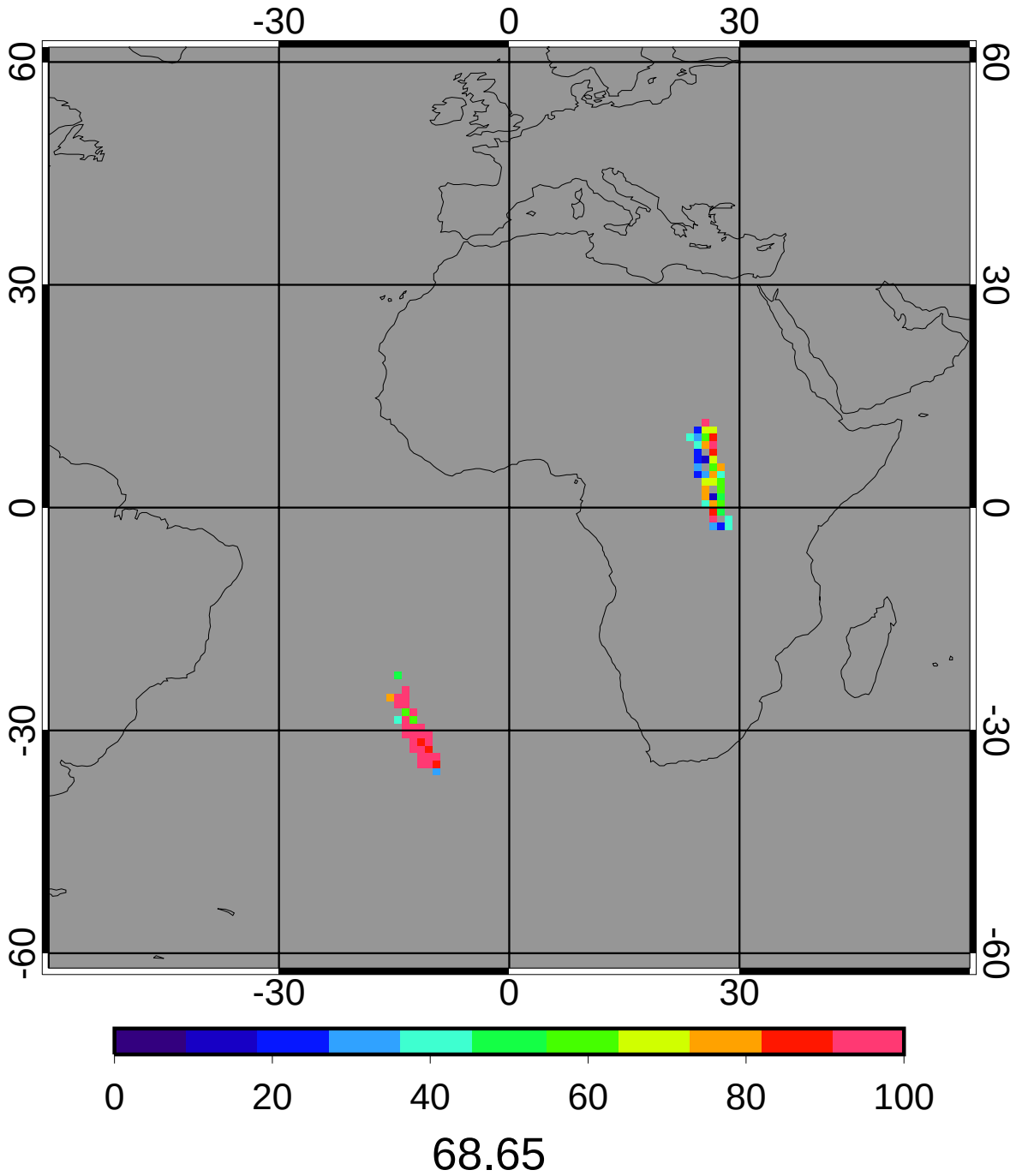
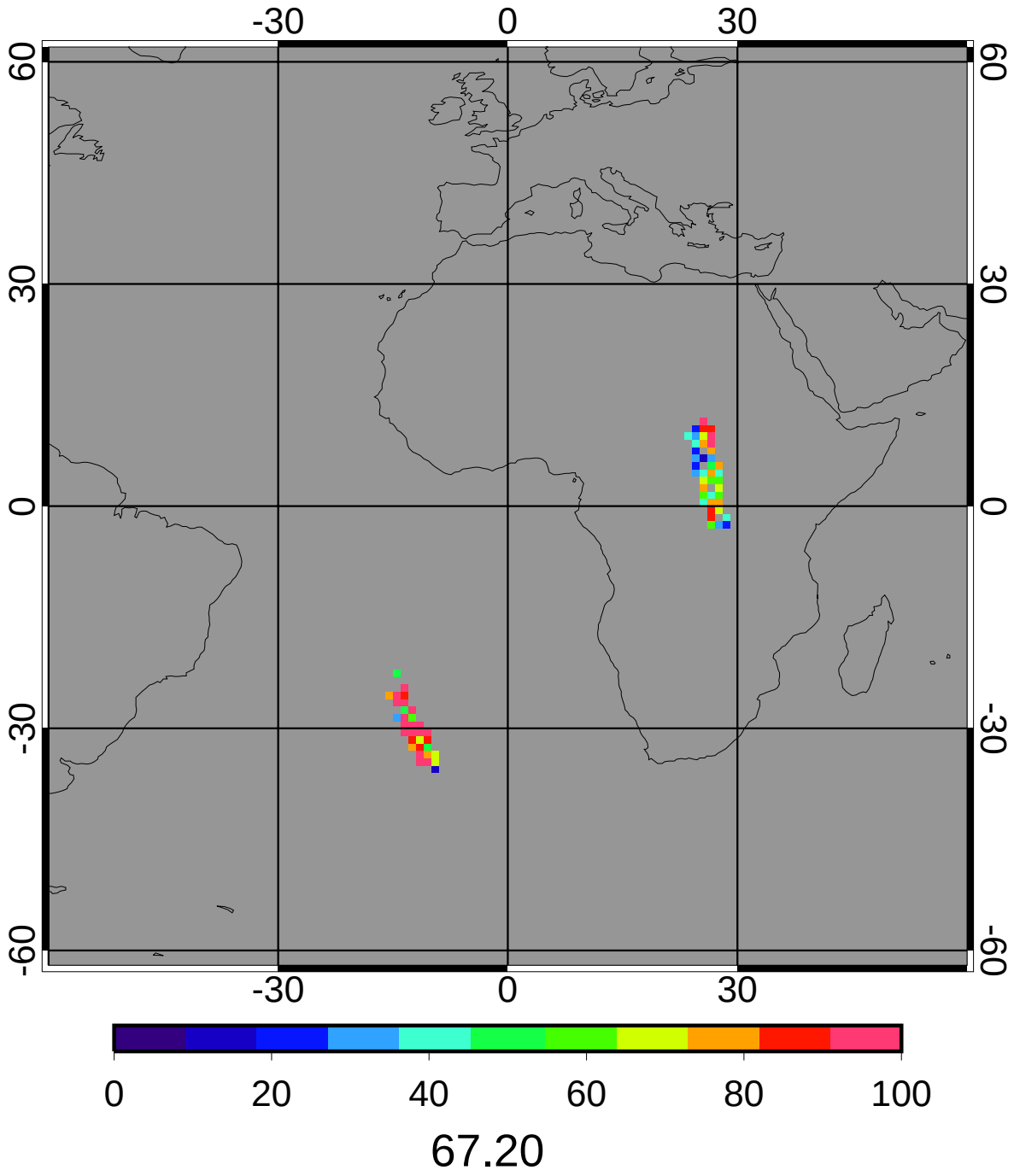
GGEO MEAN Daytime Cloud Amount (%)

5ch_39cal Jul 2010 (matched angle)



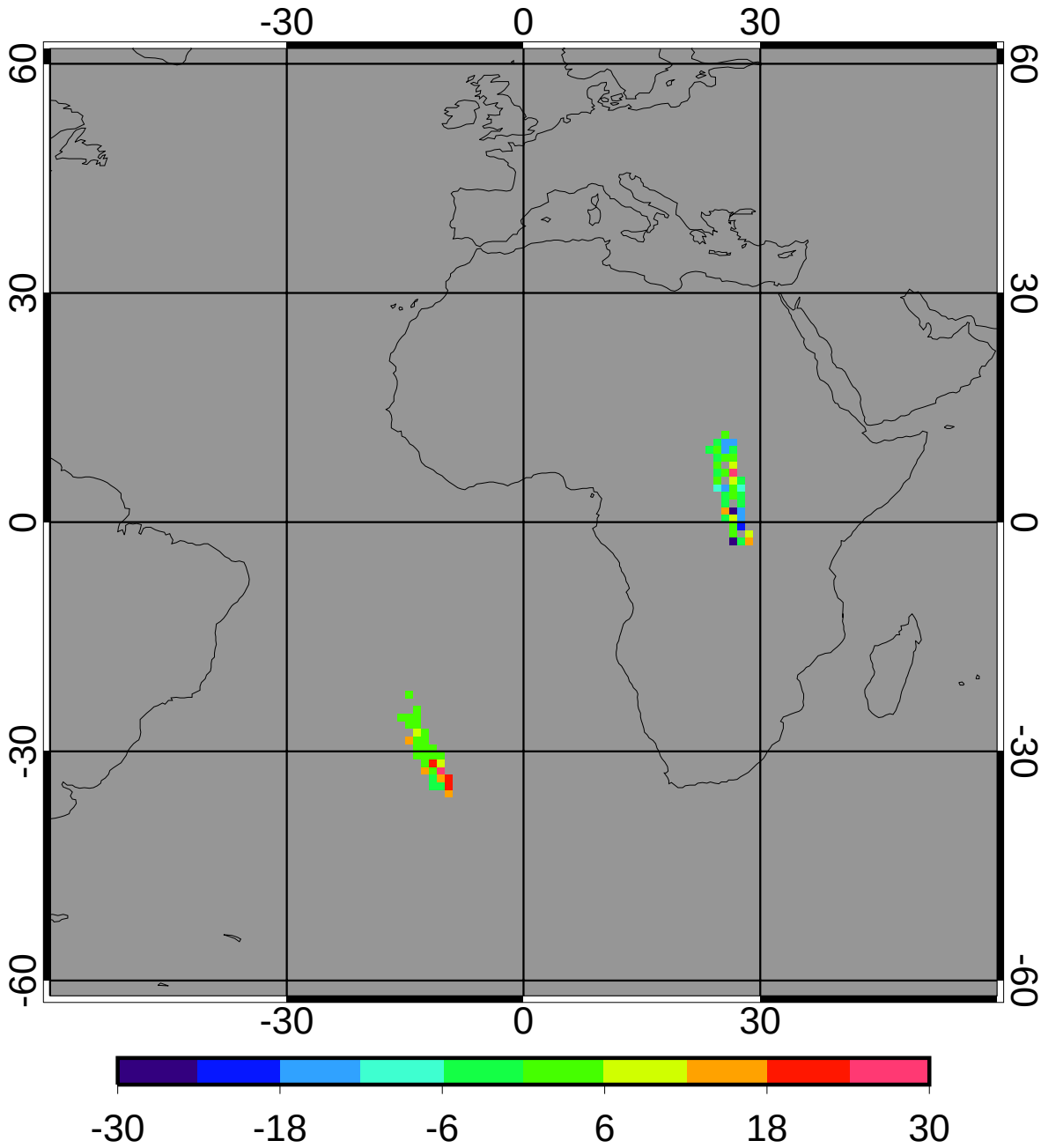
CERES/Aqua MEAN Daytime Cloud Amount (%)

5ch_39cal Jul 2010 (matched angle)



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

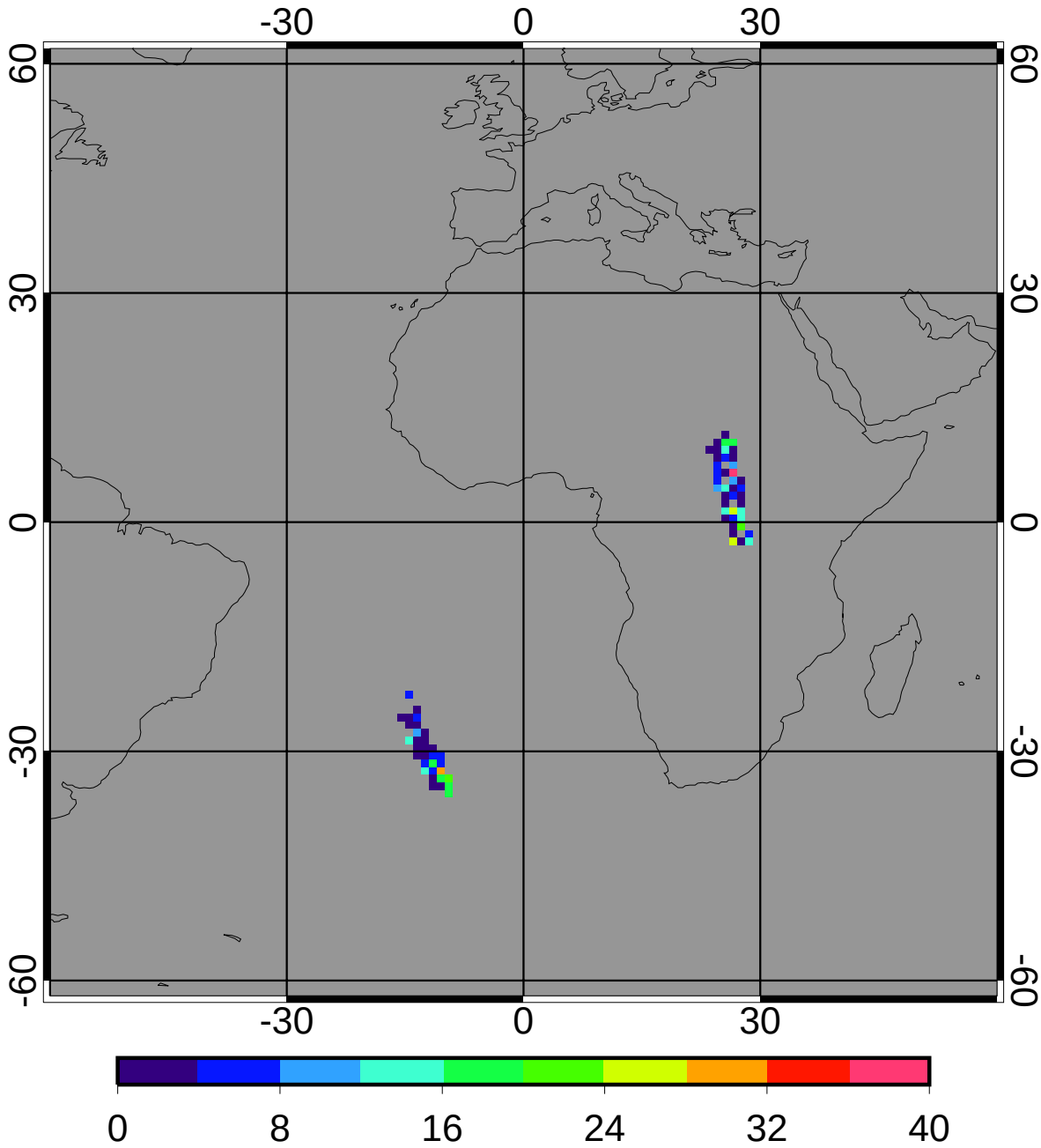
5ch_39cal Jul 2010 (matched angle)



bias	1.45	2.16%
domain sigma	10.34	15.38%

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

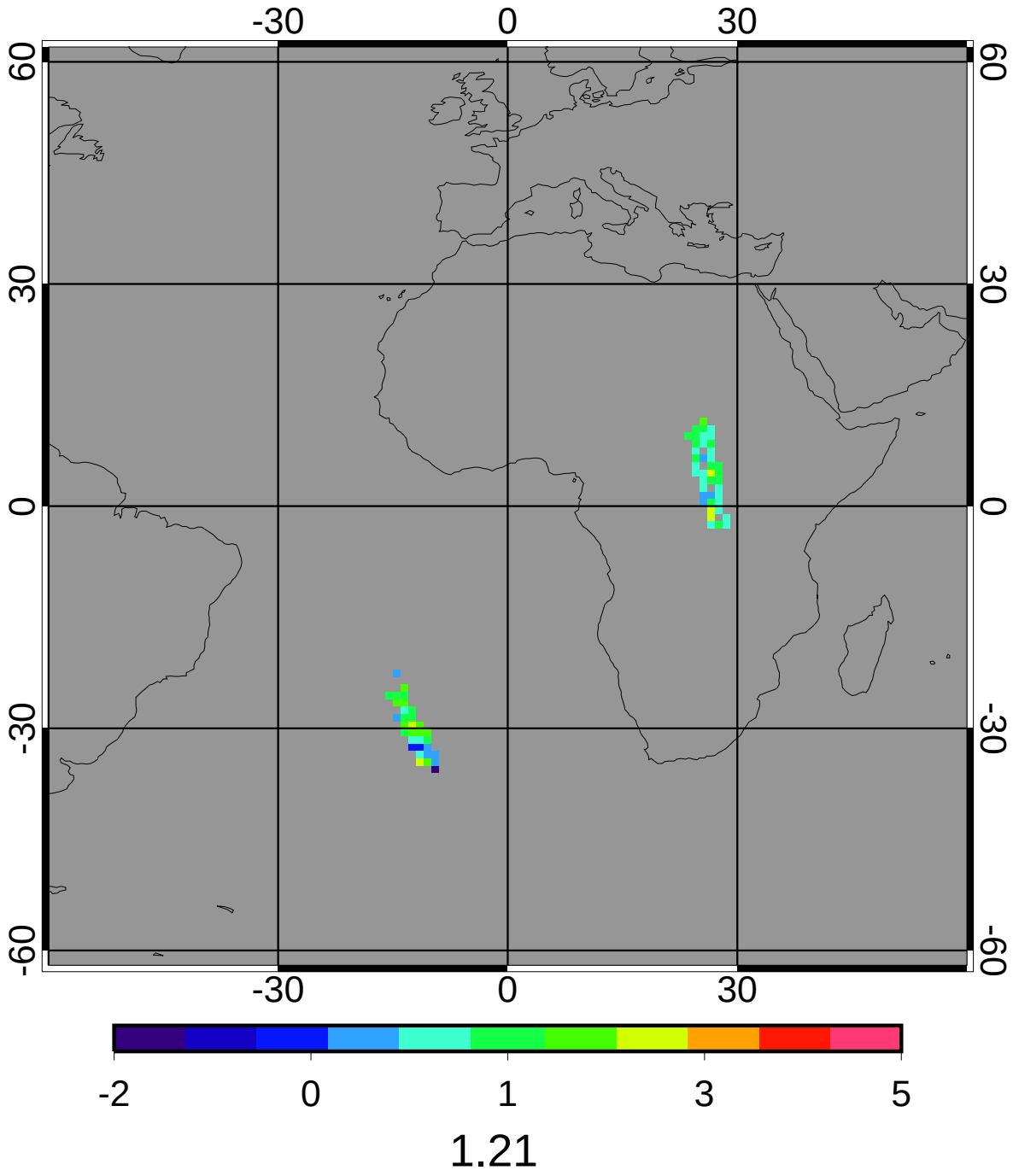
5ch_39cal Jul 2010 (matched angle)



regave rms	7.61	11.33%
domain rms	10.92	16.24%

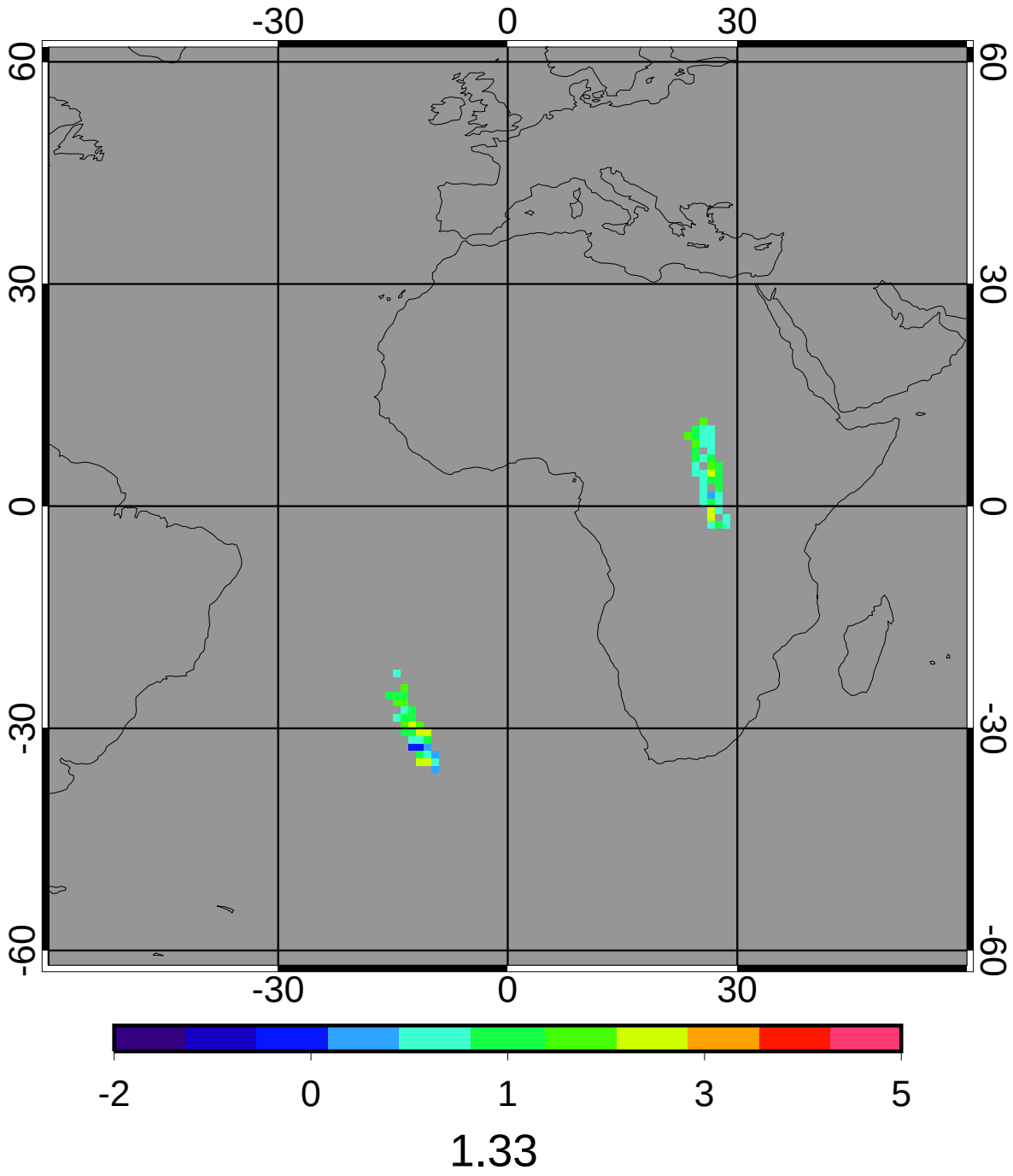
GGEO MEAN Daytime Log Optical Depth

5ch_39cal Jul 2010 (matched angle)



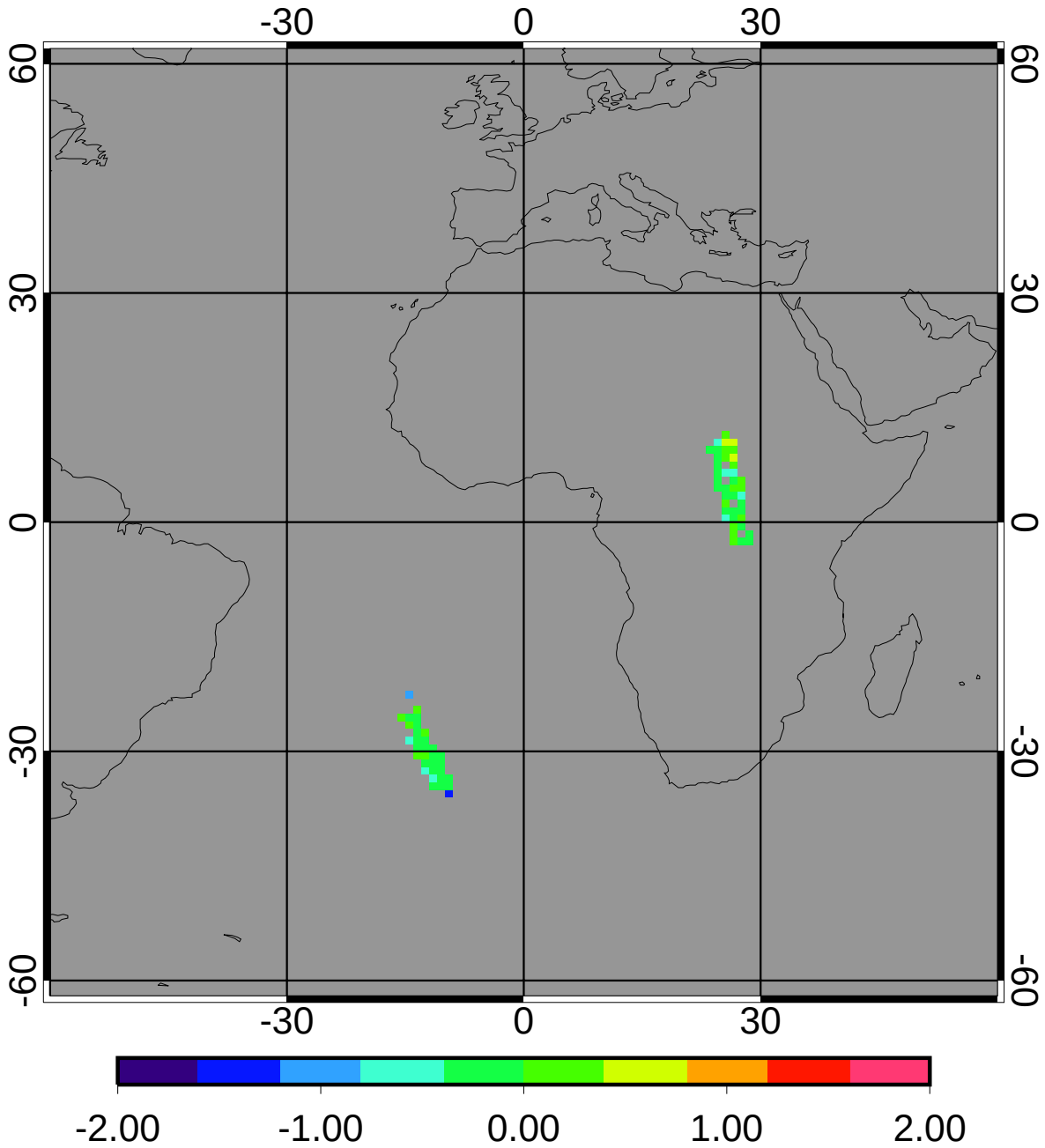
CERES/Aqua MEAN Daytime Log Optical Depth

5ch_39cal Jul 2010 (matched angle)



GGEO - CERES/Aqua Daytime Log Optical Depth Bias

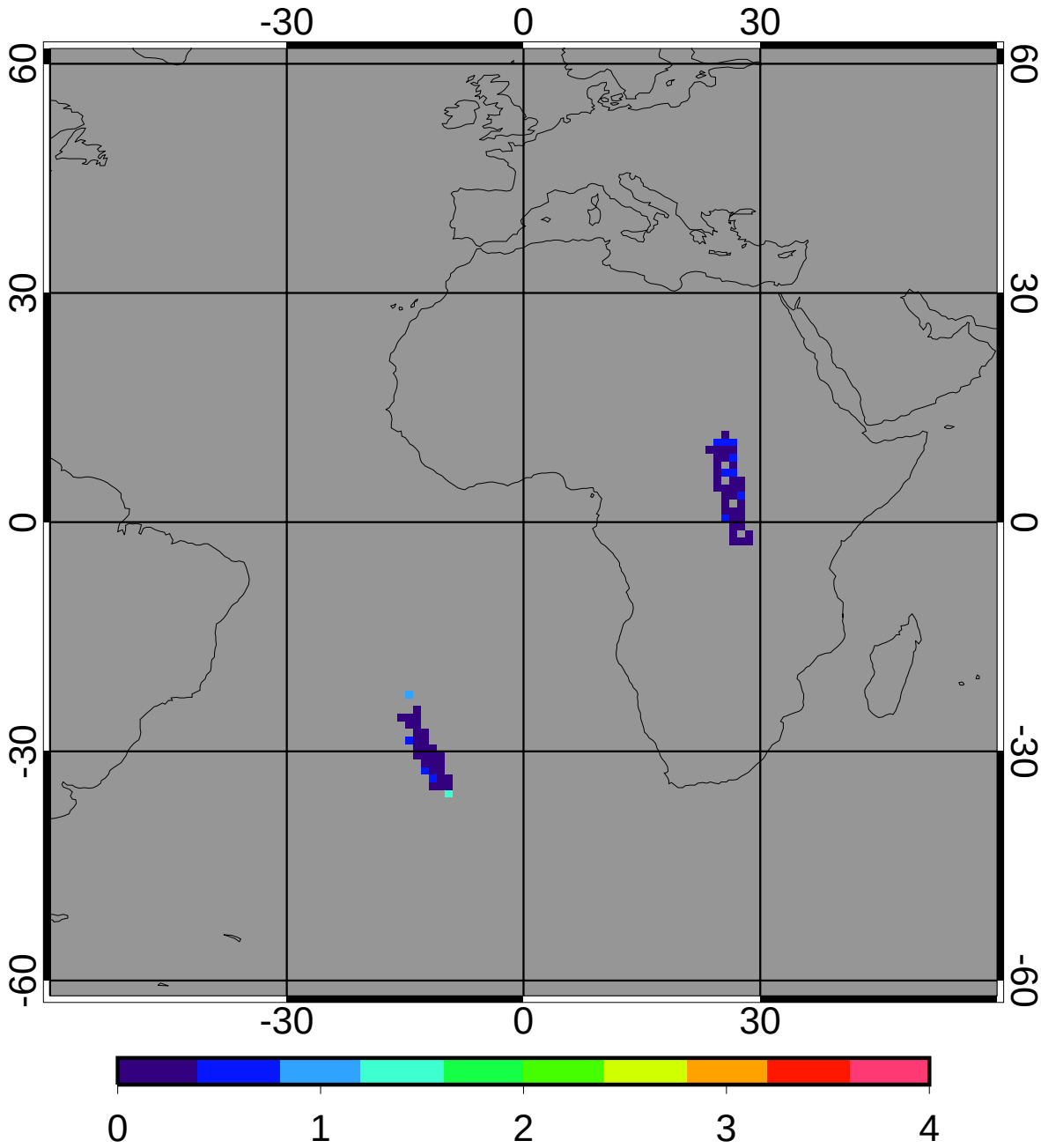
5ch_39cal Jul 2010 (matched angle)



bias	-0.12	-8.82%
domain sigma	0.28	21.01%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

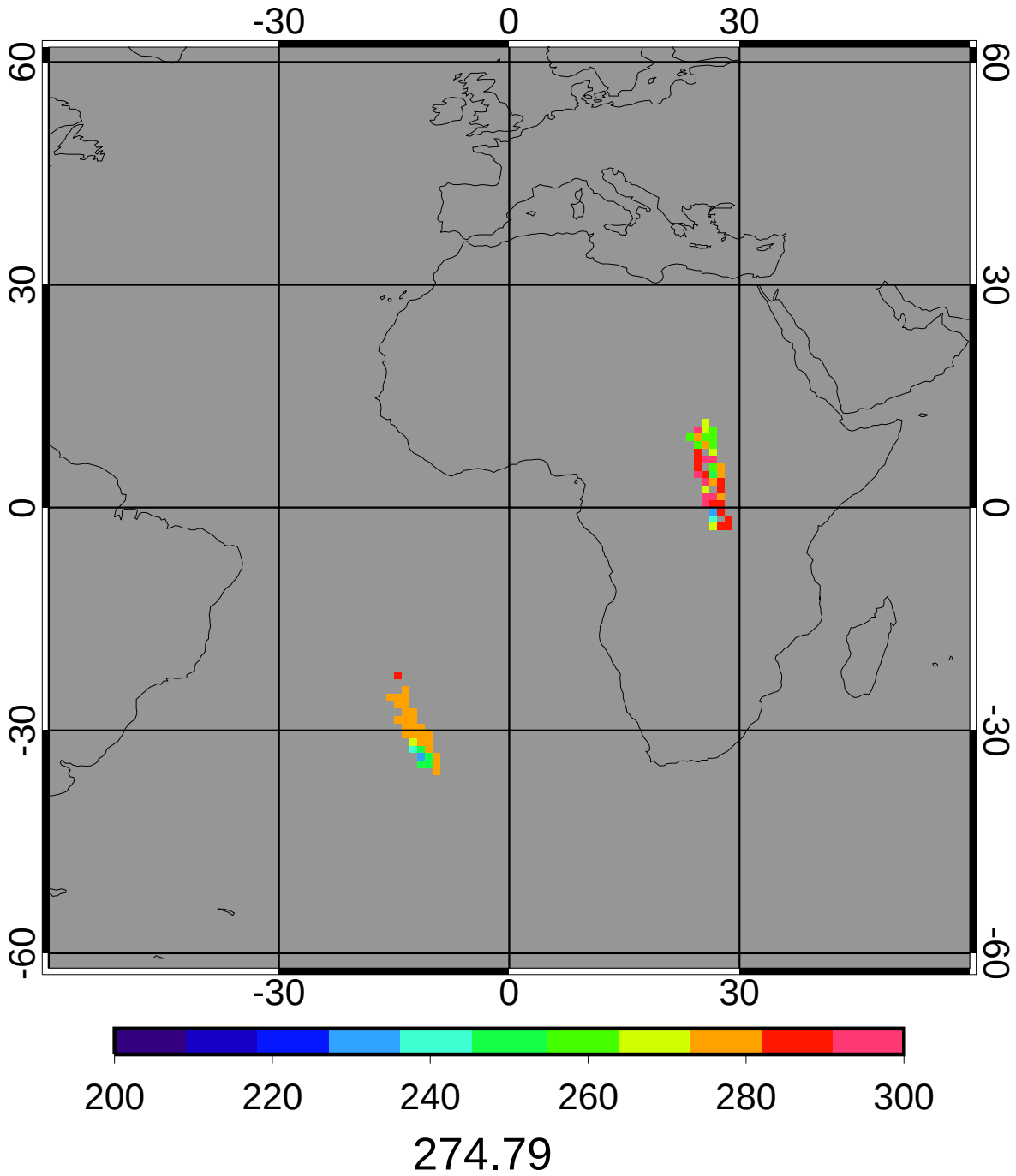
5ch_39cal Jul 2010 (matched angle)



regave rms	0.24	17.82%
domain rms	0.31	23.56%

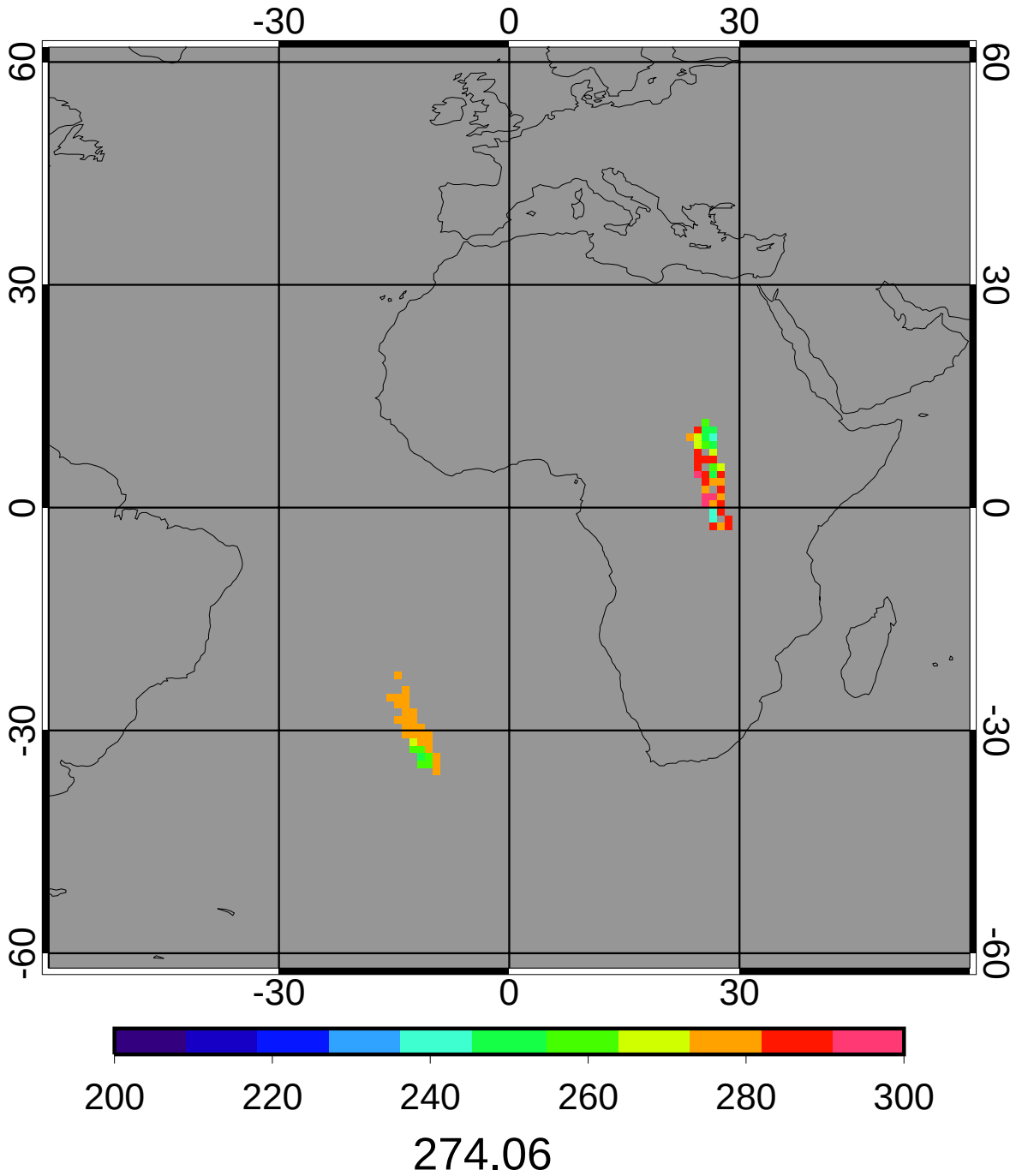
GGEO MEAN Daytime Cloud Temperature (K)

5ch_39cal Jul 2010 (matched angle)



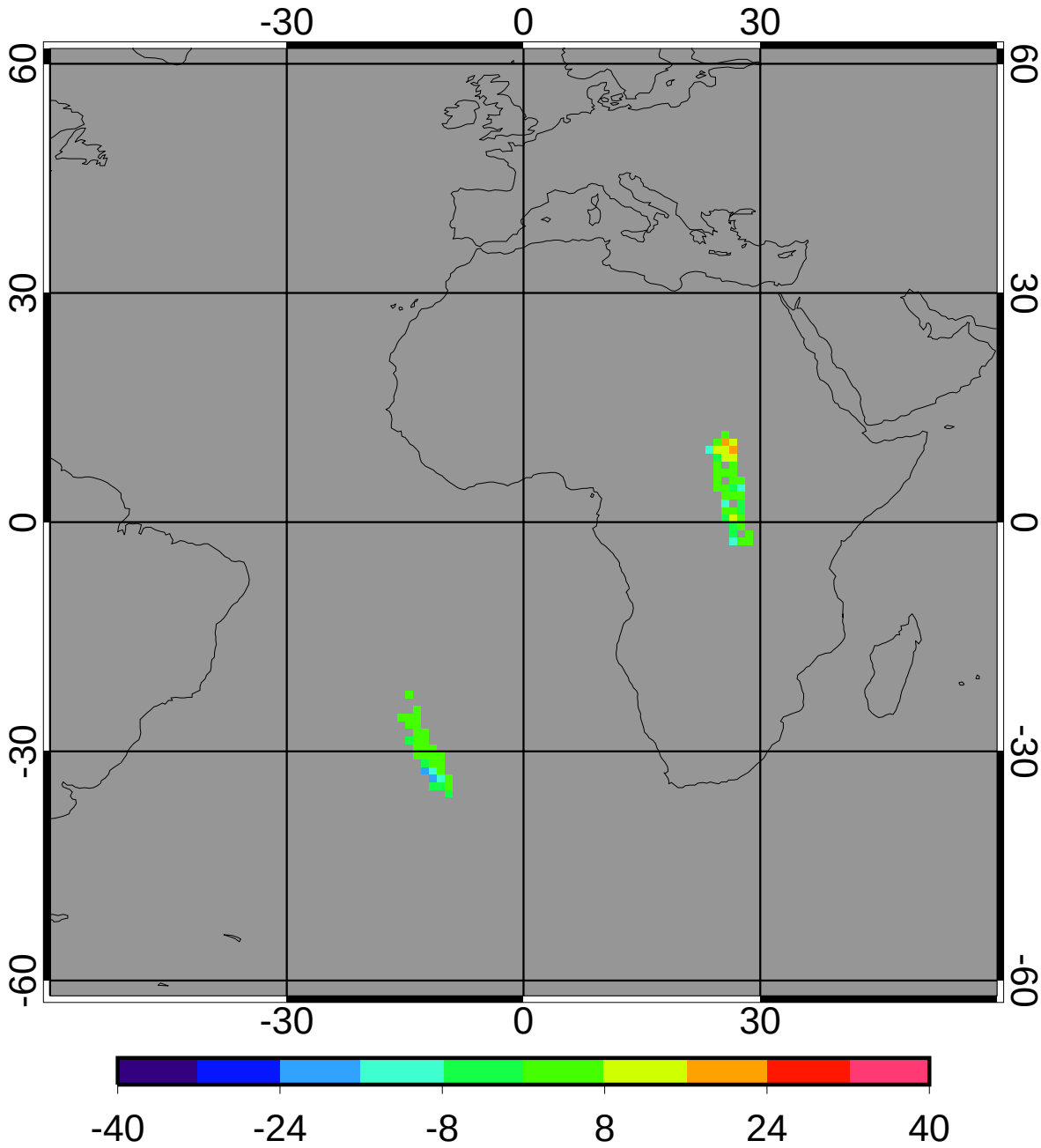
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch_39cal Jul 2010 (matched angle)



