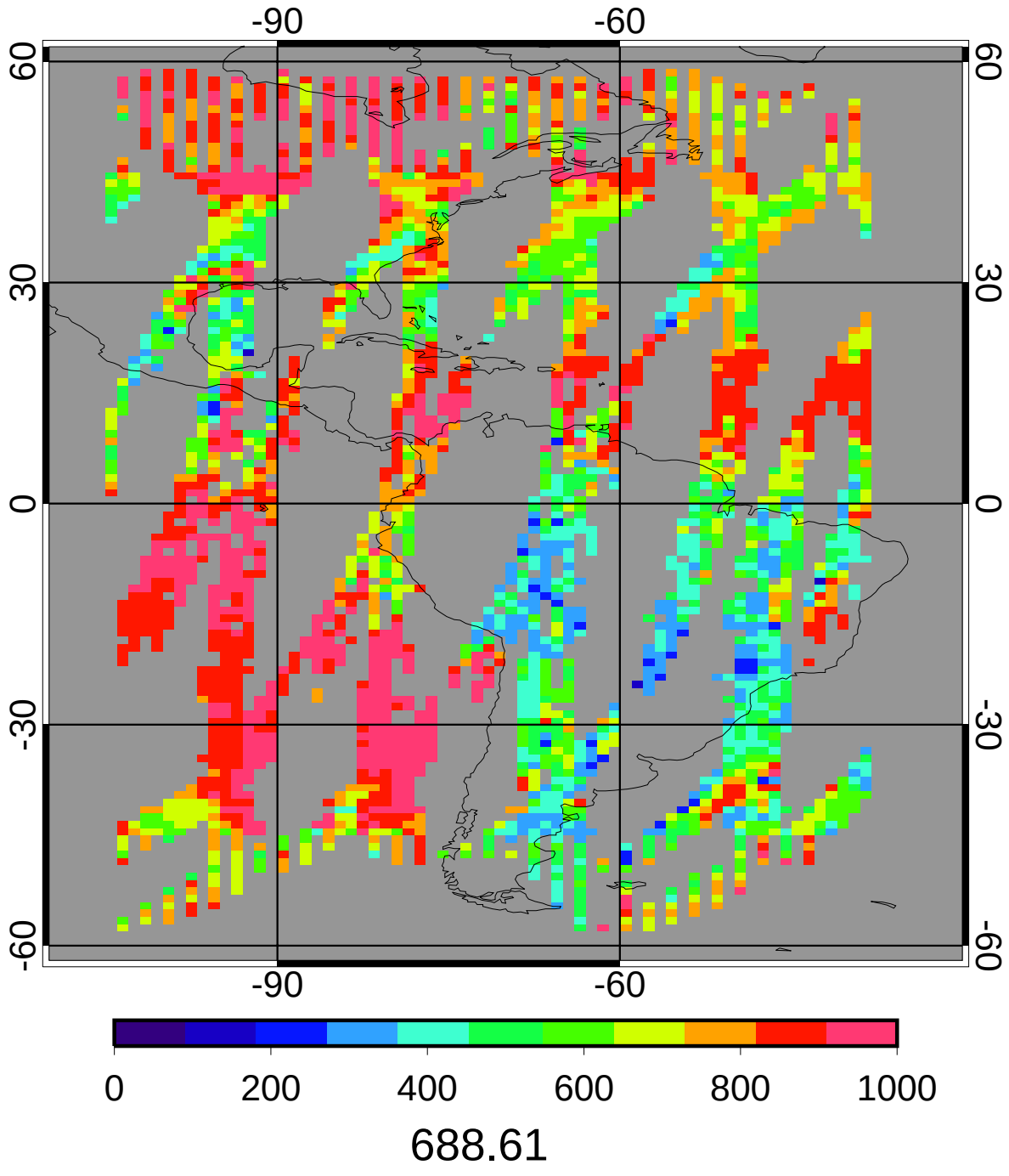
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



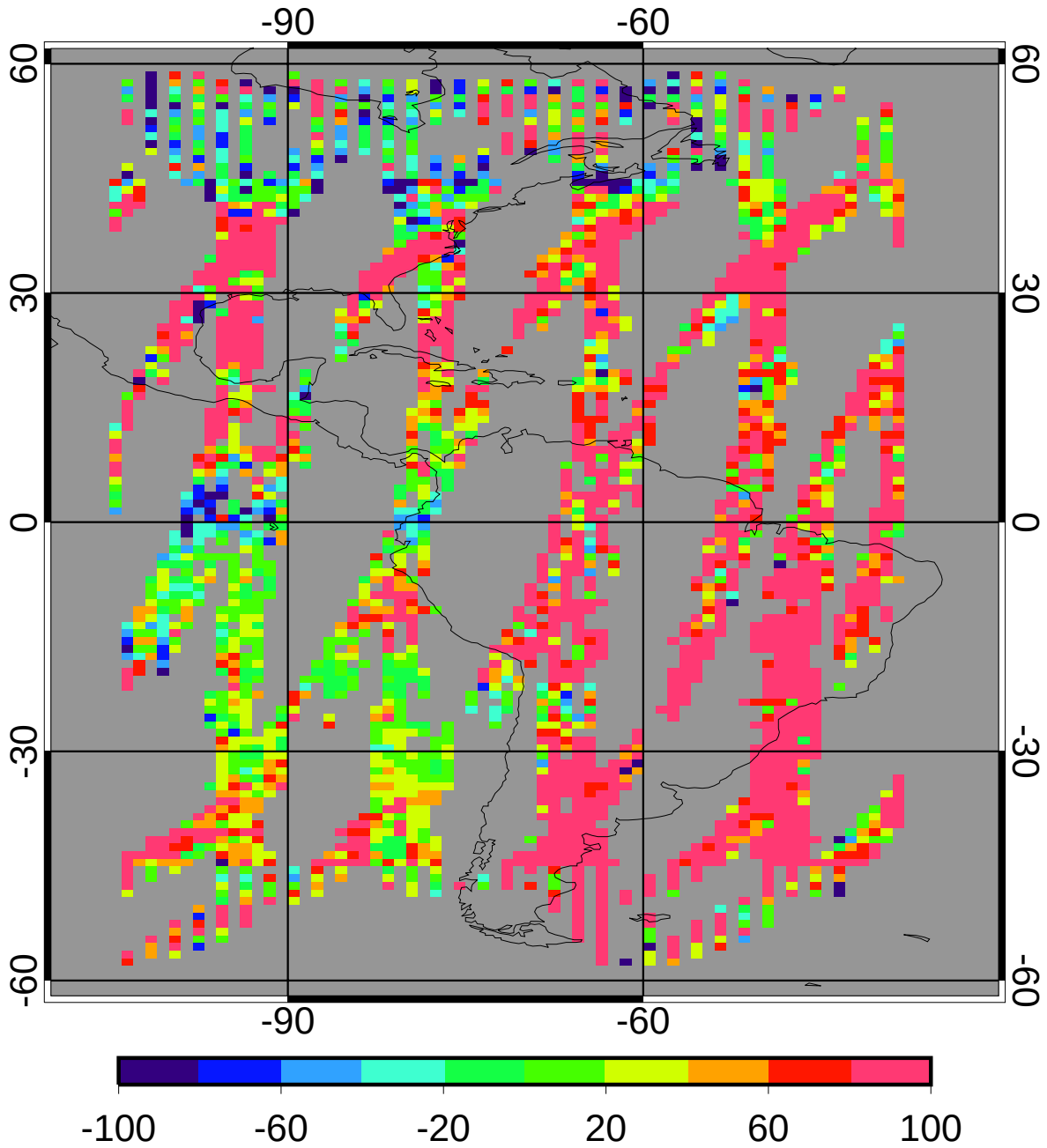
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

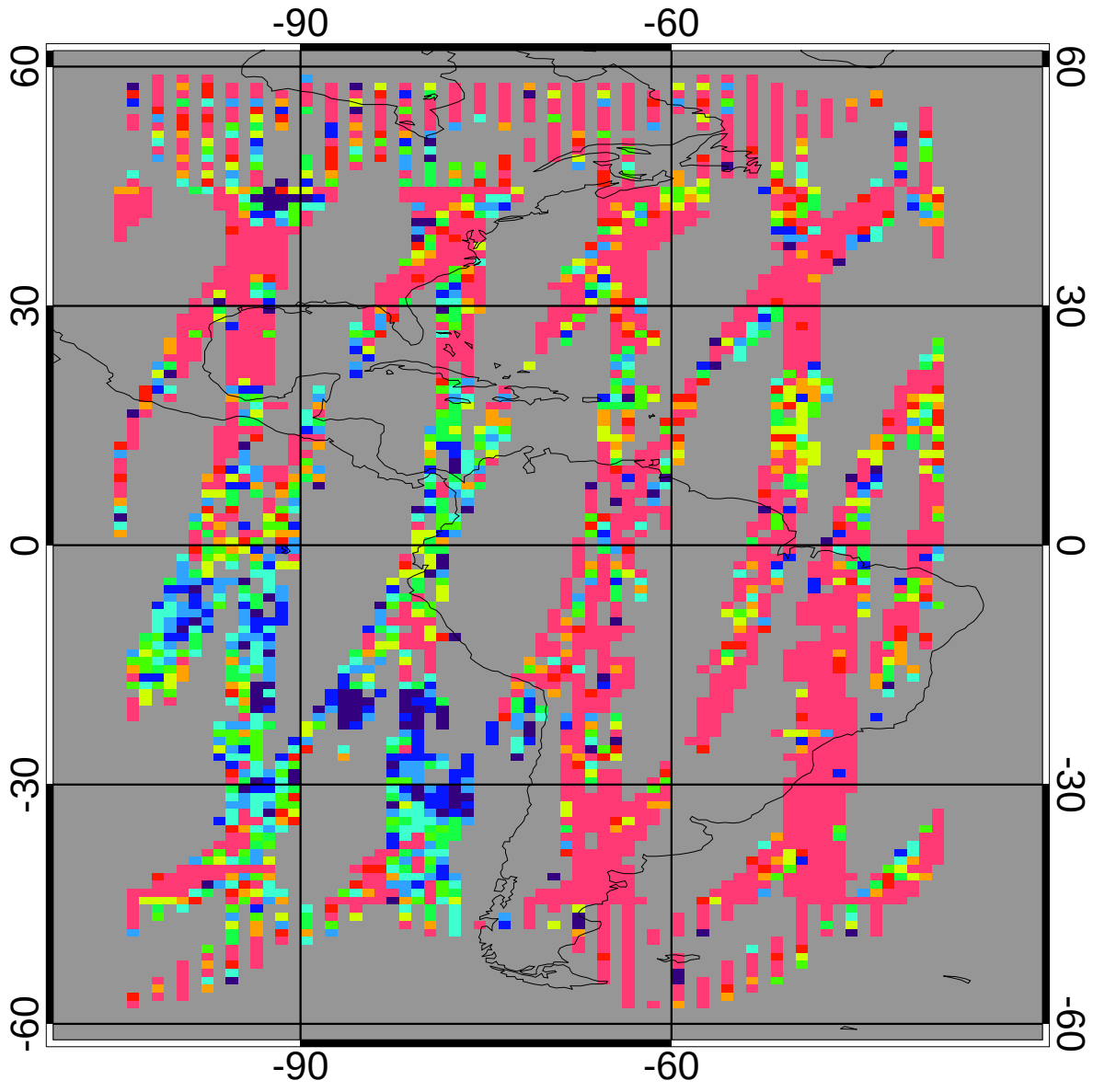
5ch_V01 Jan 2010 (matched angle)



bias	91.87	13.34%
domain sigma	111.90	16.25%

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

5ch_V01 Jan 2010 (matched angle)

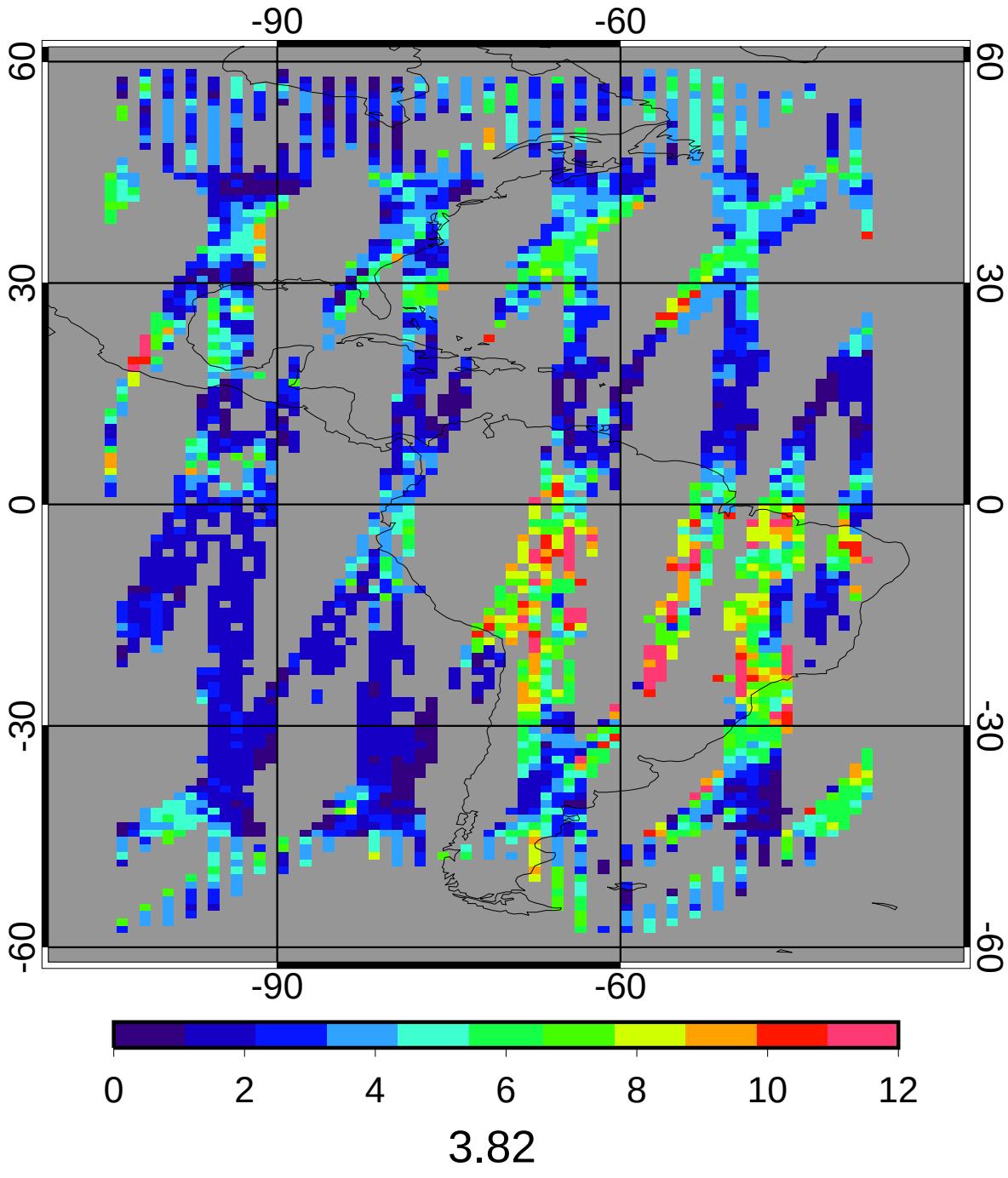


regave rms 129.88 18.86%

domain rms 160.08 23.25%

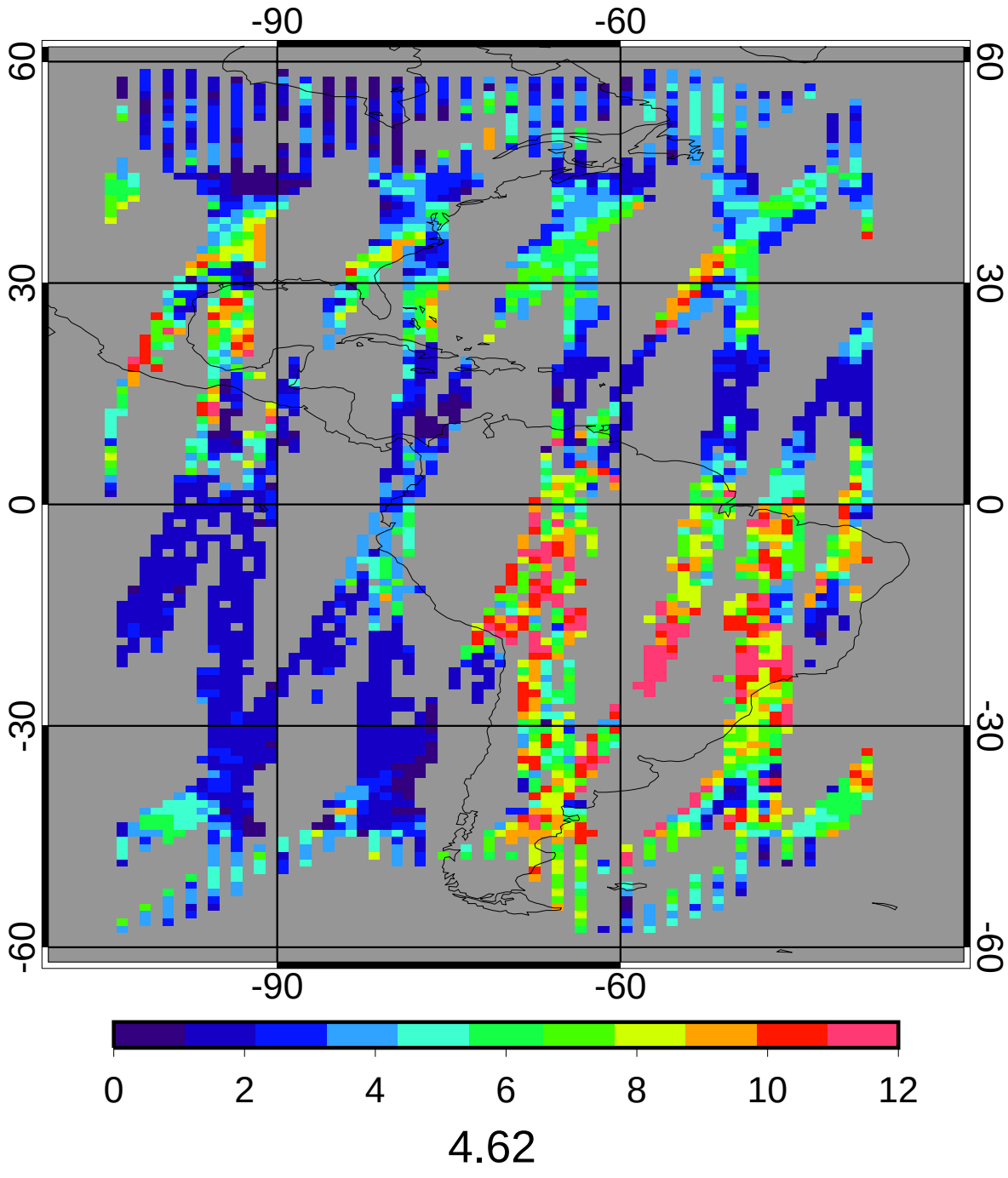
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



