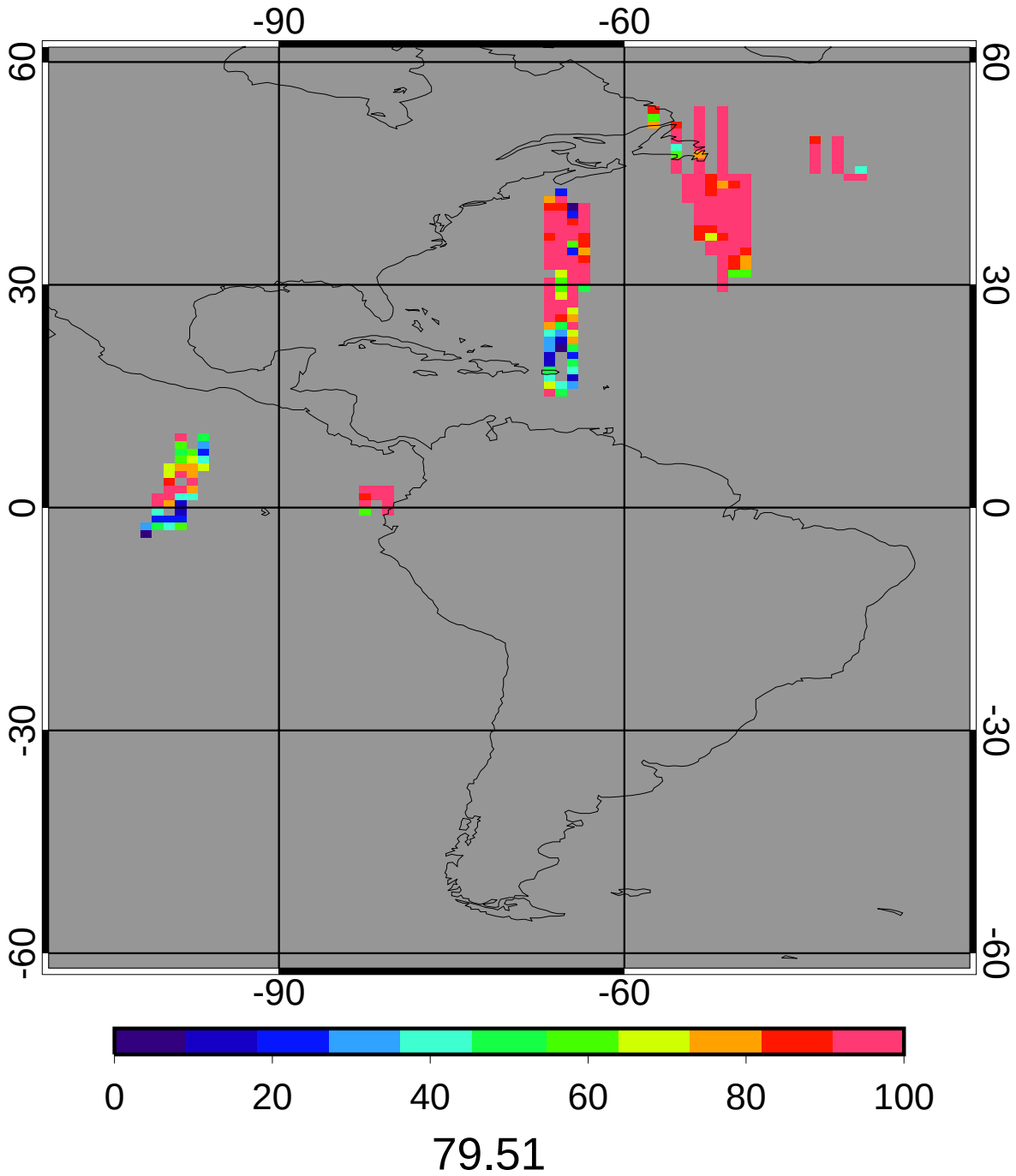
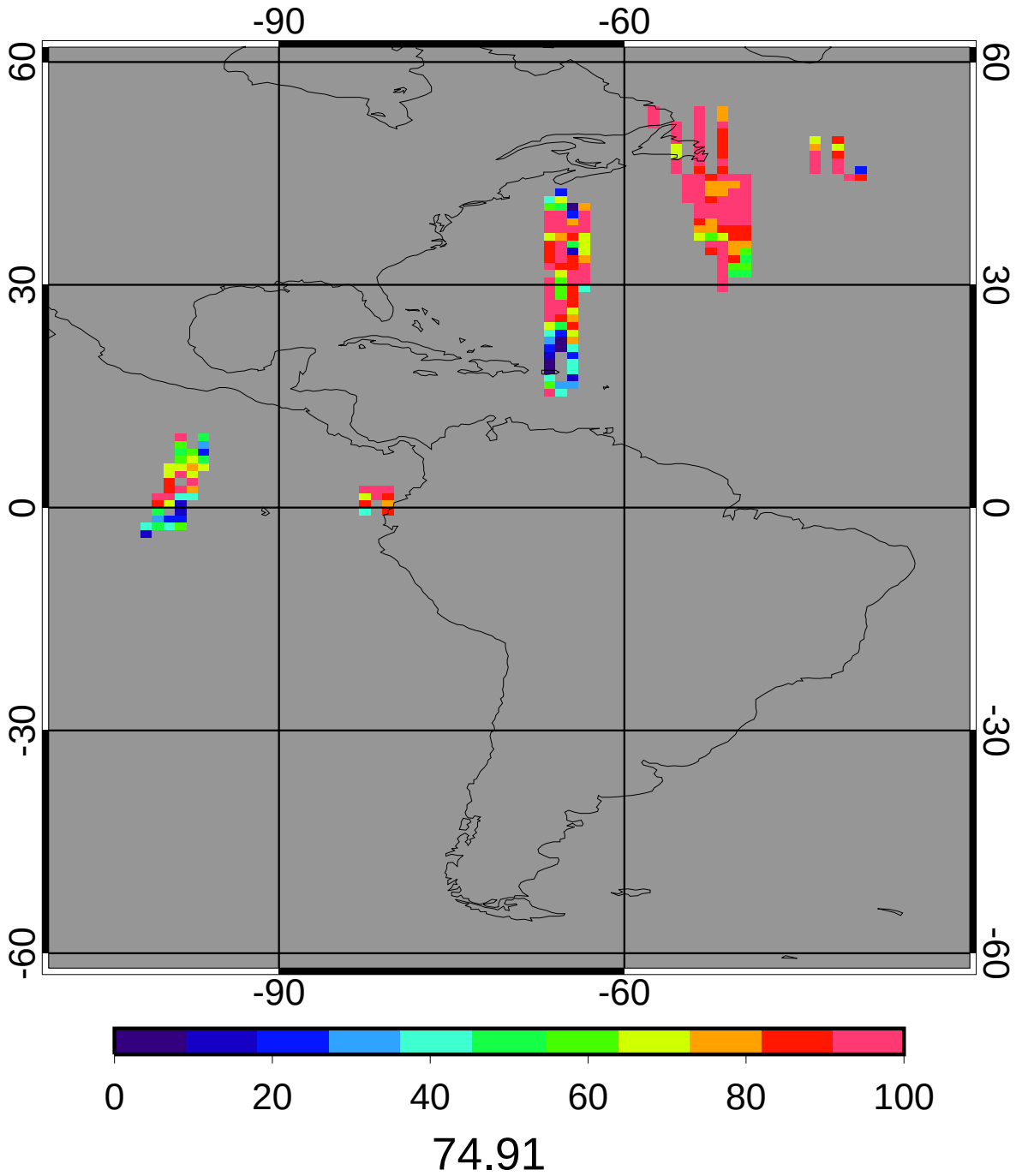
GGEO MEAN Daytime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



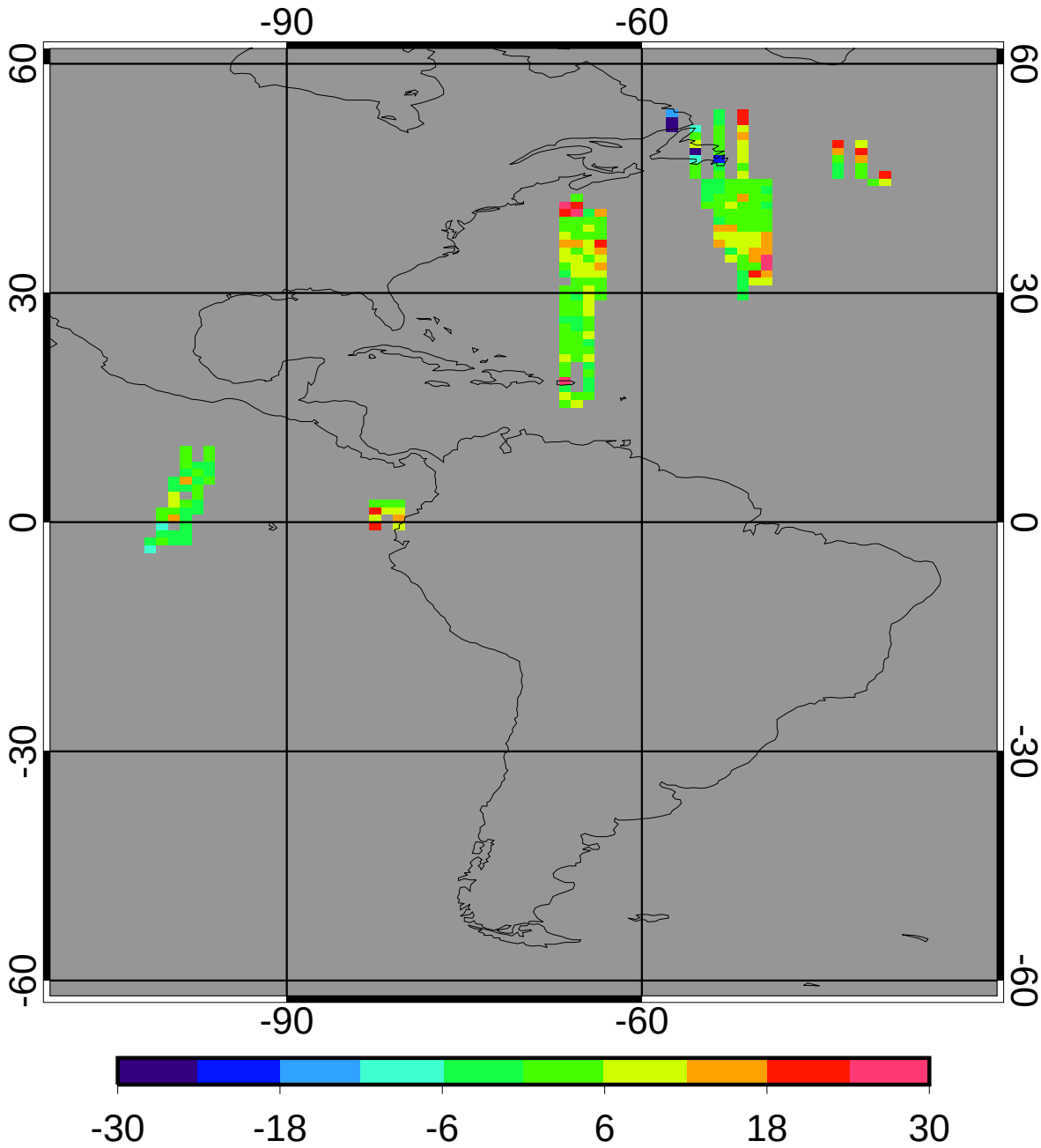
CERES/Terra MEAN Daytime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



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

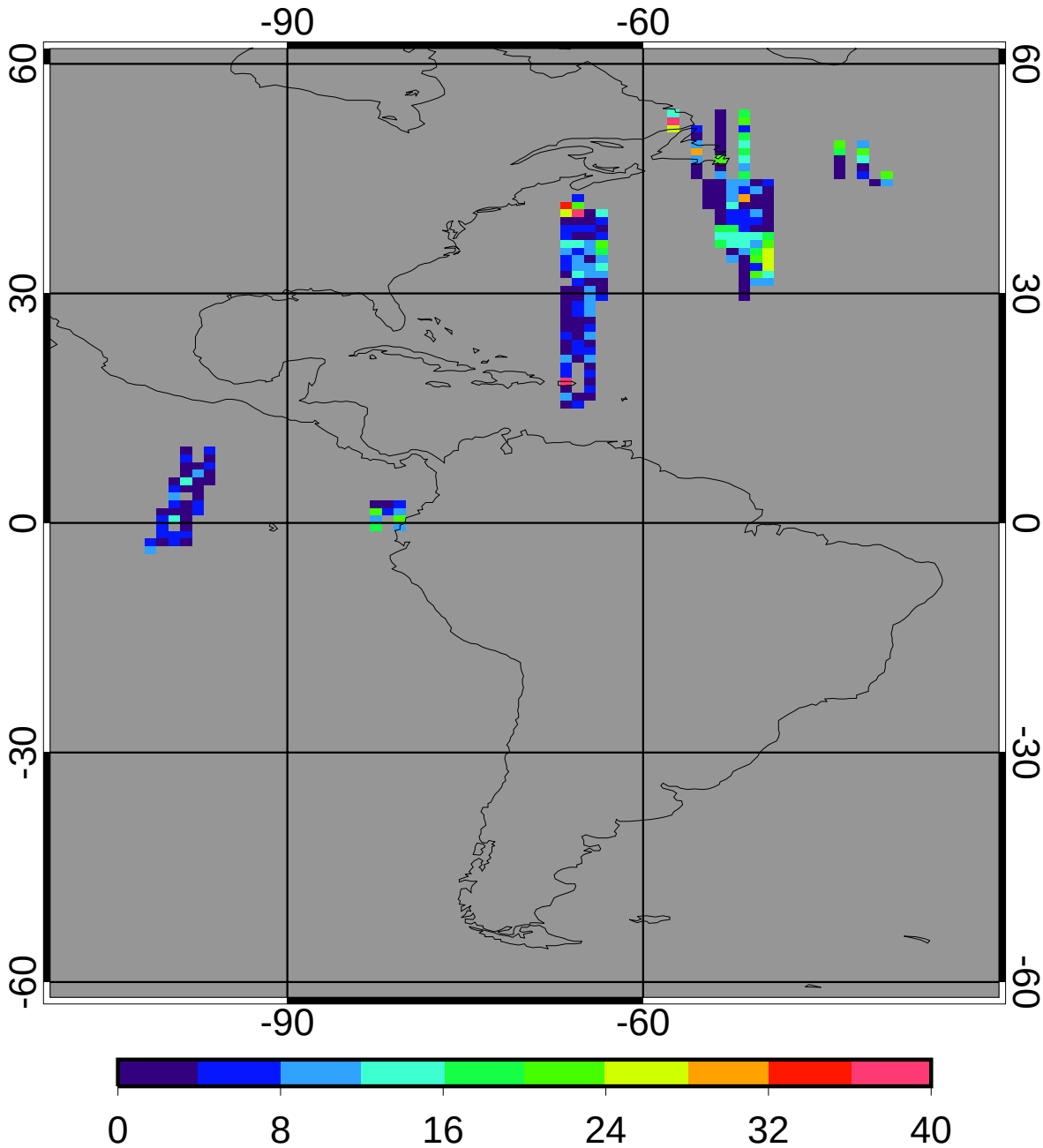
5ch_V01 Jan 2010 (matched angle)



bias	4.60	6.14%
domain sigma	6.76	9.03%

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

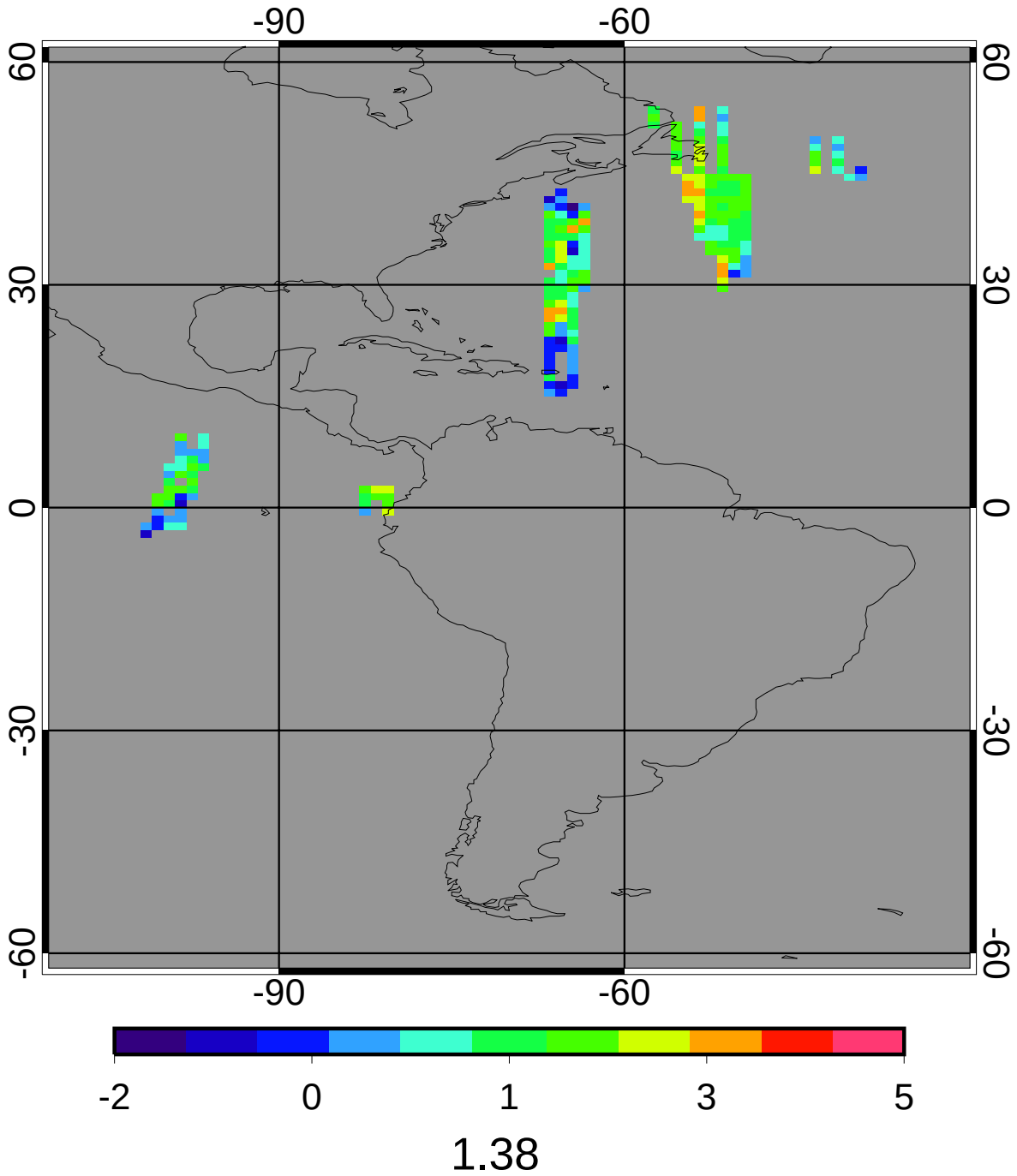
5ch_V01 Jan 2010 (matched angle)



regave rms	7.53	10.06%
domain rms	9.60	12.82%

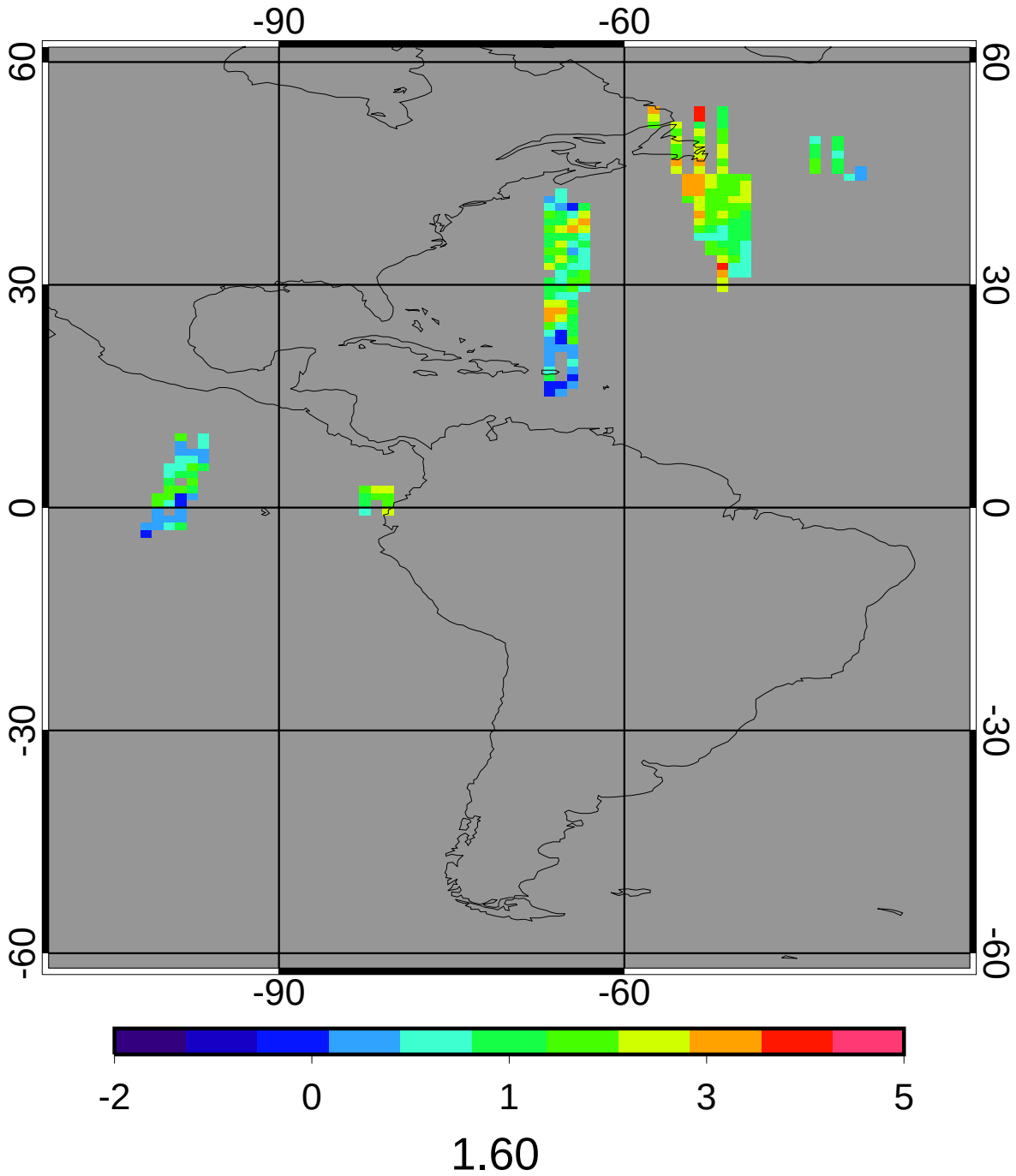
GGEO MEAN Daytime Log Optical Depth

5ch_V01 Jan 2010 (matched angle)



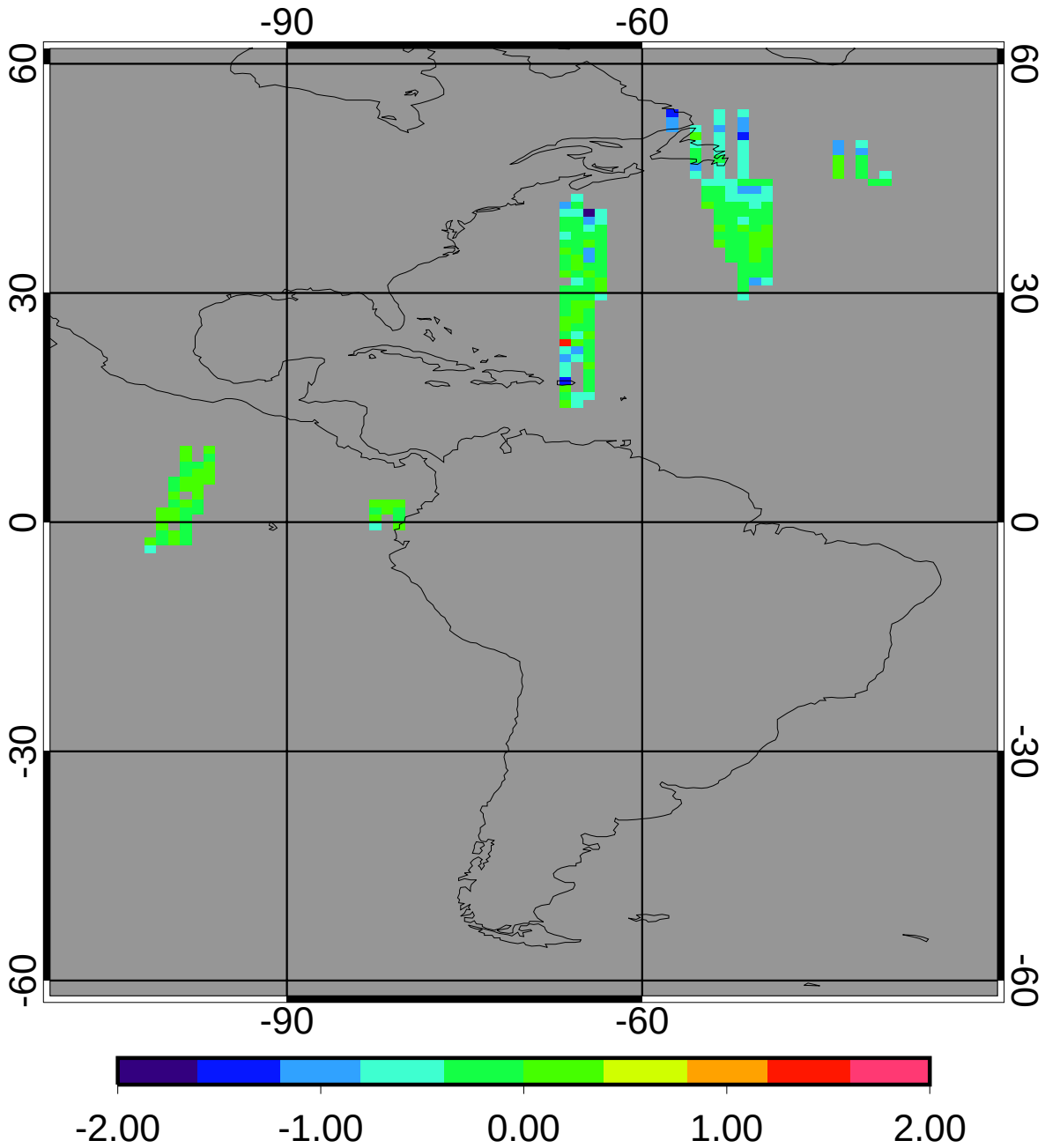
CERES/Terra MEAN Daytime Log Optical Depth

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Terra Daytime Log Optical Depth Bias

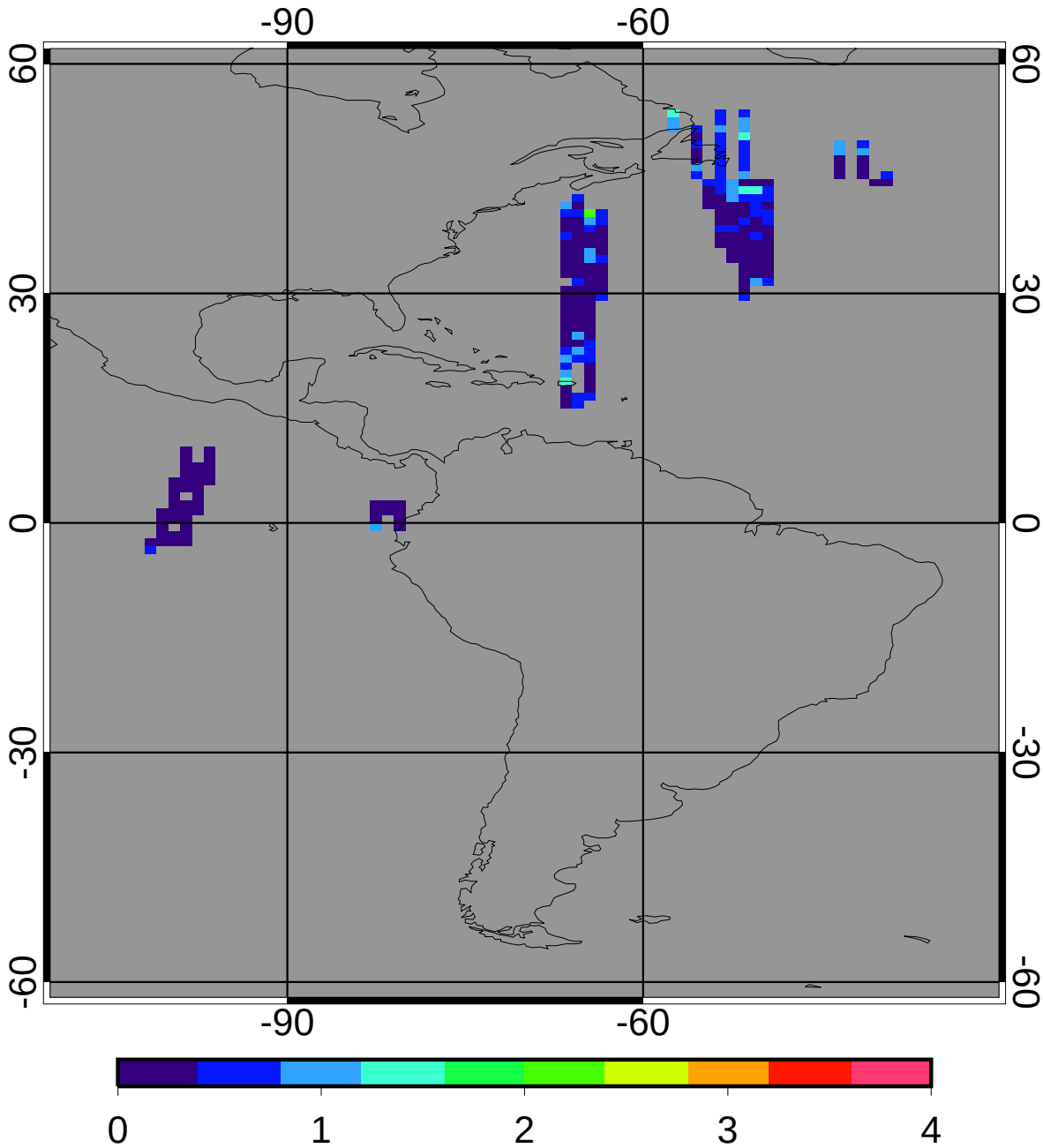
5ch_V01 Jan 2010 (matched angle)



bias	-0.23	-14.14%
domain sigma	0.30	18.56%

GGEO - CERES/Terra Daytime Log Optical Depth RMS

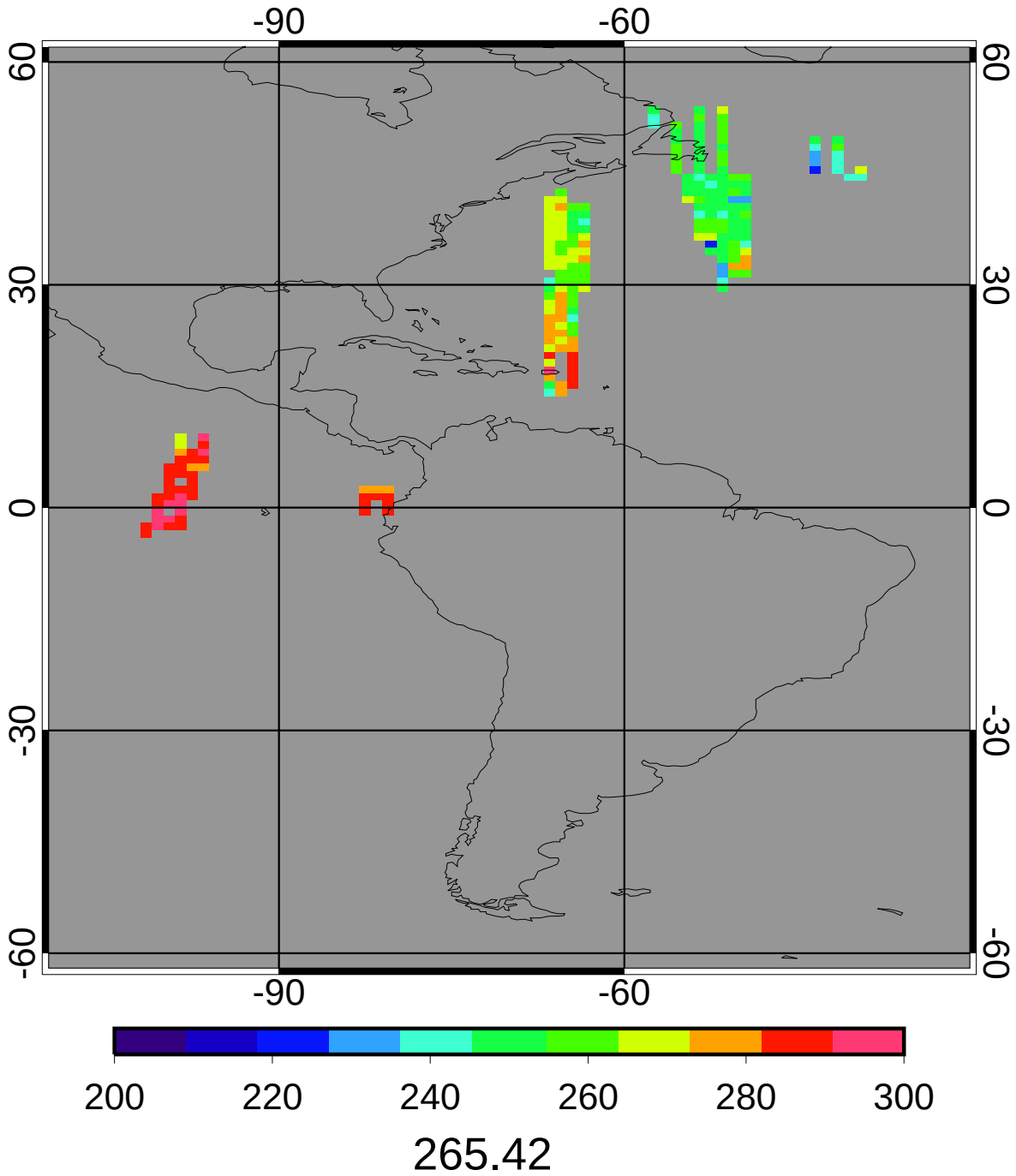
5ch_V01 Jan 2010 (matched angle)



regave rms	0.36	22.21%
domain rms	0.45	27.89%

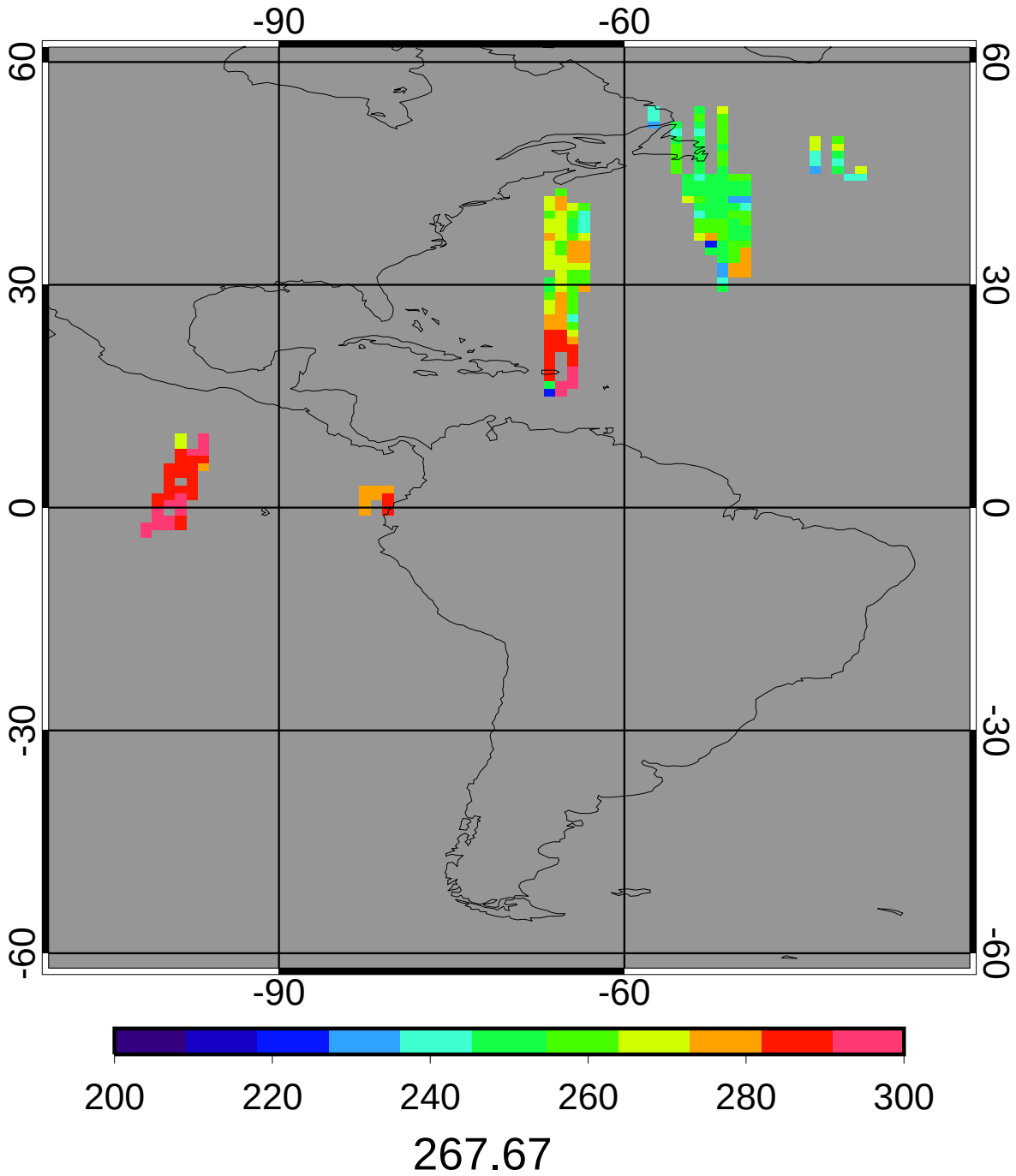
GGEO MEAN Daytime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



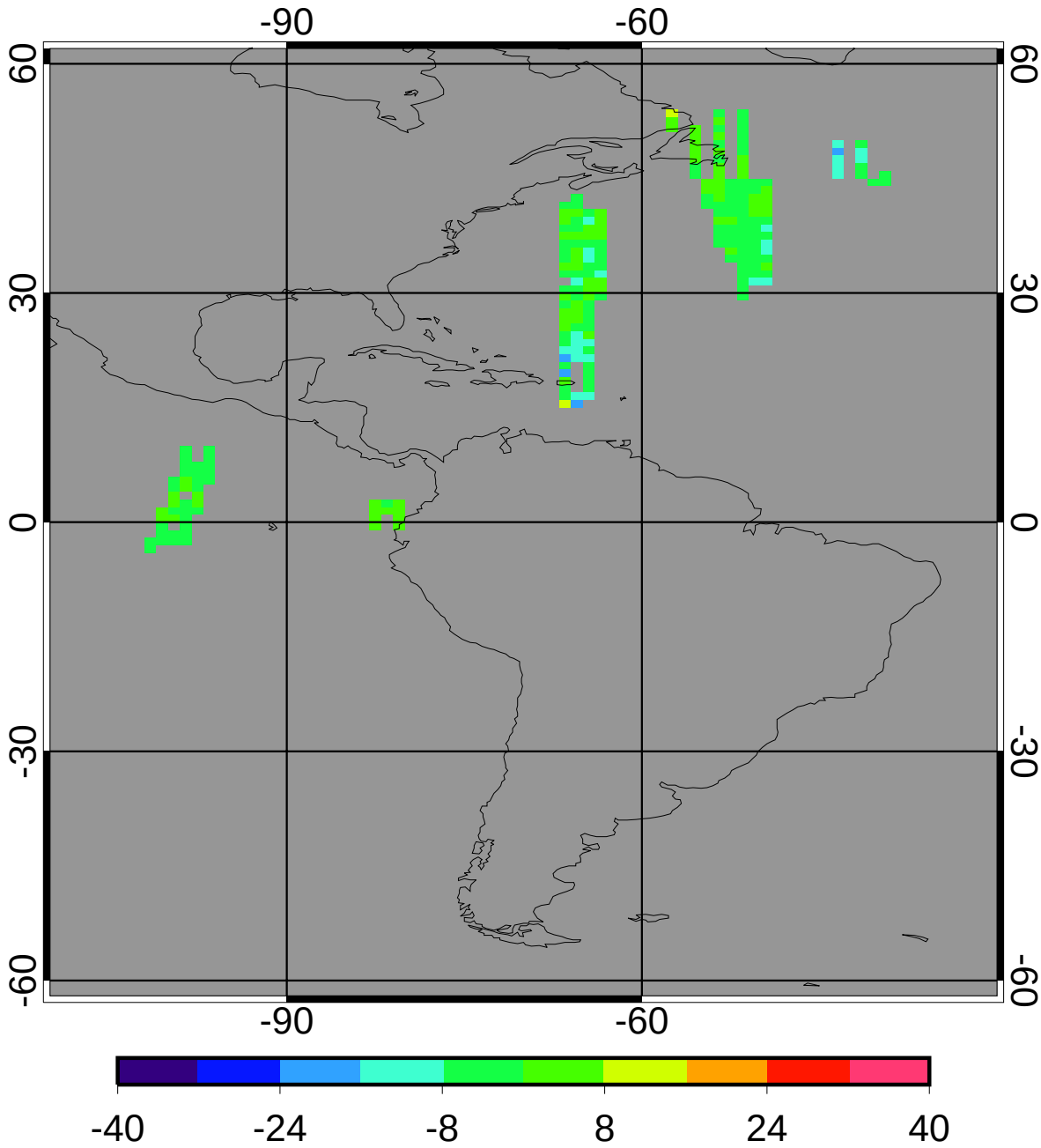
CERES/Terra MEAN Daytime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



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

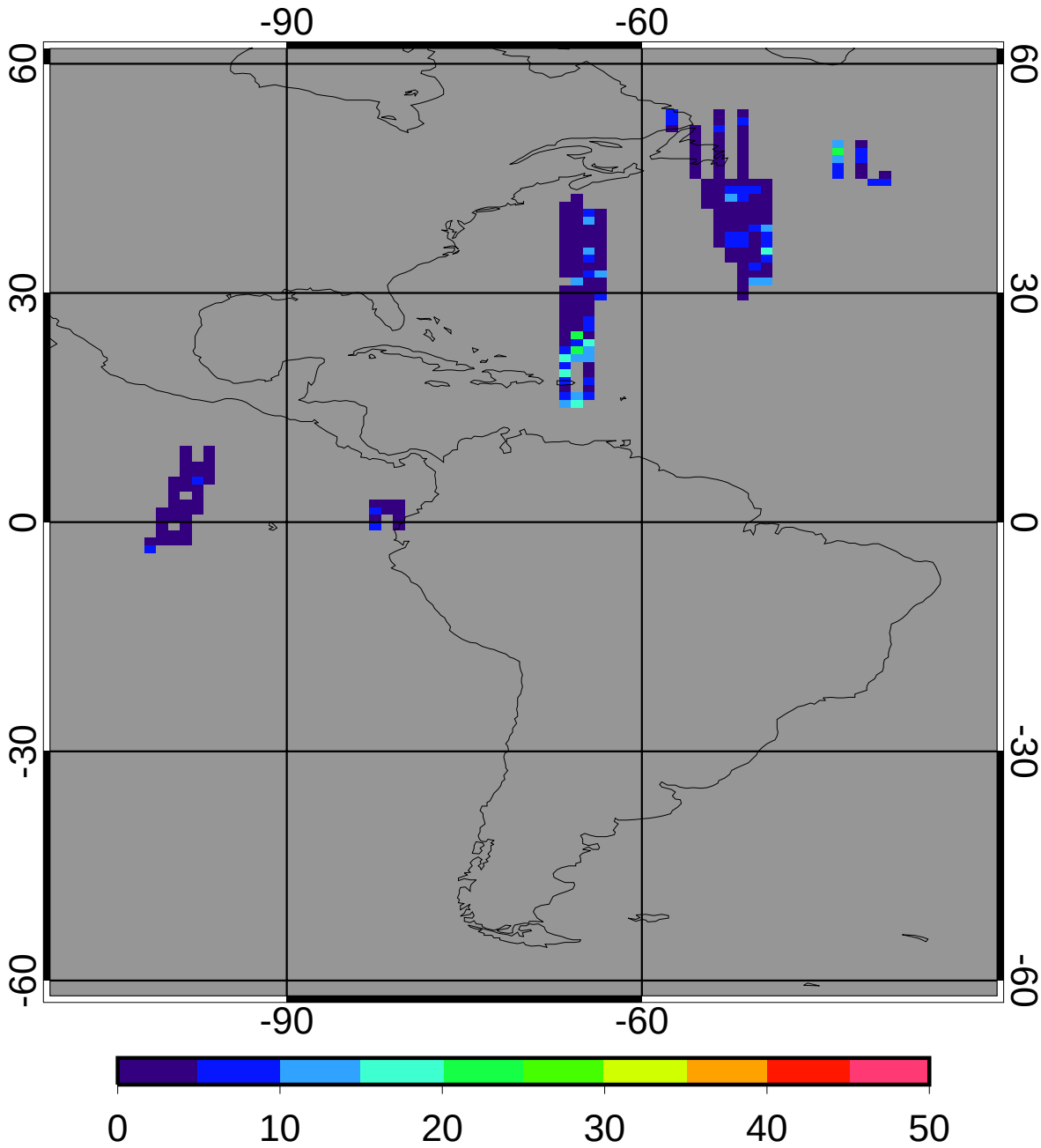
5ch_V01 Jan 2010 (matched angle)



bias	-2.25	-0.84%
domain sigma	3.94	1.47%

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

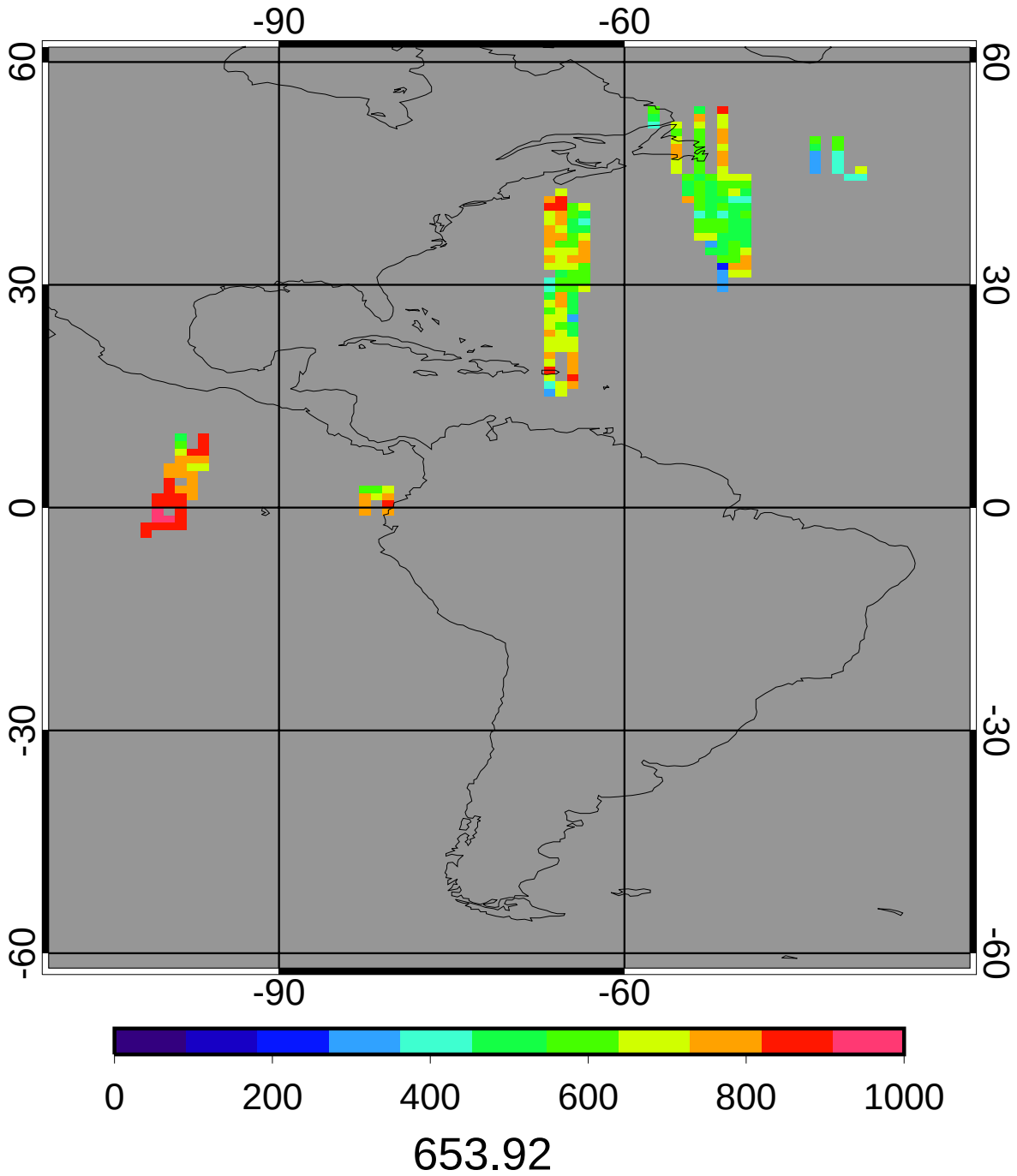
5ch_V01 Jan 2010 (matched angle)



regave rms	3.92	1.47%
domain rms	5.25	1.96%

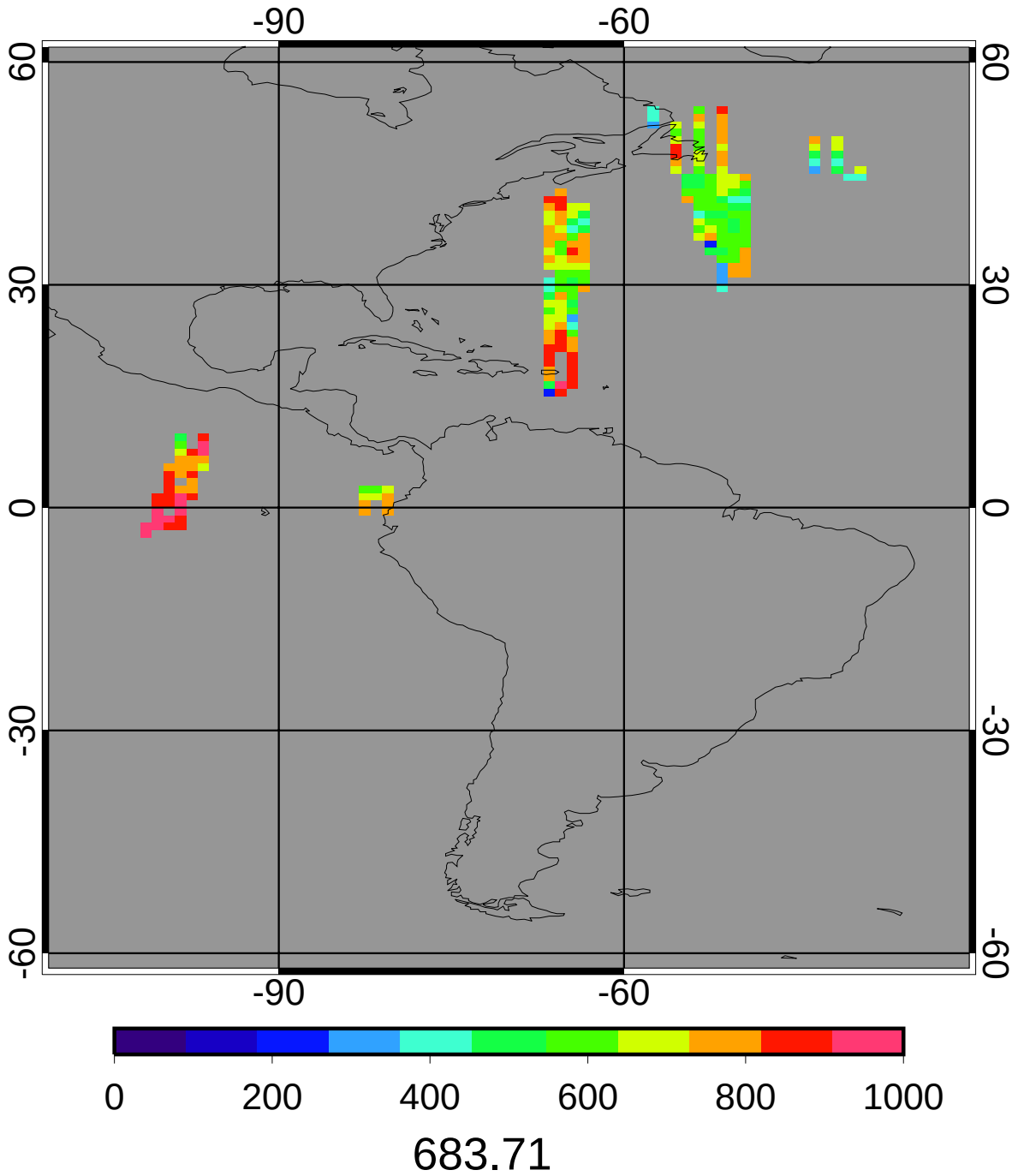
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