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

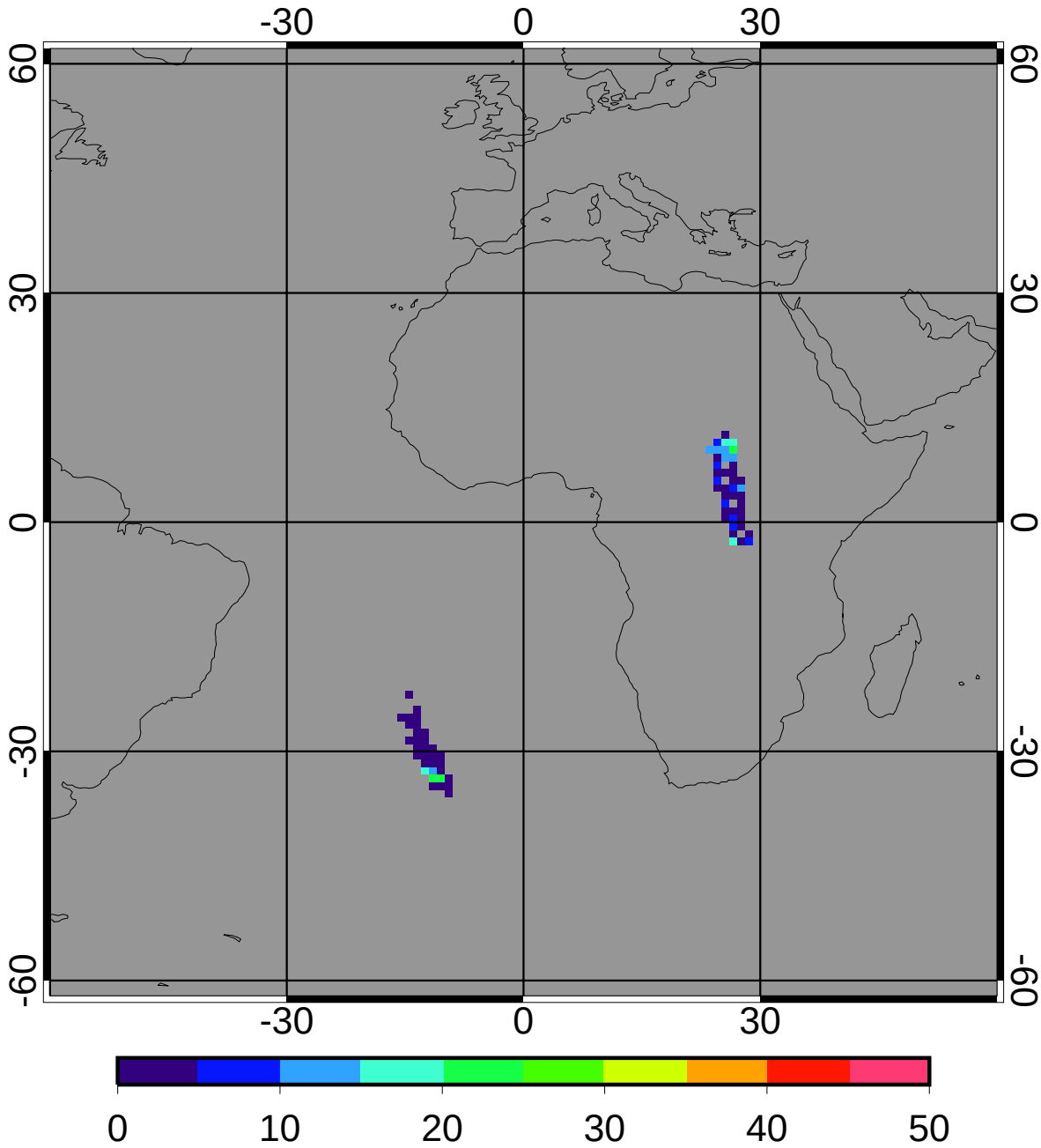
5ch_39cal Jul 2010 (matched angle)



bias	0.73	0.27%
domain sigma	6.77	2.47%

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

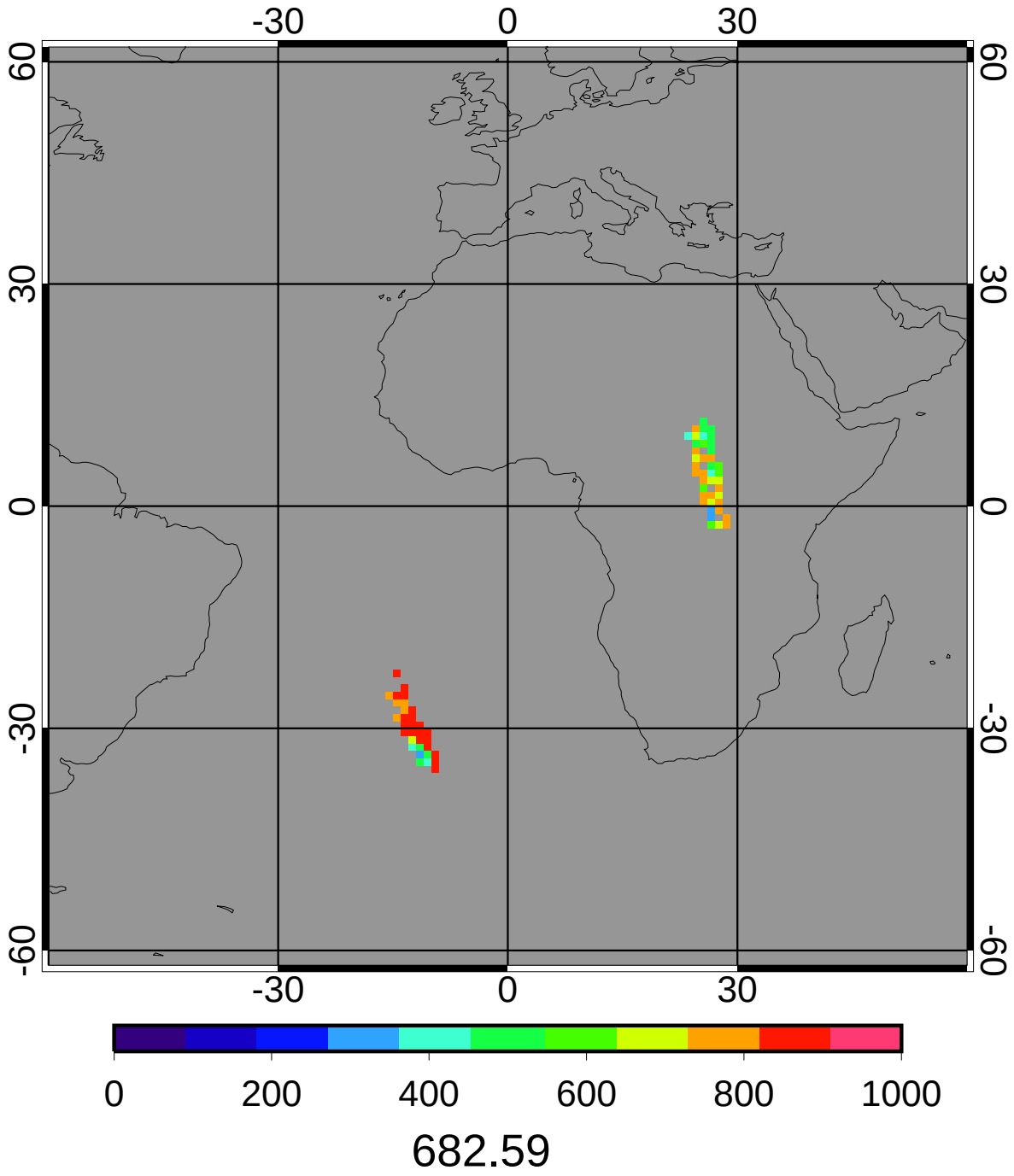
5ch_39cal Jul 2010 (matched angle)



regave rms	4.75	1.73%
domain rms	7.43	2.71%

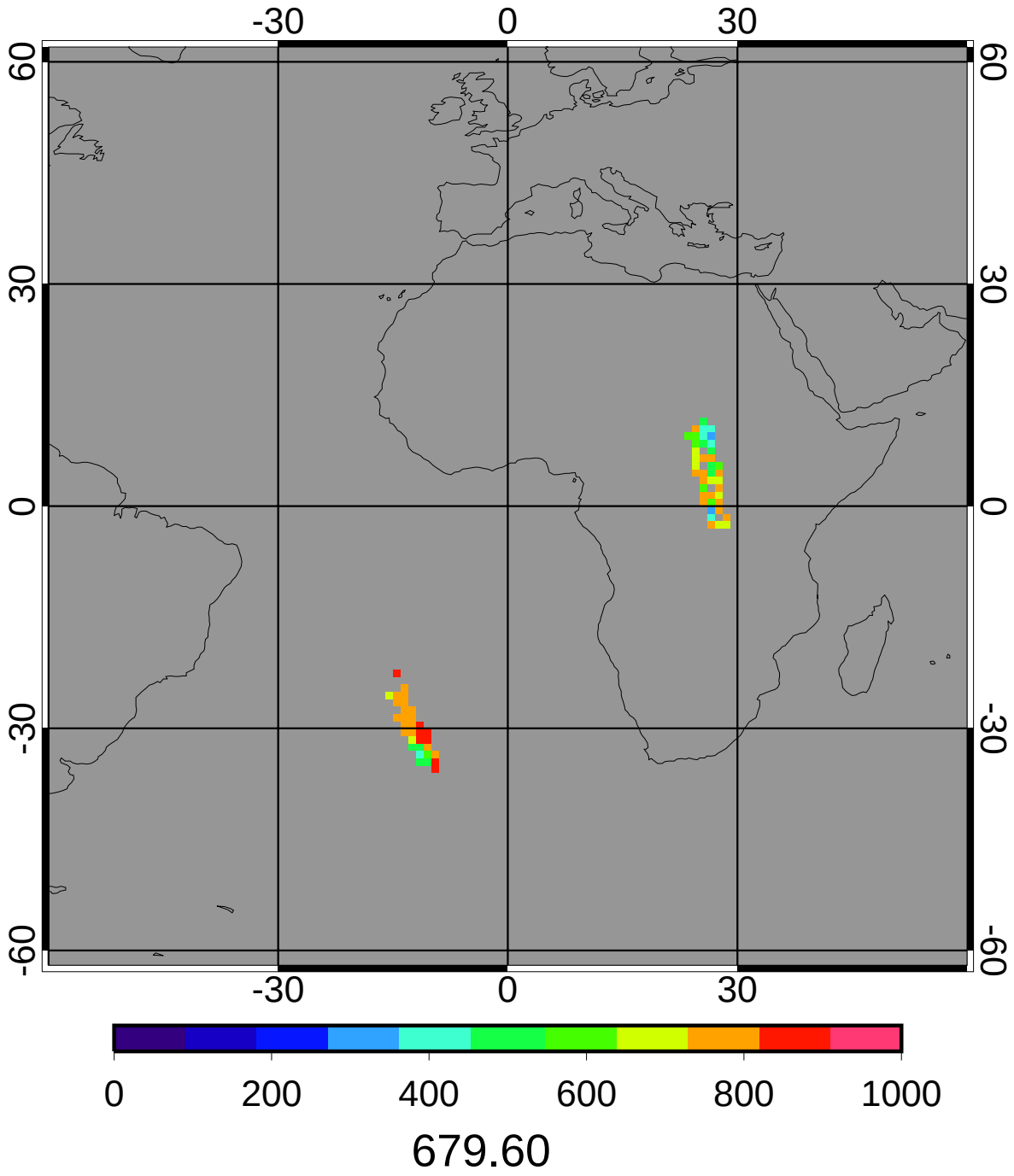
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



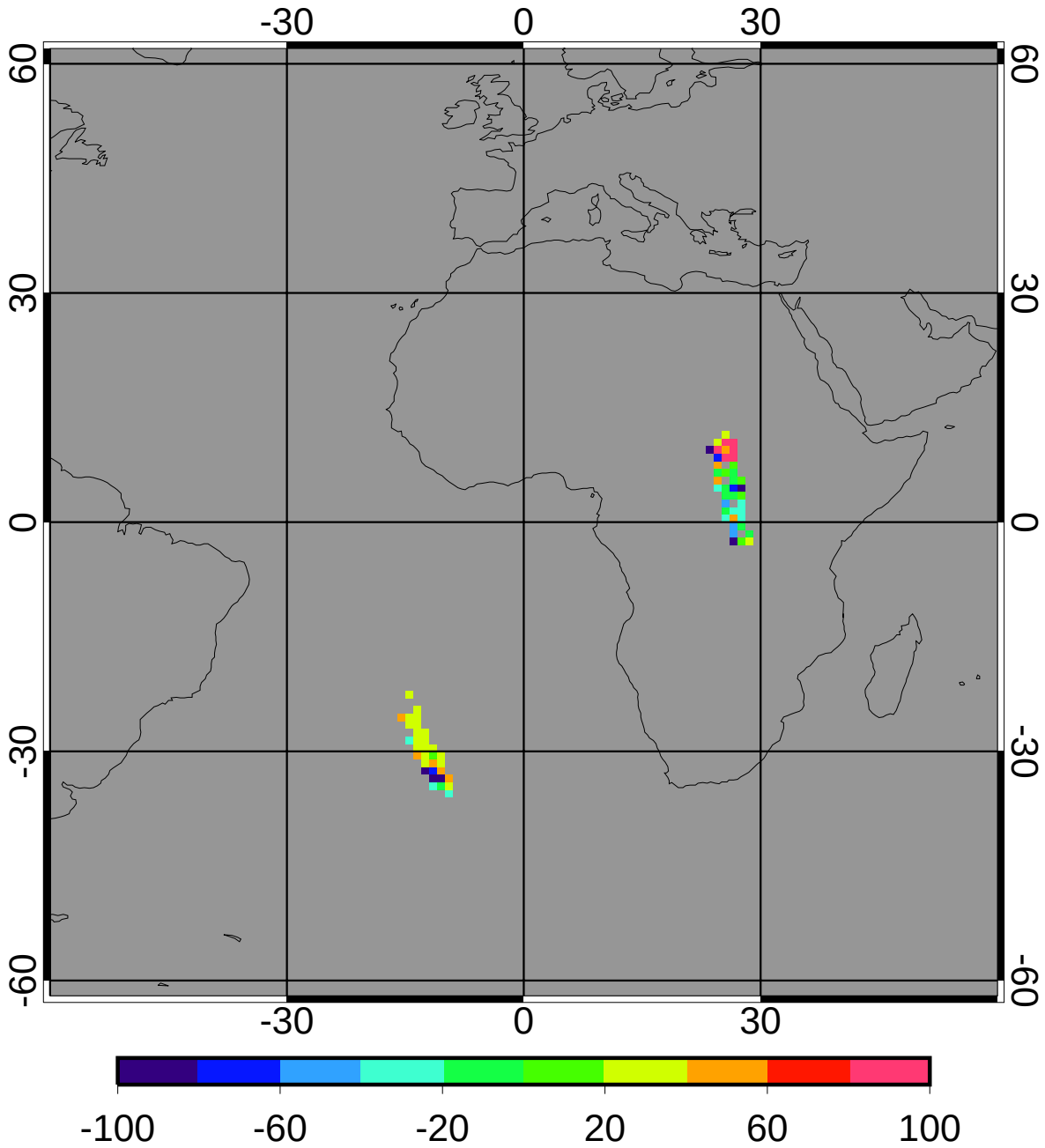
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



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

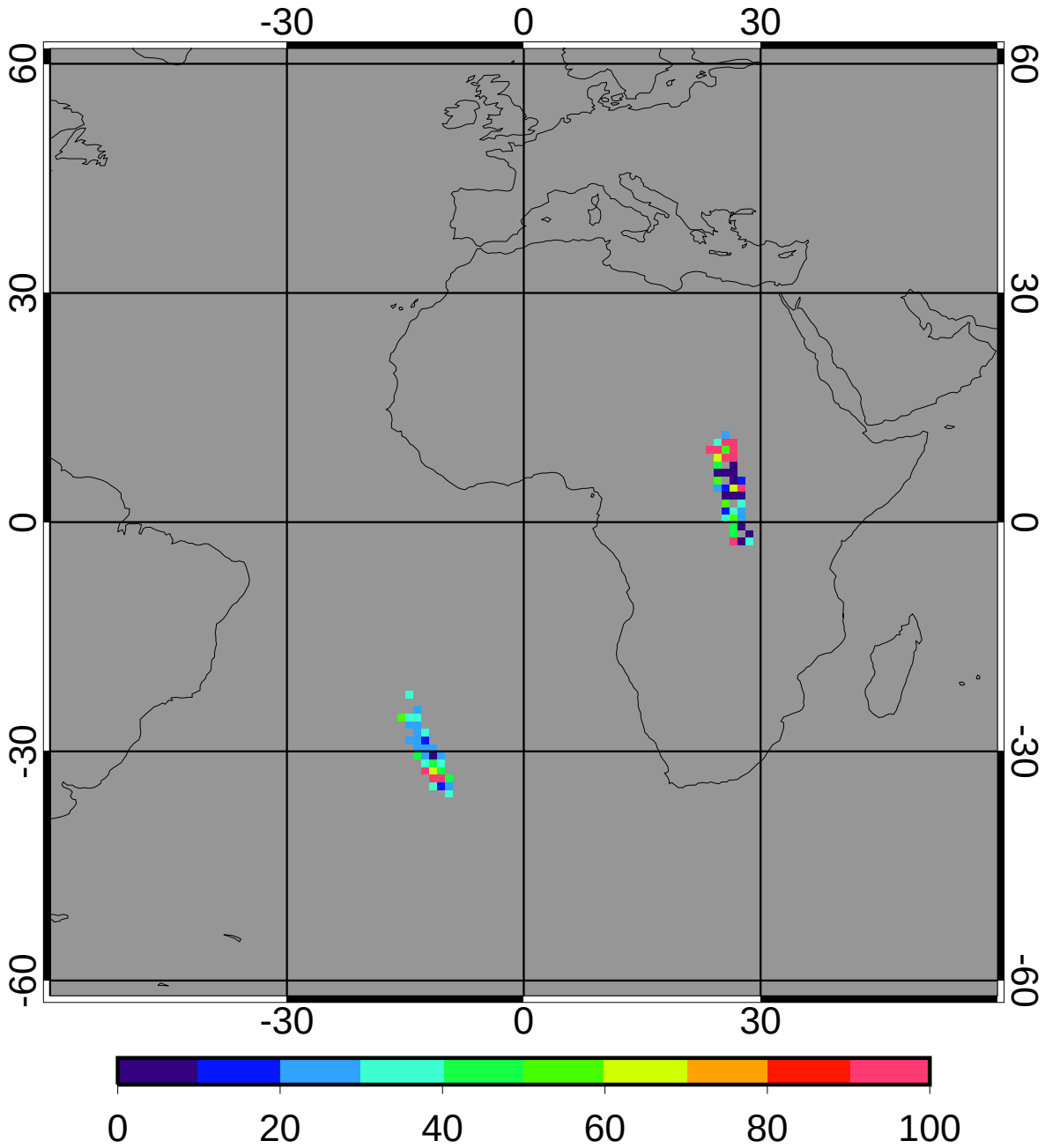
5ch_39cal Jul 2010 (matched angle)



bias	2.98	0.44%
domain sigma	54.85	8.07%

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

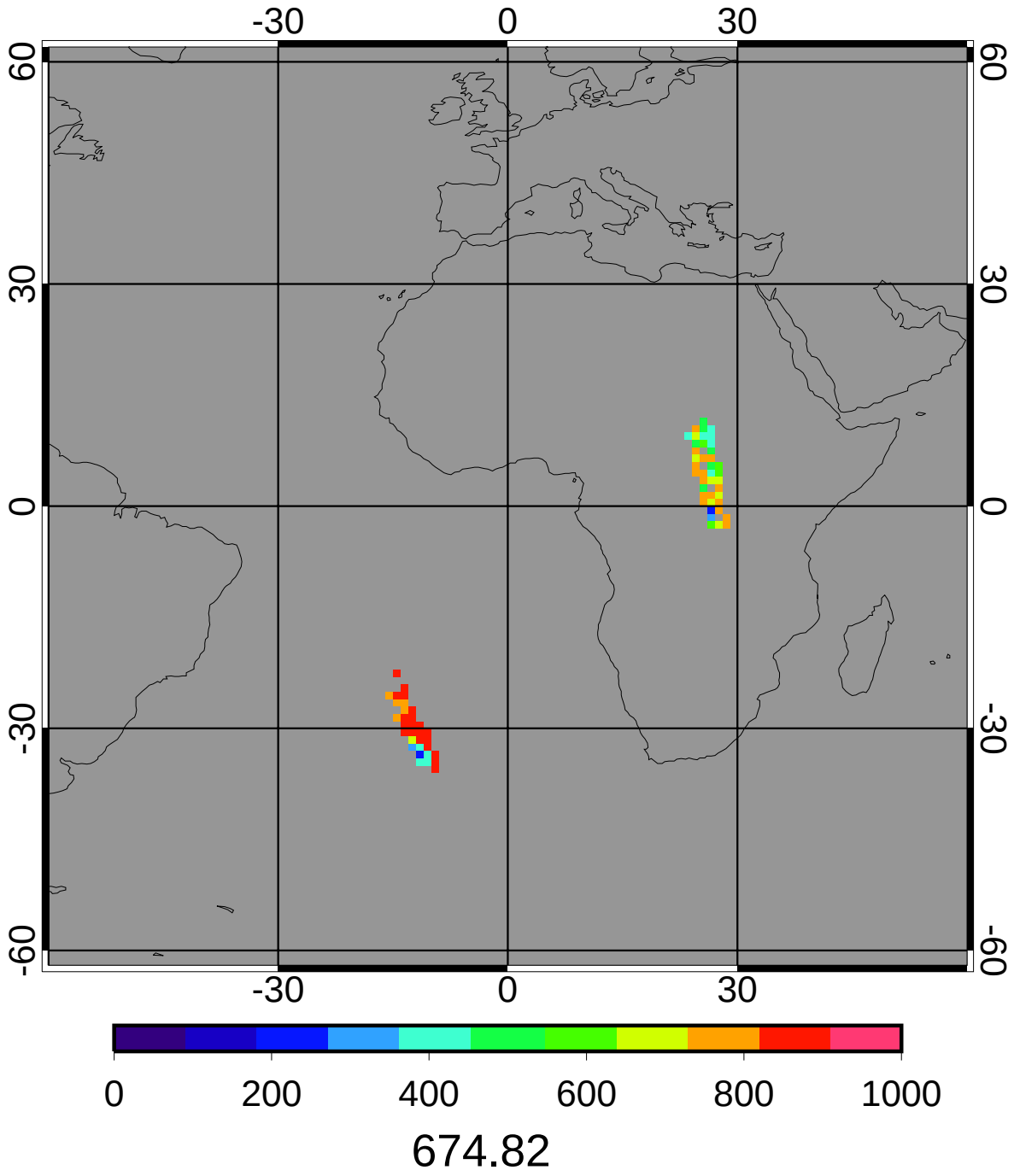
5ch_39cal Jul 2010 (matched angle)



regave rms	44.18	6.50%
domain rms	58.25	8.57%

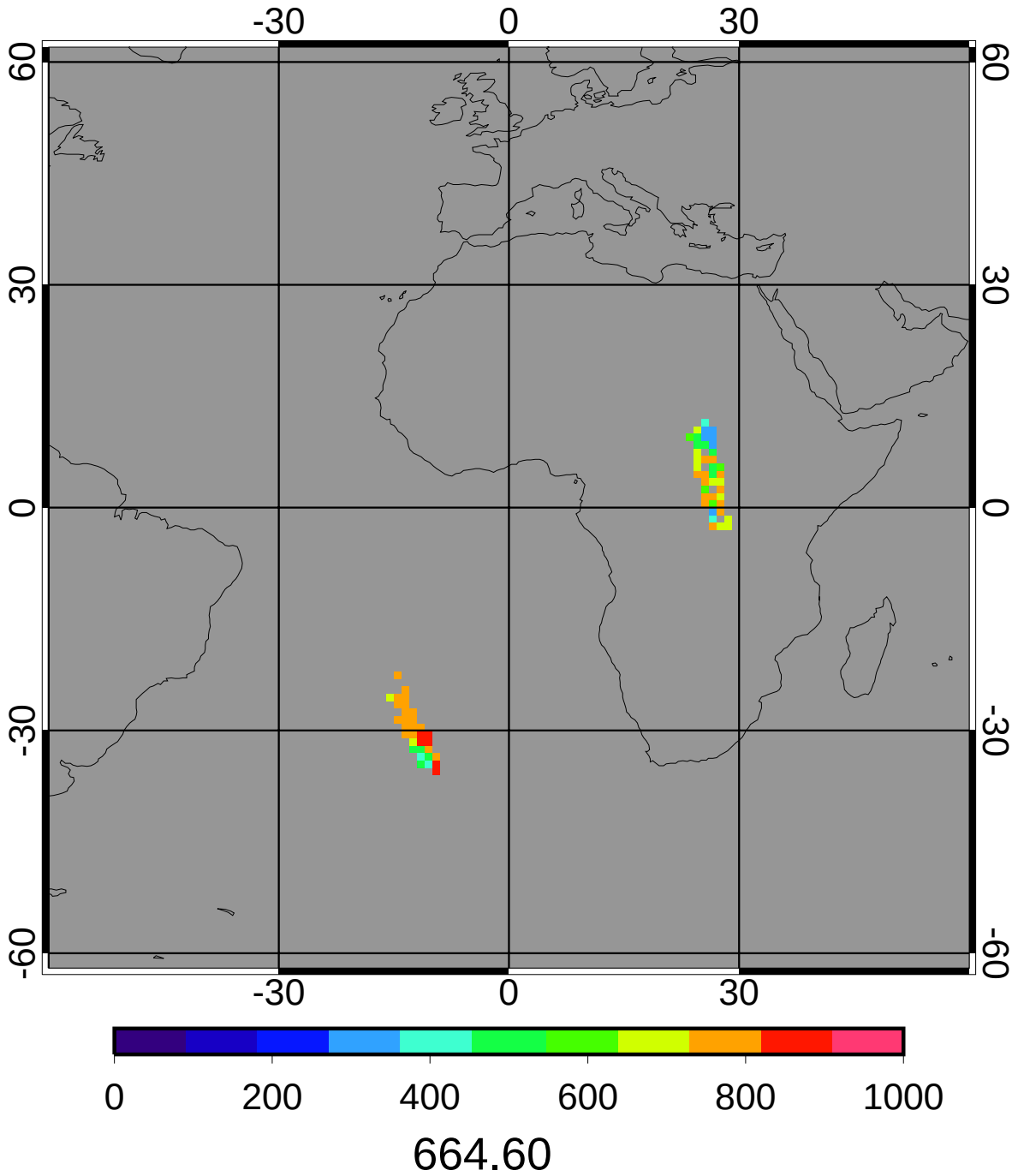
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



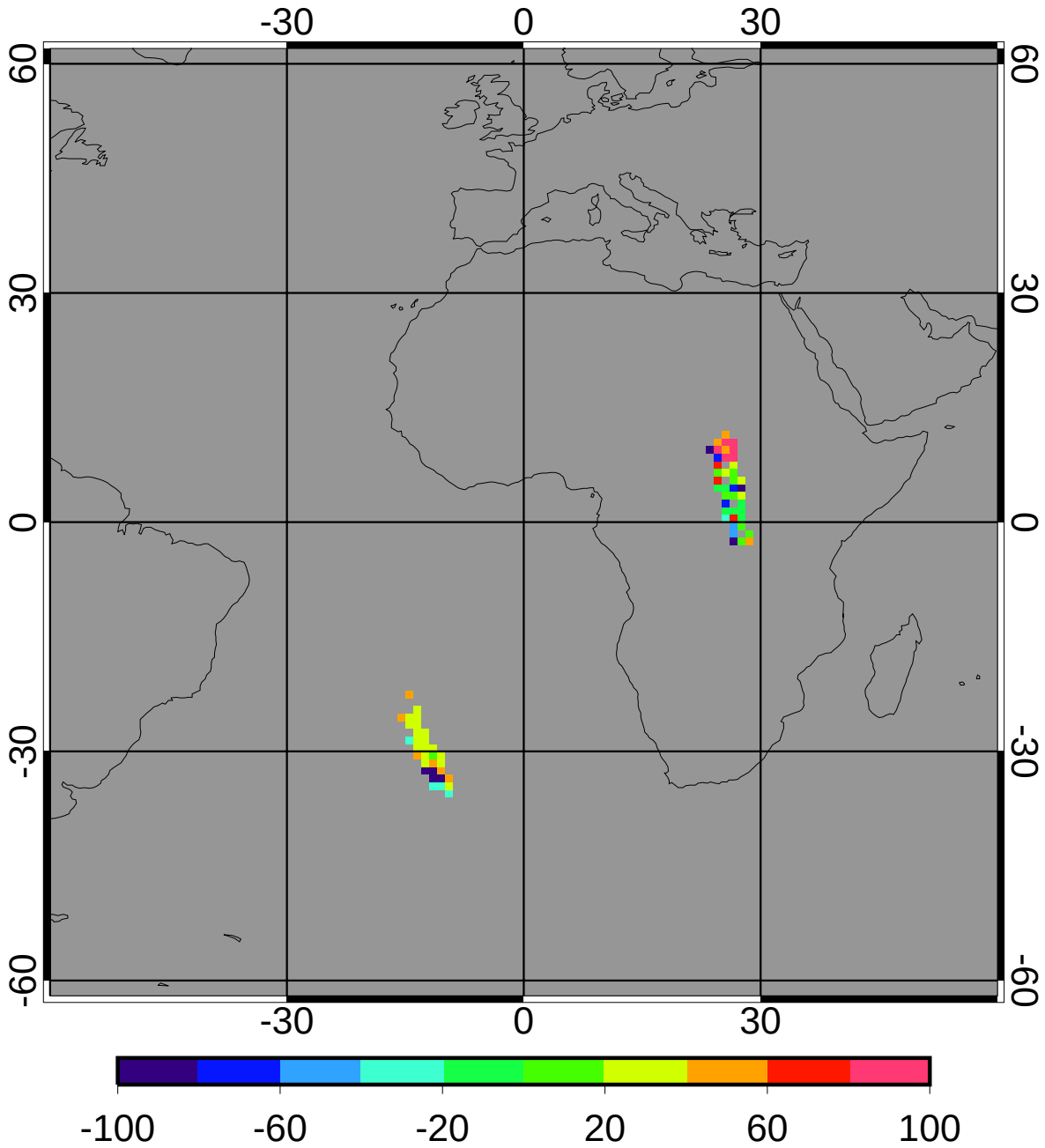
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



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

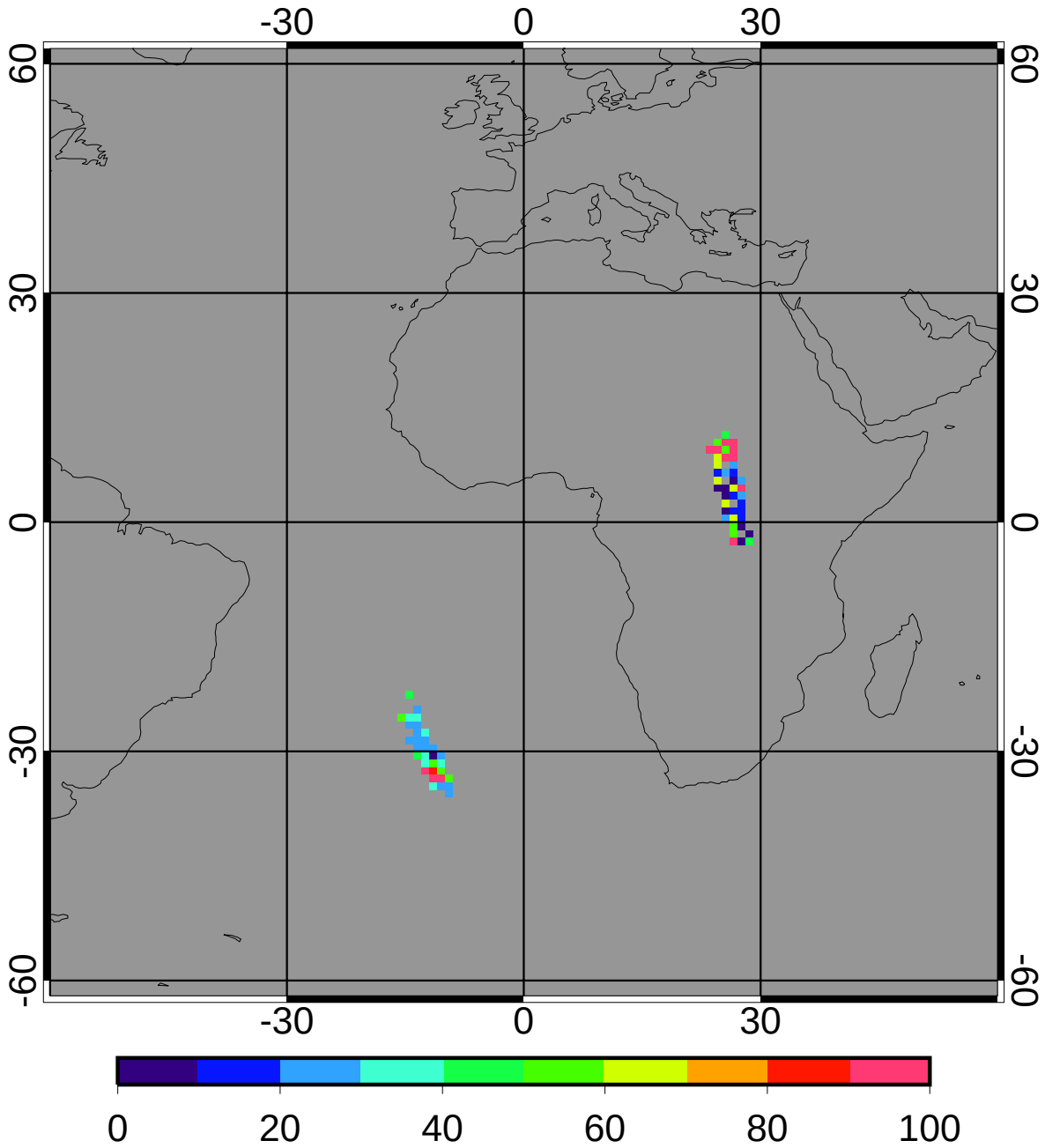
5ch_39cal Jul 2010 (matched angle)



bias	10.23	1.54%
domain sigma	59.56	8.96%

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

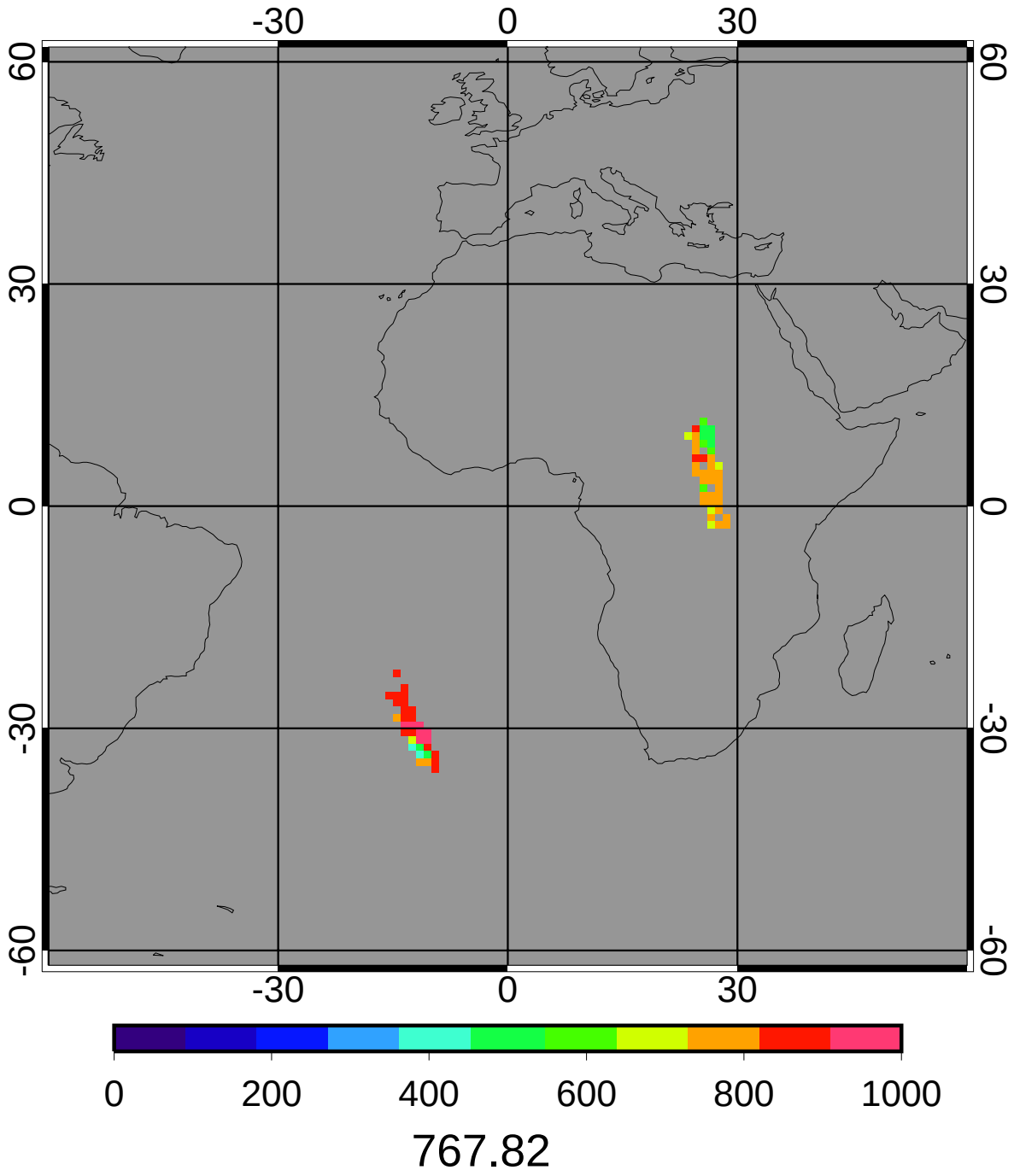
5ch_39cal Jul 2010 (matched angle)



regave rms	48.29	7.27%
domain rms	63.91	9.62%

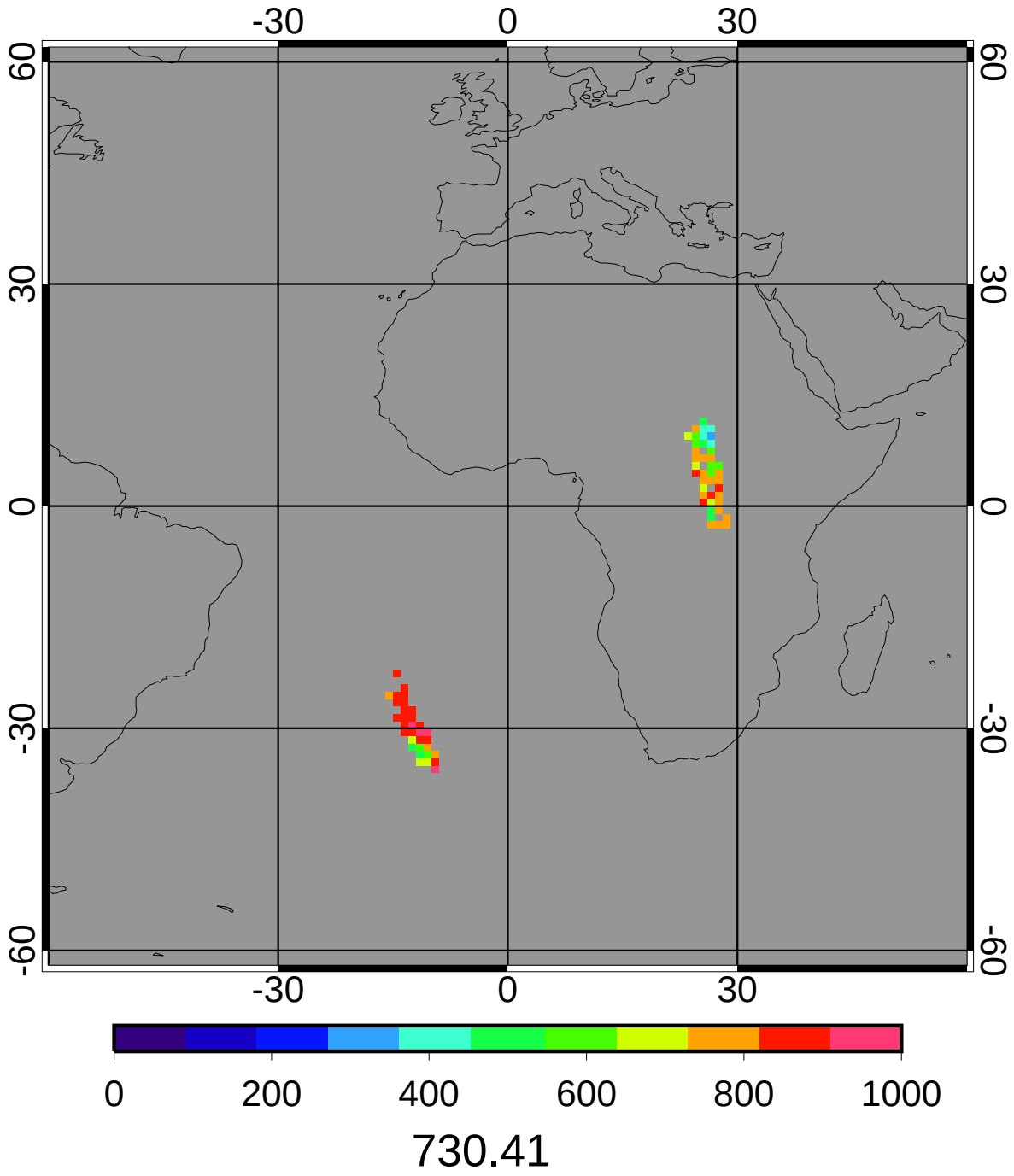
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



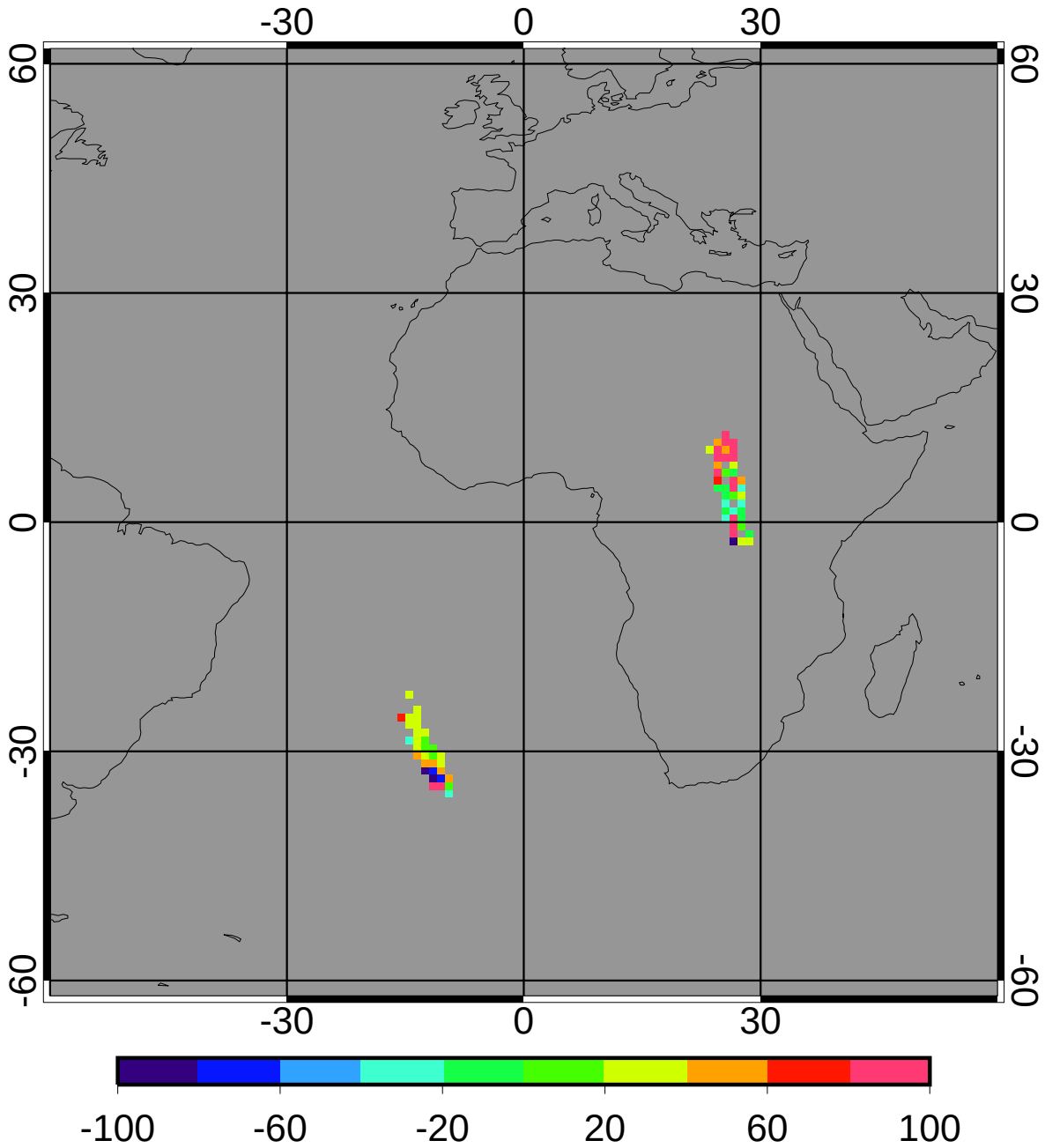
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



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

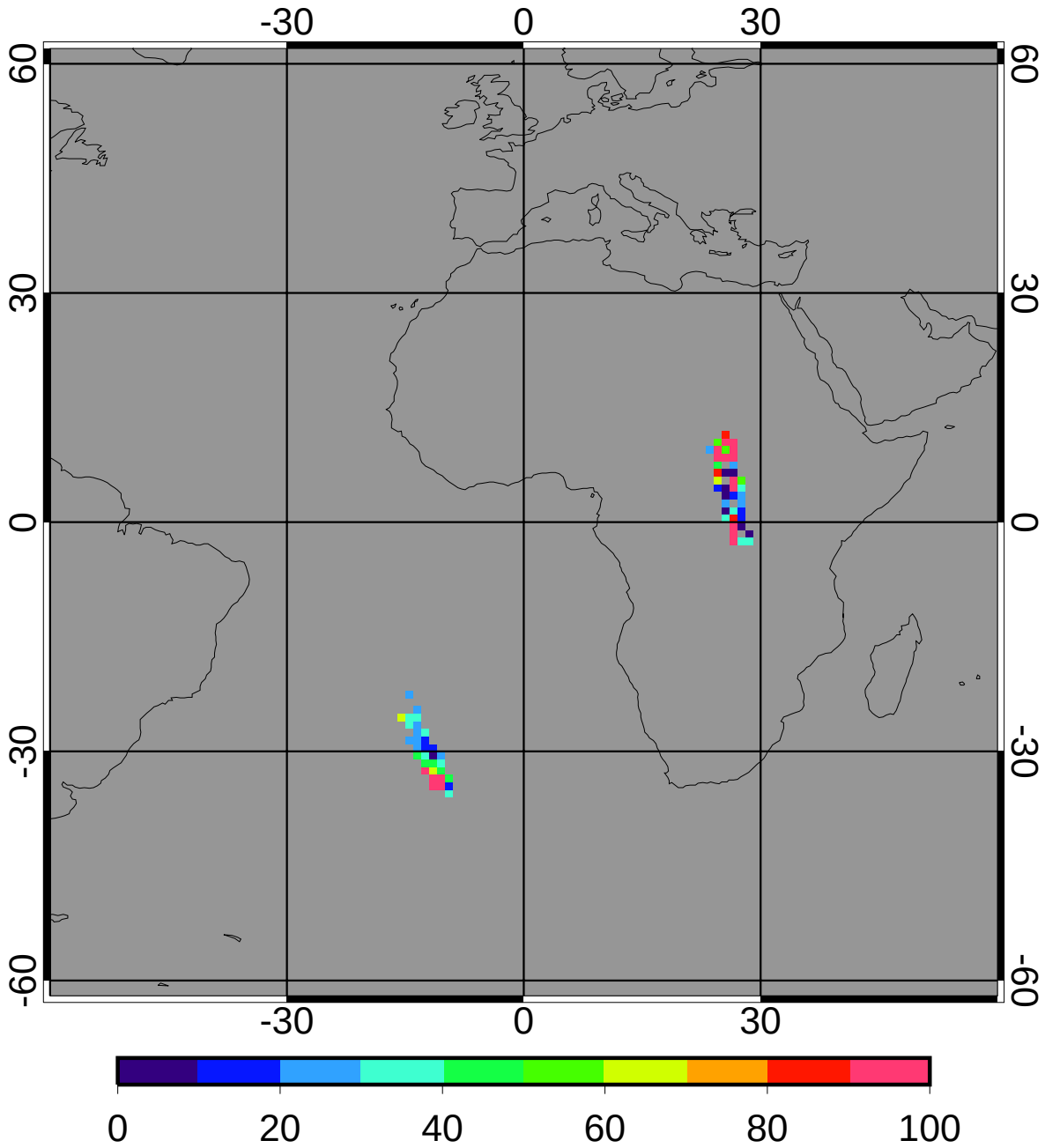
5ch_39cal Jul 2010 (matched angle)



bias	37.41	5.12%
domain sigma	64.76	8.87%

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

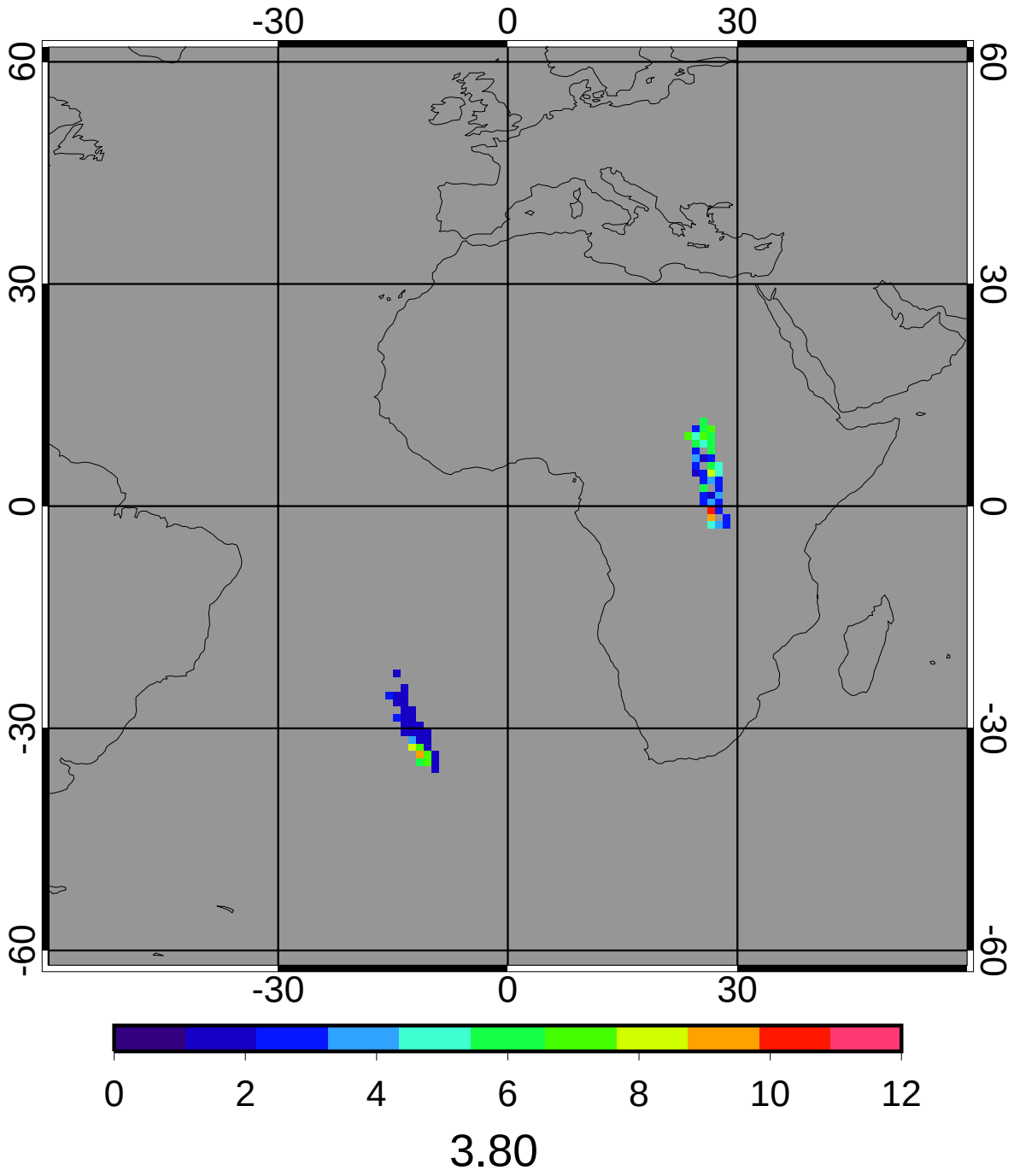
5ch_39cal Jul 2010 (matched angle)



regave rms	57.11	7.82%
domain rms	76.19	10.43%

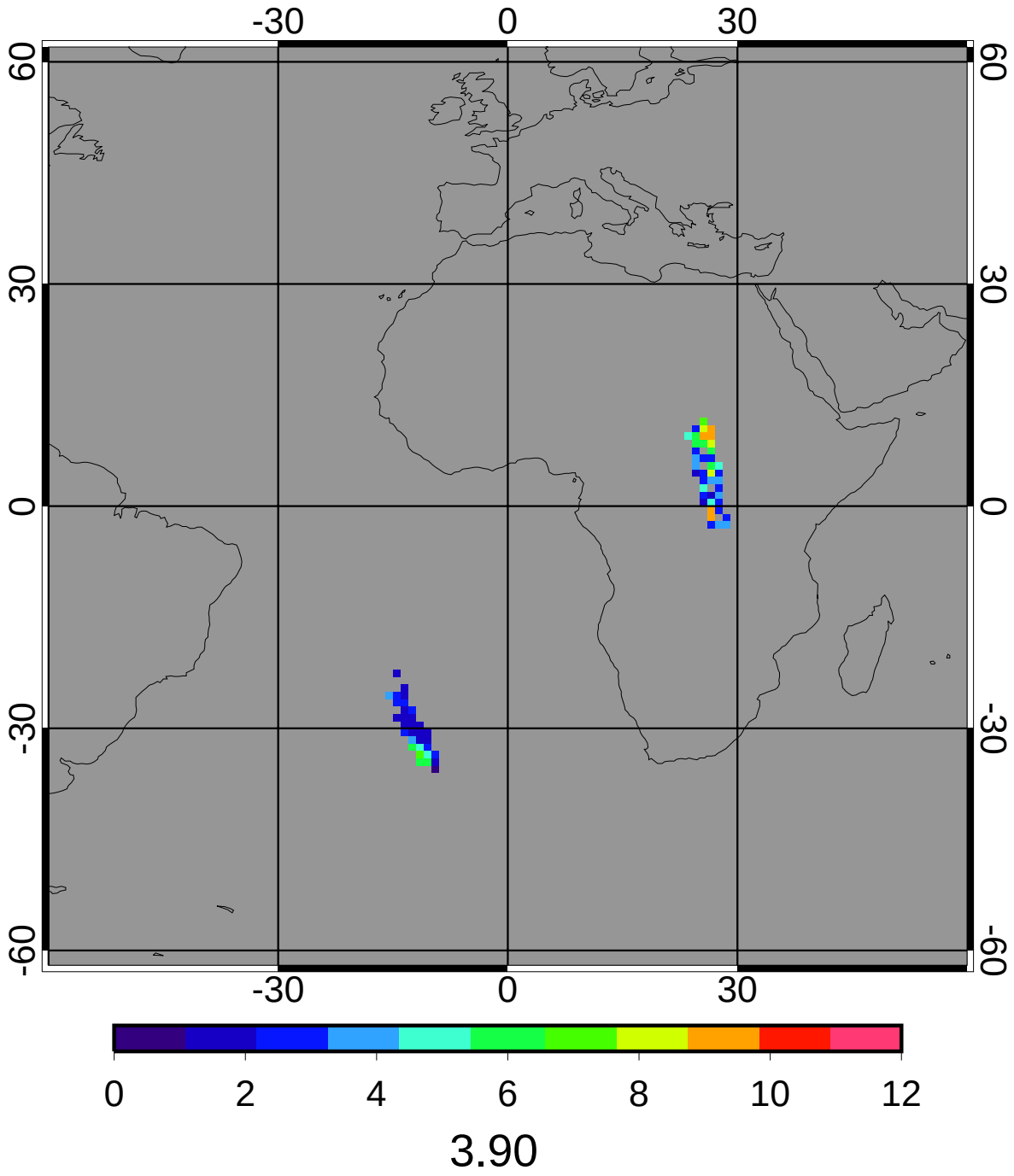
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_39cal Jul 2010 (matched angle)