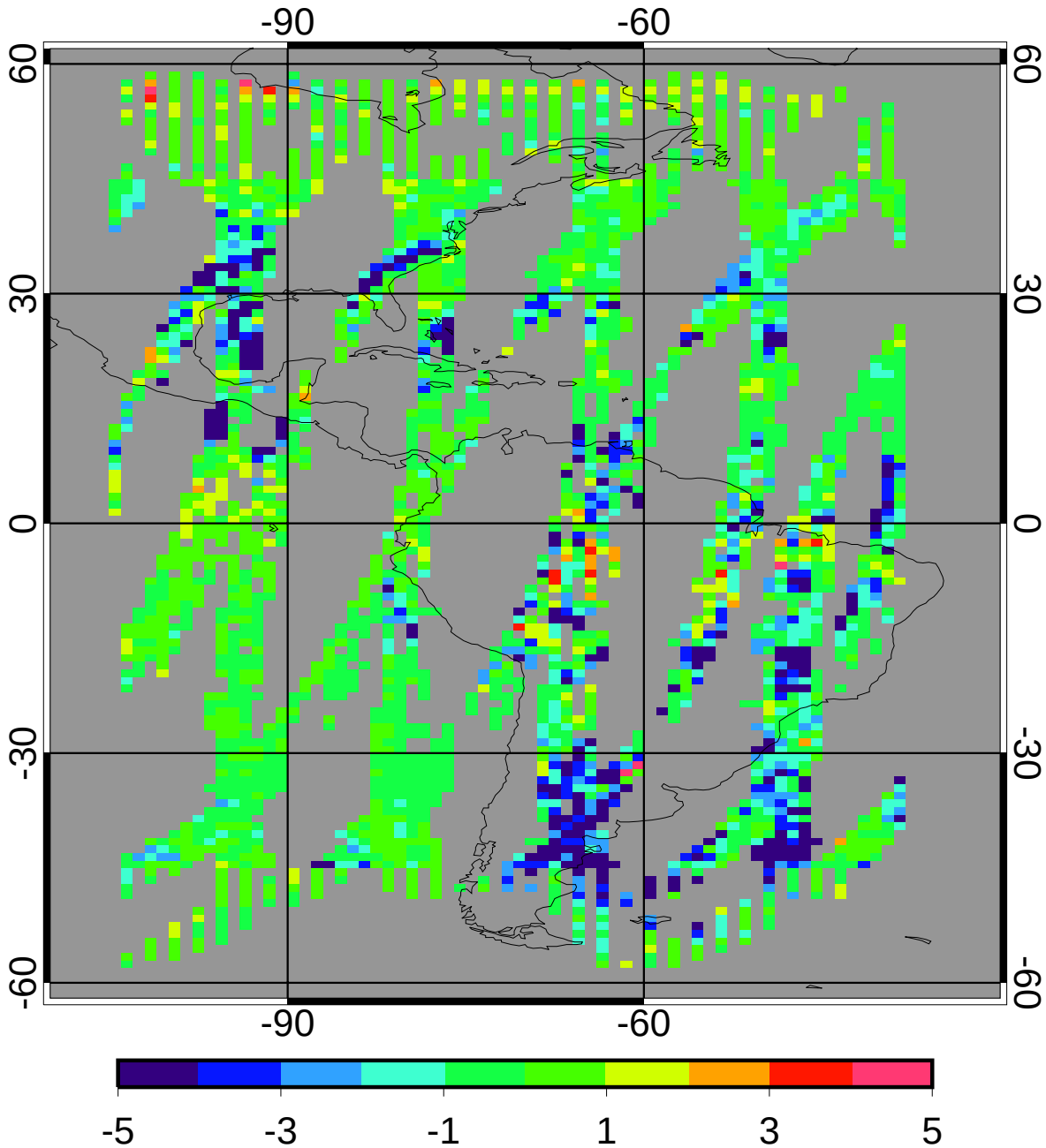
CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



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

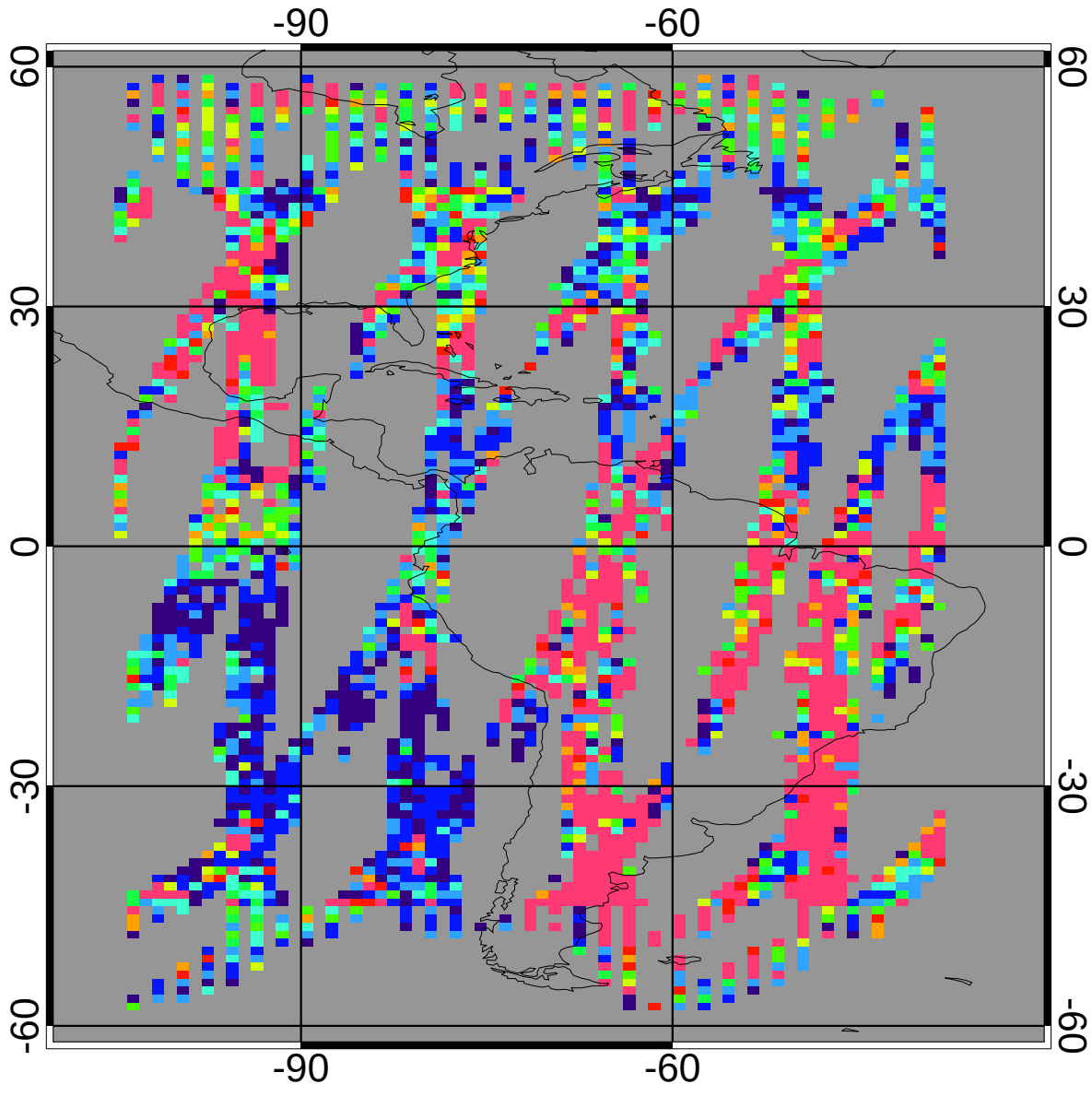
5ch_V01 Jan 2010 (matched angle)

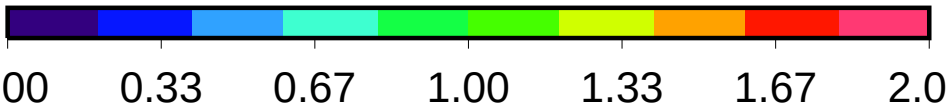


bias	-0.80	-17.34%
domain sigma	1.73	37.54%

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

5ch_V01 Jan 2010 (matched angle)

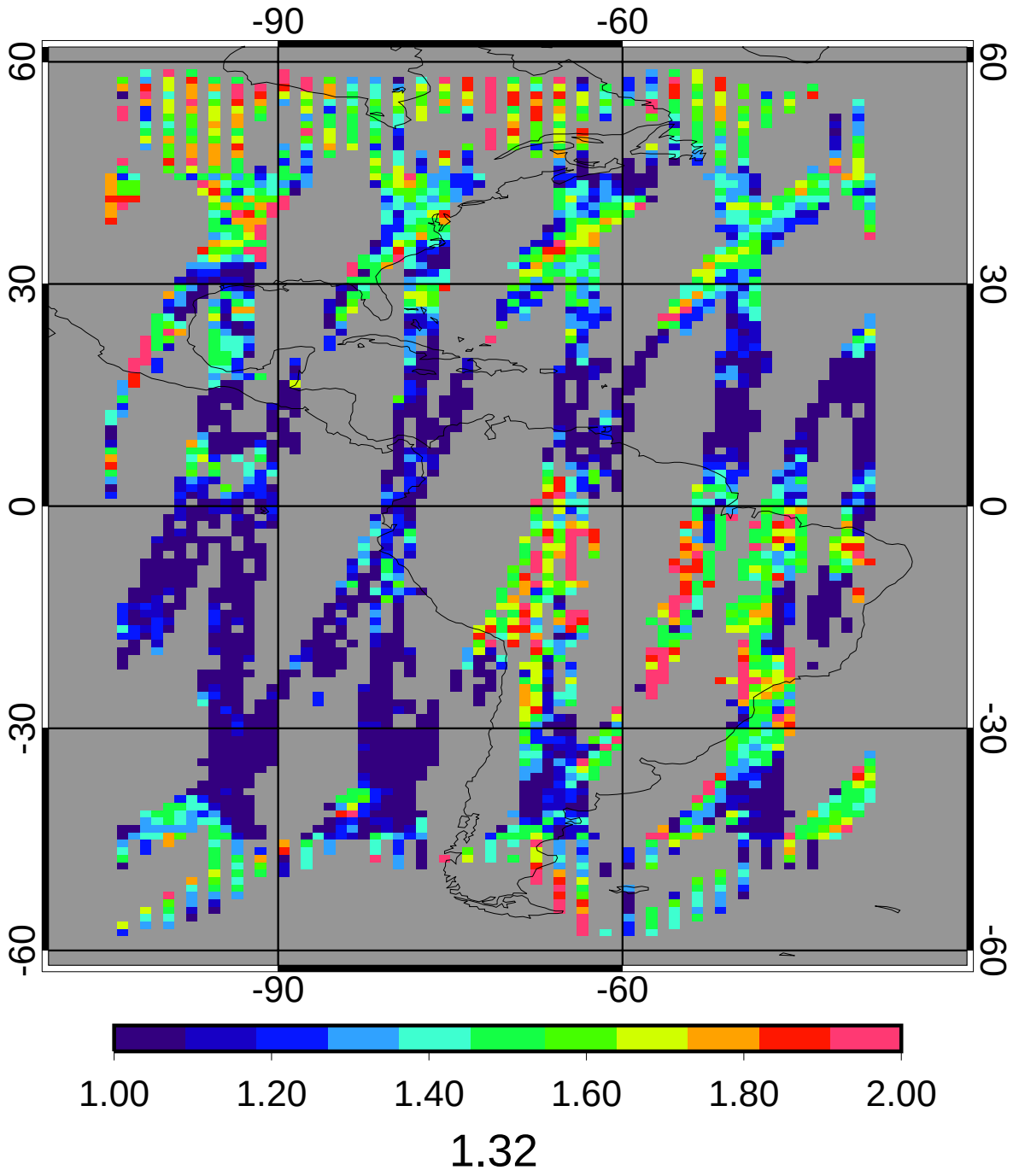




regave rms	1.64	35.60%
domain rms	2.28	49.38%

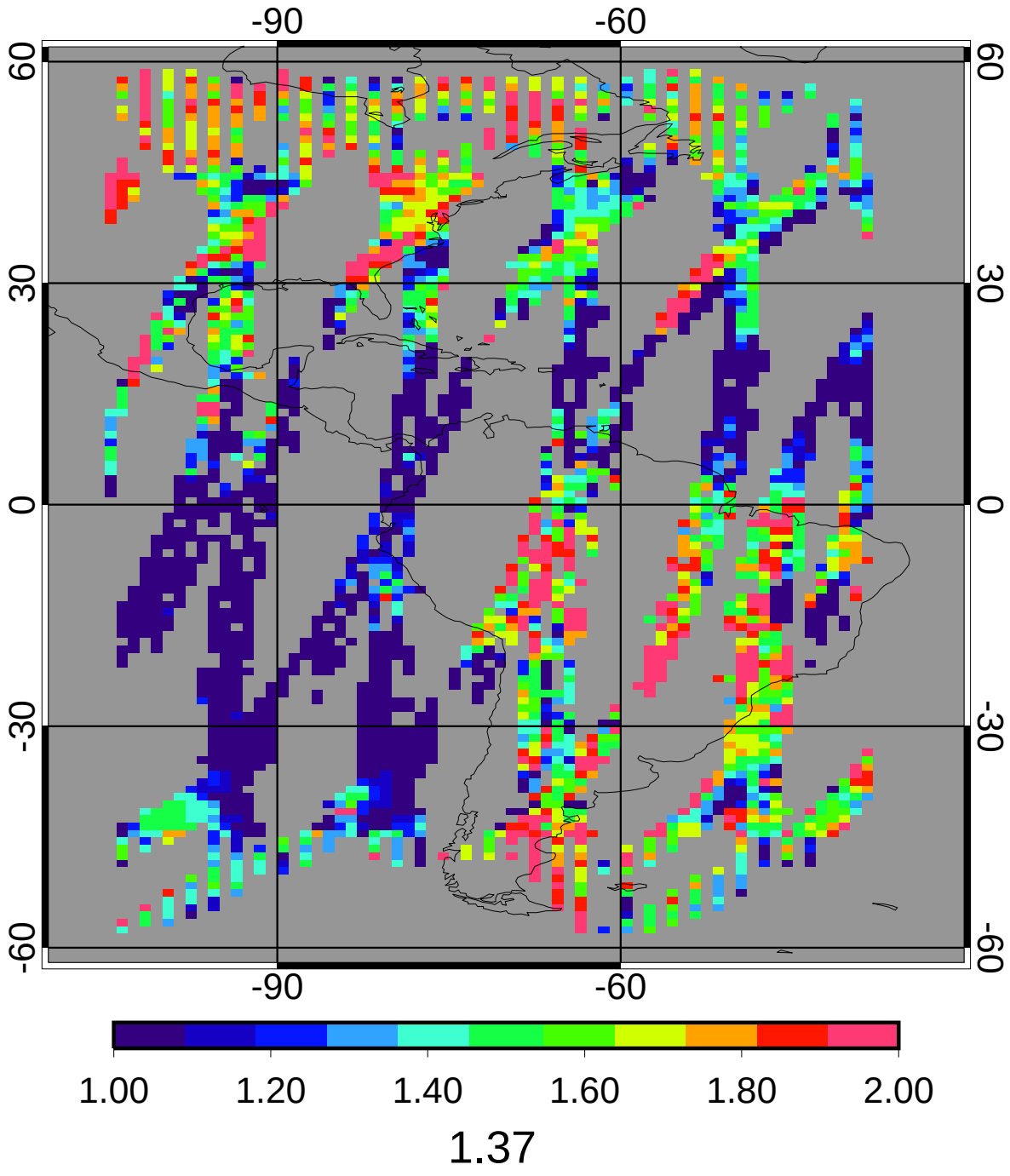
GGEO MEAN Nighttime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