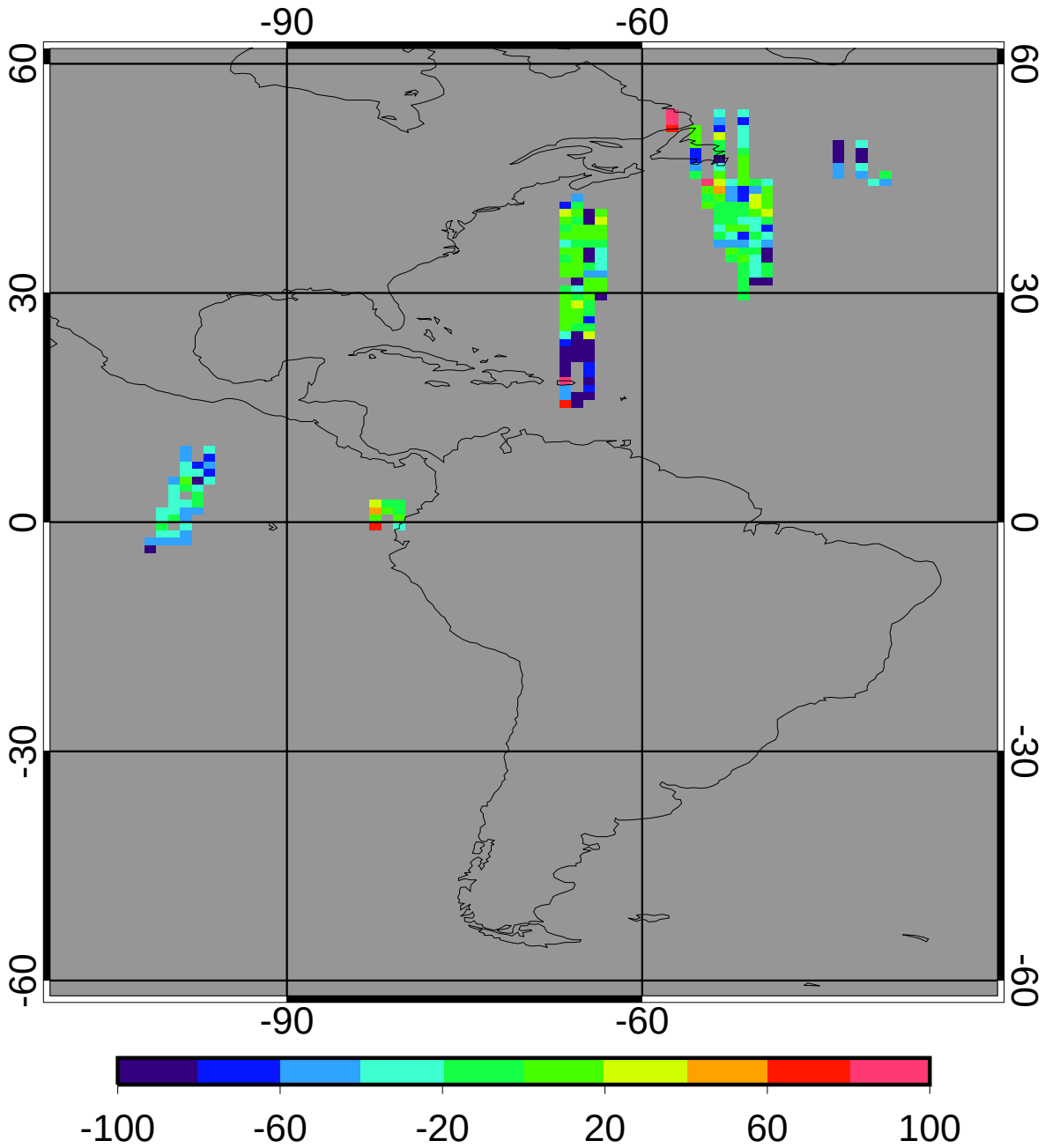
CERES/Terra MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

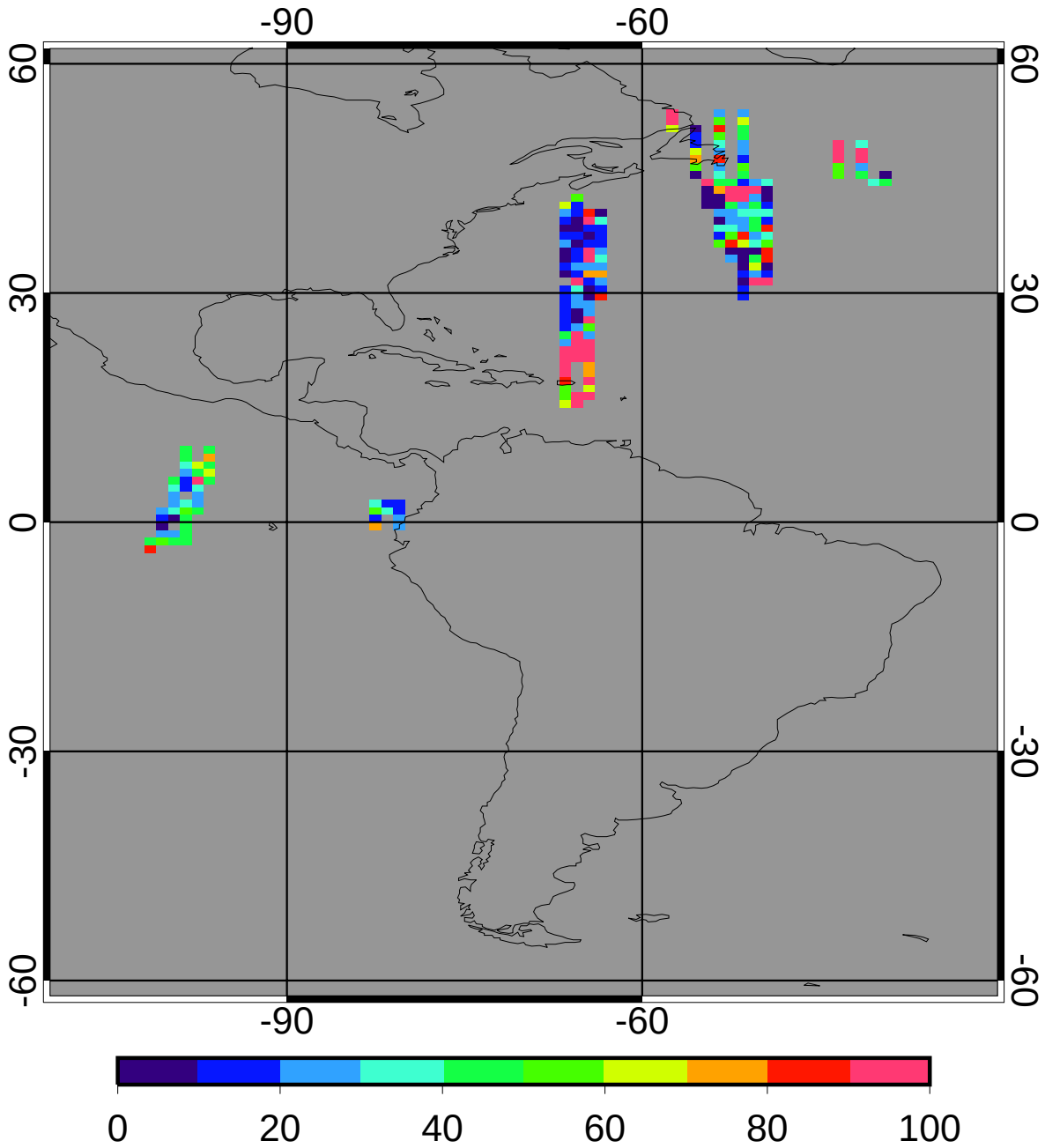
5ch_V01 Jan 2010 (matched angle)



bias	-29.80	-4.36%
domain sigma	43.49	6.36%

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

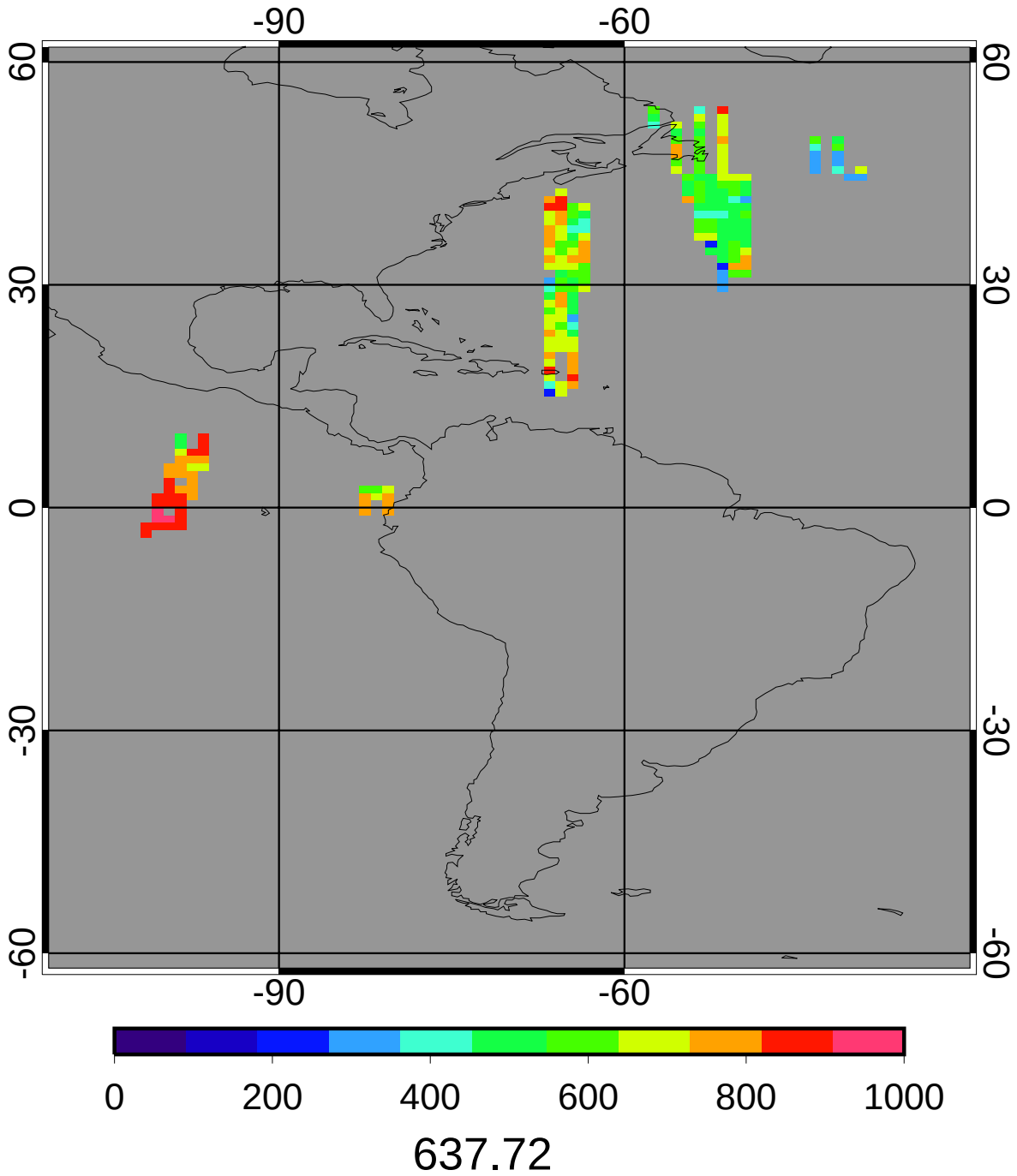
5ch_V01 Jan 2010 (matched angle)



regave rms	48.24	7.06%
domain rms	59.81	8.75%

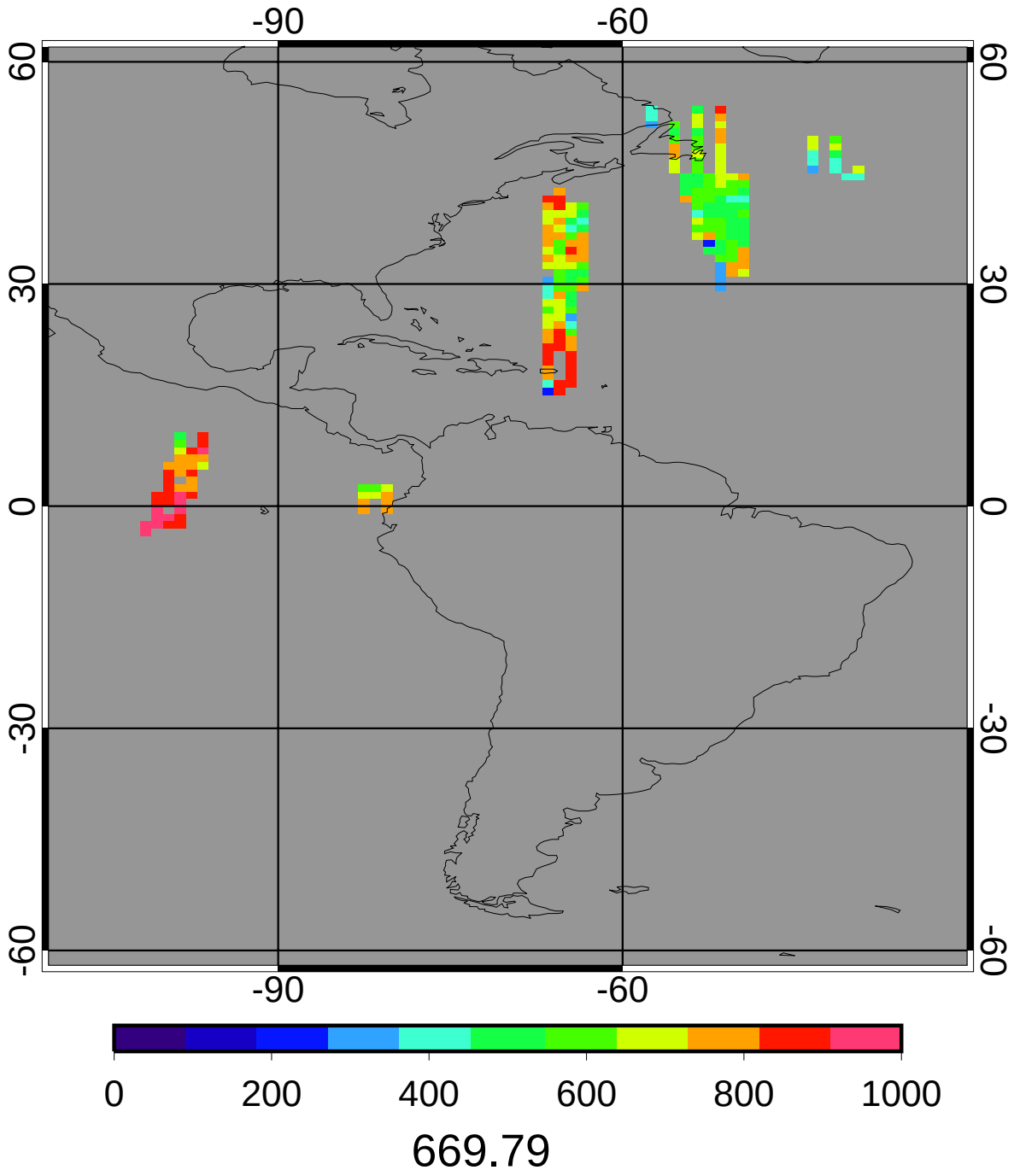
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



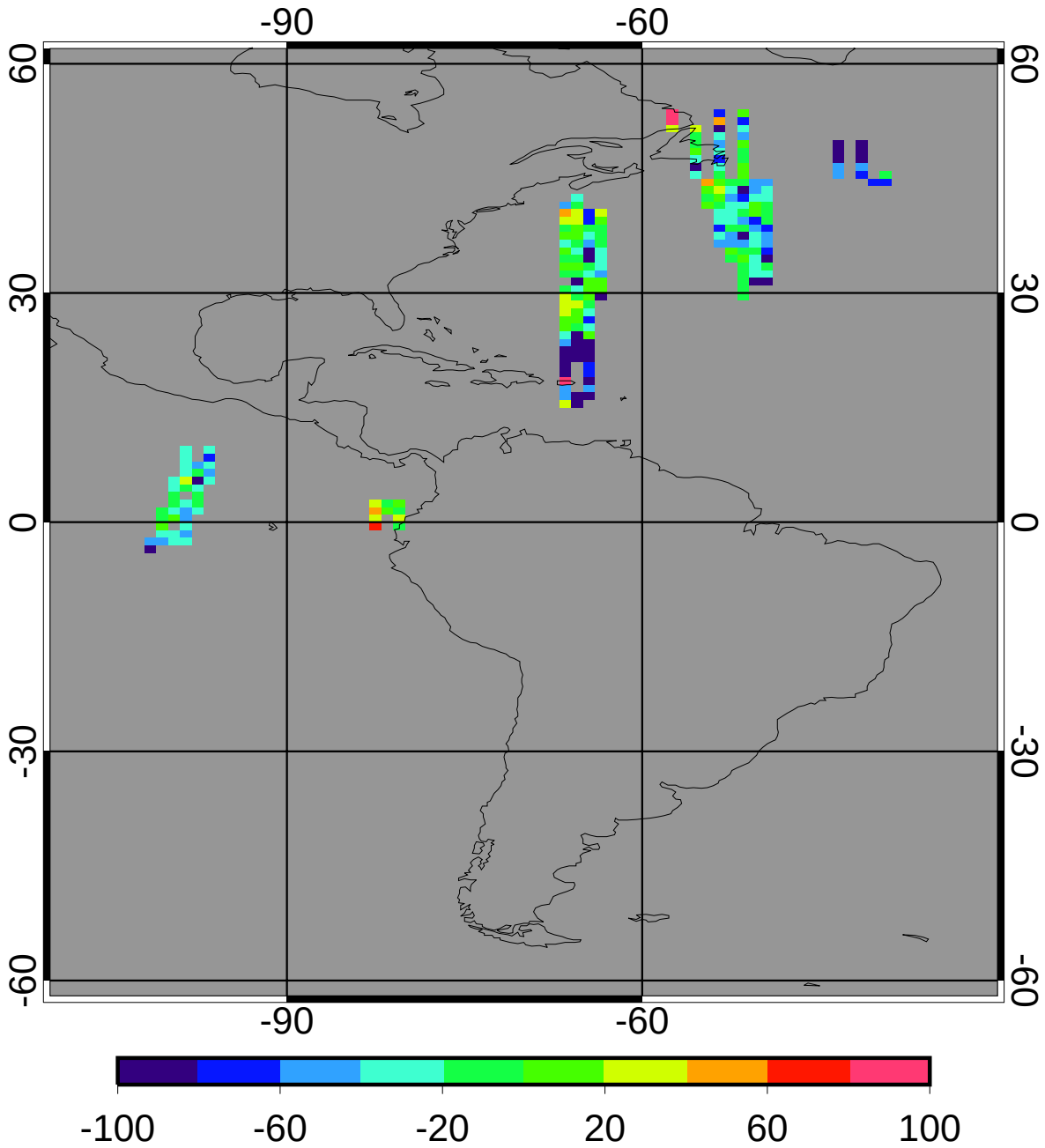
CERES/Terra MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

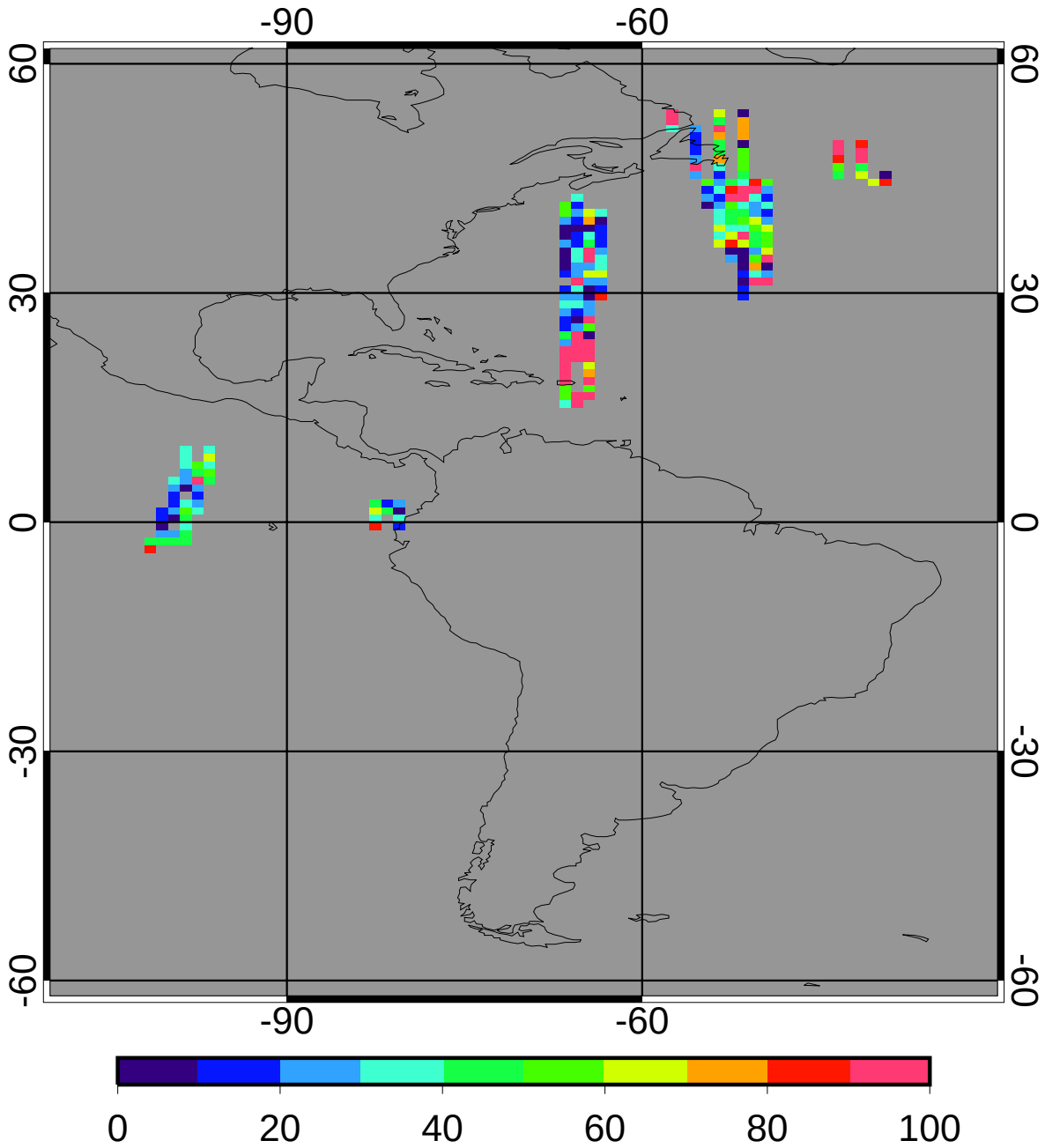
5ch_V01 Jan 2010 (matched angle)



bias	-32.07	-4.79%
domain sigma	42.78	6.39%

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

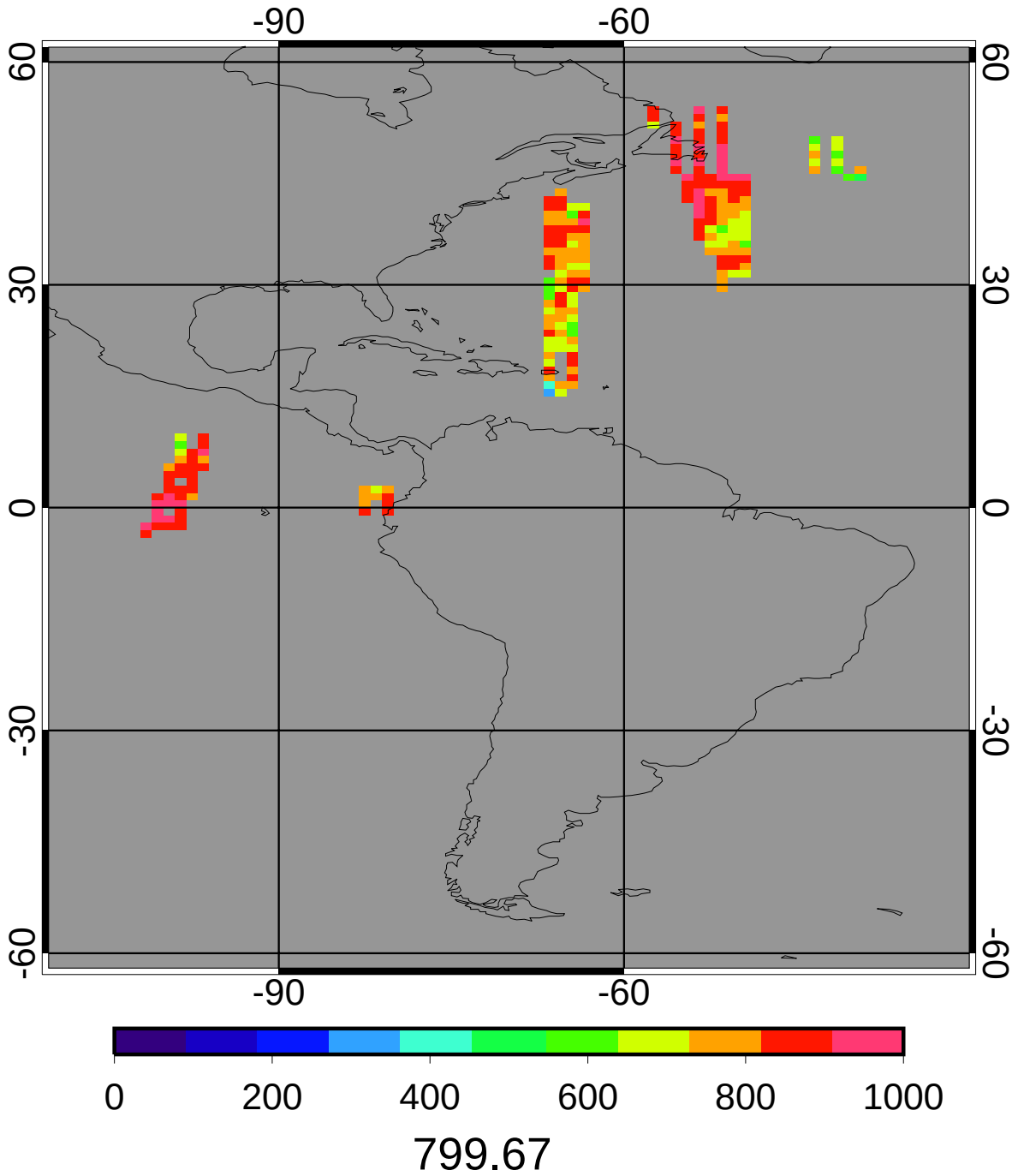
5ch_V01 Jan 2010 (matched angle)



regave rms	50.55	7.55%
domain rms	61.26	9.15%

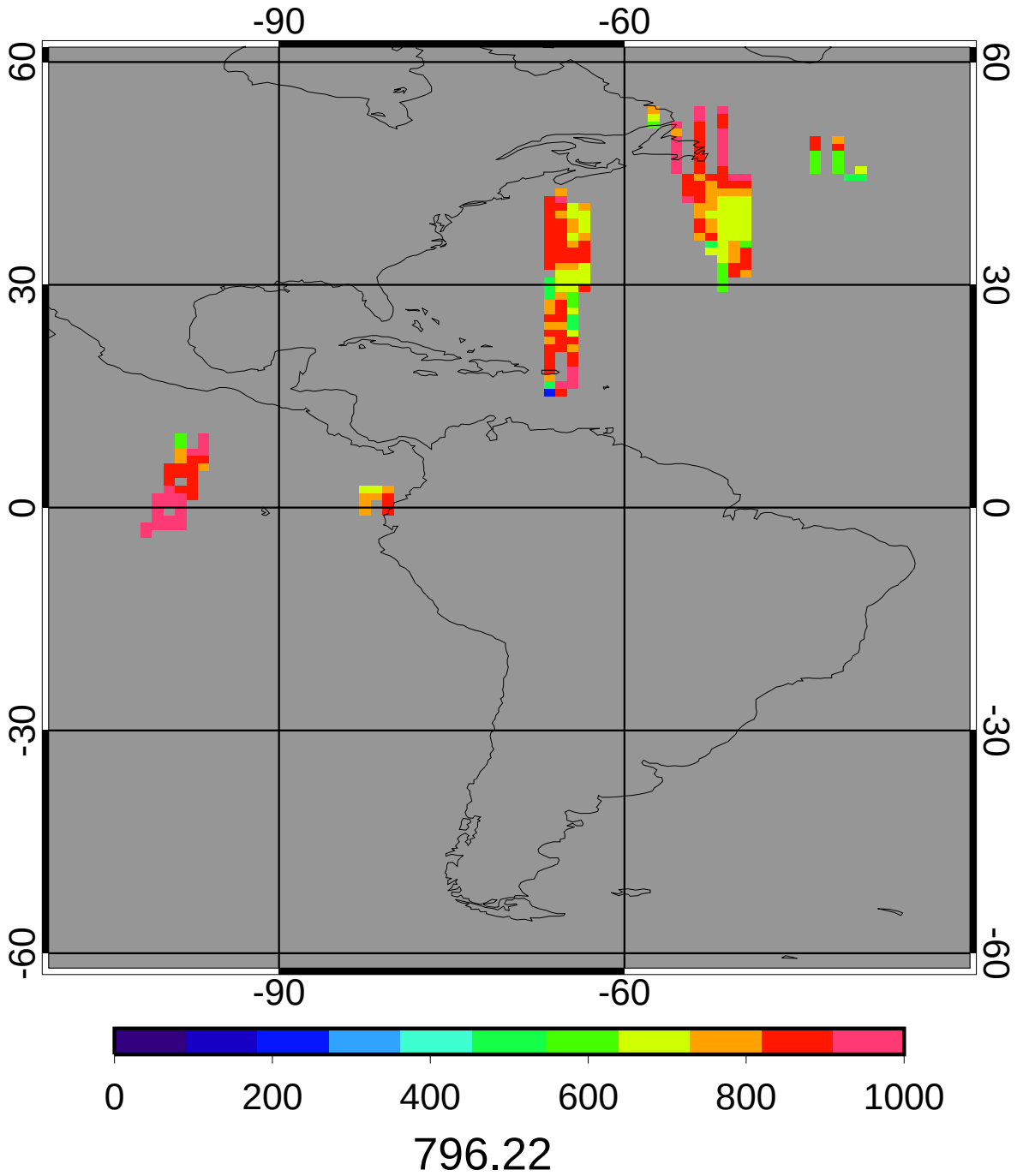
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



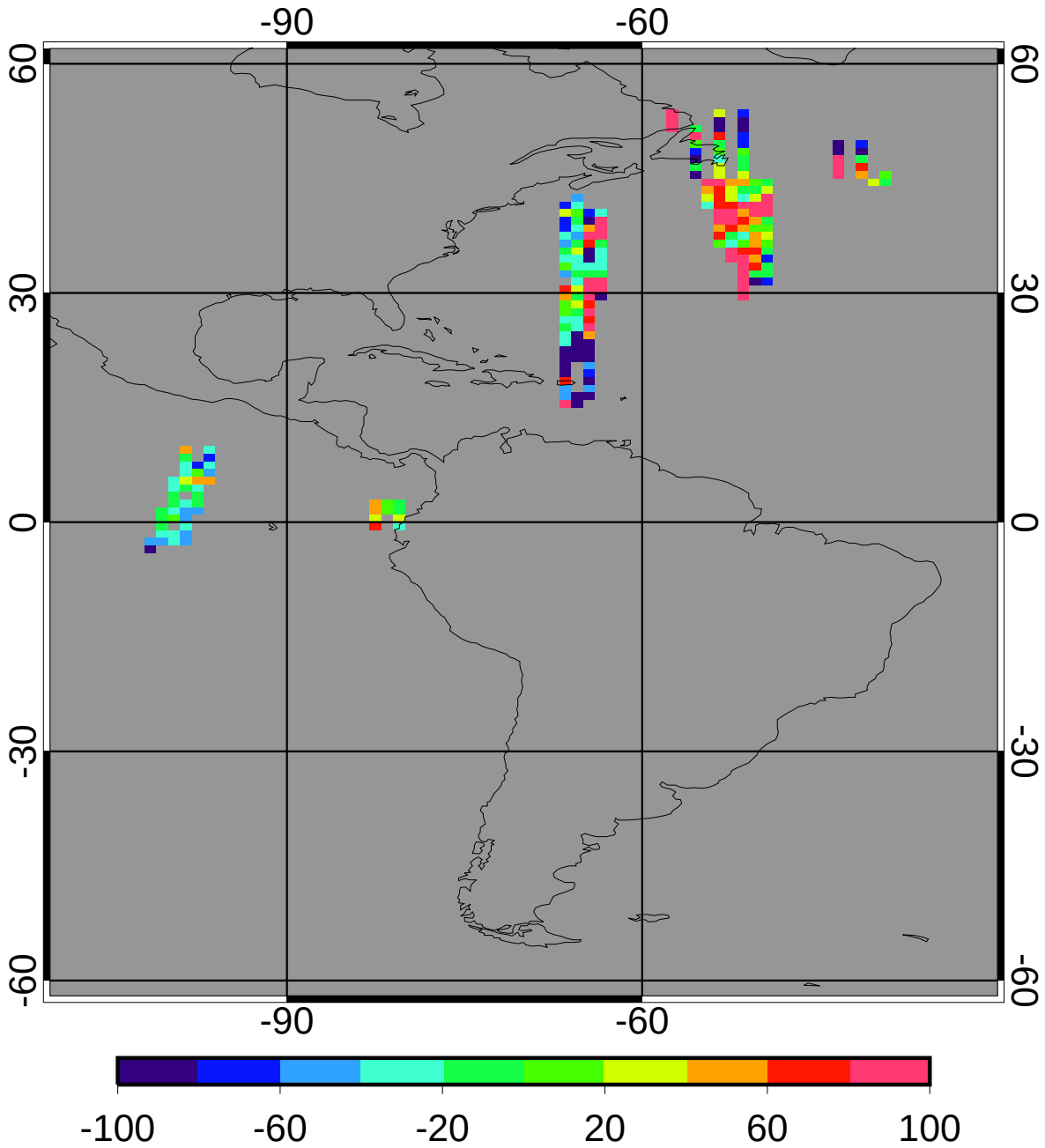
CERES/Terra MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

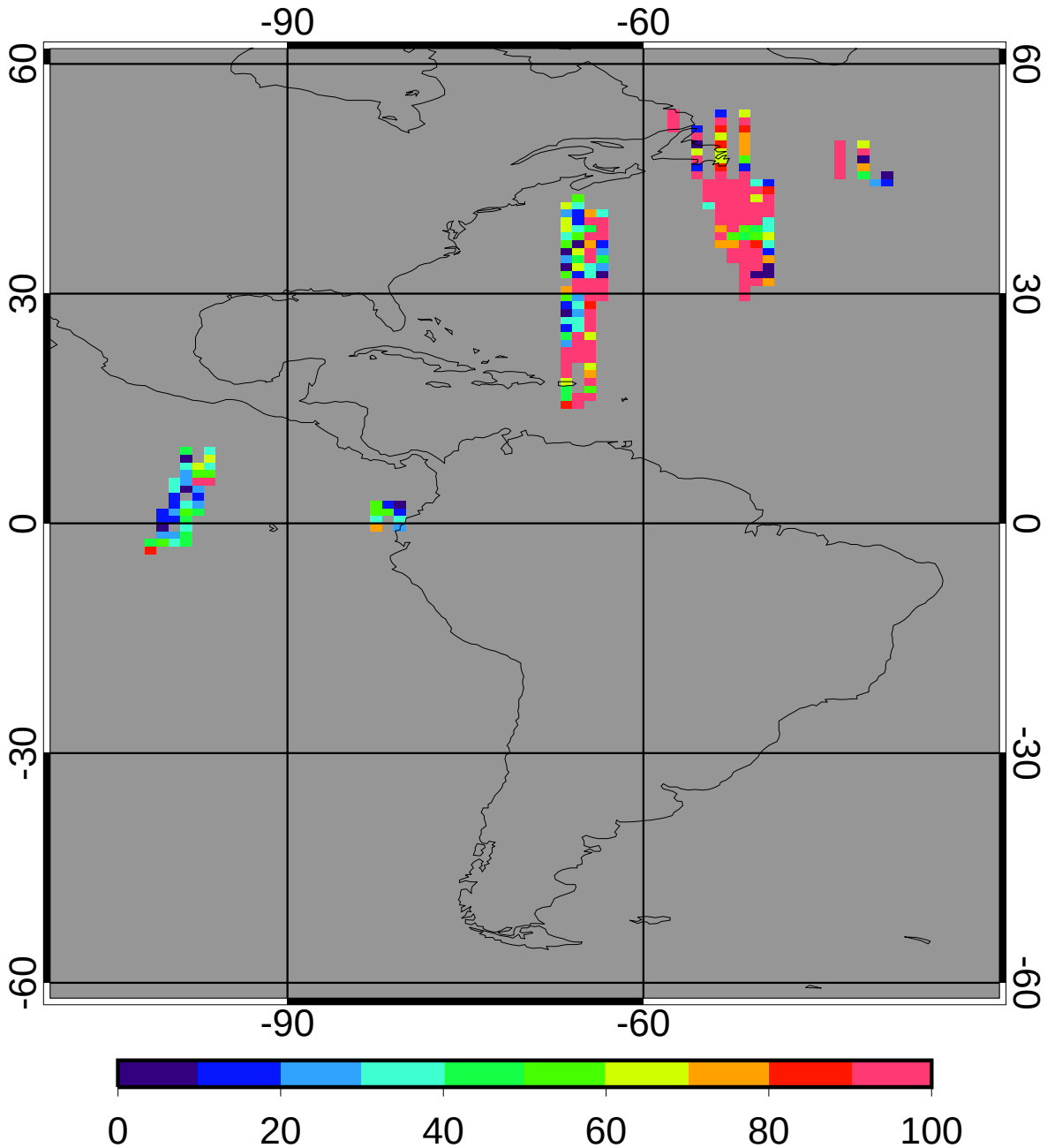
5ch_V01 Jan 2010 (matched angle)



bias	3.45	0.43%
domain sigma	68.82	8.64%

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

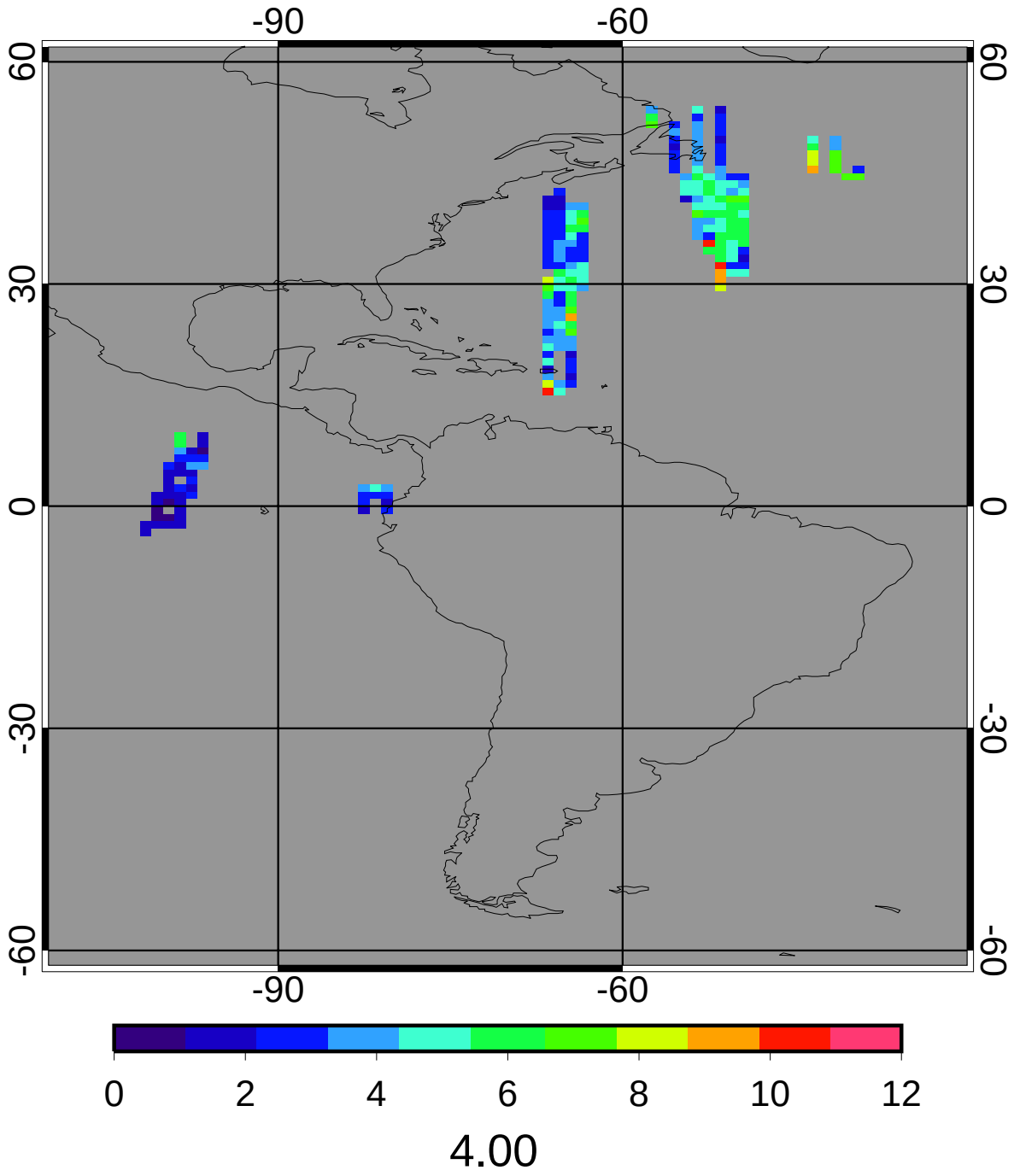
5ch_V01 Jan 2010 (matched angle)



regave rms	84.03	10.55%
domain rms	100.76	12.65%

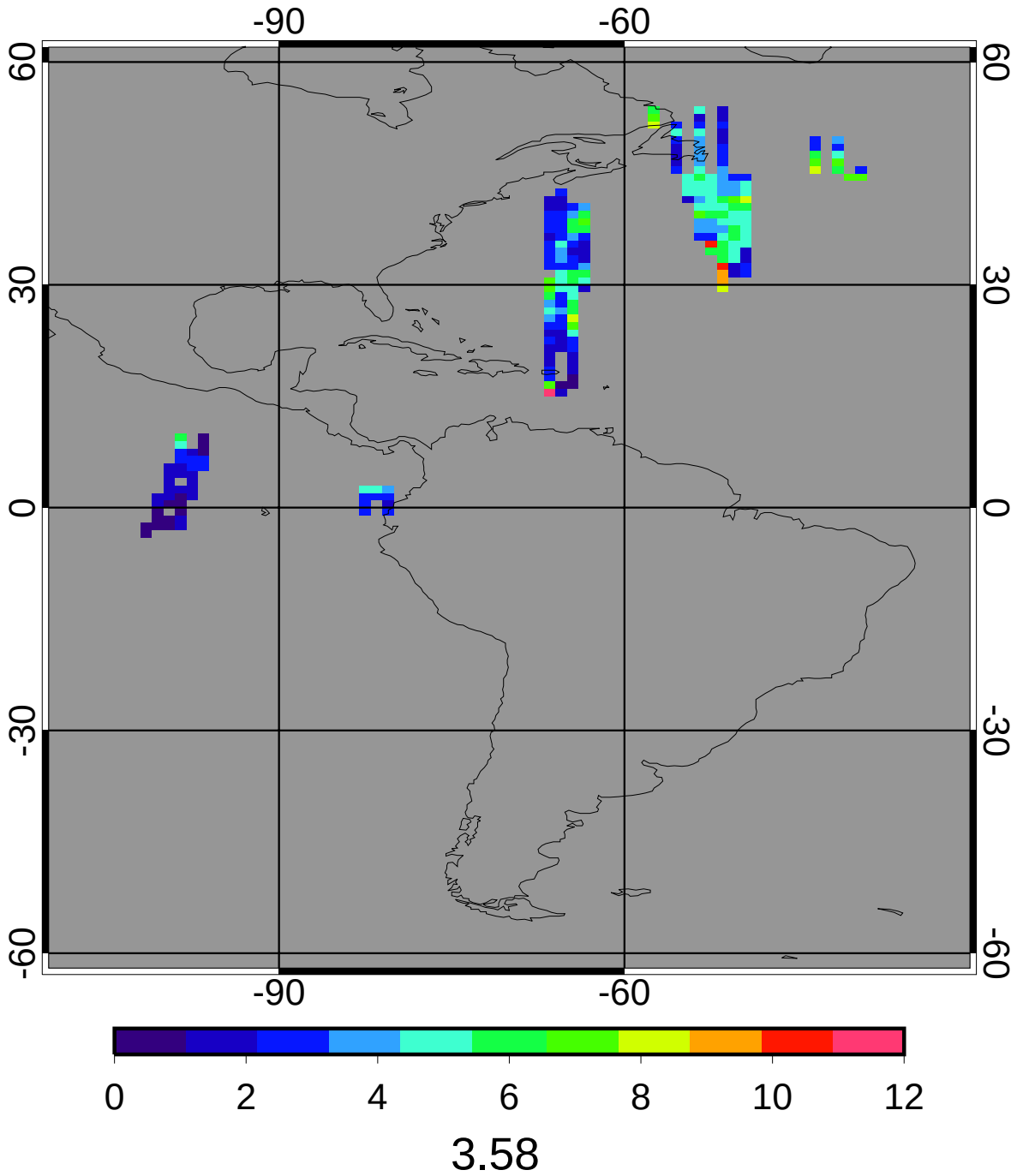
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



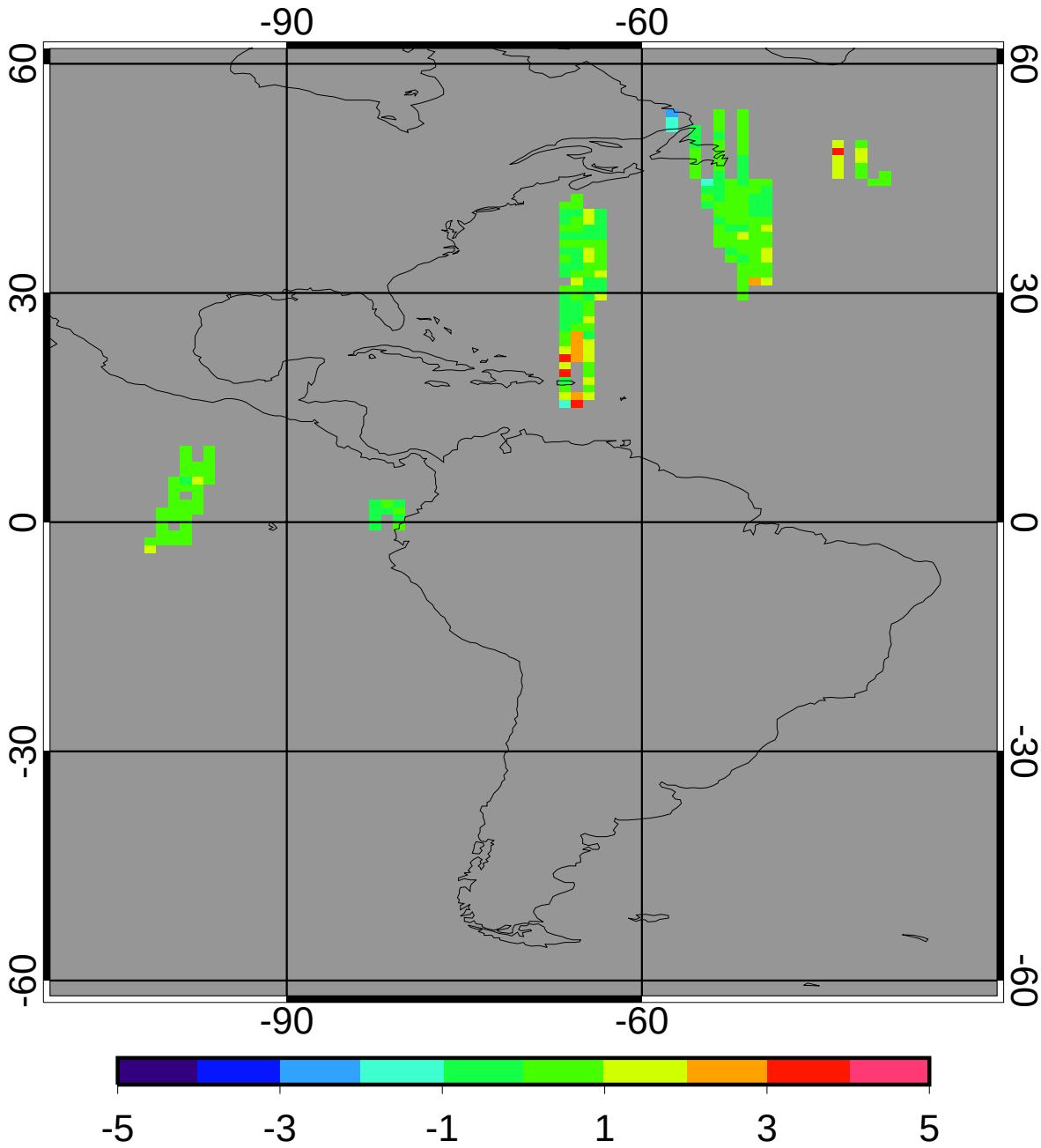
CERES/Terra MEAN Daytime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