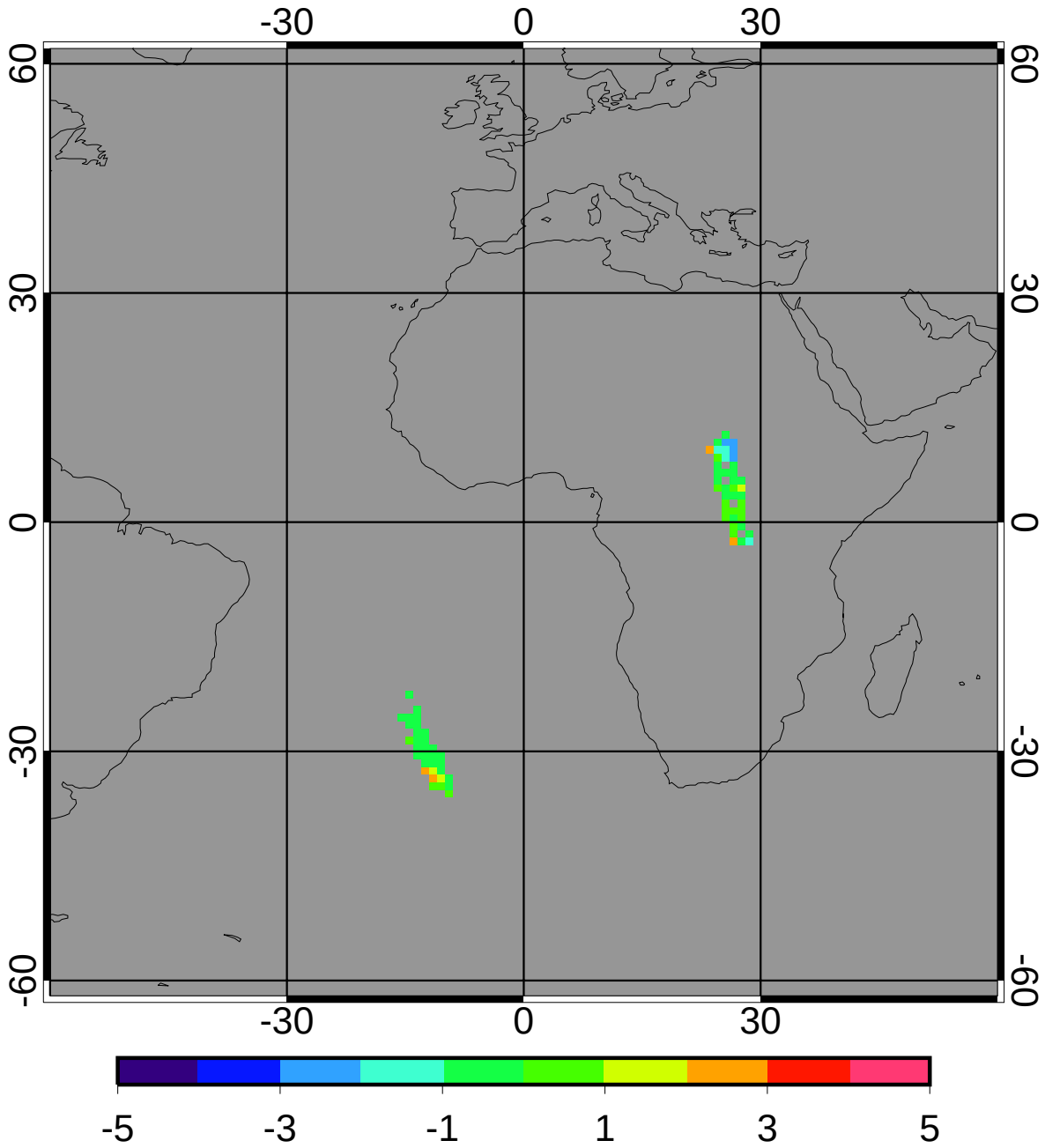
CERES/Aqua MEAN Daytime Cloud Eff Height (km)

5ch_39cal Jul 2010 (matched angle)



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

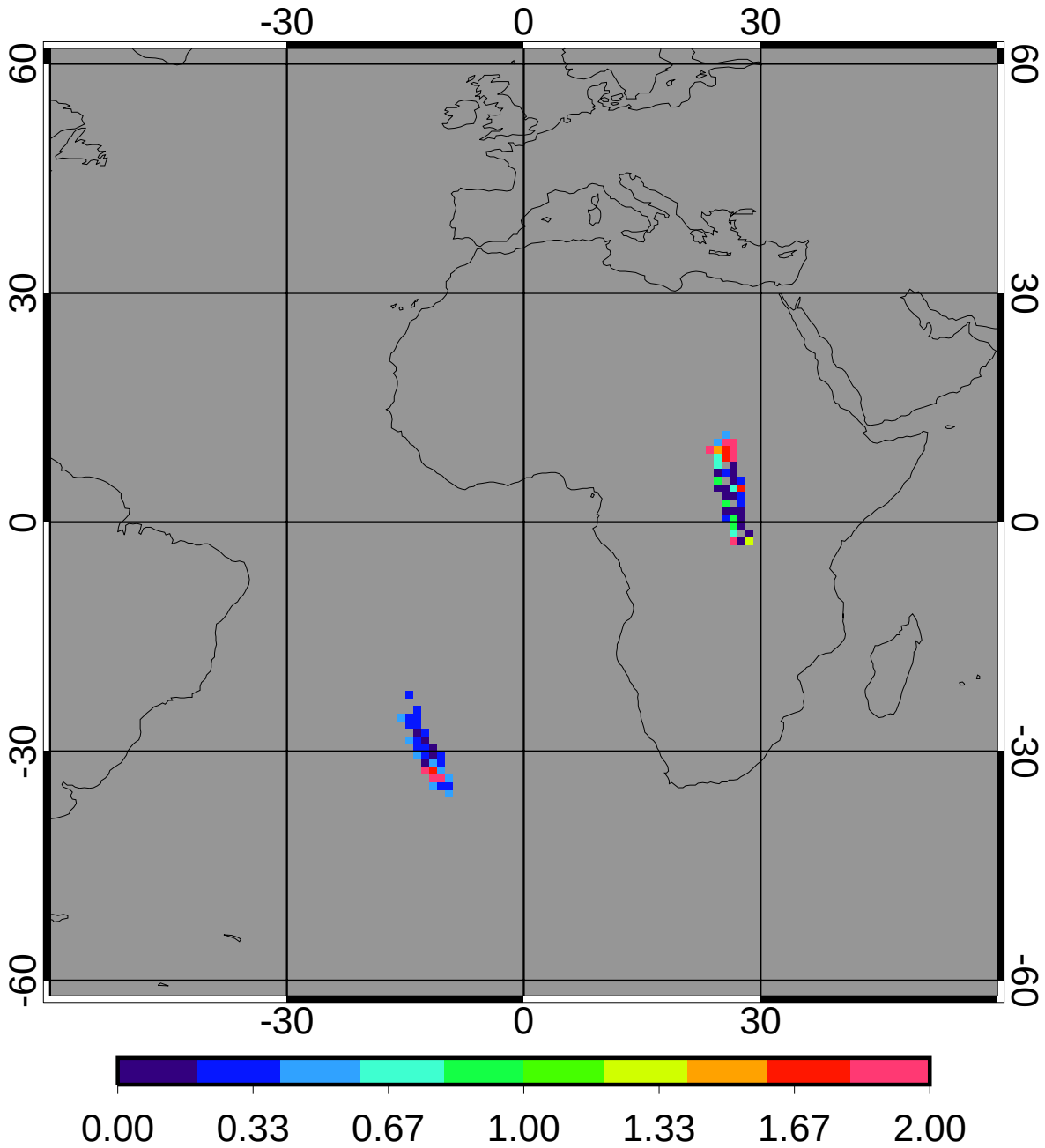
5ch_39cal Jul 2010 (matched angle)



bias	-0.10	-2.50%
domain sigma	0.96	24.66%

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

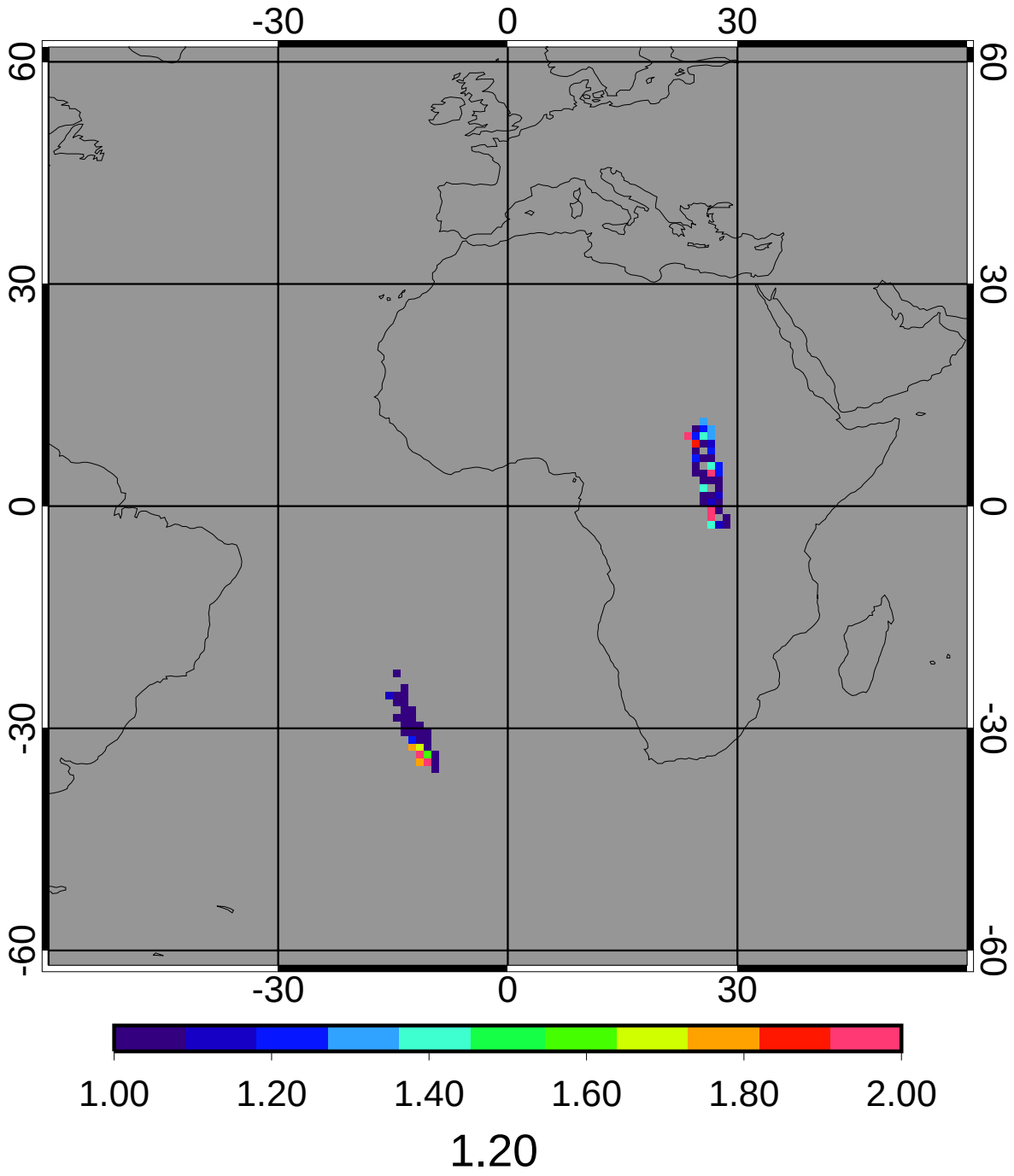
5ch_39cal Jul 2010 (matched angle)



regave rms	0.71	18.08%
domain rms	1.05	26.85%

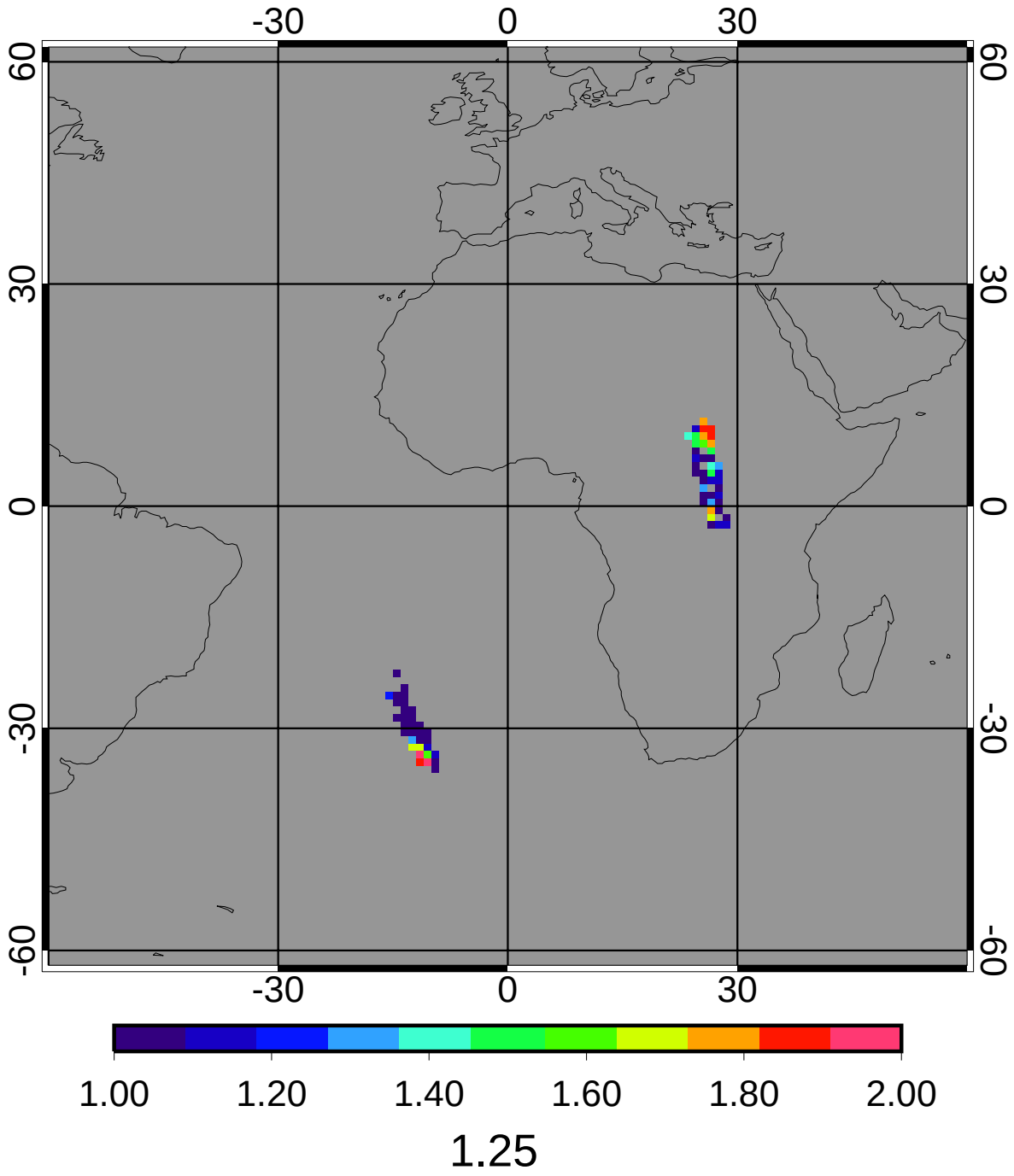
GGEO MEAN Daytime Cloud Phase

5ch_39cal Jul 2010 (matched angle)



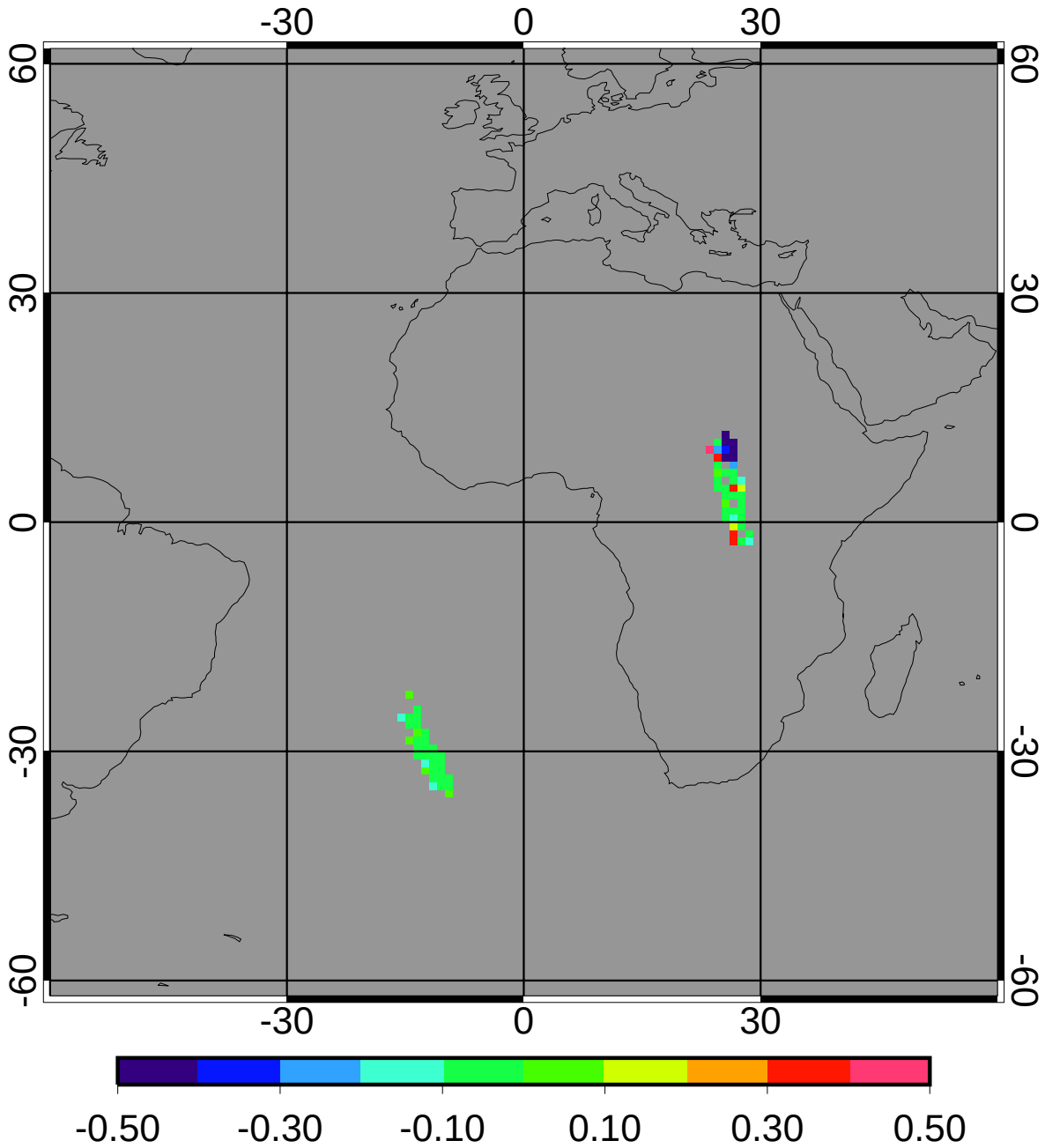
CERES/Aqua MEAN Daytime Cloud Phase

5ch_39cal Jul 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Phase Bias

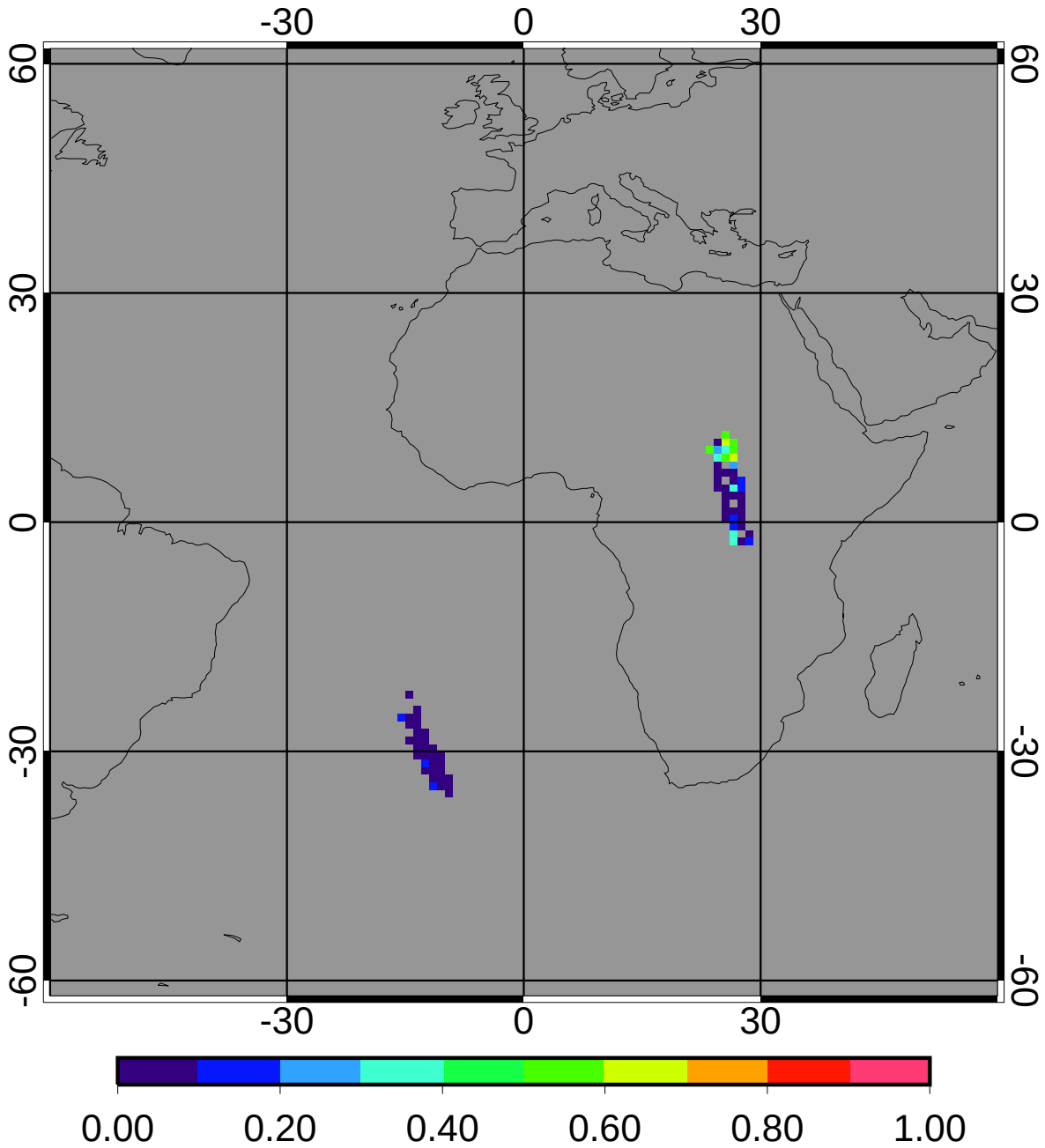
5ch_39cal Jul 2010 (matched angle)



bias	-0.05	-4.32%
domain sigma	0.20	15.87%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

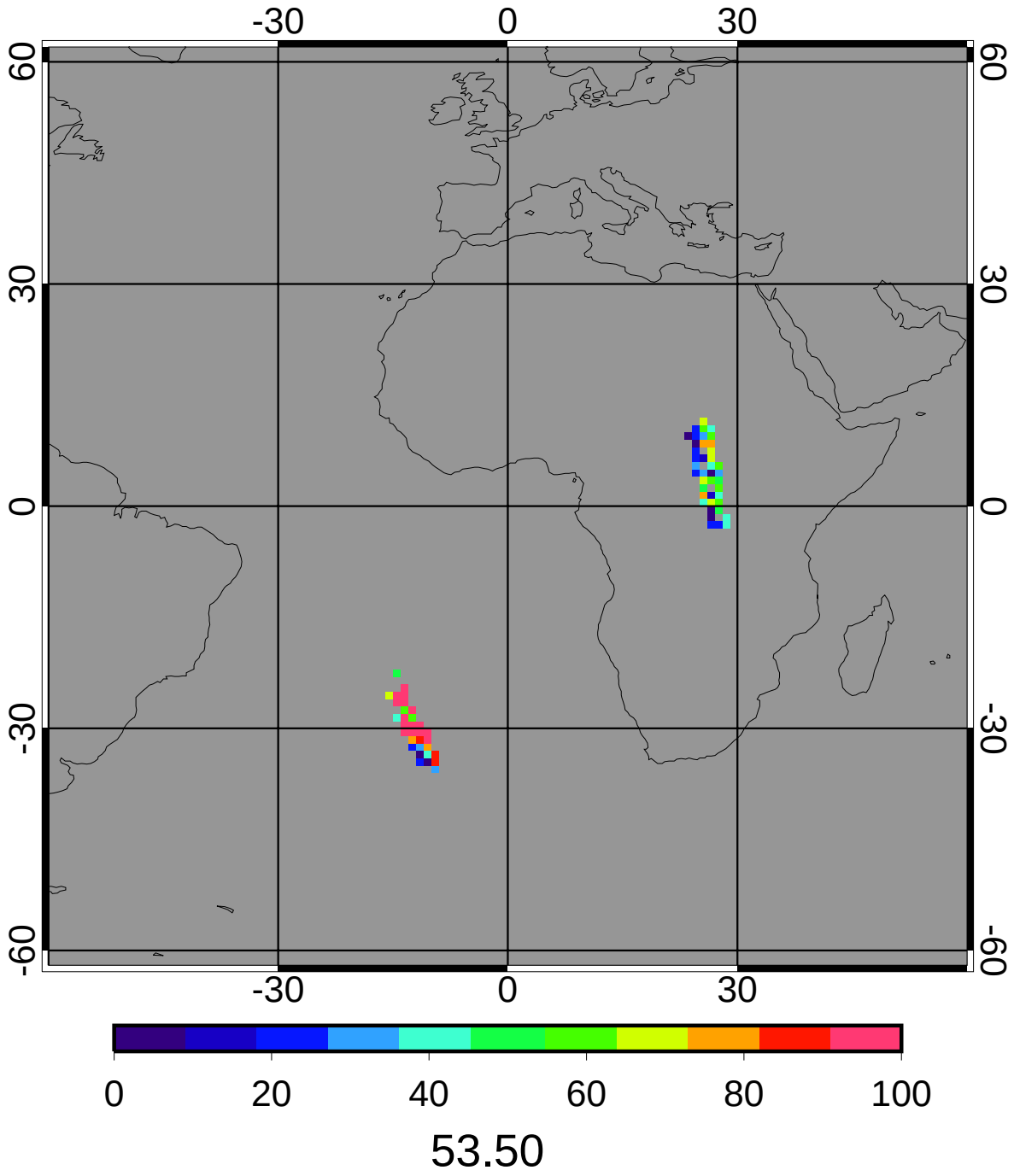
5ch_39cal Jul 2010 (matched angle)



regave rms	0.12	9.78%
domain rms	0.21	16.40%

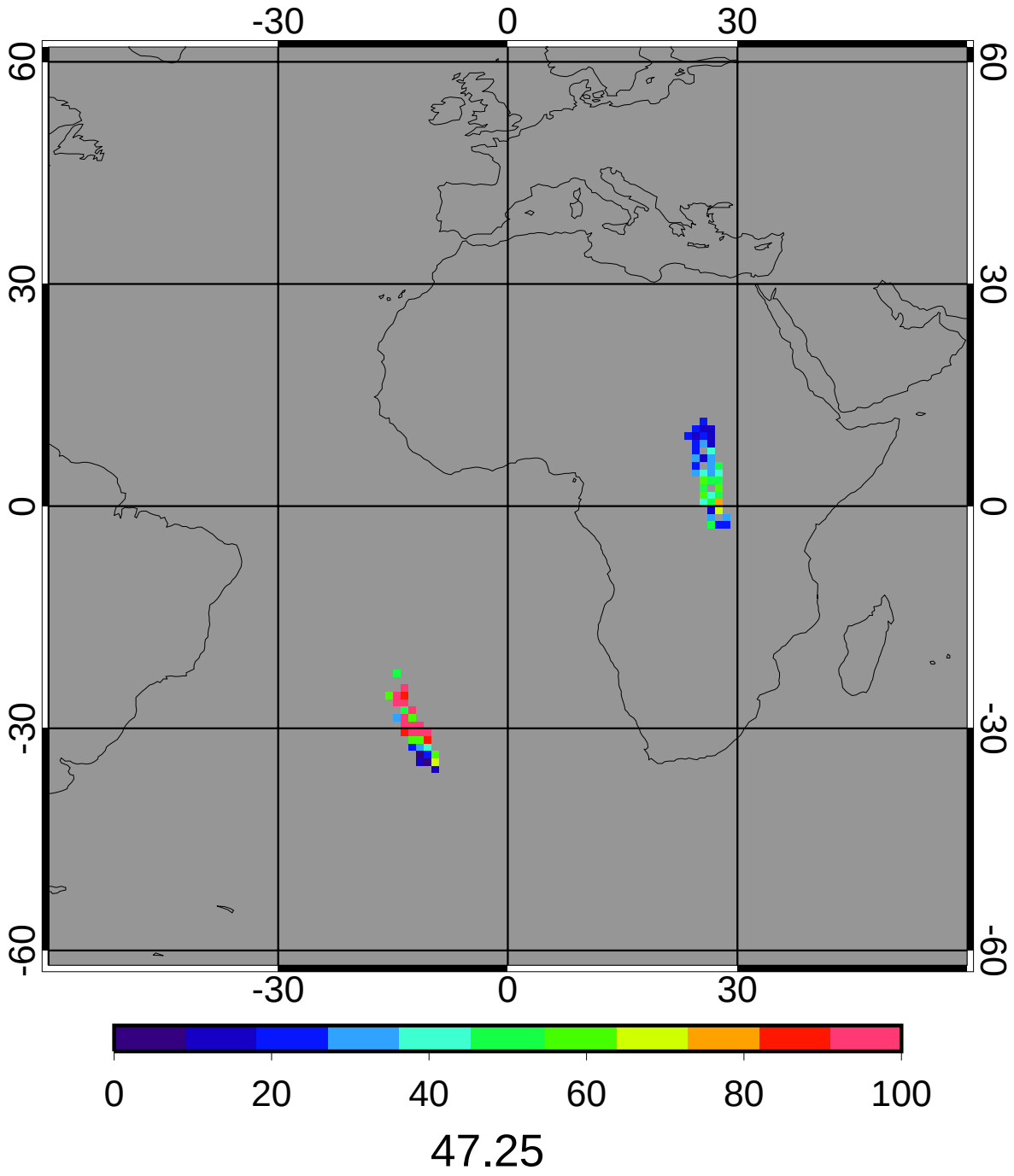
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Jul 2010 (matched angle)



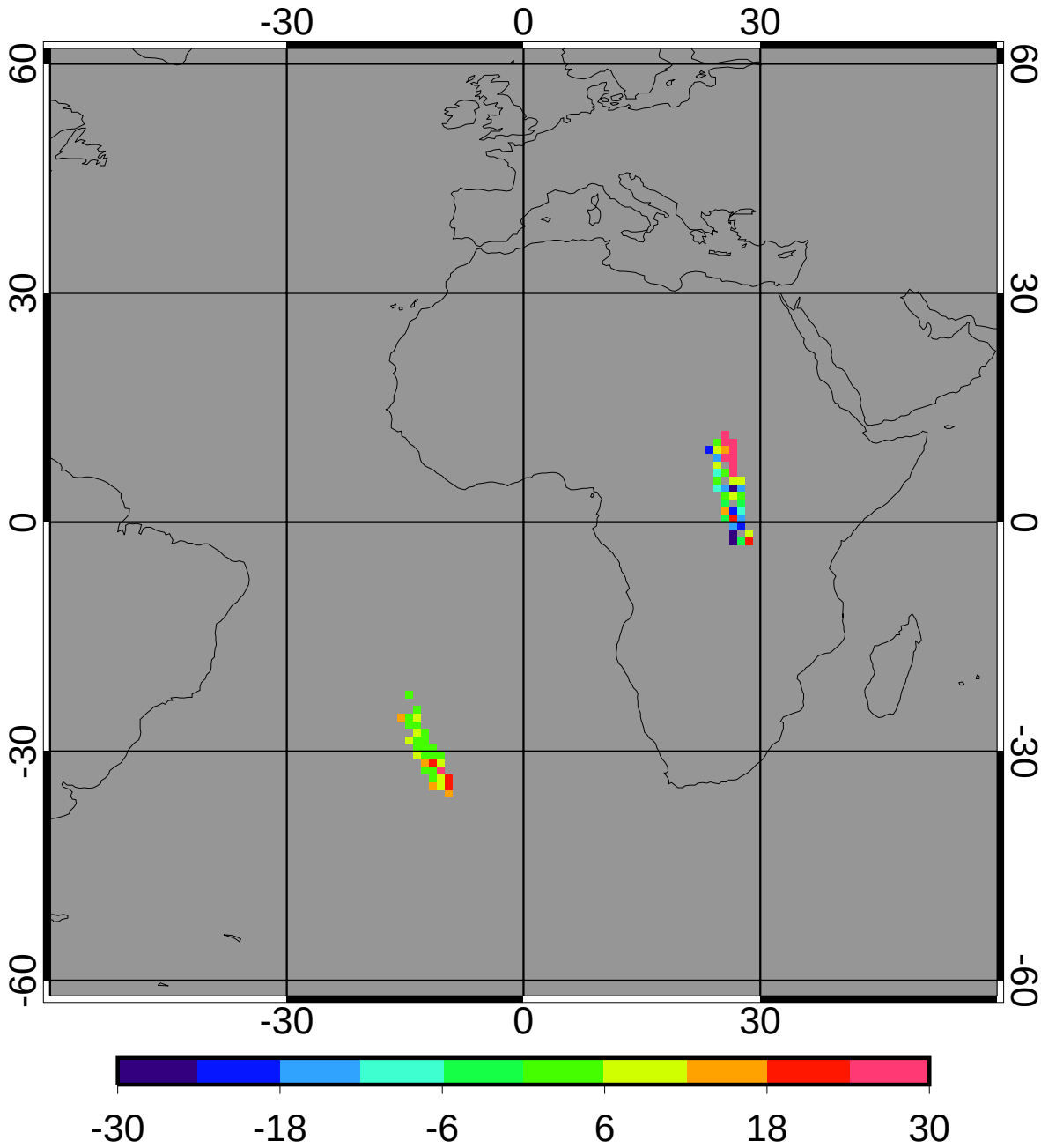
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Jul 2010 (matched angle)



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

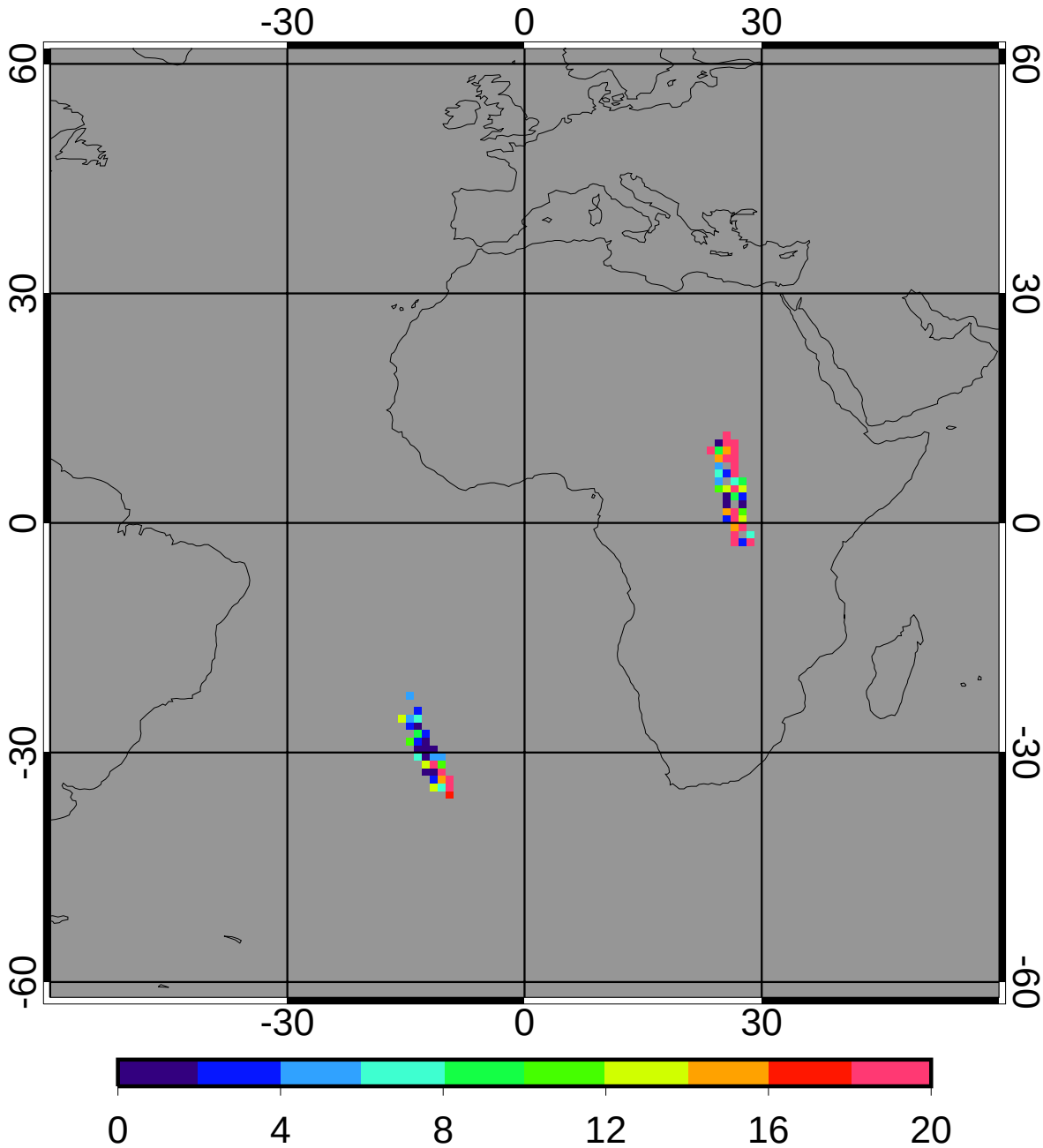
5ch_39cal Jul 2010 (matched angle)



bias	6.26	13.24%
domain sigma	17.74	37.55%

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

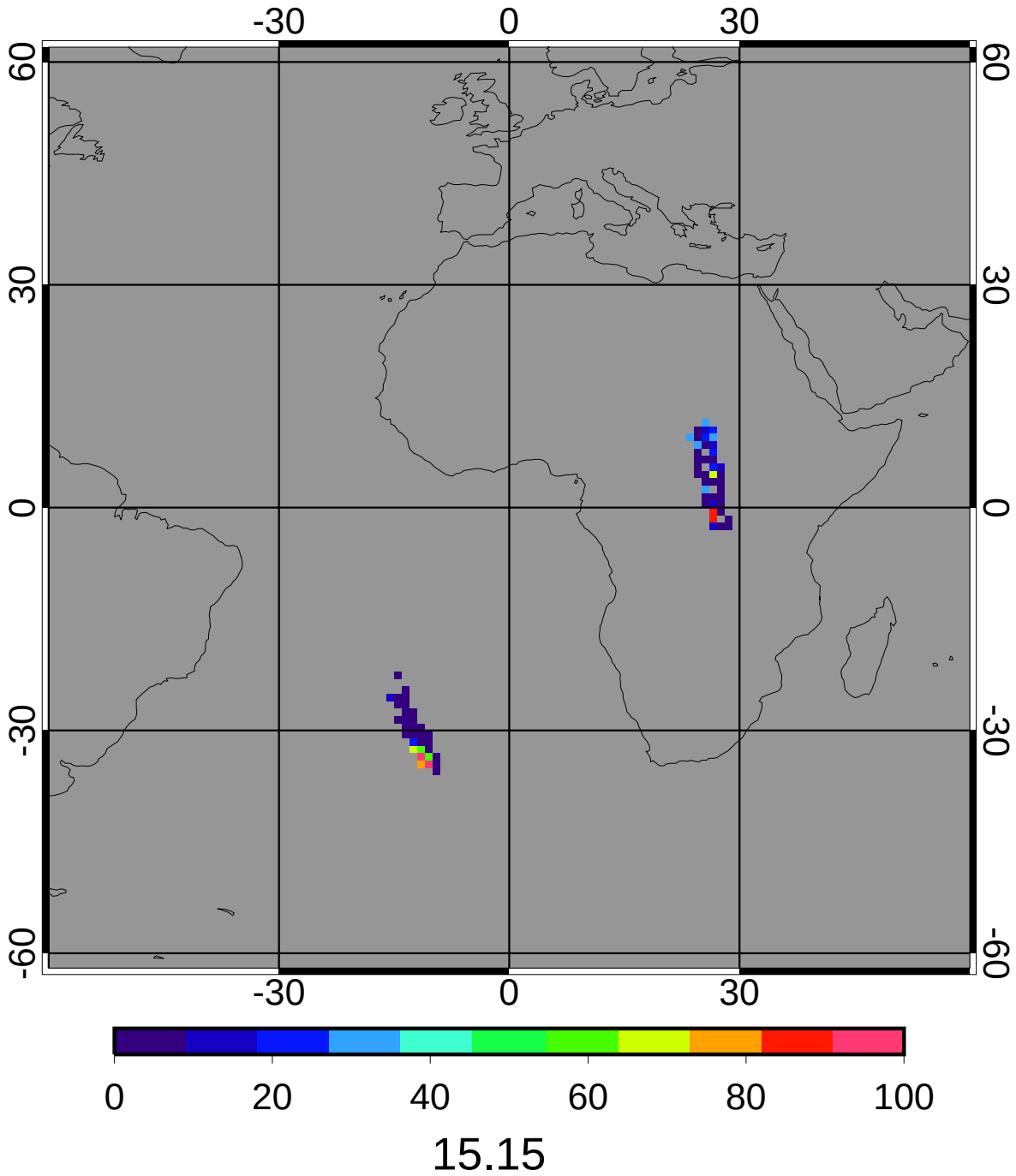
5ch_39cal Jul 2010 (matched angle)



regave rms	13.82	29.26%
domain rms	18.95	40.10%

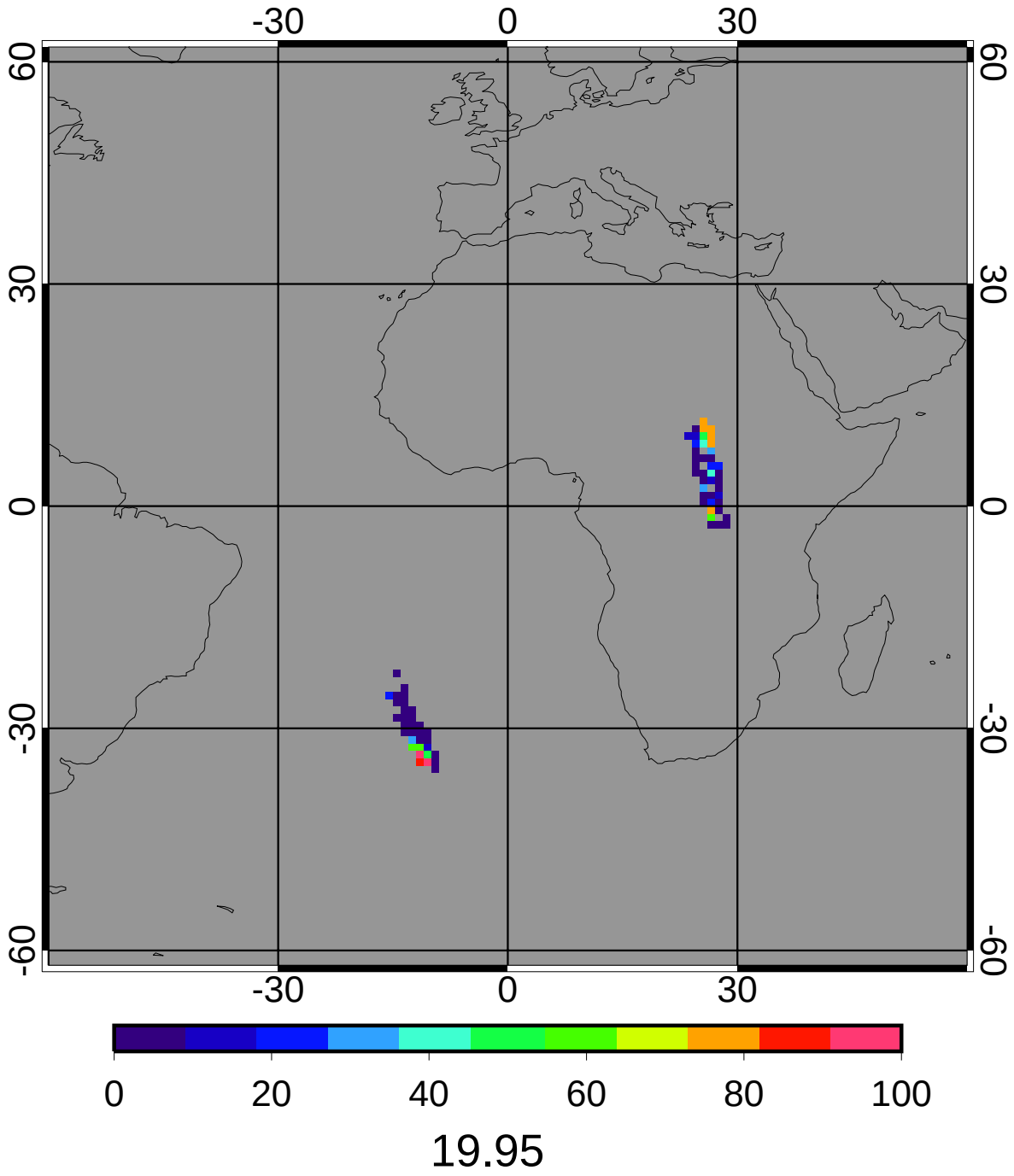
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_39cal Jul 2010 (matched angle)