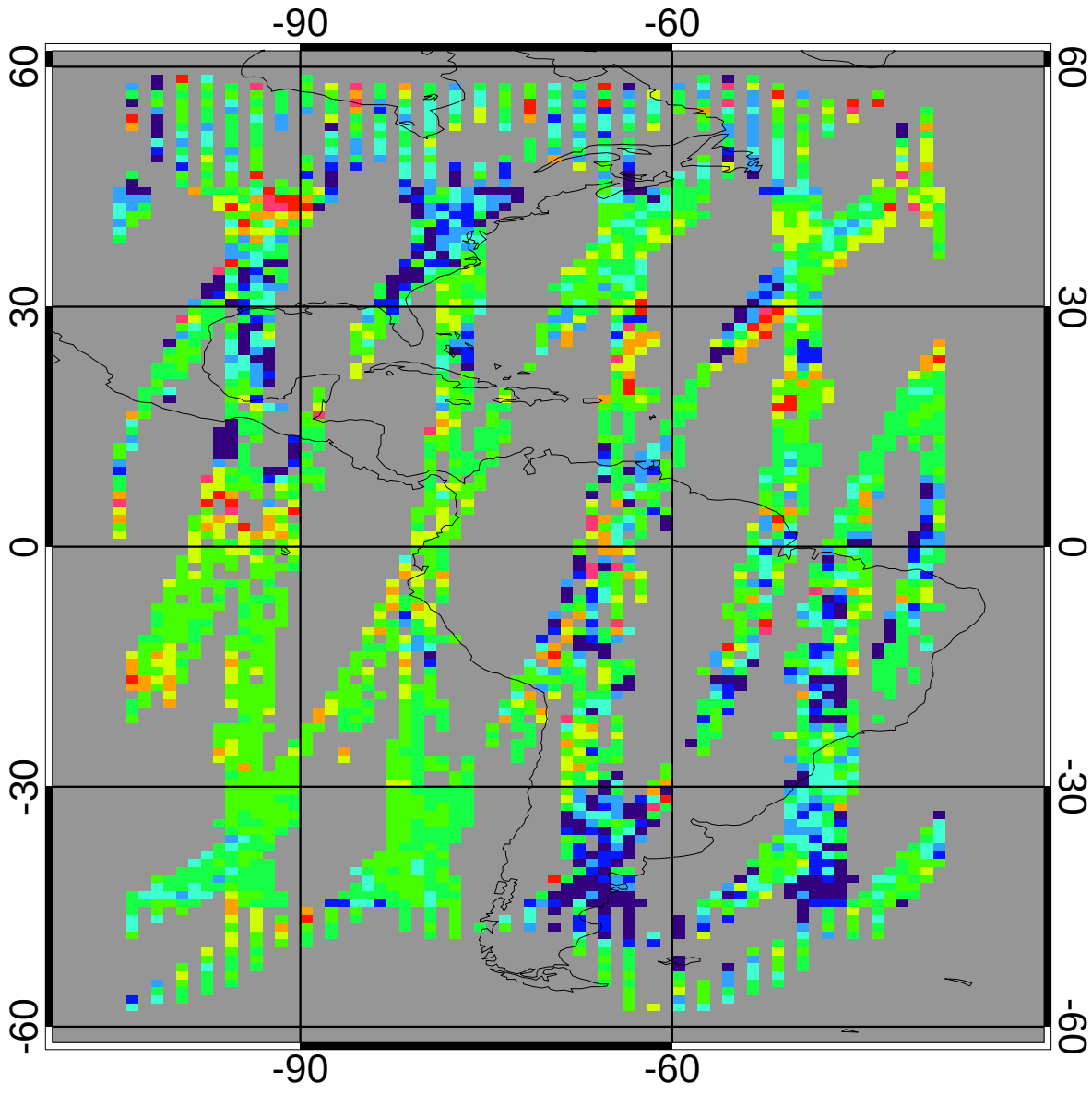
CERES/Aqua MEAN Nighttime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

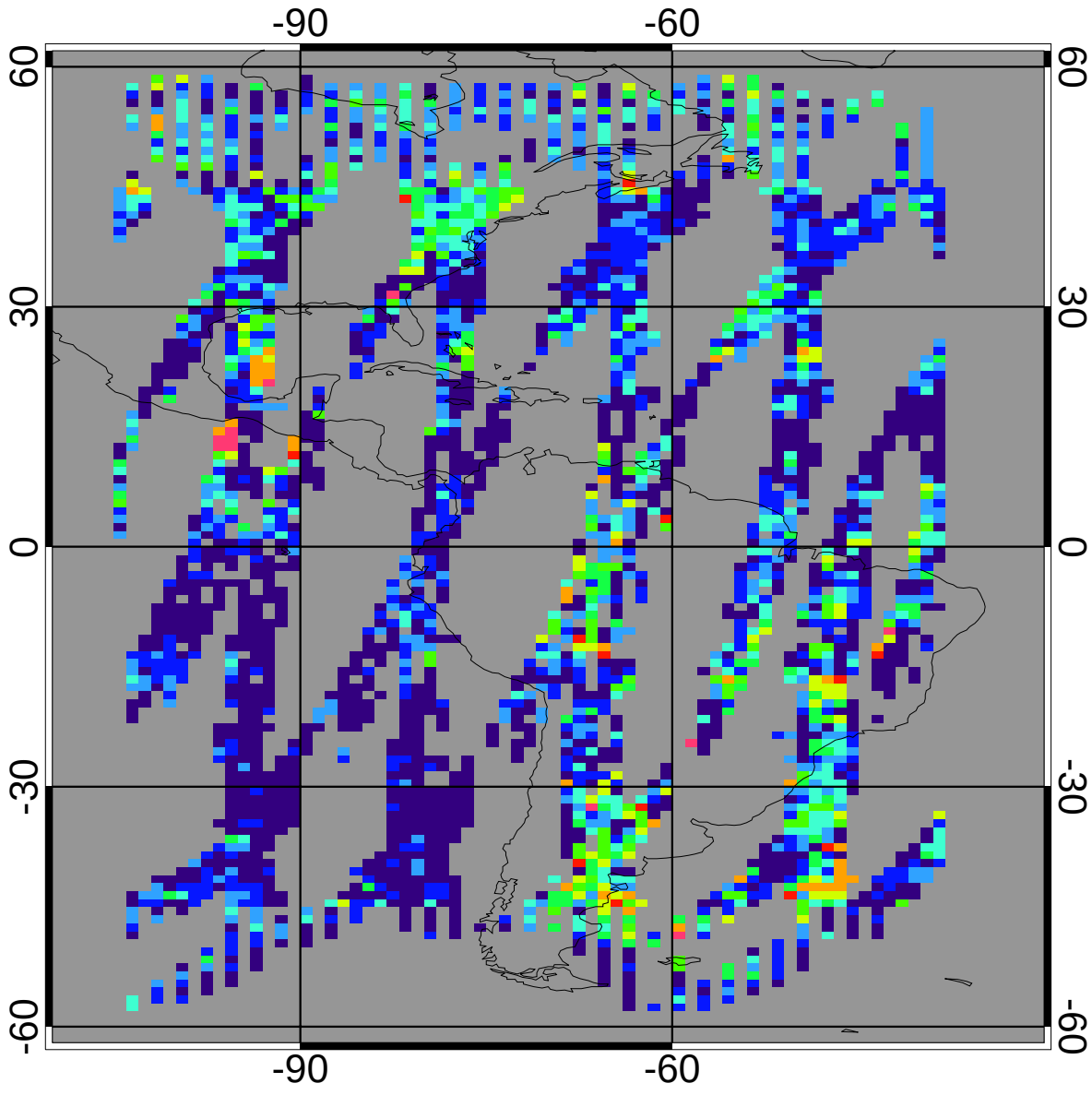
5ch_V01 Jan 2010 (matched angle)



bias	-0.06	-4.14%
domain sigma	0.18	13.21%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

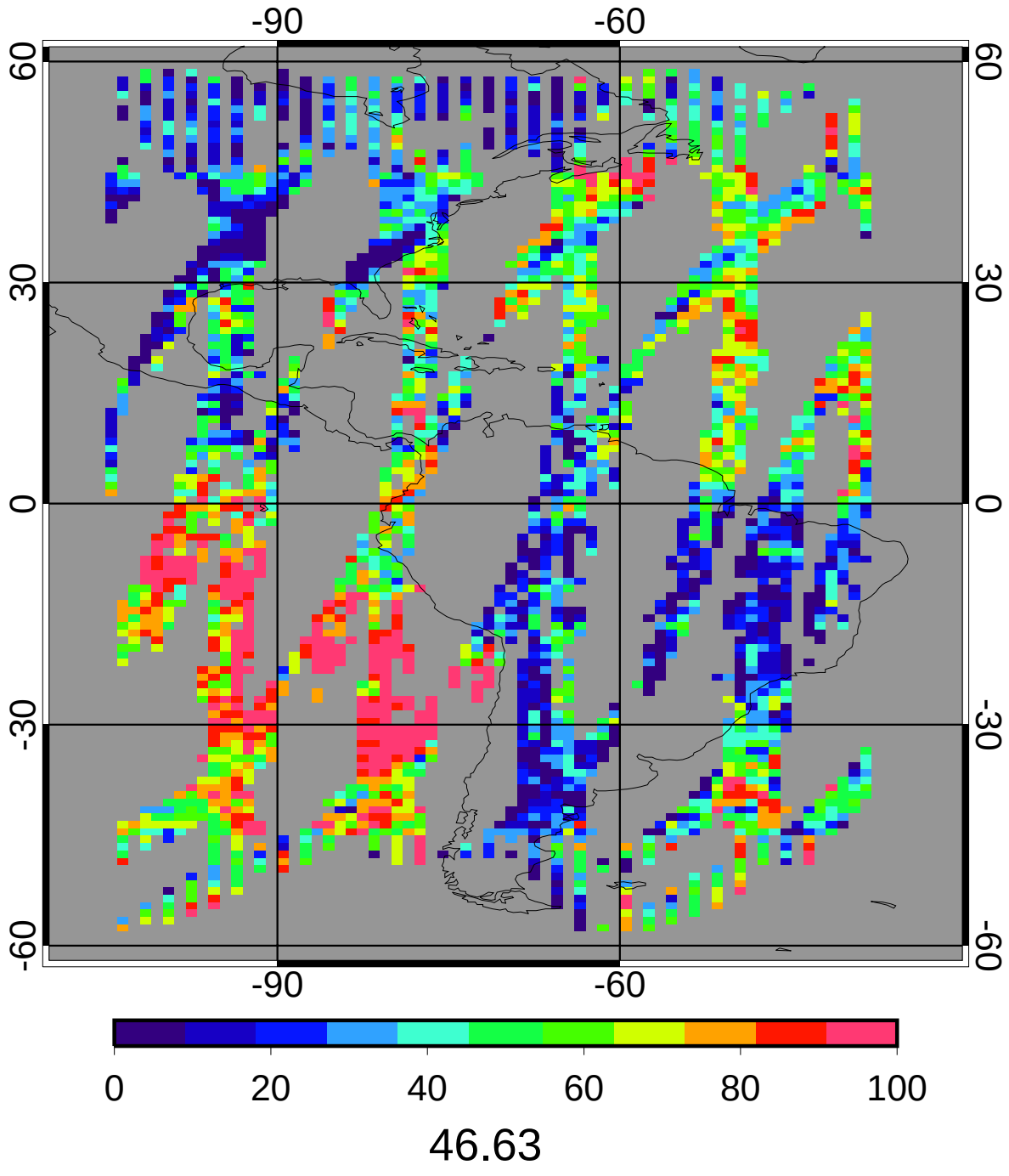
5ch_V01 Jan 2010 (matched angle)



regave rms	0.19	13.75%
domain rms	0.25	17.92%

GGEO MEAN Nighttime Liquid Cld Amt (%)

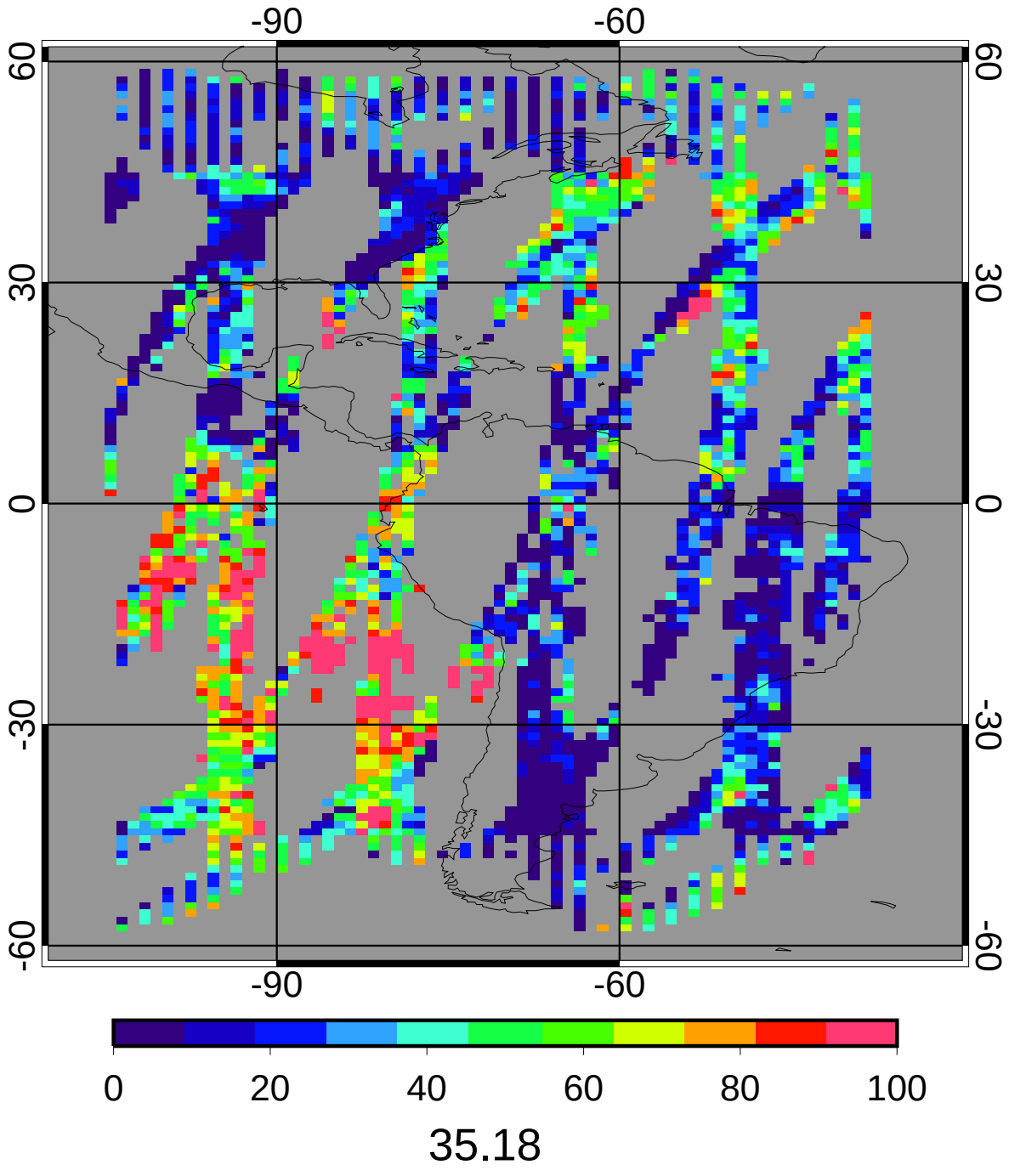
5ch_V01 Jan 2010 (matched angle)