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

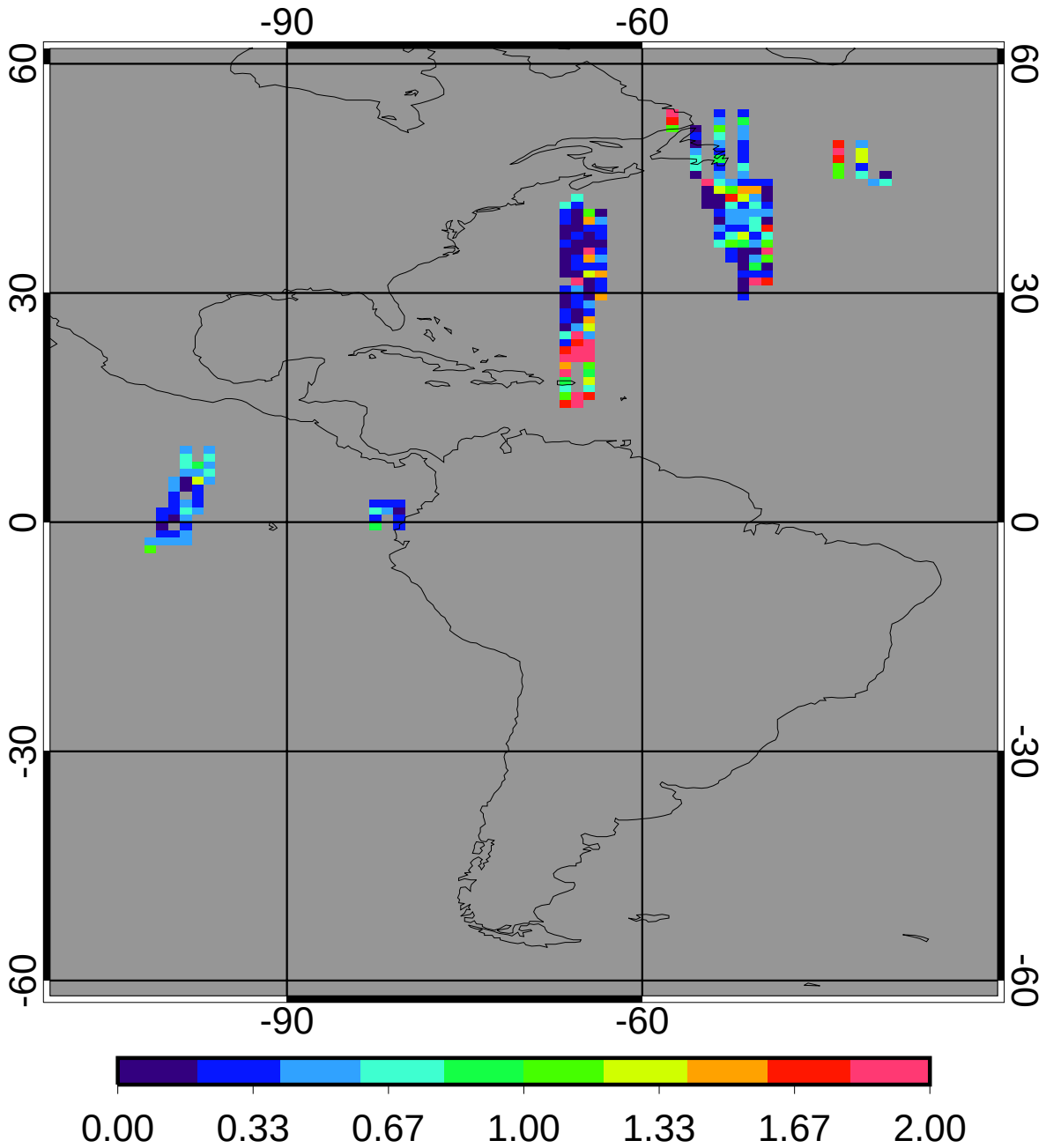
5ch_V01 Jan 2010 (matched angle)



bias	0.42	11.70%
domain sigma	0.66	18.50%

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

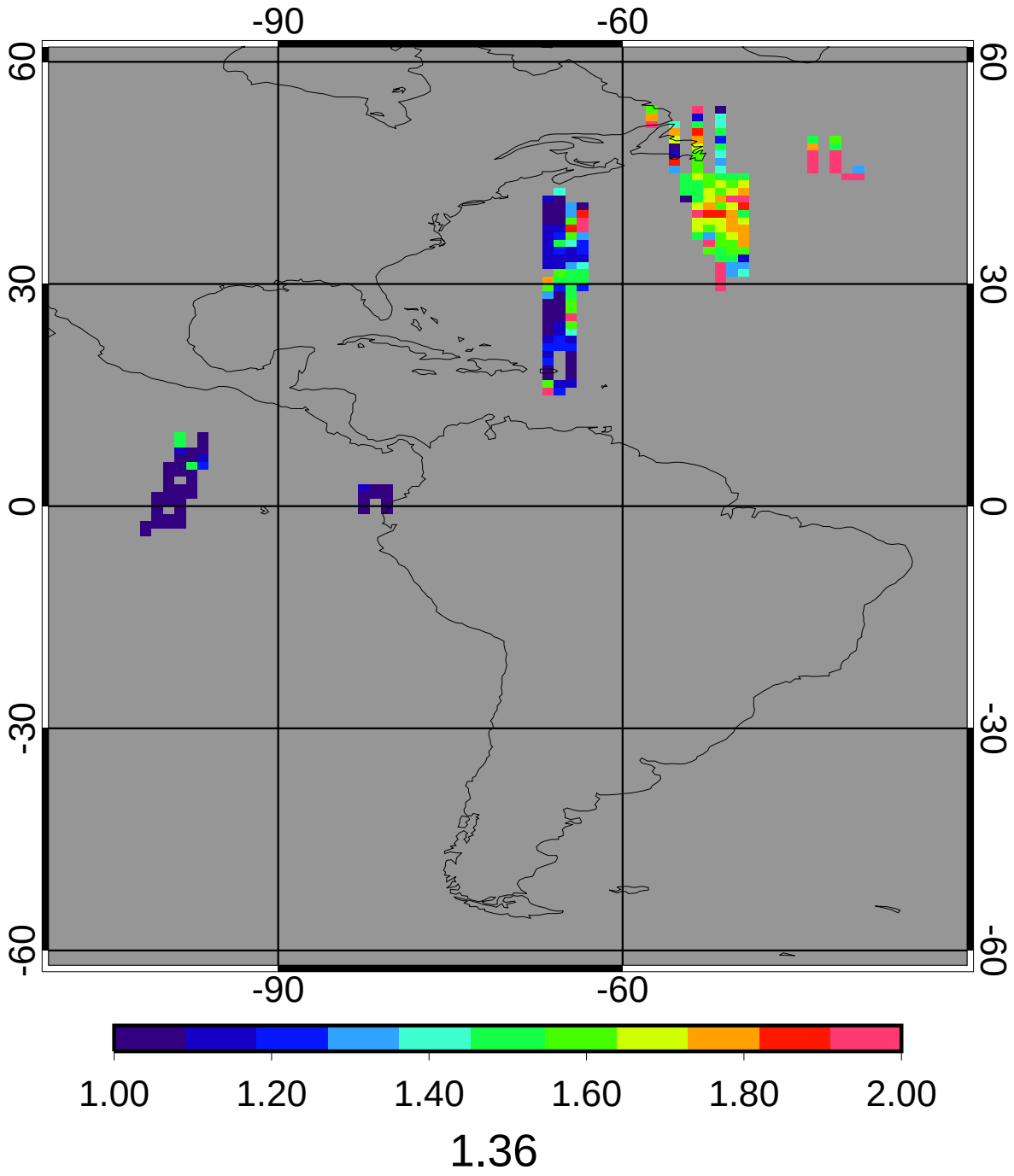
5ch_V01 Jan 2010 (matched angle)



regave rms	0.69	19.16%
domain rms	0.90	25.08%

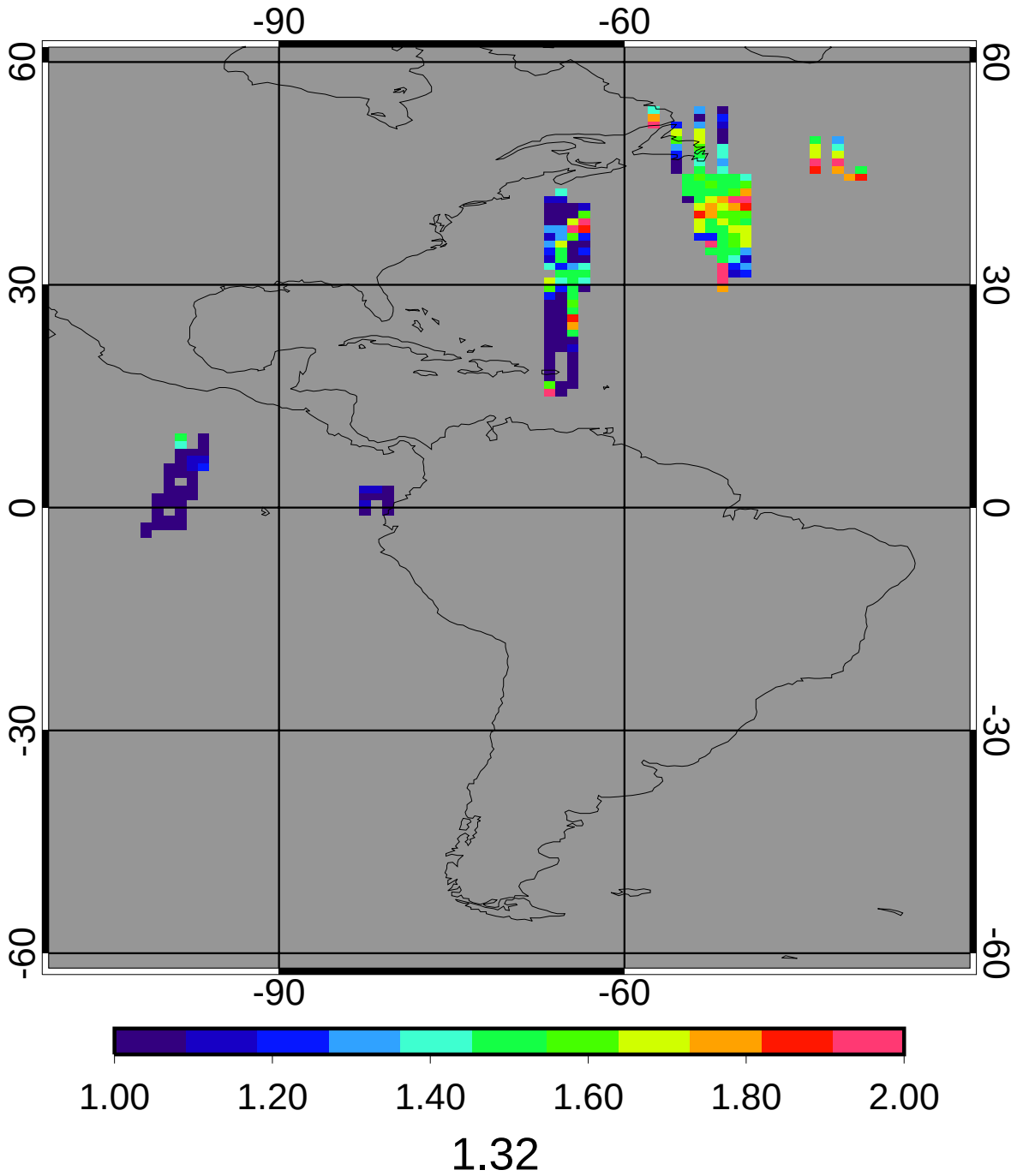
GGEO MEAN Daytime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



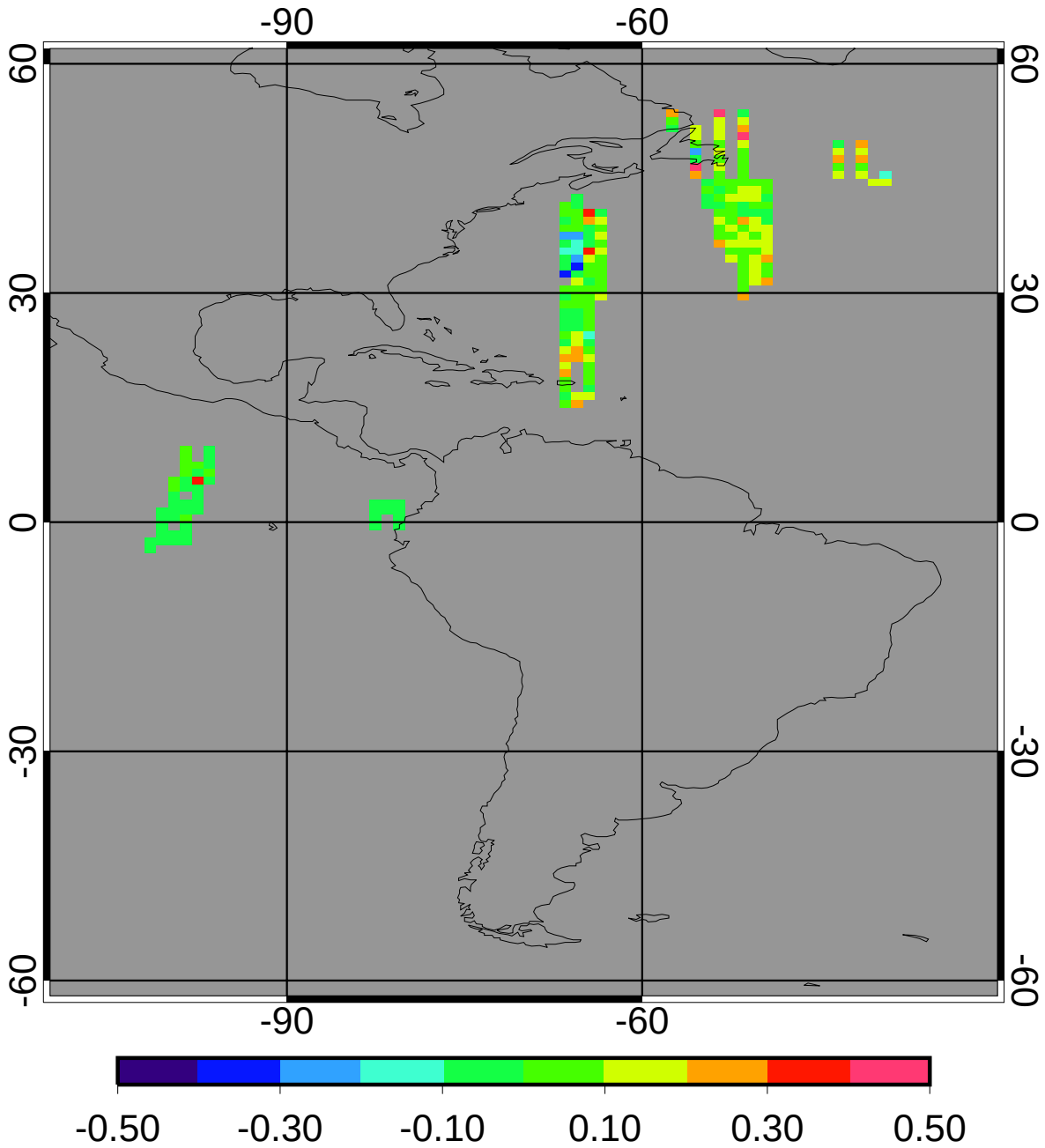
CERES/Terra MEAN Daytime Cloud Phase

5ch_V01 Jan 2010 (matched angle)



GGEO - CERES/Terra Daytime Cloud Phase Bias

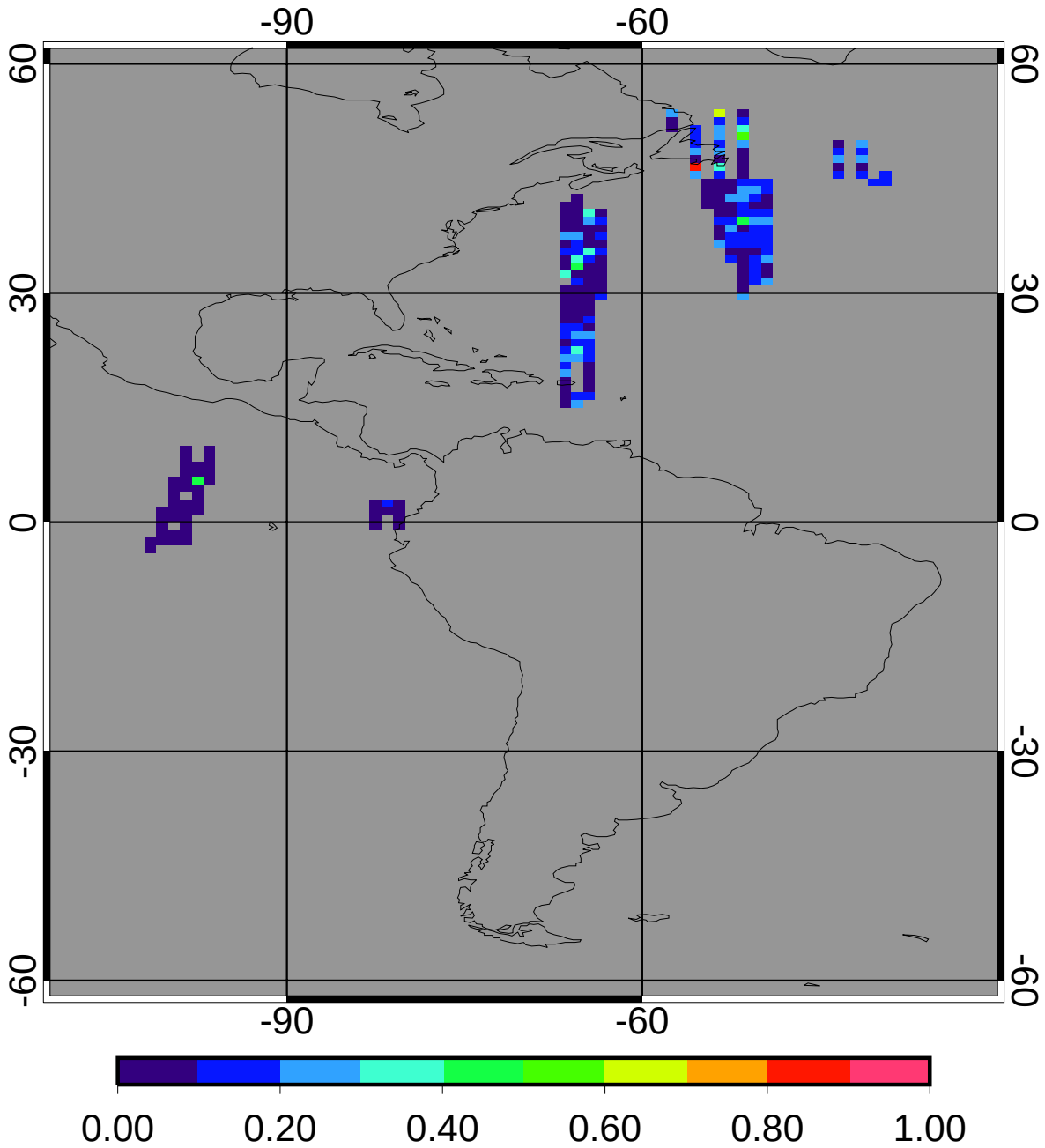
5ch_V01 Jan 2010 (matched angle)



bias	0.05	3.75%
domain sigma	0.10	7.30%

GGEO - CERES/Terra Daytime Cloud Phase RMS

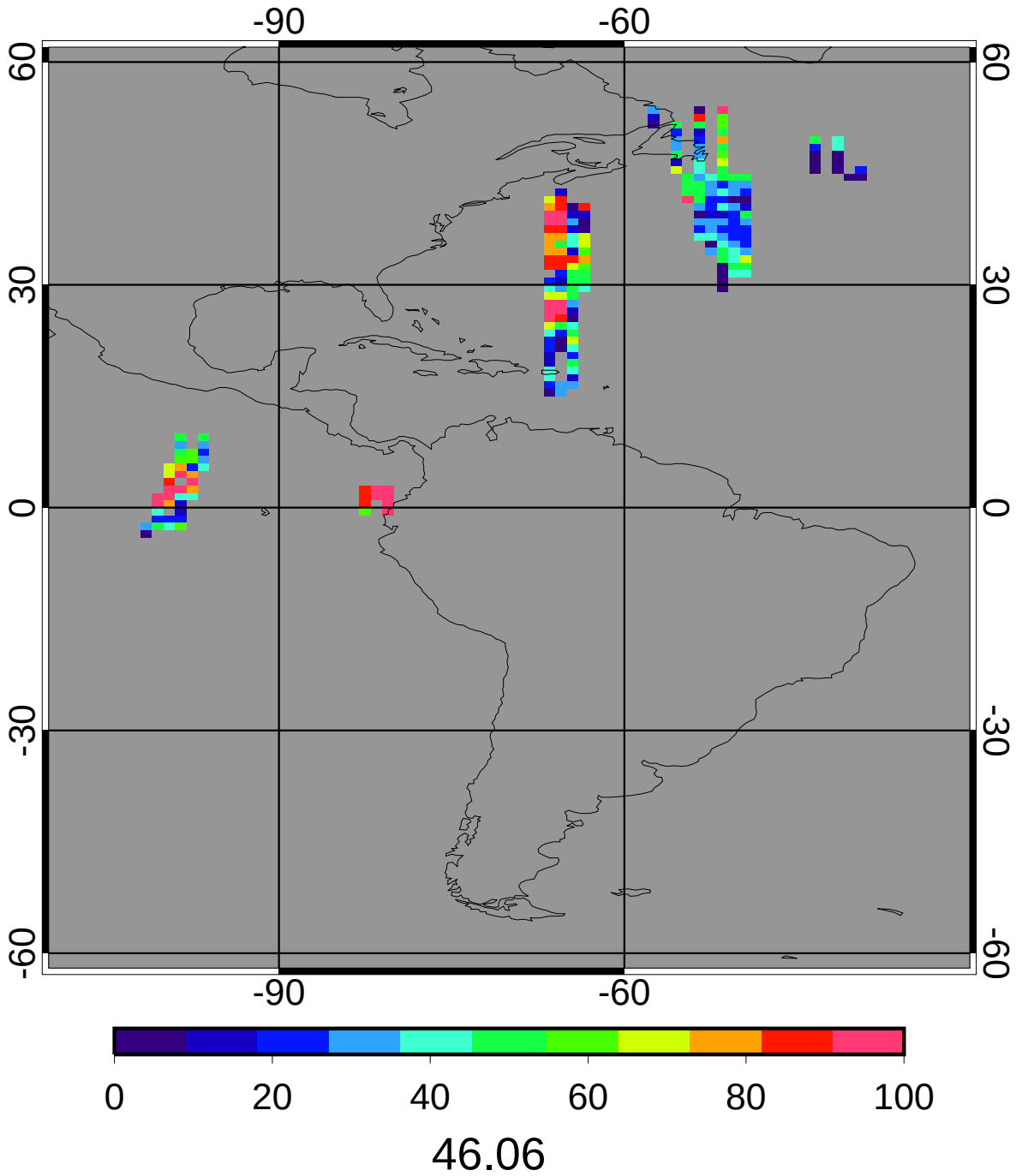
5ch_V01 Jan 2010 (matched angle)



regave rms	0.10	7.85%
domain rms	0.14	10.55%

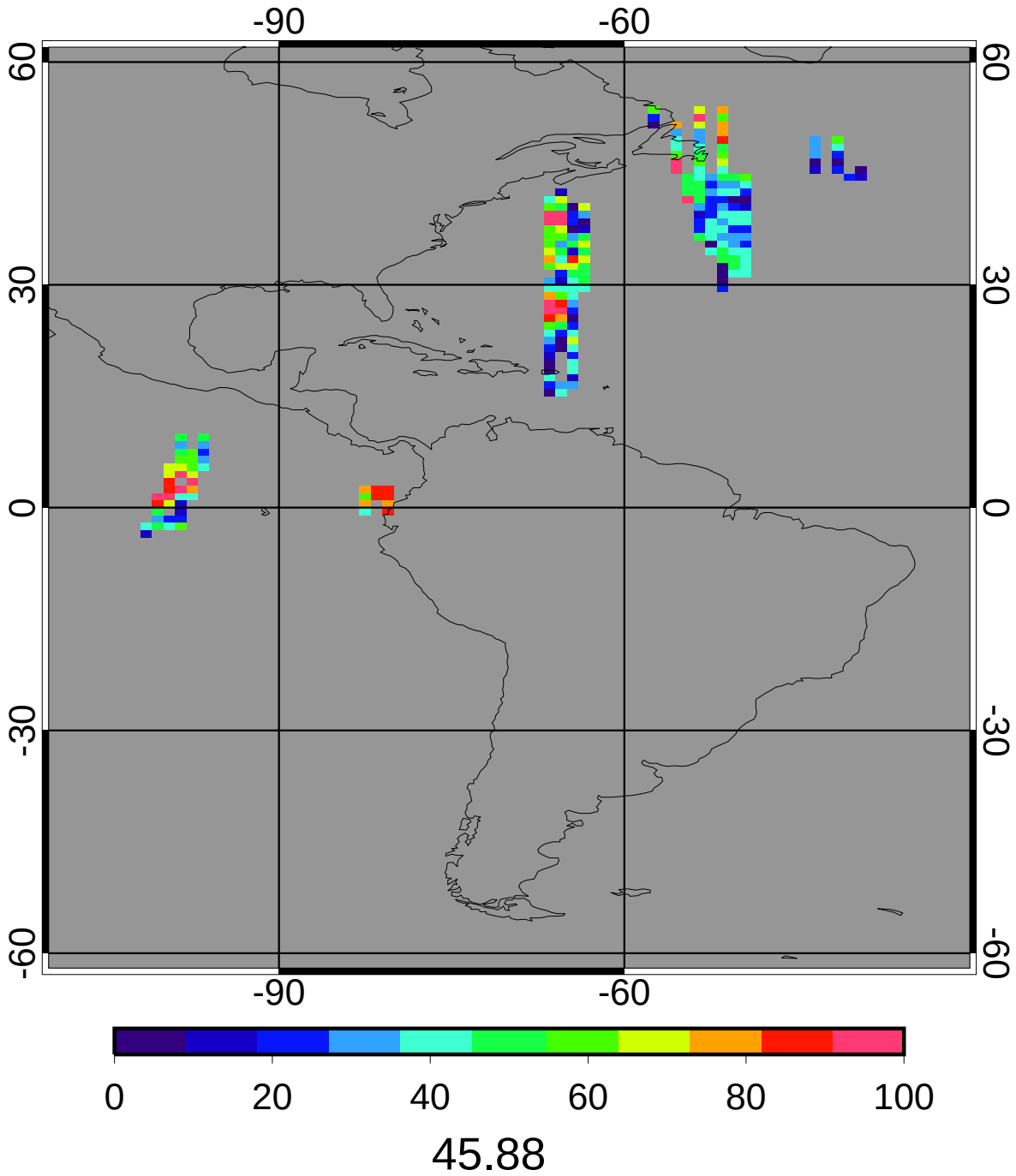
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



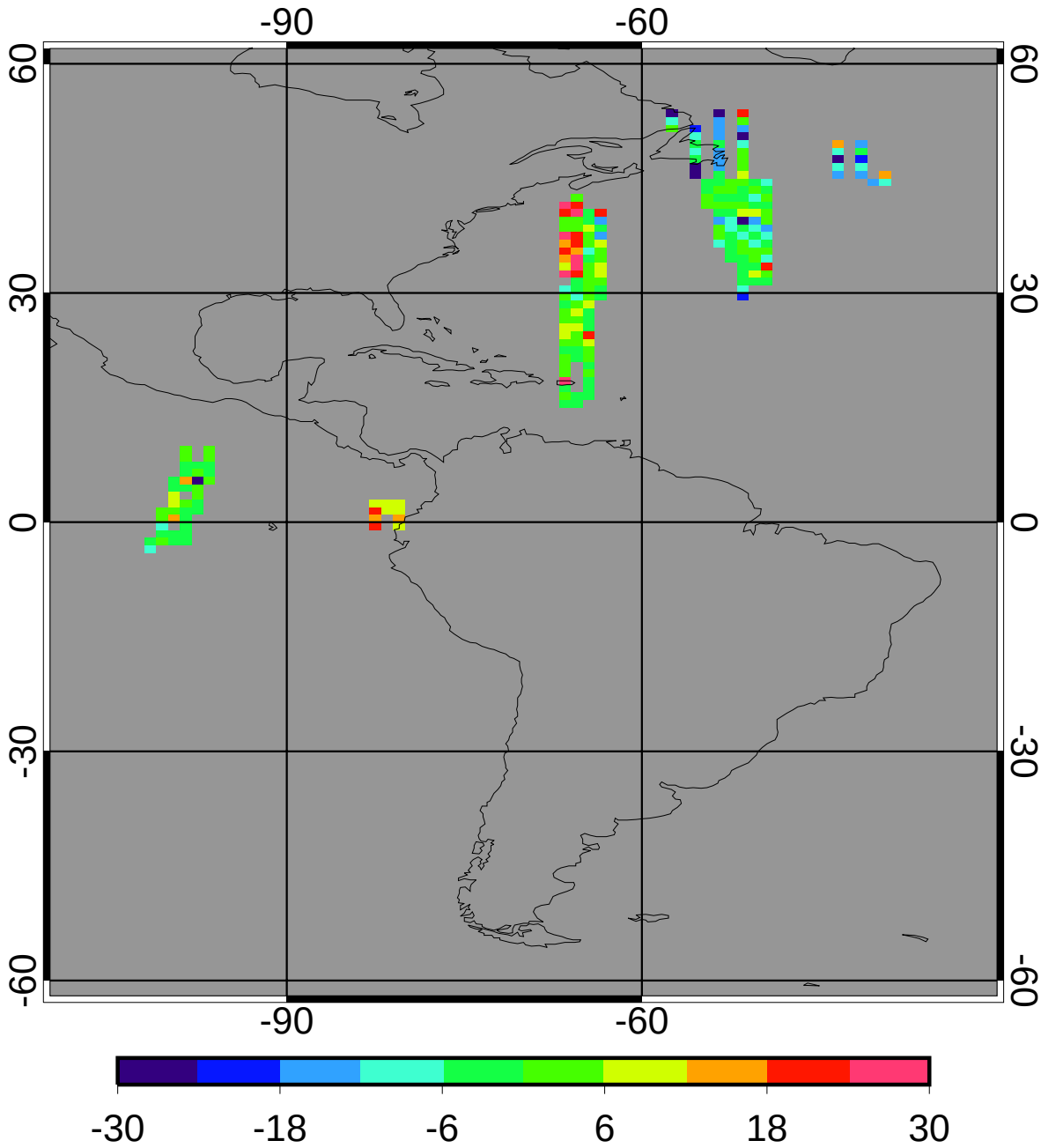
CERES/Terra MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

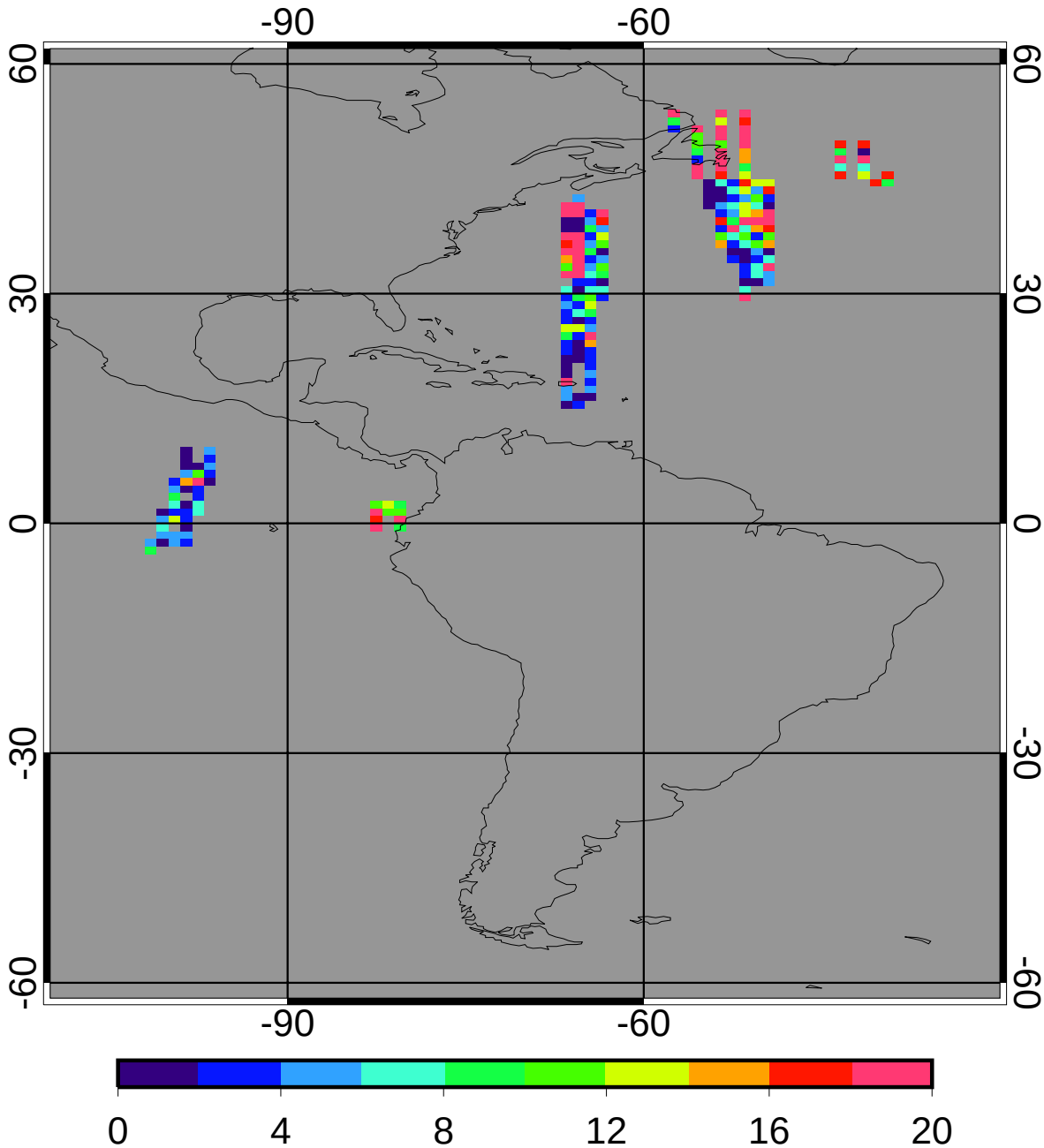
5ch_V01 Jan 2010 (matched angle)



bias	0.18	0.39%
domain sigma	9.99	21.77%

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

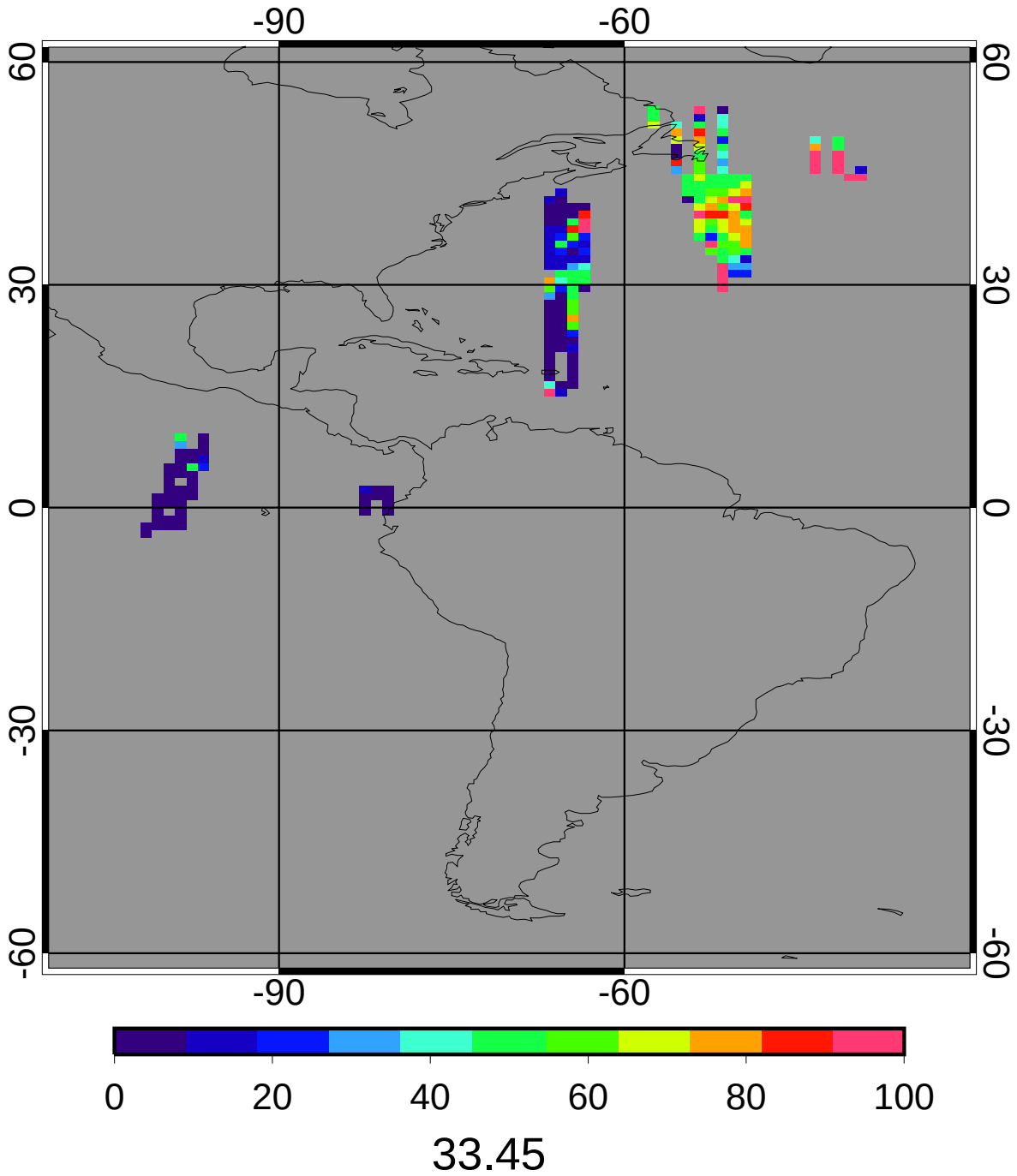
5ch_V01 Jan 2010 (matched angle)



regave rms	10.06	21.92%
domain rms	13.09	28.54%

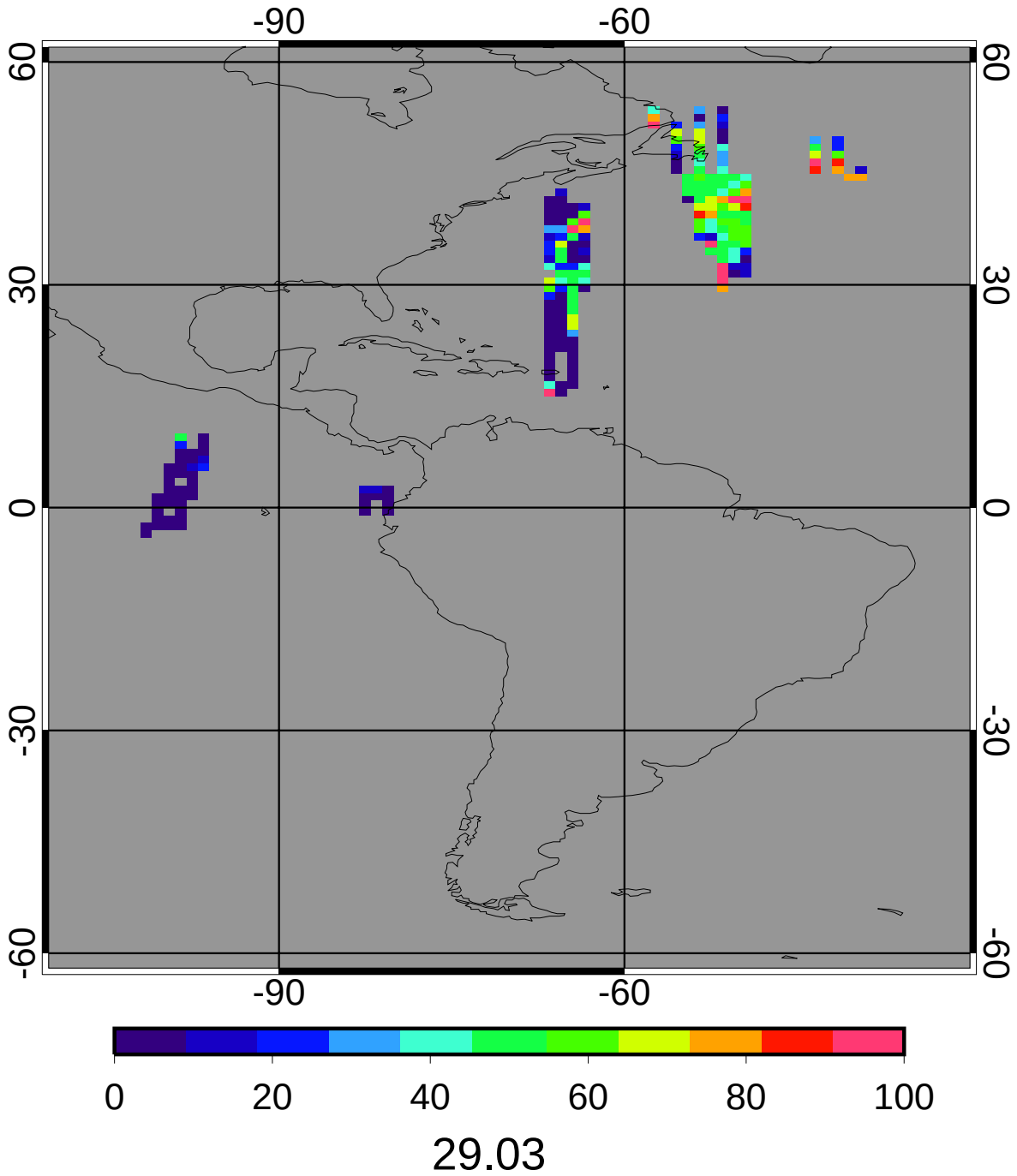
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



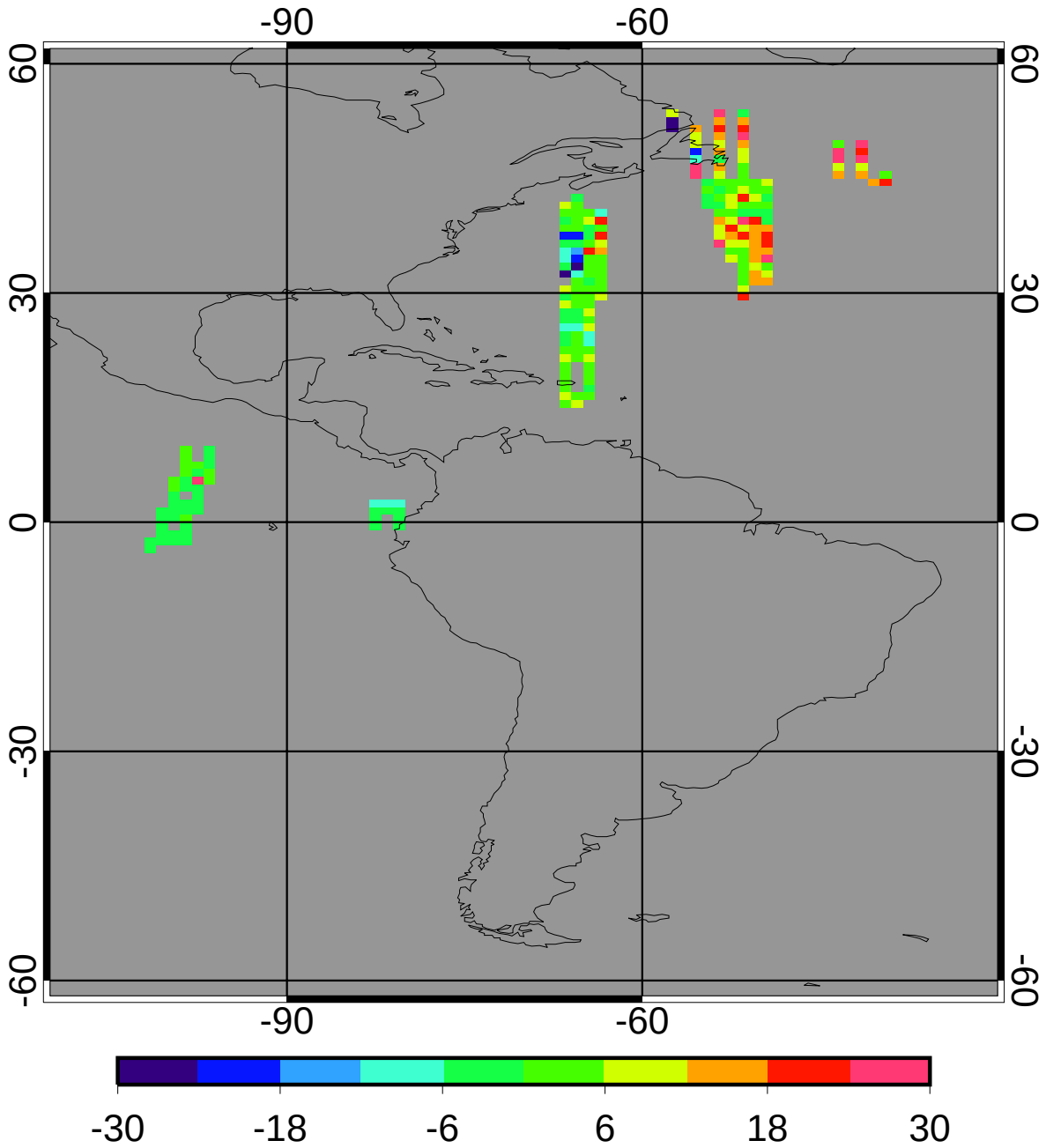
CERES/Terra MEAN Daytime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

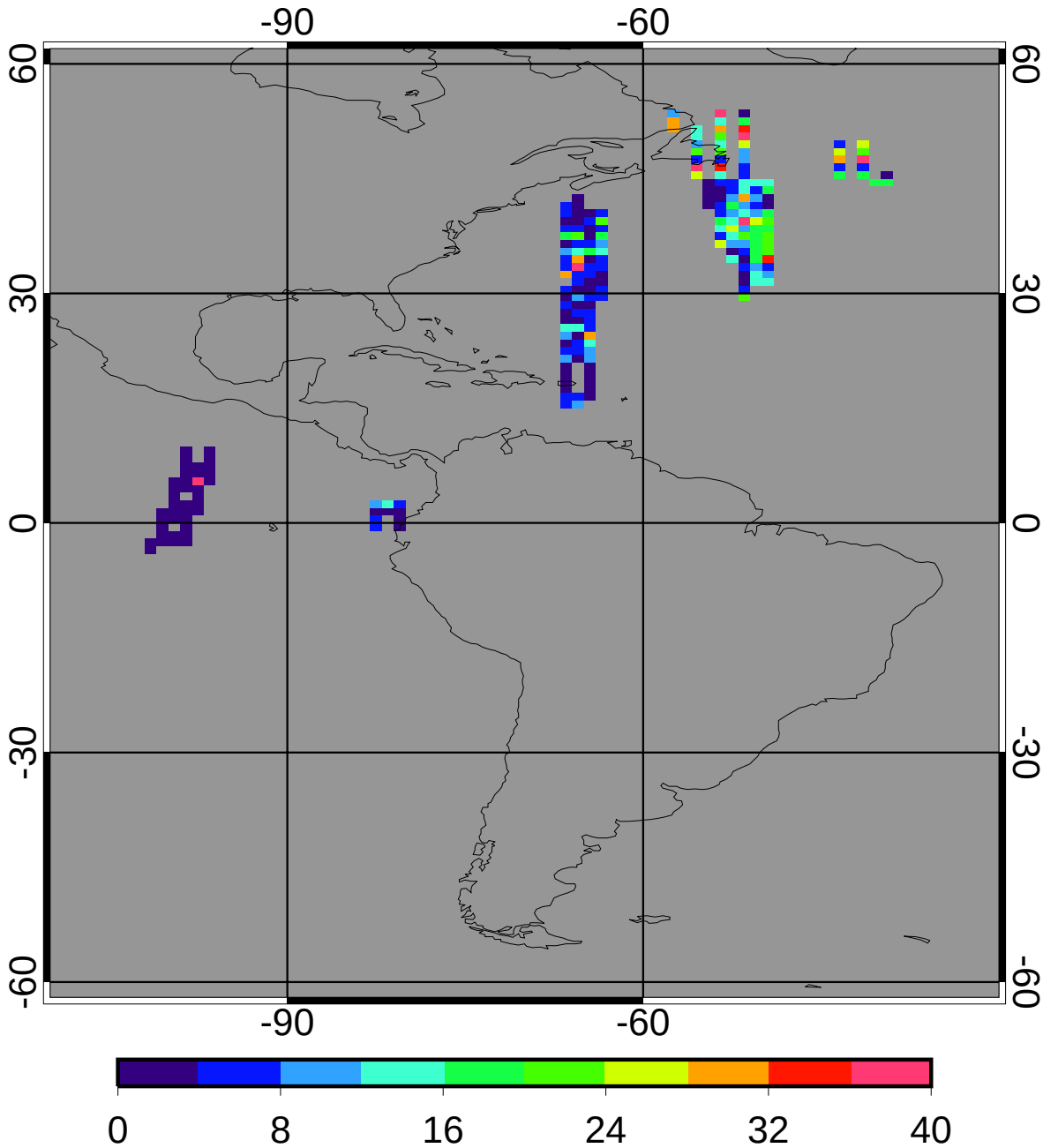
5ch_V01 Jan 2010 (matched angle)



bias	4.42	15.23%
domain sigma	8.96	30.88%

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

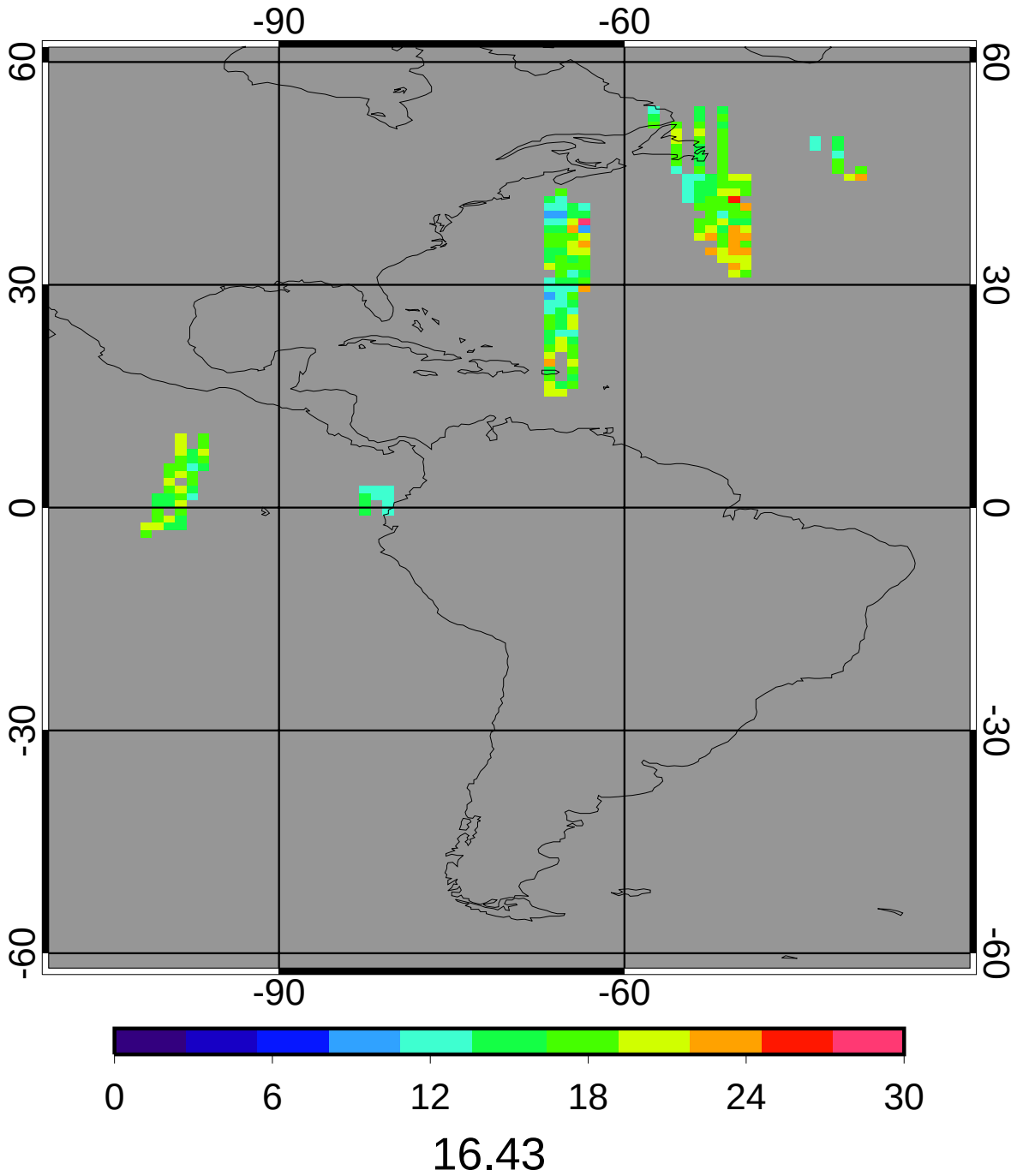
5ch_V01 Jan 2010 (matched angle)



regave rms	9.21	31.72%
domain rms	13.16	45.34%

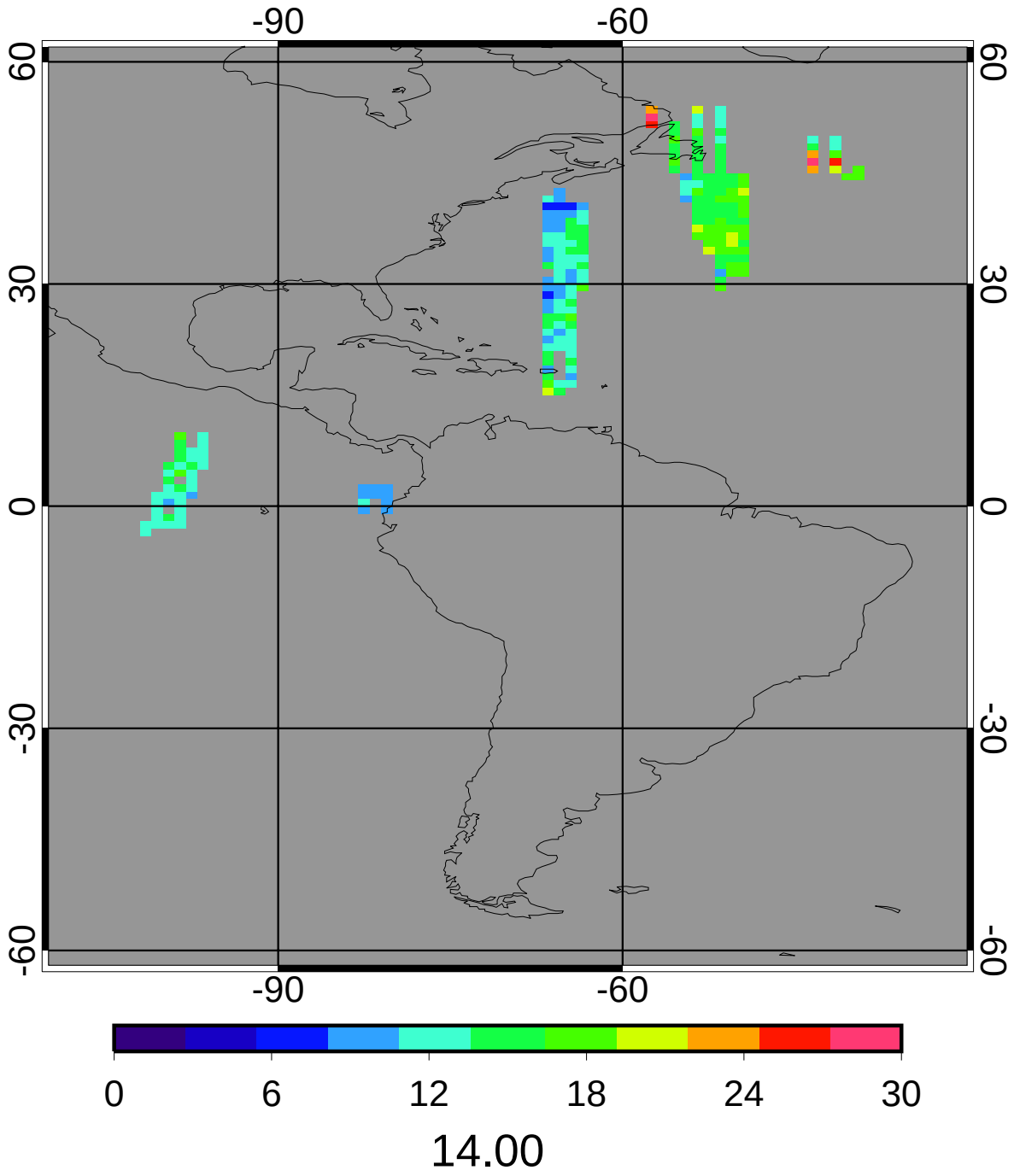
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