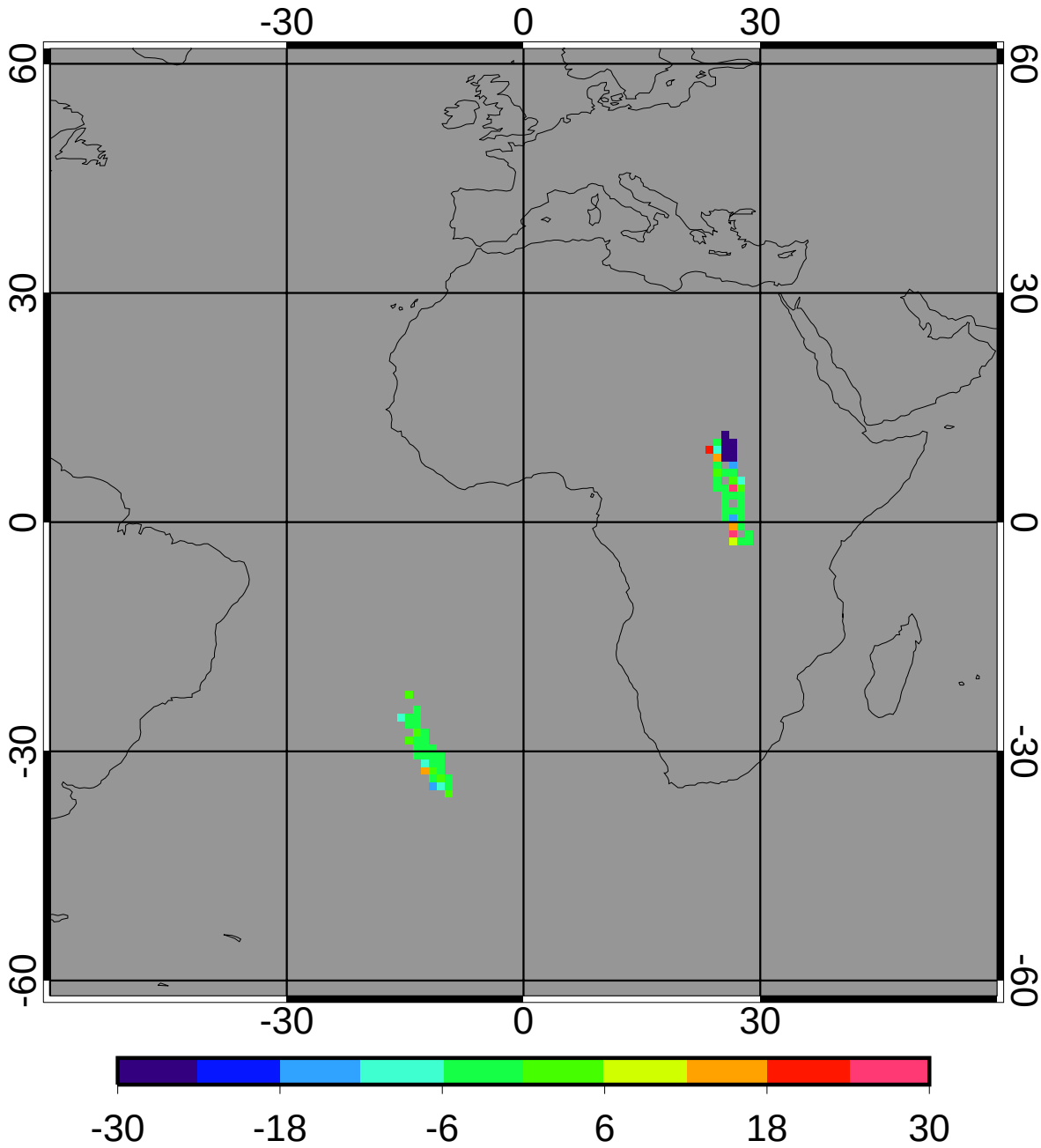
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch_39cal Jul 2010 (matched angle)



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

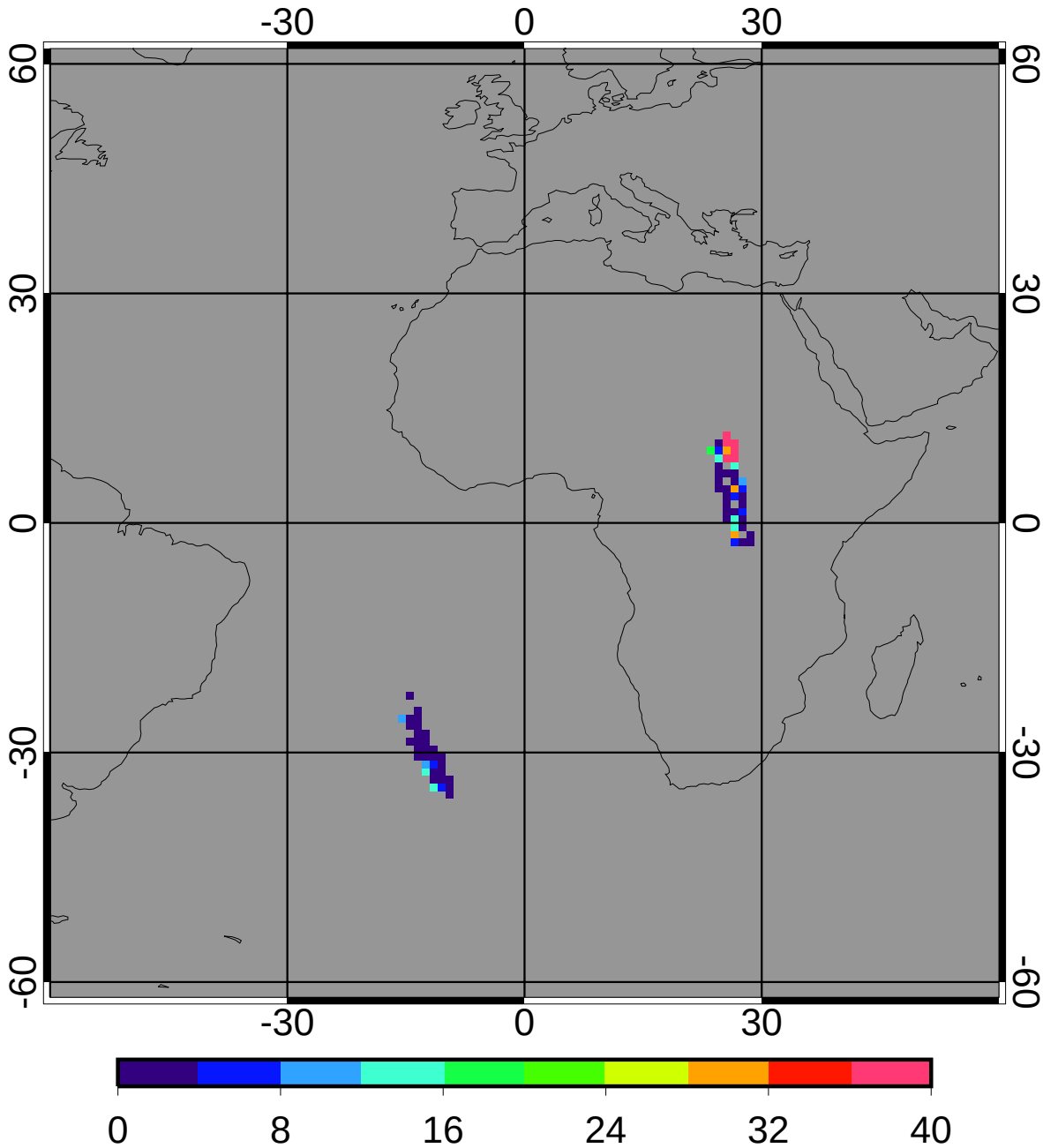
5ch_39cal Jul 2010 (matched angle)



bias	-4.81	-24.09%
domain sigma	16.43	82.34%

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

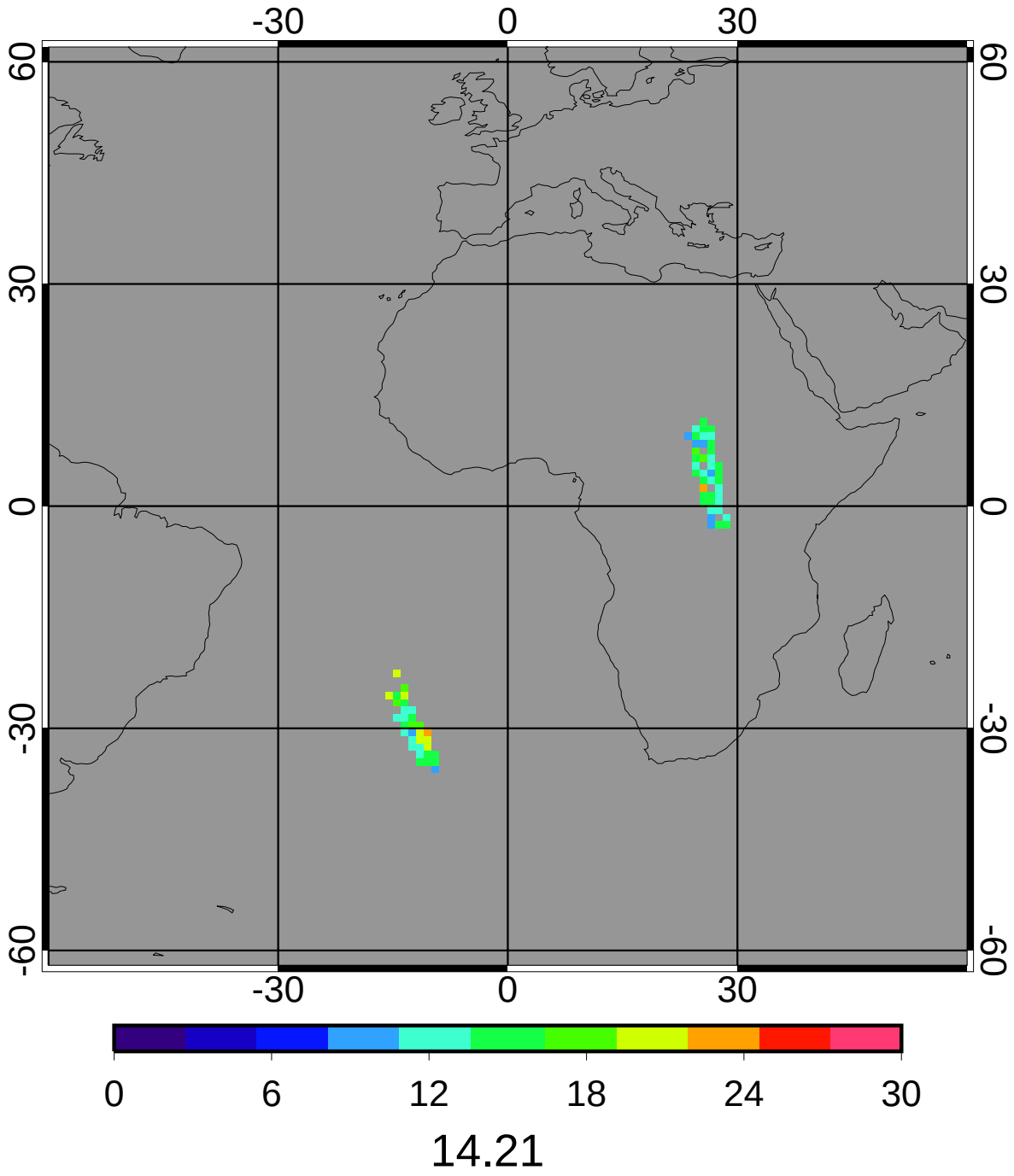
5ch_39cal Jul 2010 (matched angle)



regave rms	9.07	45.48%
domain rms	17.07	85.56%

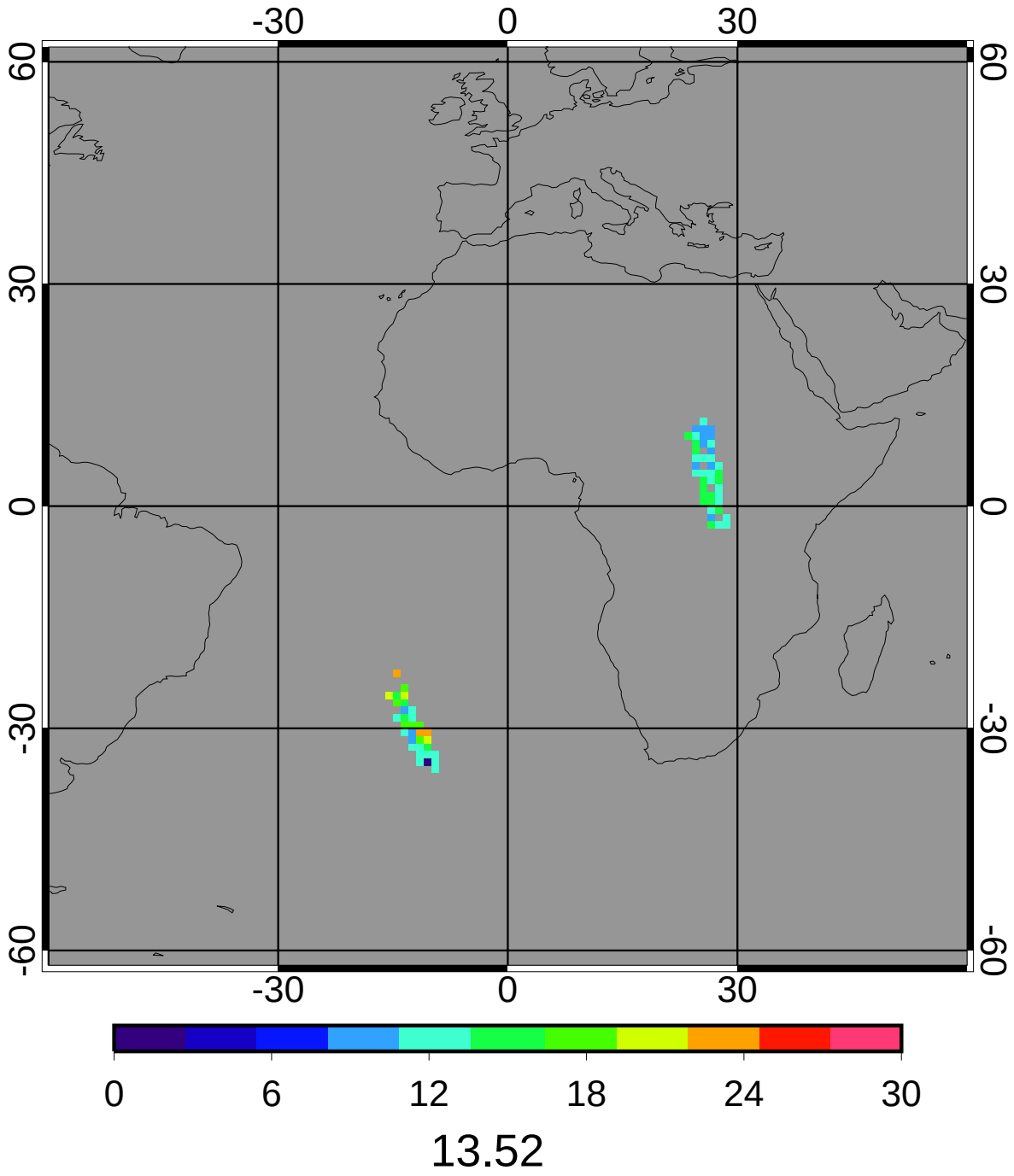
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Jul 2010 (matched angle)



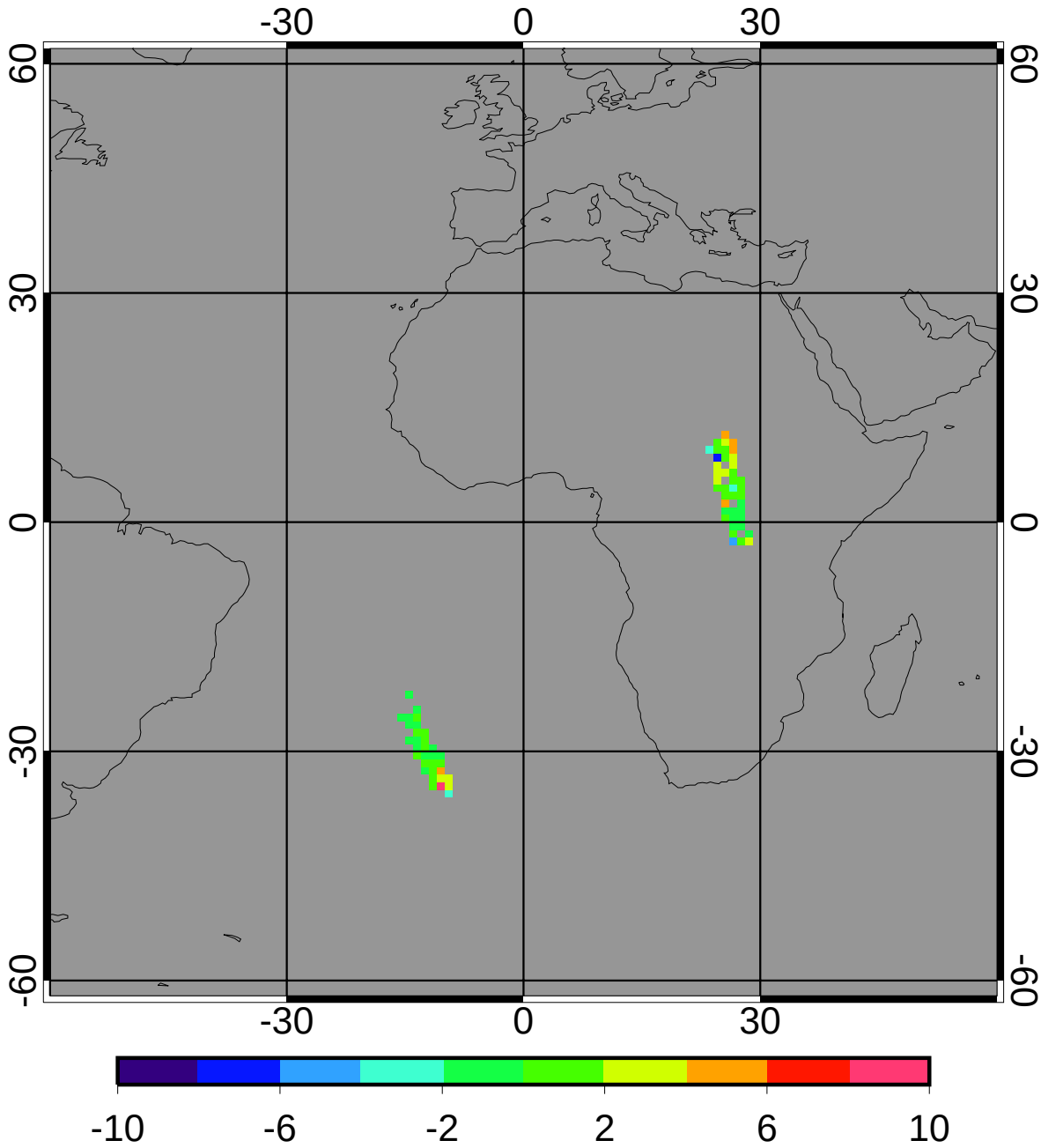
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Jul 2010 (matched angle)



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

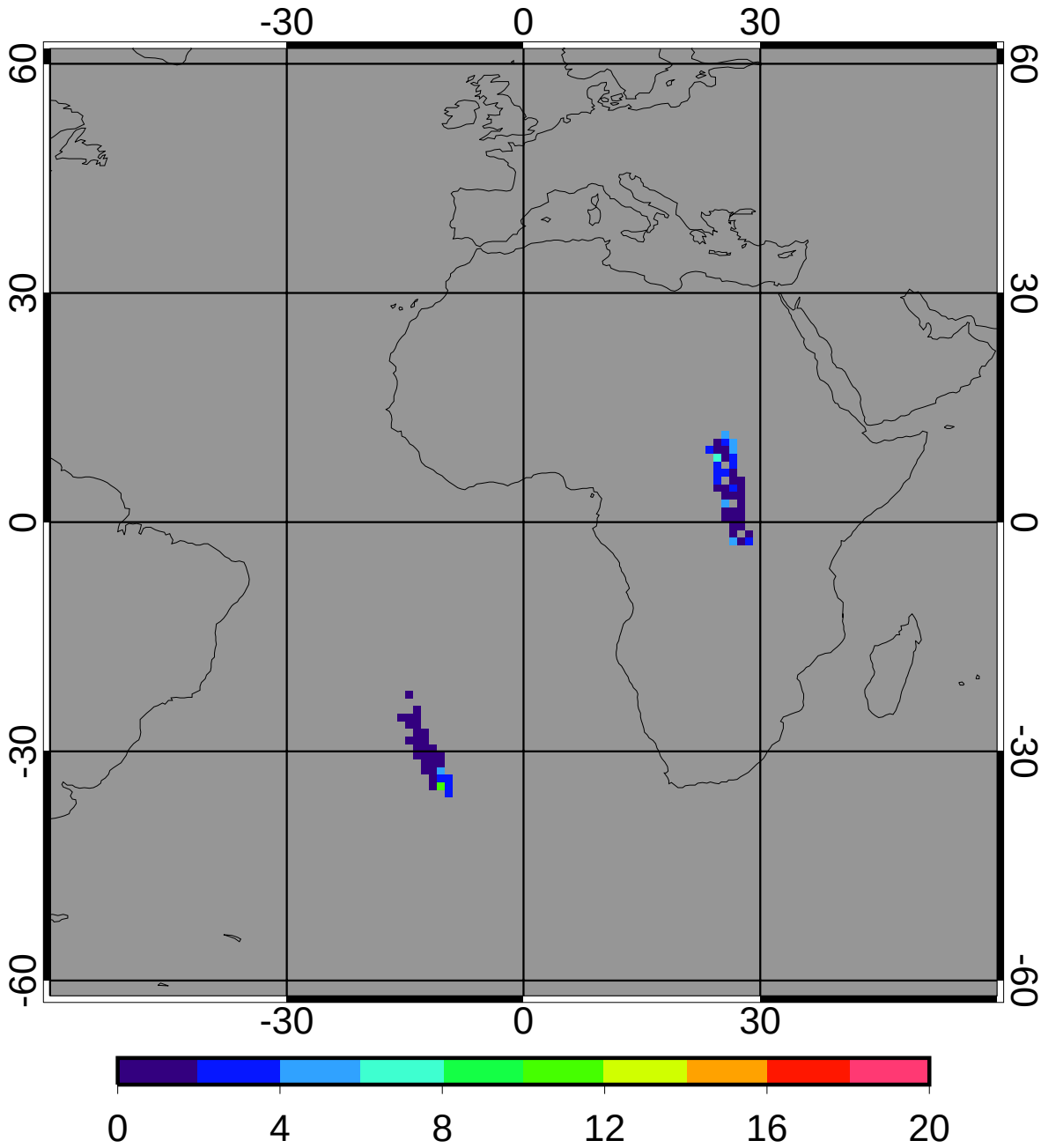
5ch_39cal Jul 2010 (matched angle)



bias	0.69	5.10%
domain sigma	2.40	17.78%

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

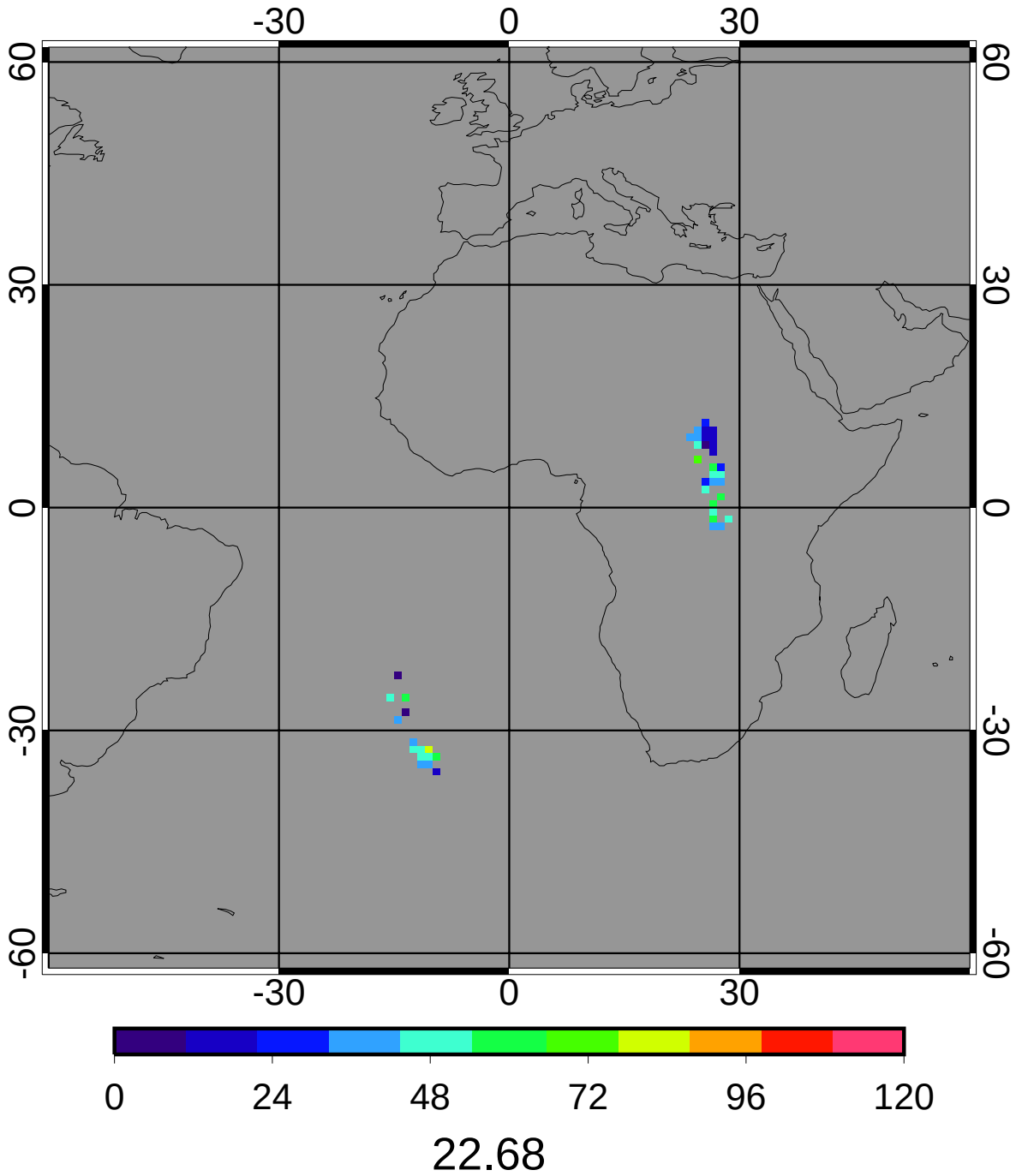
5ch_39cal Jul 2010 (matched angle)



regave rms	1.84	13.59%
domain rms	2.59	19.18%

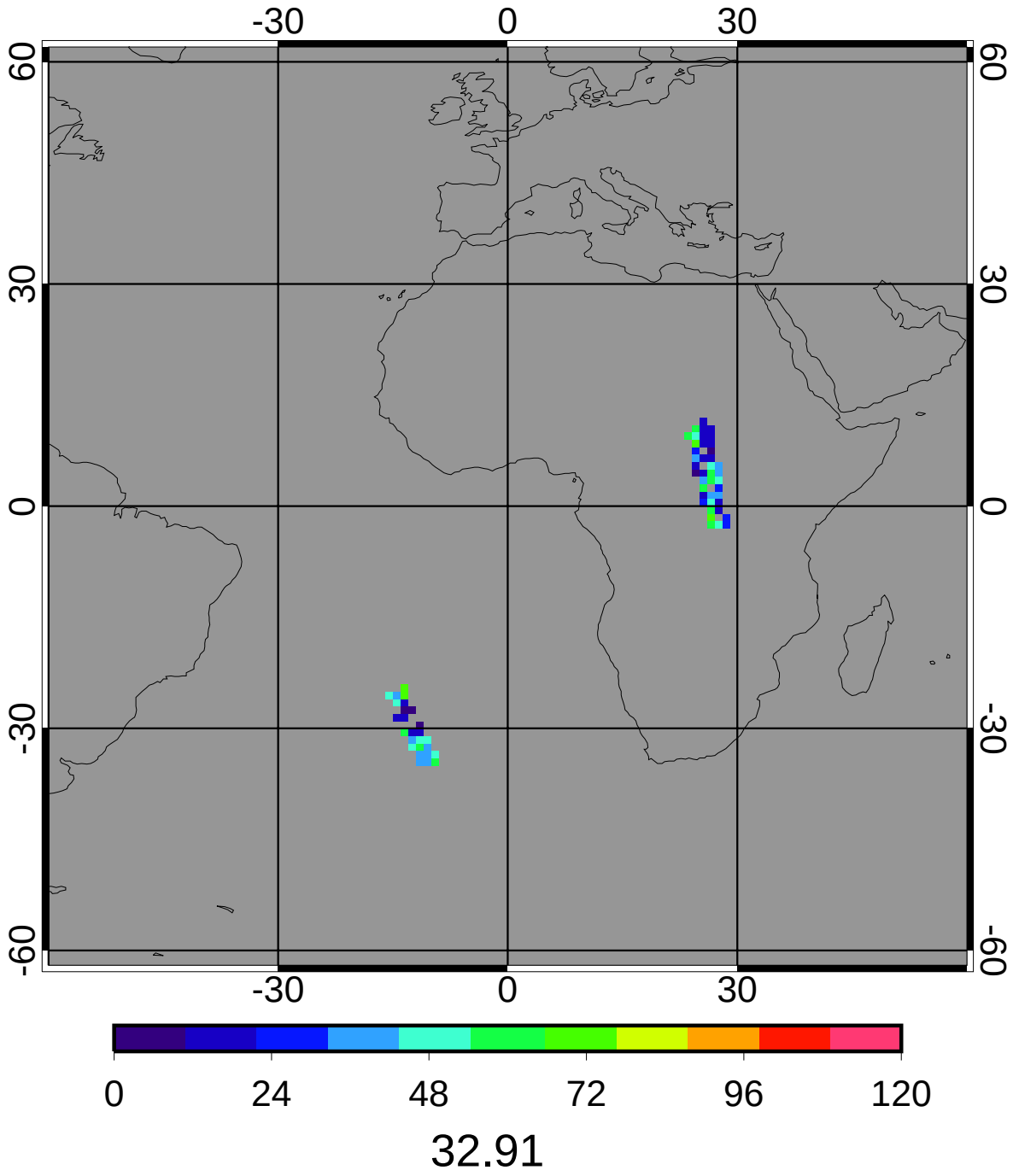
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_39cal Jul 2010 (matched angle)



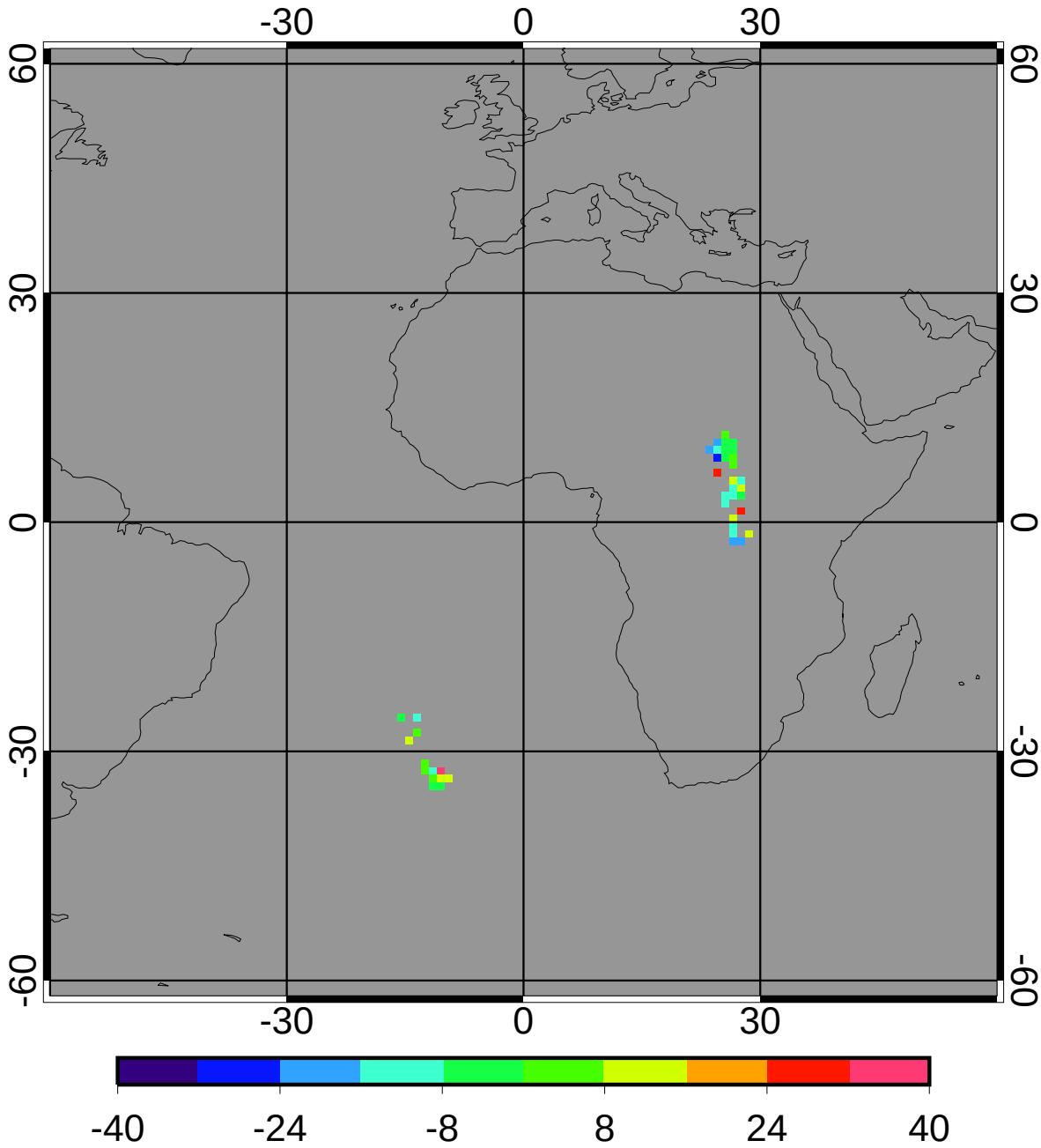
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch_39cal Jul 2010 (matched angle)



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

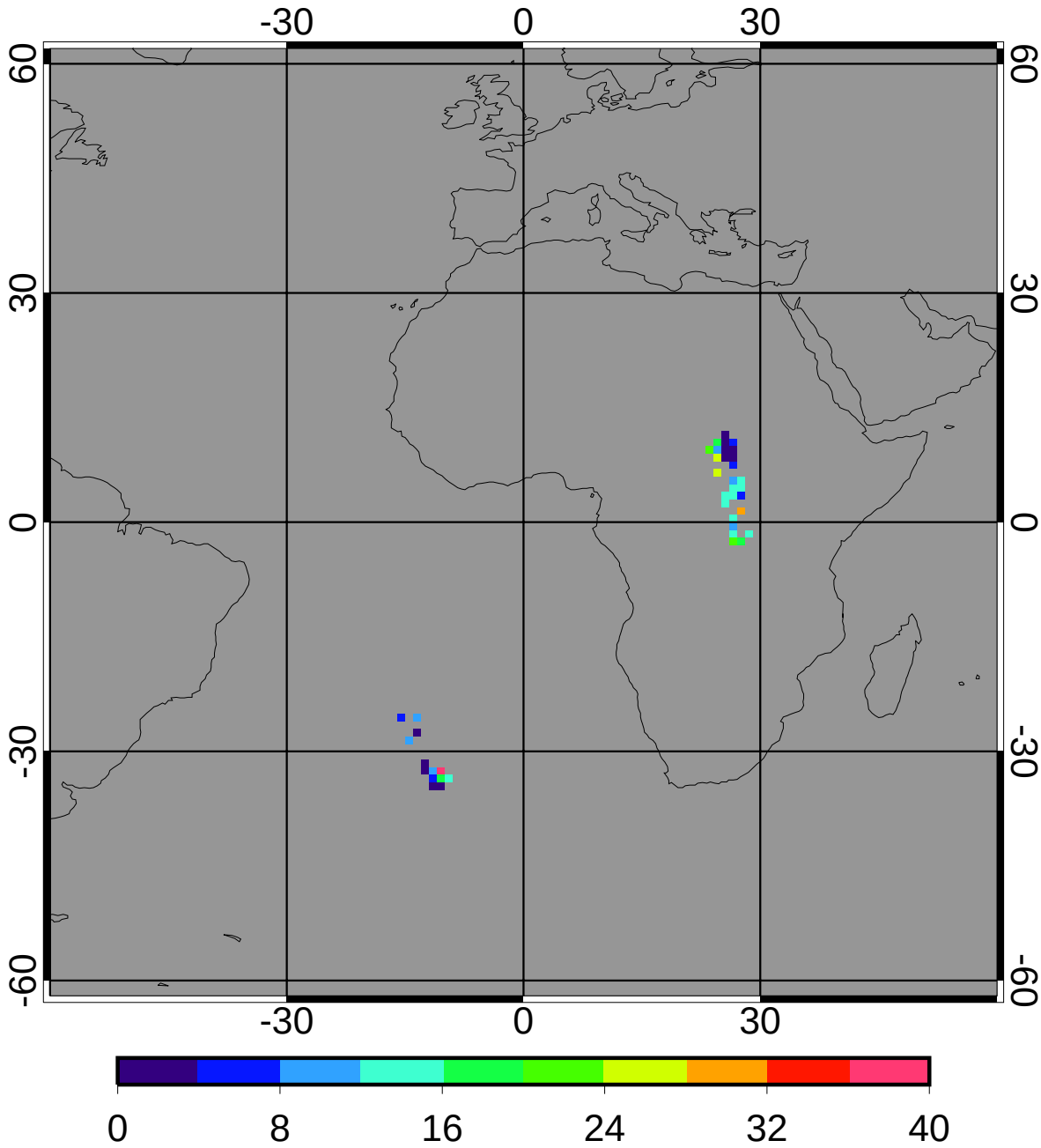
5ch_39cal Jul 2010 (matched angle)



bias	-0.97	-2.96%
domain sigma	13.77	41.83%

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

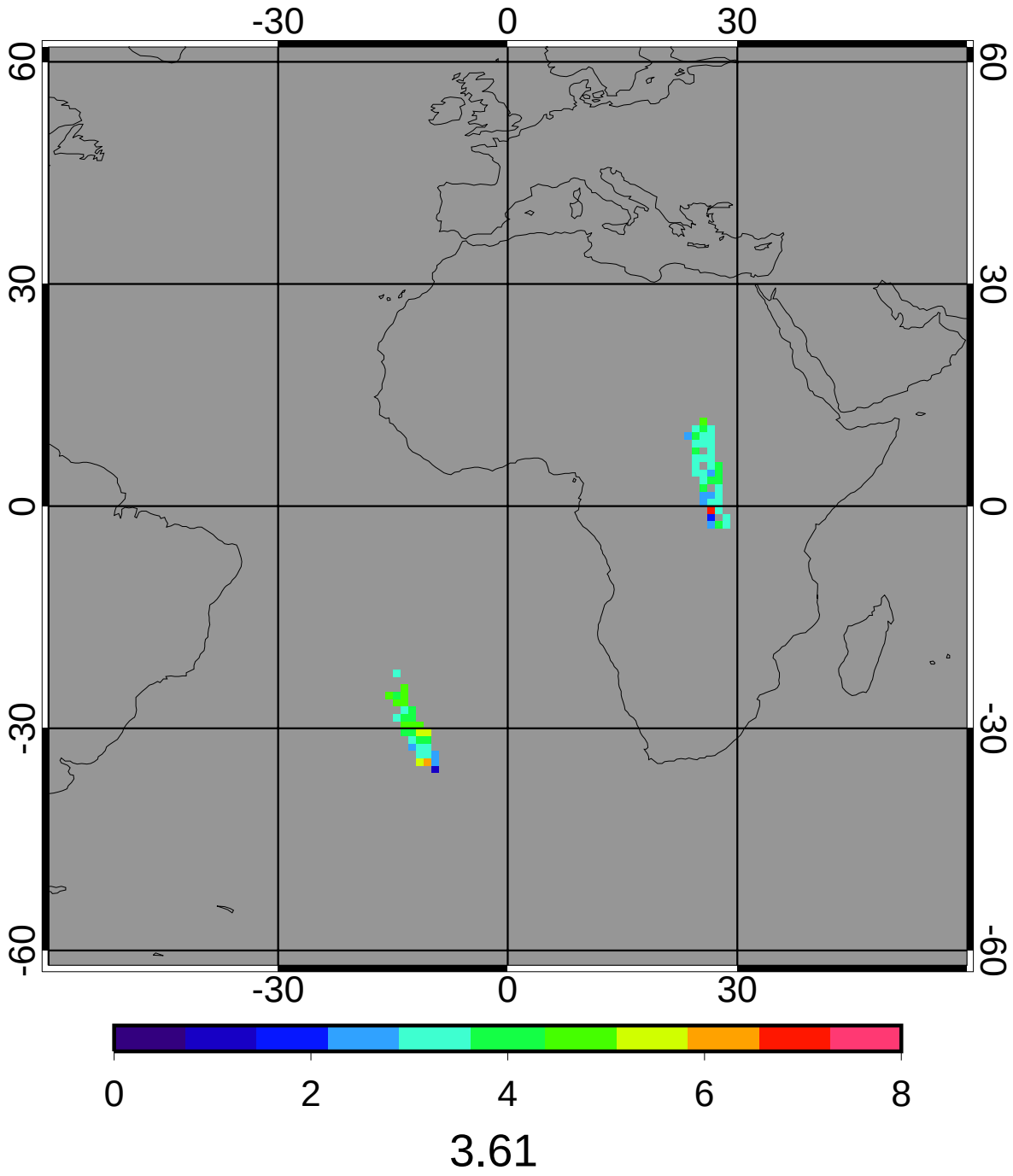
5ch_39cal Jul 2010 (matched angle)



regave rms	6.59	20.03%
domain rms	14.36	43.64%

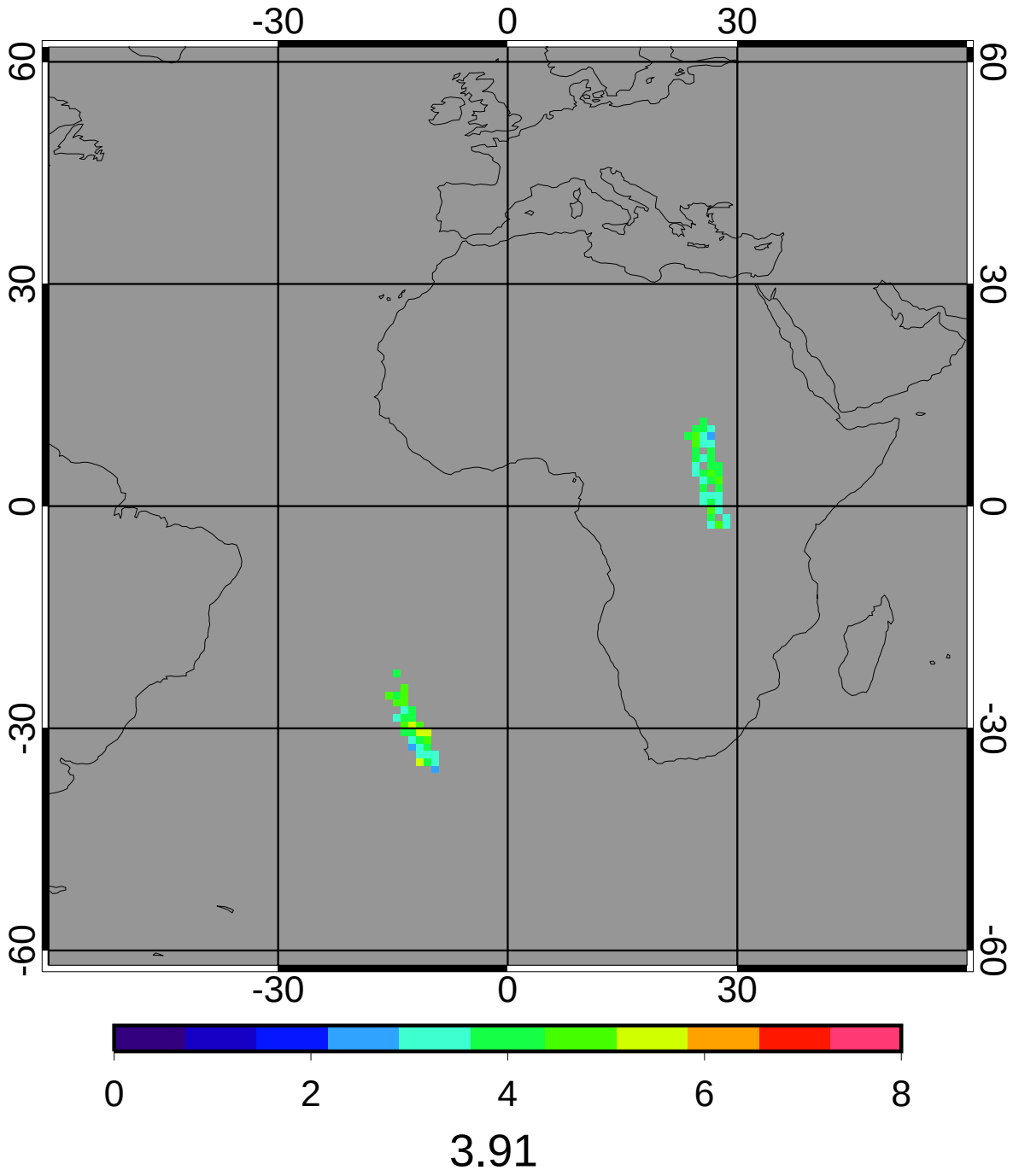
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Jul 2010 (matched angle)