46.63

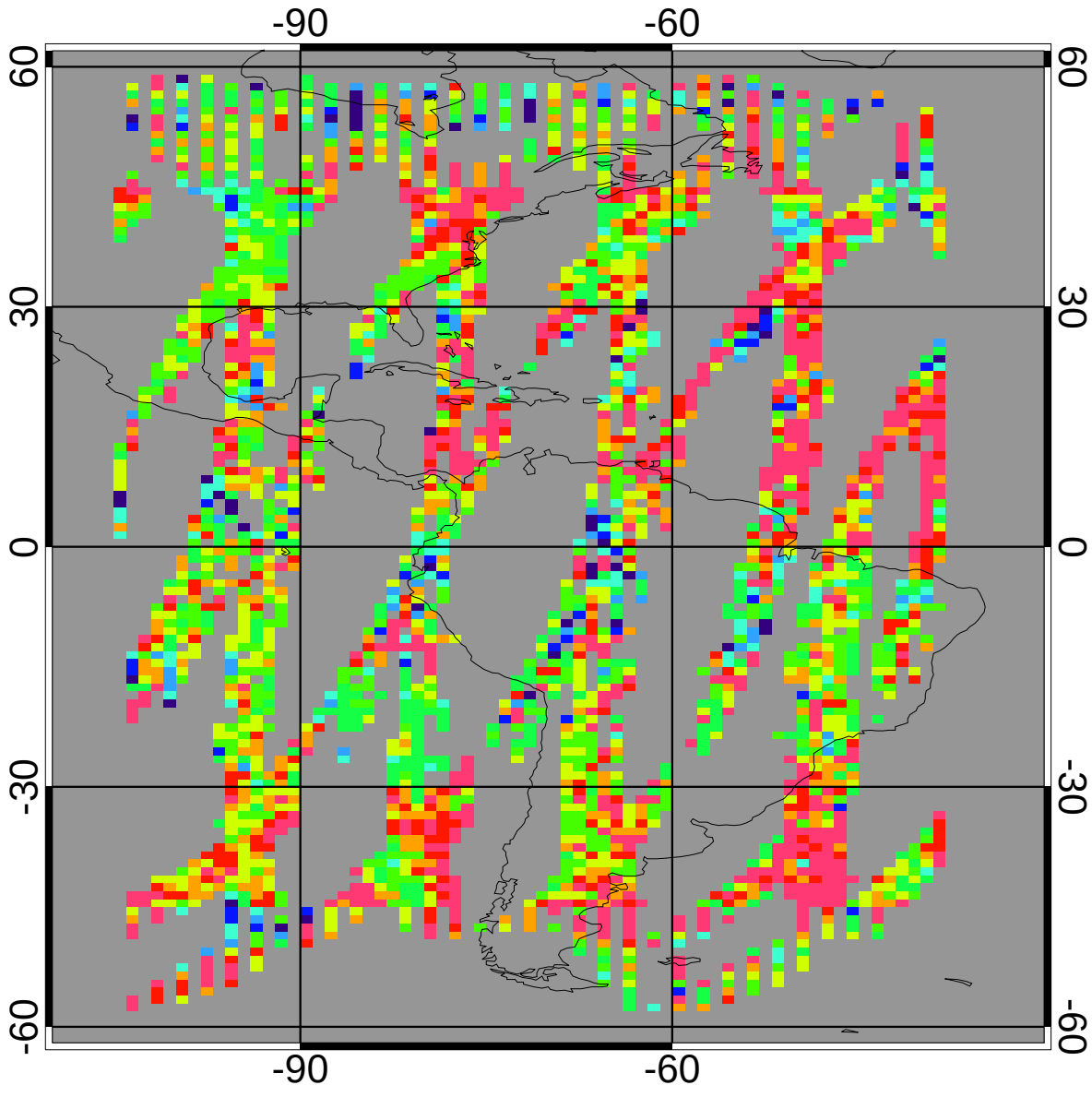
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

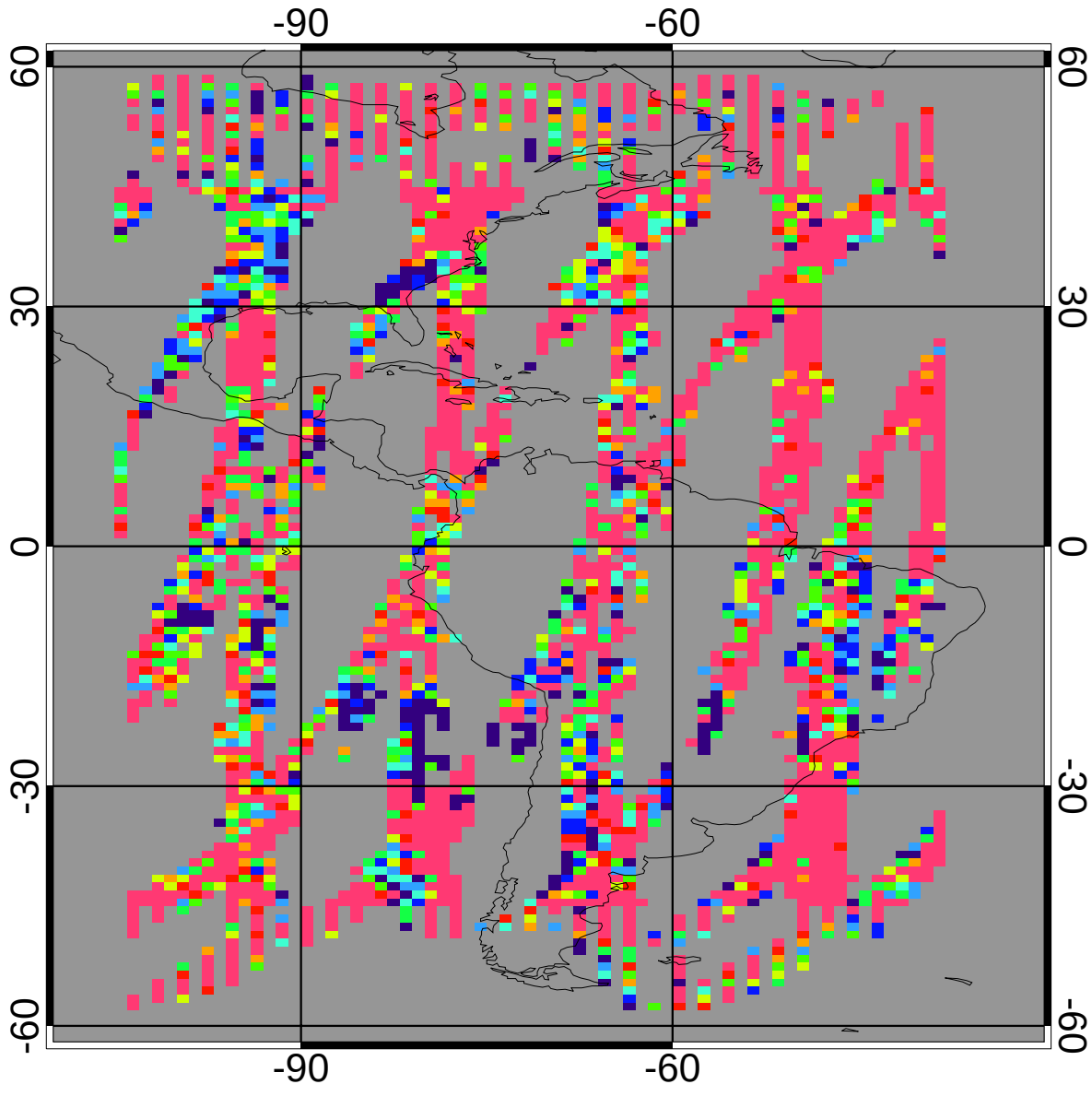
5ch_V01 Jan 2010 (matched angle)



bias	11.45	32.53%
domain sigma	15.12	42.99%

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

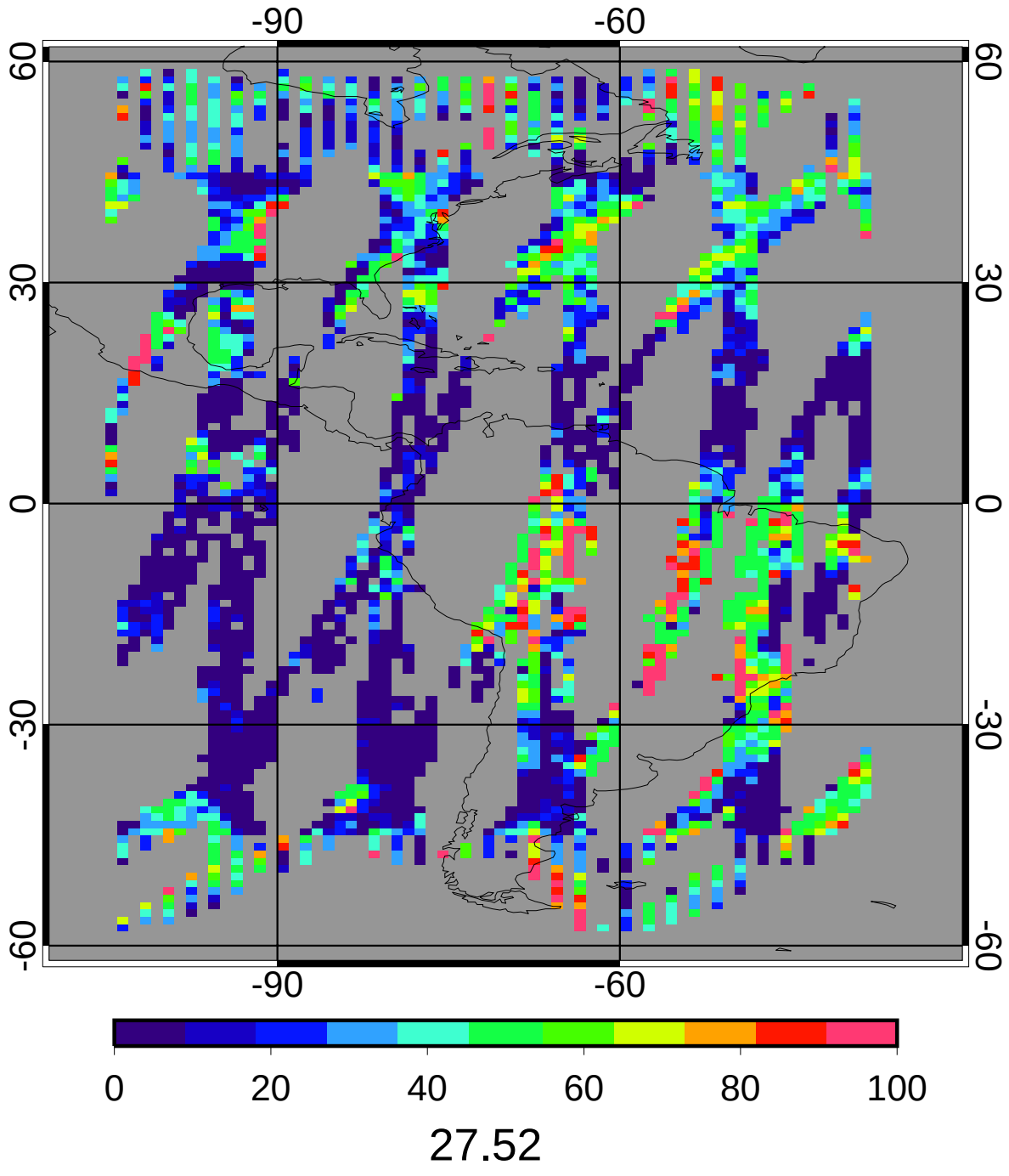
5ch_V01 Jan 2010 (matched angle)



regave rms	20.57	58.47%
domain rms	23.37	66.43%

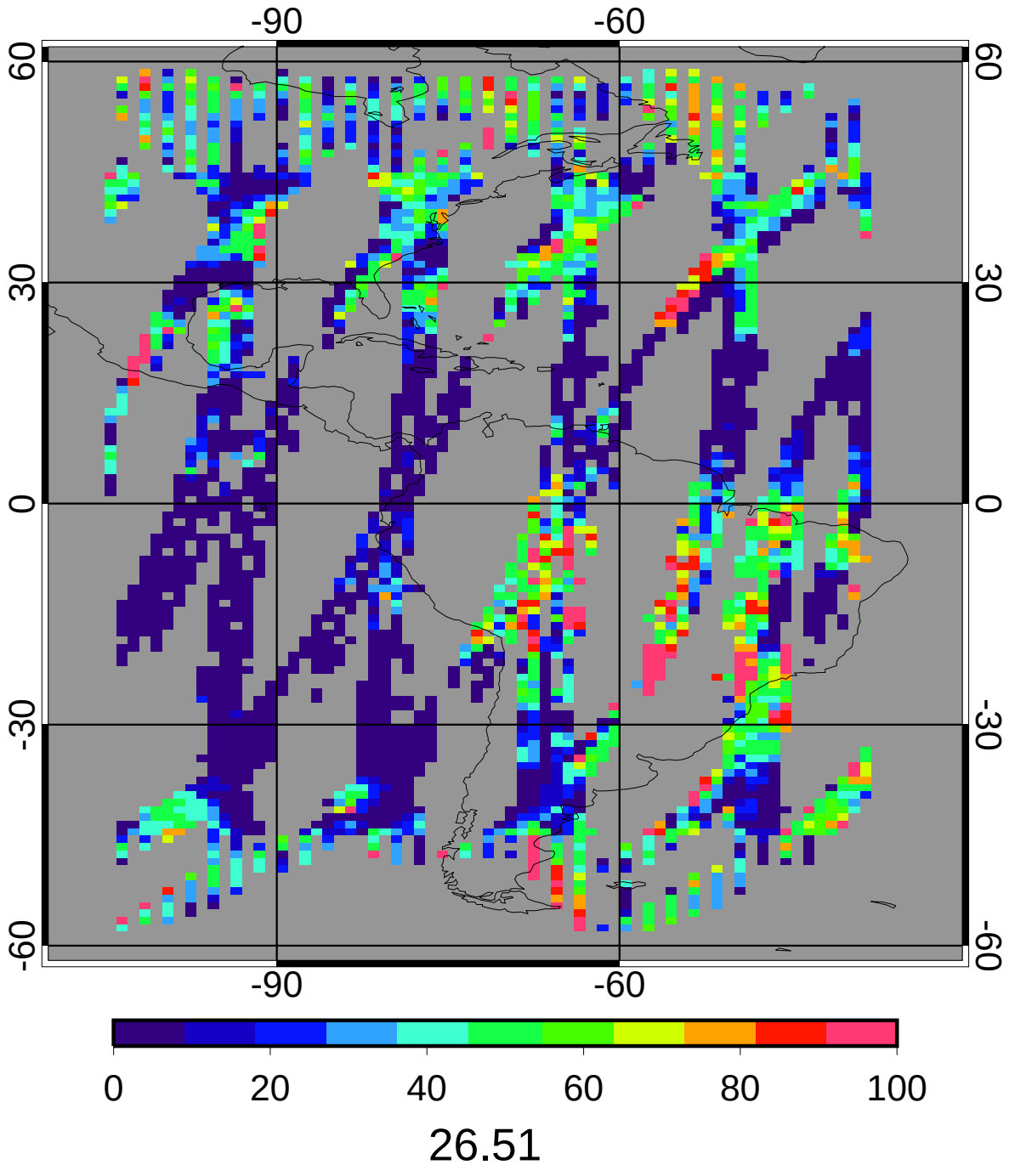
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