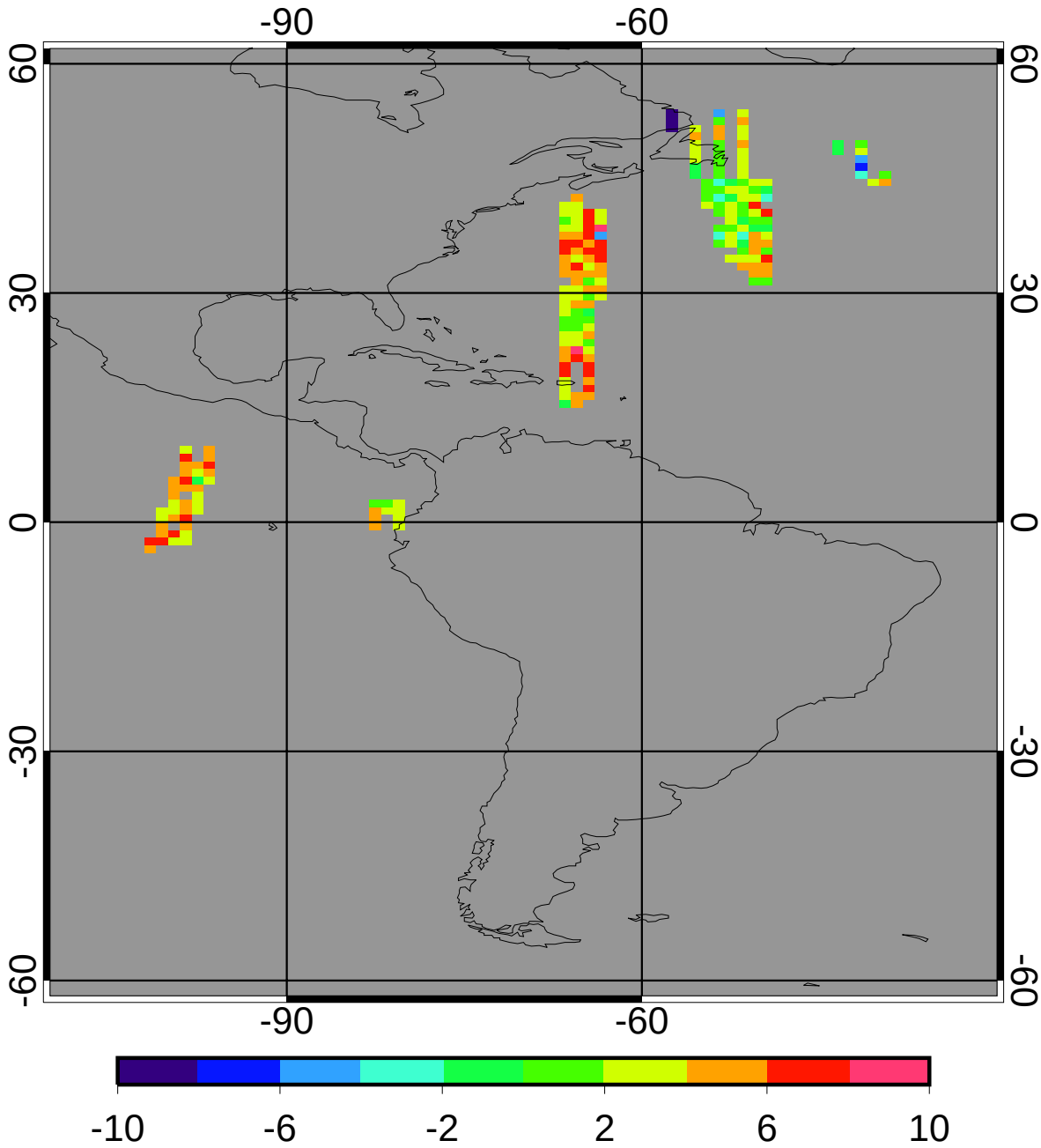
CERES/Terra MEAN Daytime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



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

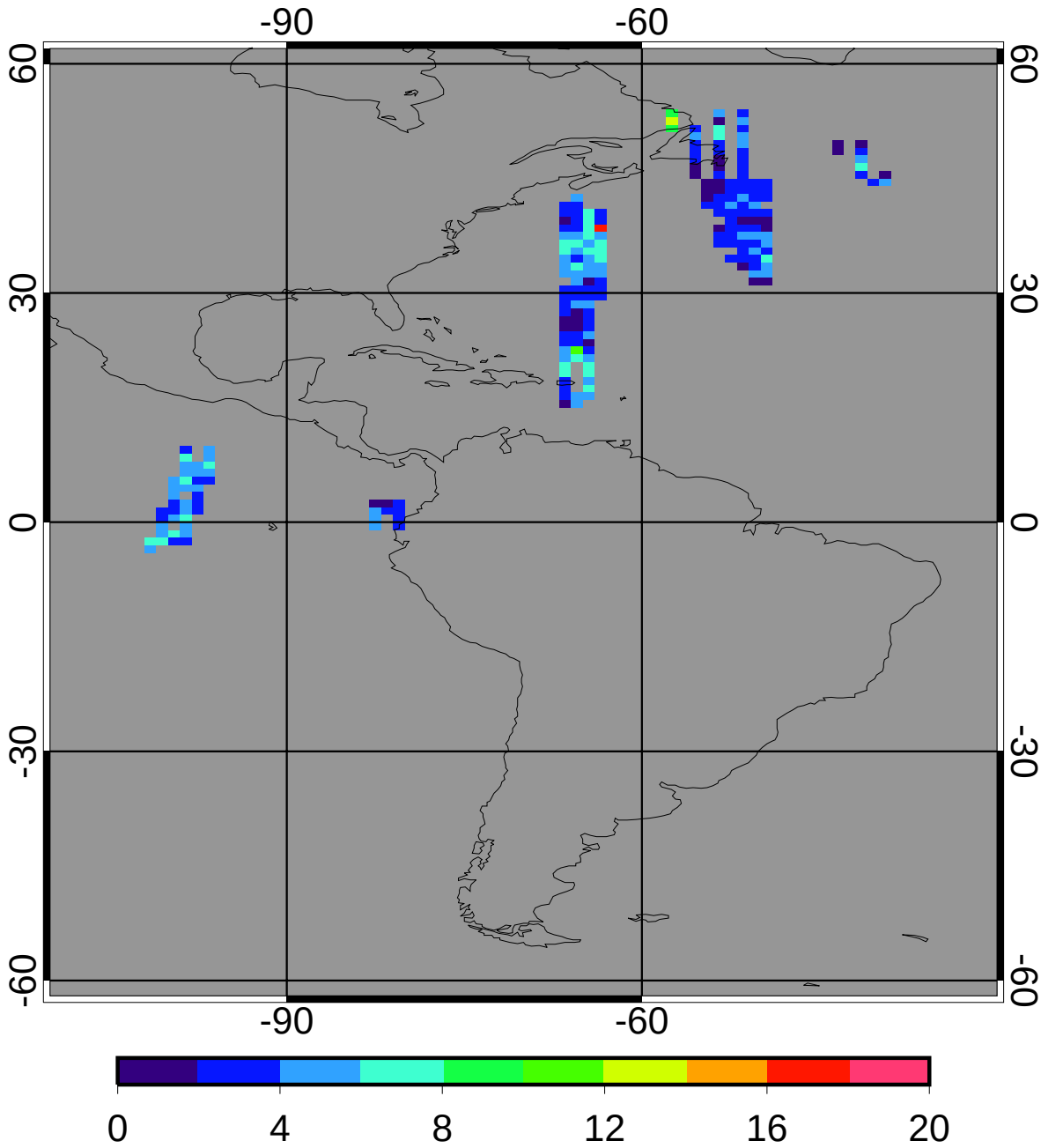
5ch_V01 Jan 2010 (matched angle)



bias	3.11	22.19%
domain sigma	2.54	18.11%

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

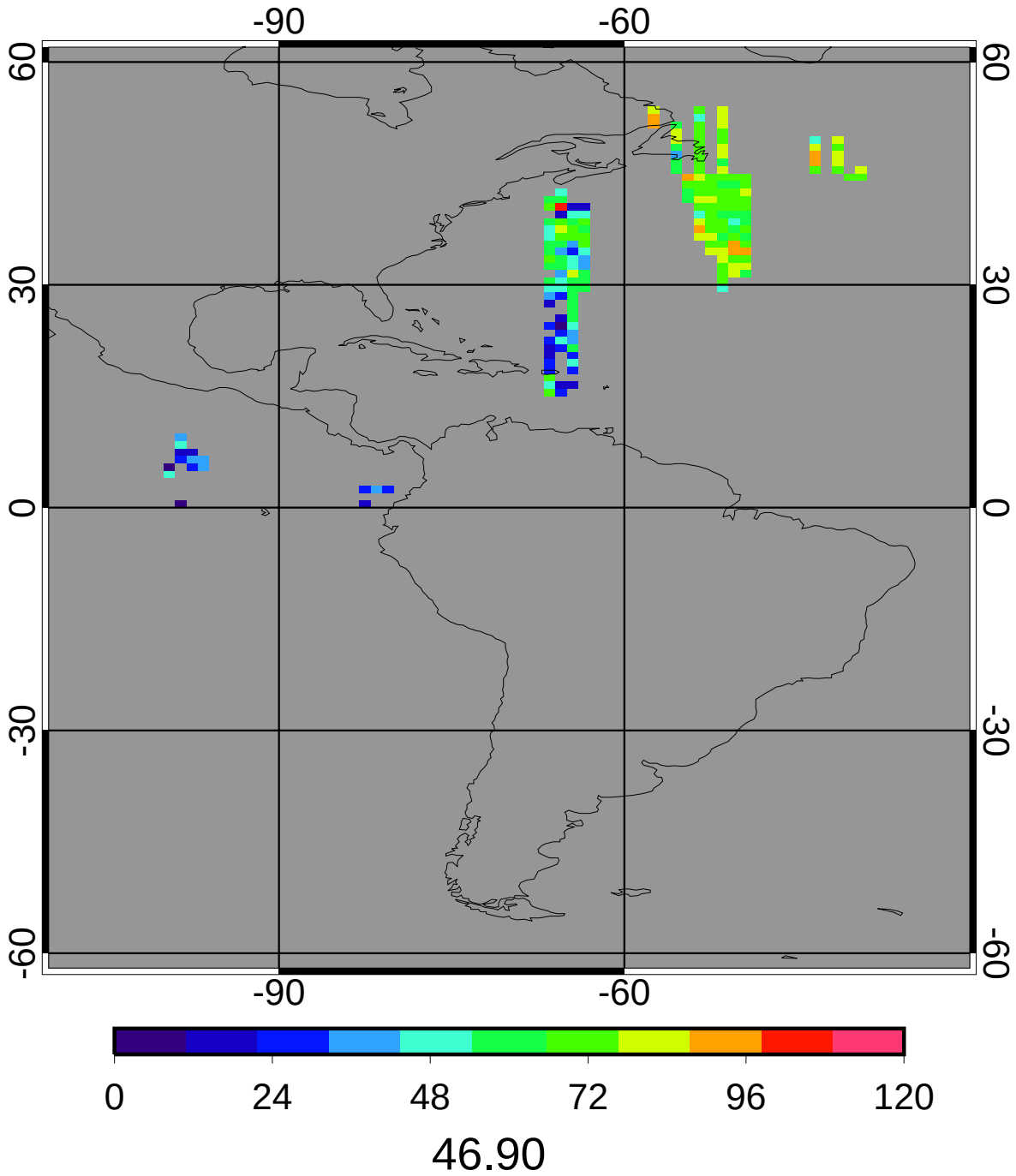
5ch_V01 Jan 2010 (matched angle)



regave rms	3.85	27.51%
domain rms	3.96	28.32%

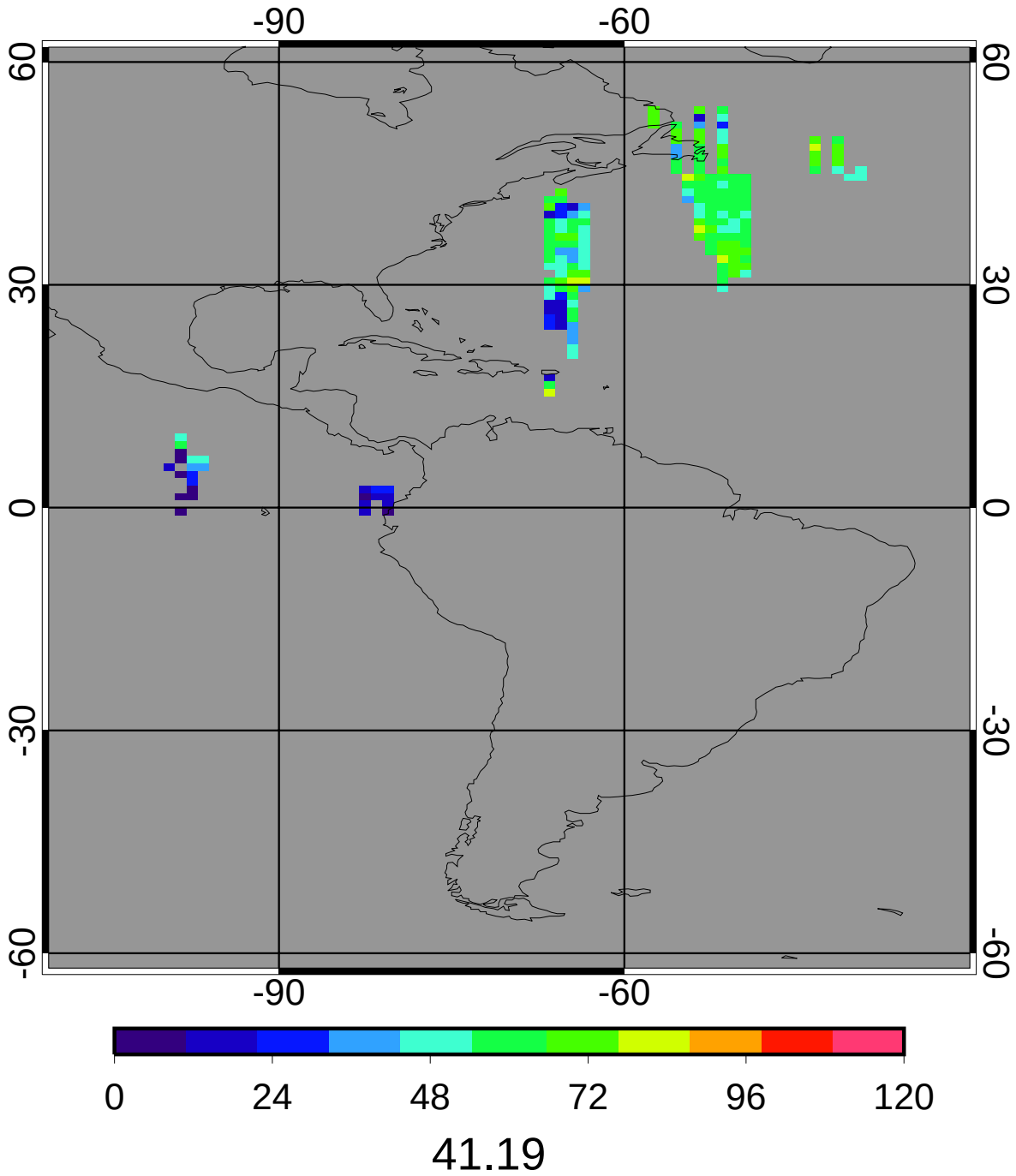
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



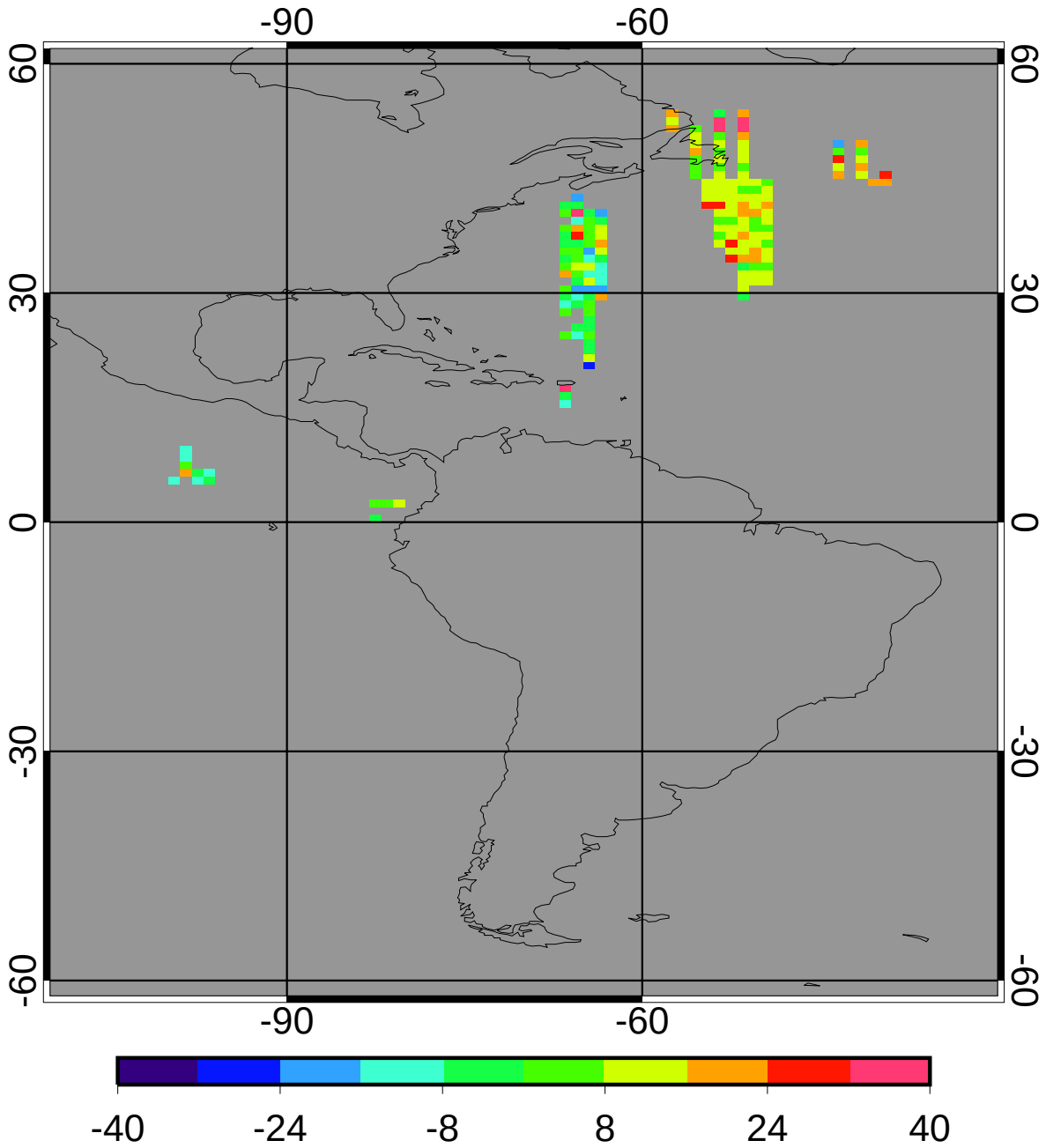
CERES/Terra MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



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

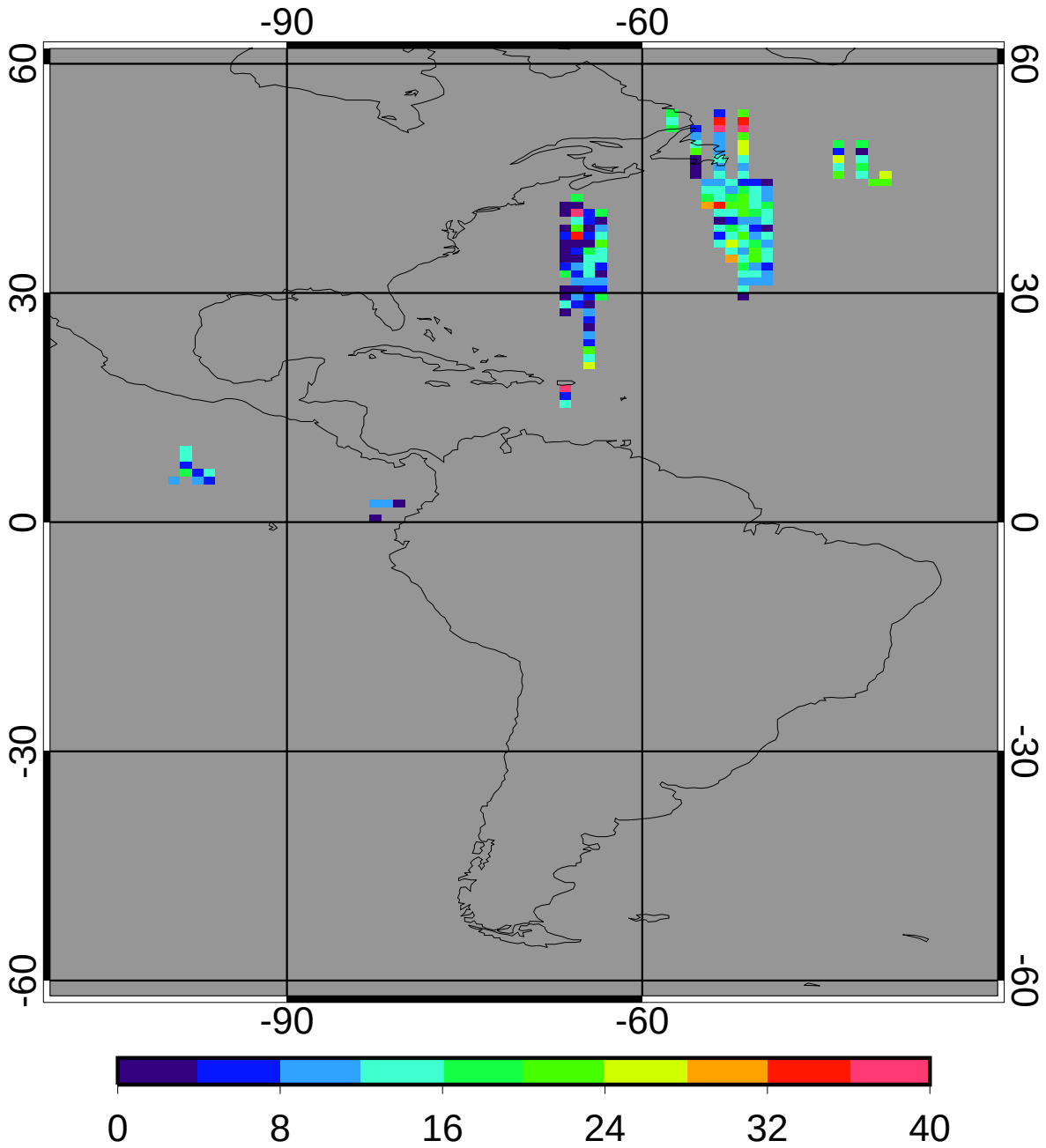
5ch_V01 Jan 2010 (matched angle)



bias	4.99	12.11%
domain sigma	10.39	25.23%

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

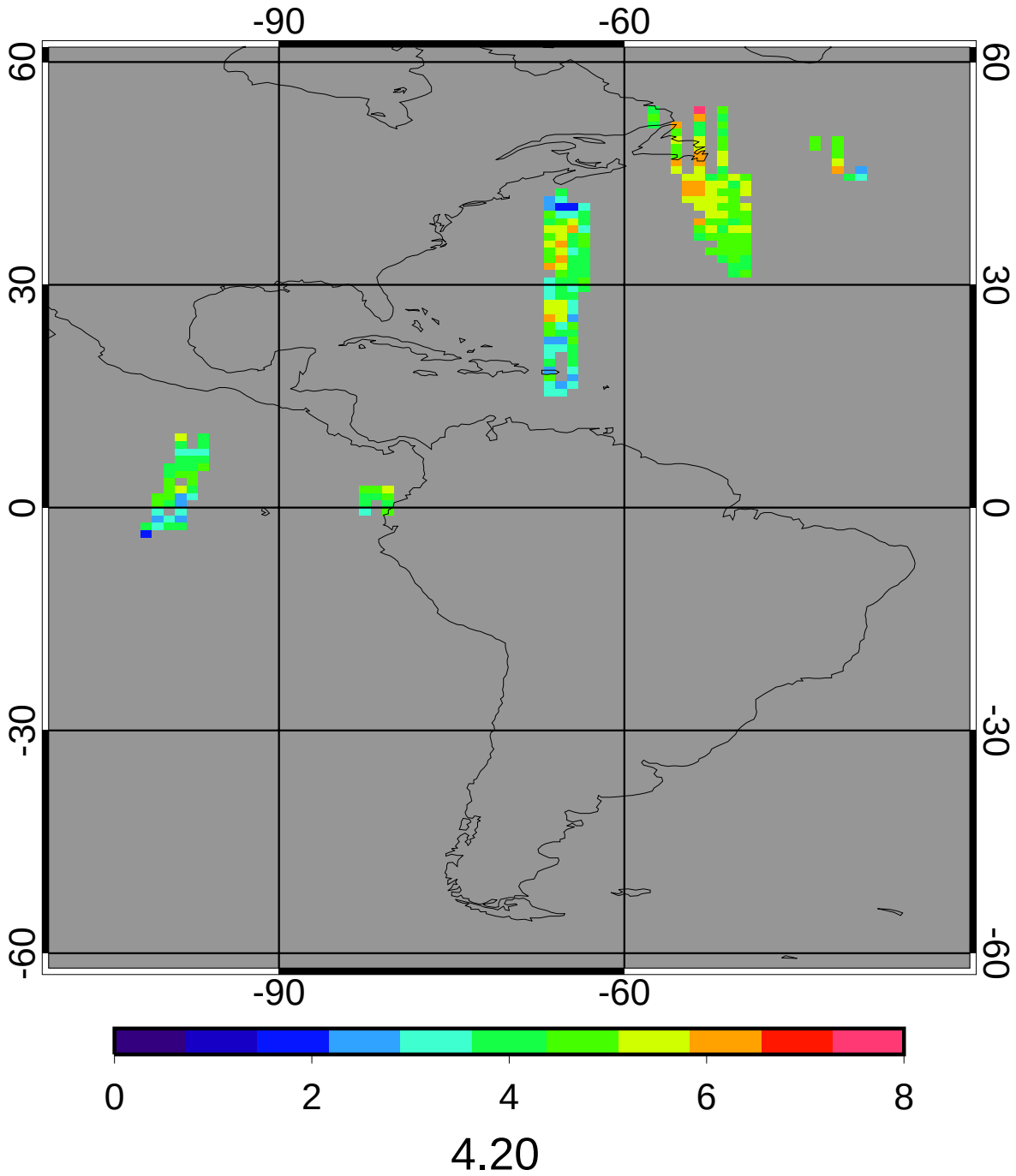
5ch_V01 Jan 2010 (matched angle)



regave rms	9.22	22.38%
domain rms	14.07	34.15%

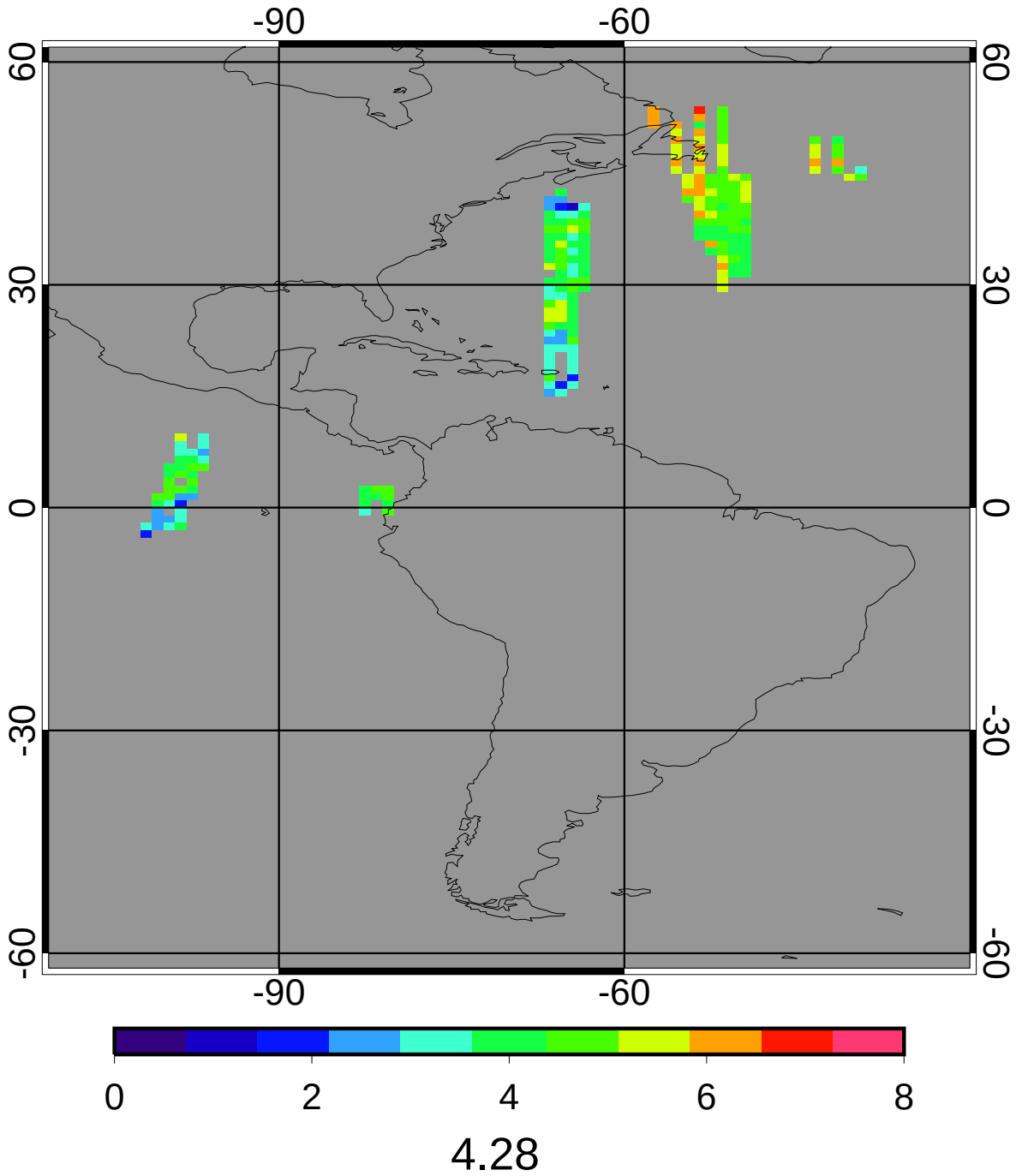
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



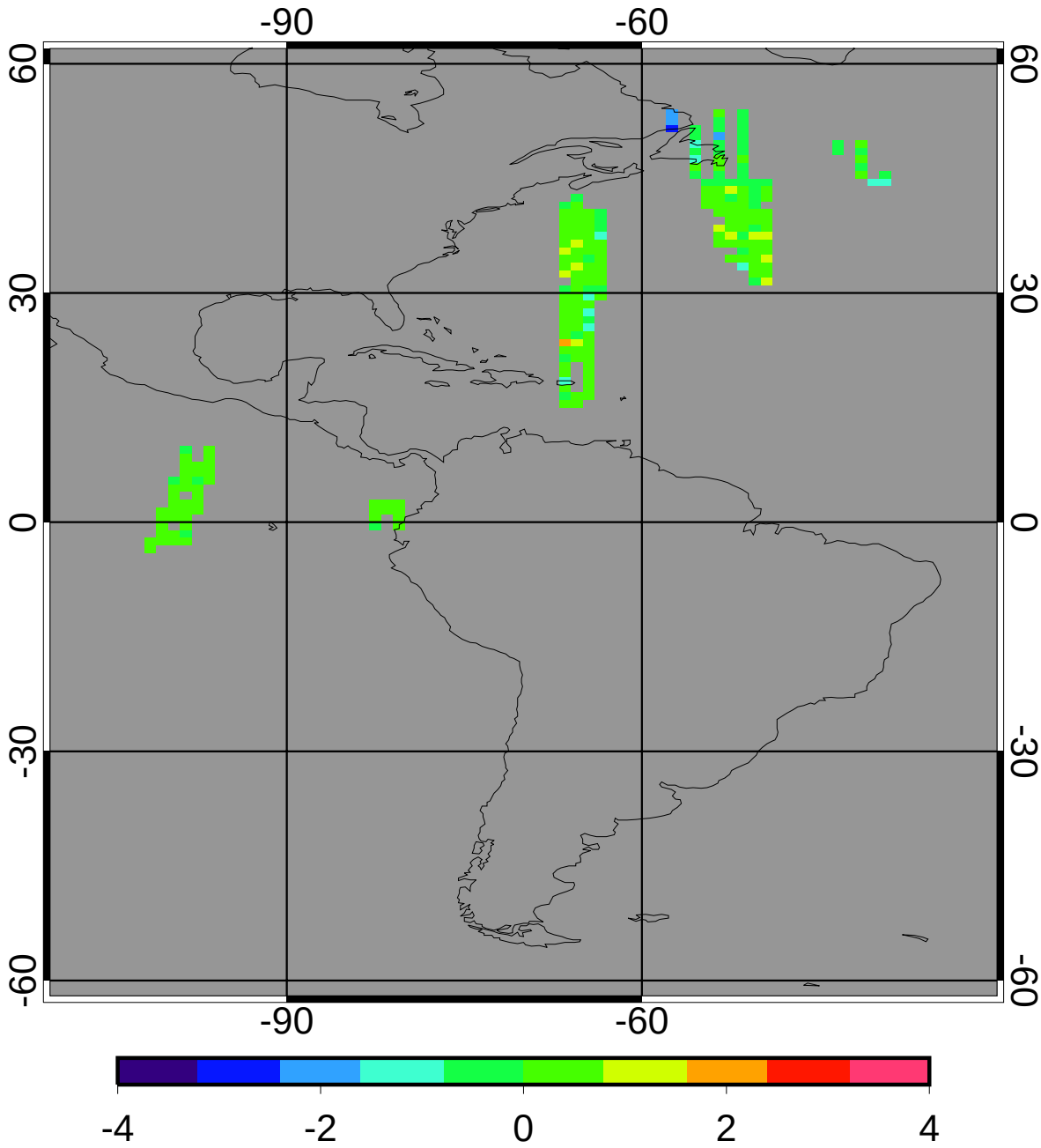
CERES/Terra MEAN Daytime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

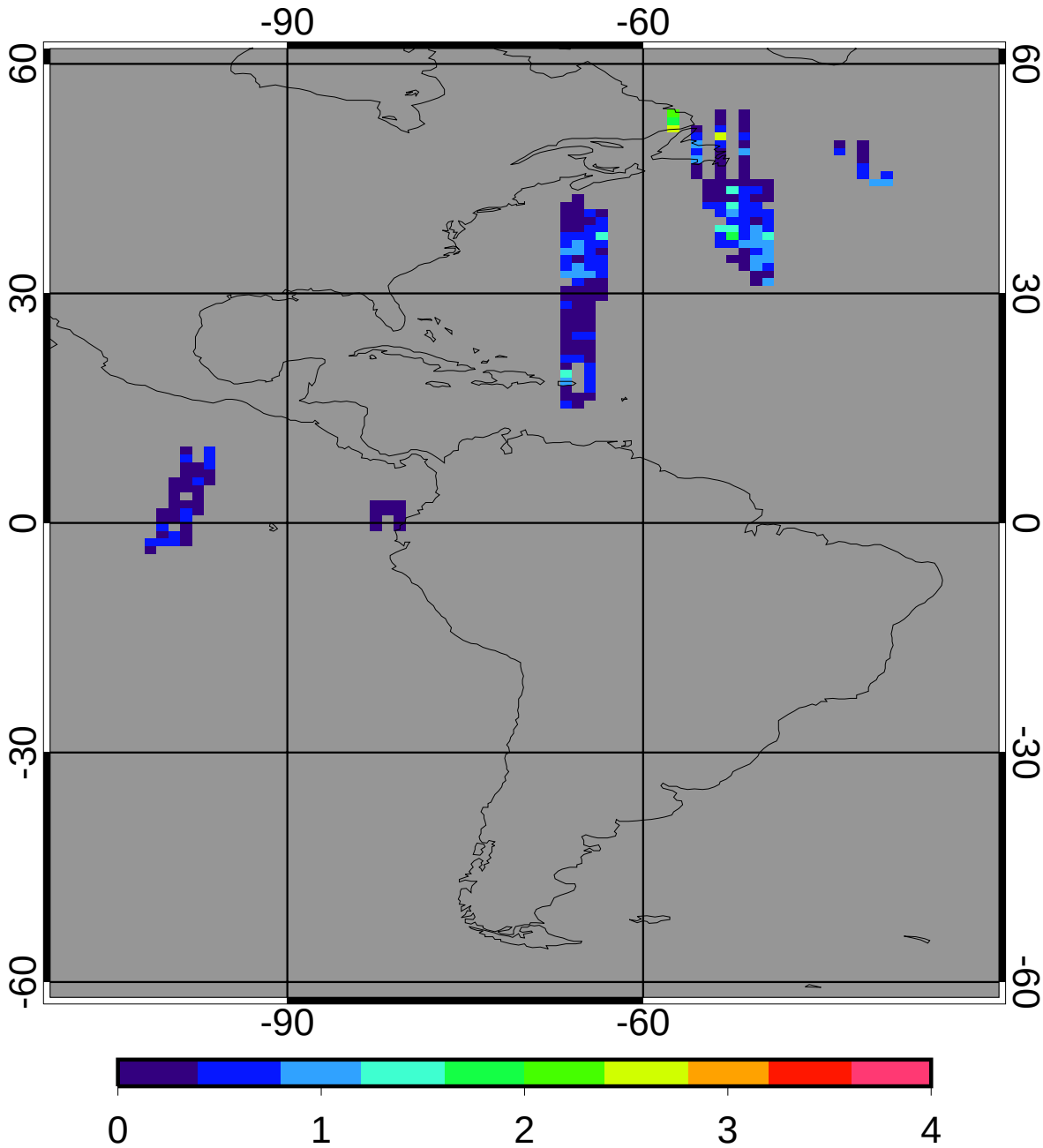
5ch_V01 Jan 2010 (matched angle)



bias	0.13	3.09%
domain sigma	0.43	10.05%

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

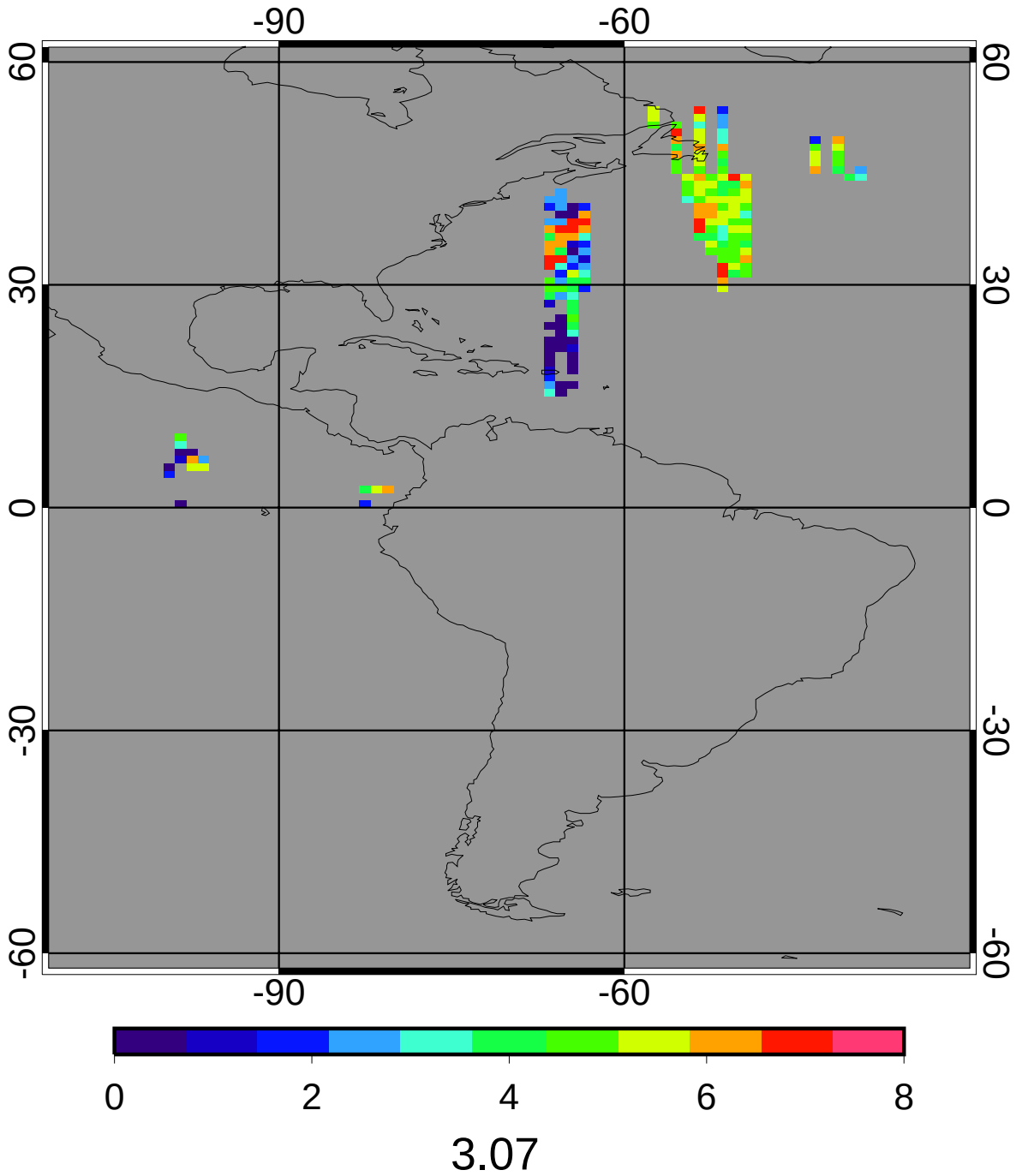
5ch_V01 Jan 2010 (matched angle)



regave rms	0.42	9.73%
domain rms	0.57	13.31%

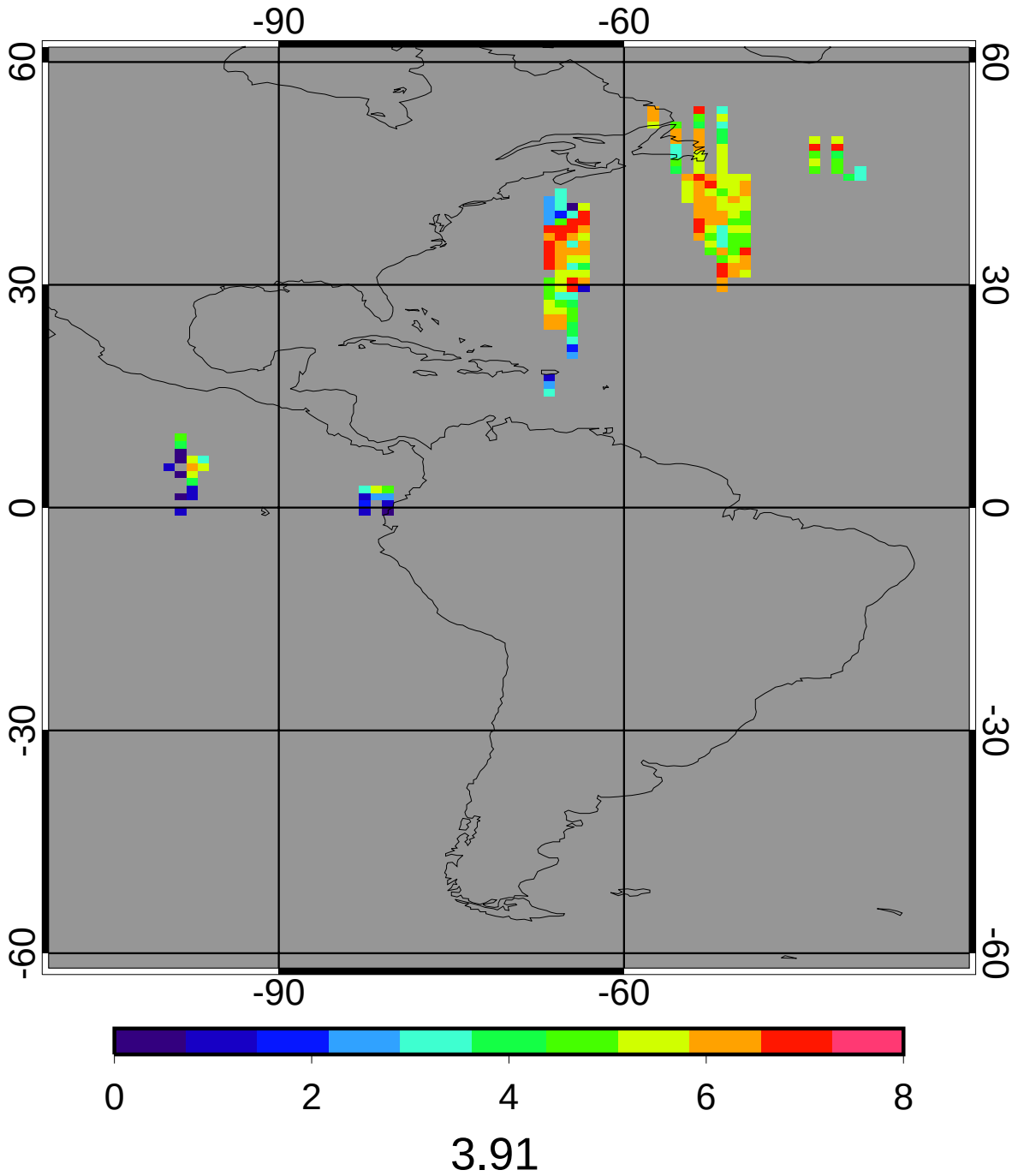
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