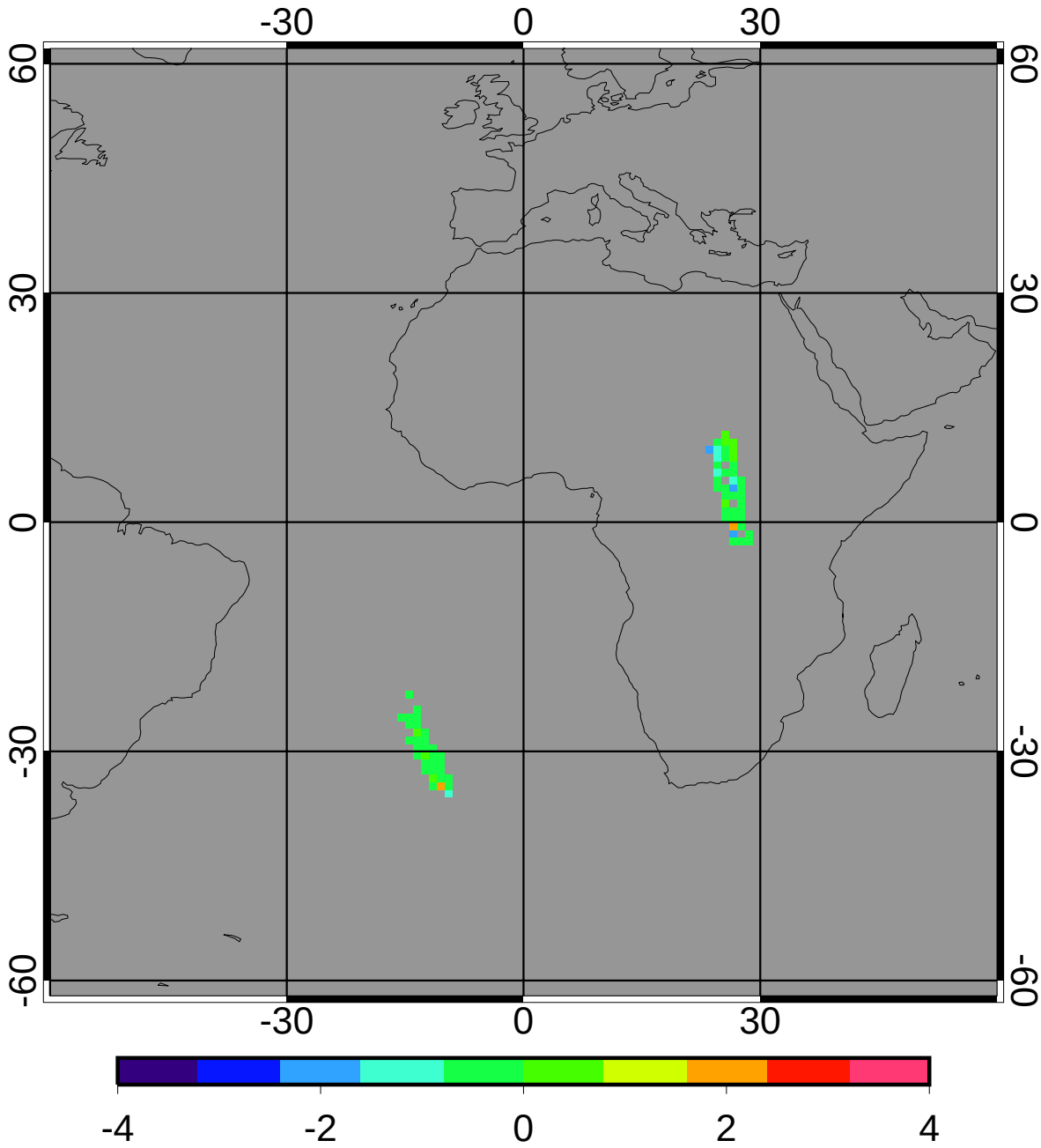
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Jul 2010 (matched angle)



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

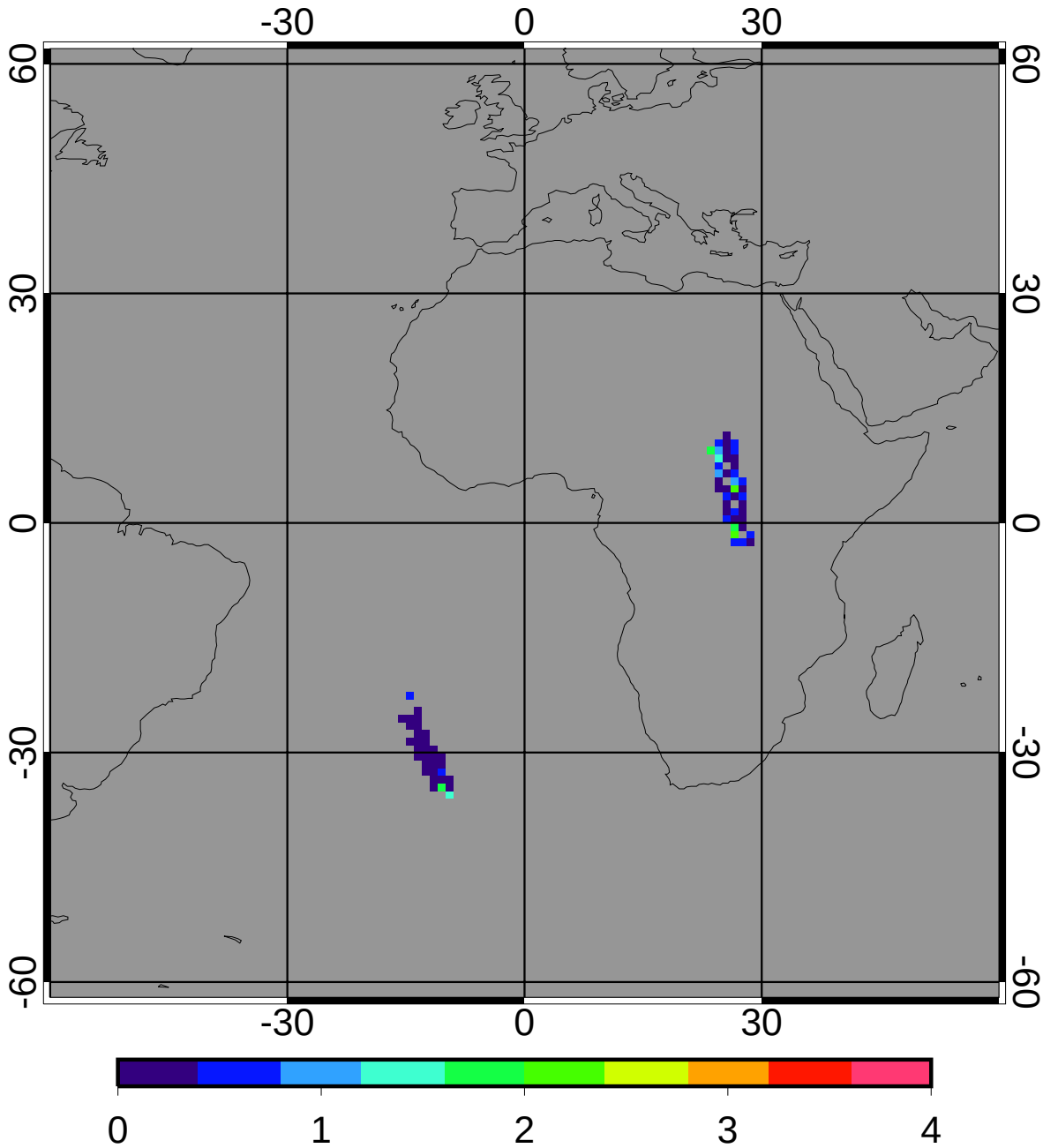
5ch_39cal Jul 2010 (matched angle)



bias	-0.30	-7.77%
domain sigma	0.57	14.49%

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

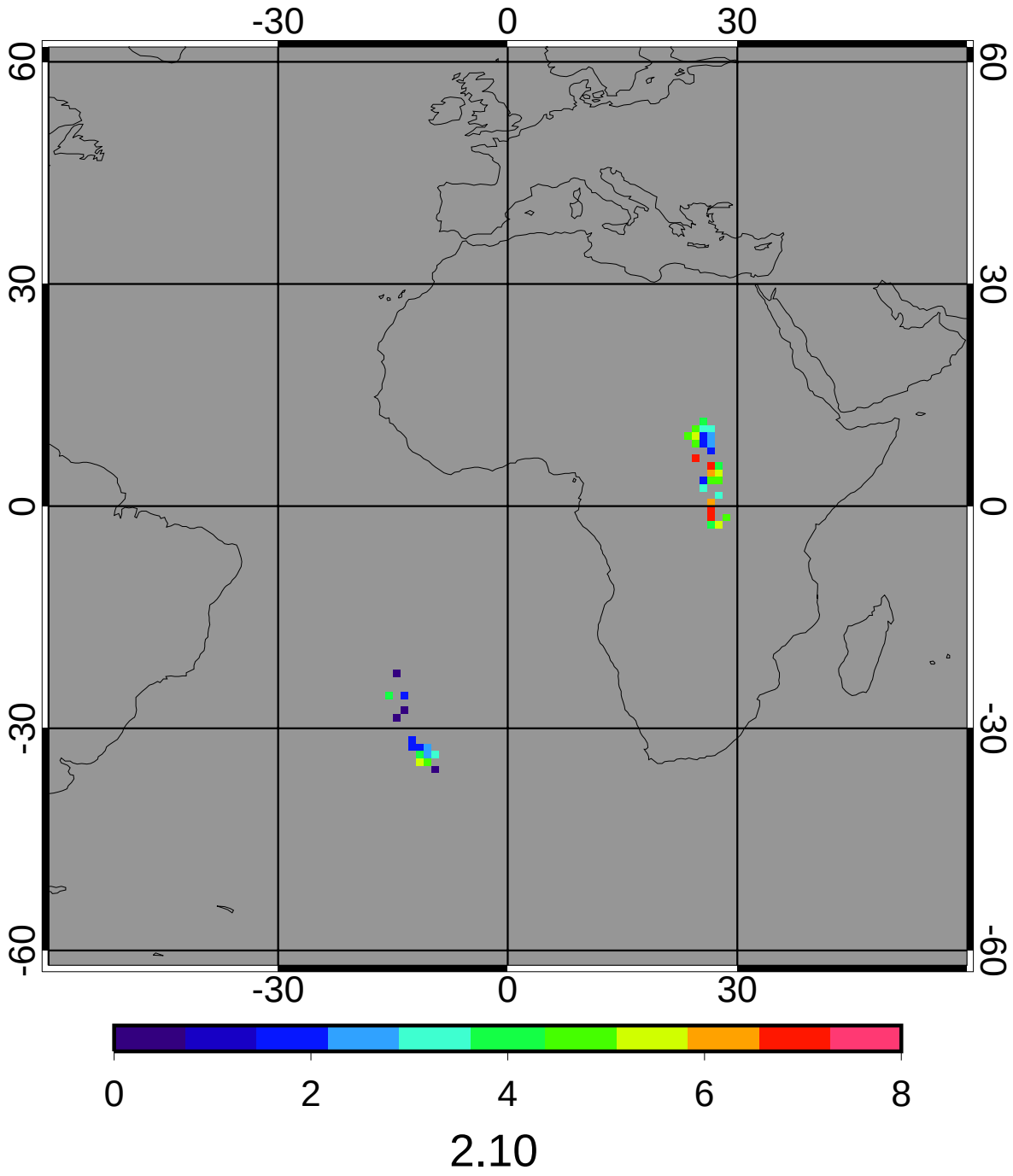
5ch_39cal Jul 2010 (matched angle)



regave rms	0.47	12.07%
domain rms	0.64	16.45%

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

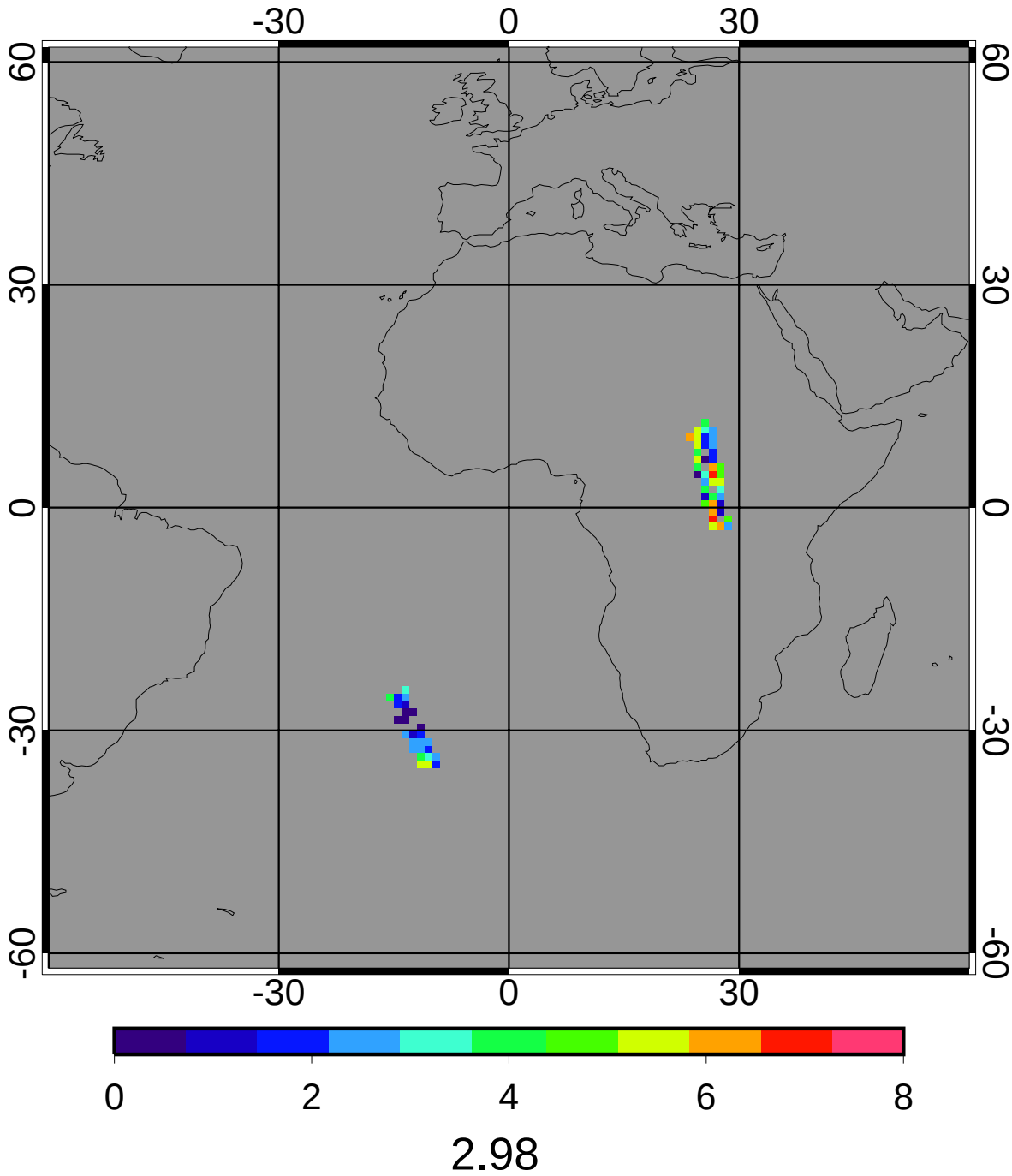
5ch_39cal Jul 2010 (matched angle)



2.10

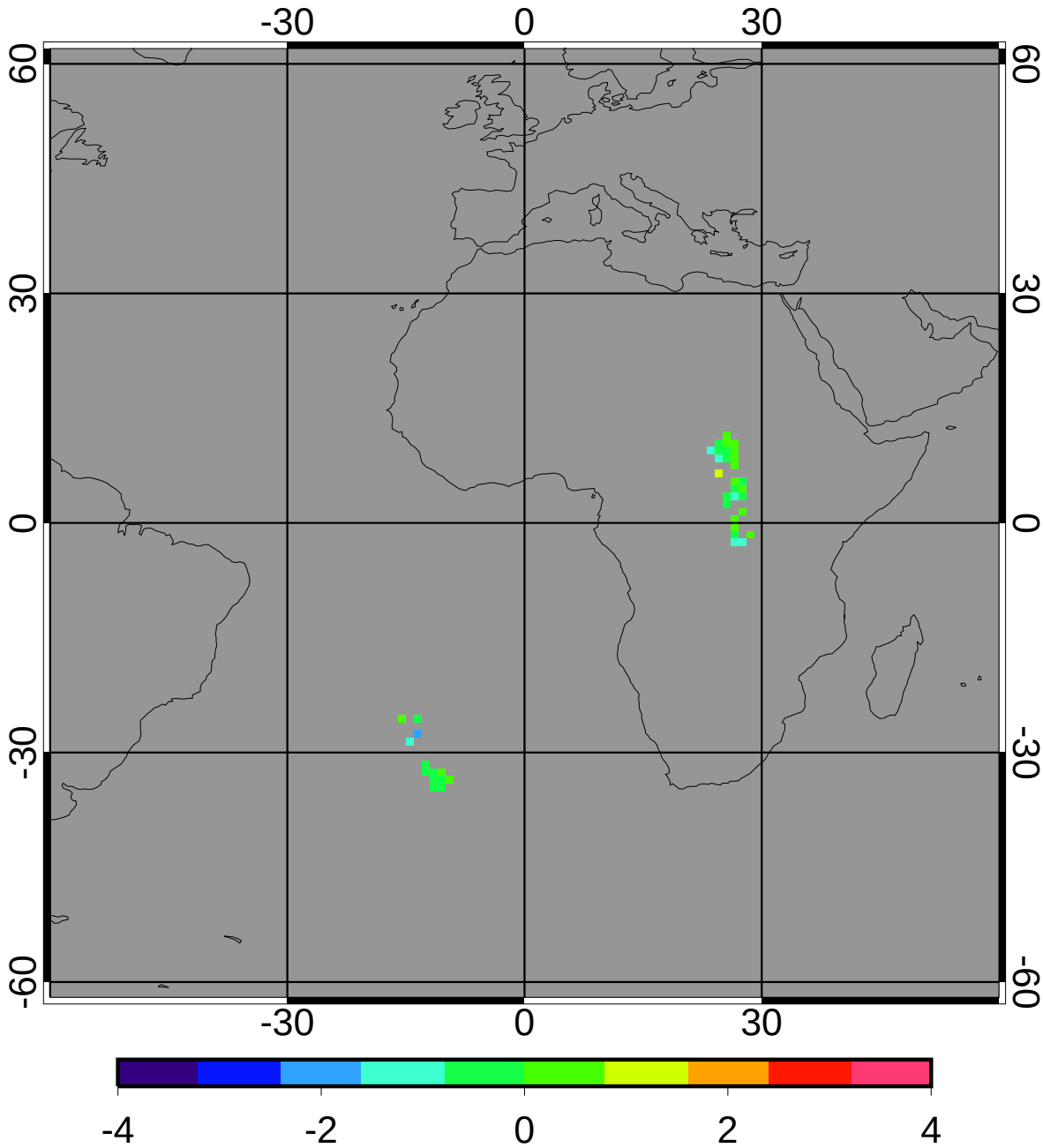
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Jul 2010 (matched angle)



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

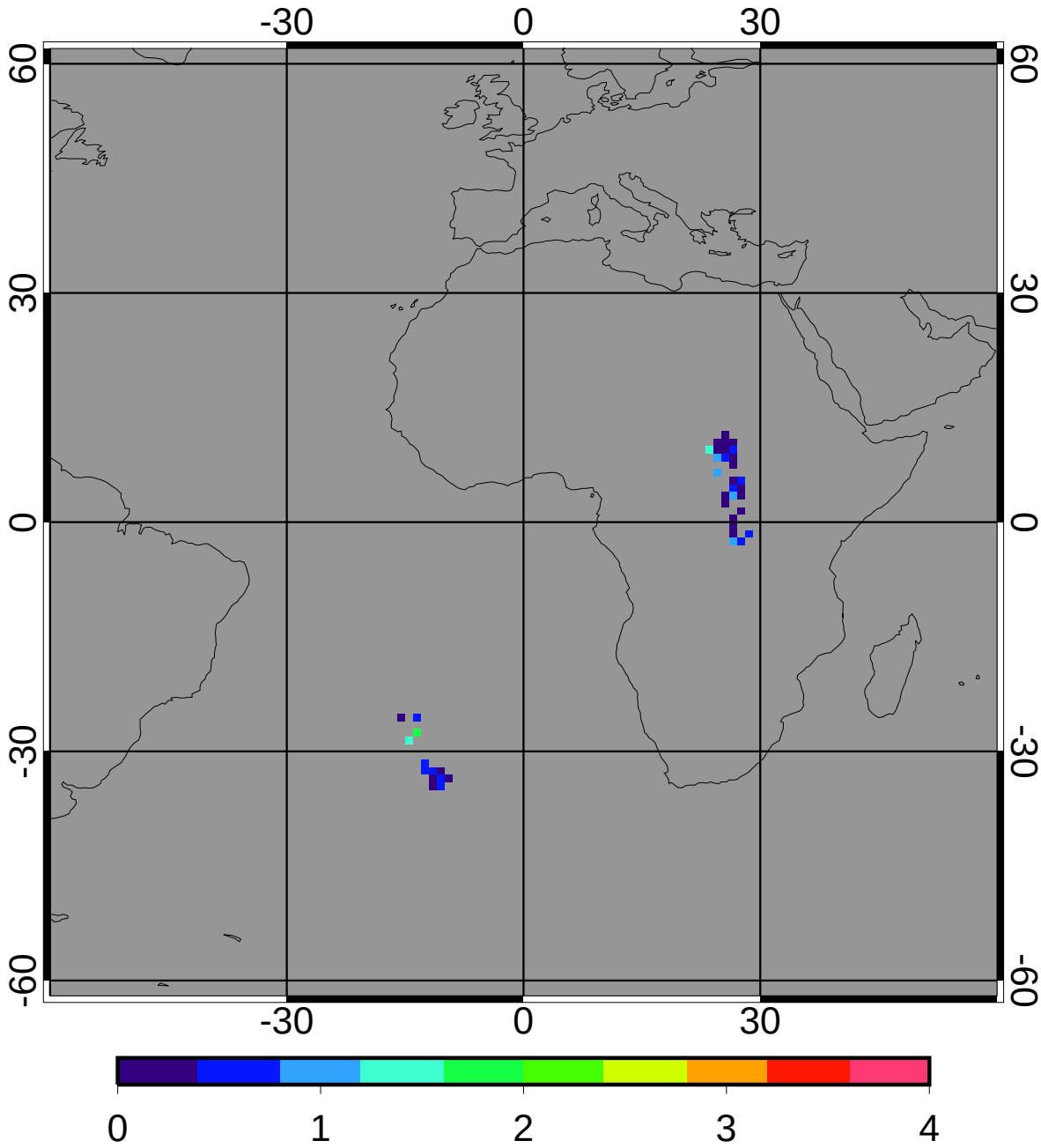
5ch_39cal Jul 2010 (matched angle)



bias	-0.15	-4.92%
domain sigma	0.52	17.39%

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

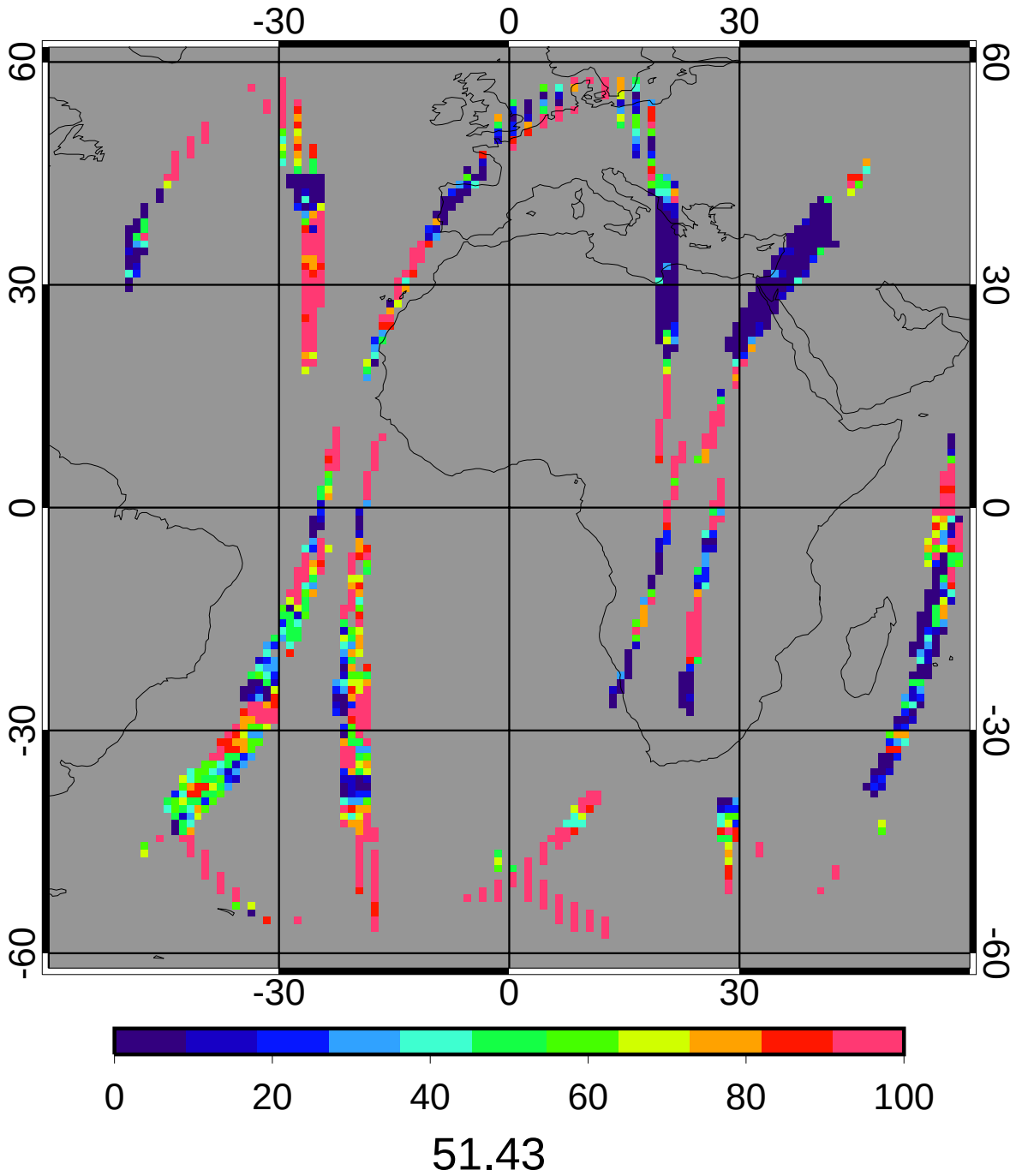
5ch_39cal Jul 2010 (matched angle)



regave rms	0.27	9.14%
domain rms	0.59	19.86%

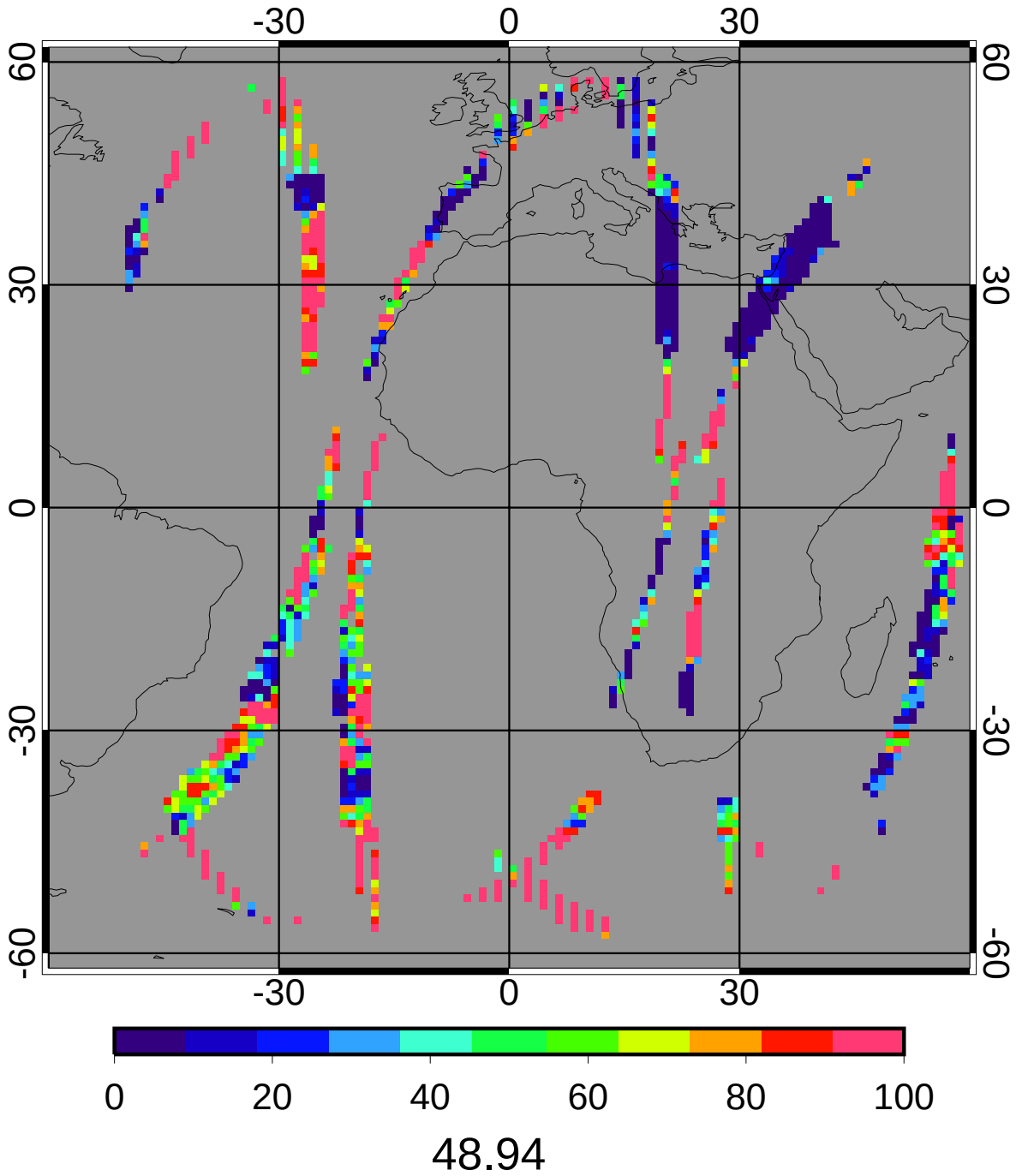
GGEO MEAN Nighttime Cloud Amount (%)

5ch_39cal Jul 2010 (matched angle)



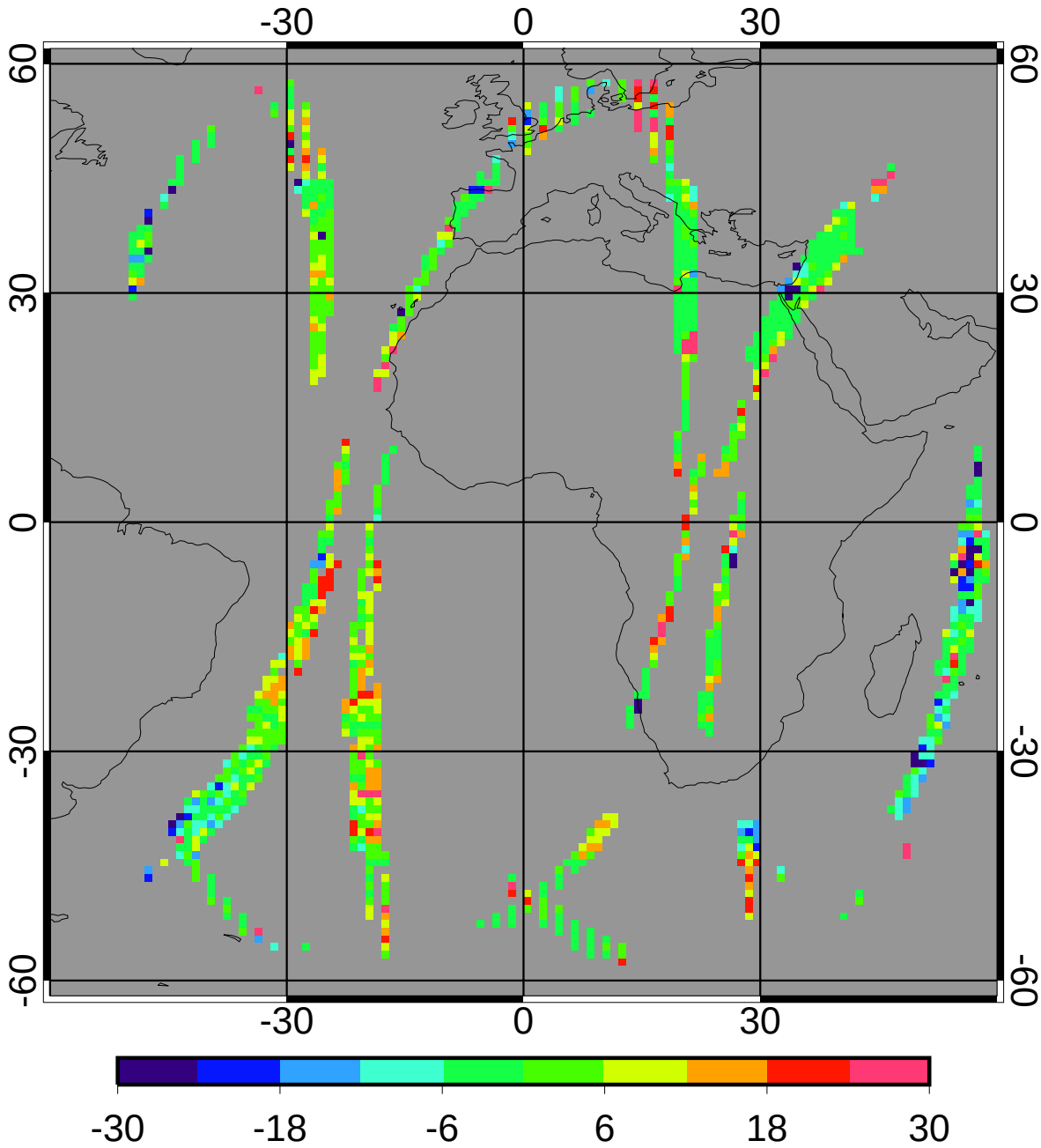
CERES/Aqua MEAN Nighttime Cloud Amount (%)

5ch_39cal Jul 2010 (matched angle)



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

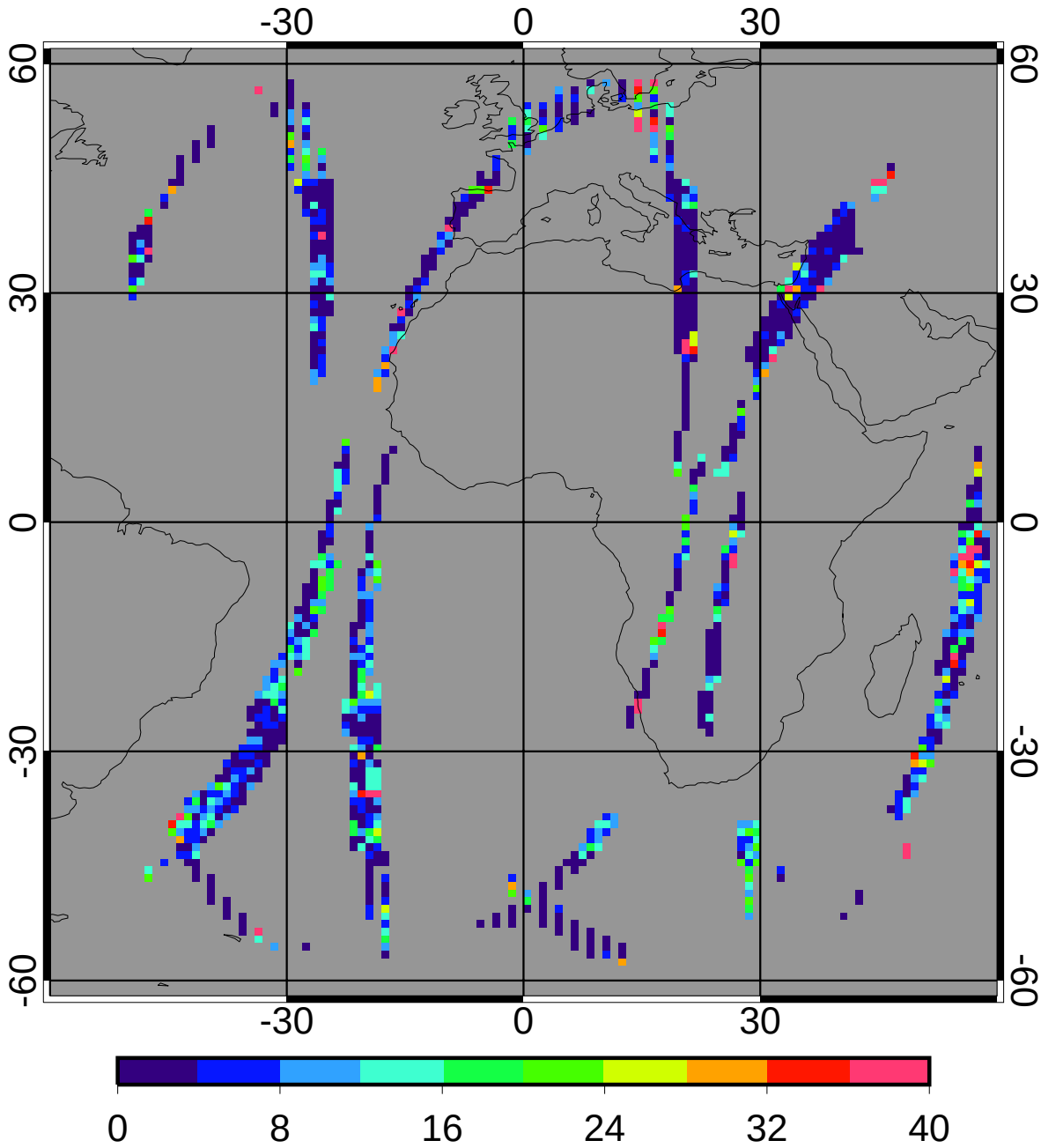
5ch_39cal Jul 2010 (matched angle)



bias	2.49	5.09%
domain sigma	10.80	22.08%

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

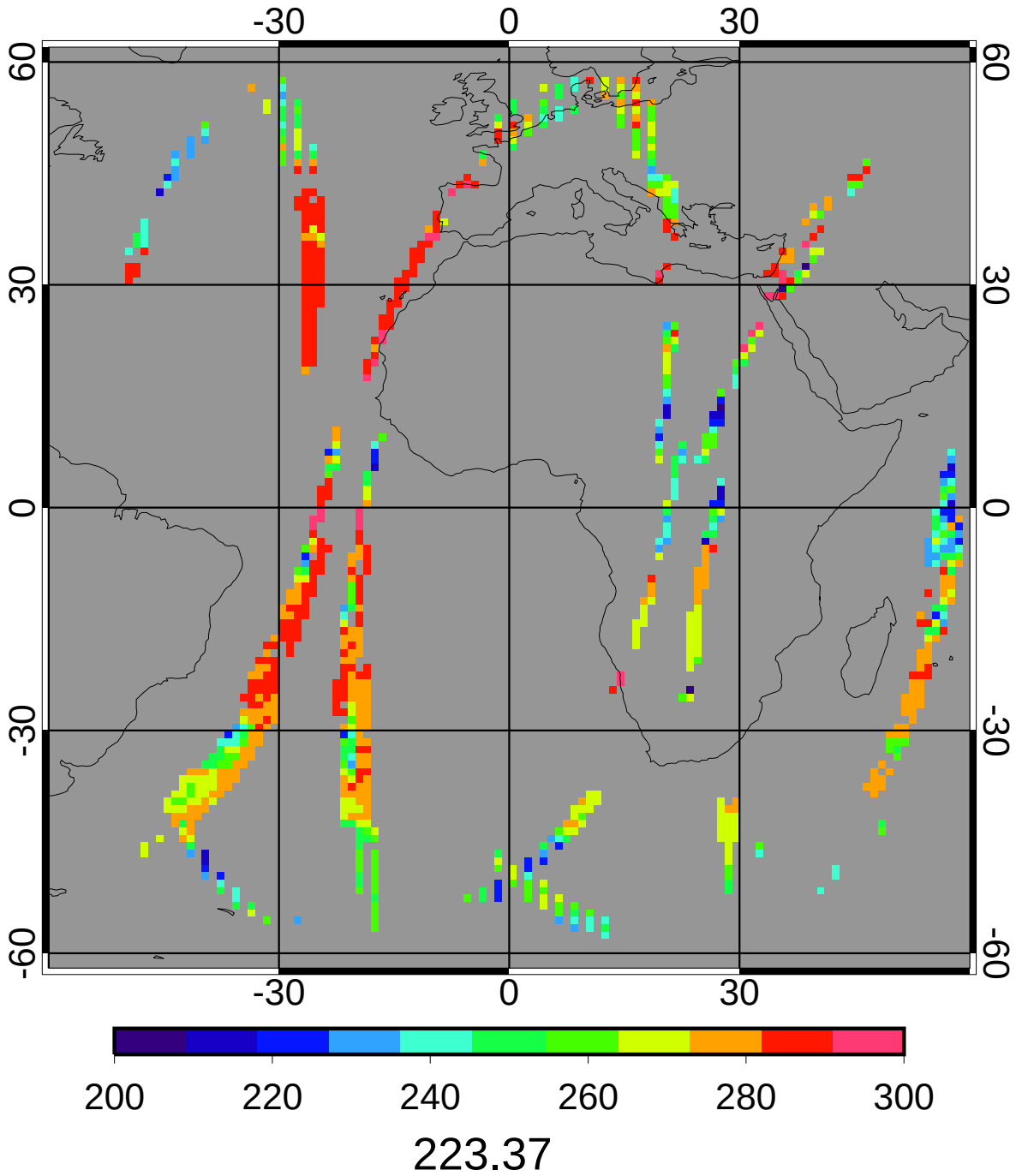
5ch_39cal Jul 2010 (matched angle)



regave rms	8.02	16.38%
domain rms	12.13	24.78%

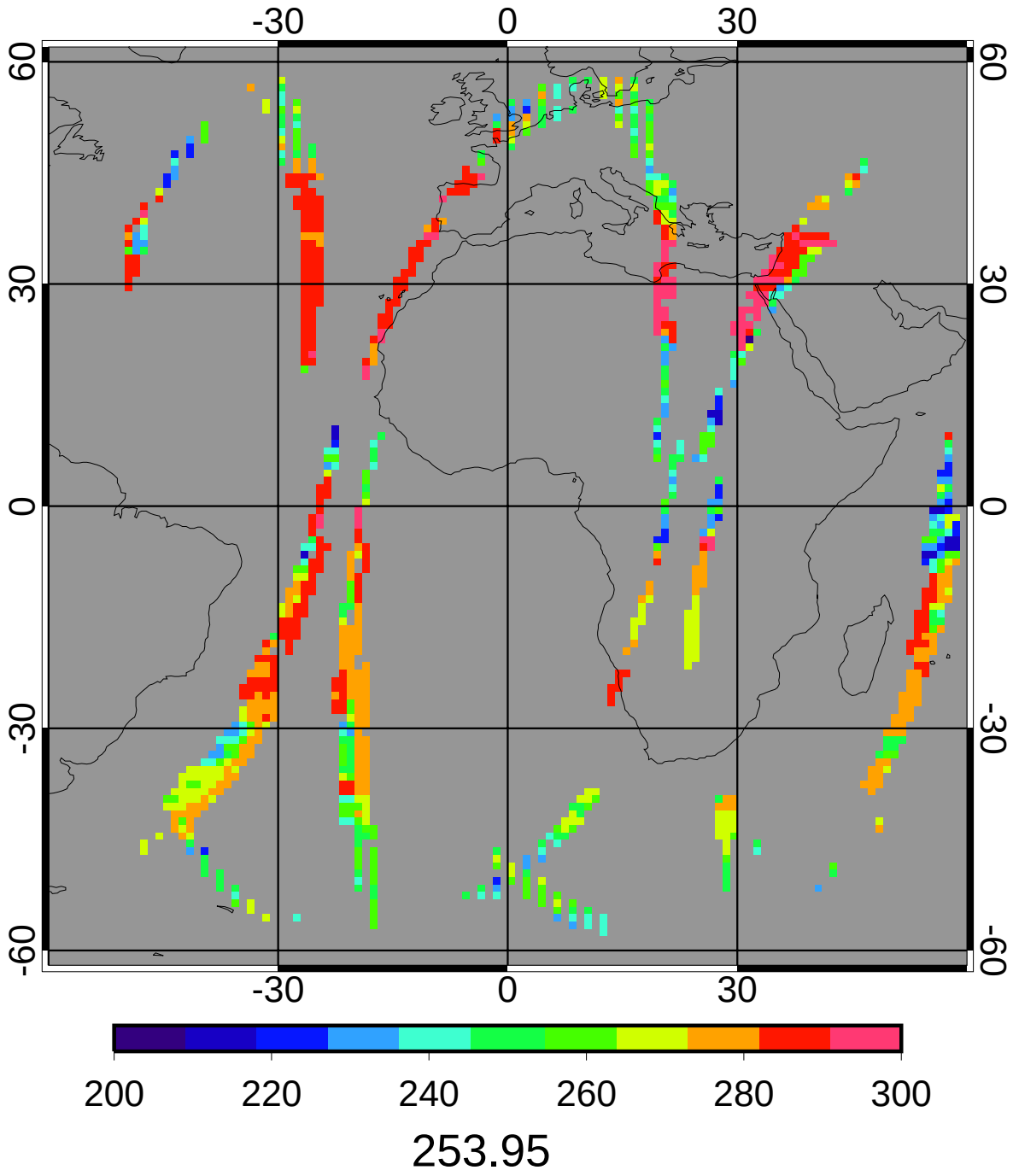
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_39cal Jul 2010 (matched angle)