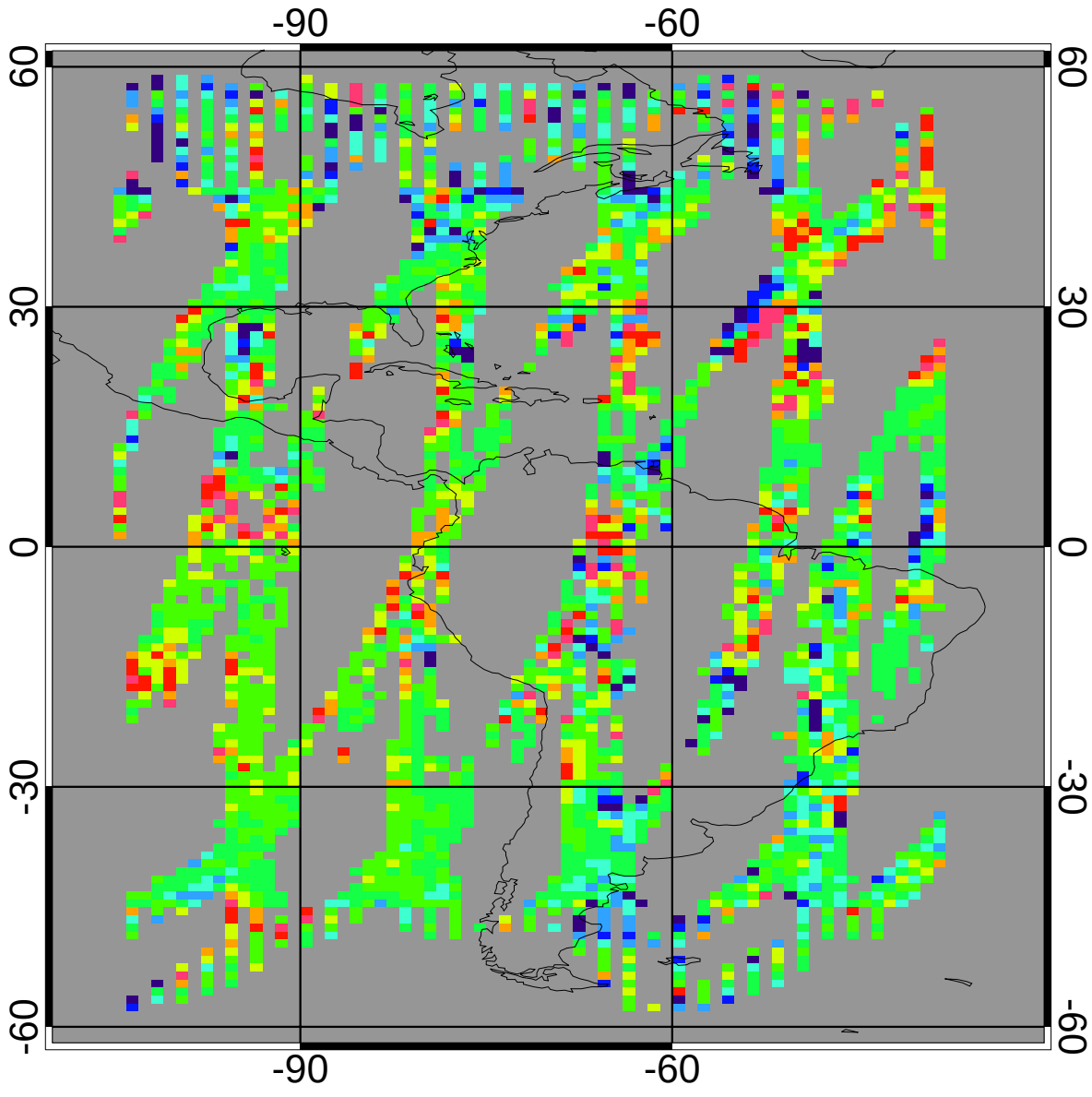
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

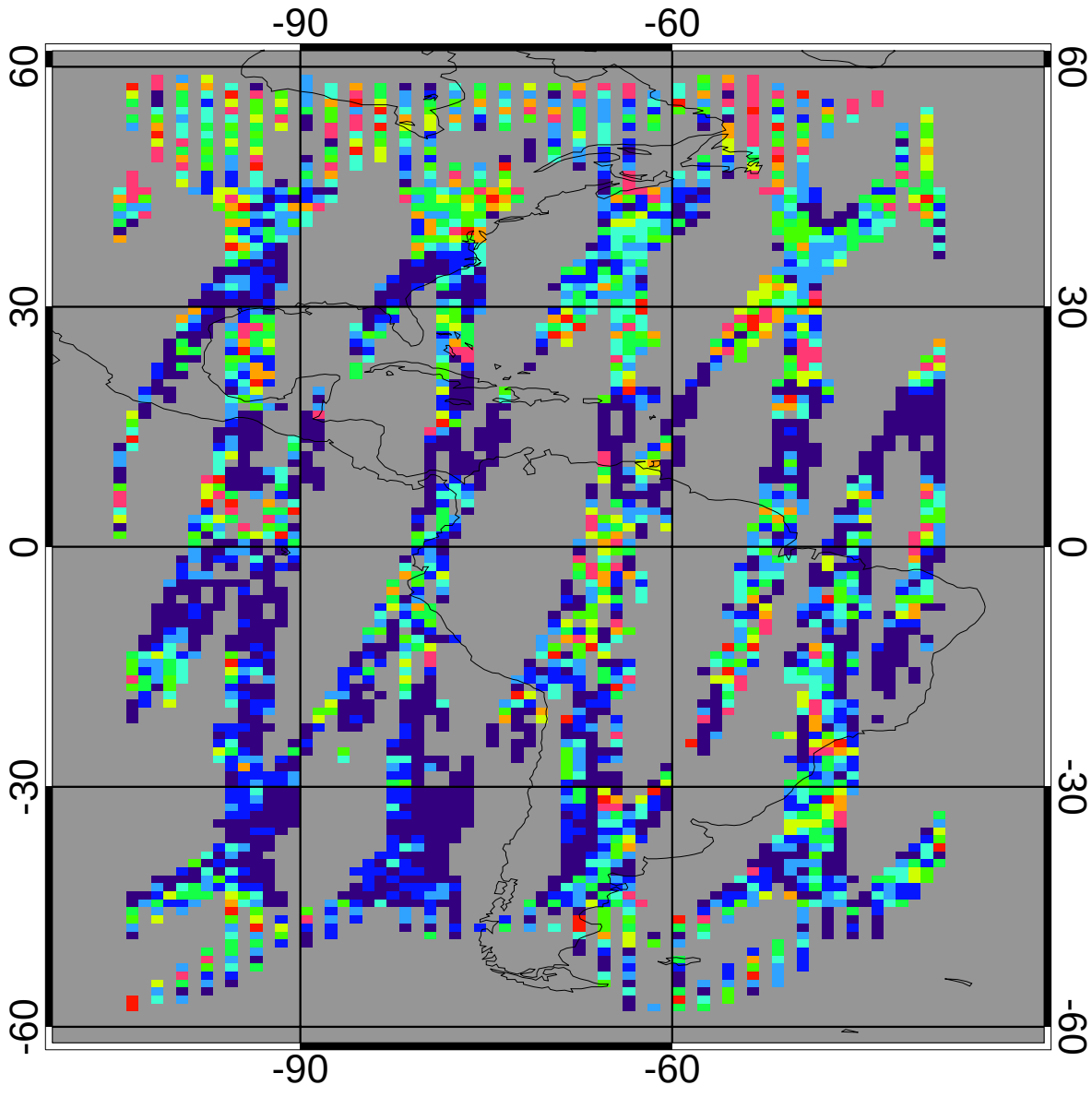
5ch_V01 Jan 2010 (matched angle)



bias	1.02	3.84%
domain sigma	10.54	39.78%

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

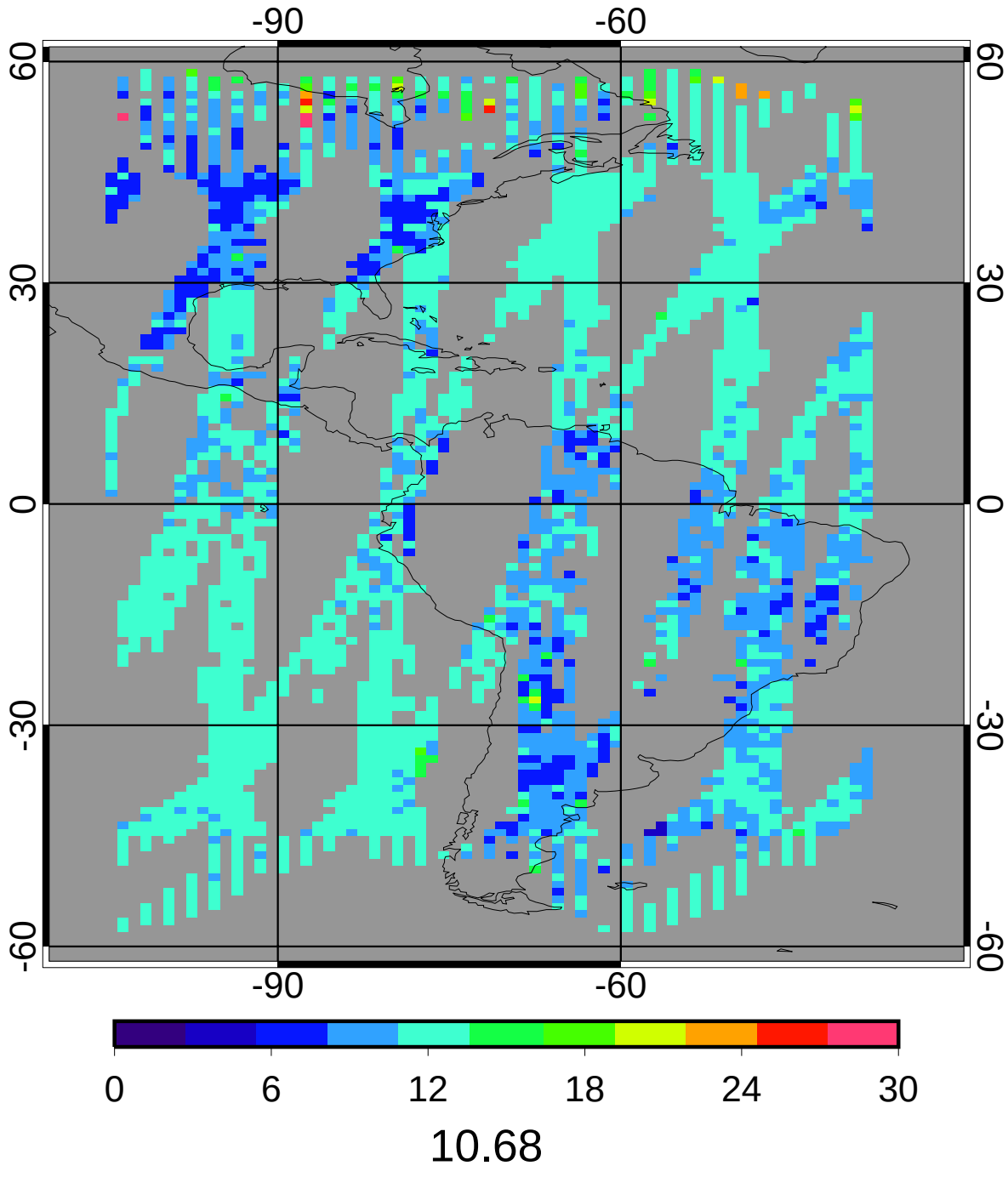
5ch_V01 Jan 2010 (matched angle)



regave rms	11.60	43.76%
domain rms	15.32	57.80%

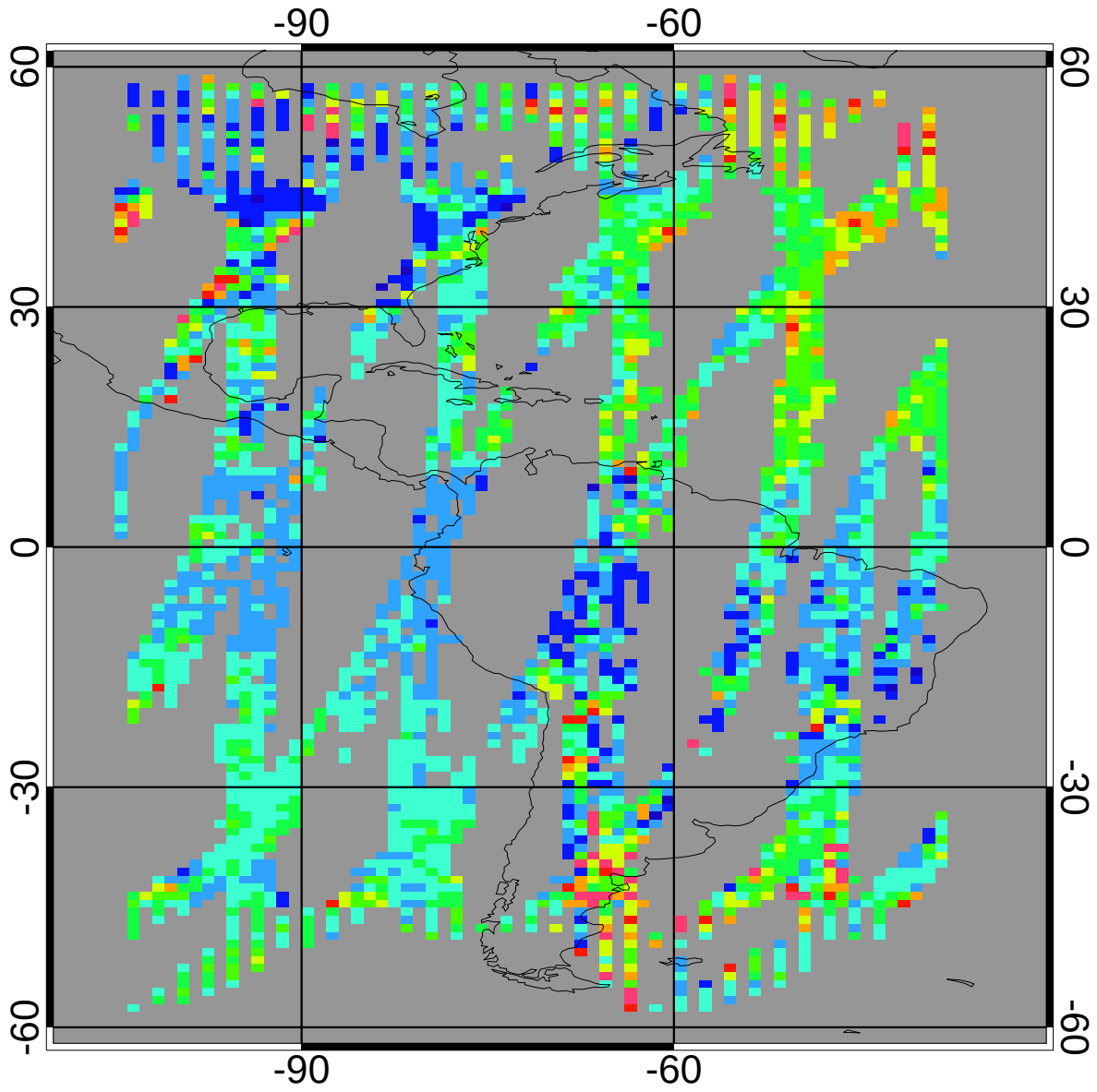
GGEO MEAN Nighttime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

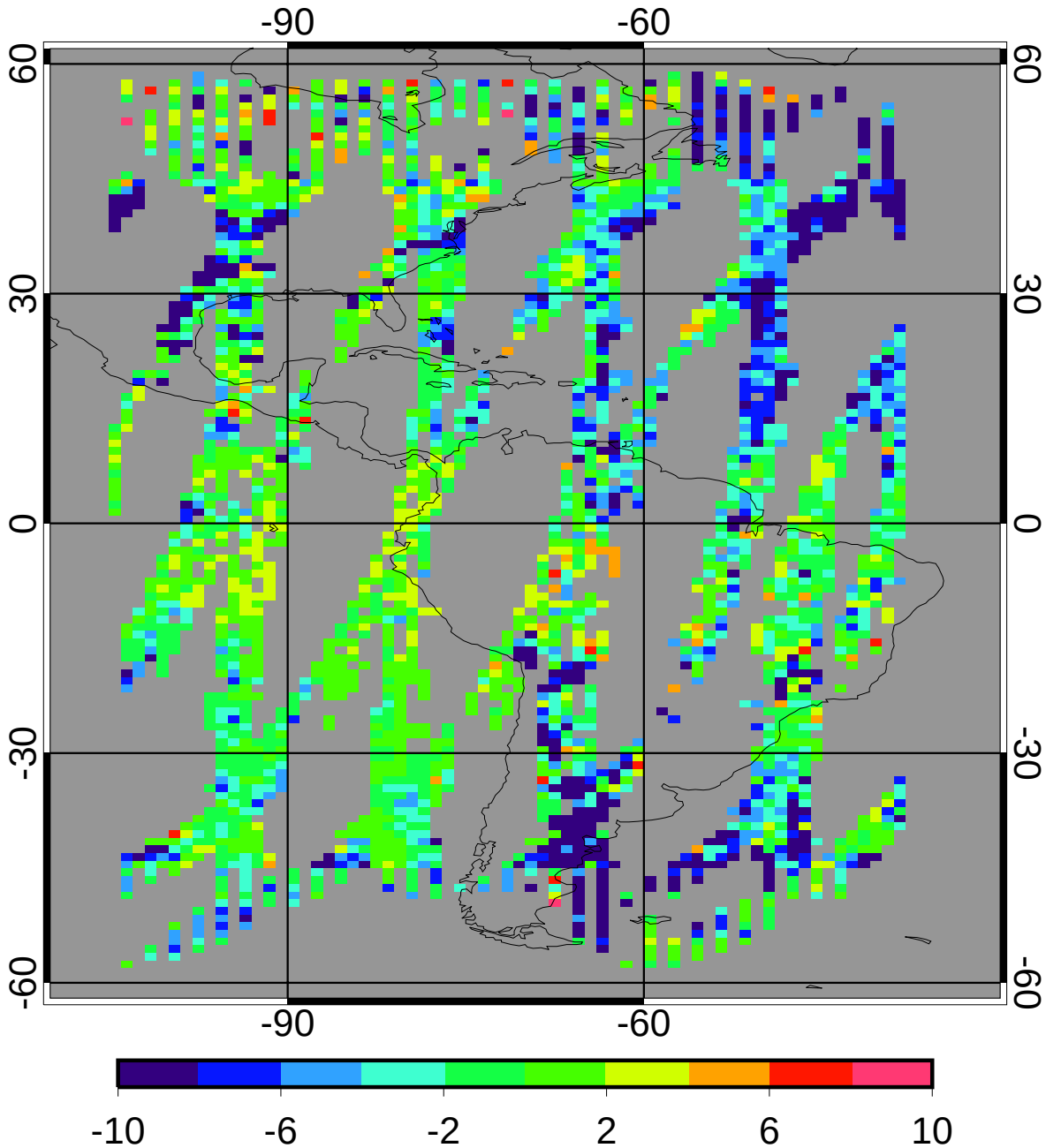
5ch_V01 Jan 2010 (matched angle)