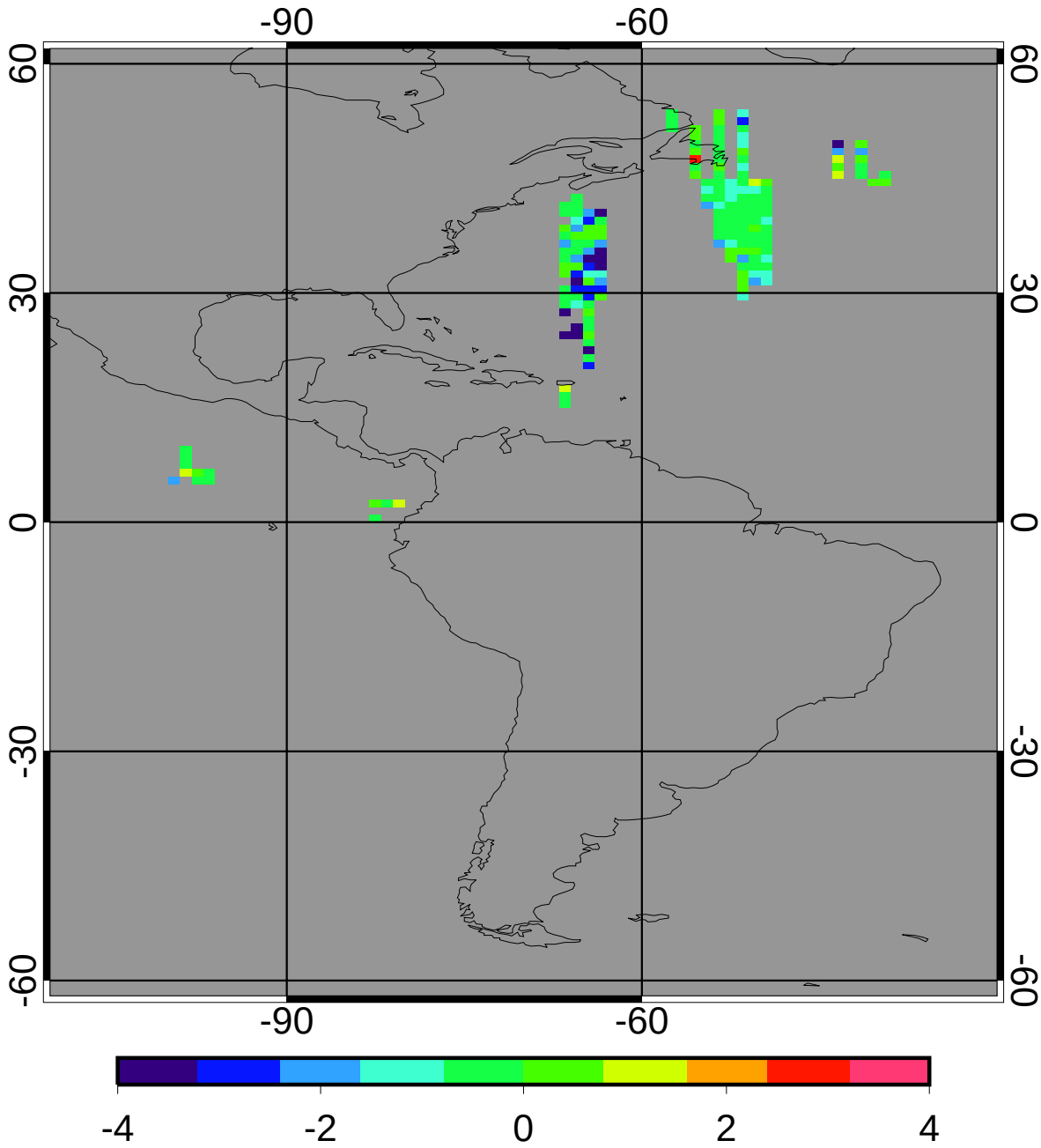
CERES/Terra MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

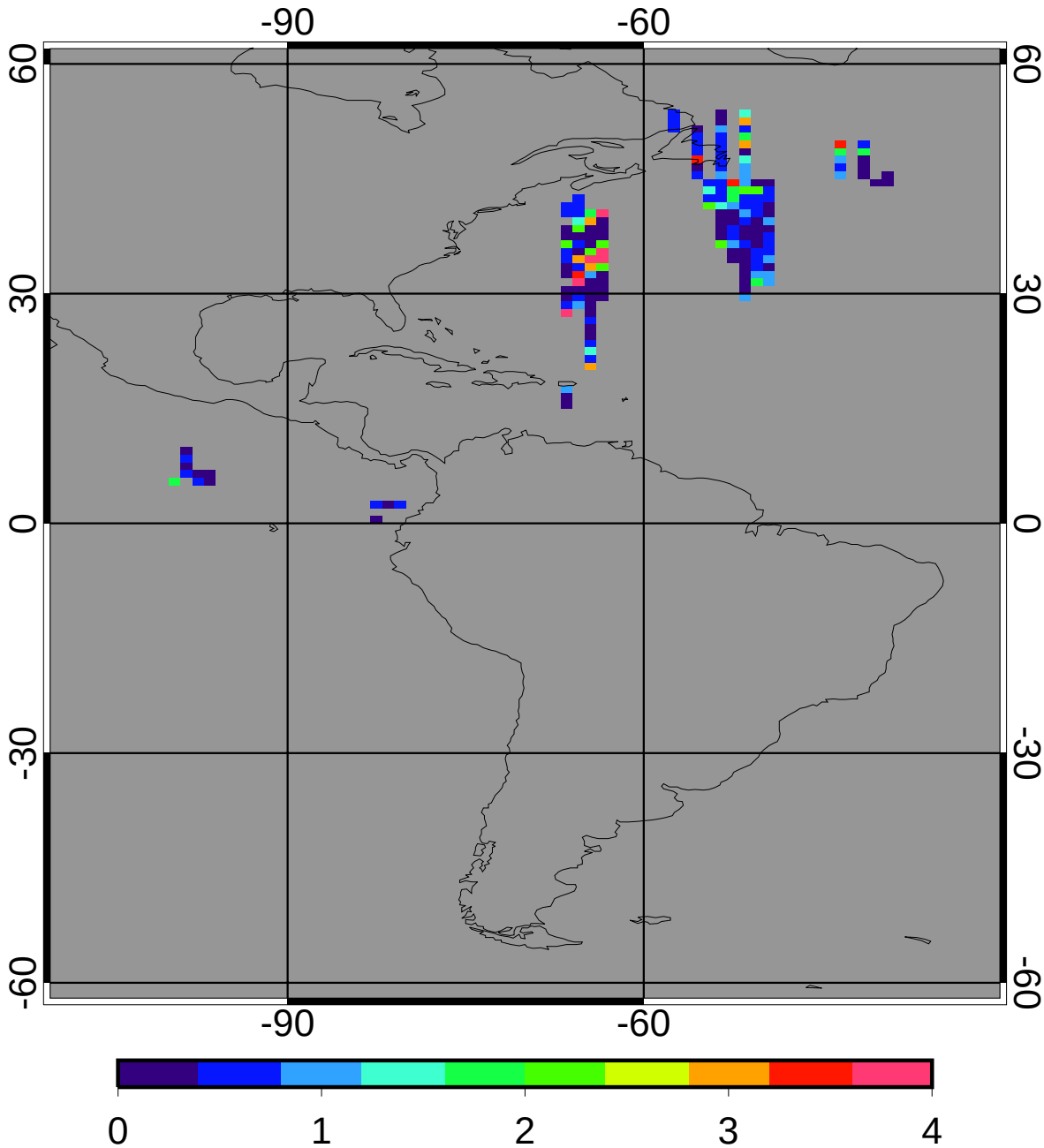
5ch_V01 Jan 2010 (matched angle)



bias	-0.61	-15.49%
domain sigma	1.19	30.40%

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

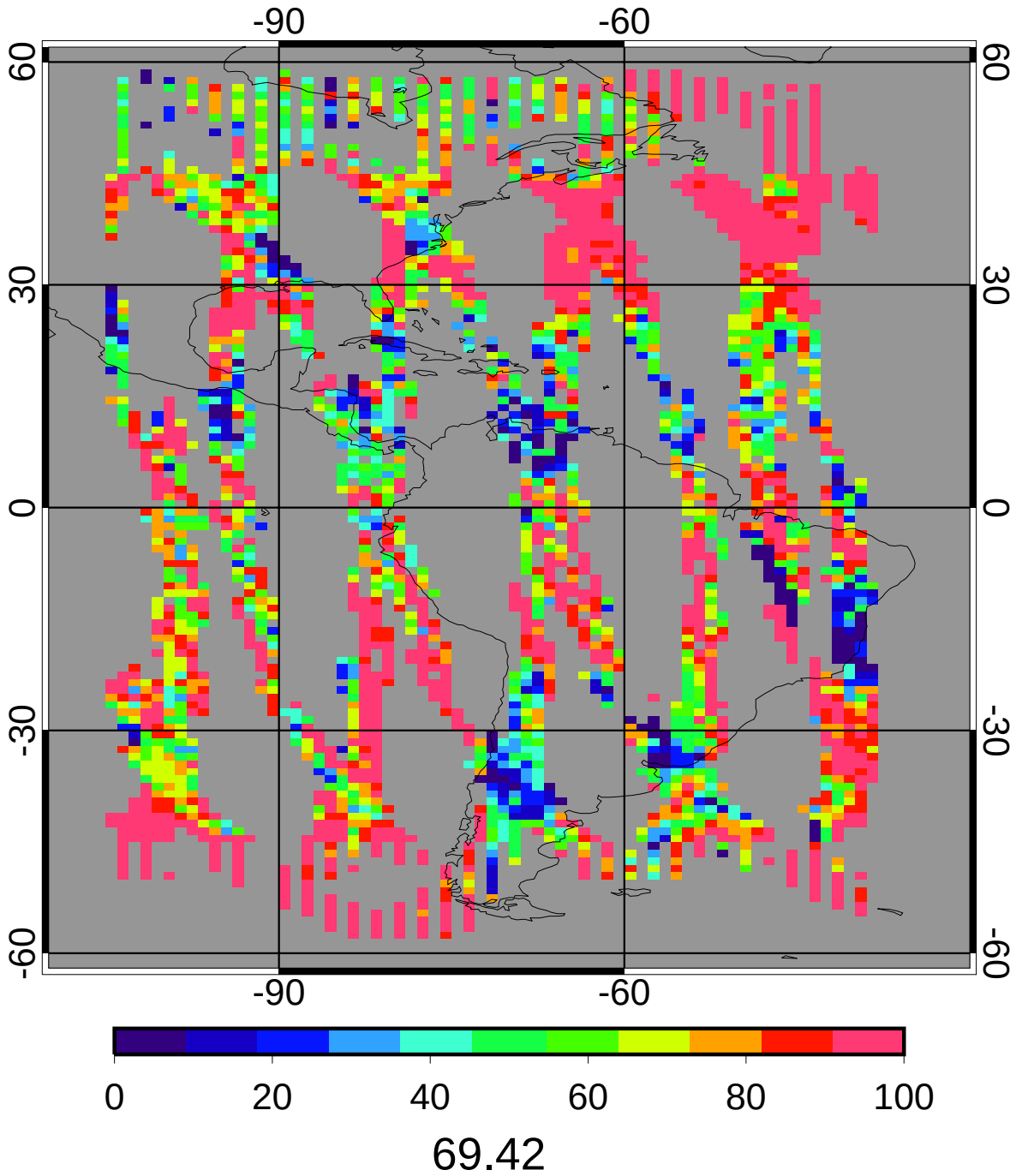
5ch_V01 Jan 2010 (matched angle)



regave rms	0.65	16.54%
domain rms	1.18	30.28%

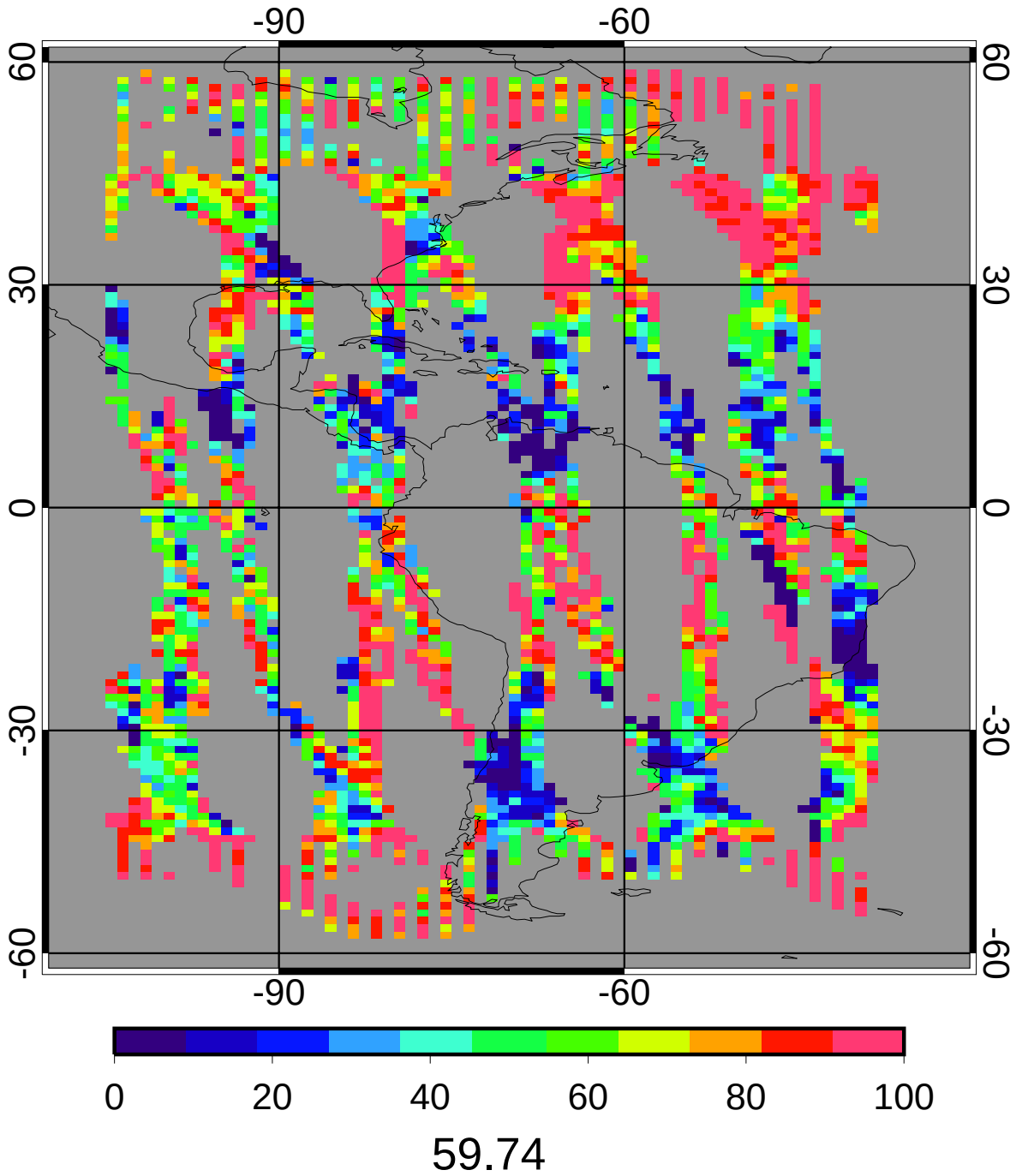
GGEO MEAN Nighttime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



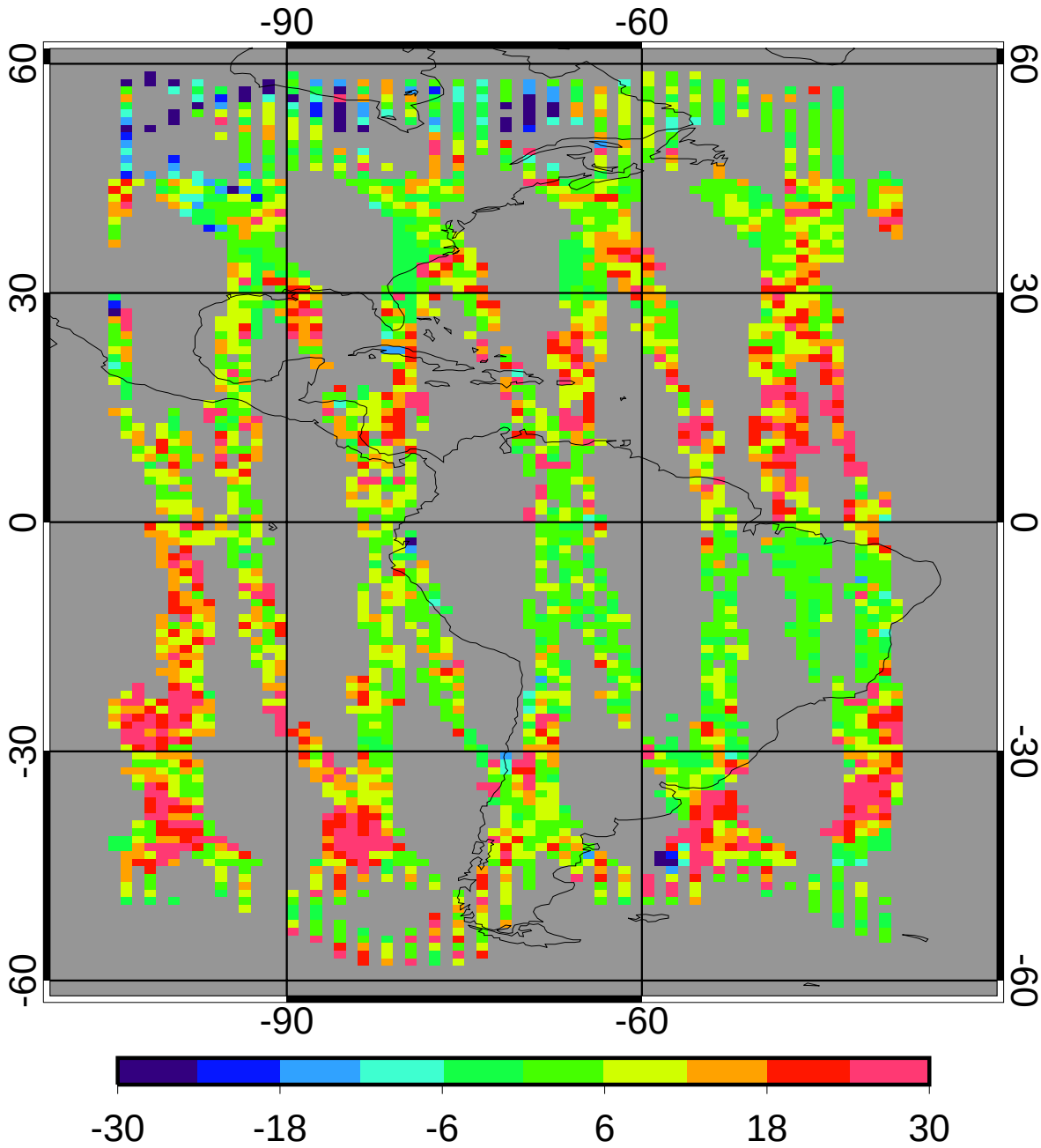
CERES/Terra MEAN Nighttime Cloud Amount (%)

5ch_V01 Jan 2010 (matched angle)



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

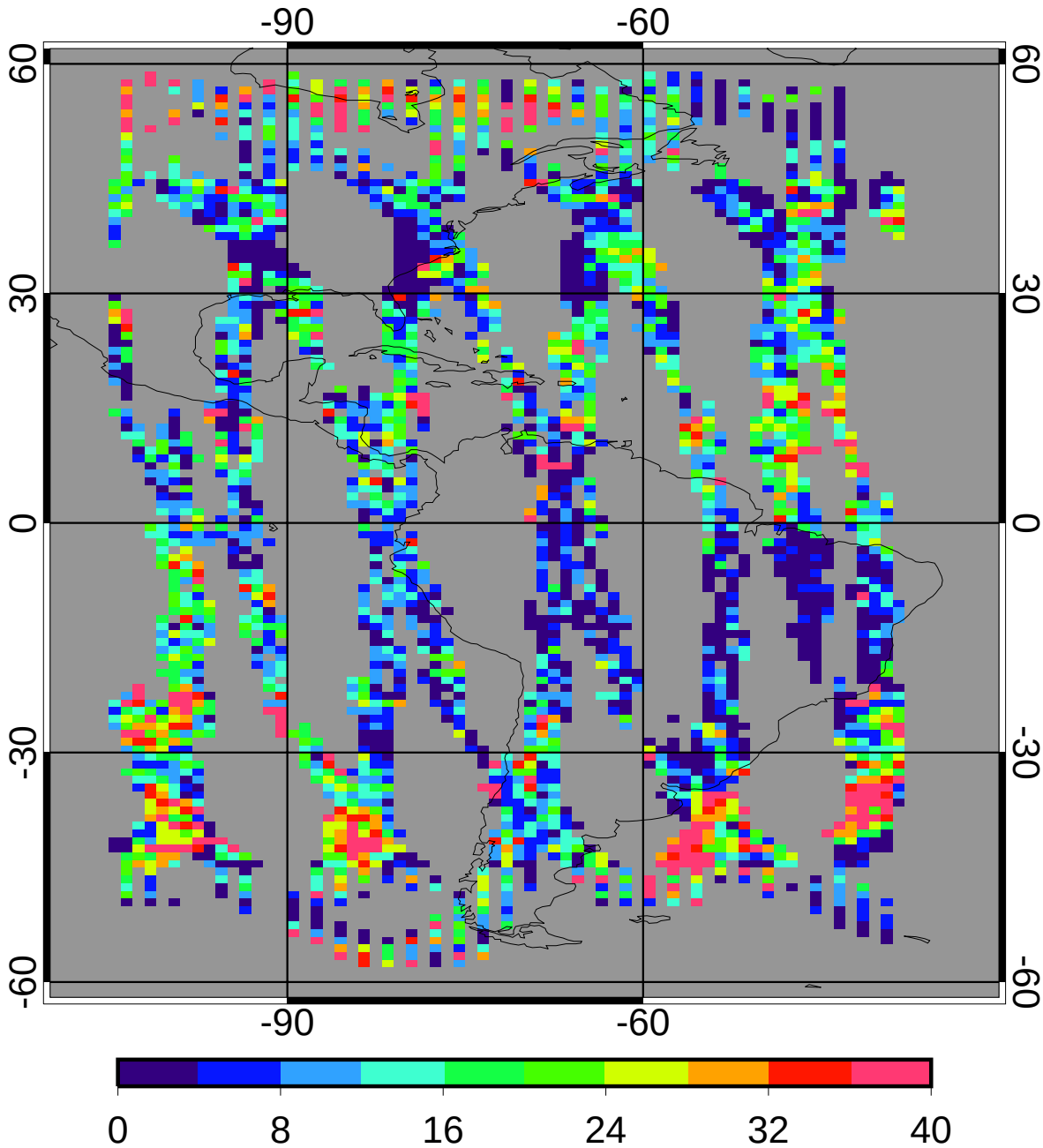
5ch_V01 Jan 2010 (matched angle)



bias	9.69	16.22%
domain sigma	10.84	18.15%

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

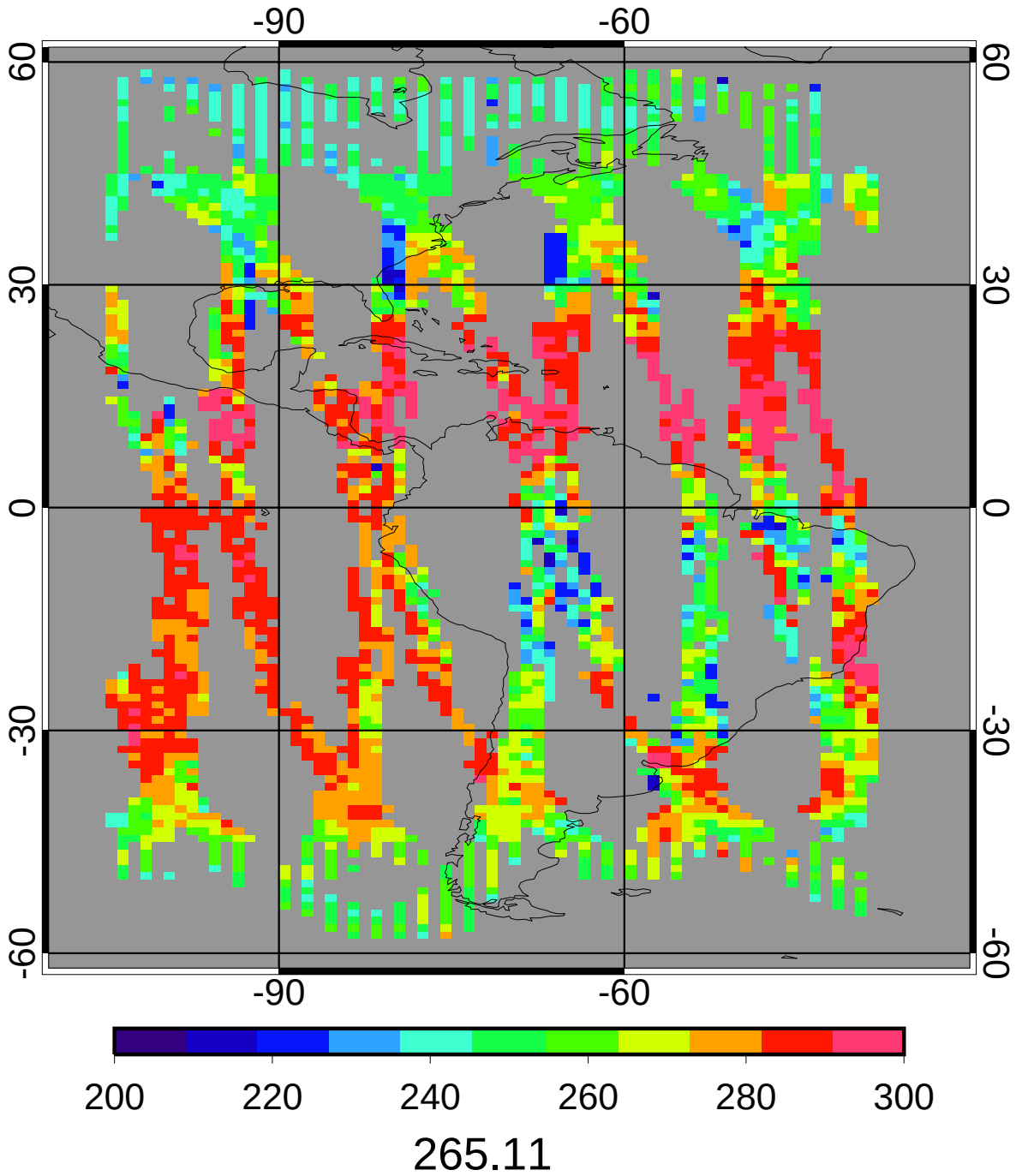
5ch_V01 Jan 2010 (matched angle)



regave rms	13.86	23.20%
domain rms	17.28	28.93%

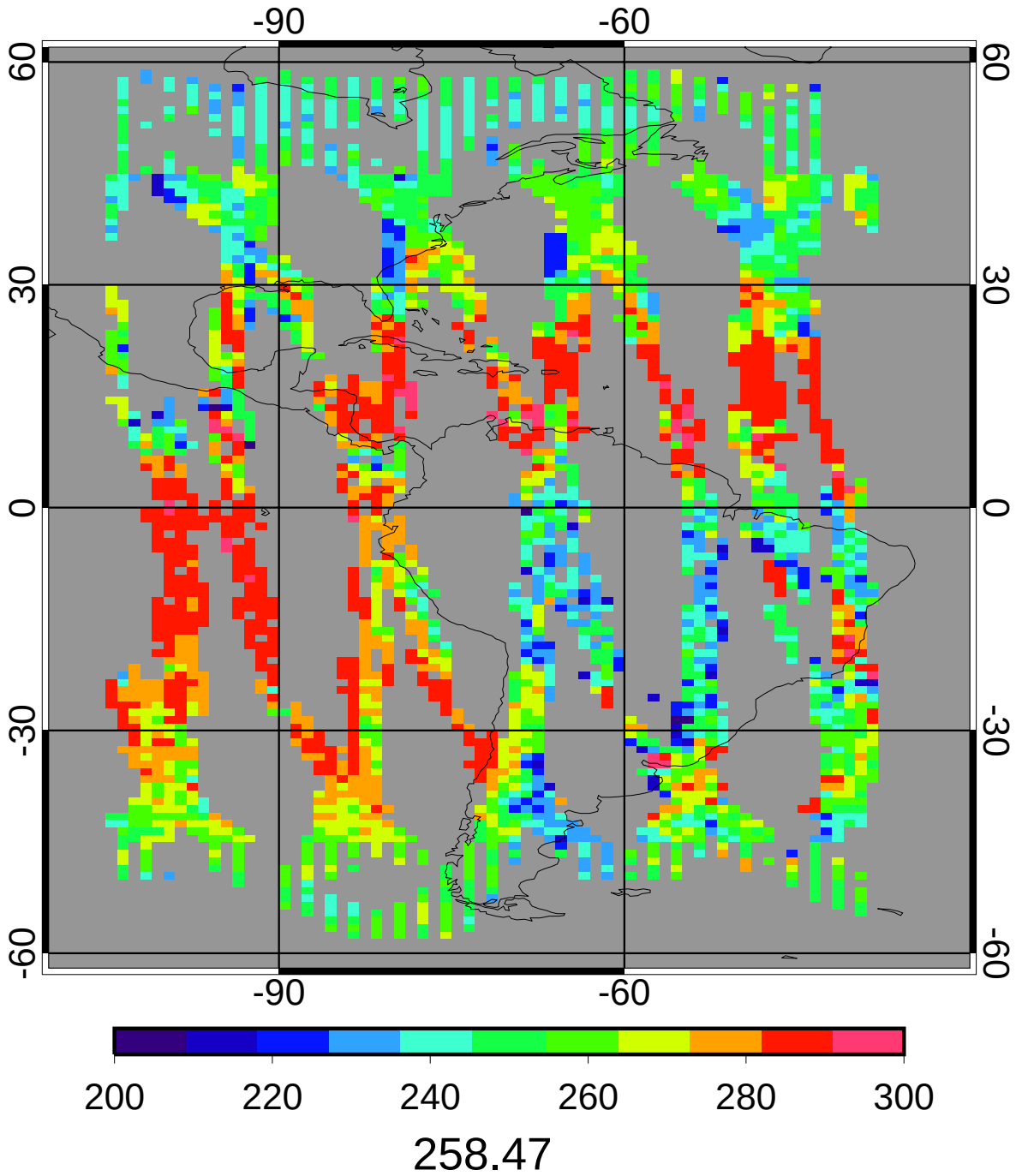
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



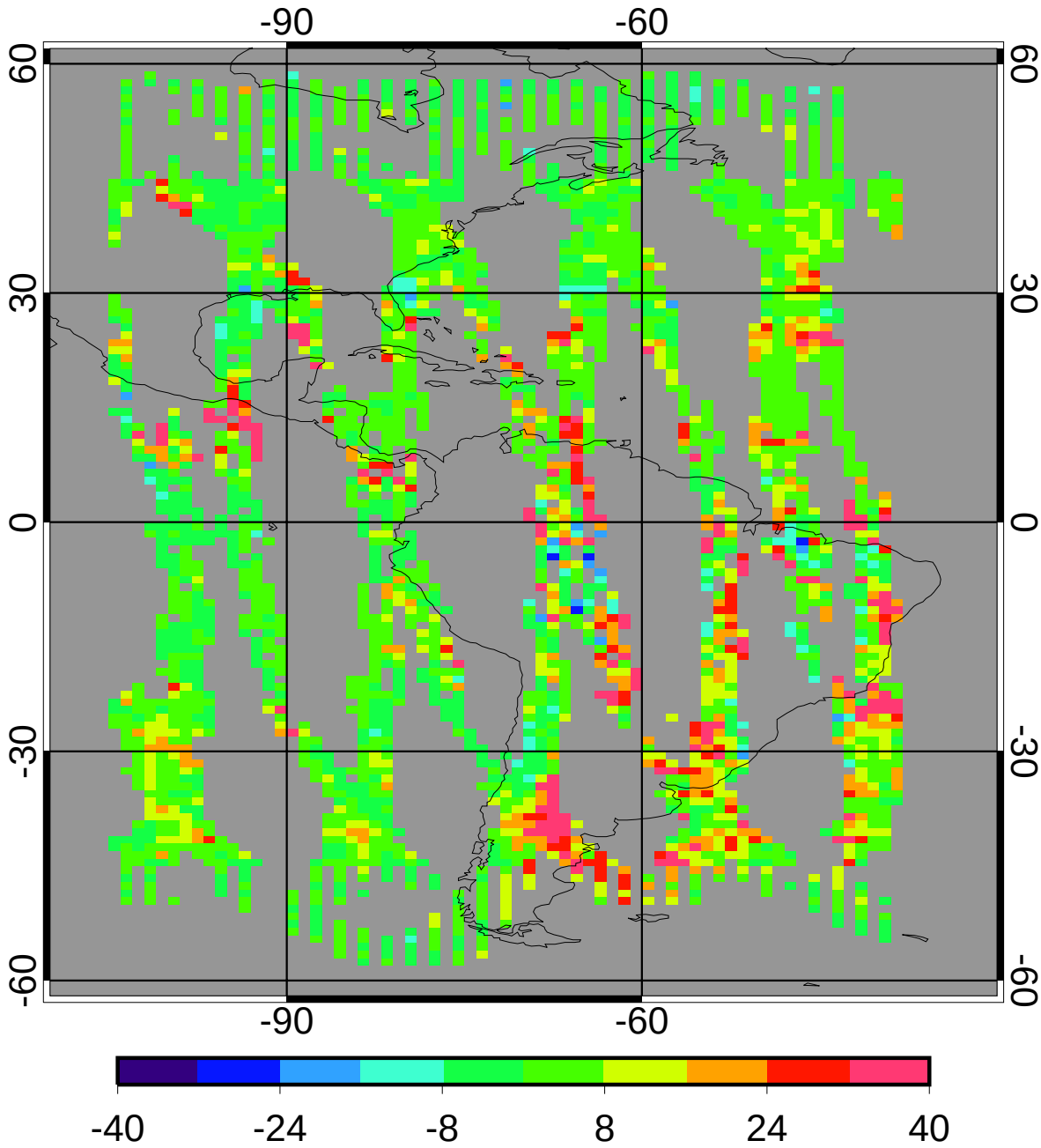
CERES/Terra MEAN Nighttime Cloud Temperature (K)

5ch_V01 Jan 2010 (matched angle)



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

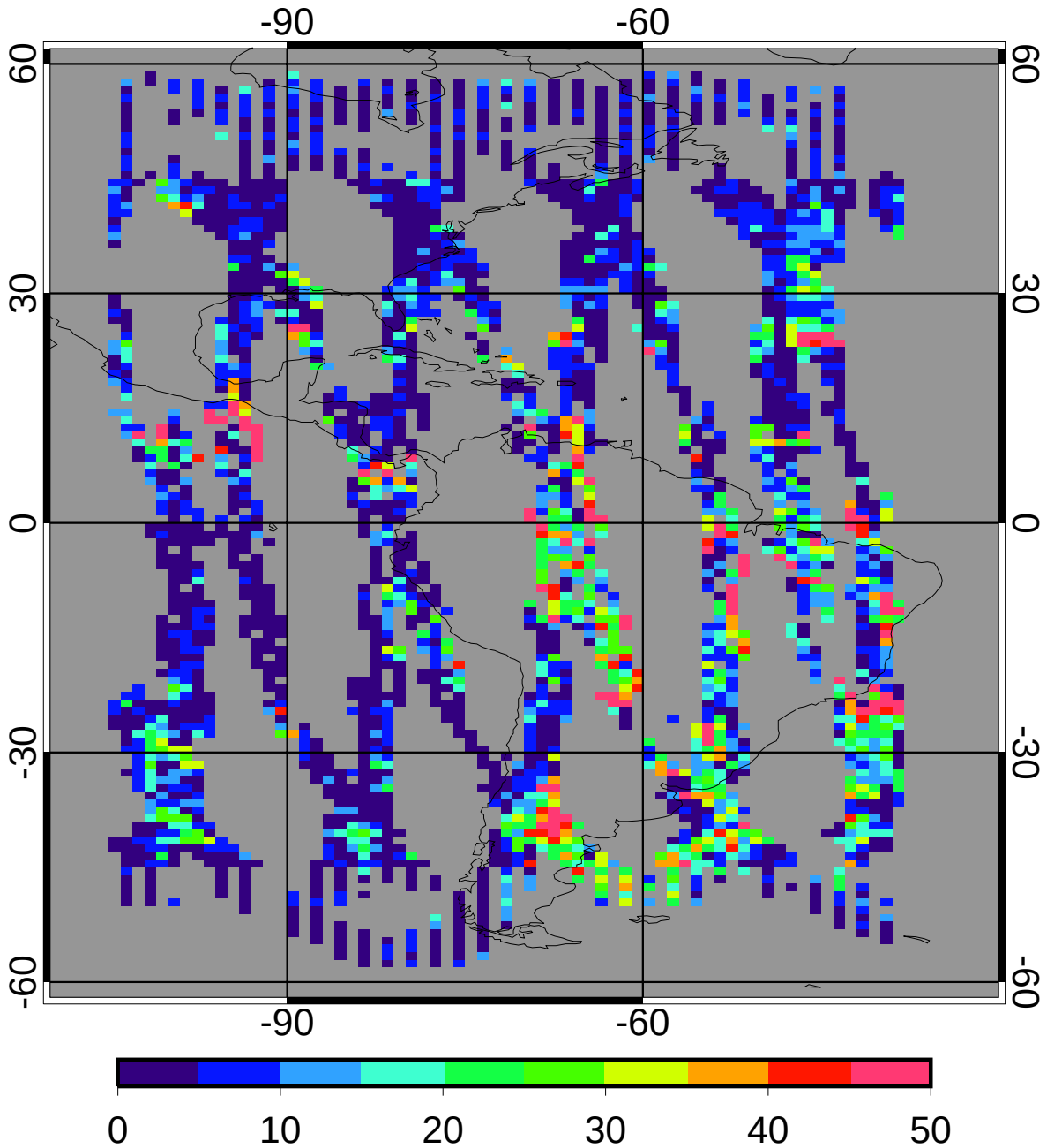
5ch_V01 Jan 2010 (matched angle)



bias	6.39	2.47%
domain sigma	11.44	4.43%

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

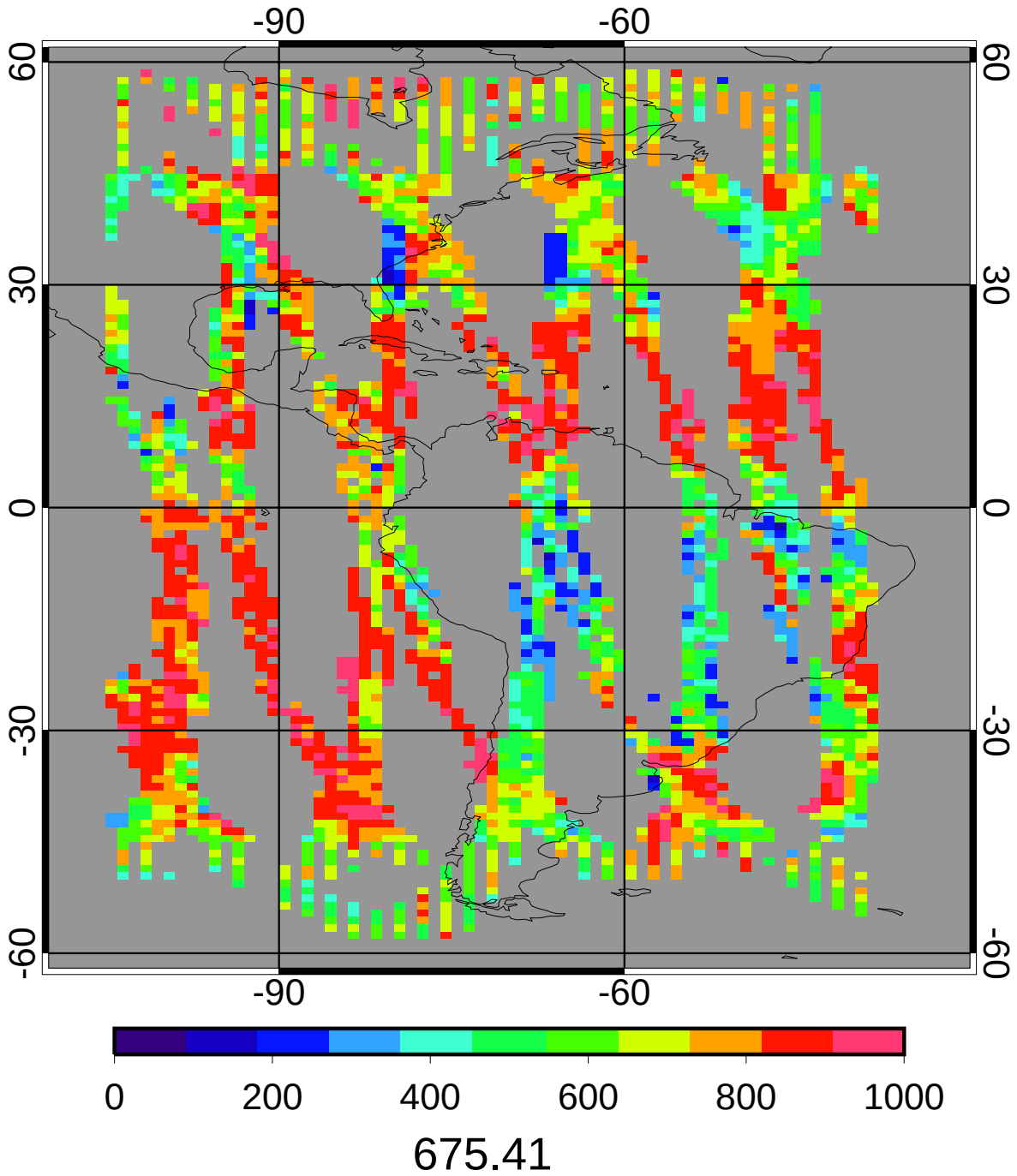
5ch_V01 Jan 2010 (matched angle)



regave rms	10.90	4.22%
domain rms	14.85	5.75%

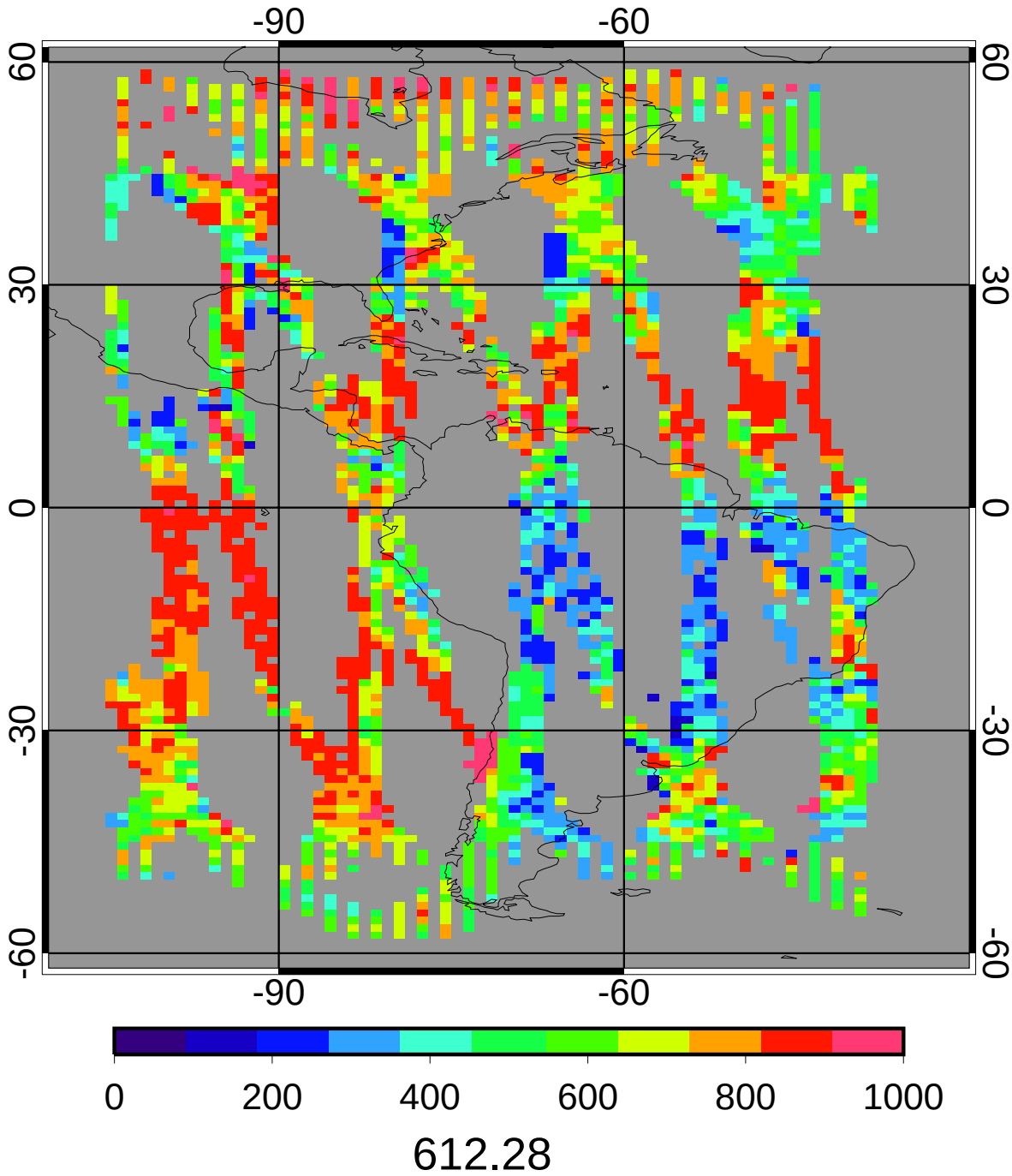
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



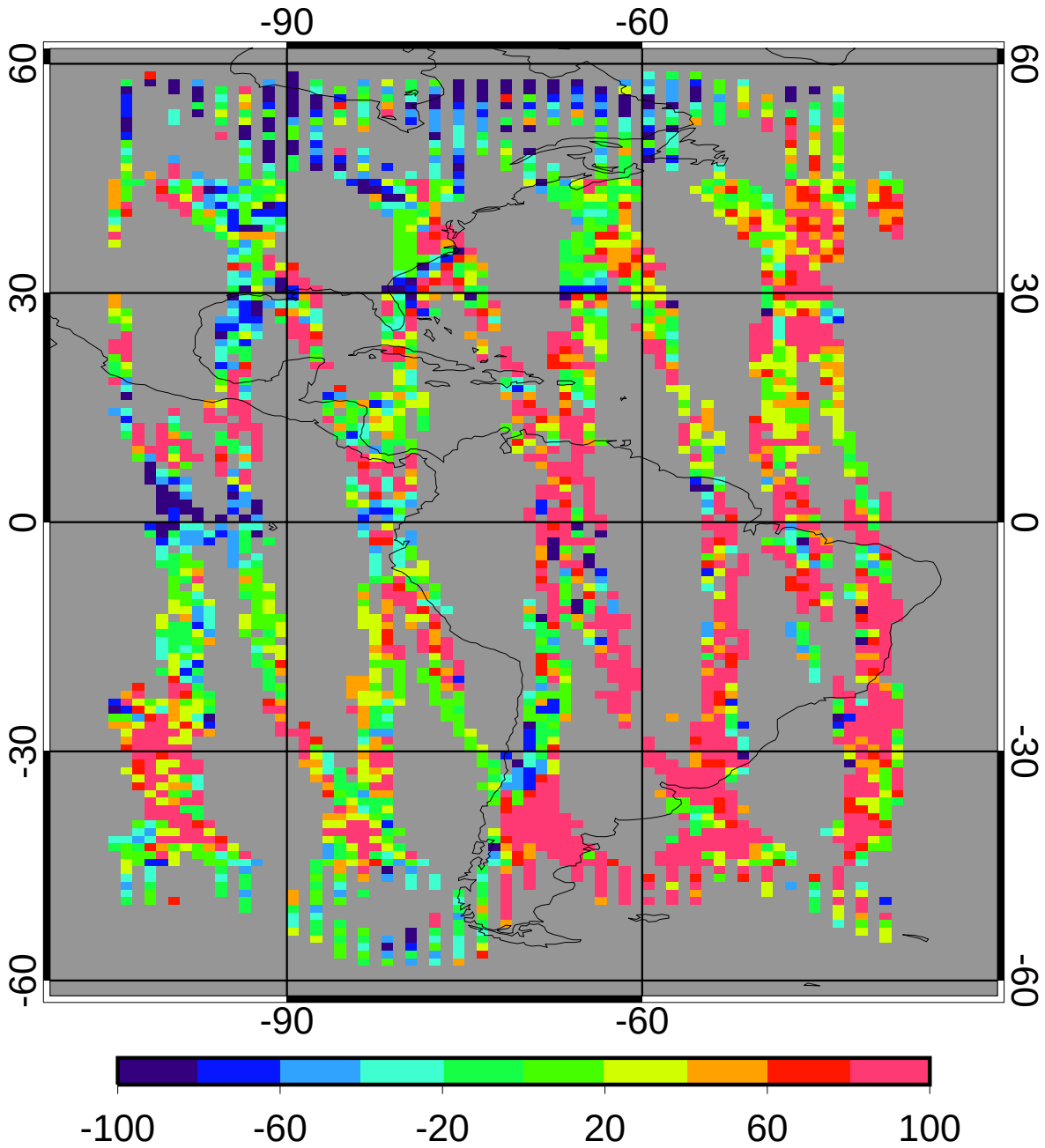
CERES/Terra MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

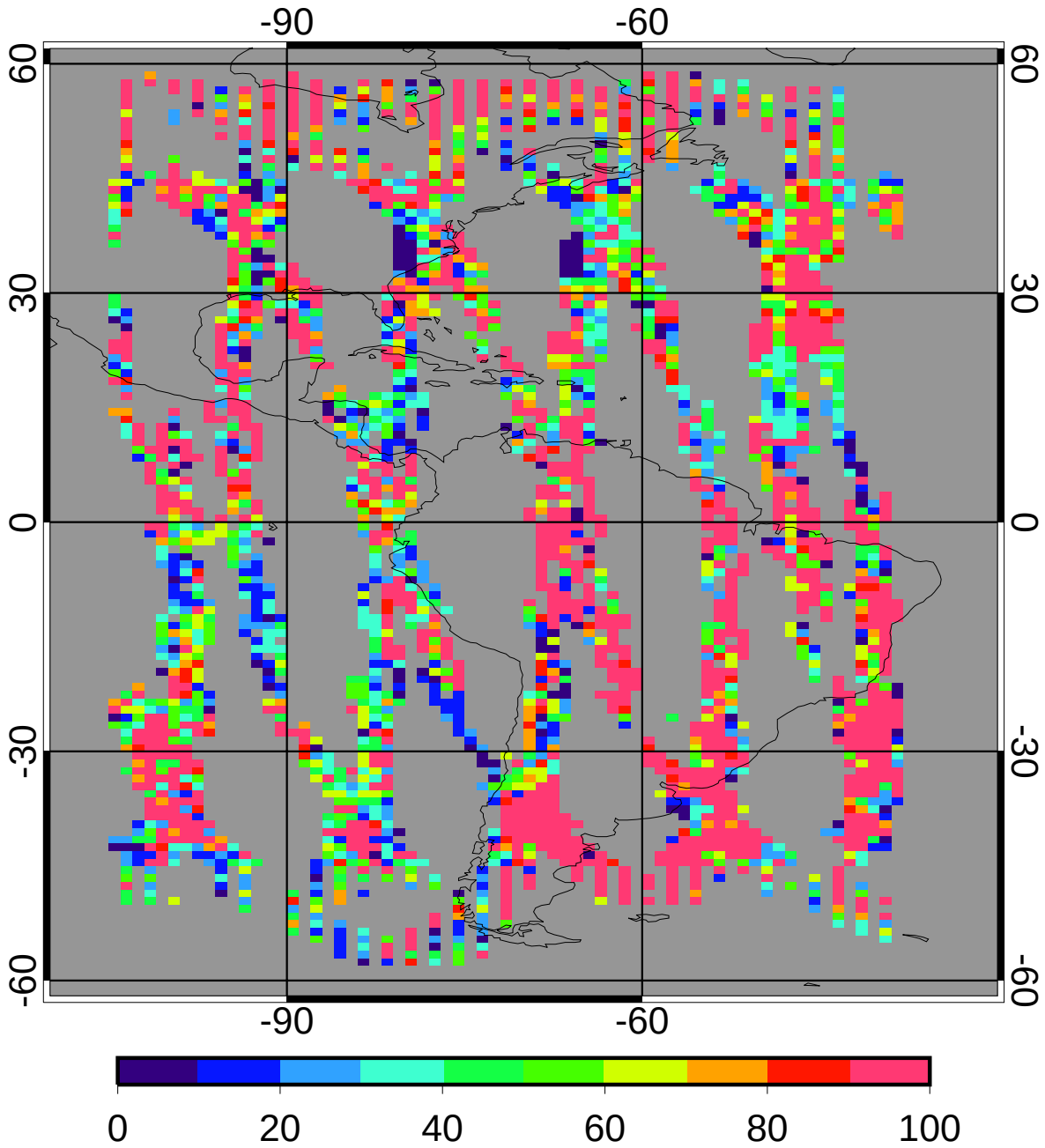
5ch_V01 Jan 2010 (matched angle)



bias	61.68	10.07%
domain sigma	108.25	17.68%

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

5ch_V01 Jan 2010 (matched angle)