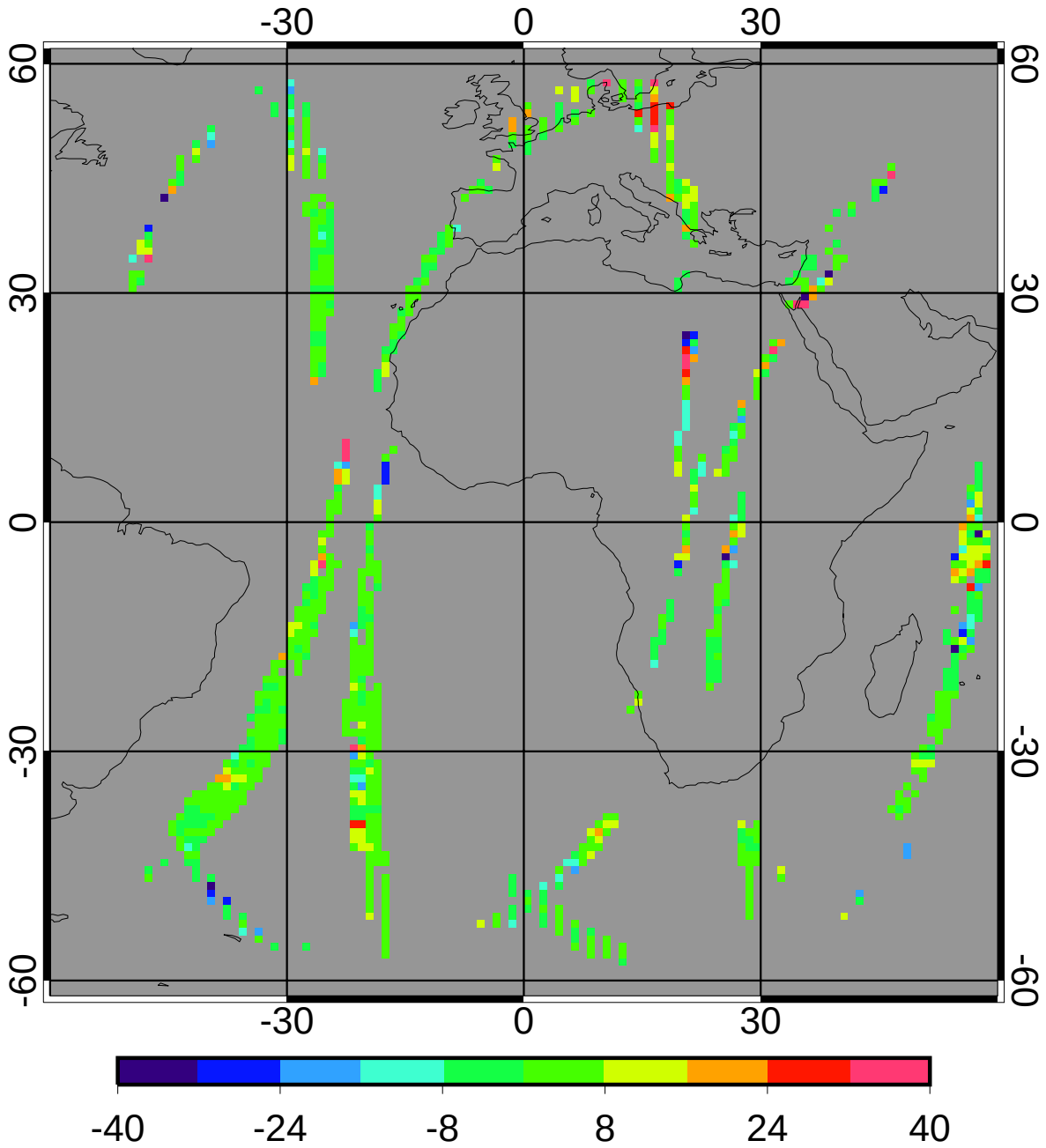
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

5ch_39cal Jul 2010 (matched angle)



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

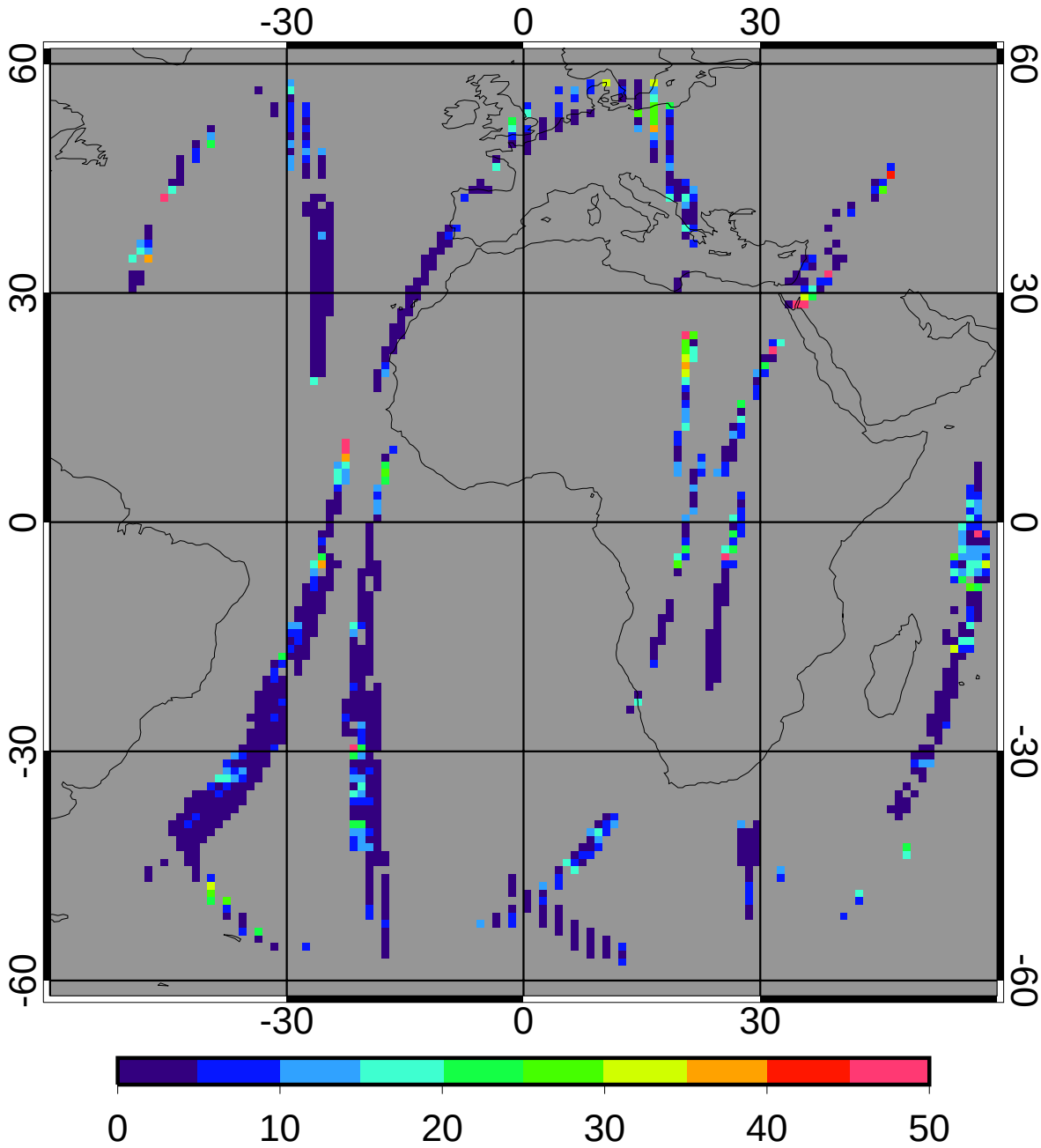
5ch_39cal Jul 2010 (matched angle)



bias	1.40	0.55%
domain sigma	9.27	3.65%

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

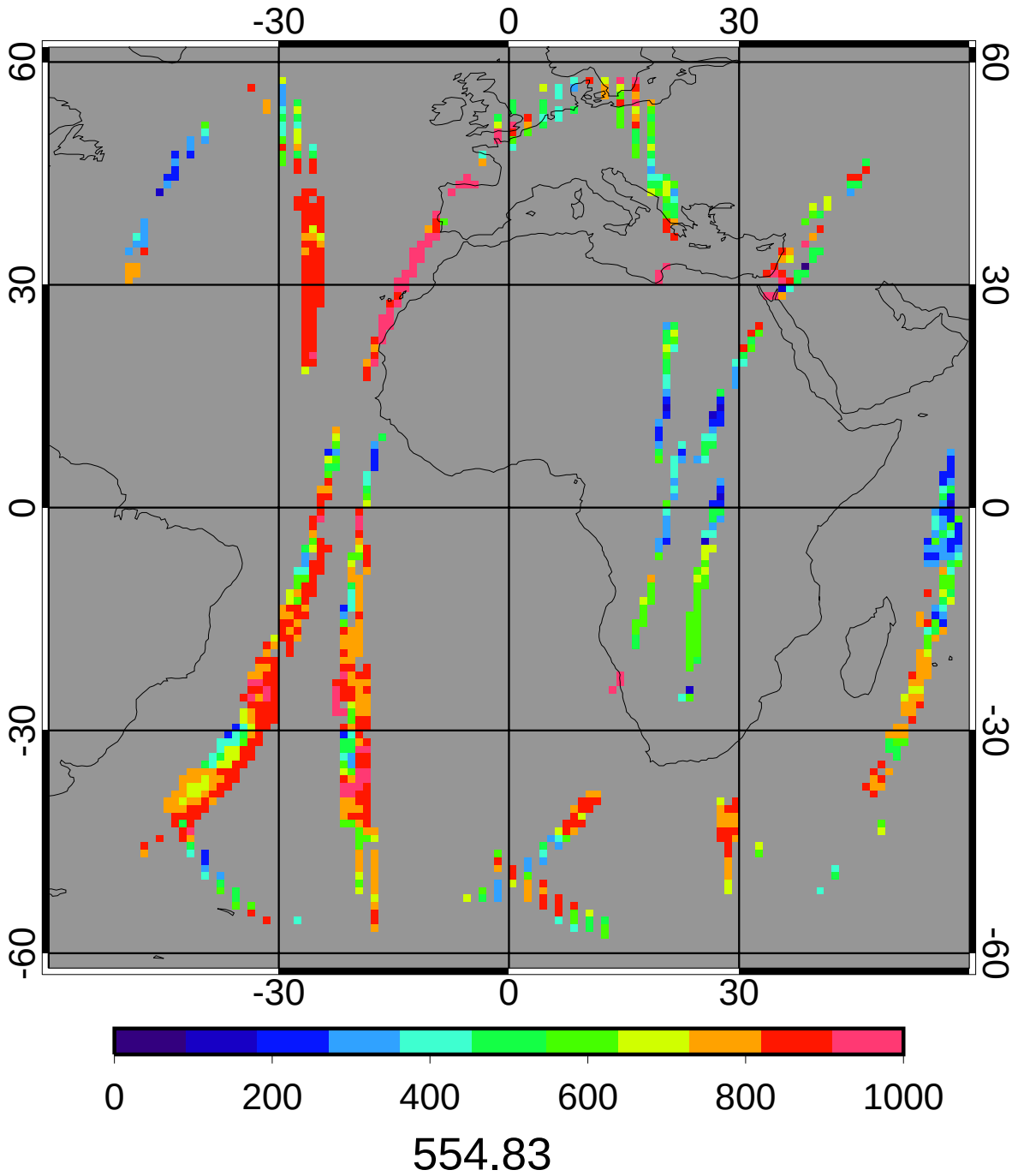
5ch_39cal Jul 2010 (matched angle)



regave rms	5.01	1.97%
domain rms	9.77	3.85%

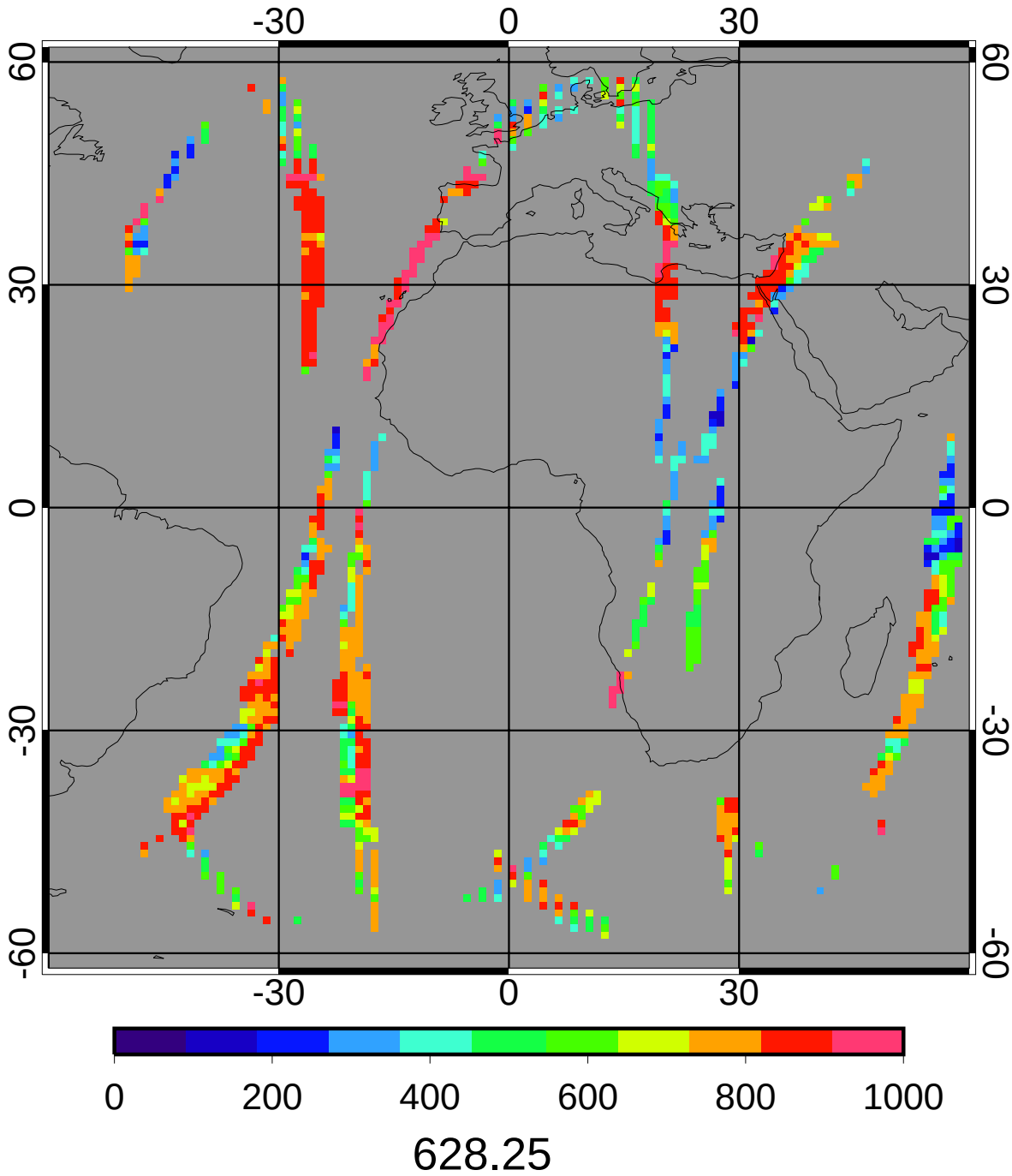
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



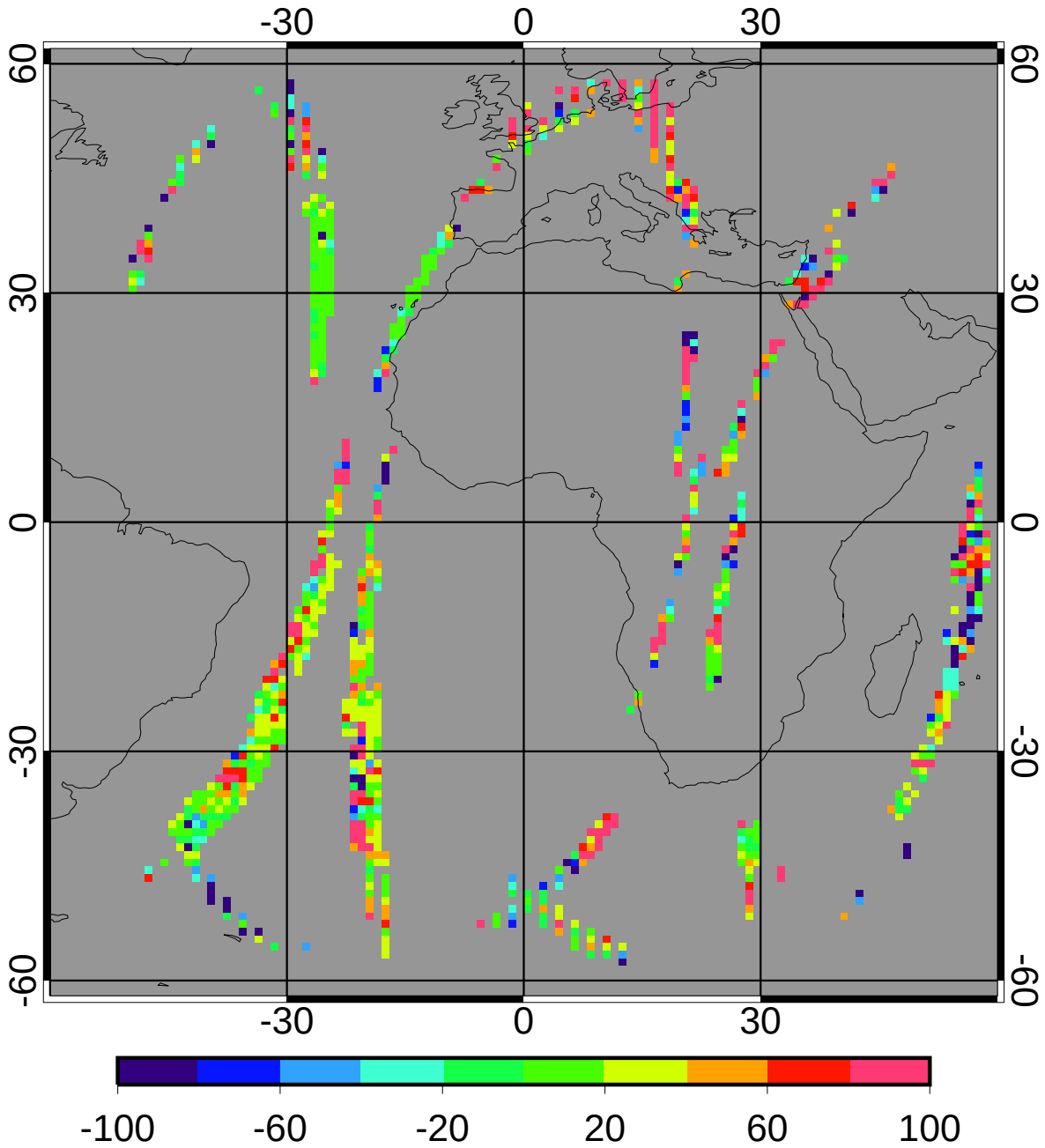
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



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

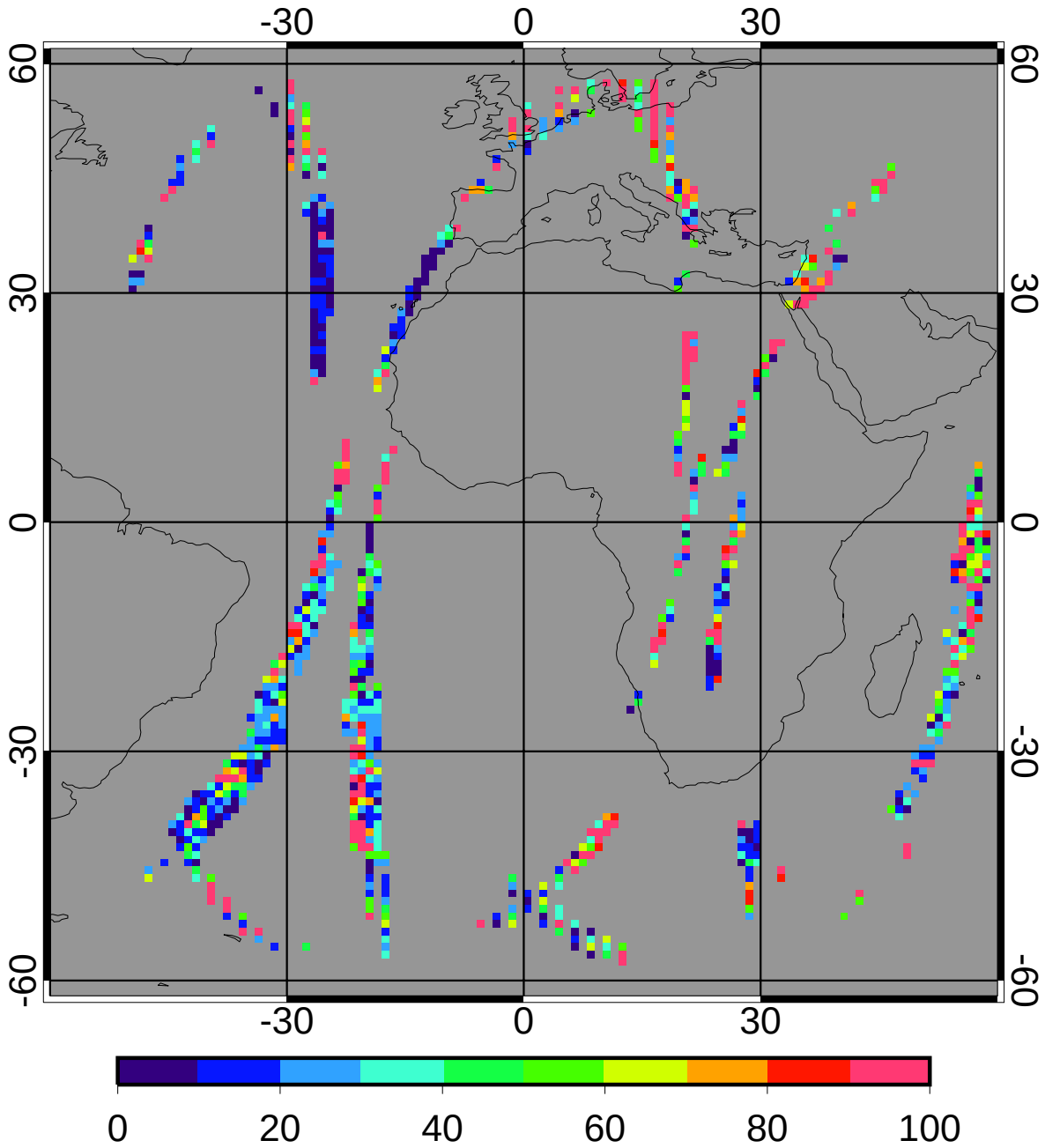
5ch_39cal Jul 2010 (matched angle)



bias	18.11	2.88%
domain sigma	82.44	13.12%

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

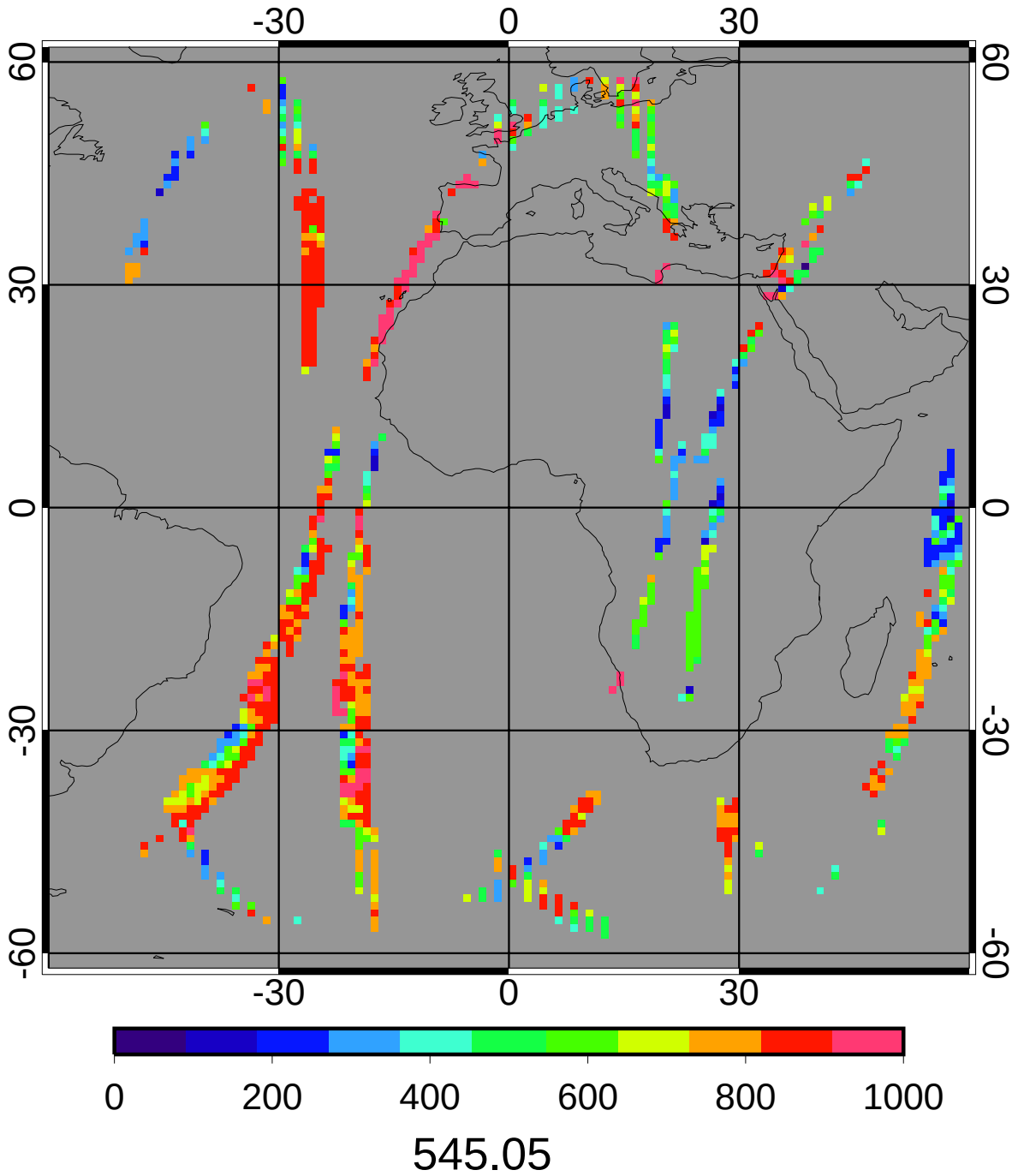
5ch_39cal Jul 2010 (matched angle)



regave rms	49.32	7.85%
domain rms	88.76	14.13%

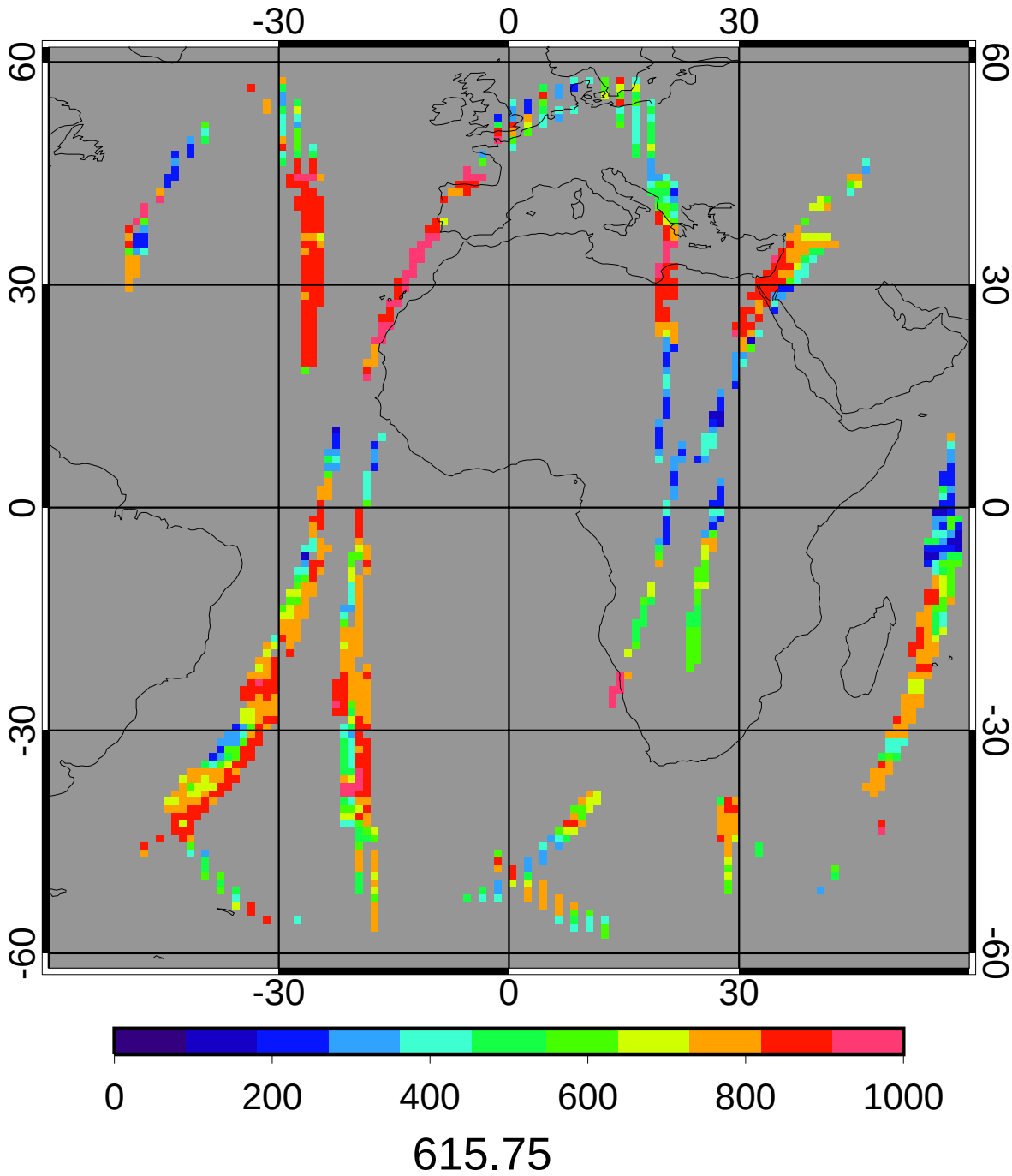
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



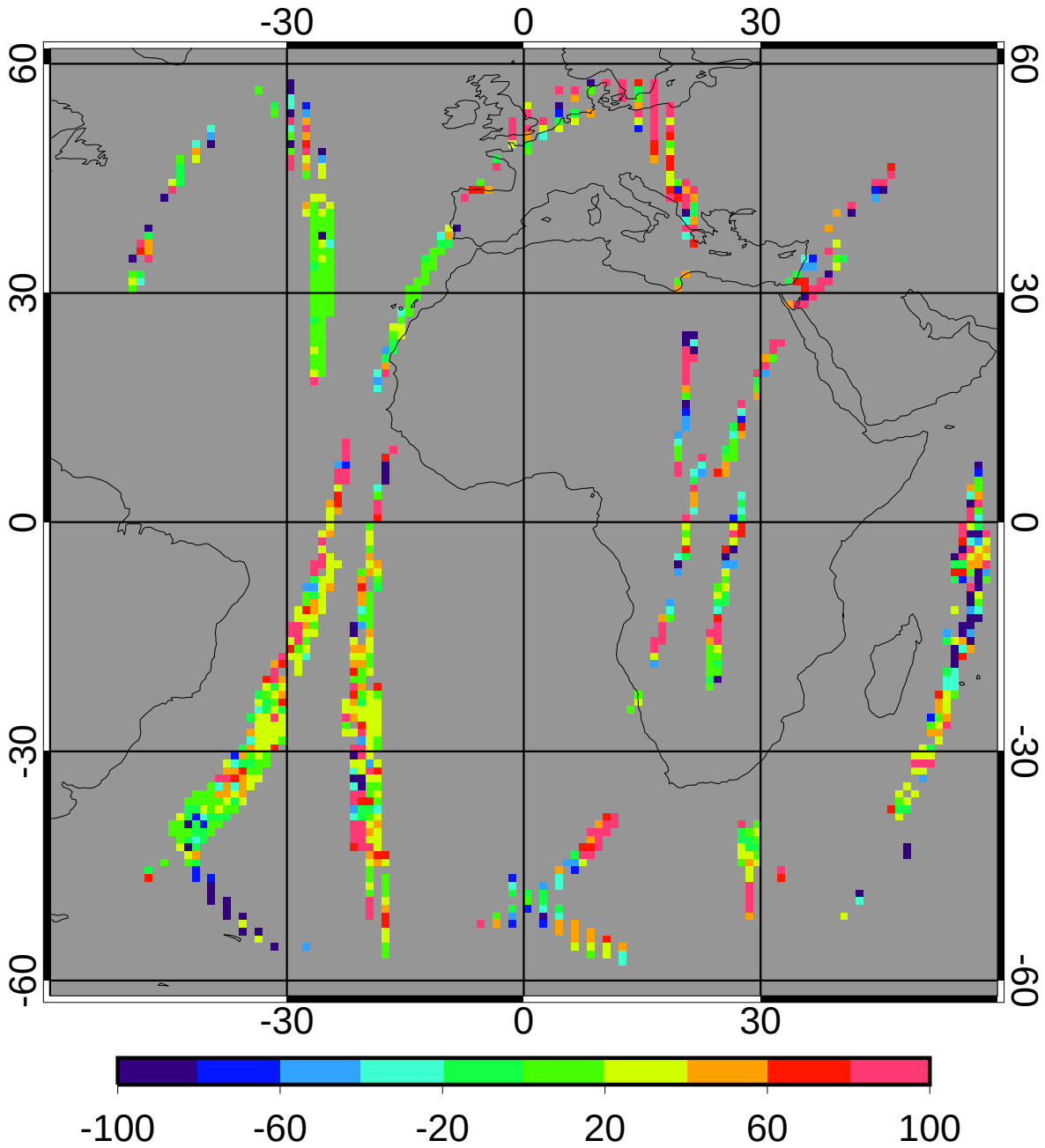
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



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

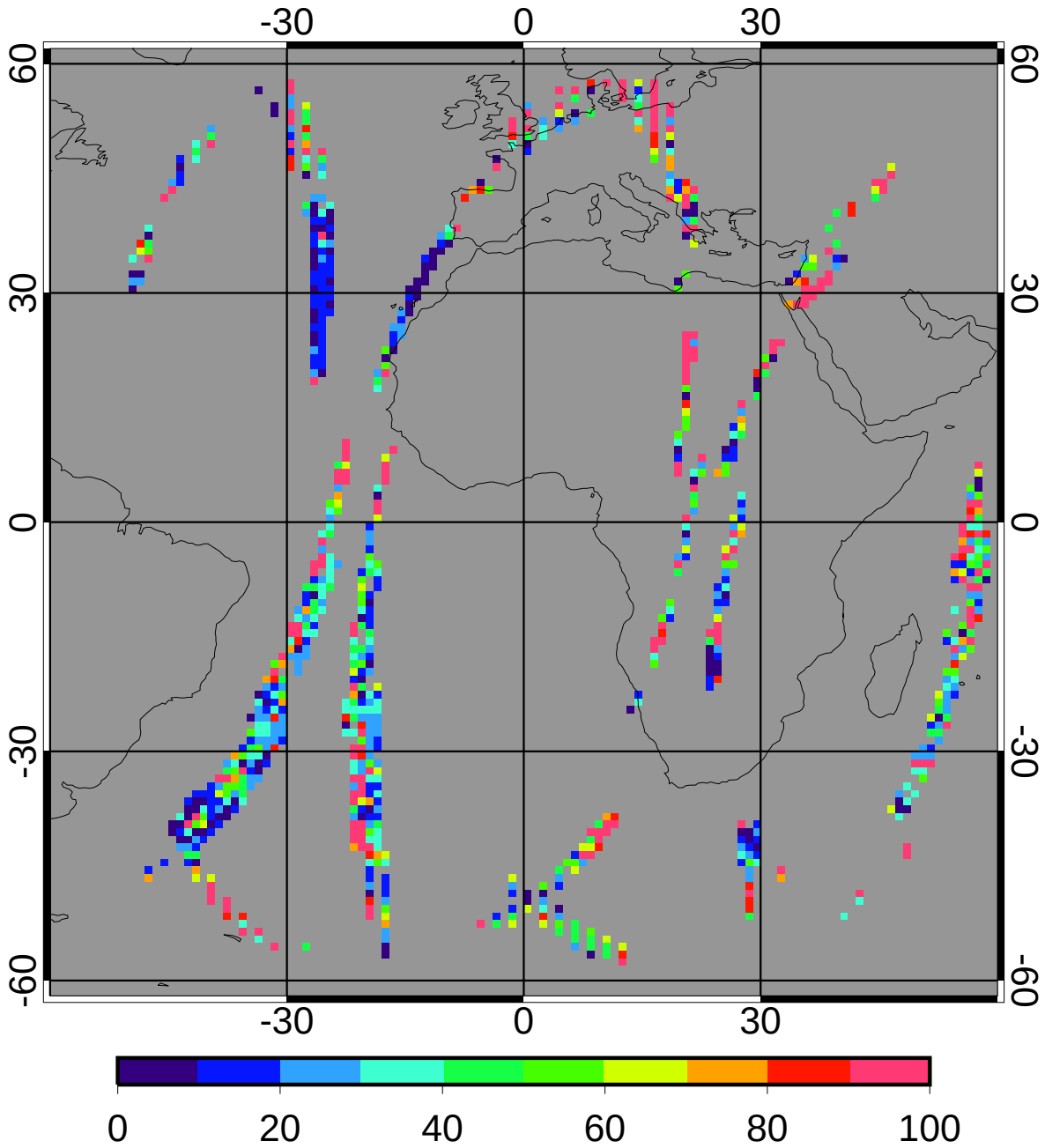
5ch_39cal Jul 2010 (matched angle)



bias	19.56	3.18%
domain sigma	84.47	13.72%

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

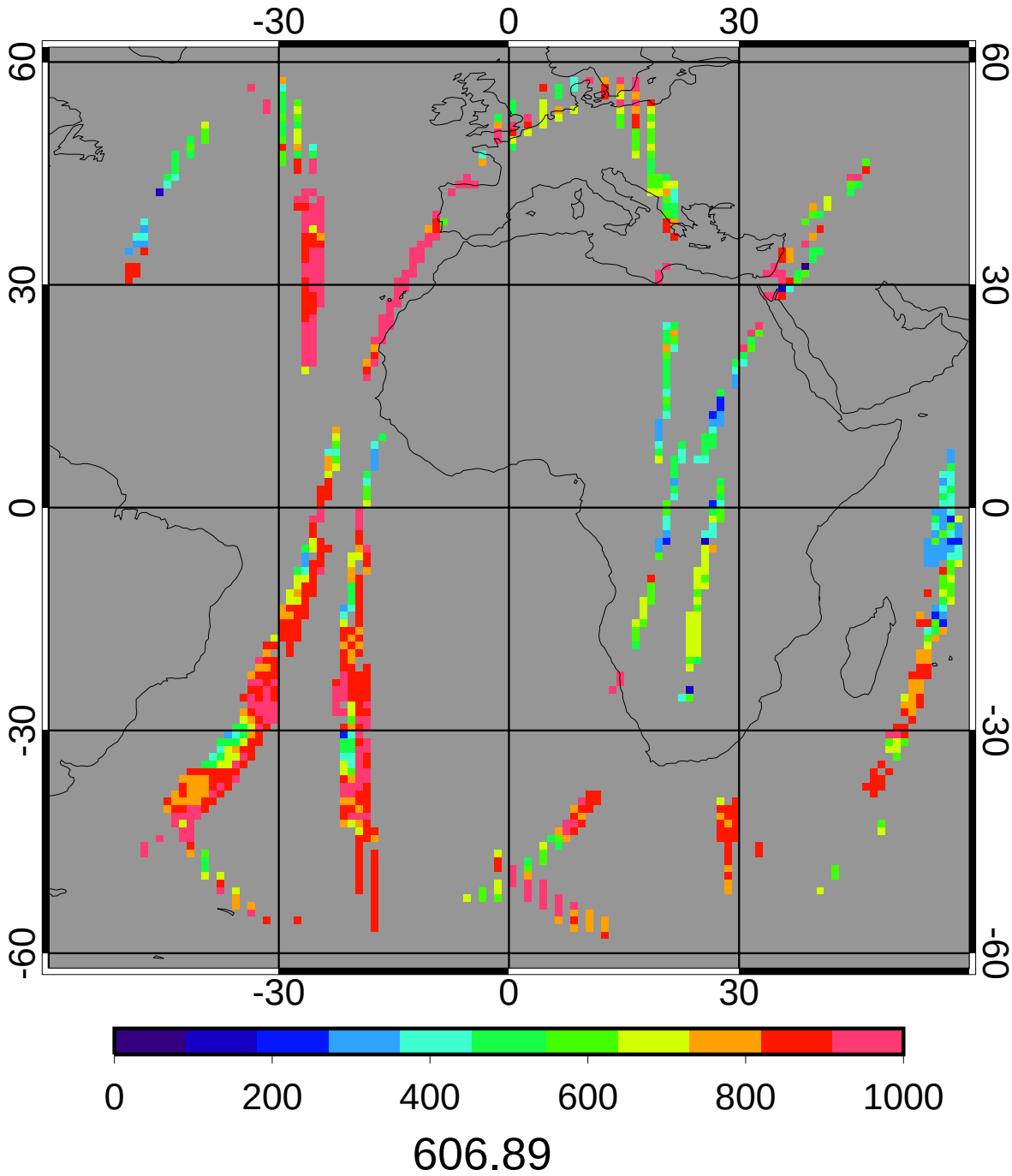
5ch_39cal Jul 2010 (matched angle)



regave rms	51.45	8.36%
domain rms	91.07	14.79%

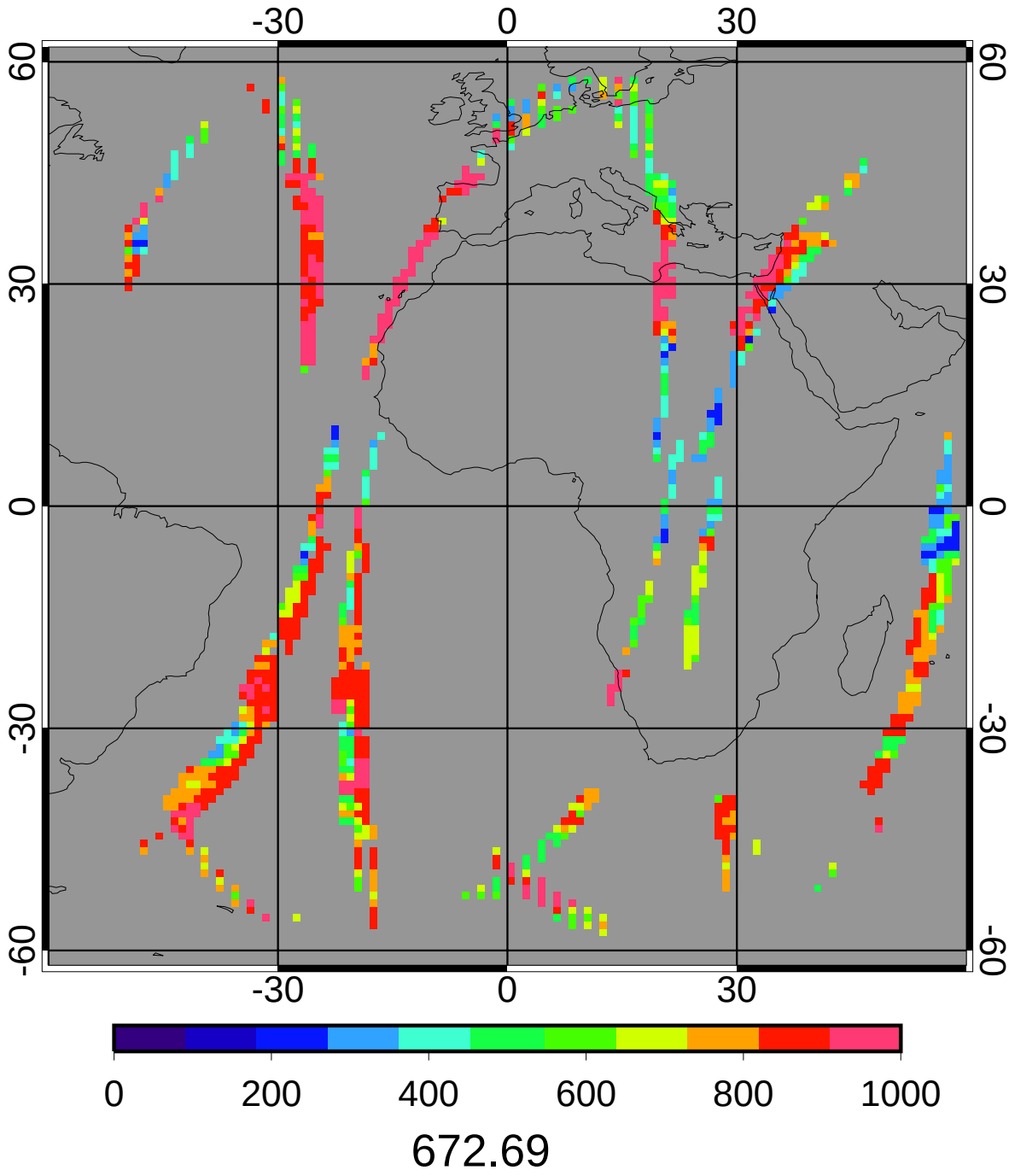
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



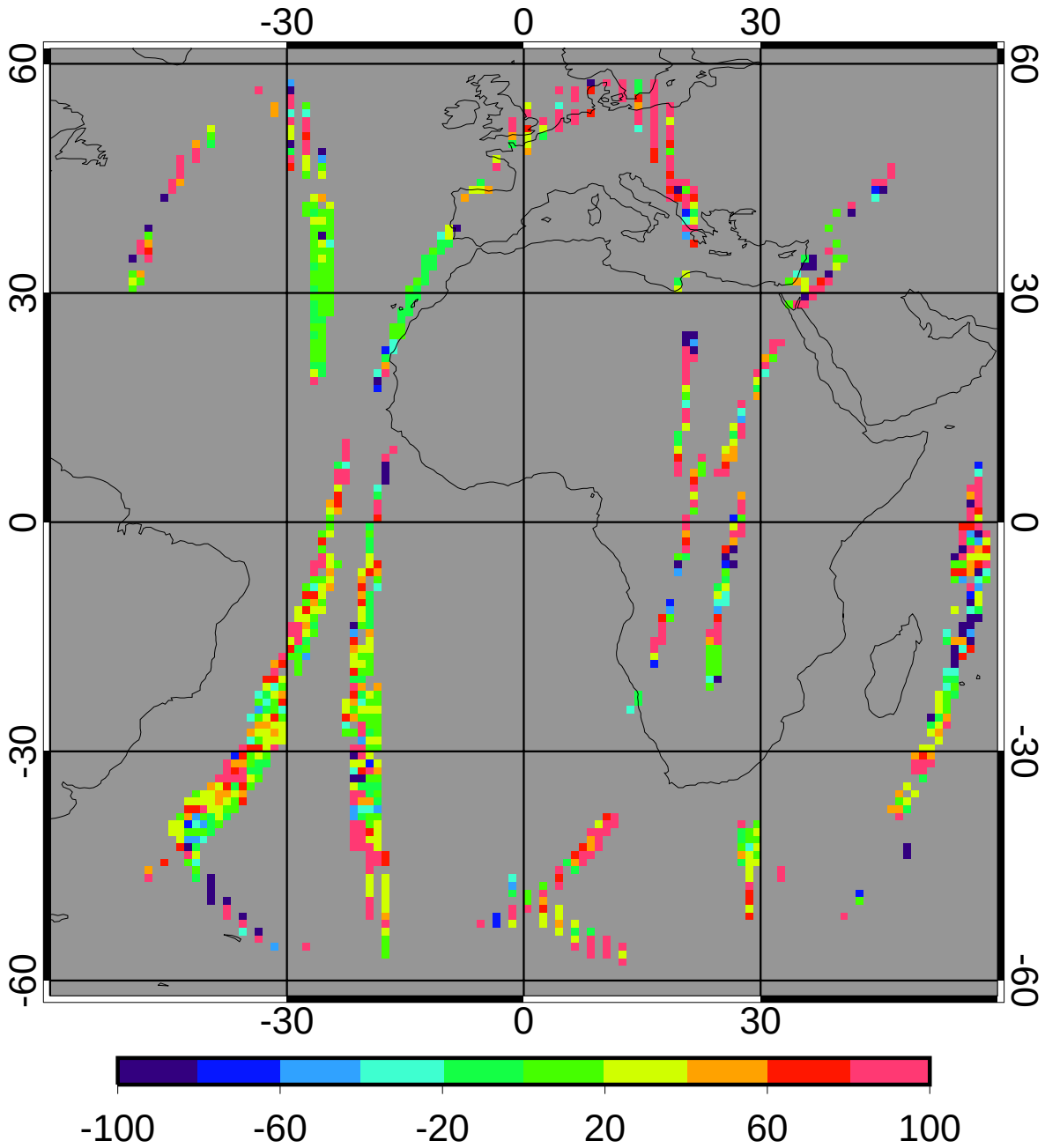
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Jul 2010 (matched angle)