13.12

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

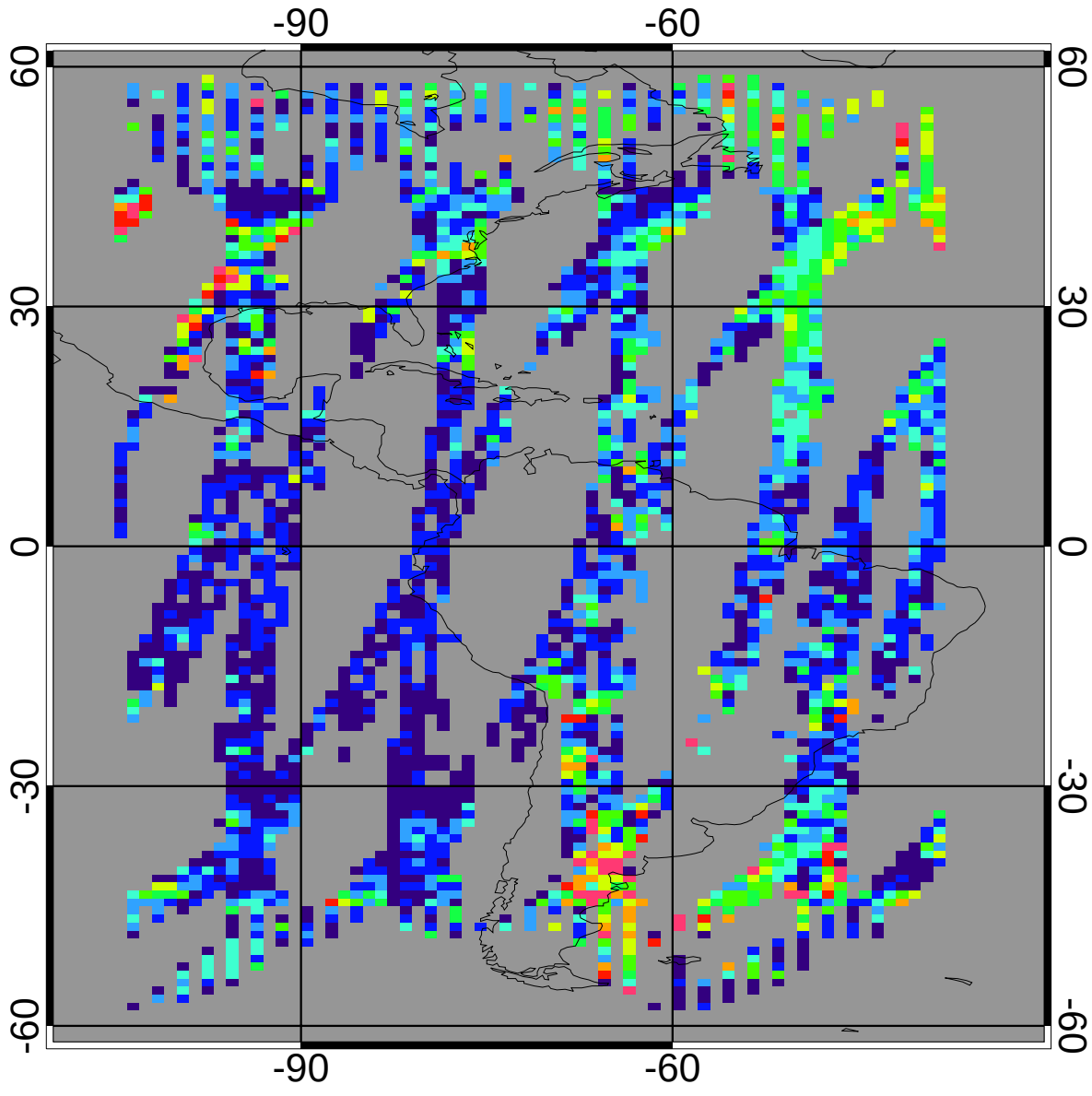
5ch_V01 Jan 2010 (matched angle)



bias	-2.40	-18.29%
domain sigma	3.84	29.29%

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

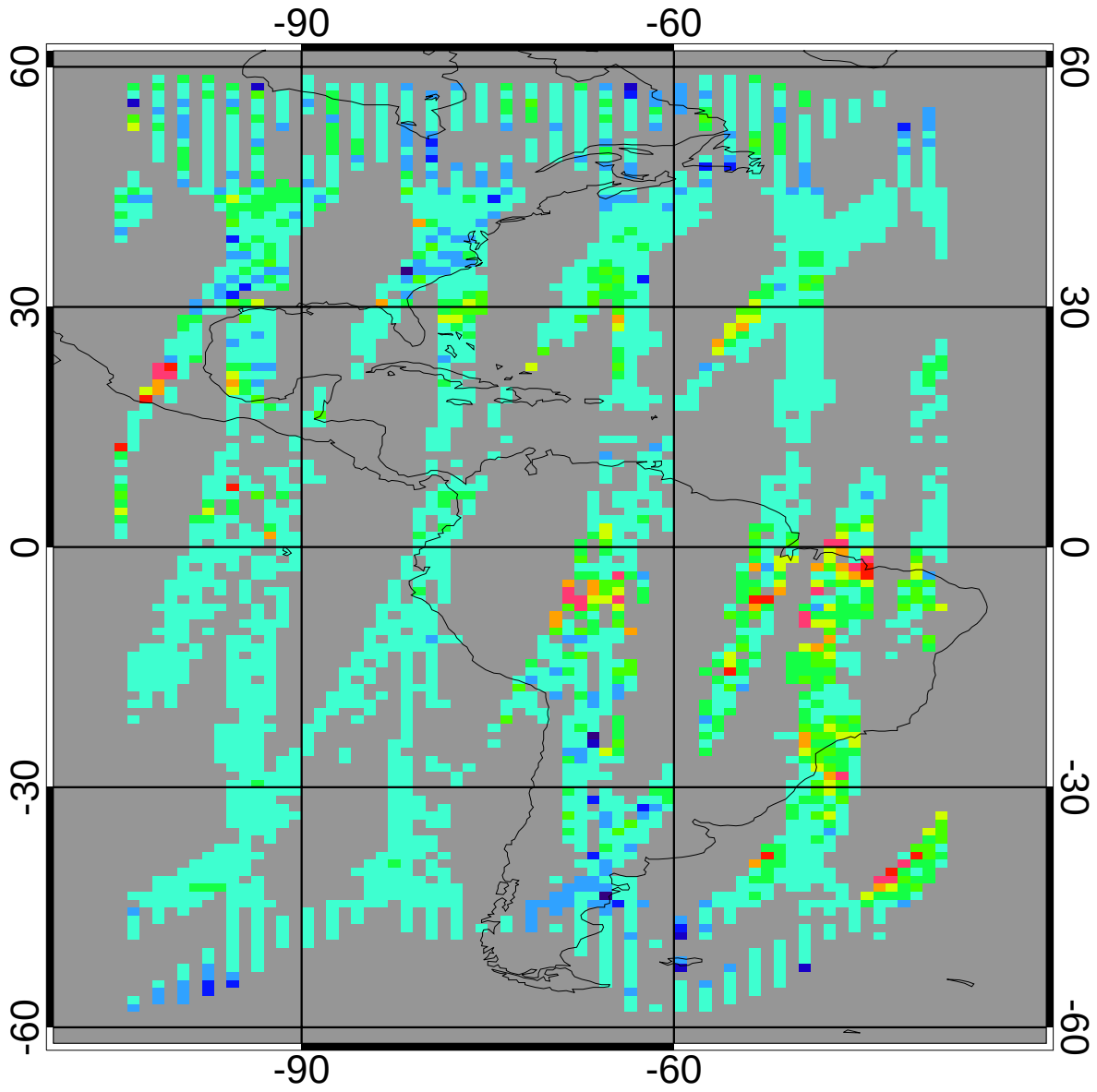
5ch_V01 Jan 2010 (matched angle)



regave rms	4.48	34.18%
domain rms	5.65	43.07%

GGEO MEAN Nighttime Ice Particle Size (microns)

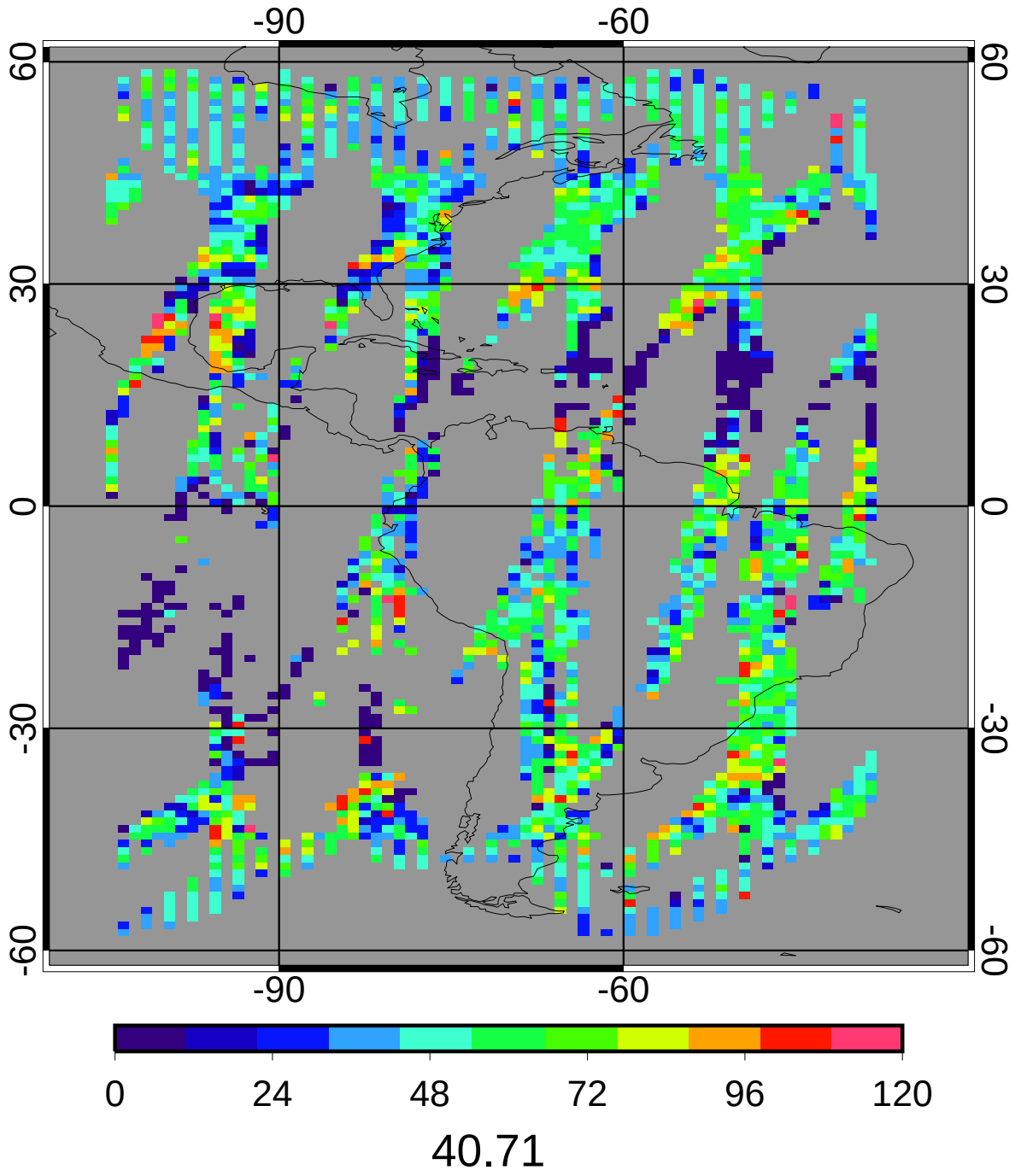
5ch_V01 Jan 2010 (matched angle)



47.15

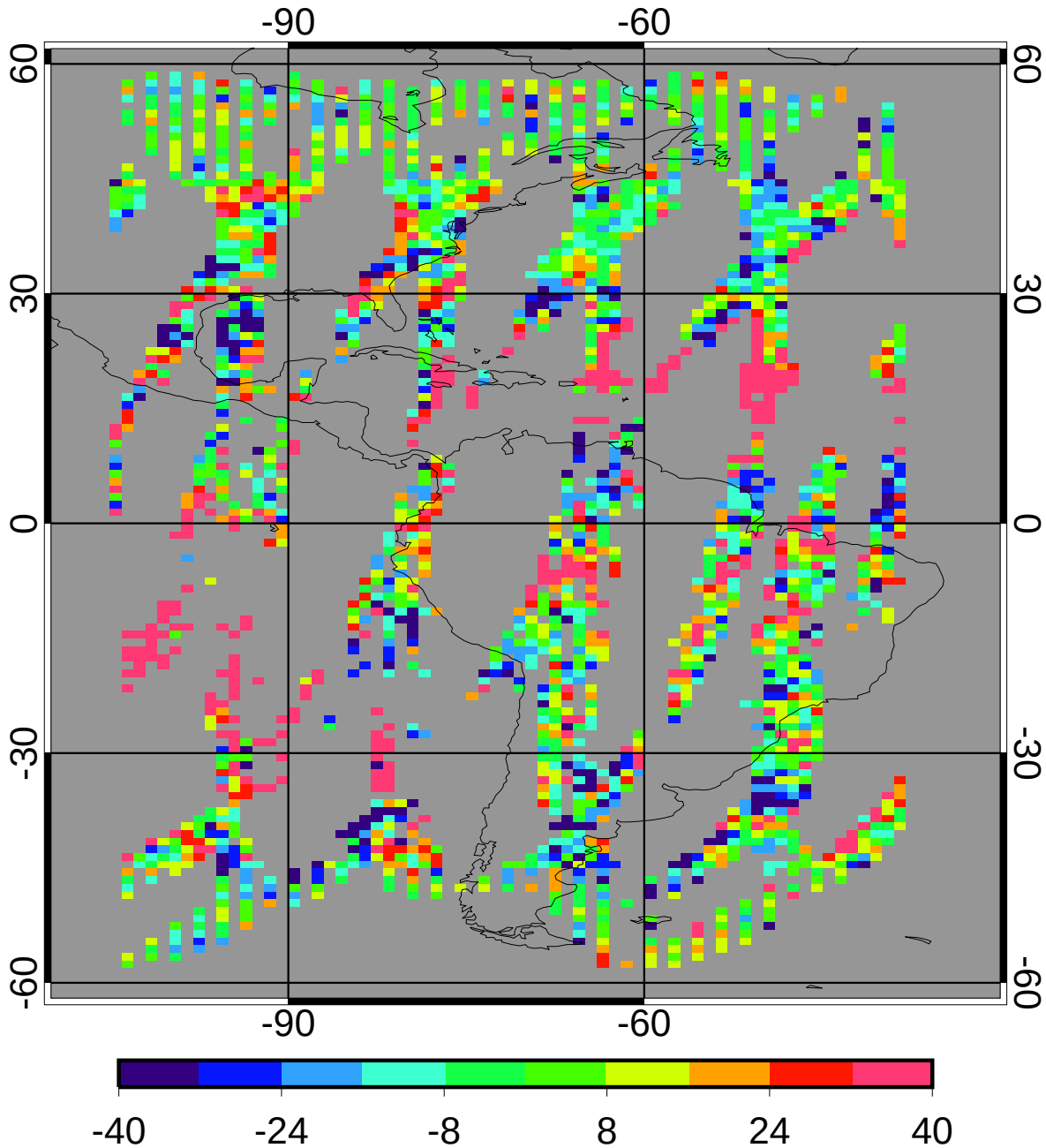
CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