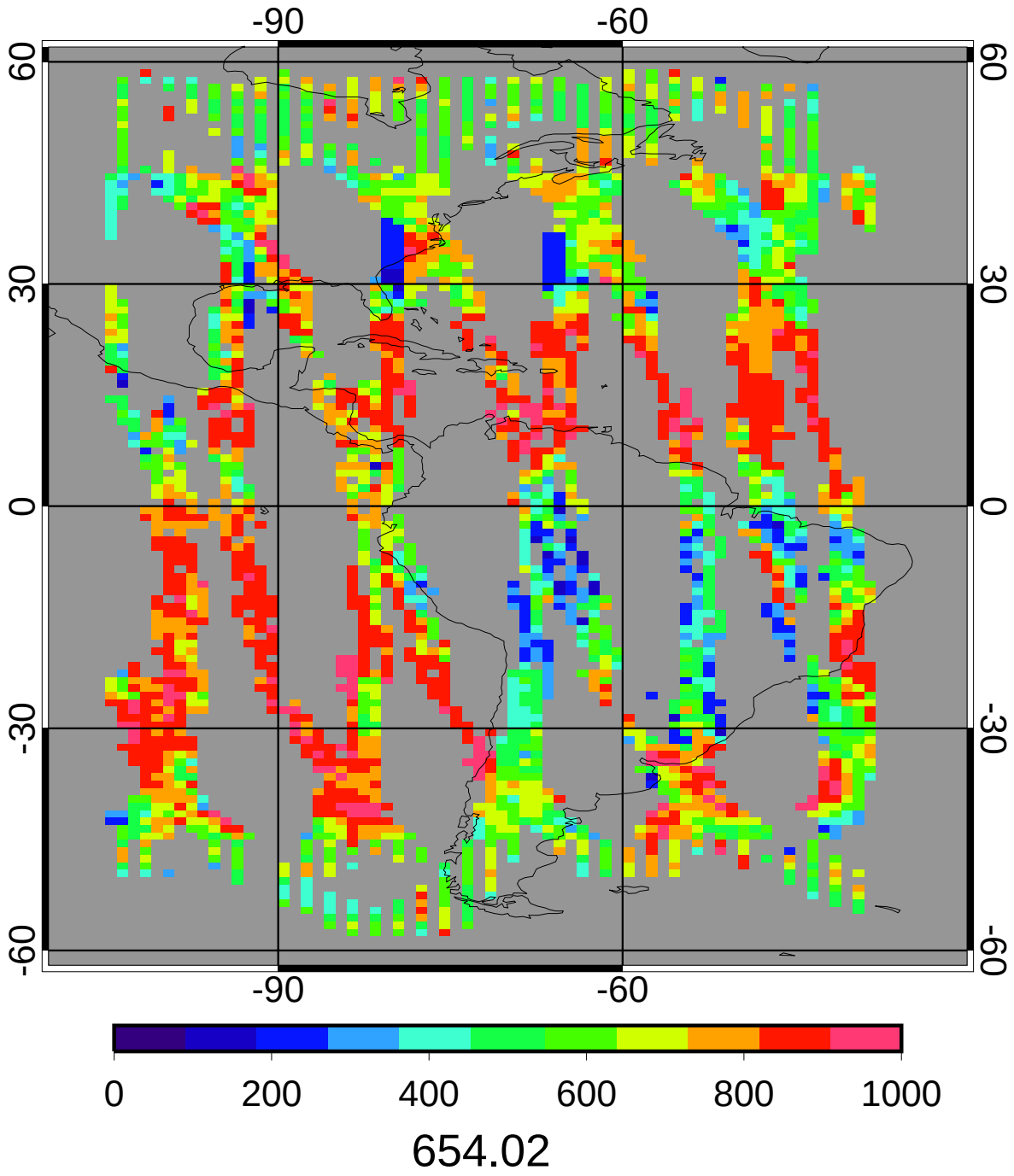


regave rms 111.34 18.18%

domain rms 145.83 23.82%

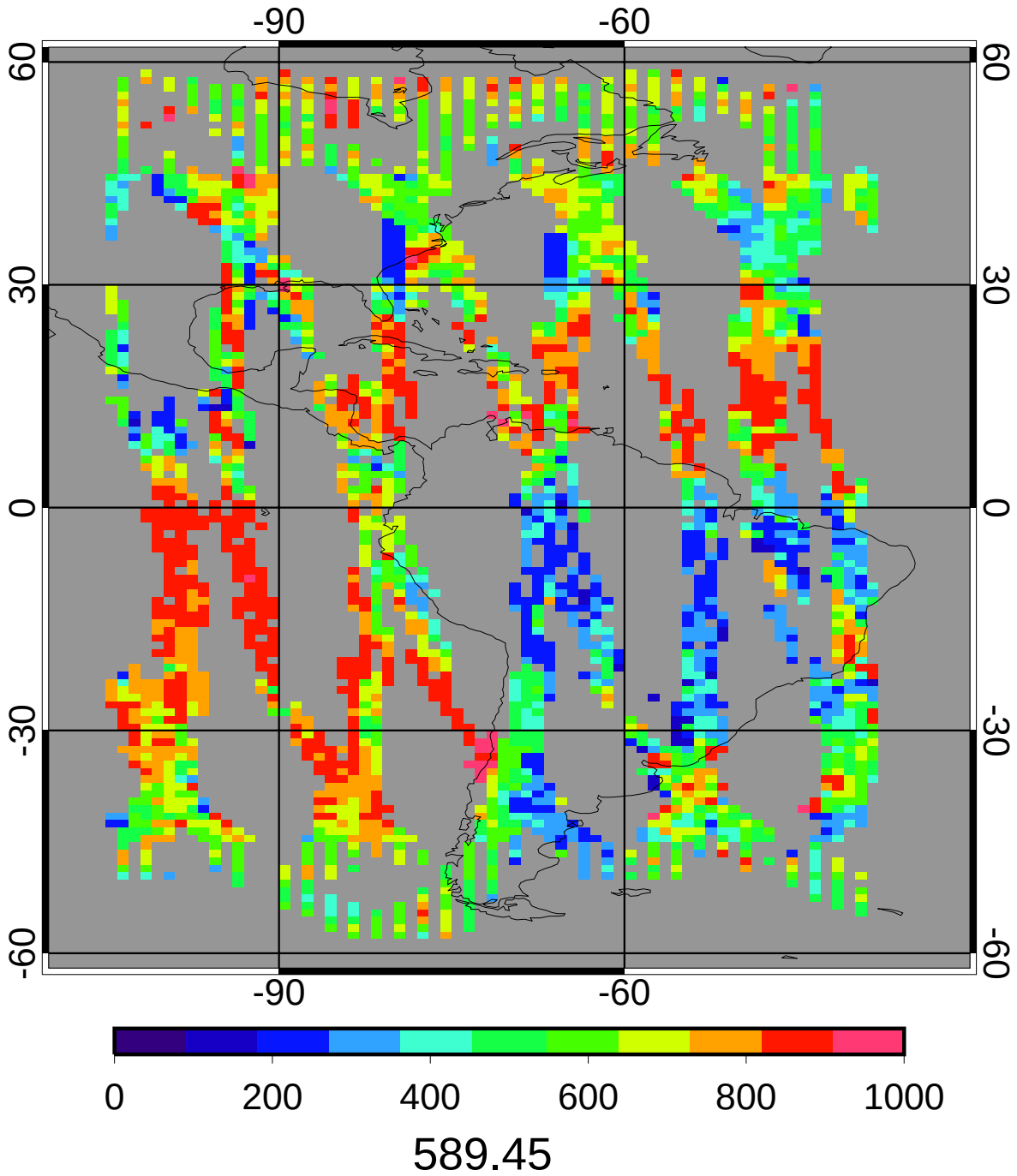
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



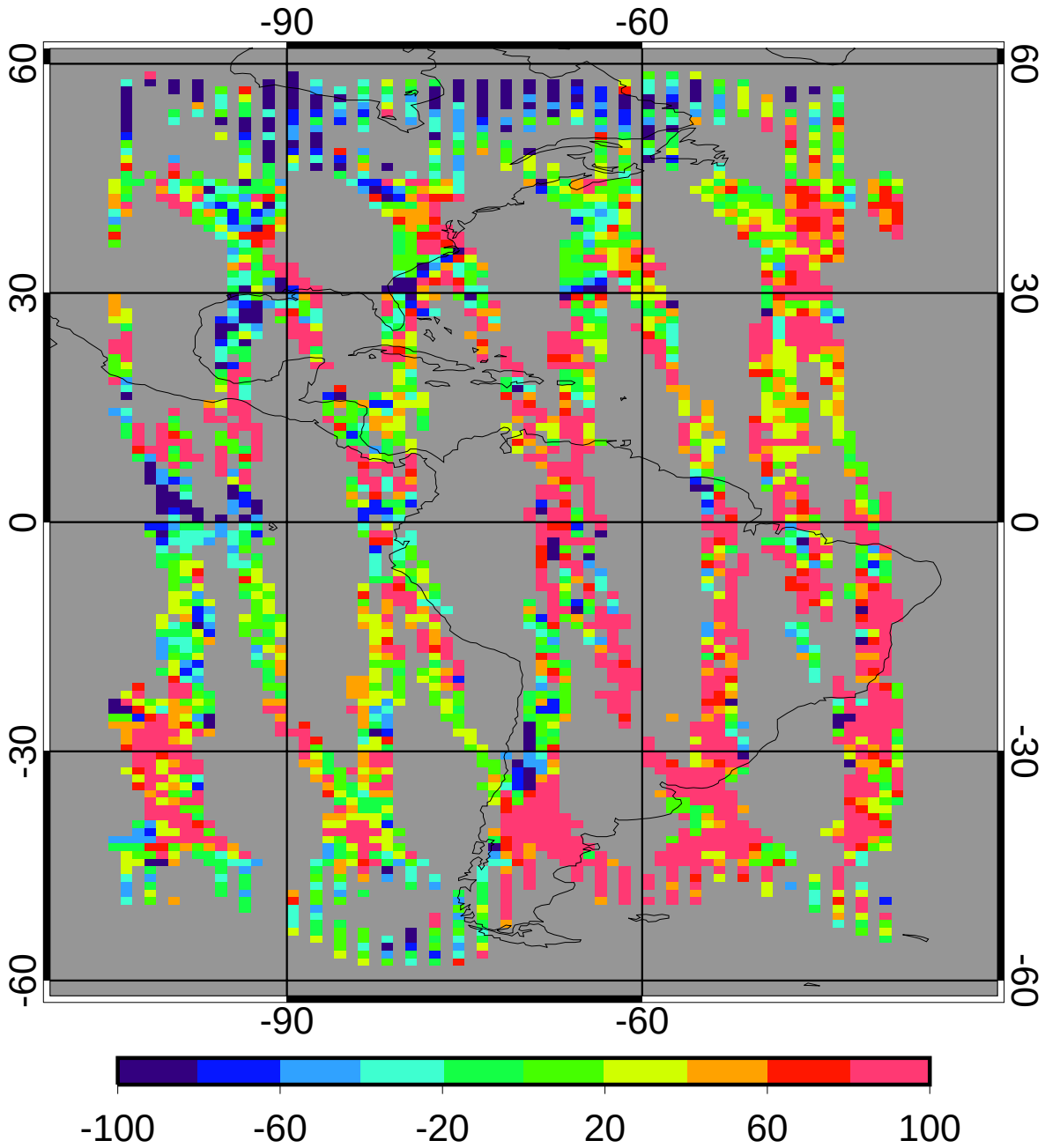
CERES/Terra MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

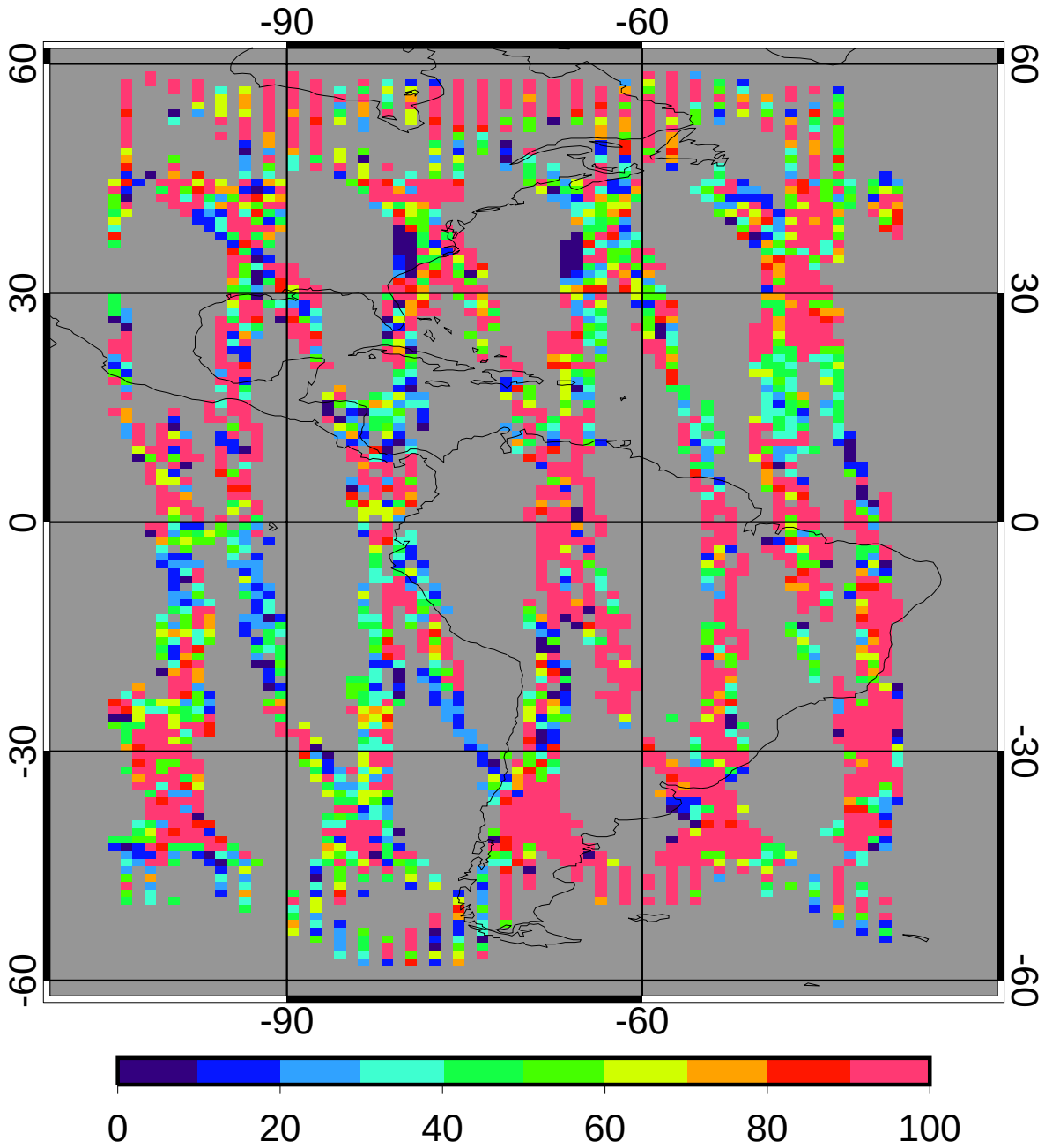
5ch_V01 Jan 2010 (matched angle)



bias	63.08	10.70%
domain sigma	109.85	18.64%

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

5ch_V01 Jan 2010 (matched angle)

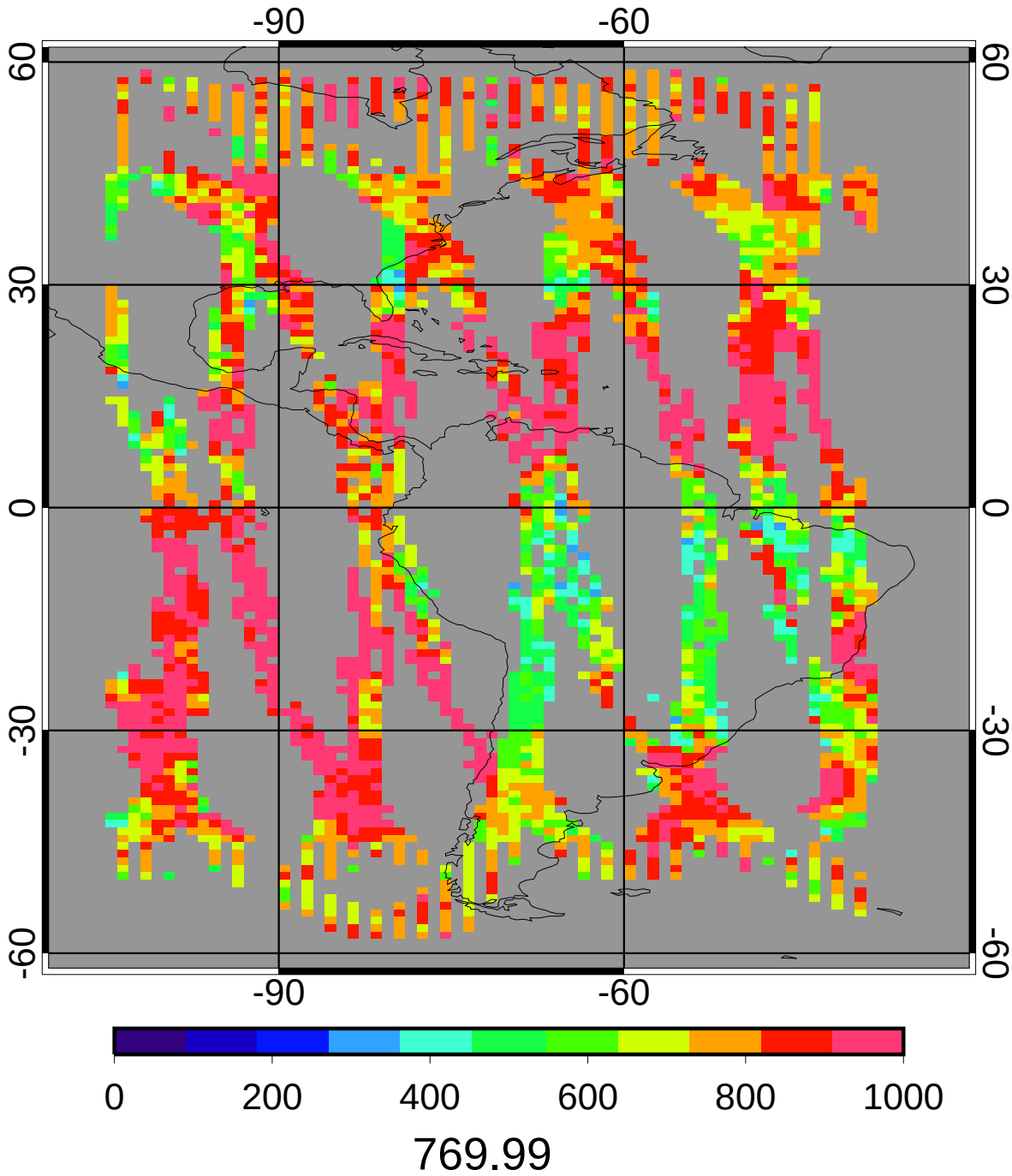


regave rms 114.21 19.38%

domain rms 148.01 25.11%

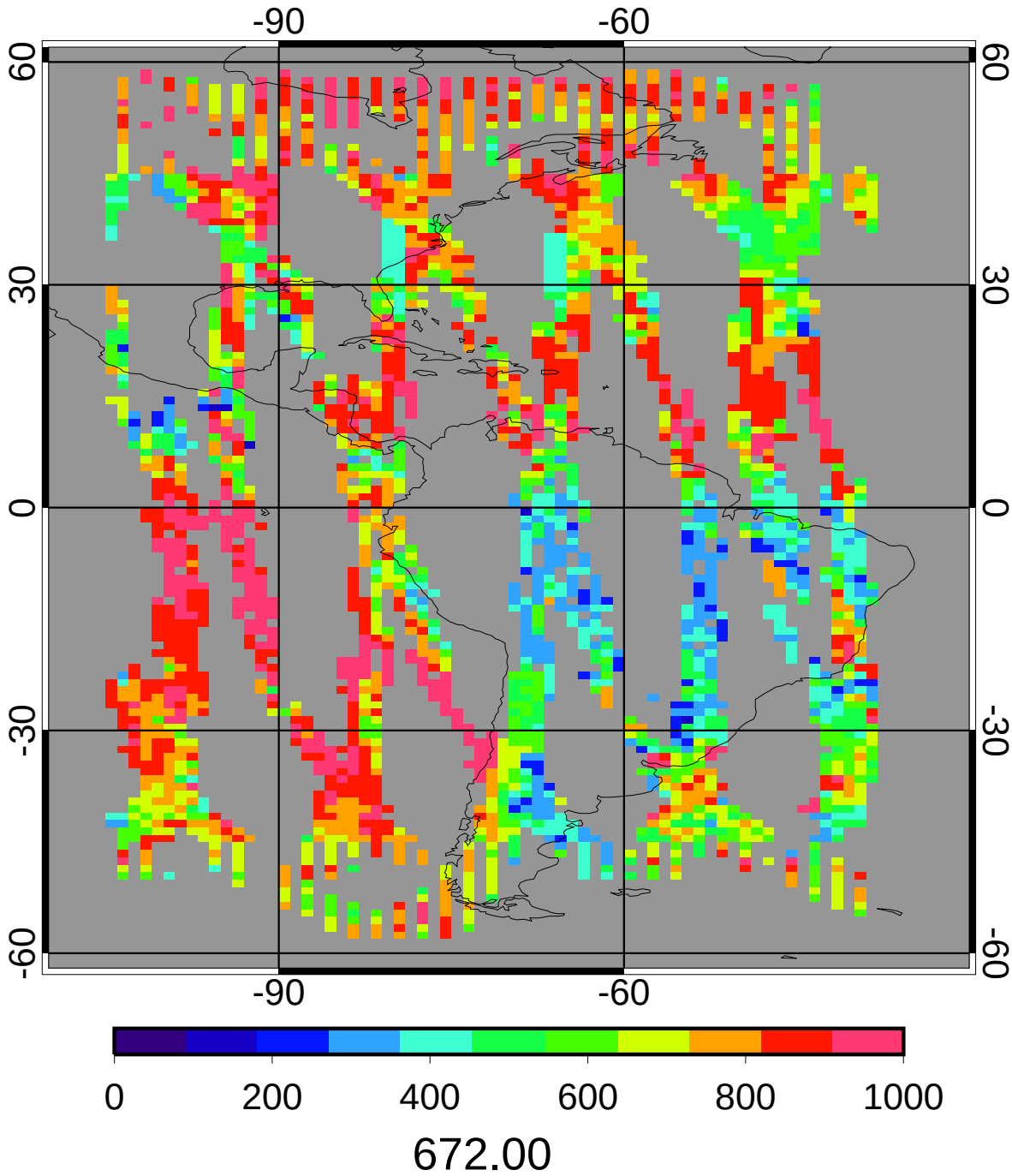
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



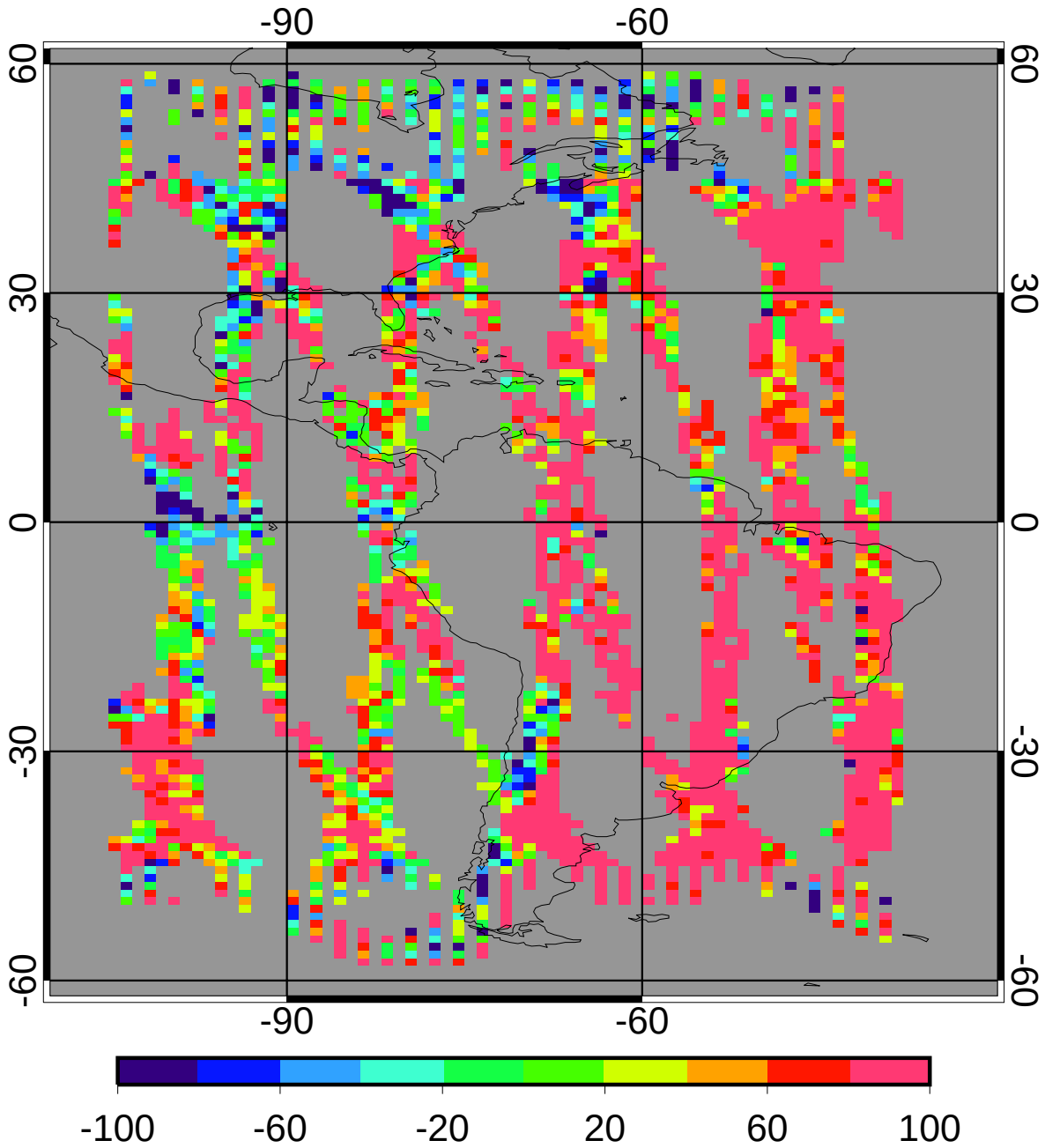
CERES/Terra MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010 (matched angle)



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

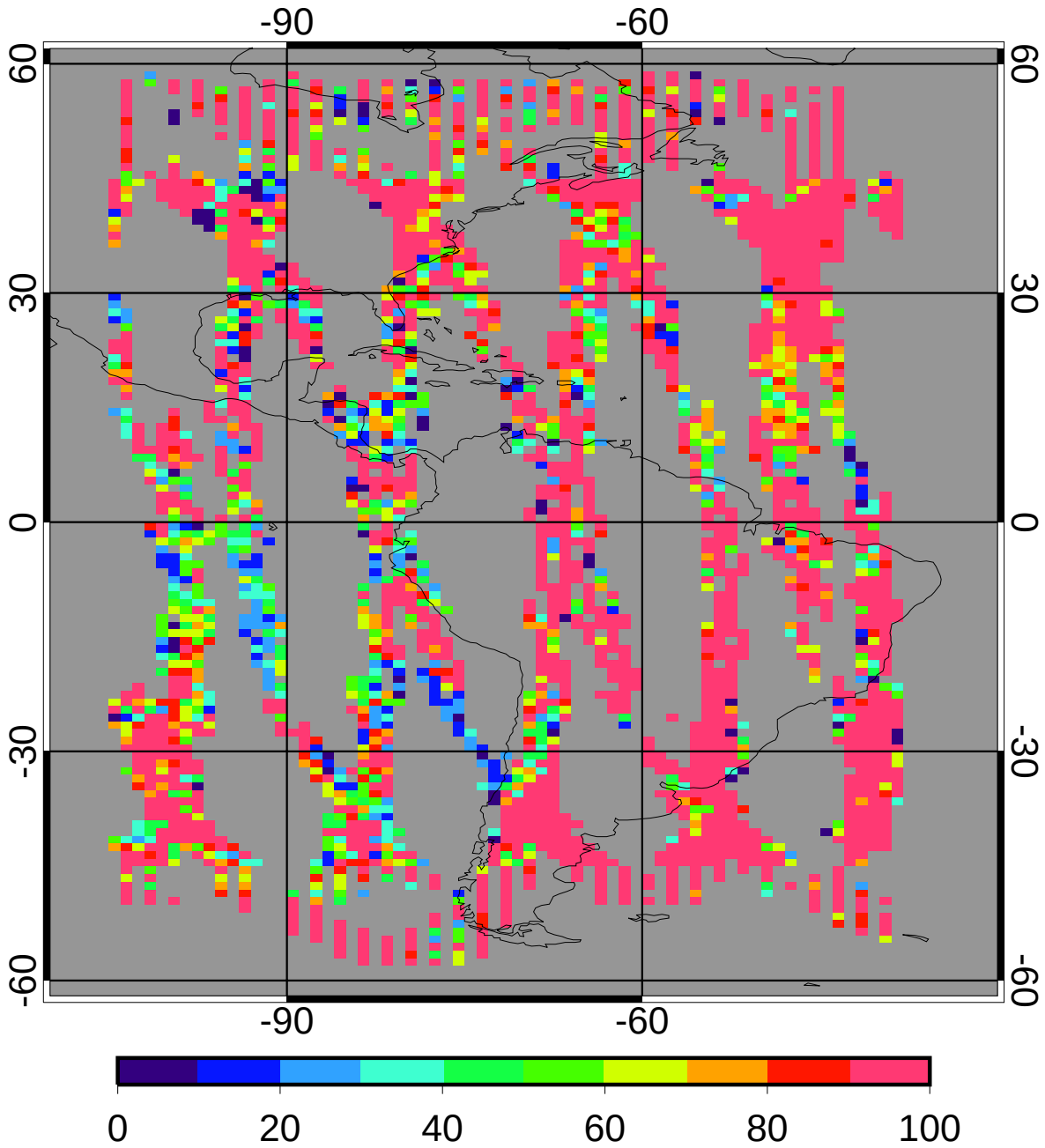
5ch_V01 Jan 2010 (matched angle)



bias	96.37	14.34%
domain sigma	117.23	17.44%

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

5ch_V01 Jan 2010 (matched angle)

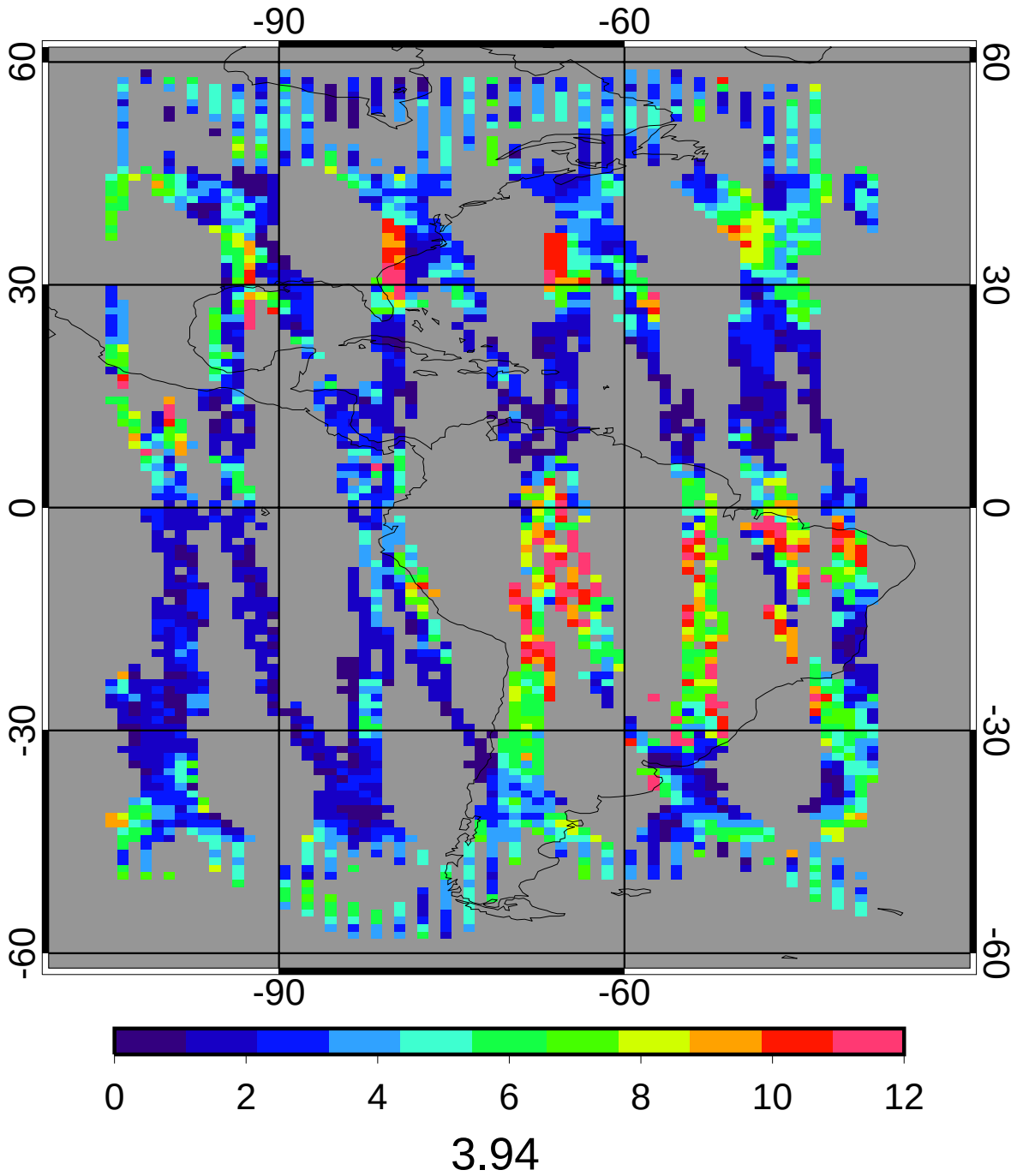


regave rms 140.87 20.96%

domain rms 169.92 25.29%

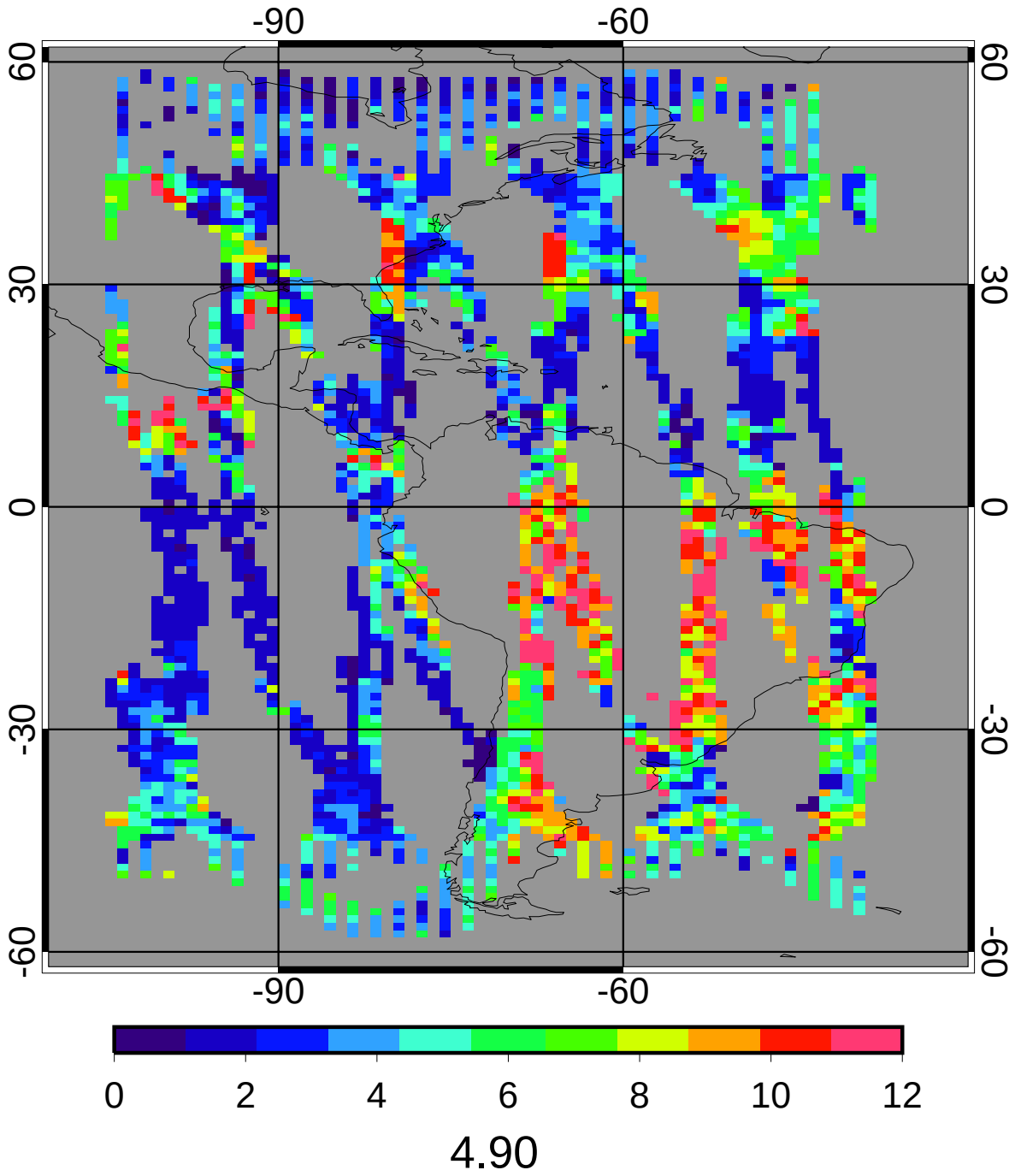
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



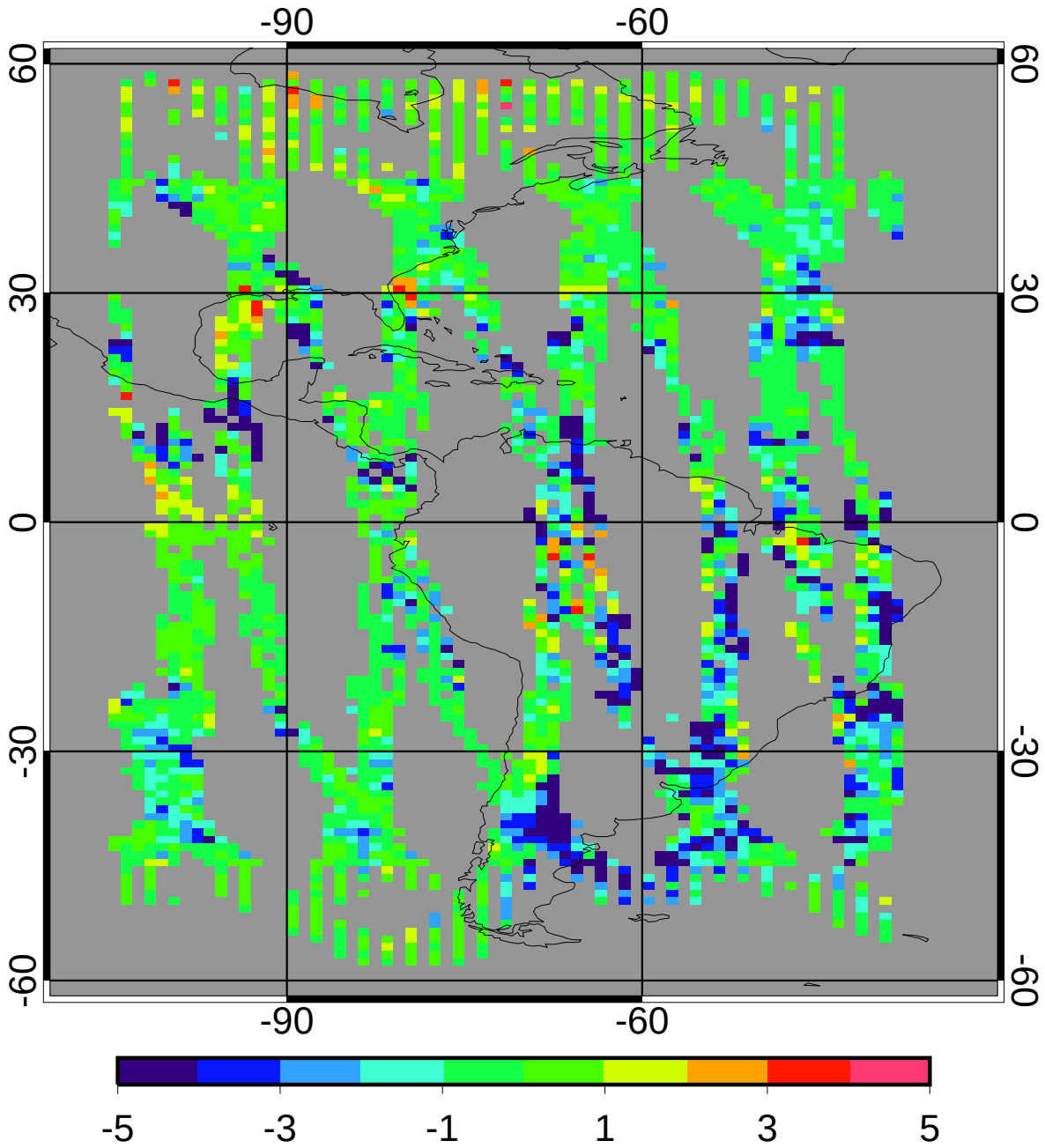
CERES/Terra MEAN Nighttime Cloud Eff Height (km)

5ch_V01 Jan 2010 (matched angle)



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

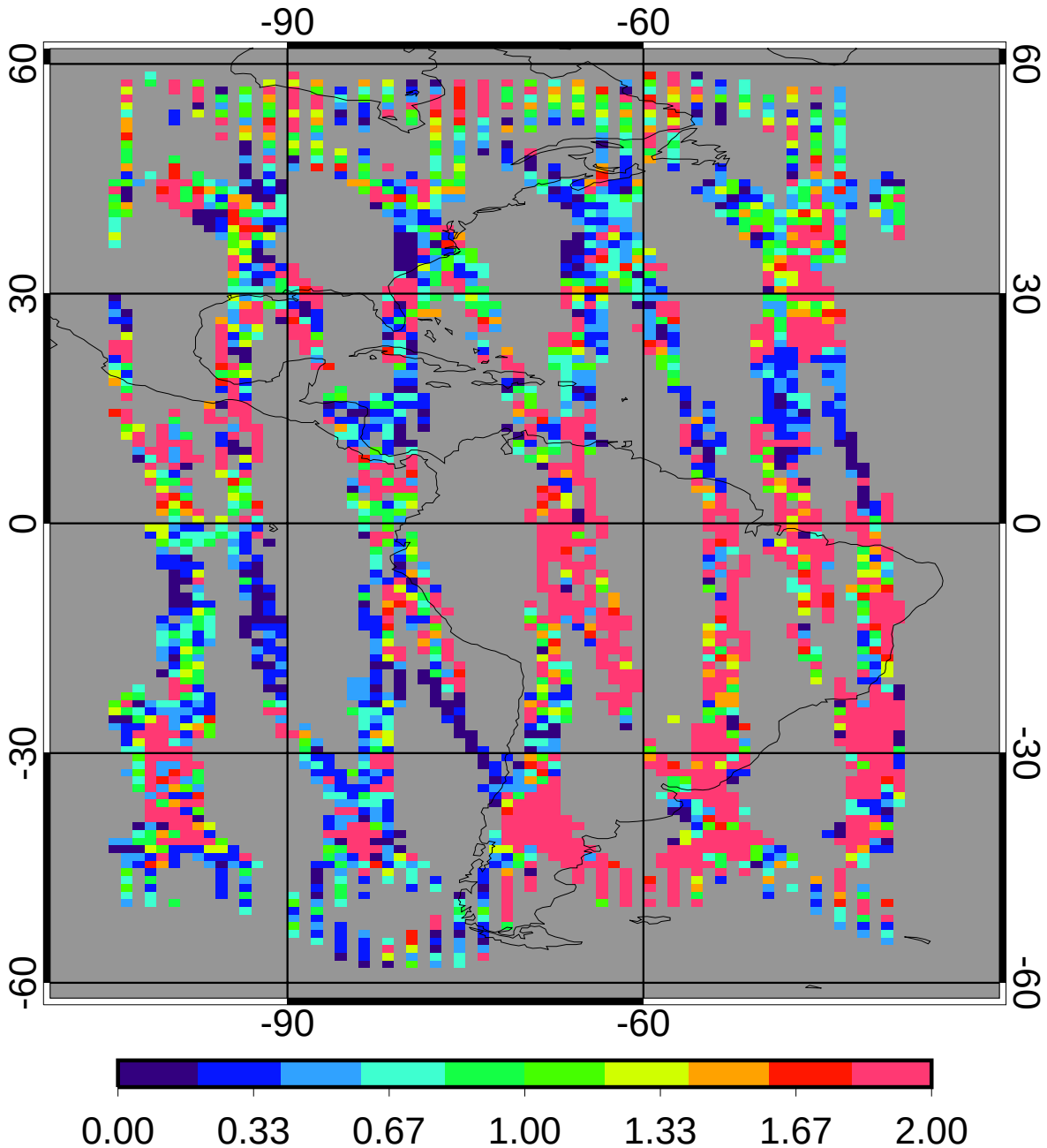
5ch_V01 Jan 2010 (matched angle)



bias	-0.94	-19.25%
domain sigma	1.83	37.43%

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

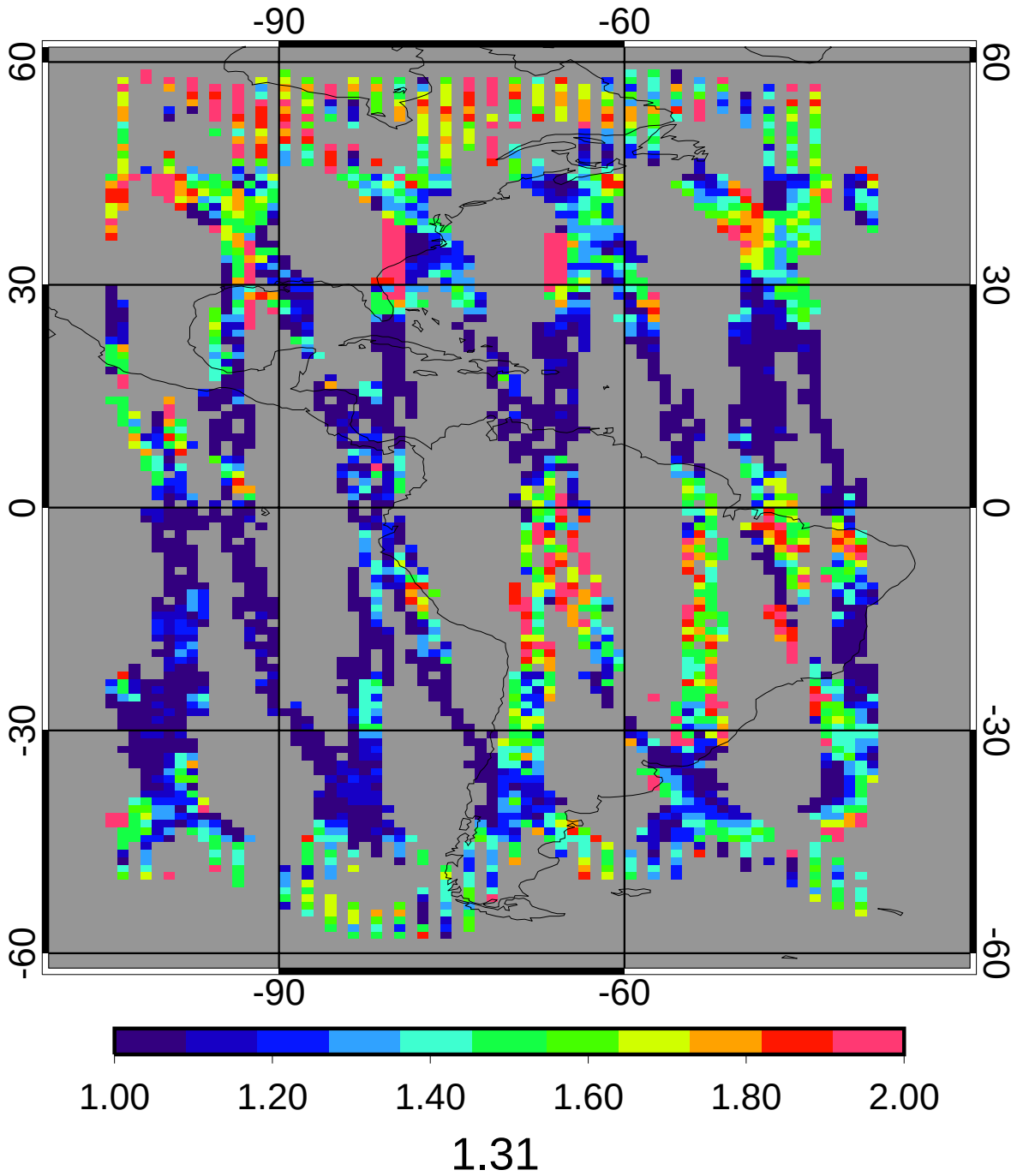
5ch_V01 Jan 2010 (matched angle)



regave rms	1.76	35.96%
domain rms	2.39	48.77%

GGEO MEAN Nighttime Cloud Phase

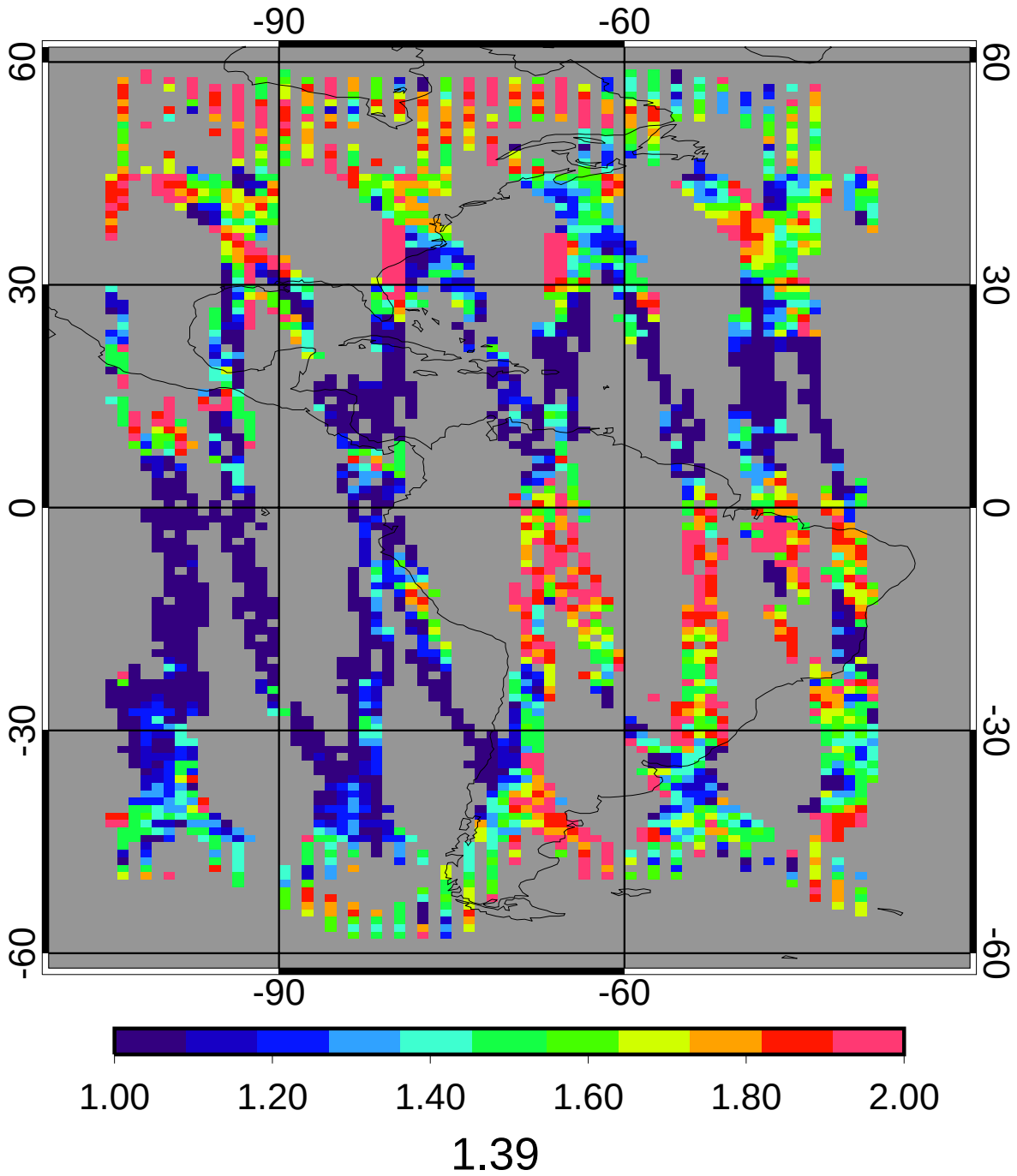
5ch_V01 Jan 2010 (matched angle)