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

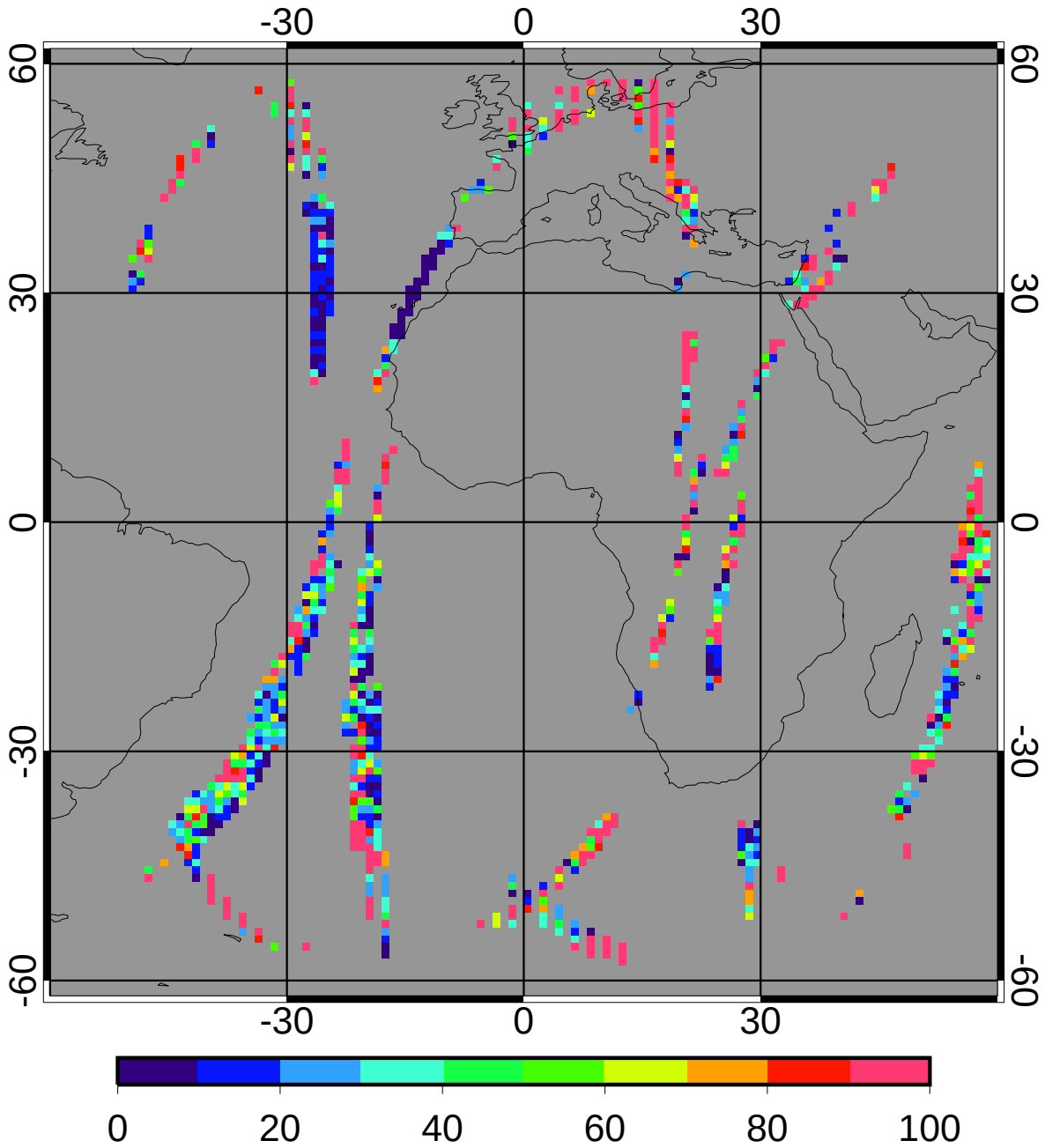
5ch_39cal Jul 2010 (matched angle)



bias	29.99	4.46%
domain sigma	88.12	13.10%

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

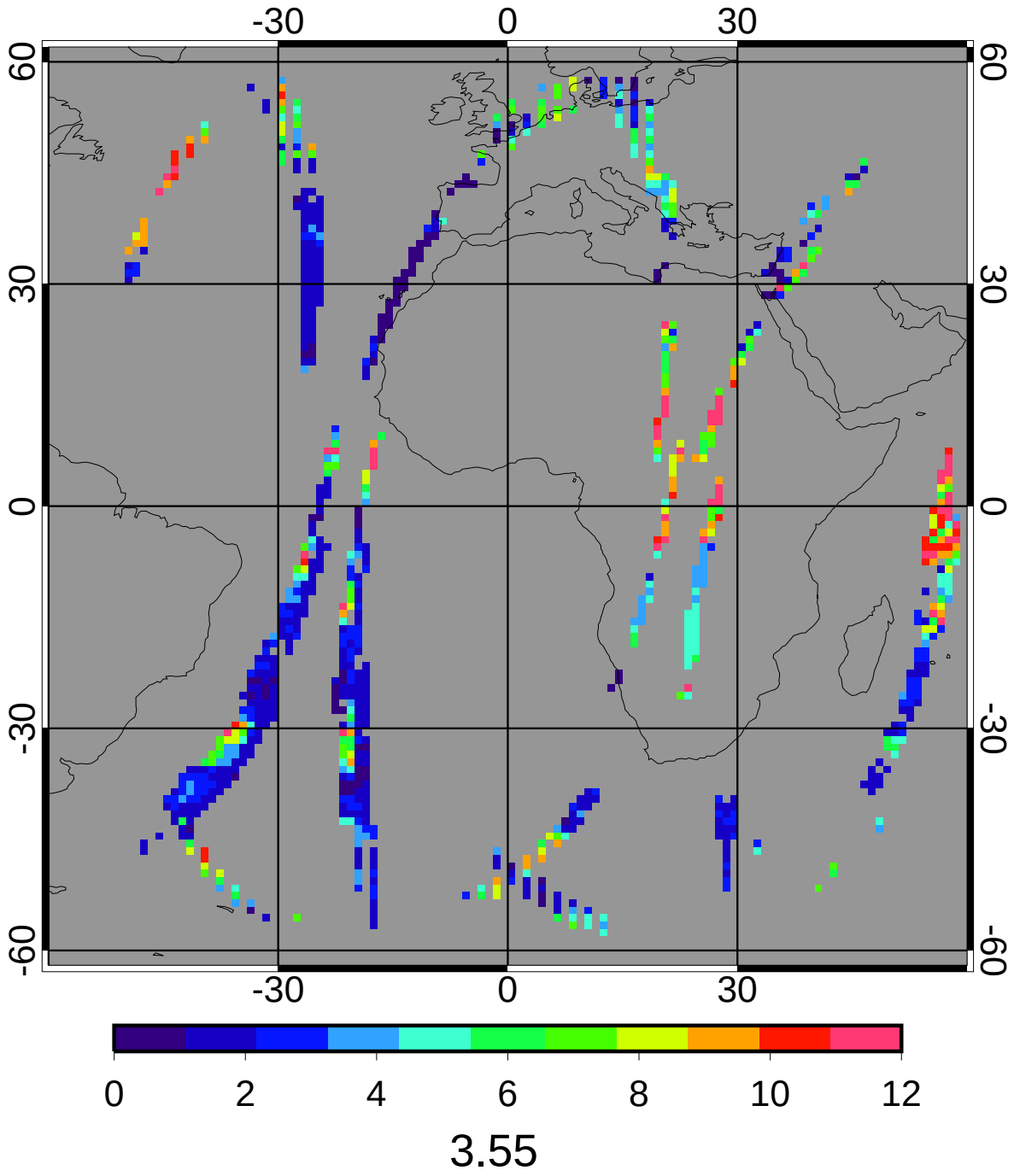
5ch_39cal Jul 2010 (matched angle)



regave rms	57.73	8.58%
domain rms	100.13	14.89%

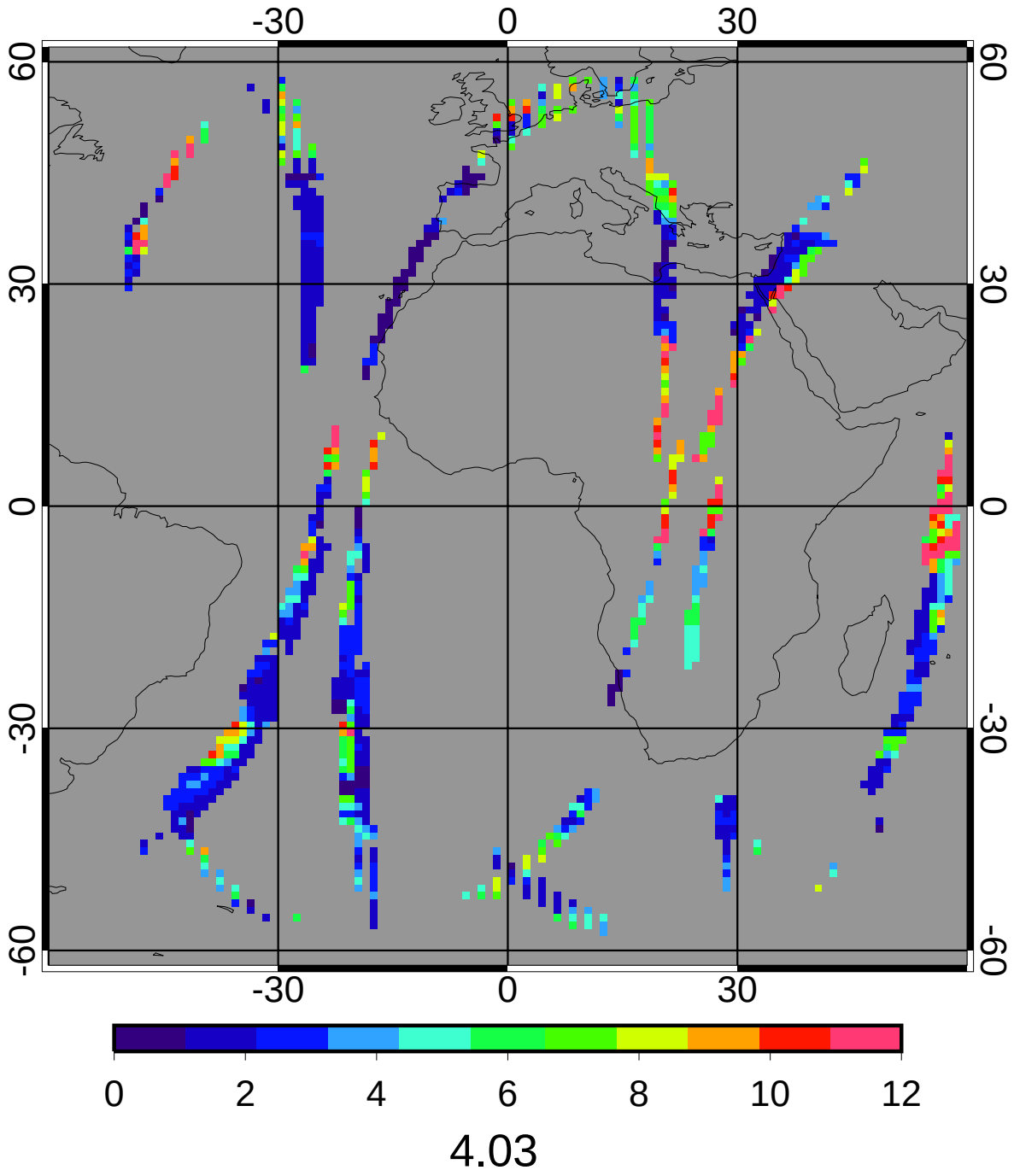
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Jul 2010 (matched angle)



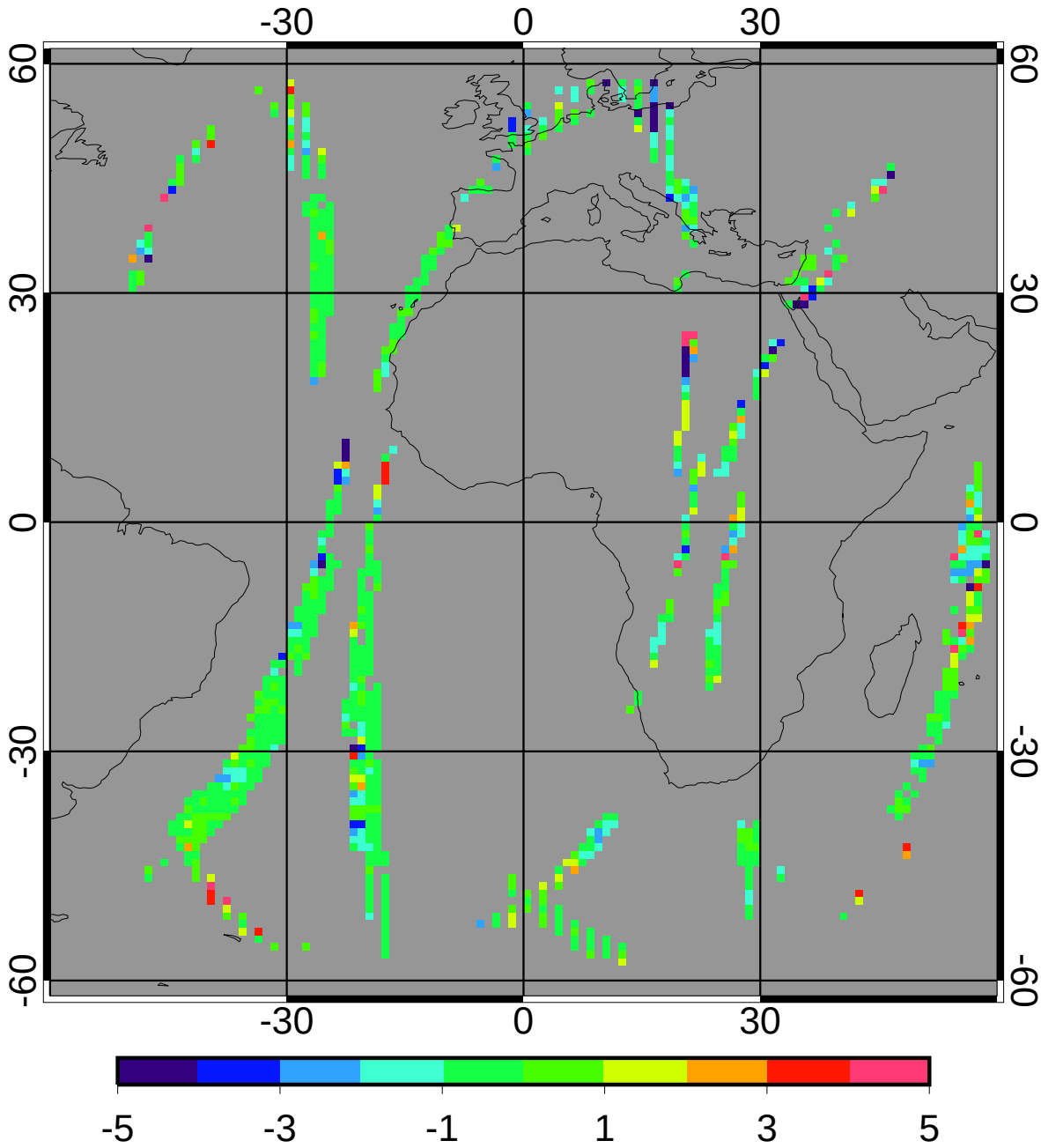
CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Jul 2010 (matched angle)



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

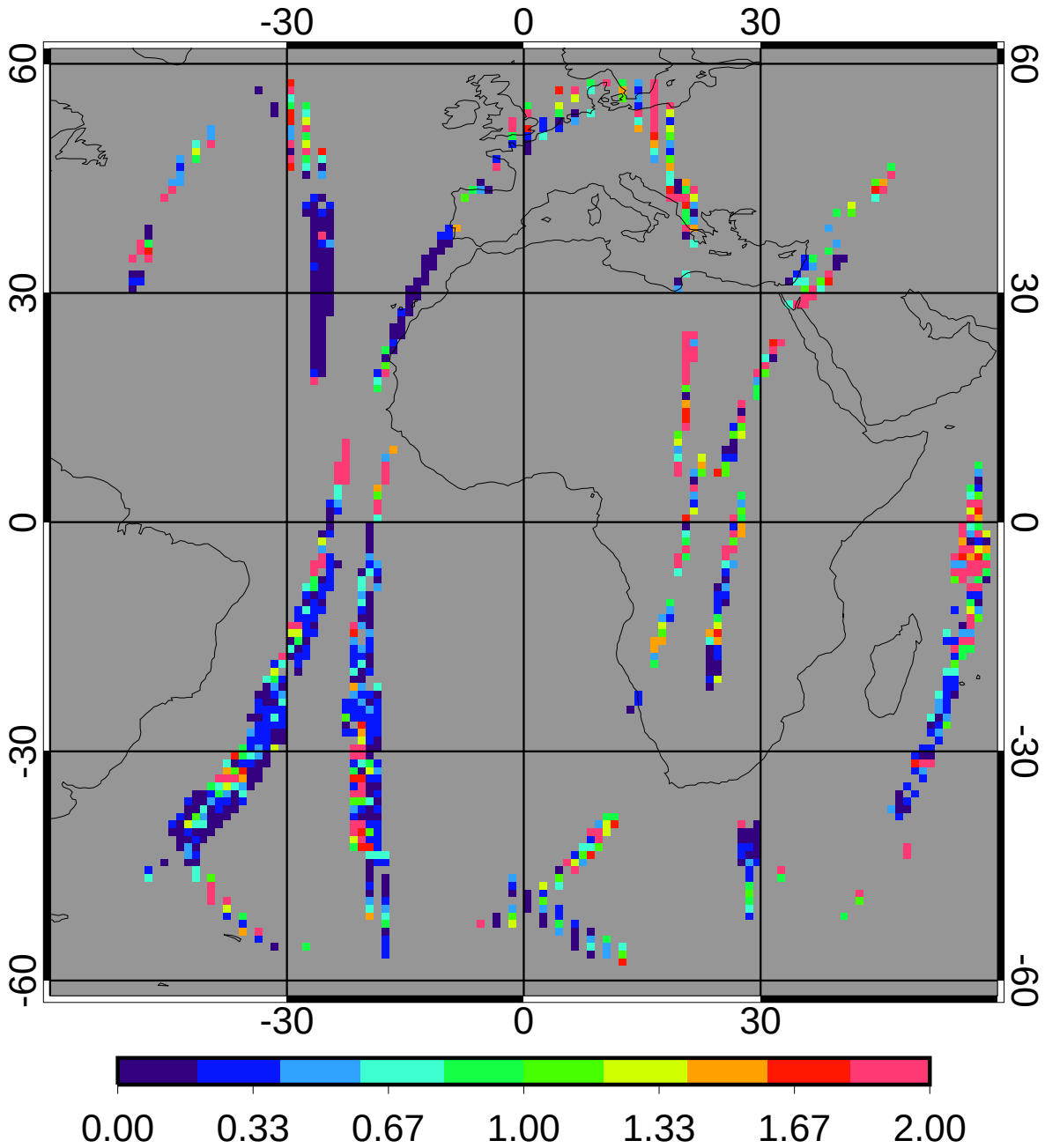
5ch_39cal Jul 2010 (matched angle)



bias	-0.25	-6.20%
domain sigma	1.47	36.39%

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

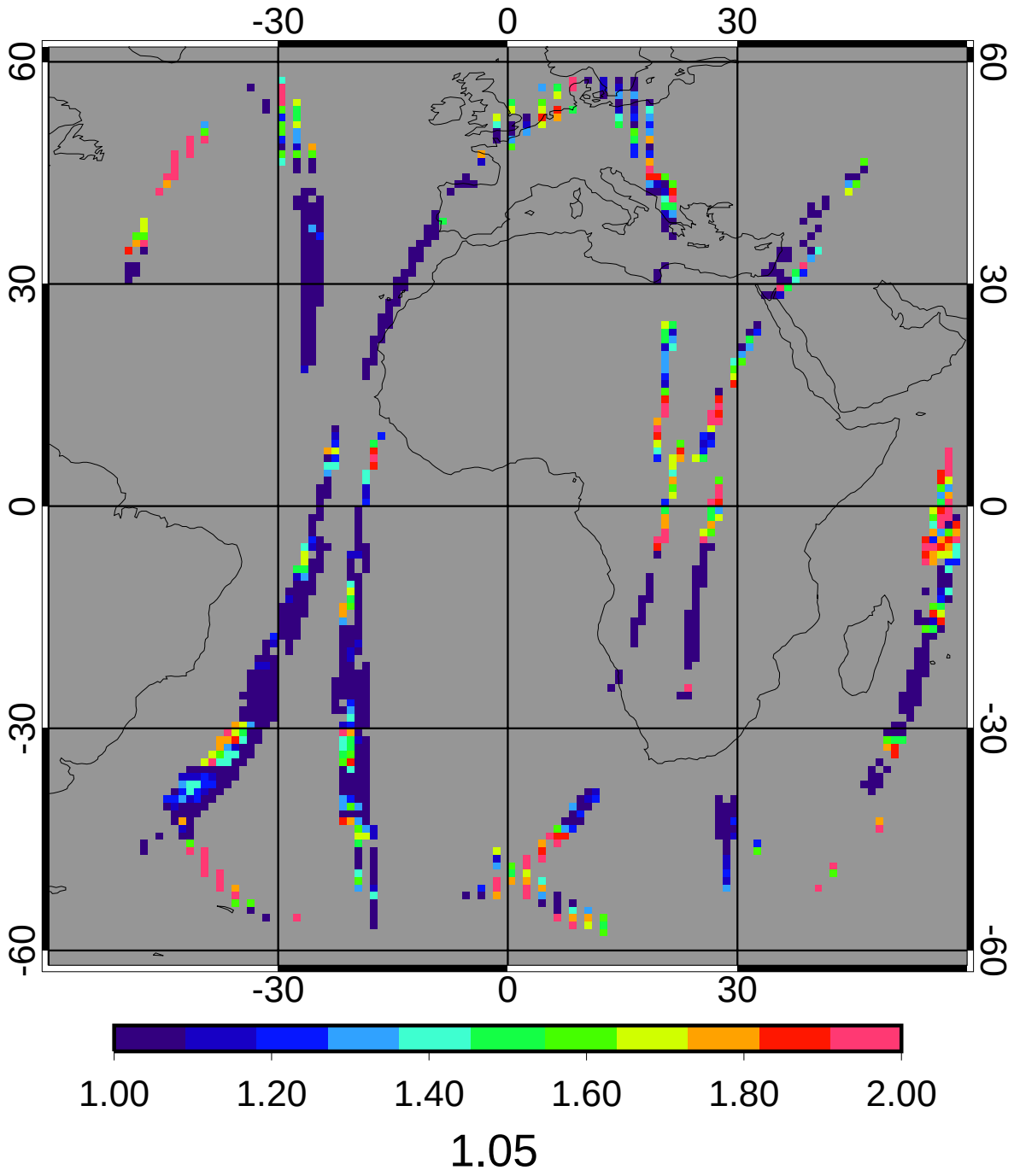
5ch_39cal Jul 2010 (matched angle)



regave rms	0.81	20.05%
domain rms	1.55	38.54%

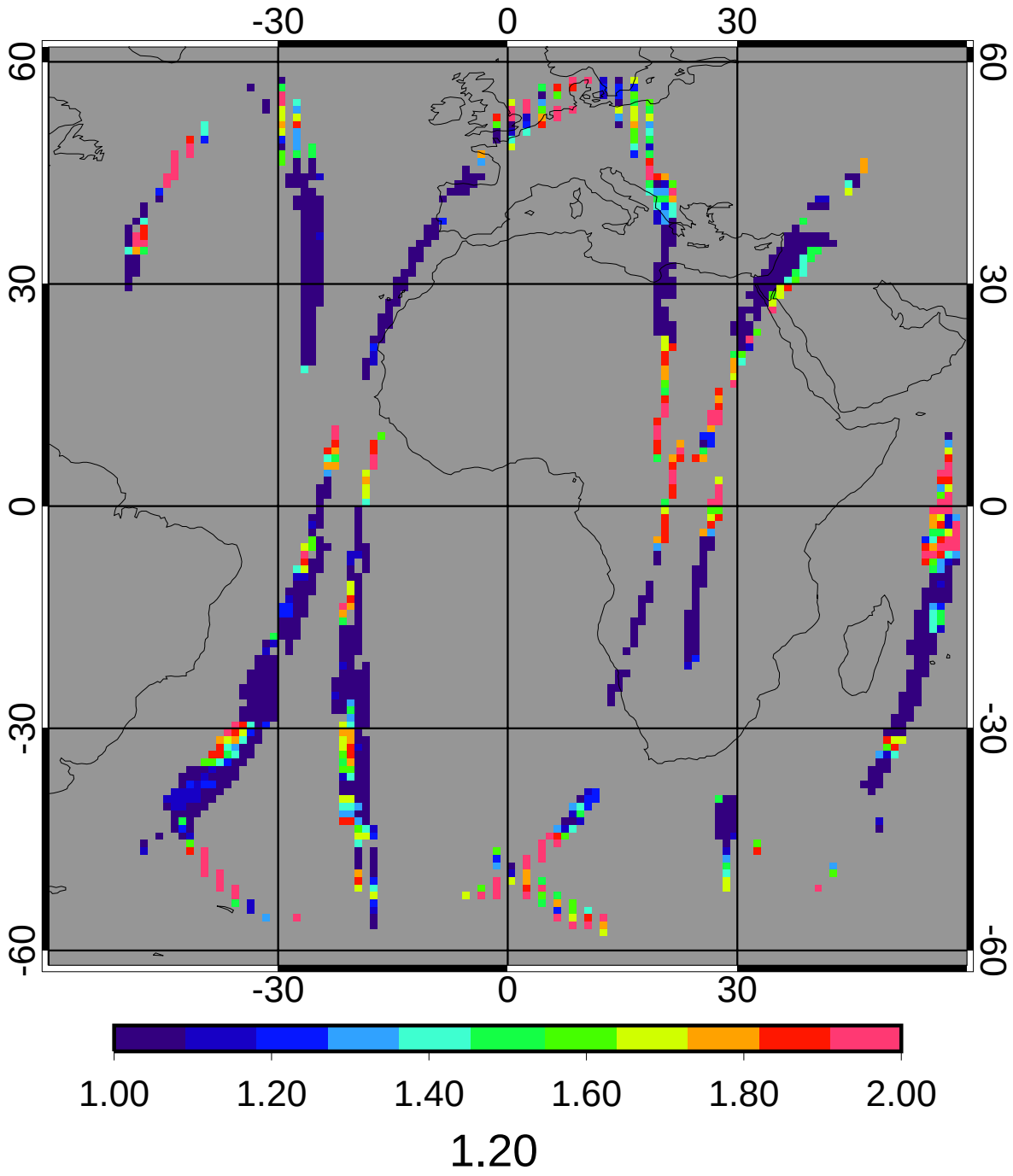
GGEO MEAN Nighttime Cloud Phase

5ch_39cal Jul 2010 (matched angle)



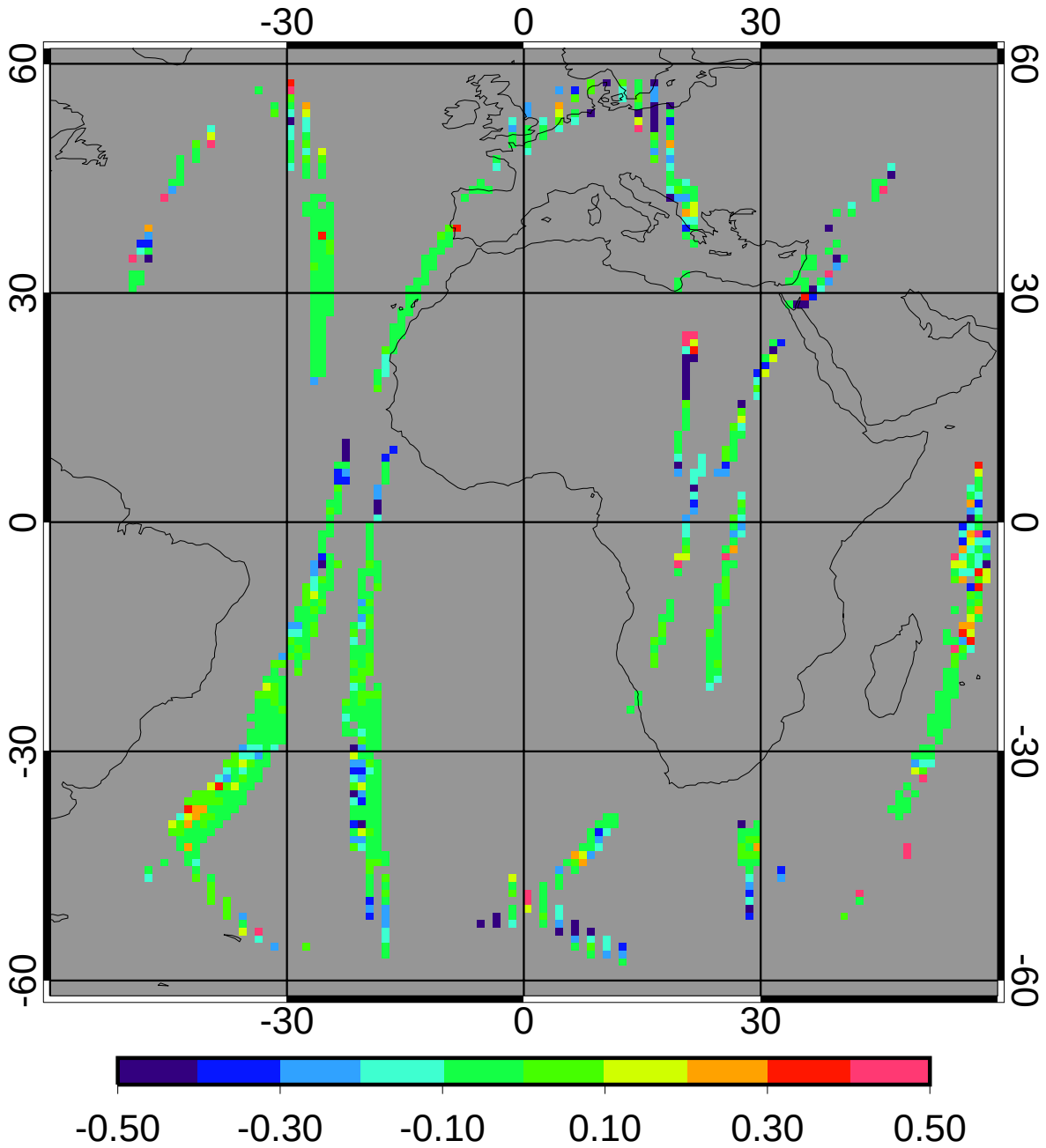
CERES/Aqua MEAN Nighttime Cloud Phase

5ch_39cal Jul 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

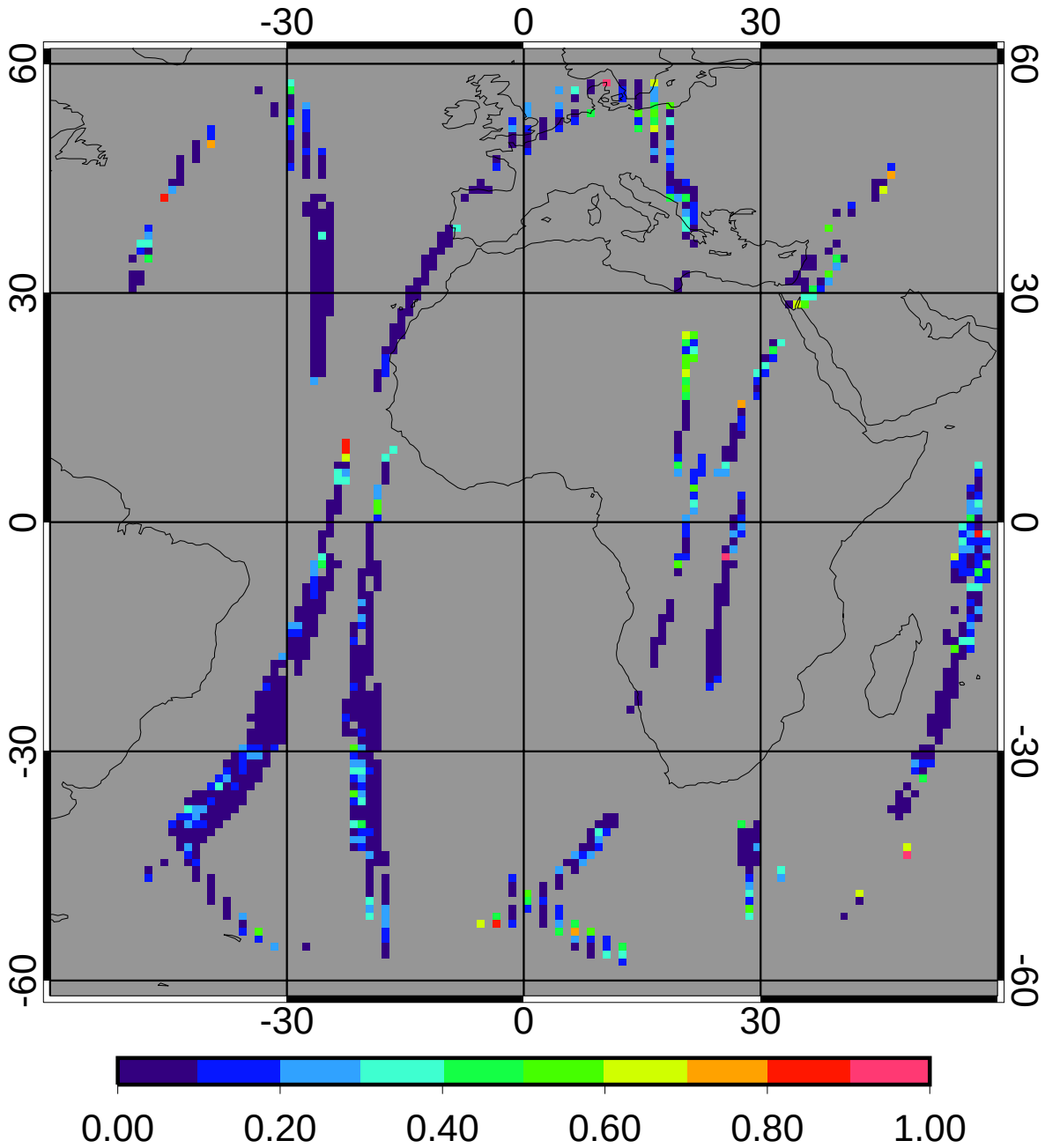
5ch_39cal Jul 2010 (matched angle)



bias	-0.04	-2.95%
domain sigma	0.16	13.40%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

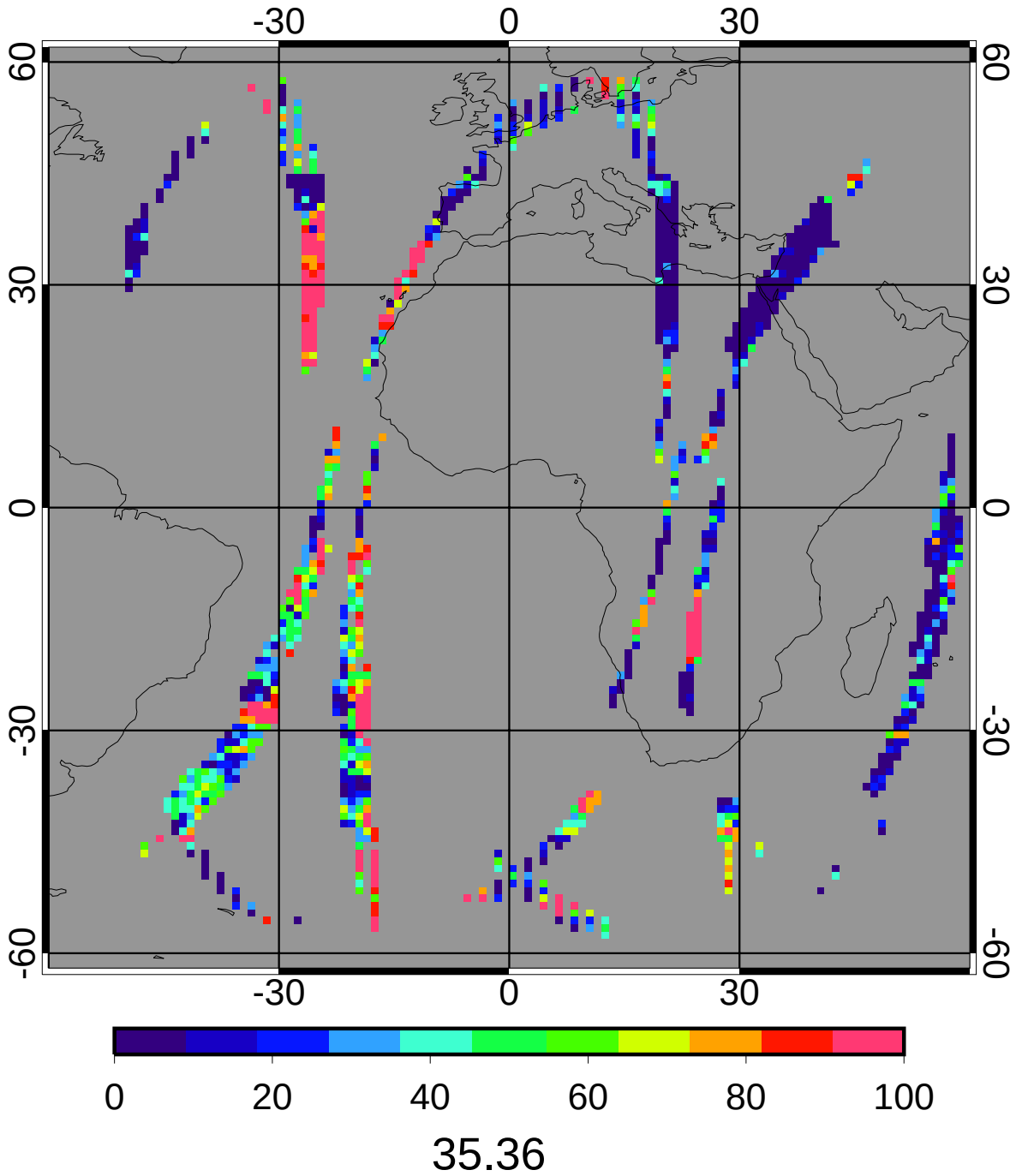
5ch_39cal Jul 2010 (matched angle)



regave rms	0.09	7.54%
domain rms	0.18	14.86%

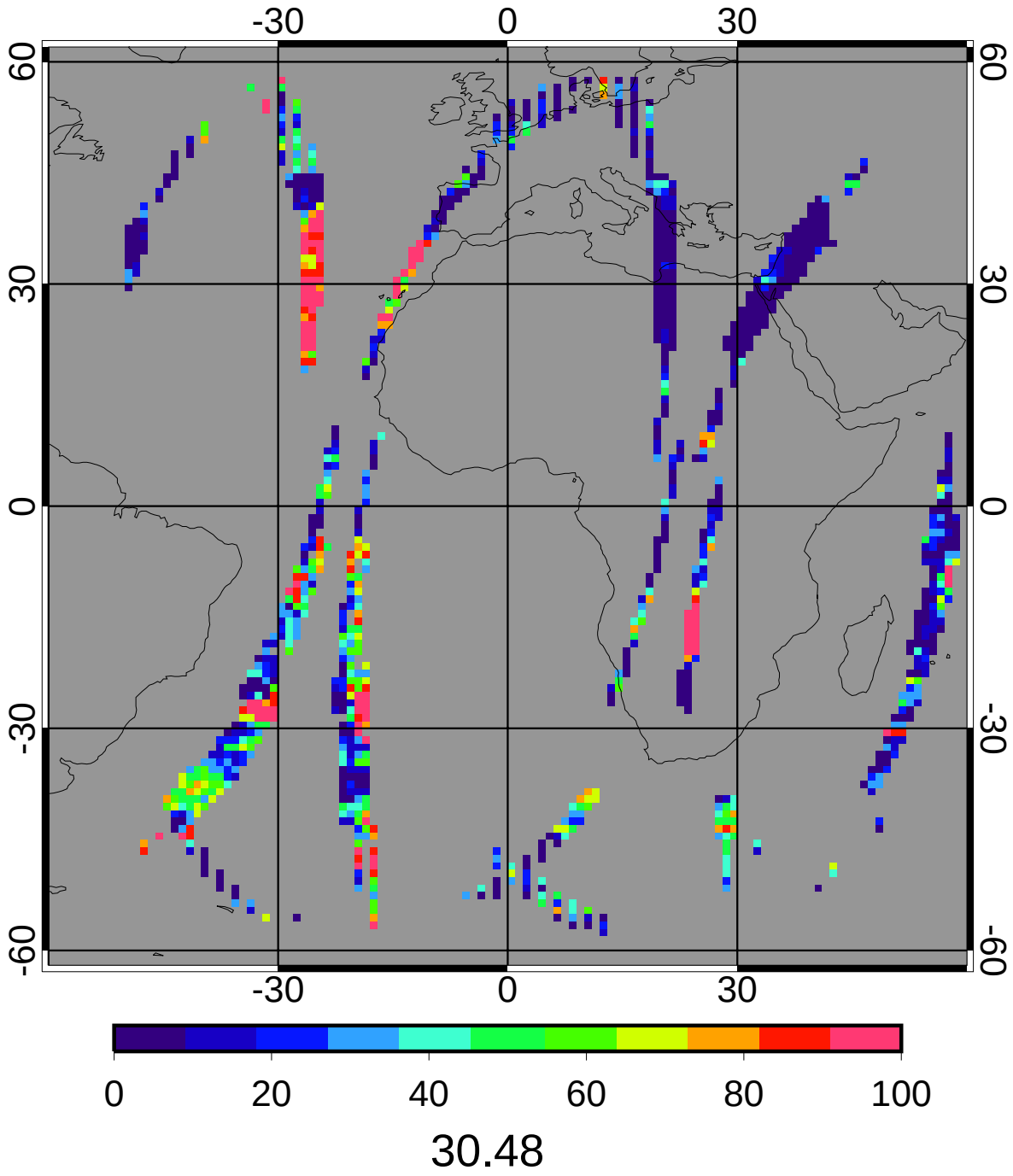
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Jul 2010 (matched angle)



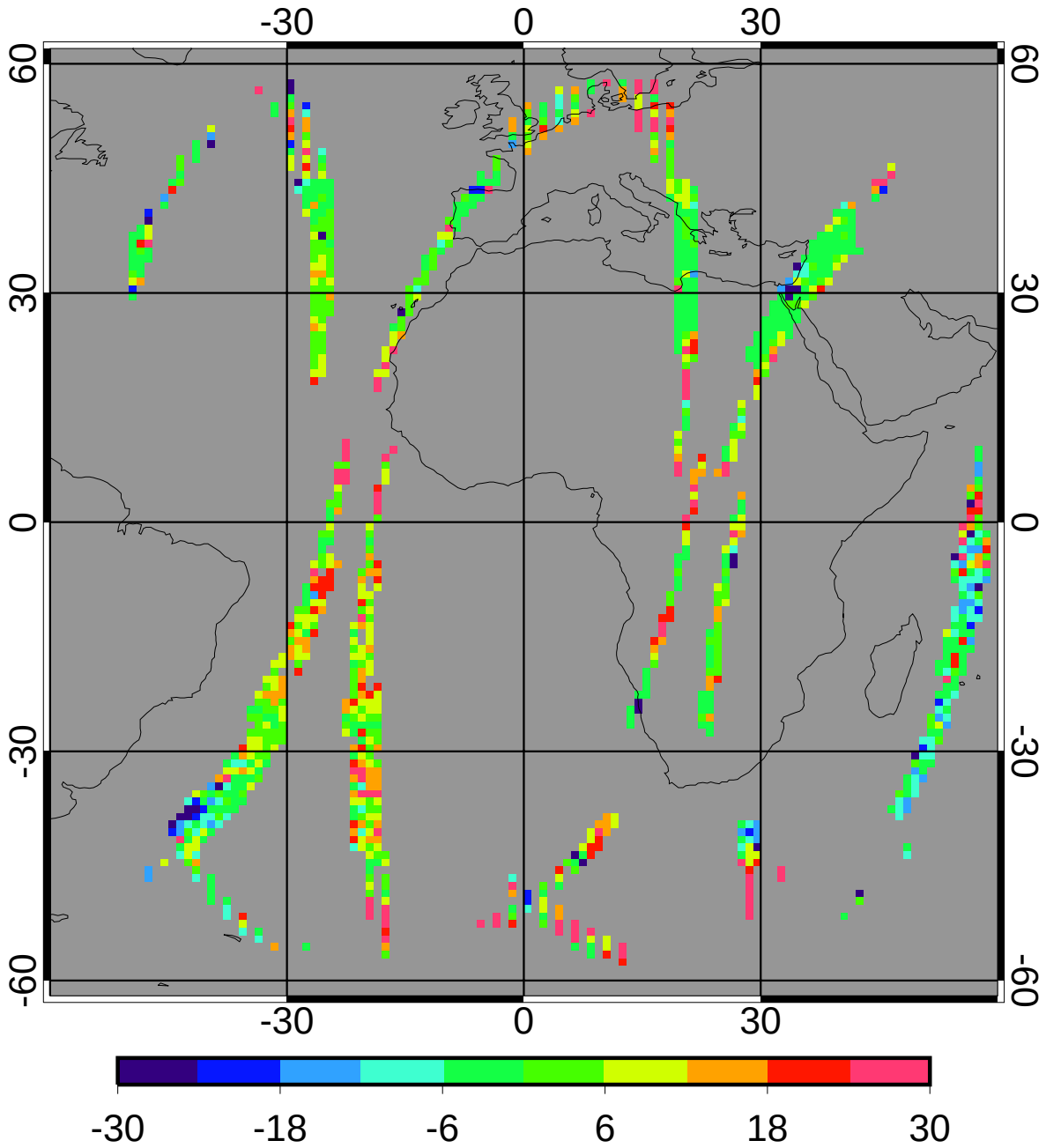
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Jul 2010 (matched angle)