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

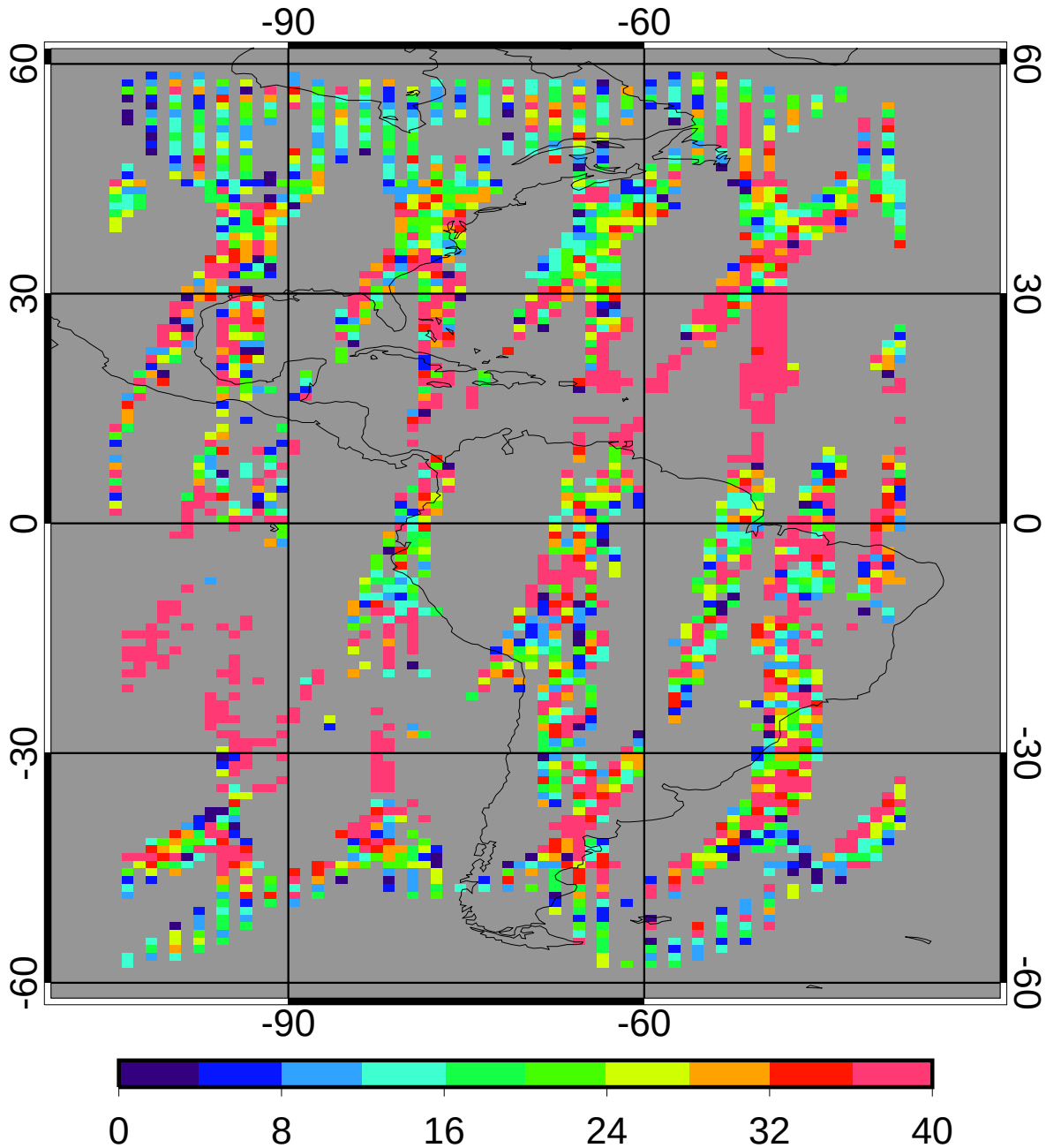
5ch_V01 Jan 2010 (matched angle)



bias	3.73	9.17%
domain sigma	23.69	58.19%

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

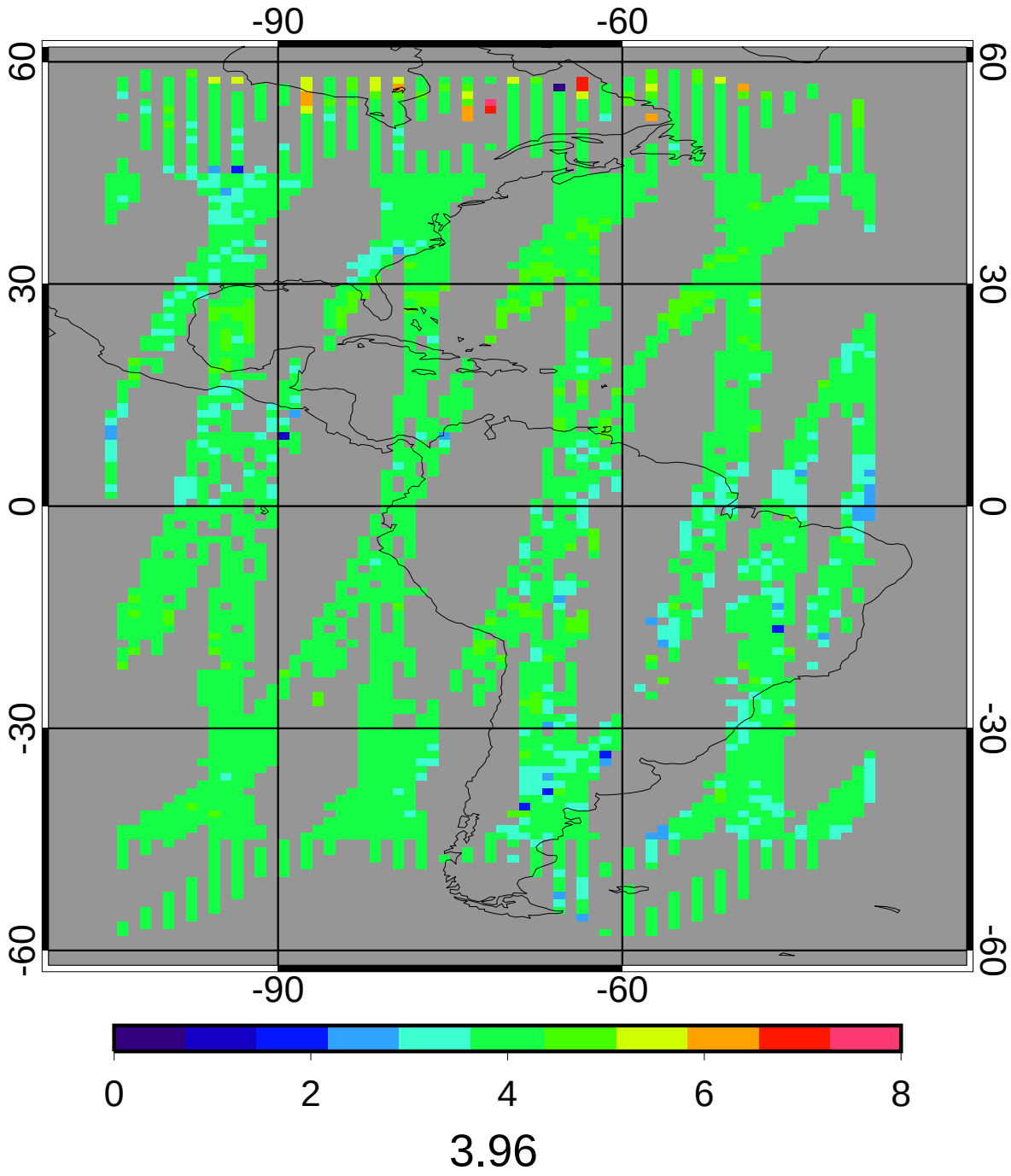
5ch_V01 Jan 2010 (matched angle)



regave rms	22.15	54.42%
domain rms	27.90	68.53%

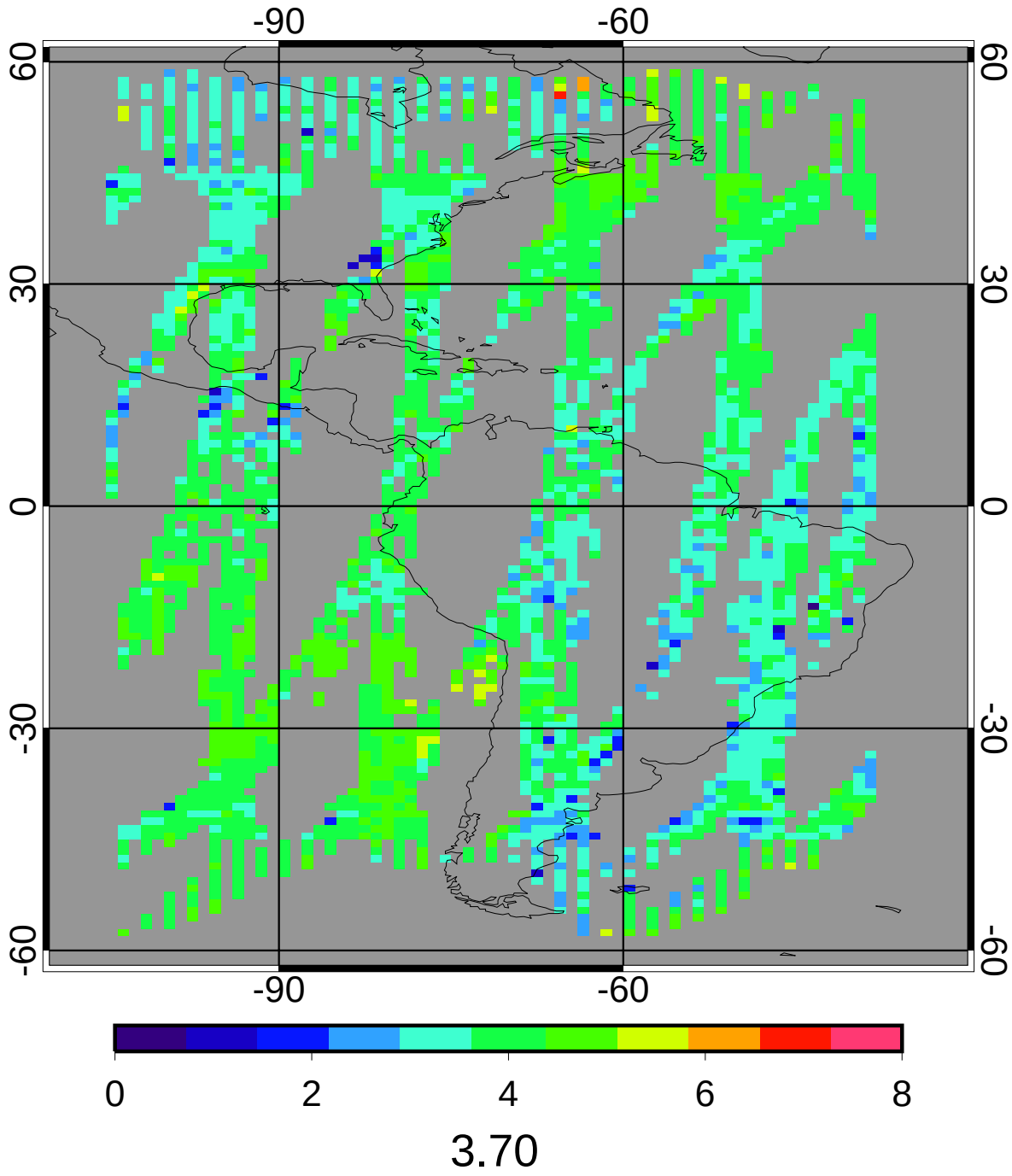
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



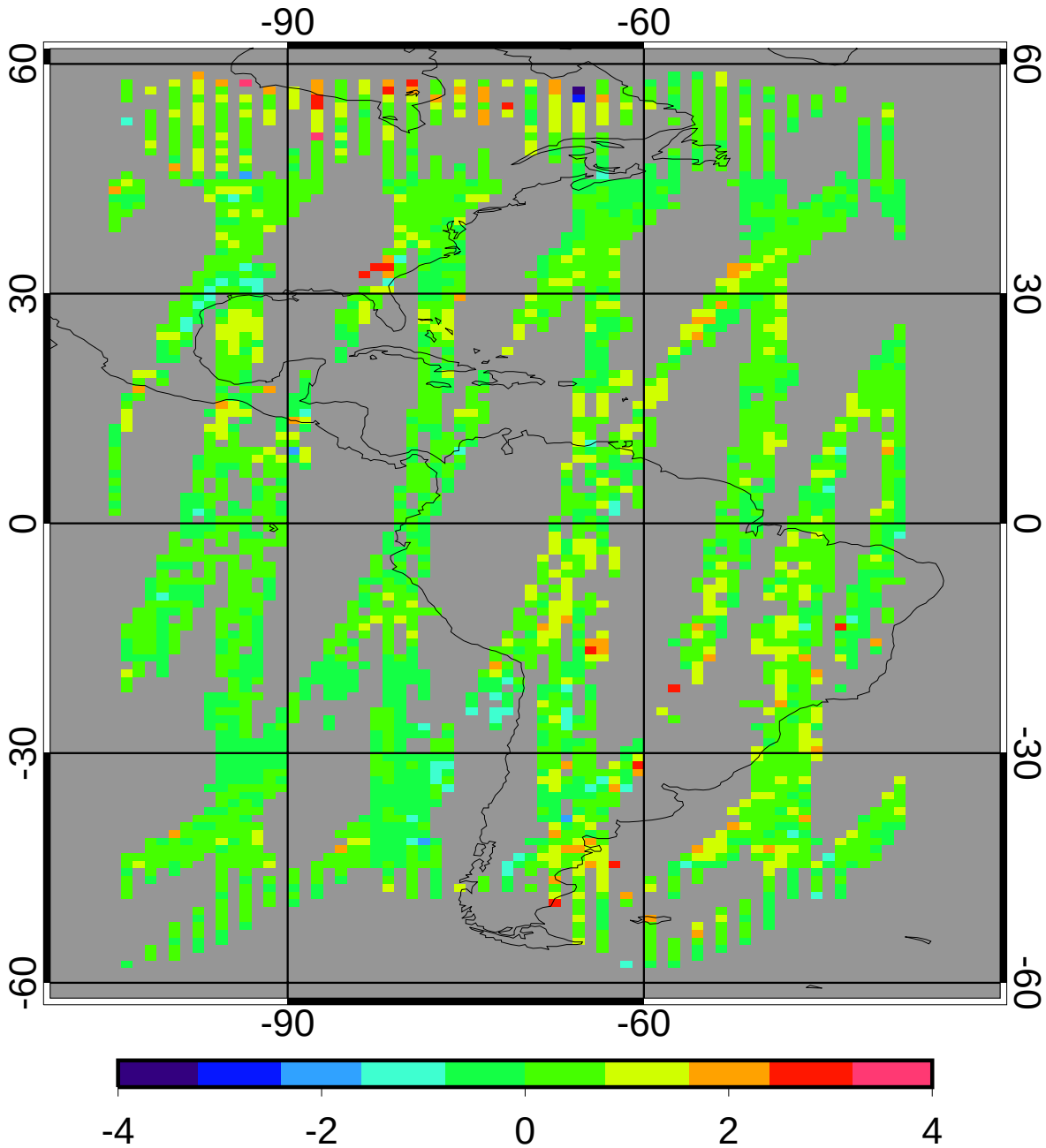
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