1.31

CERES/Terra MEAN Nighttime Cloud Phase

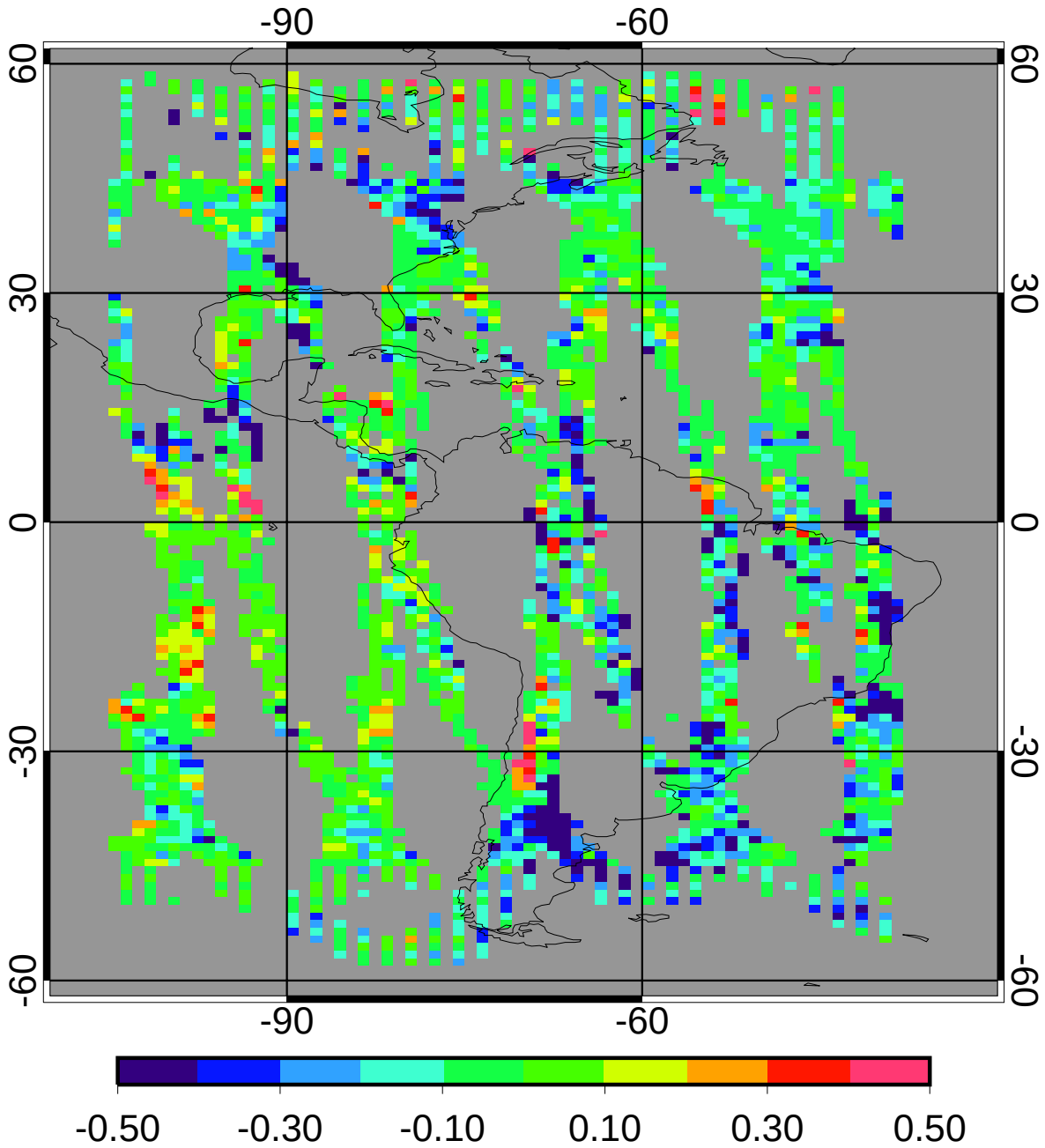
5ch_V01 Jan 2010 (matched angle)



1.39

GGEO - CERES/Terra Nighttime Cloud Phase Bias

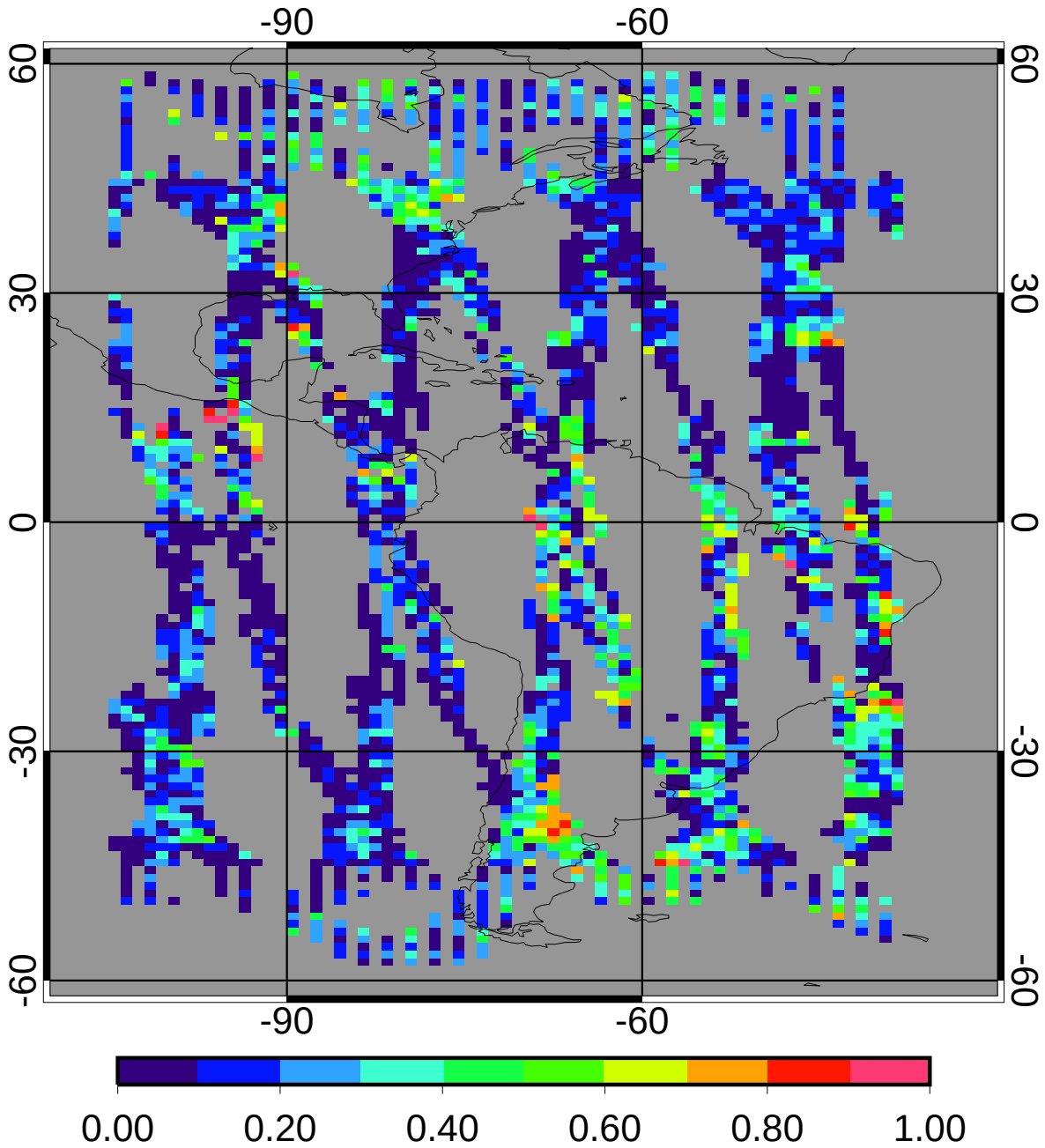
5ch_V01 Jan 2010 (matched angle)



bias	-0.08	-5.78%
domain sigma	0.18	12.90%

GGEO - CERES/Terra Nighttime Cloud Phase RMS

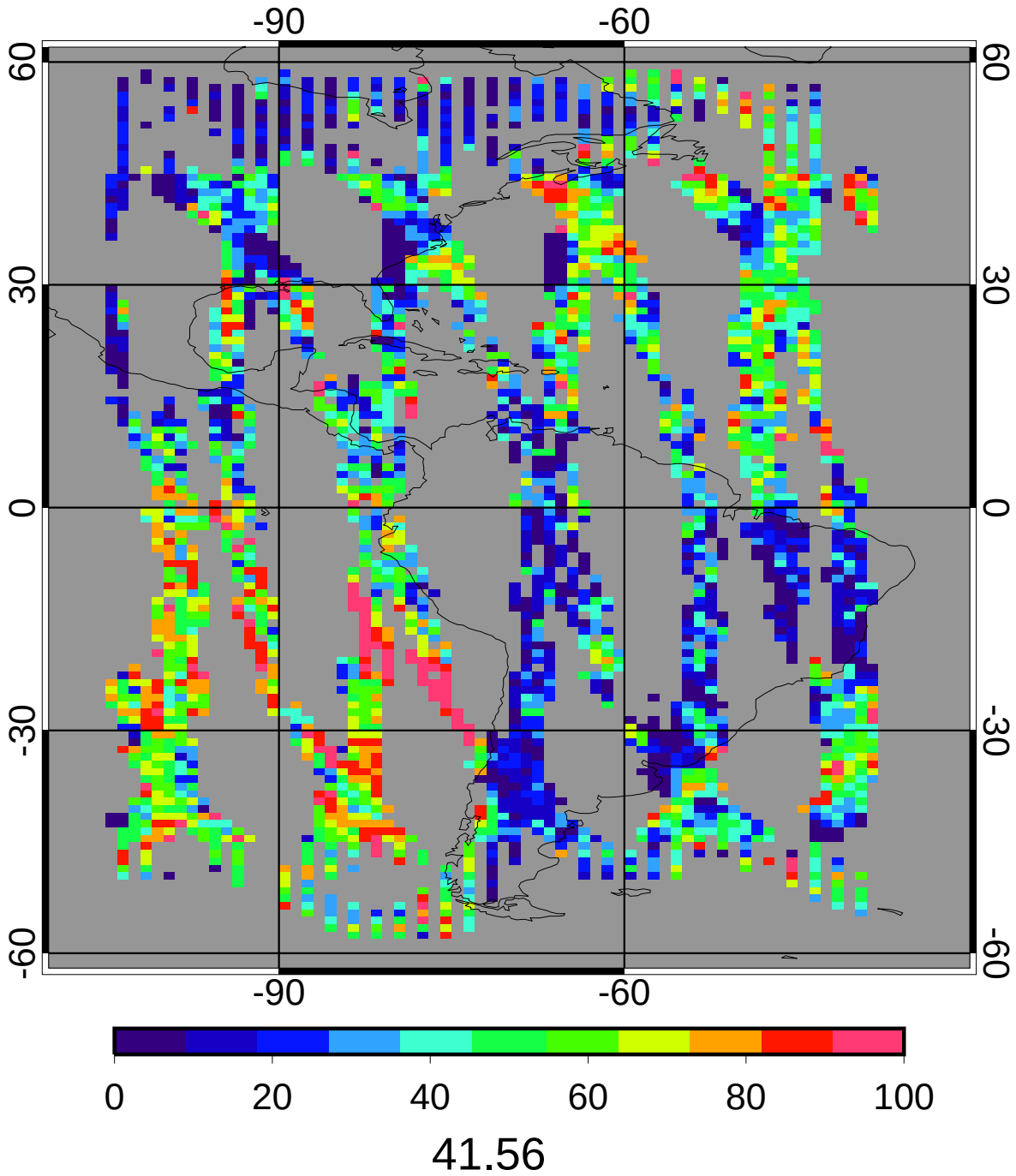
5ch_V01 Jan 2010 (matched angle)



regave rms	0.19	13.57%
domain rms	0.25	17.82%

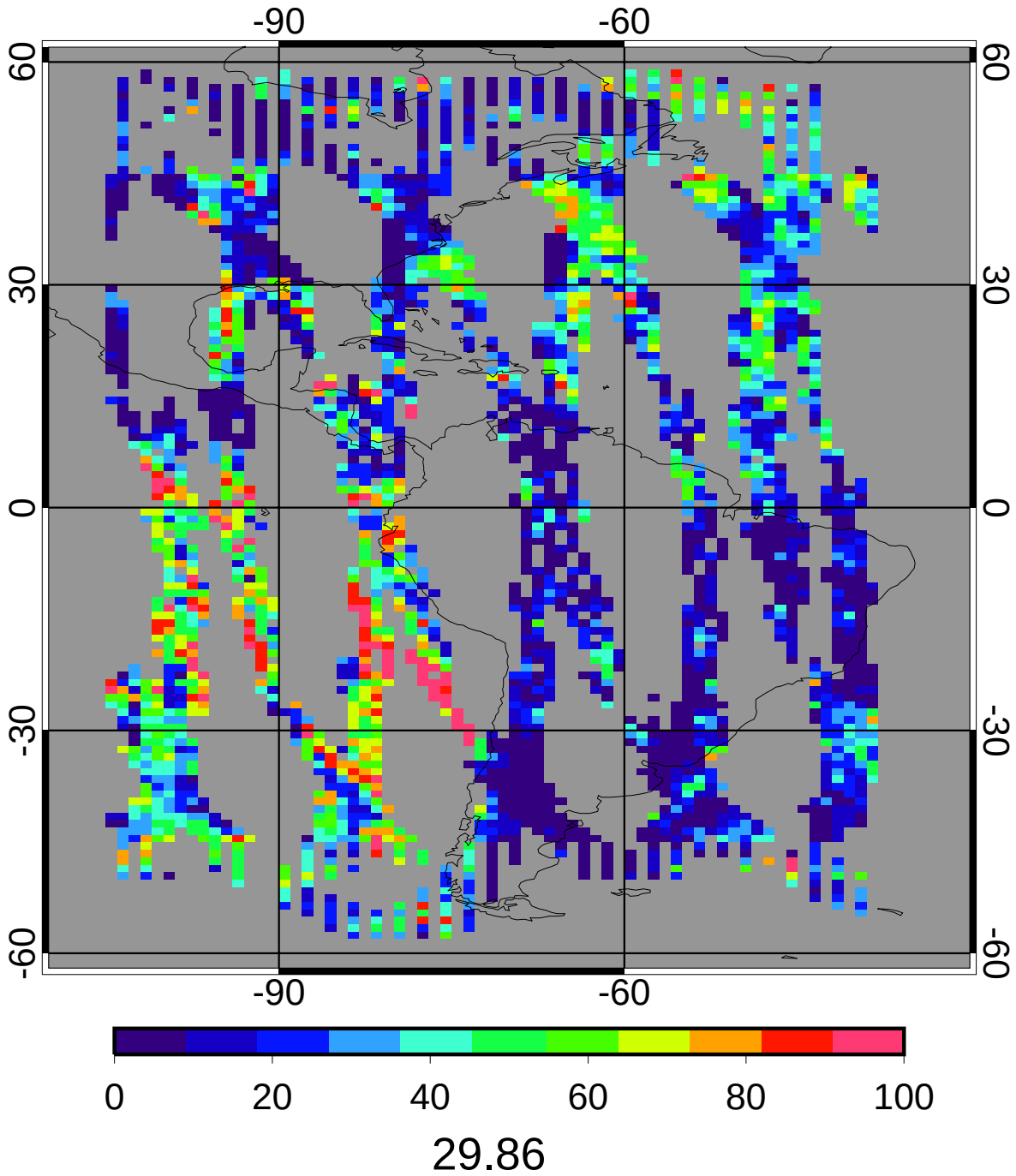
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



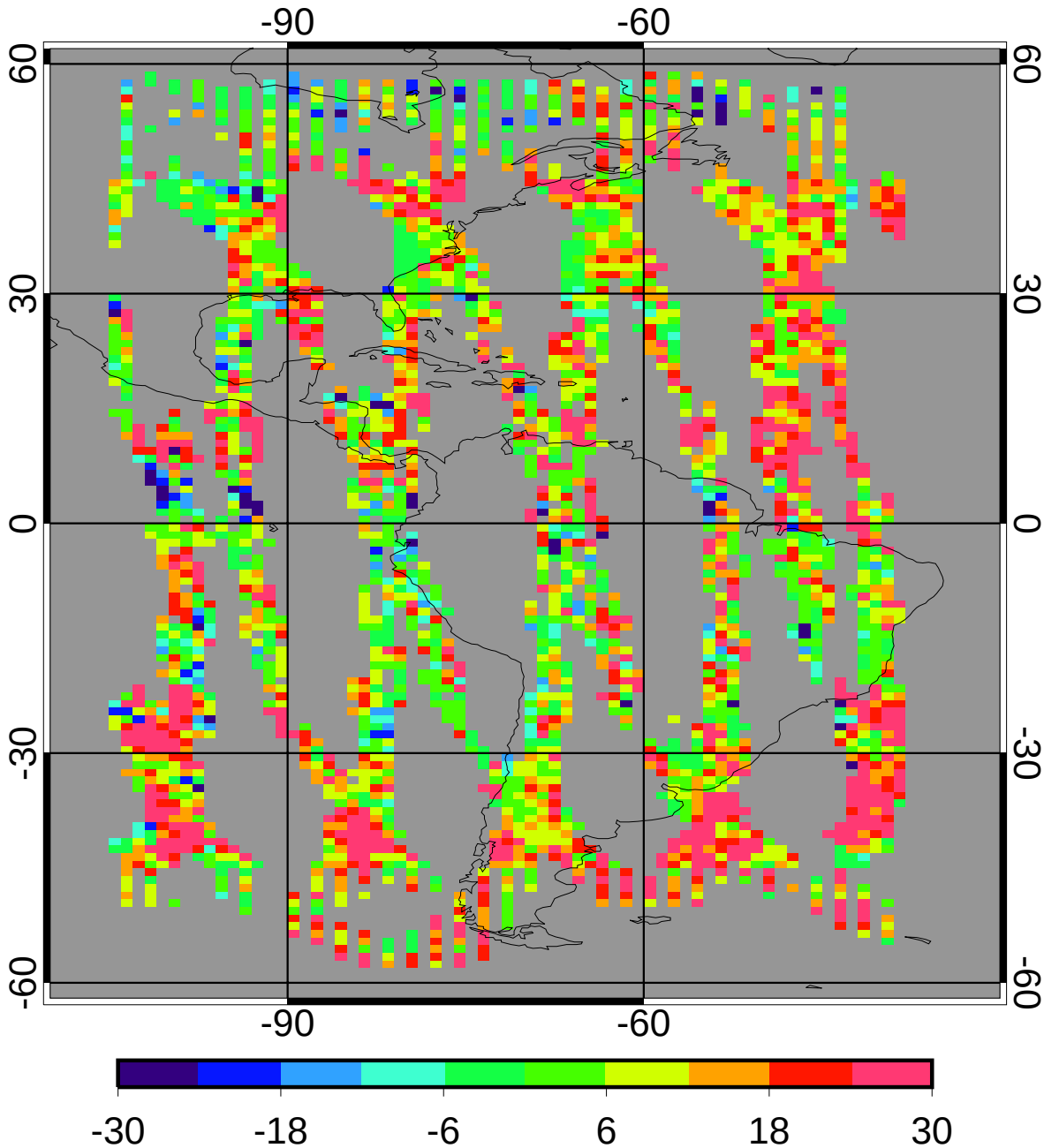
CERES/Terra MEAN Nighttime Liquid Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

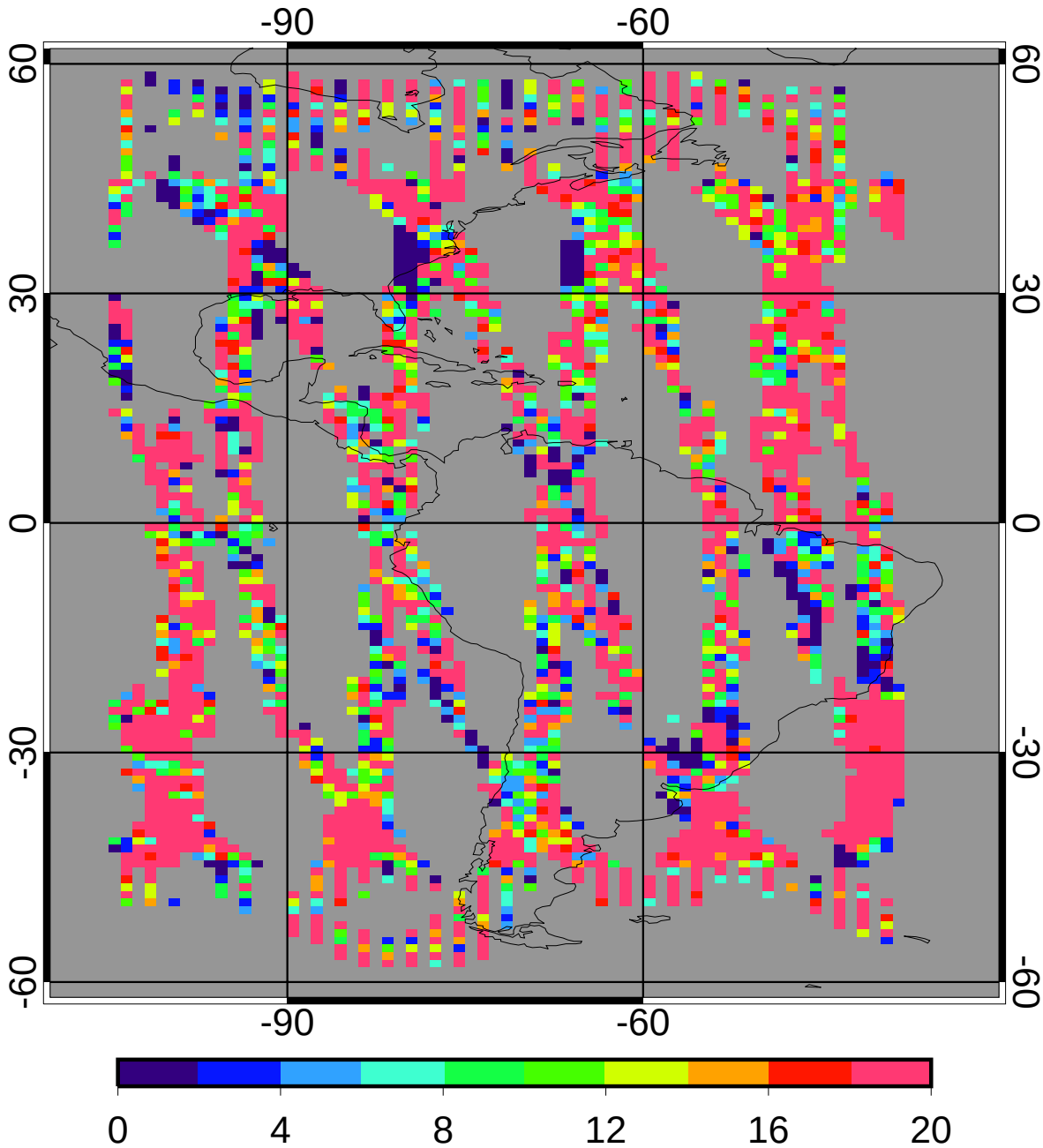
5ch_V01 Jan 2010 (matched angle)



bias	11.70	39.18%
domain sigma	14.18	47.49%

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

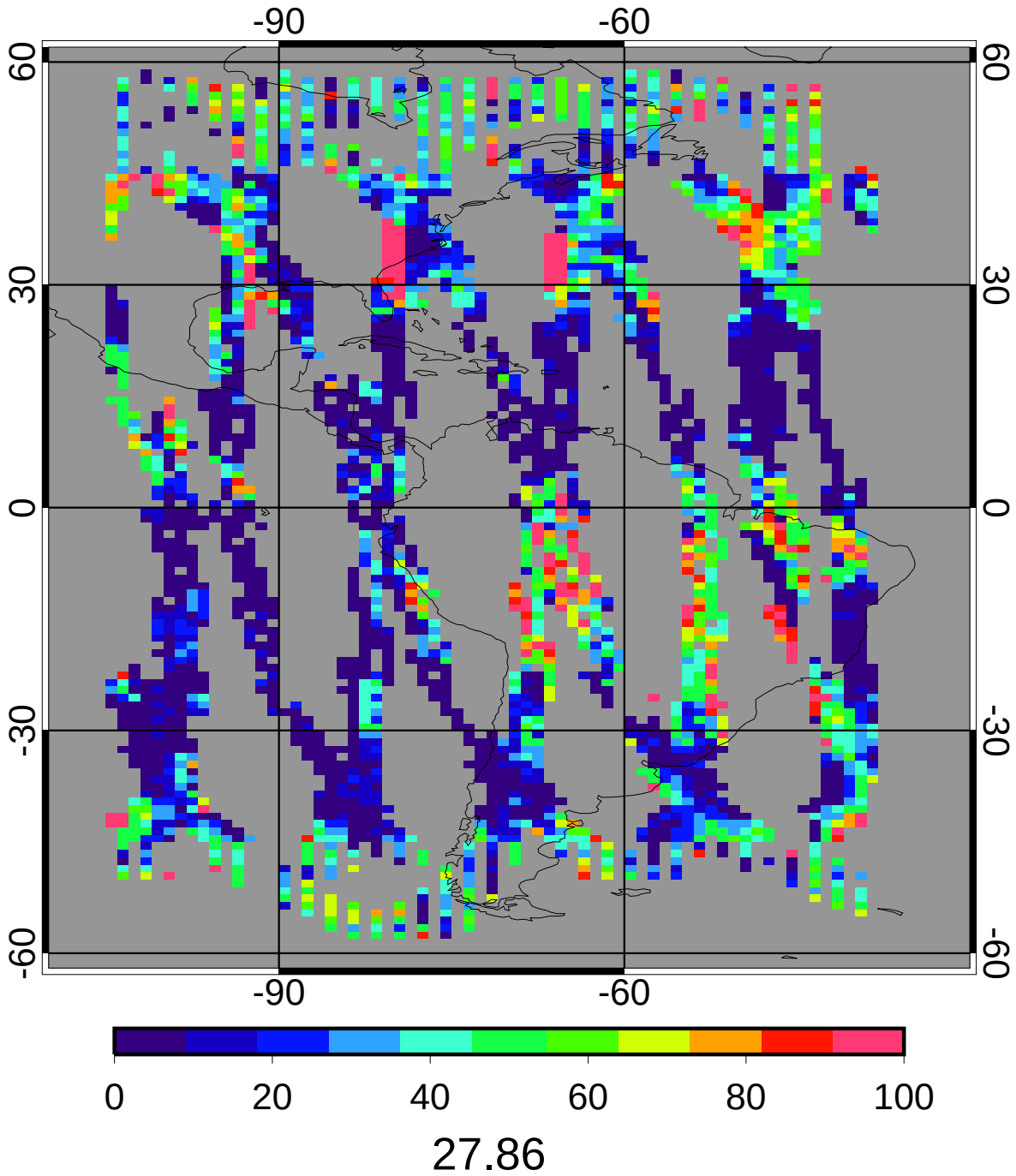
5ch_V01 Jan 2010 (matched angle)



regave rms	19.58	65.58%
domain rms	22.47	75.25%

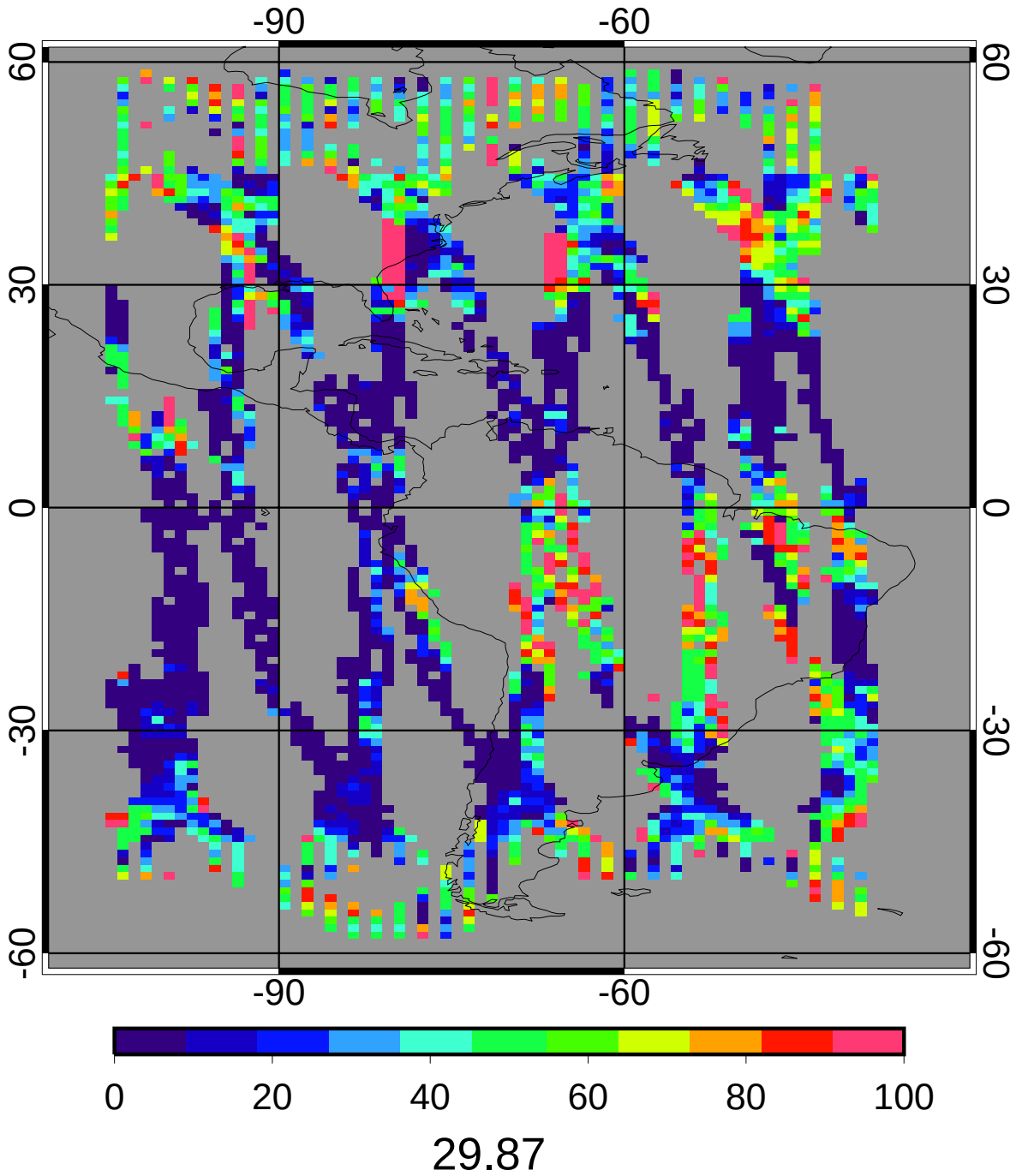
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



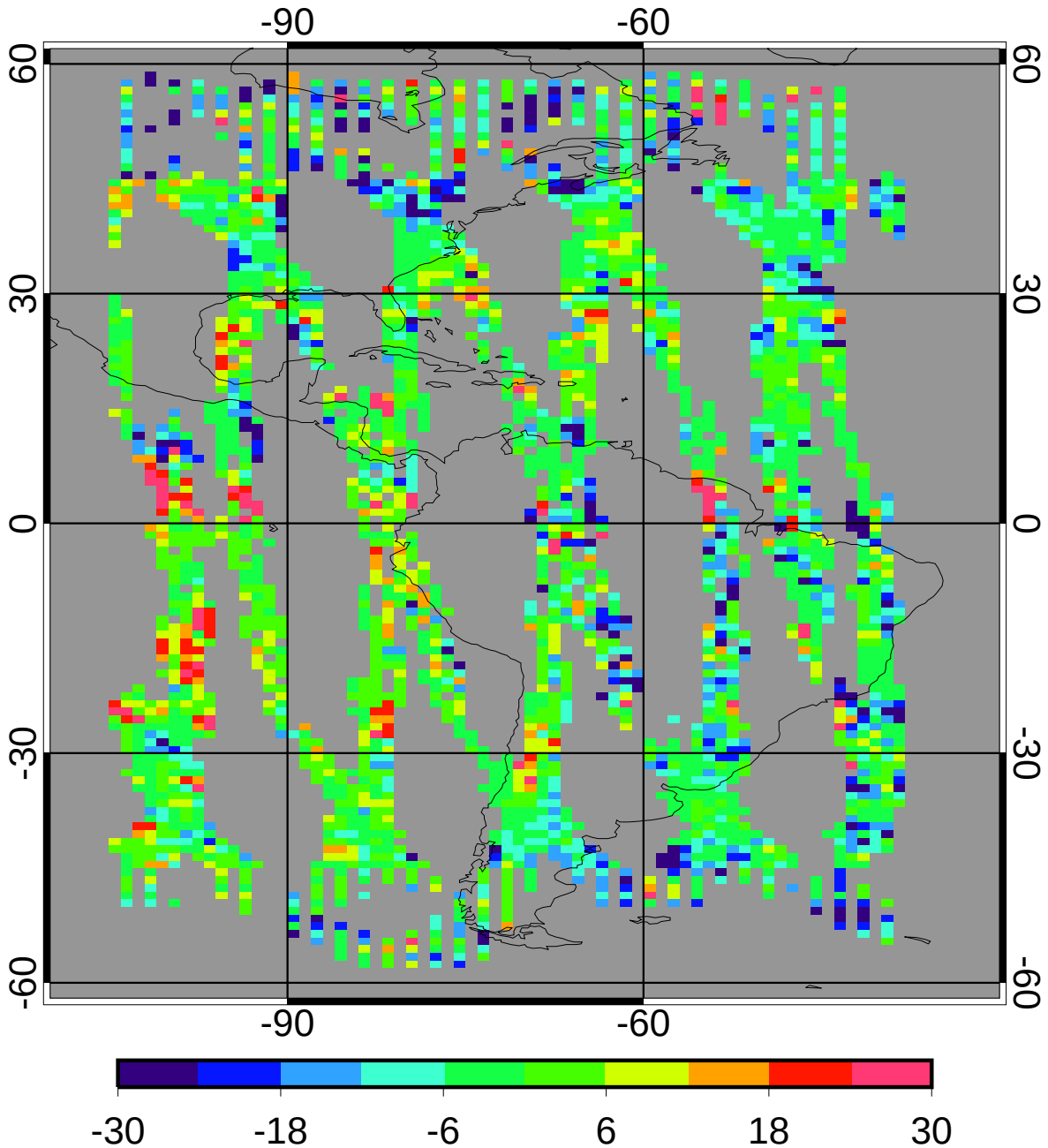
CERES/Terra MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010 (matched angle)



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

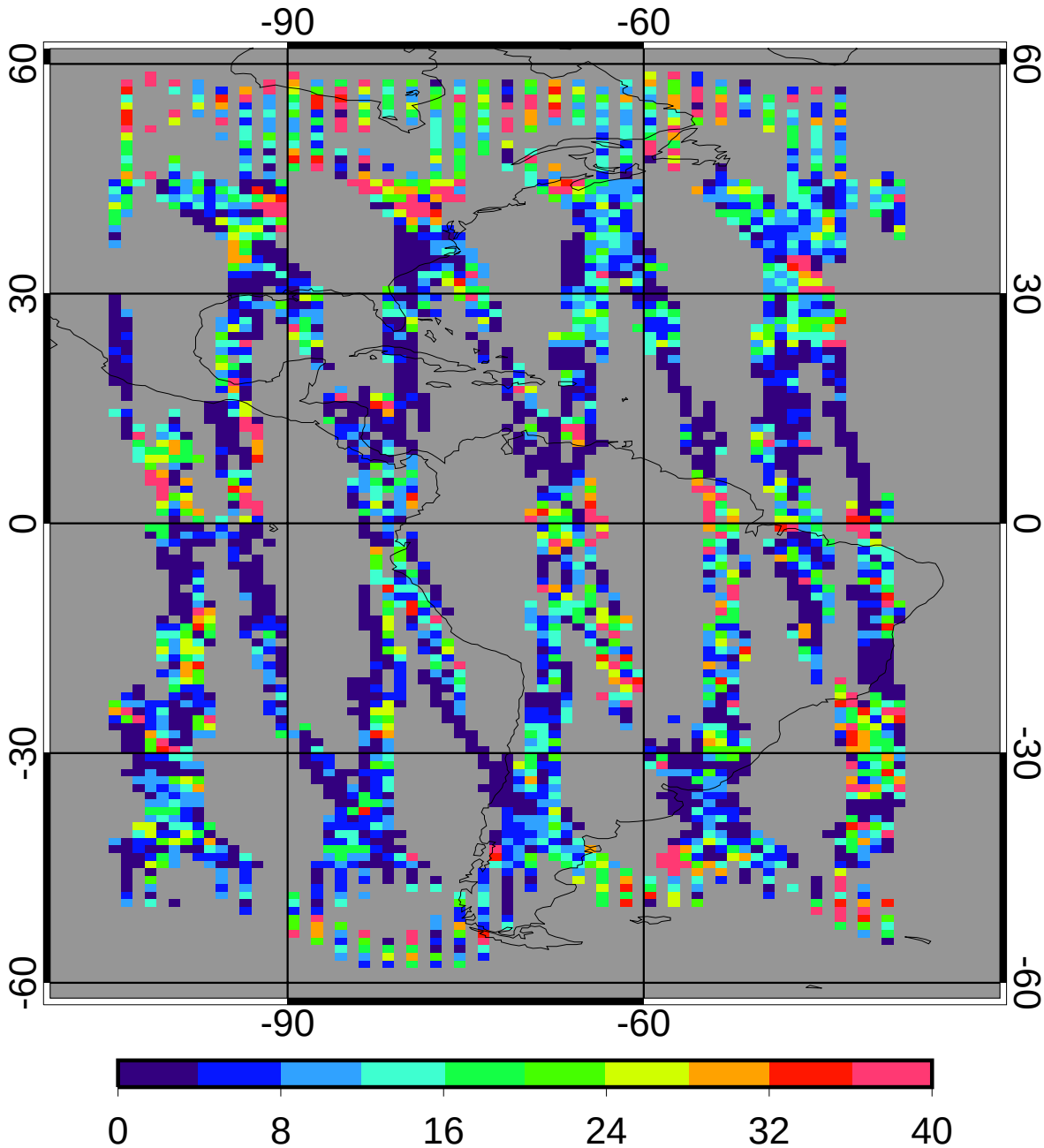
5ch_V01 Jan 2010 (matched angle)



bias	-2.01	-6.73%
domain sigma	11.01	36.86%

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

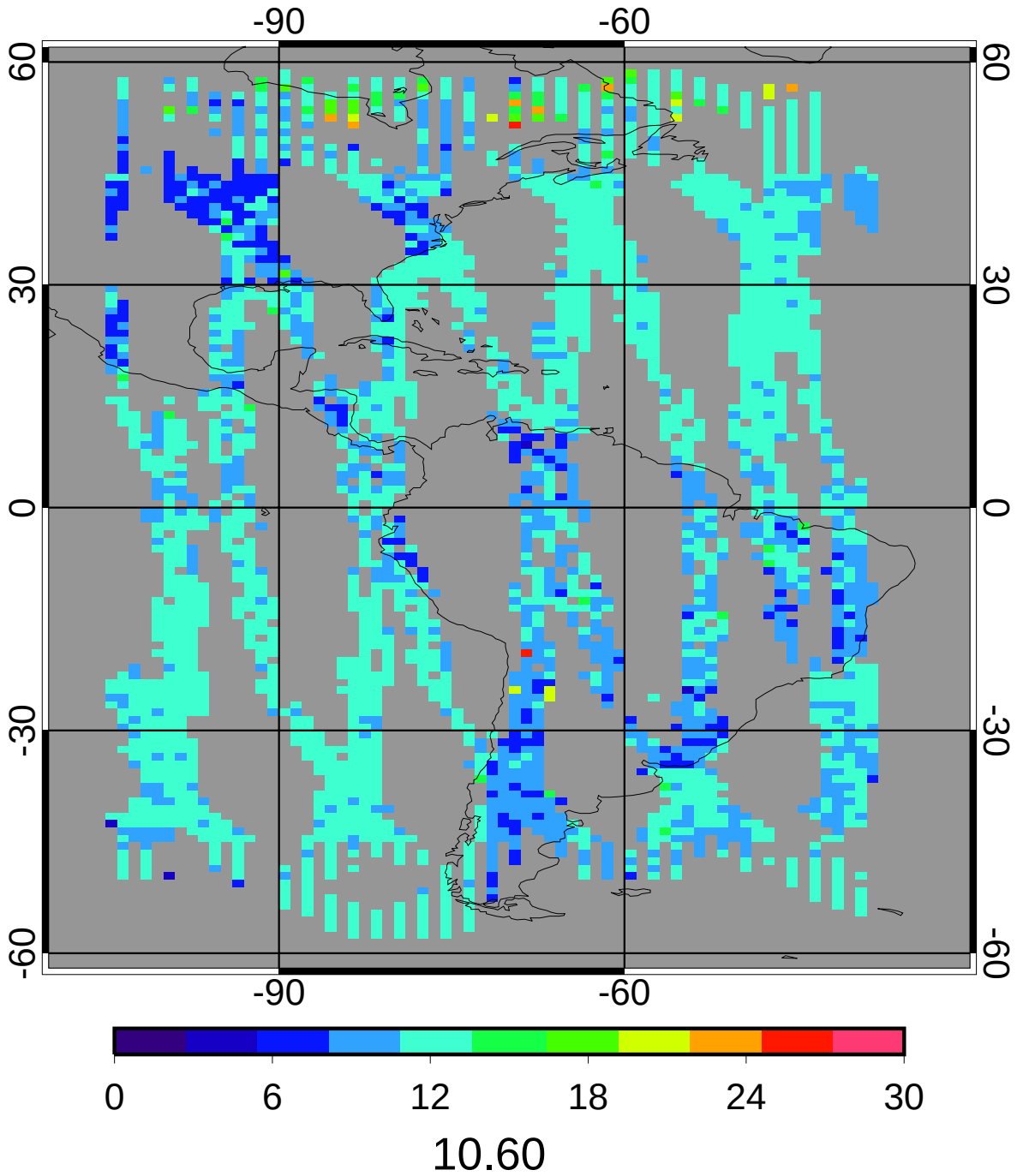
5ch_V01 Jan 2010 (matched angle)



regave rms	11.80	39.51%
domain rms	15.76	52.75%

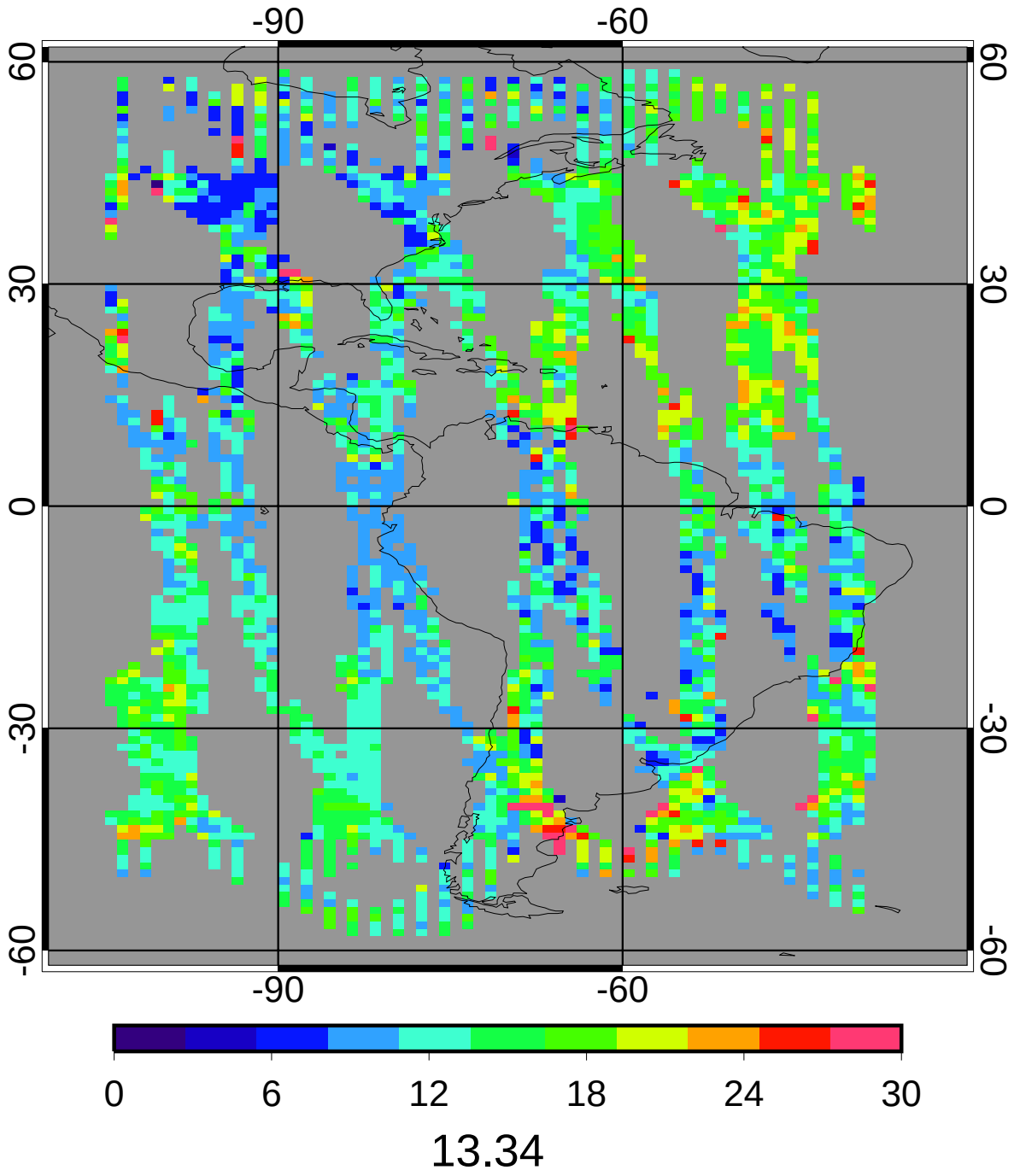
GGEO MEAN Nighttime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



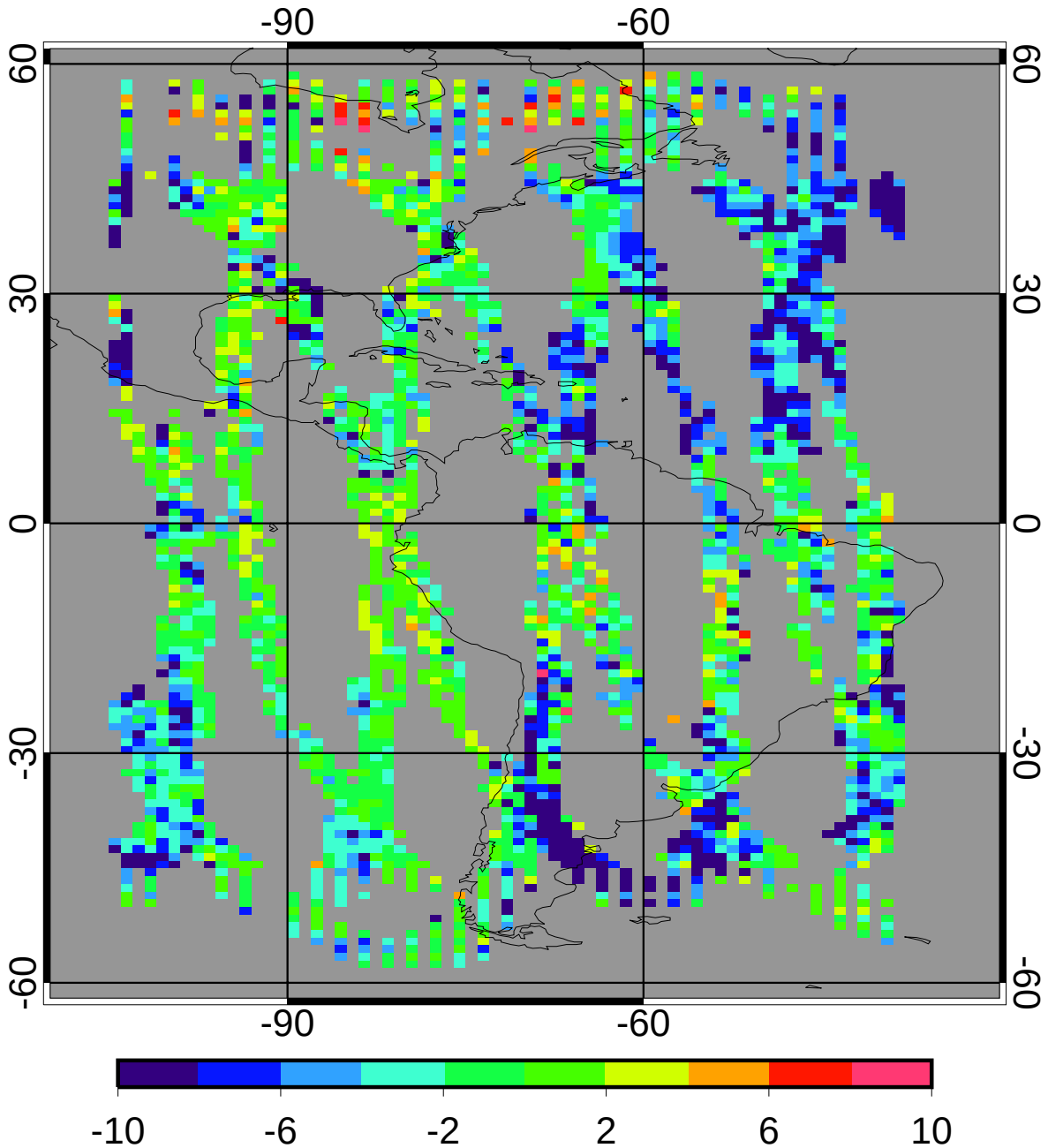
CERES/Terra MEAN Nighttime Liquid Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