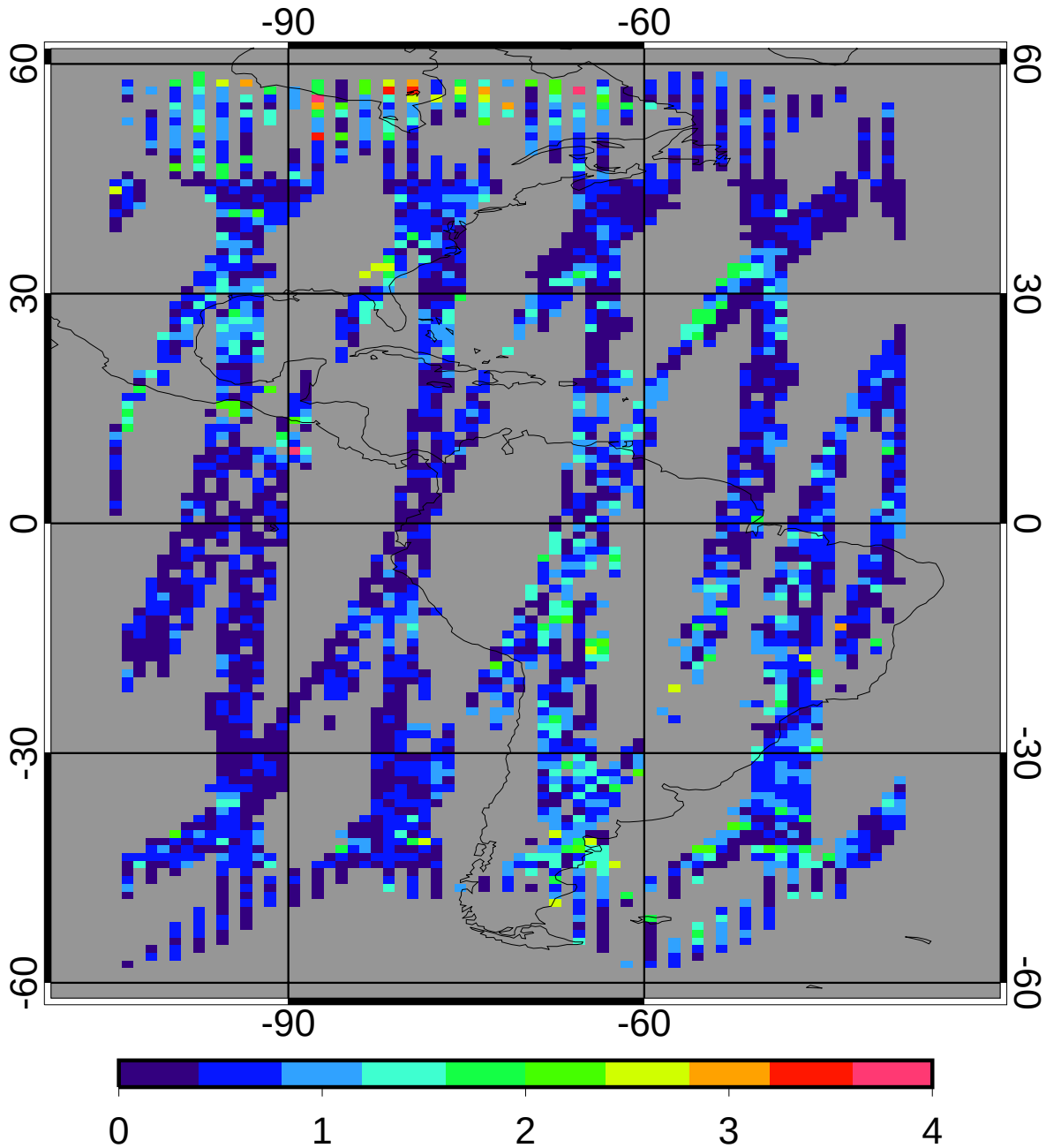
5ch_V01 Jan 2010 (matched angle)



bias	0.26	7.01%
domain sigma	0.49	13.23%

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

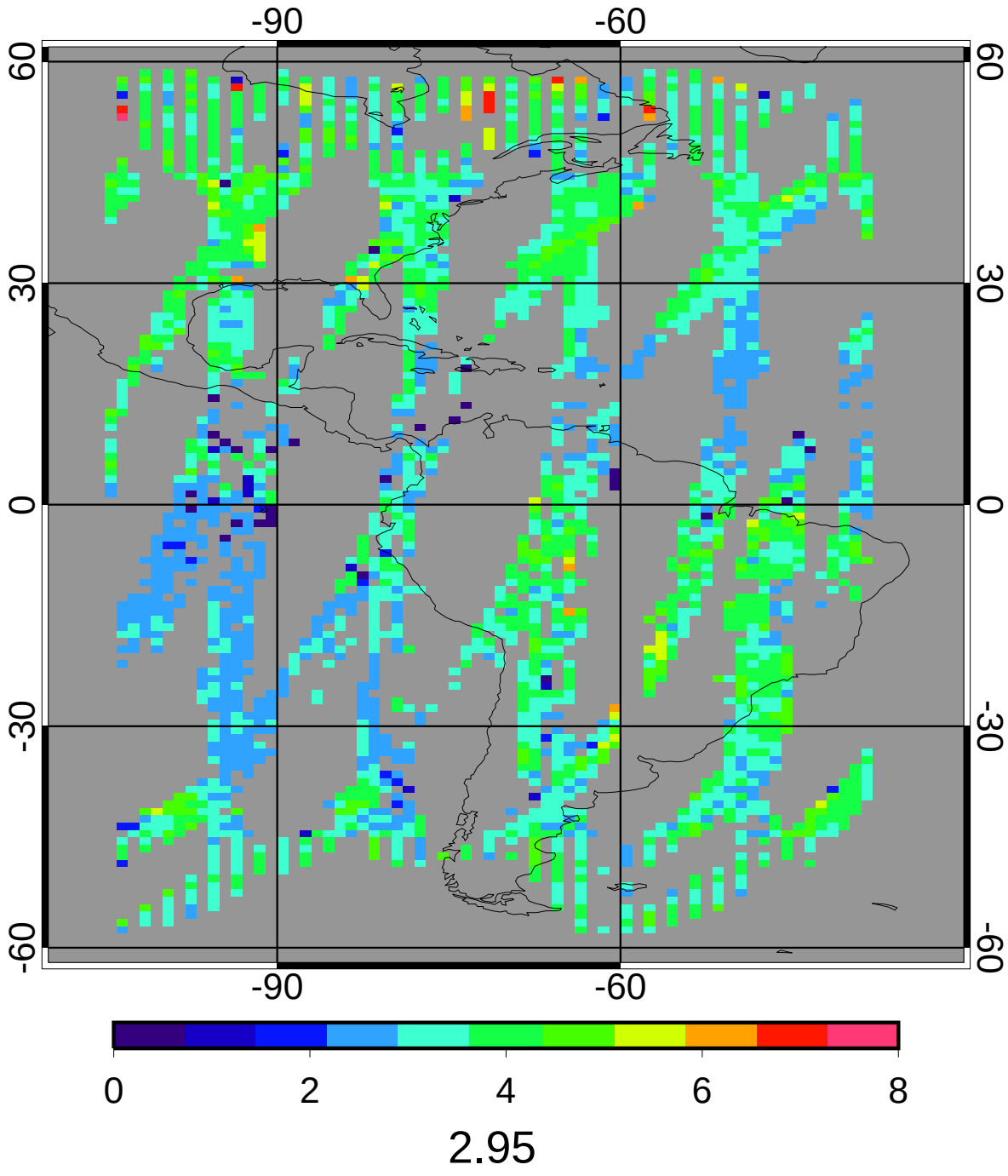
5ch_V01 Jan 2010 (matched angle)



regave rms	0.58	15.75%
domain rms	0.71	19.06%

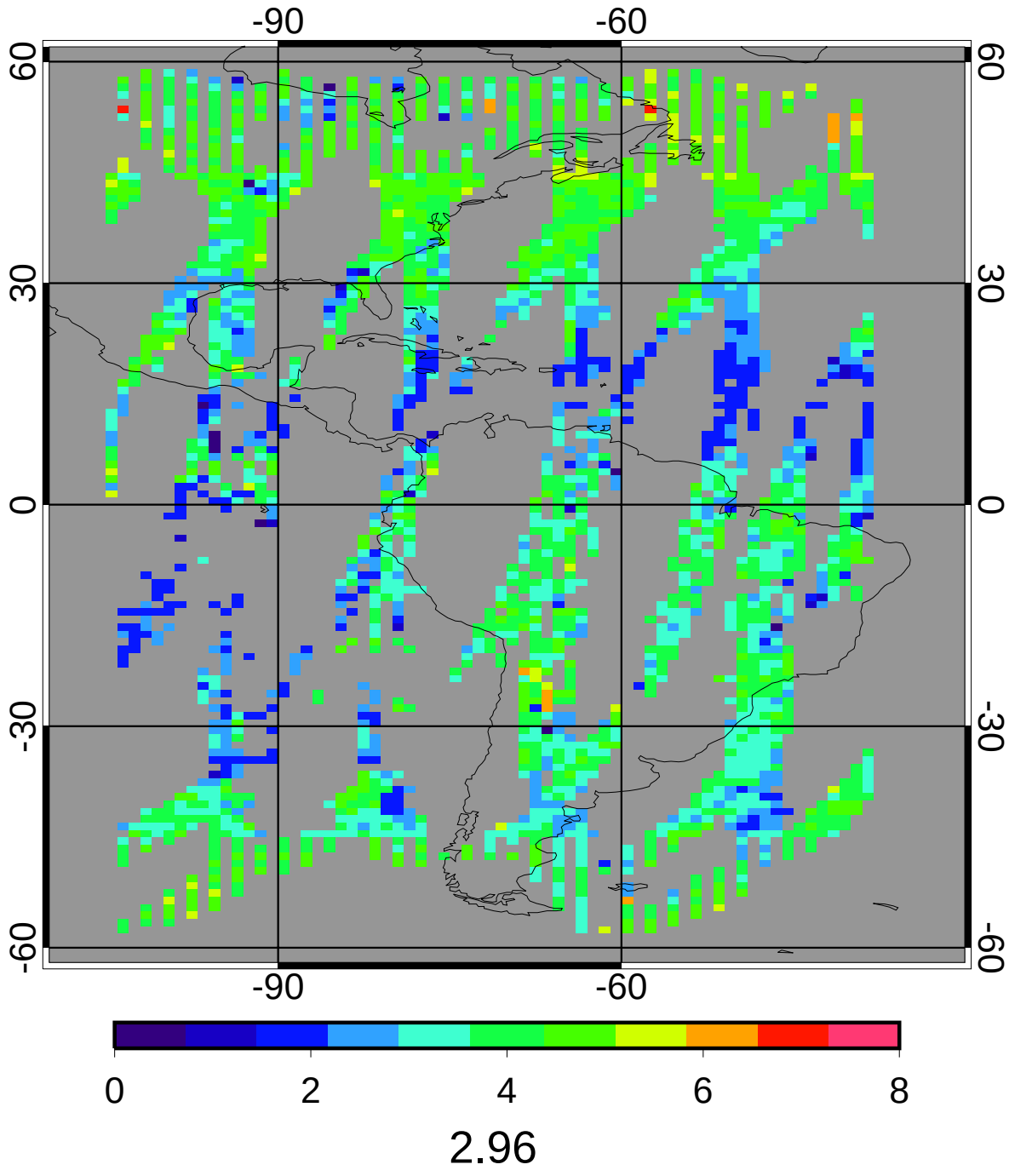
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



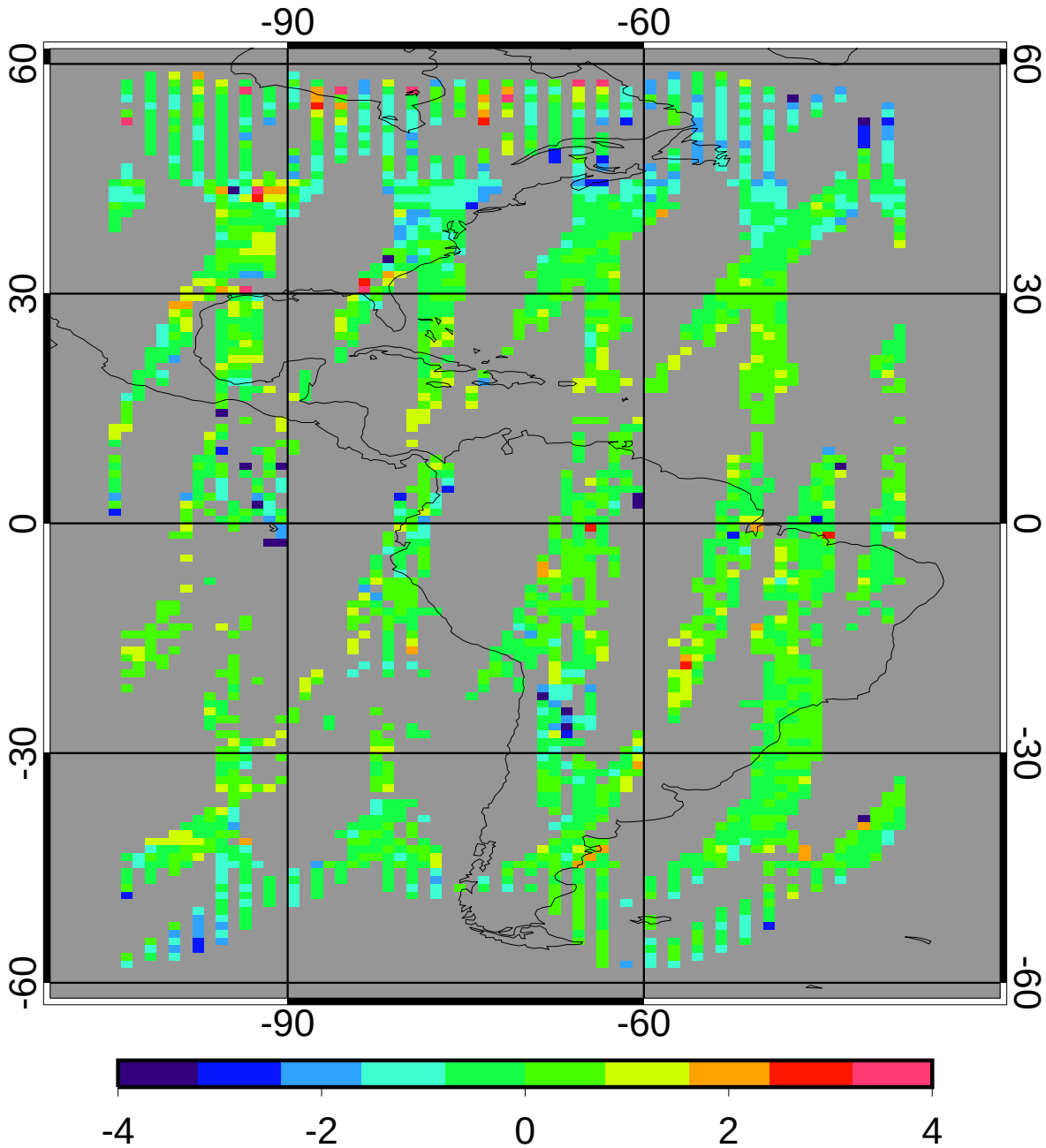
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

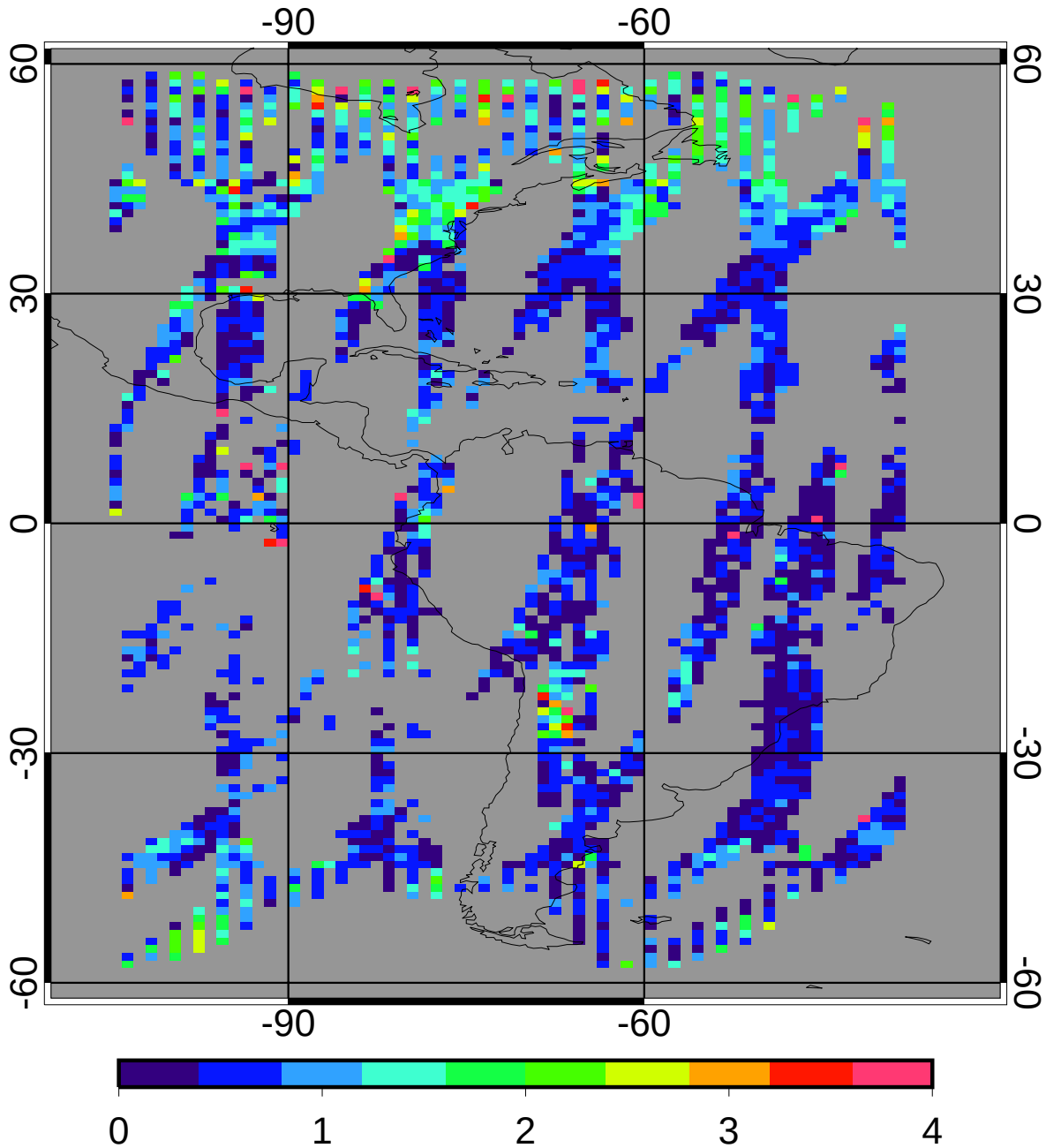
5ch_V01 Jan 2010 (matched angle)



bias	-0.09	-3.08%
domain sigma	0.72	24.44%

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

5ch_V01 Jan 2010 (matched angle)



regave rms	0.58	19.64%
domain rms	0.94	31.64%