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

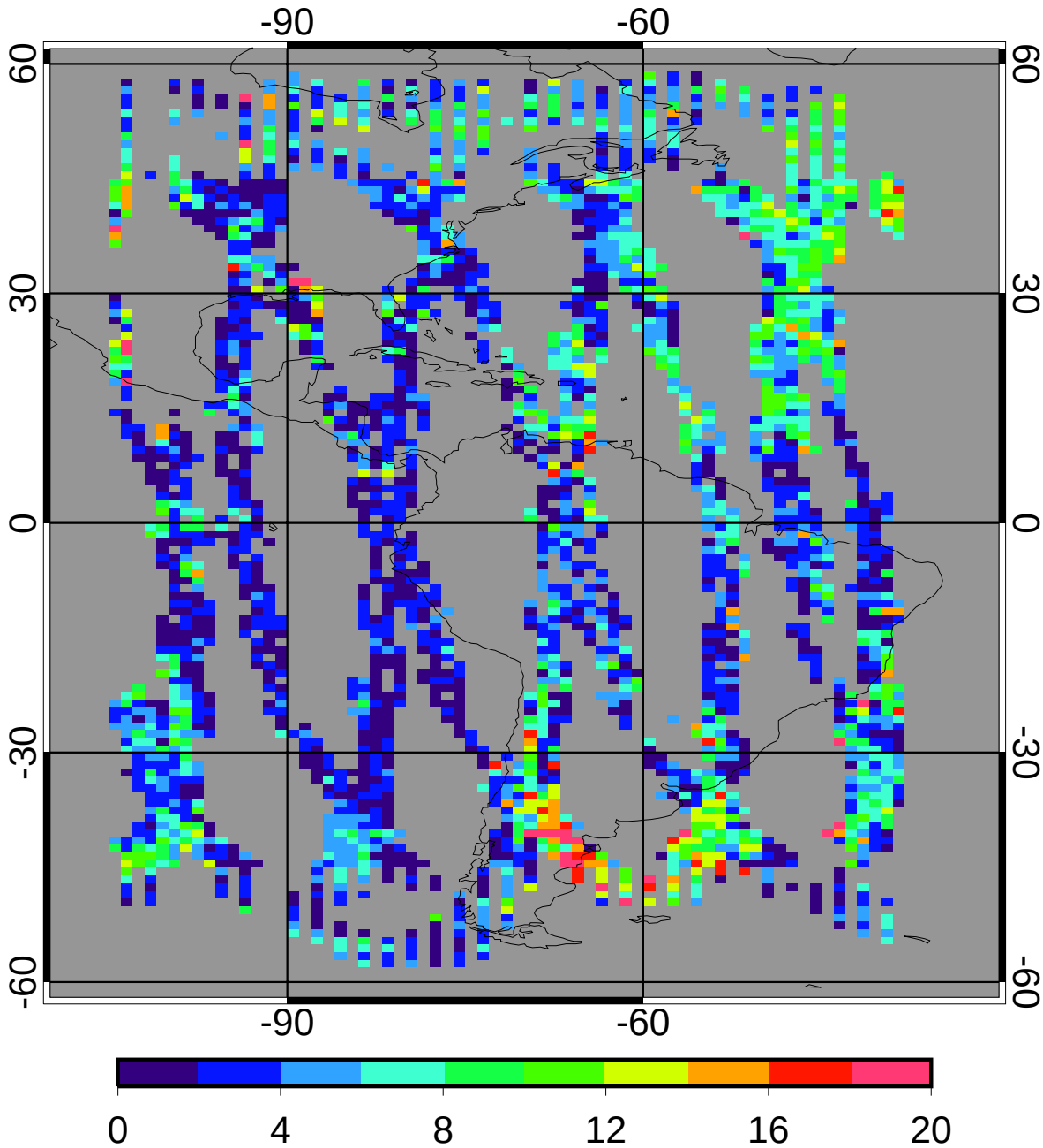
5ch_V01 Jan 2010 (matched angle)



bias	-2.69	-20.16%
domain sigma	3.76	28.21%

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

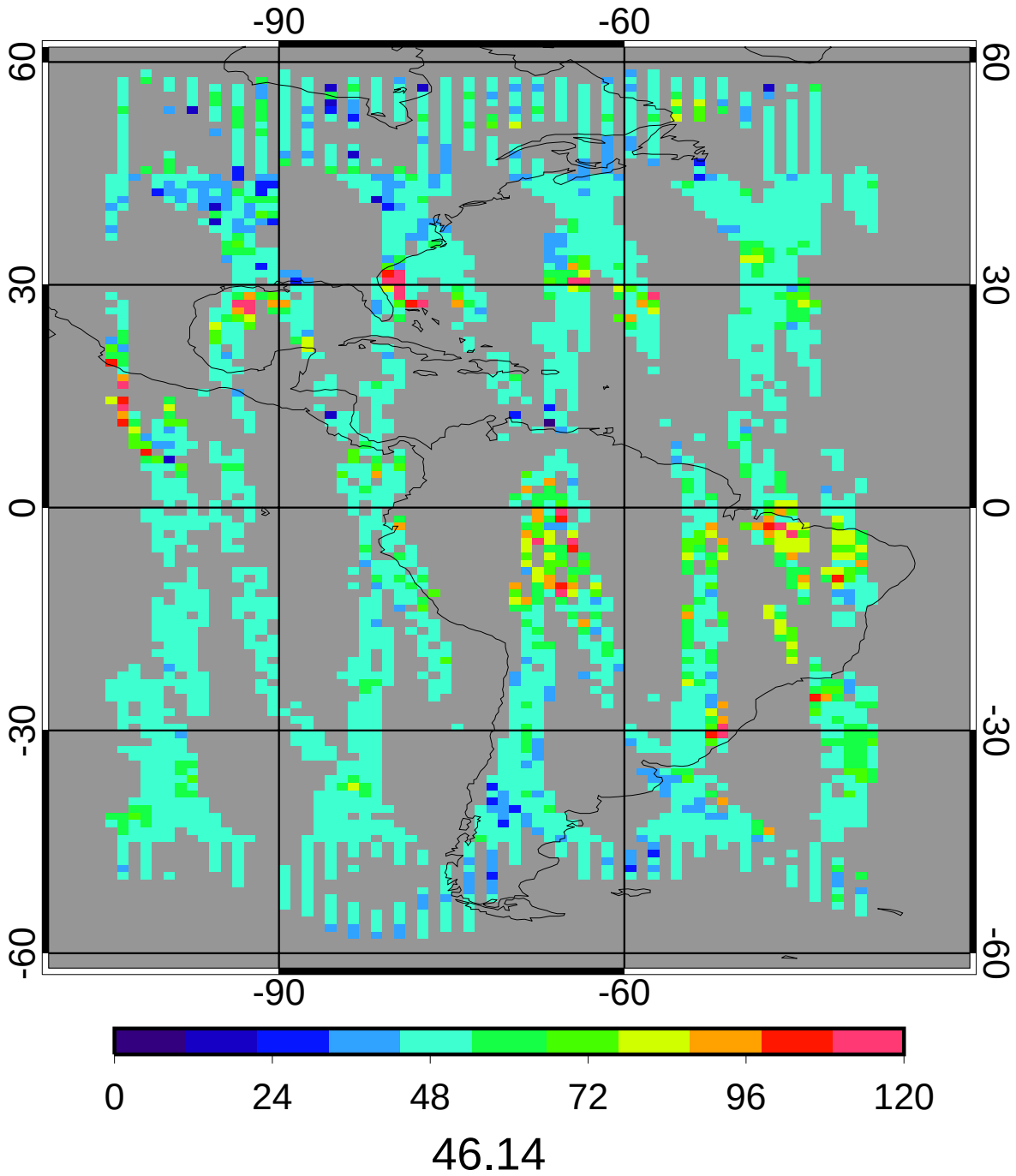
5ch_V01 Jan 2010 (matched angle)



regave rms	4.62	34.61%
domain rms	5.82	43.64%

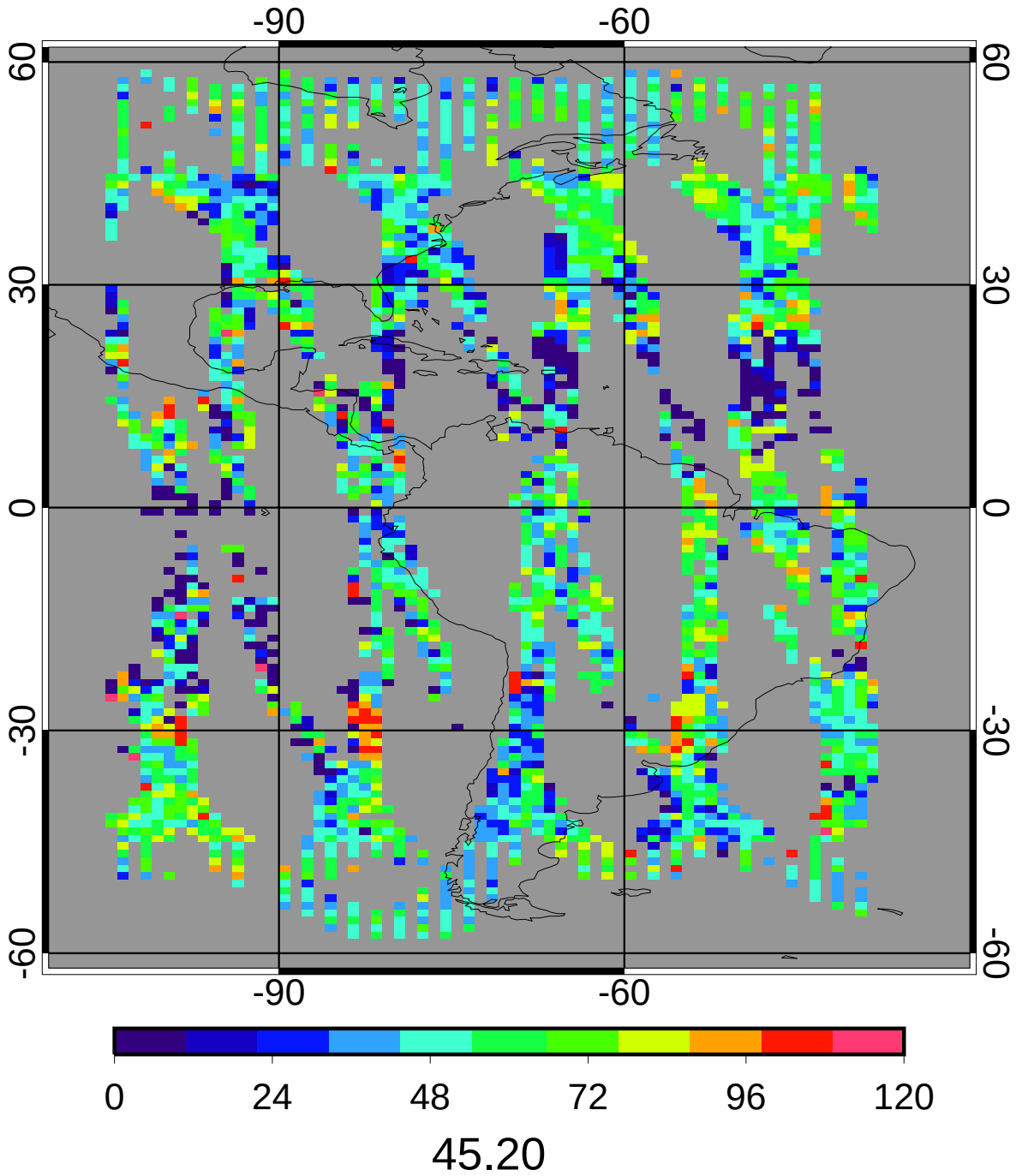
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



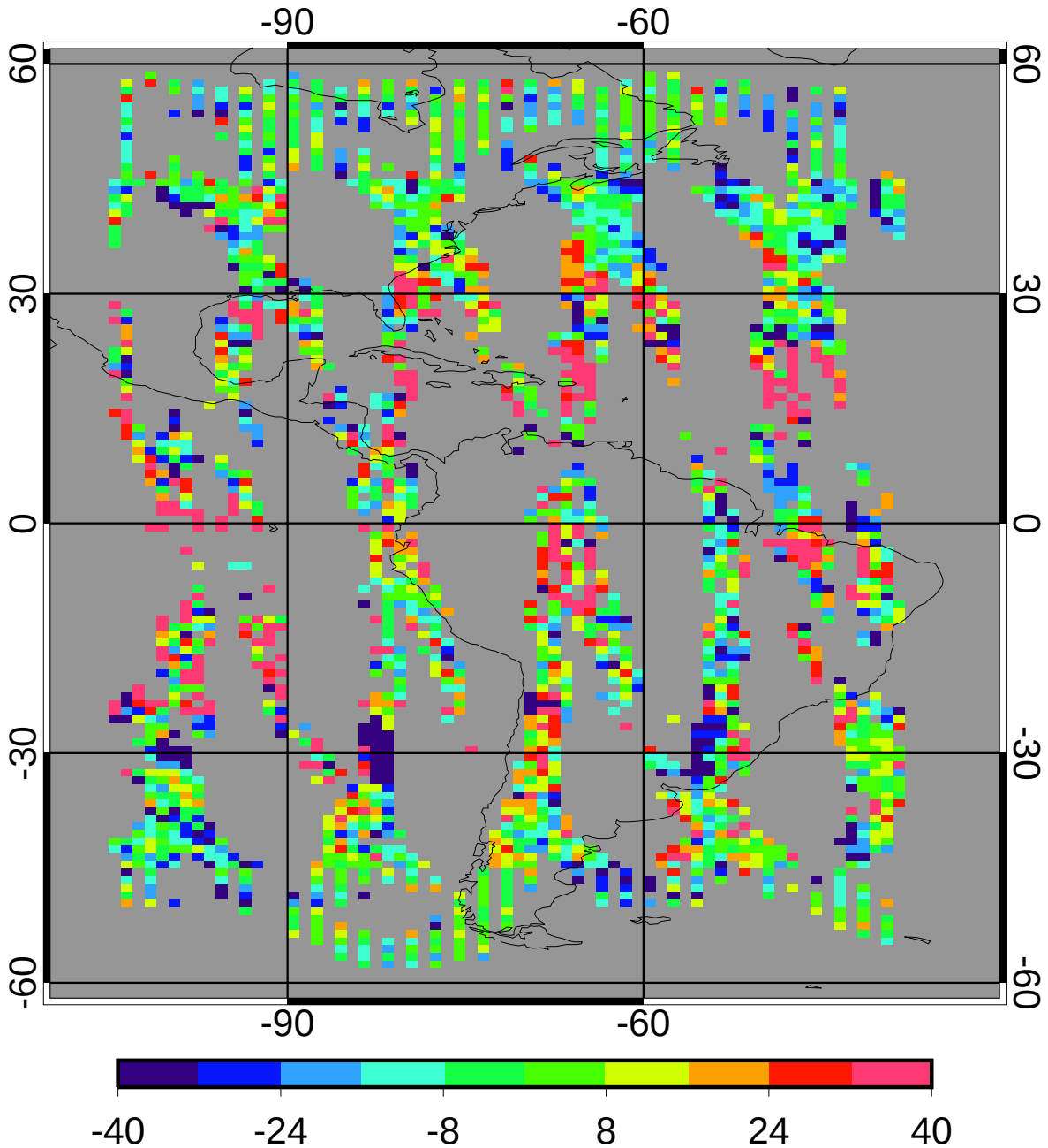
CERES/Terra MEAN Nighttime Ice Particle Size (microns)

5ch_V01 Jan 2010 (matched angle)



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

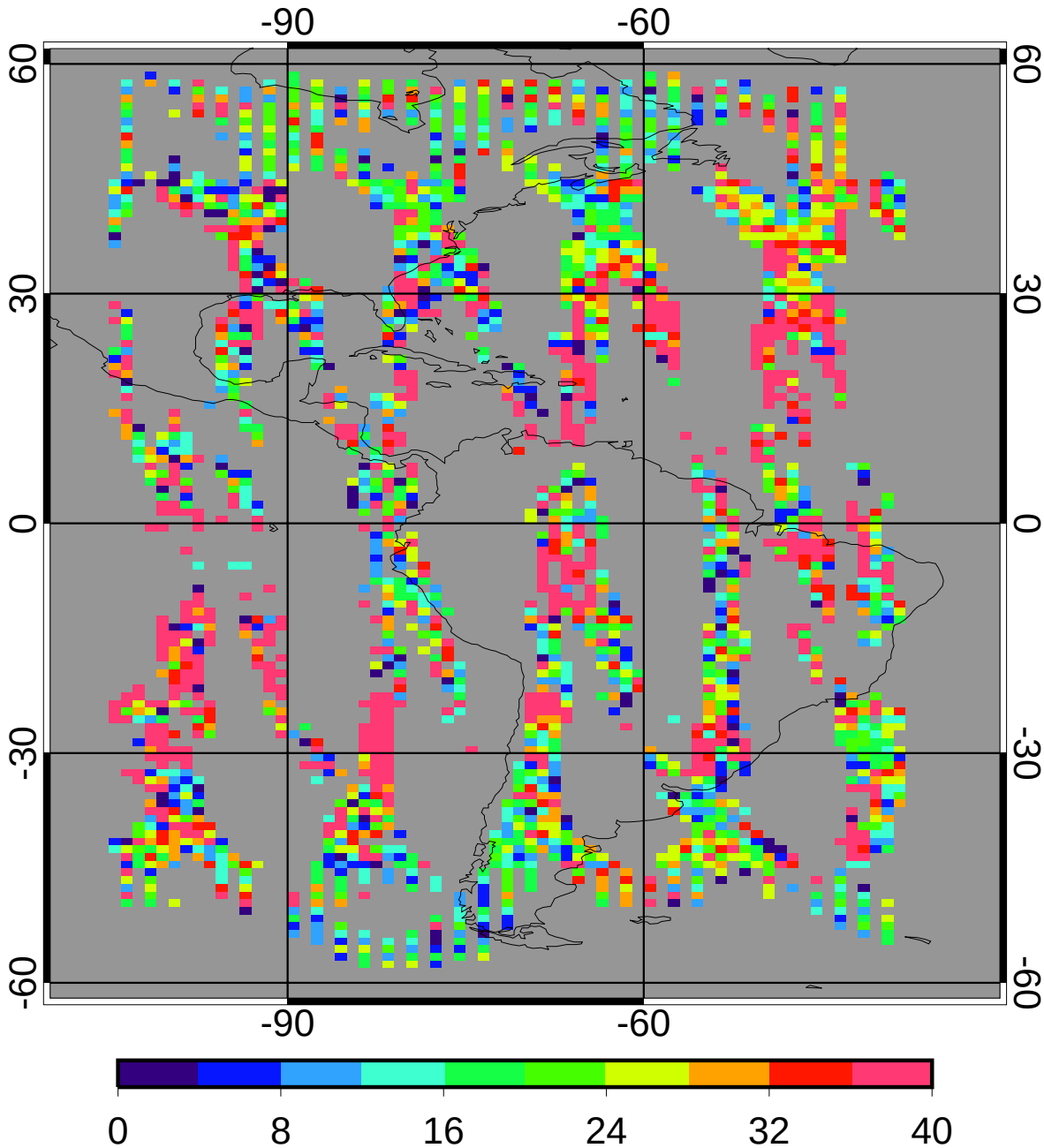
5ch_V01 Jan 2010 (matched angle)



bias	1.66	3.66%
domain sigma	22.66	50.14%

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

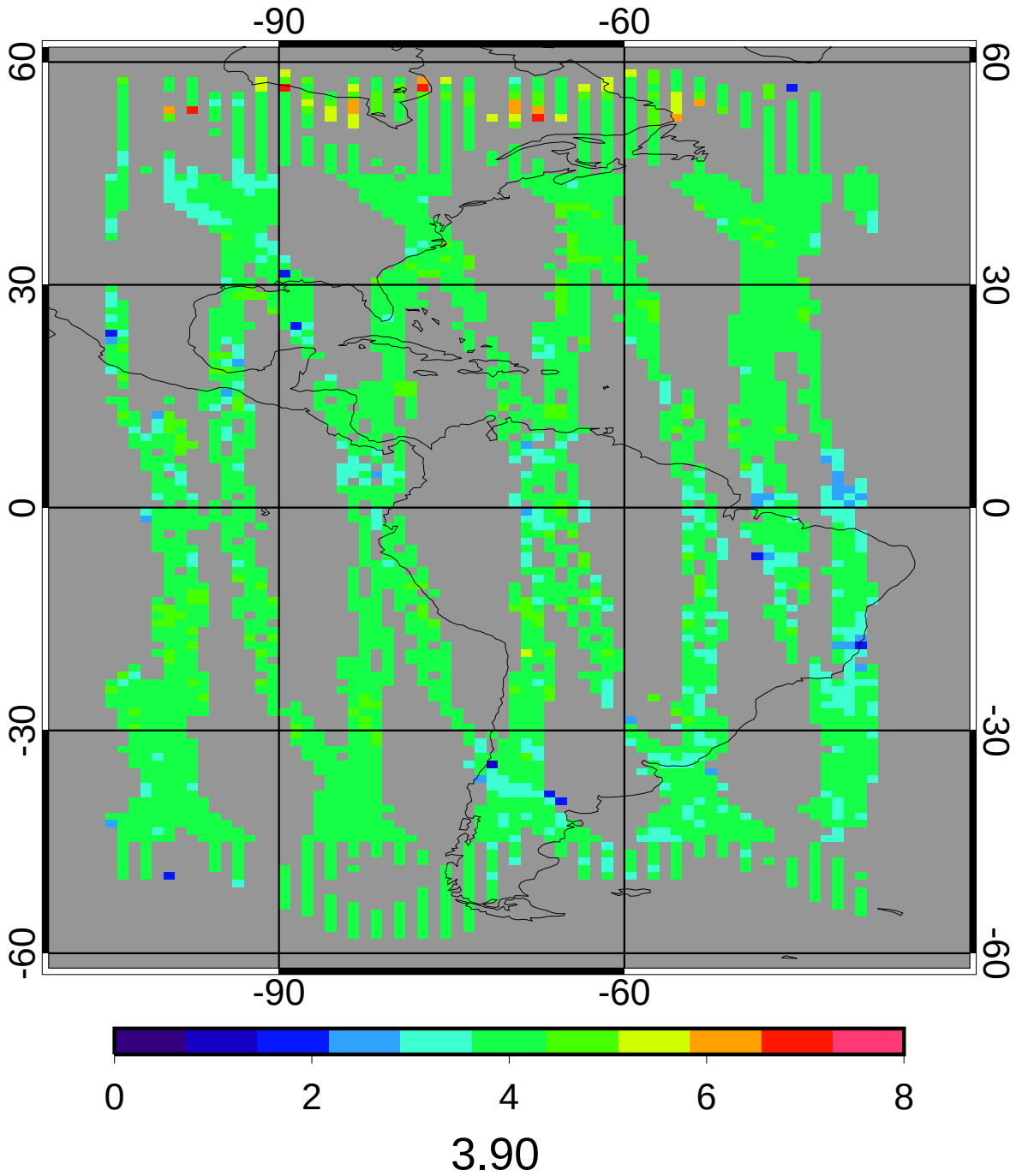
5ch_V01 Jan 2010 (matched angle)



regave rms	22.13	48.97%
domain rms	26.64	58.93%

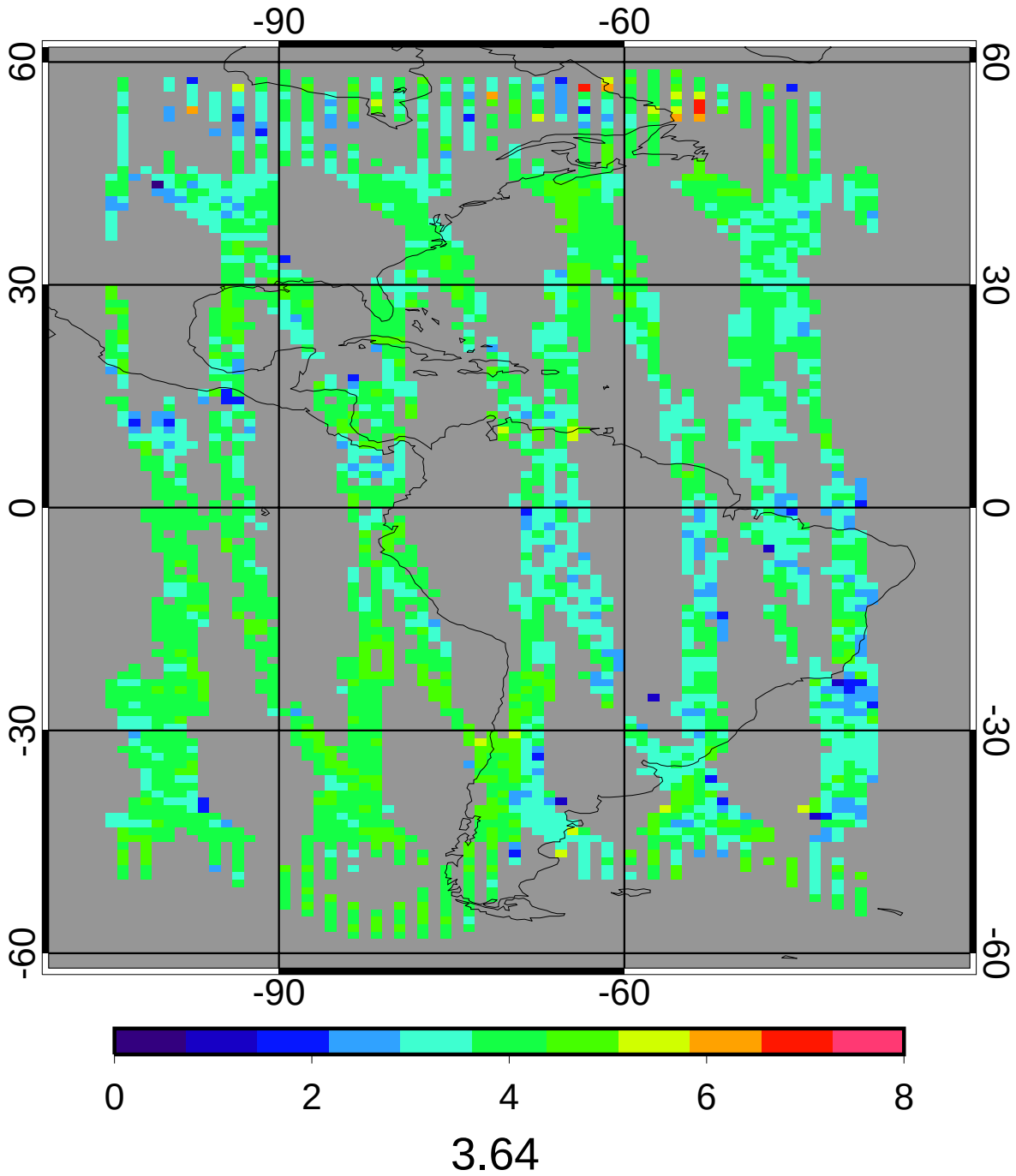
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



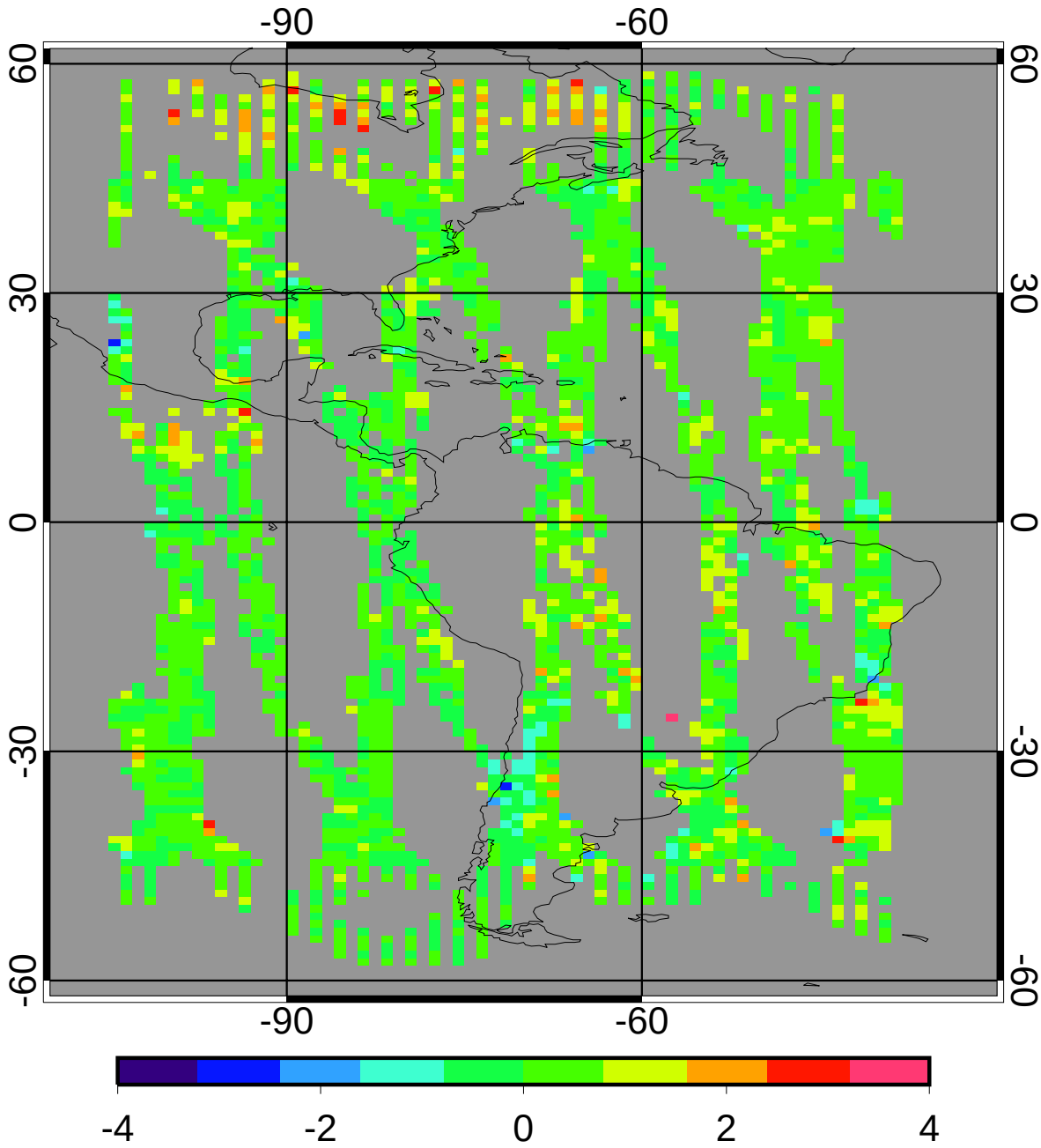
CERES/Terra MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

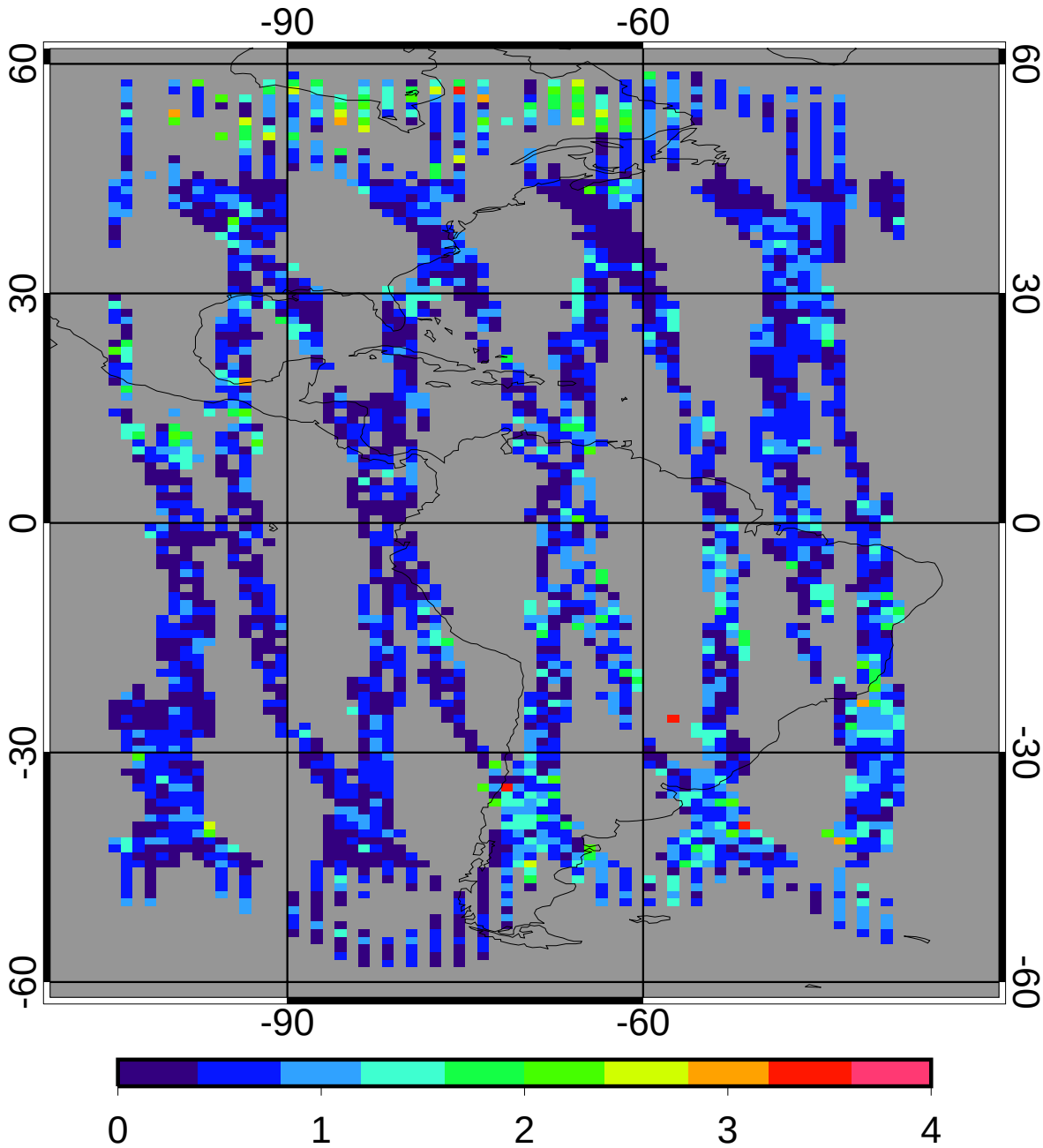
5ch_V01 Jan 2010 (matched angle)



bias	0.26	7.27%
domain sigma	0.50	13.62%

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

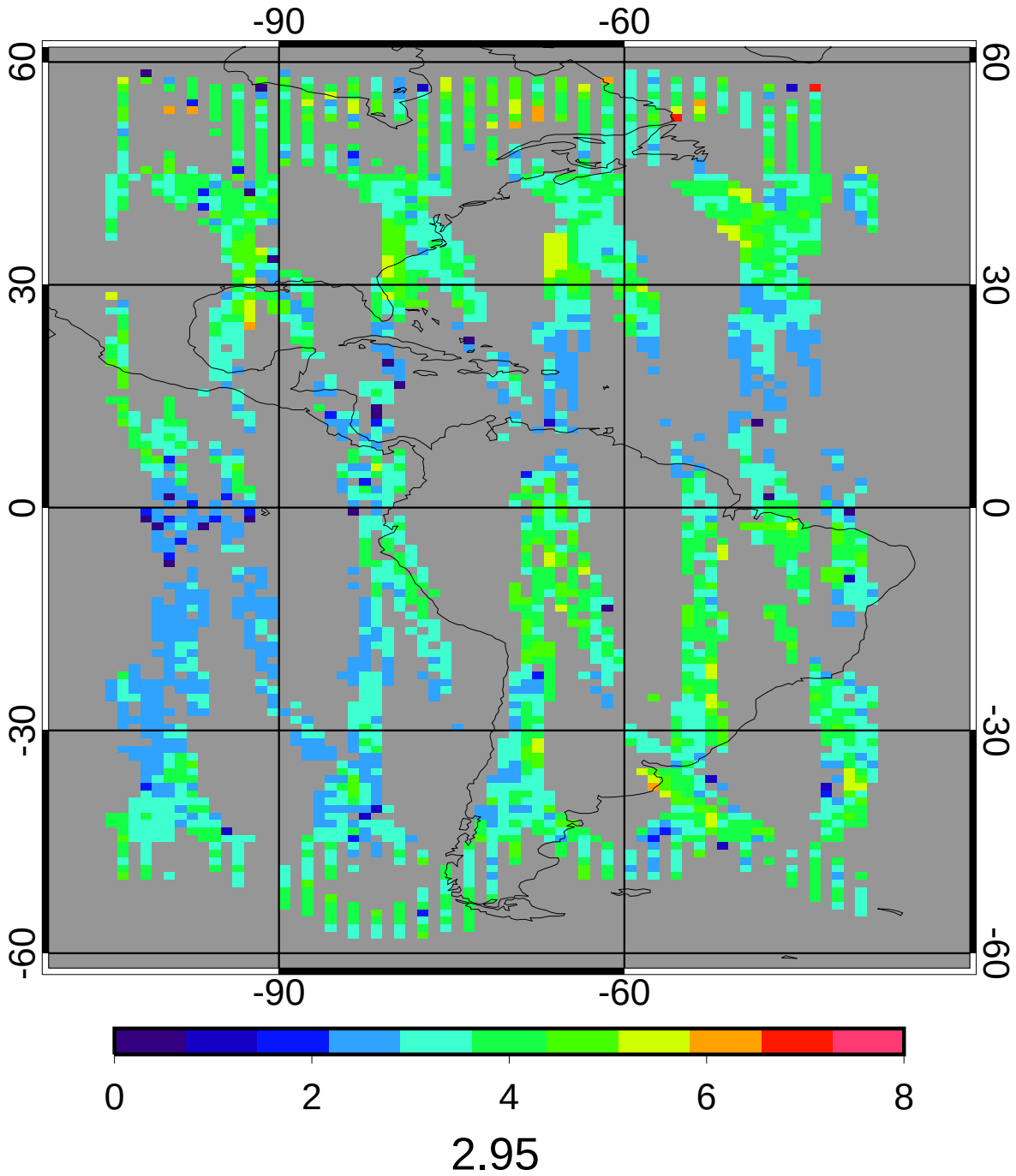
5ch_V01 Jan 2010 (matched angle)



regave rms	0.59	16.34%
domain rms	0.71	19.51%

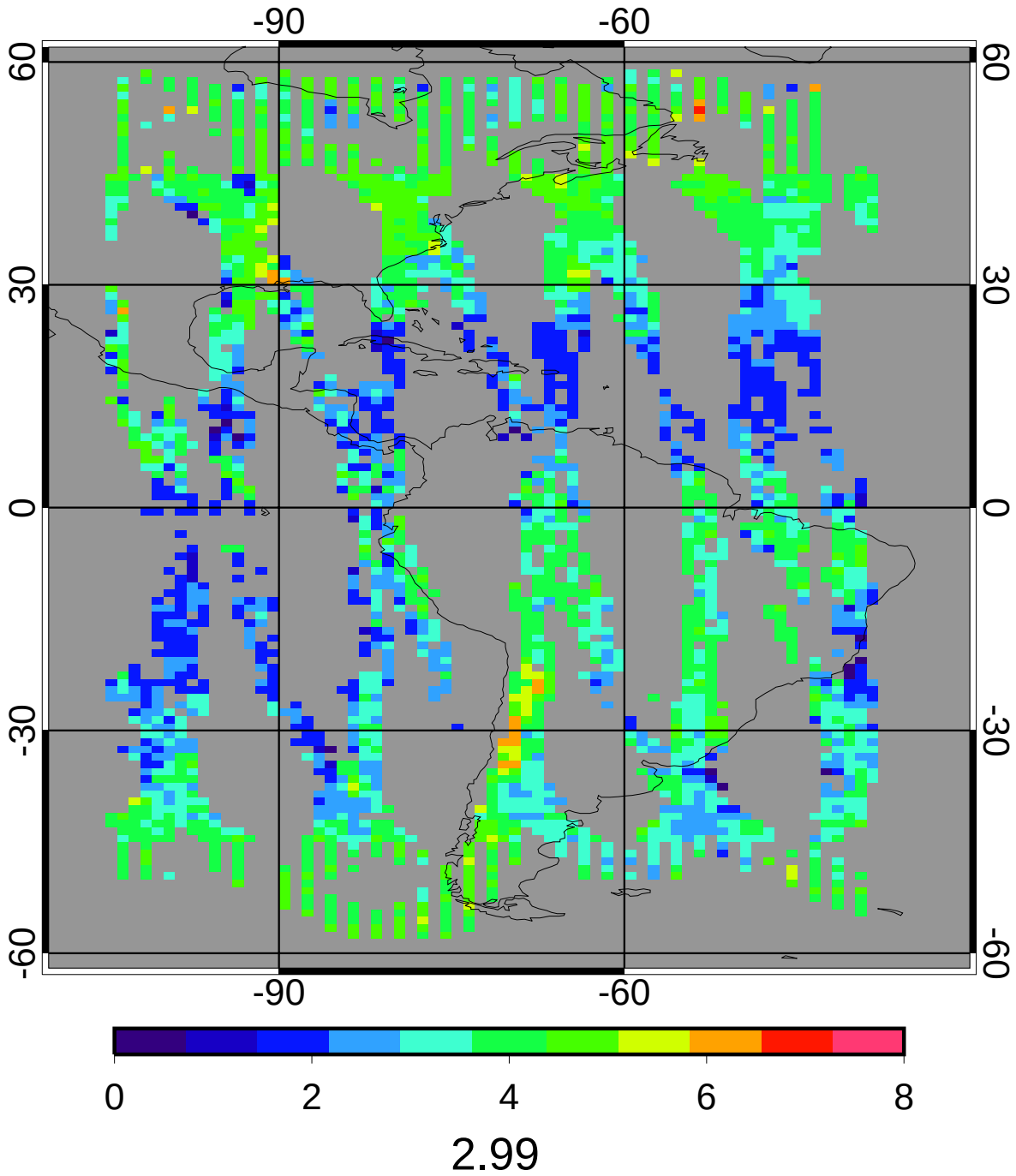
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



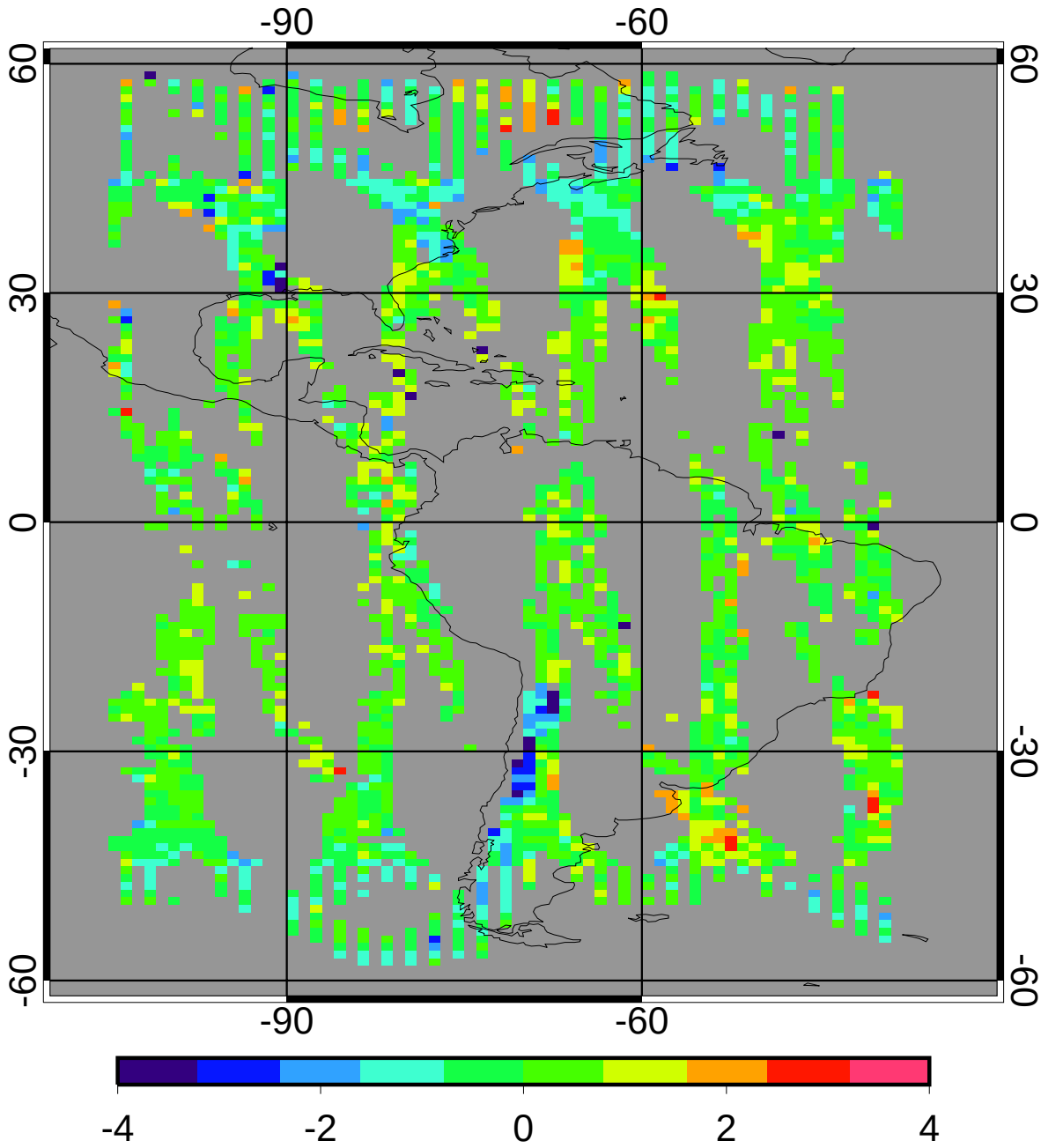
CERES/Terra MEAN Nighttime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010 (matched angle)



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

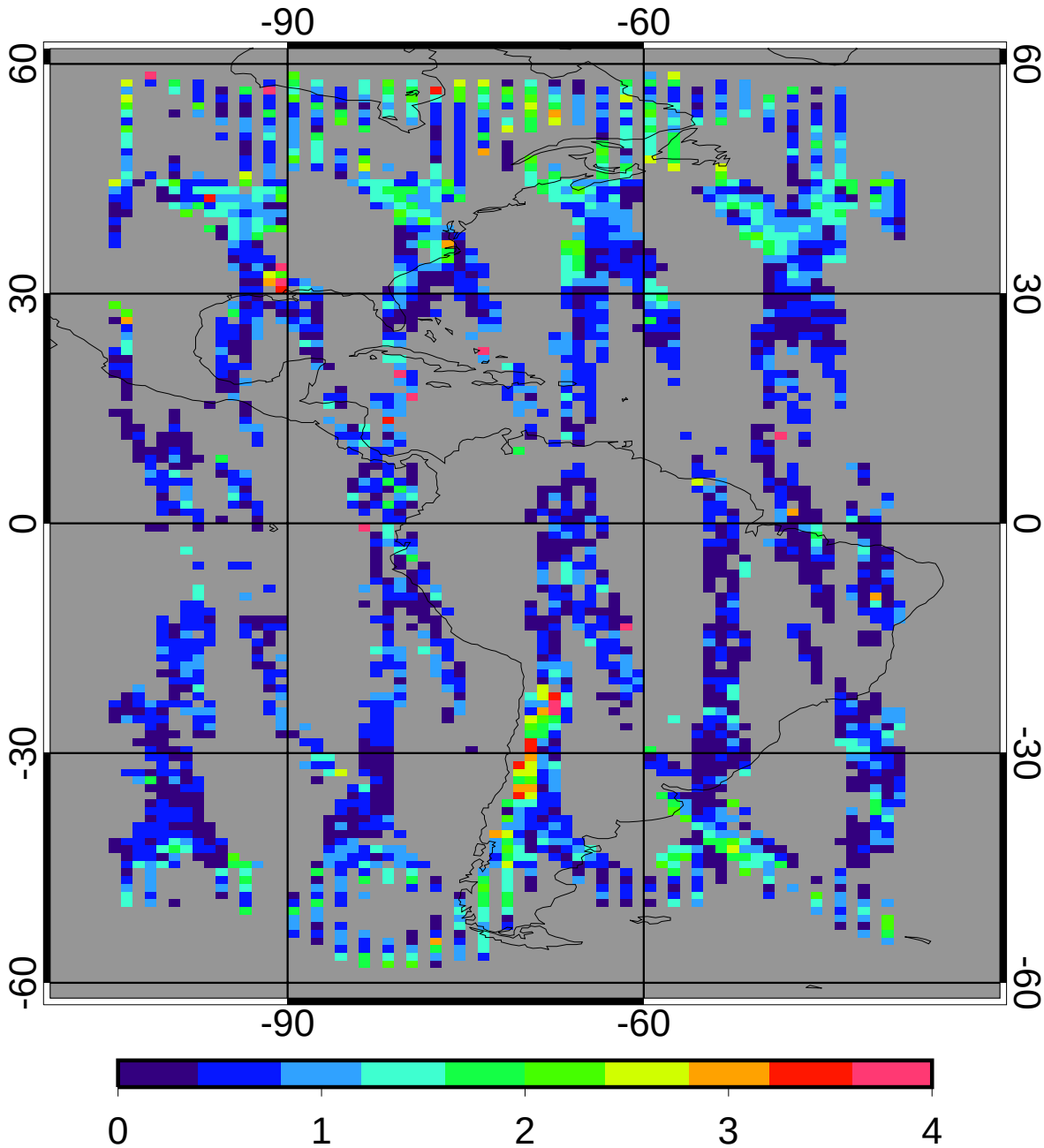
5ch_V01 Jan 2010 (matched angle)



bias	0.05	1.70%
domain sigma	0.73	24.46%

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

5ch_V01 Jan 2010 (matched angle)



regave rms	0.61	20.57%
domain rms	0.92	30.74%