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

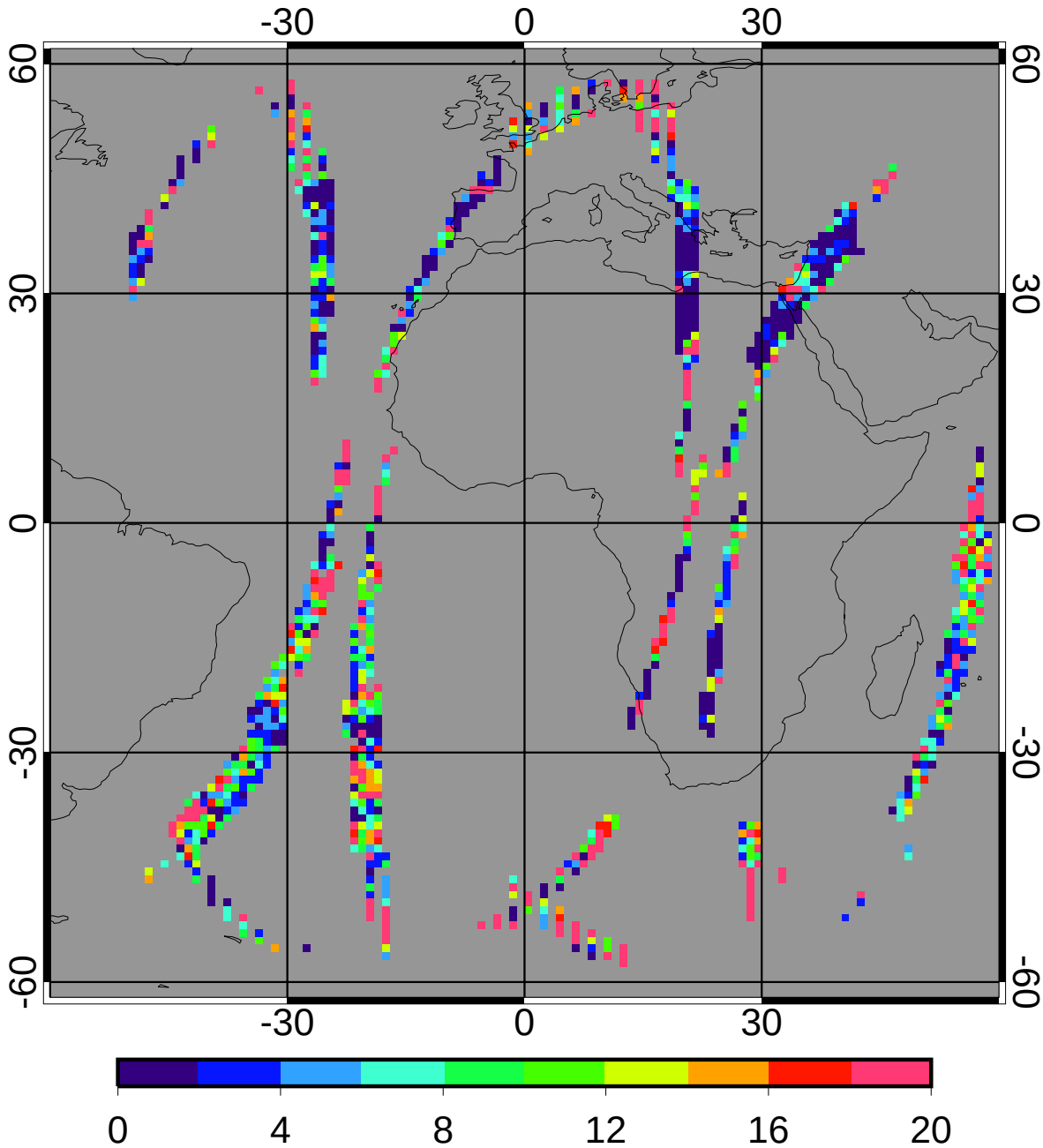
5ch_39cal Jul 2010 (matched angle)



bias	4.88	16.00%
domain sigma	12.90	42.33%

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

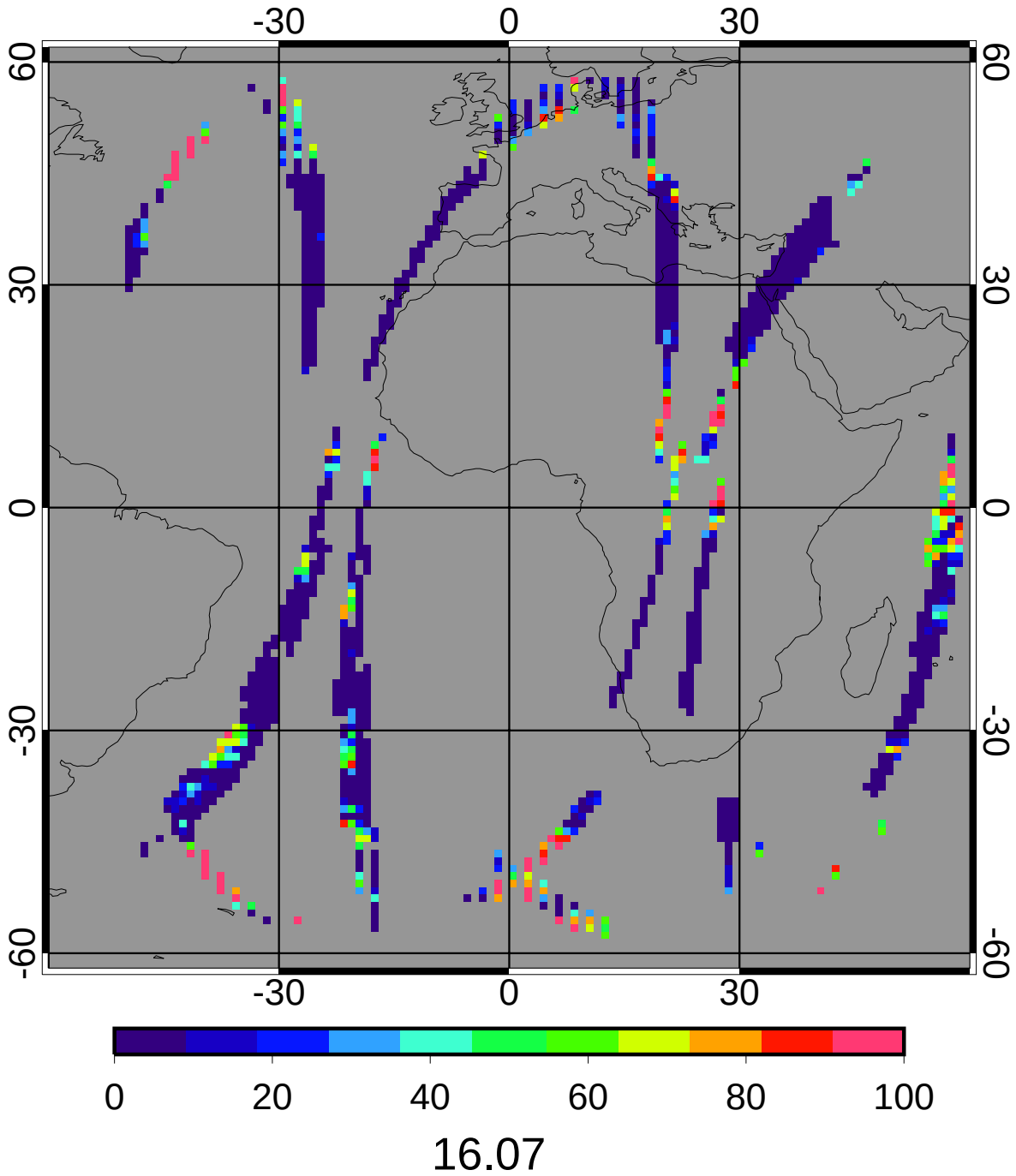
5ch_39cal Jul 2010 (matched angle)



regave rms	10.43	34.20%
domain rms	14.79	48.52%

GGEO MEAN Nighttime Ice Cld Amt (%)

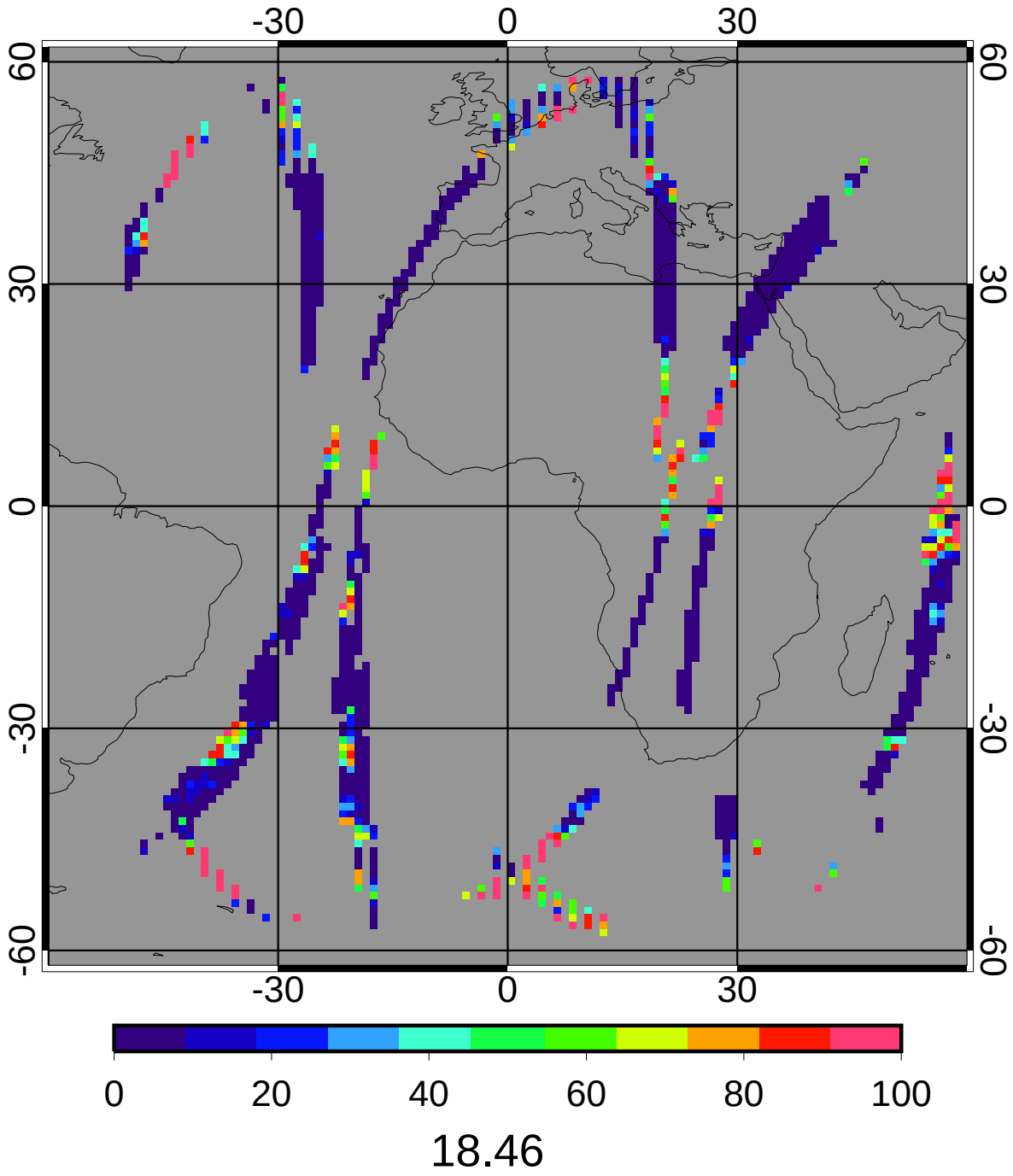
5ch_39cal Jul 2010 (matched angle)



16.07

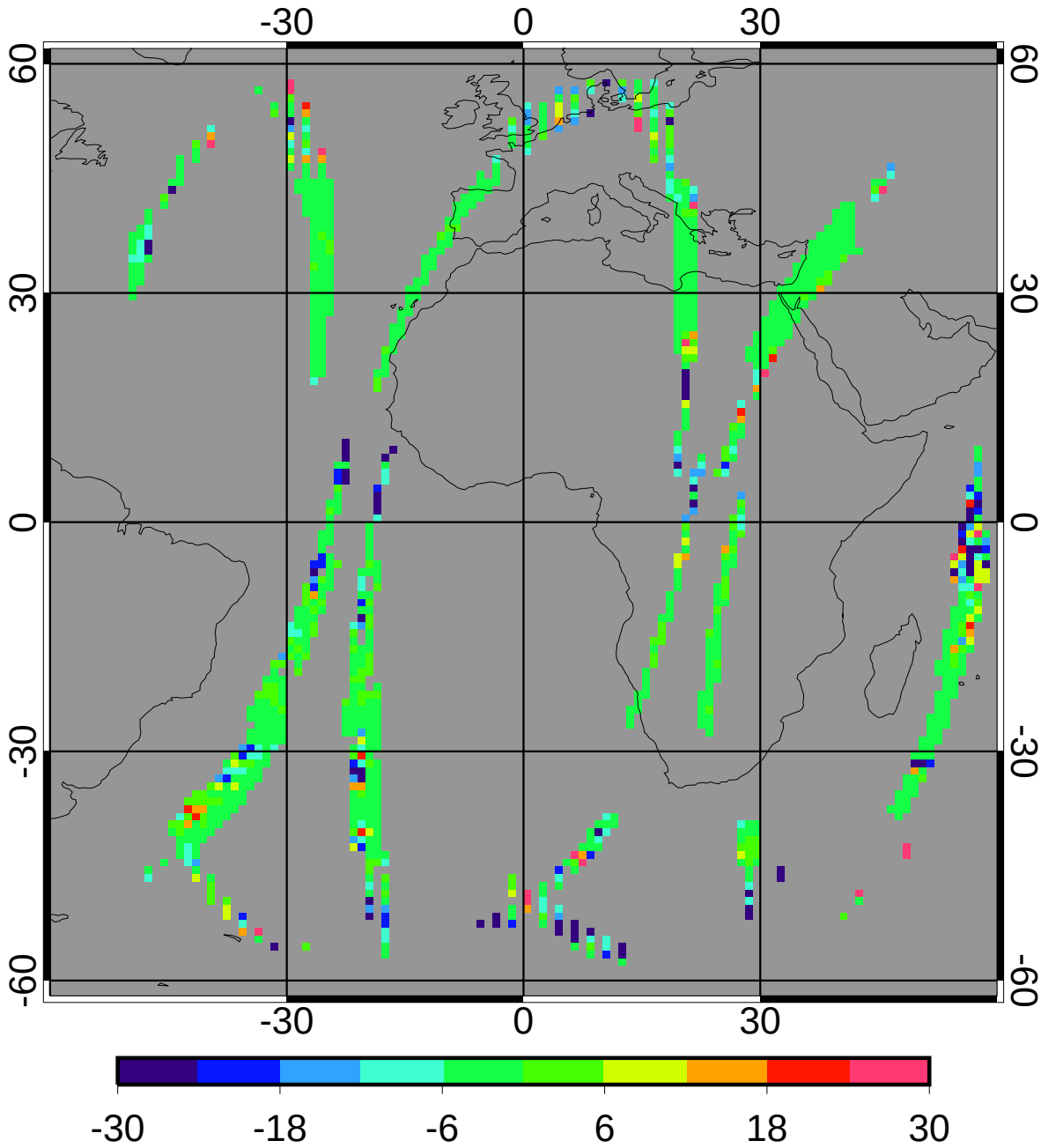
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Jul 2010 (matched angle)



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

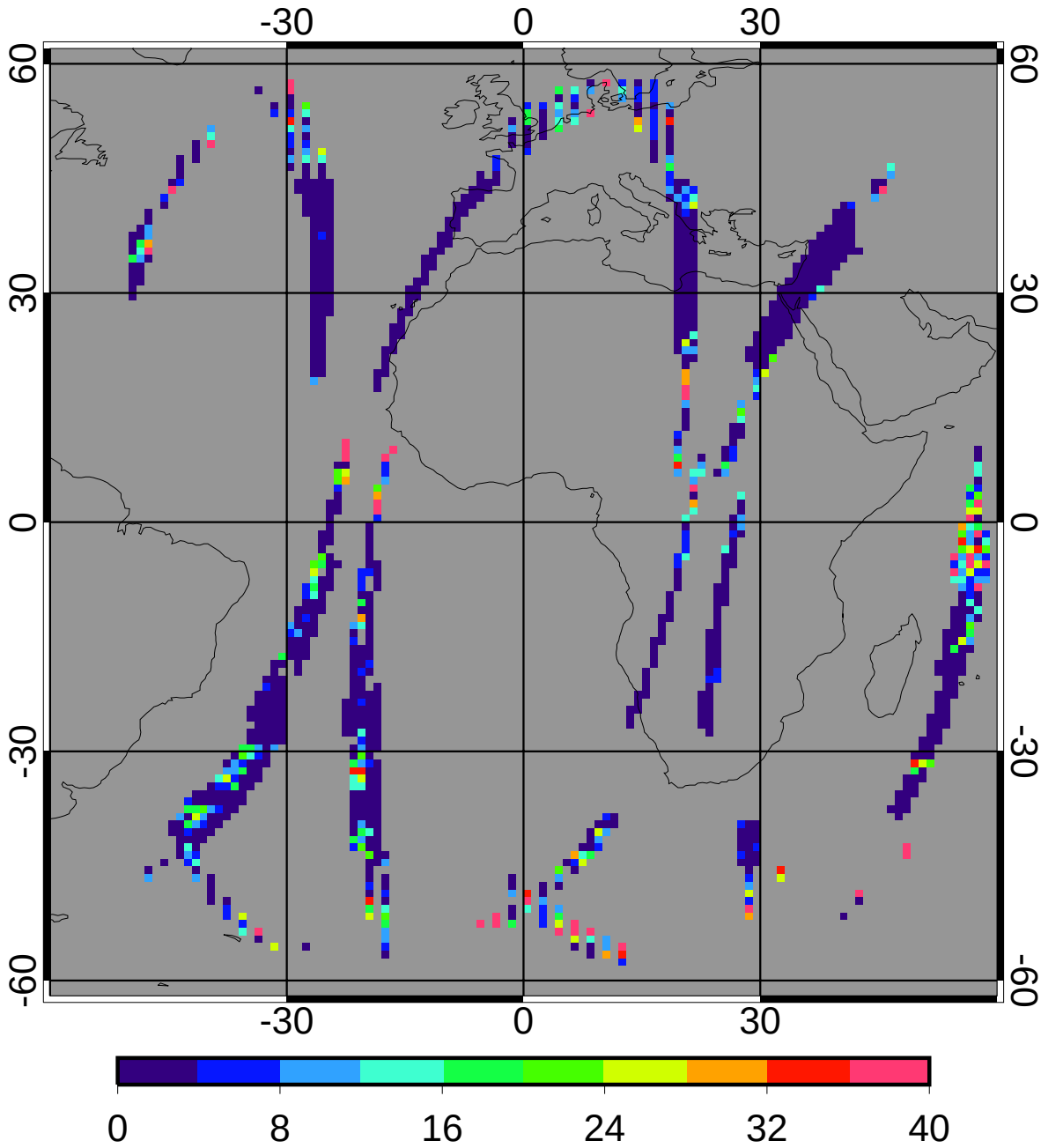
5ch_39cal Jul 2010 (matched angle)



bias	-2.39	-12.94%
domain sigma	10.00	54.18%

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

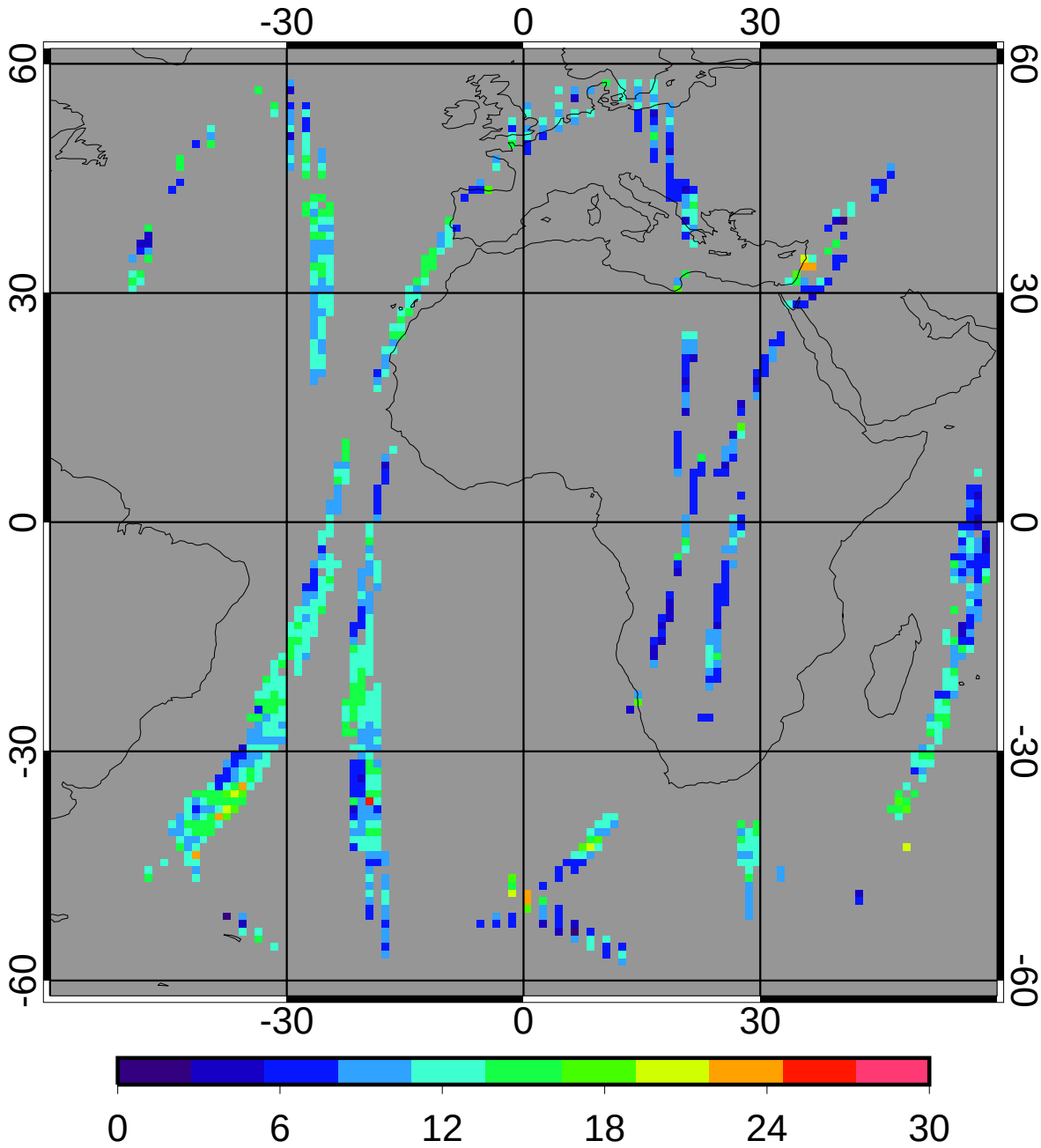
5ch_39cal Jul 2010 (matched angle)



regave rms	5.74	31.09%
domain rms	11.36	61.56%

GGEO MEAN Nighttime Liquid Particle Size (microns)

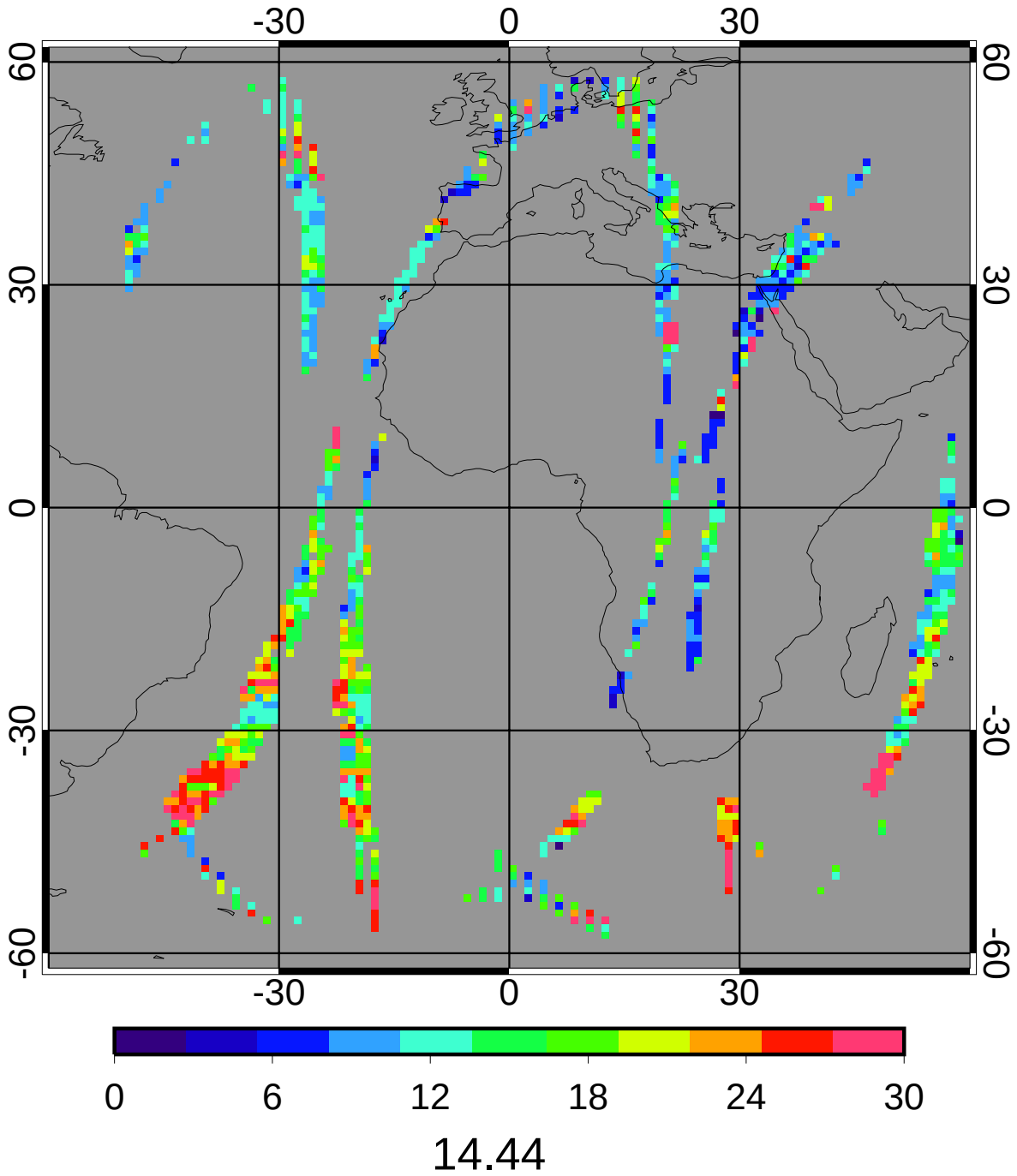
5ch_39cal Jul 2010 (matched angle)



8.56

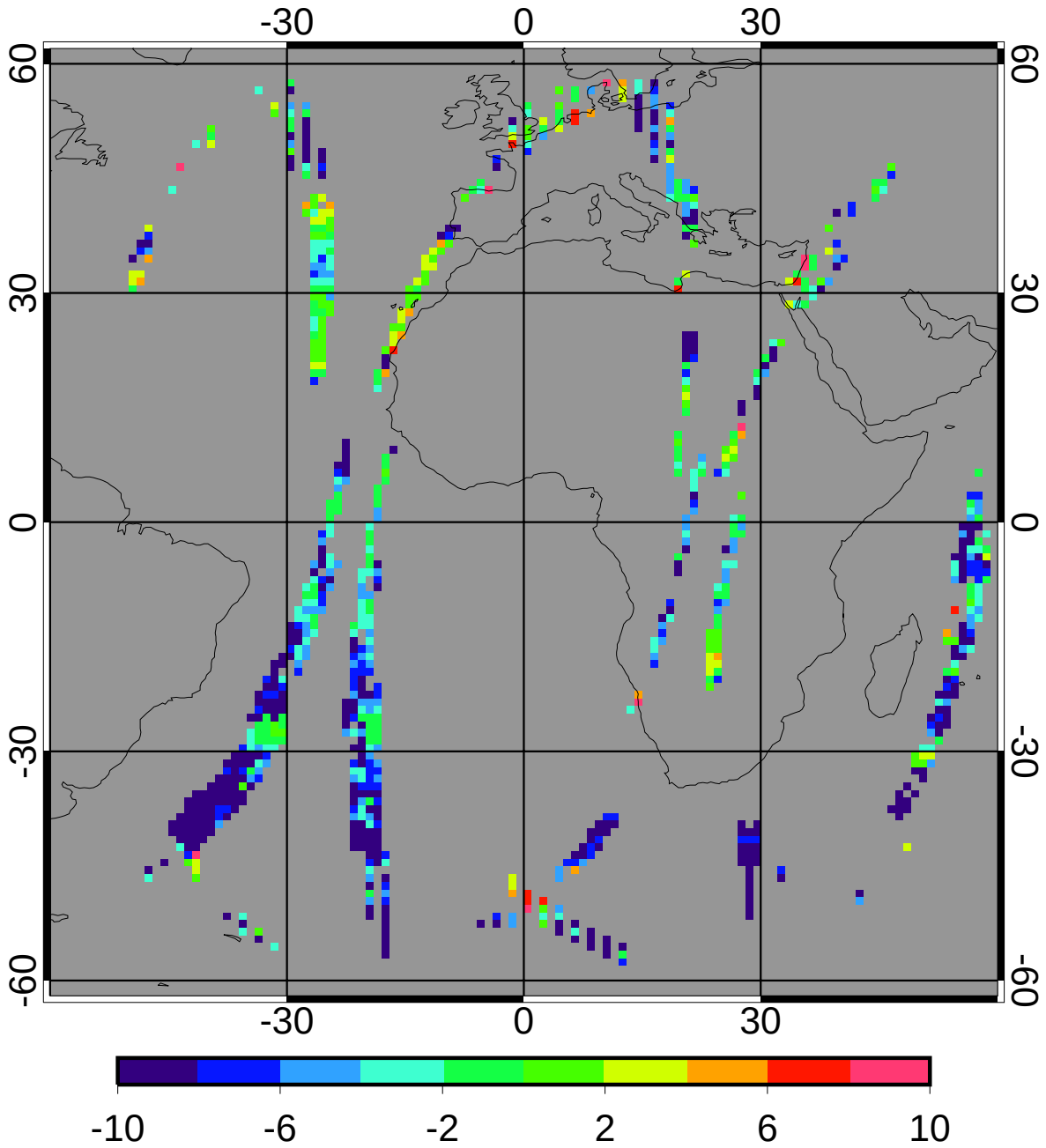
CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

5ch_39cal Jul 2010 (matched angle)



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

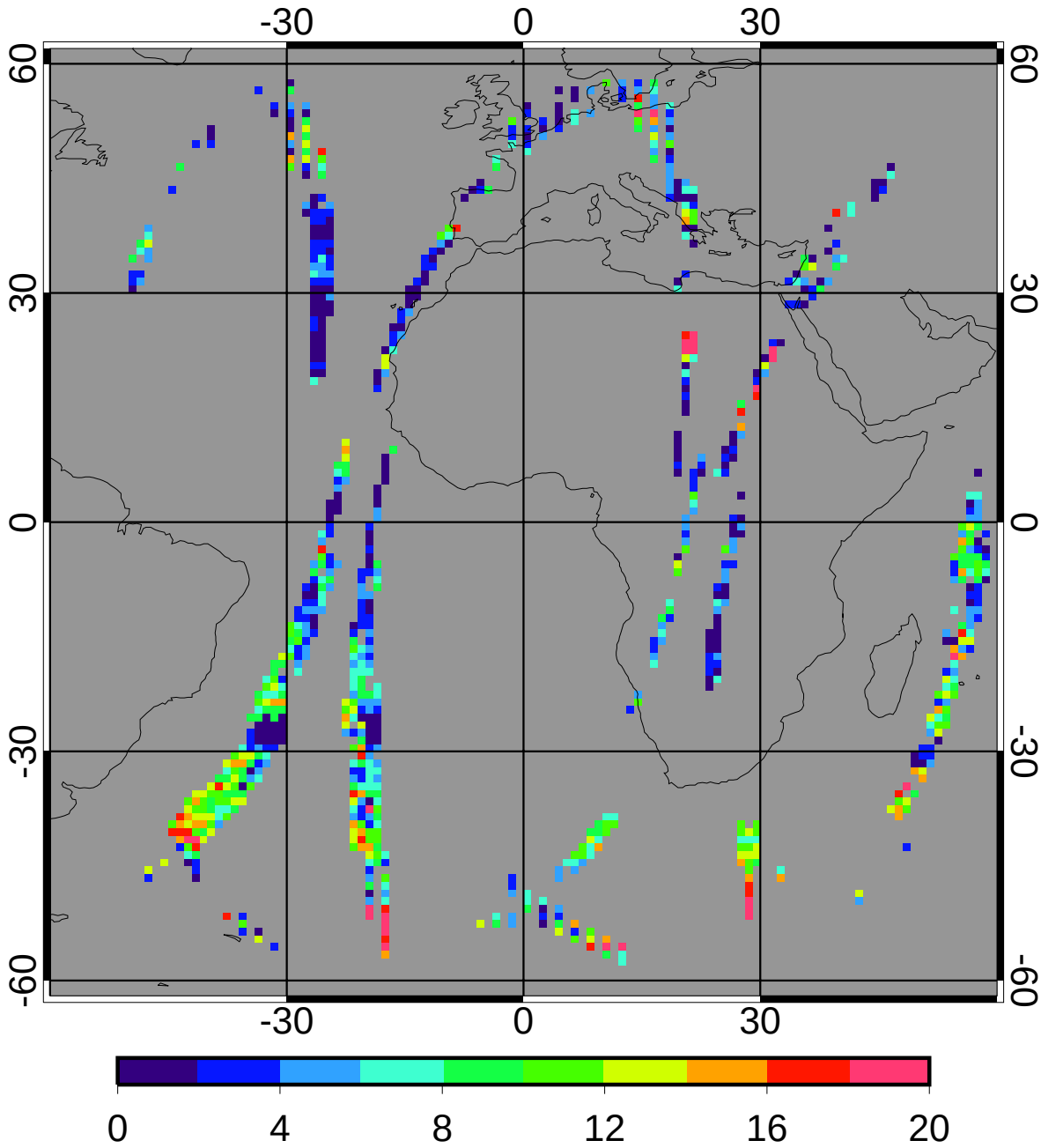
5ch_39cal Jul 2010 (matched angle)



bias	-4.36	-30.19%
domain sigma	4.88	33.77%

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

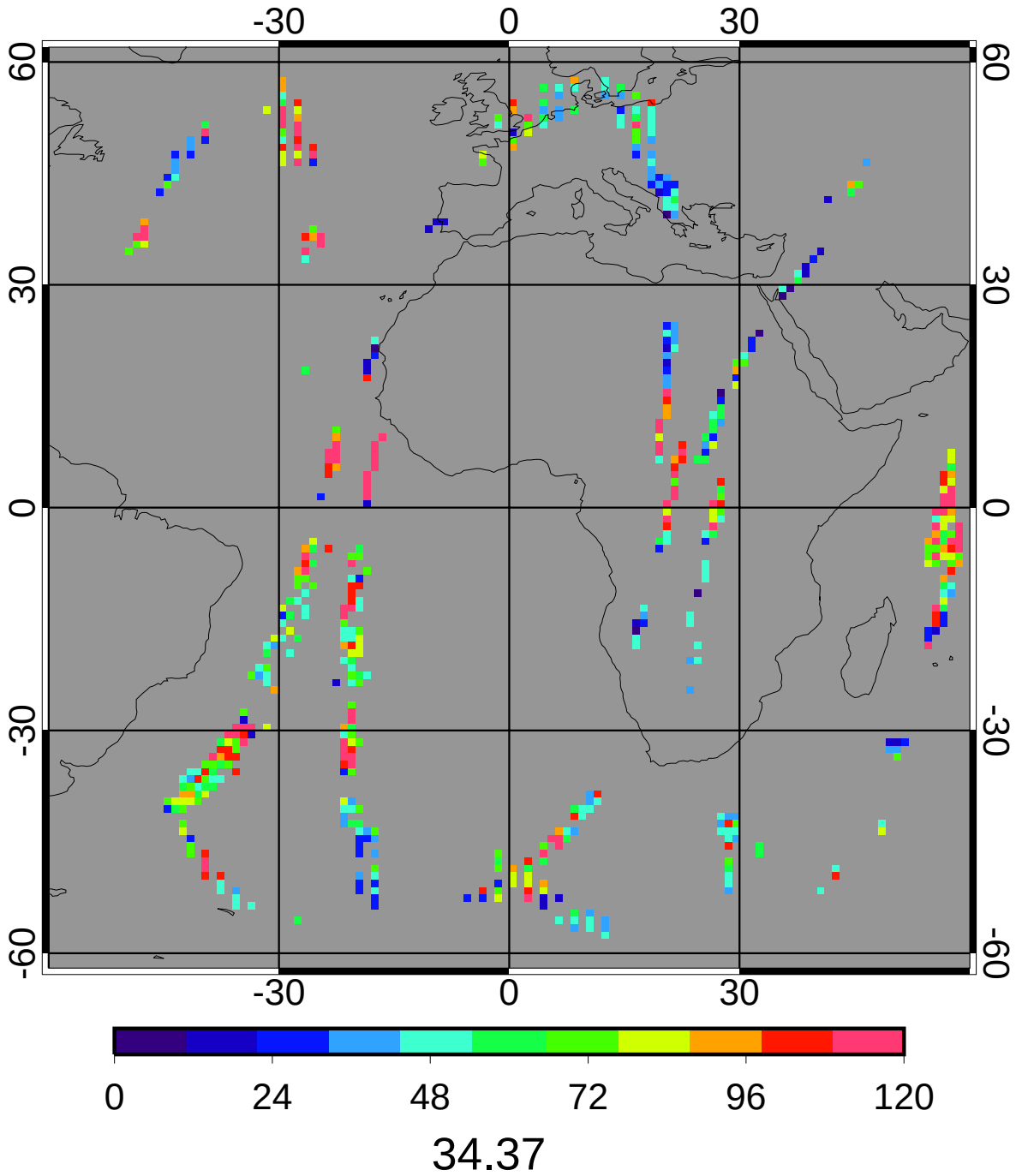
5ch_39cal Jul 2010 (matched angle)



regave rms	5.14	35.59%
domain rms	7.56	52.38%

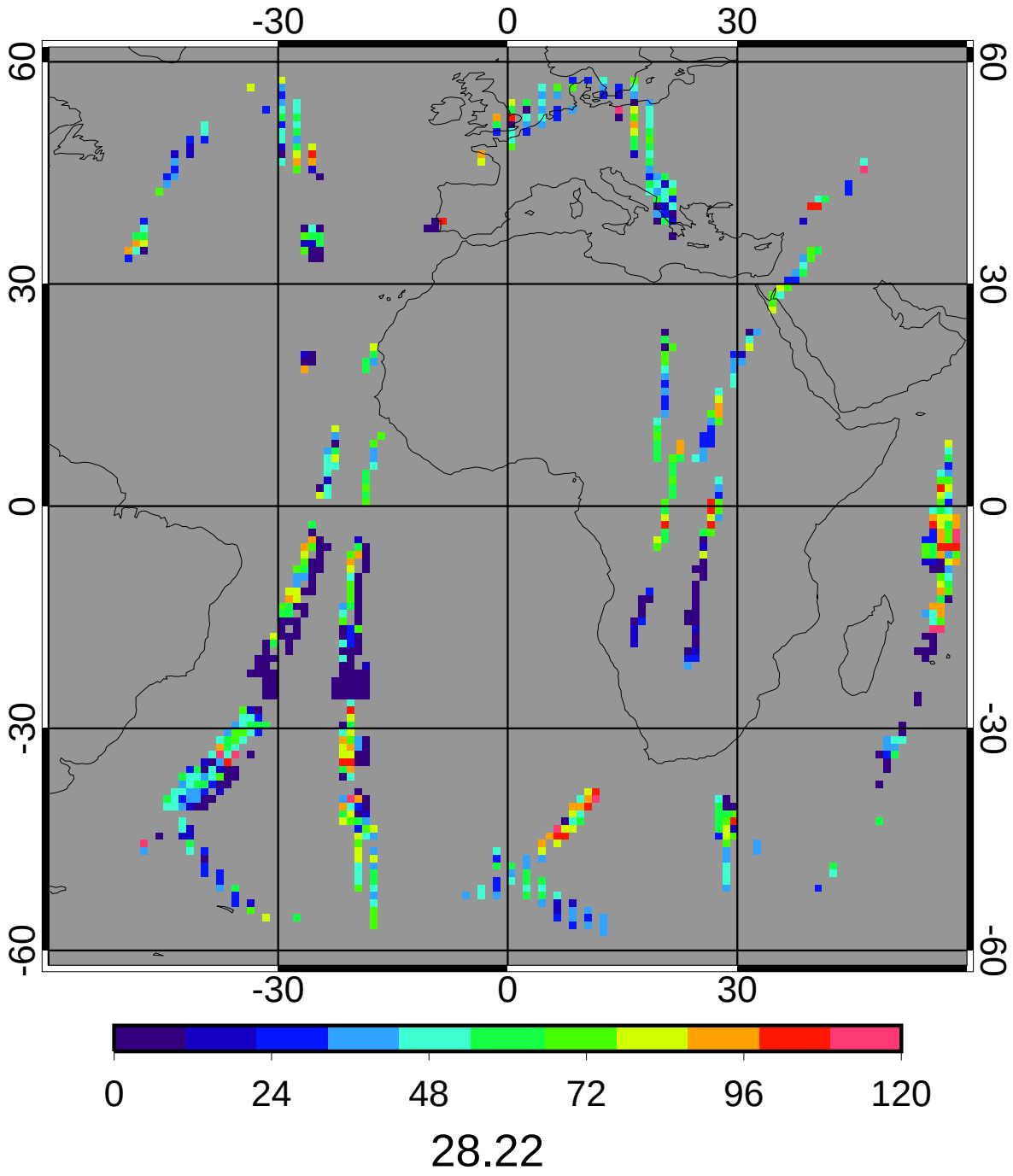
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Jul 2010 (matched angle)



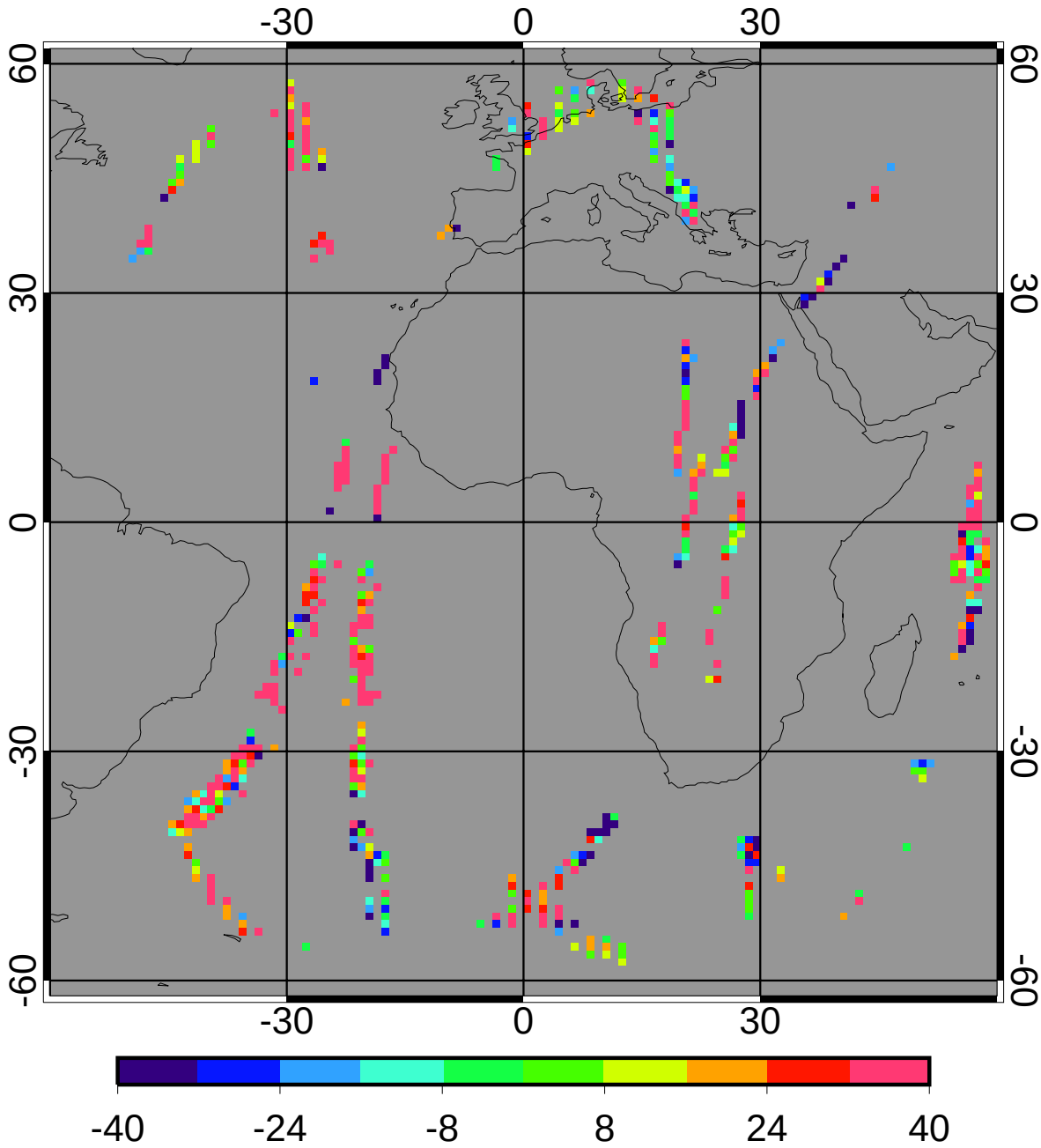
CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Jul 2010 (matched angle)



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

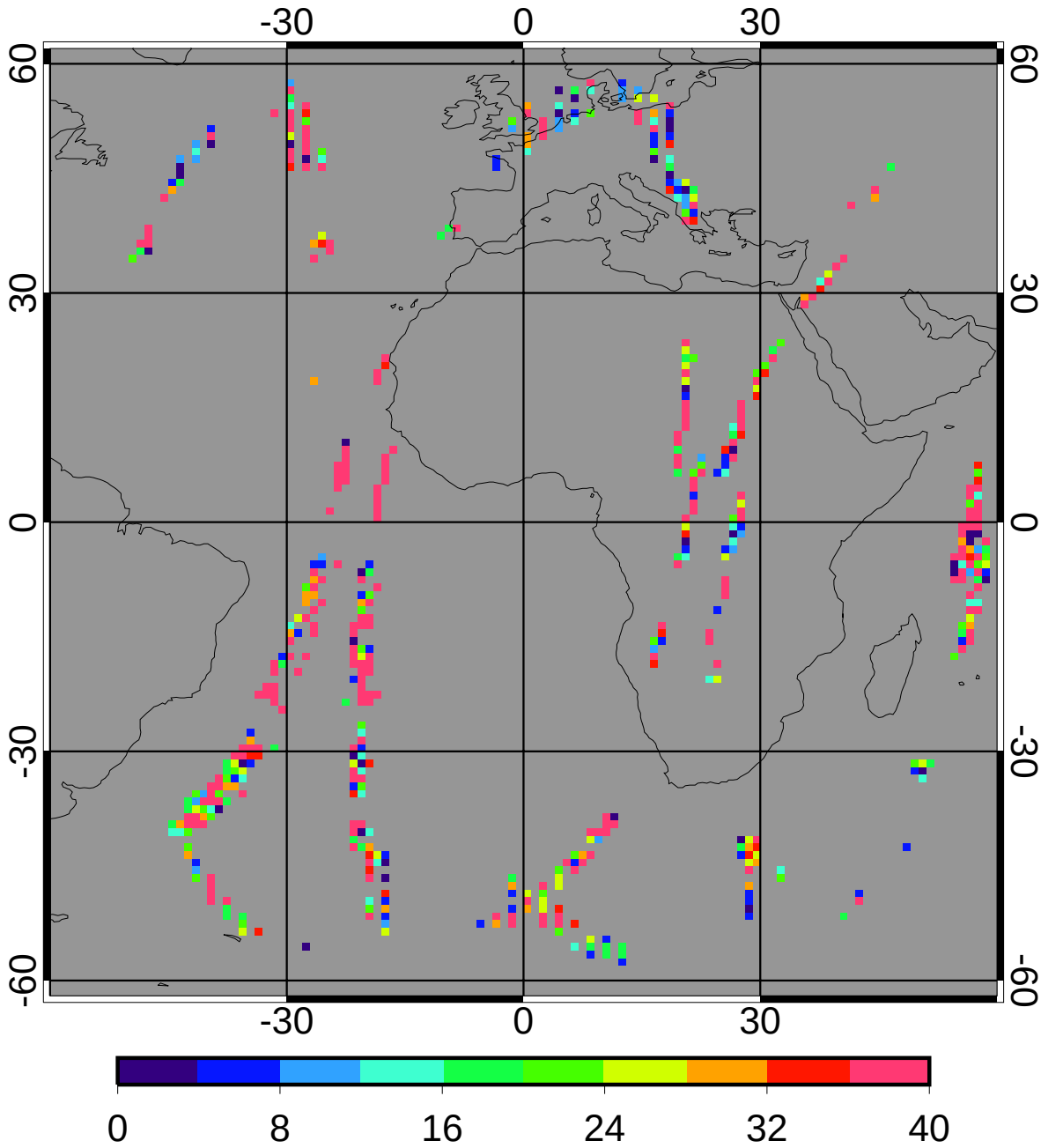
5ch_39cal Jul 2010 (matched angle)



bias	9.17	32.49%
domain sigma	32.79	116.18%

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

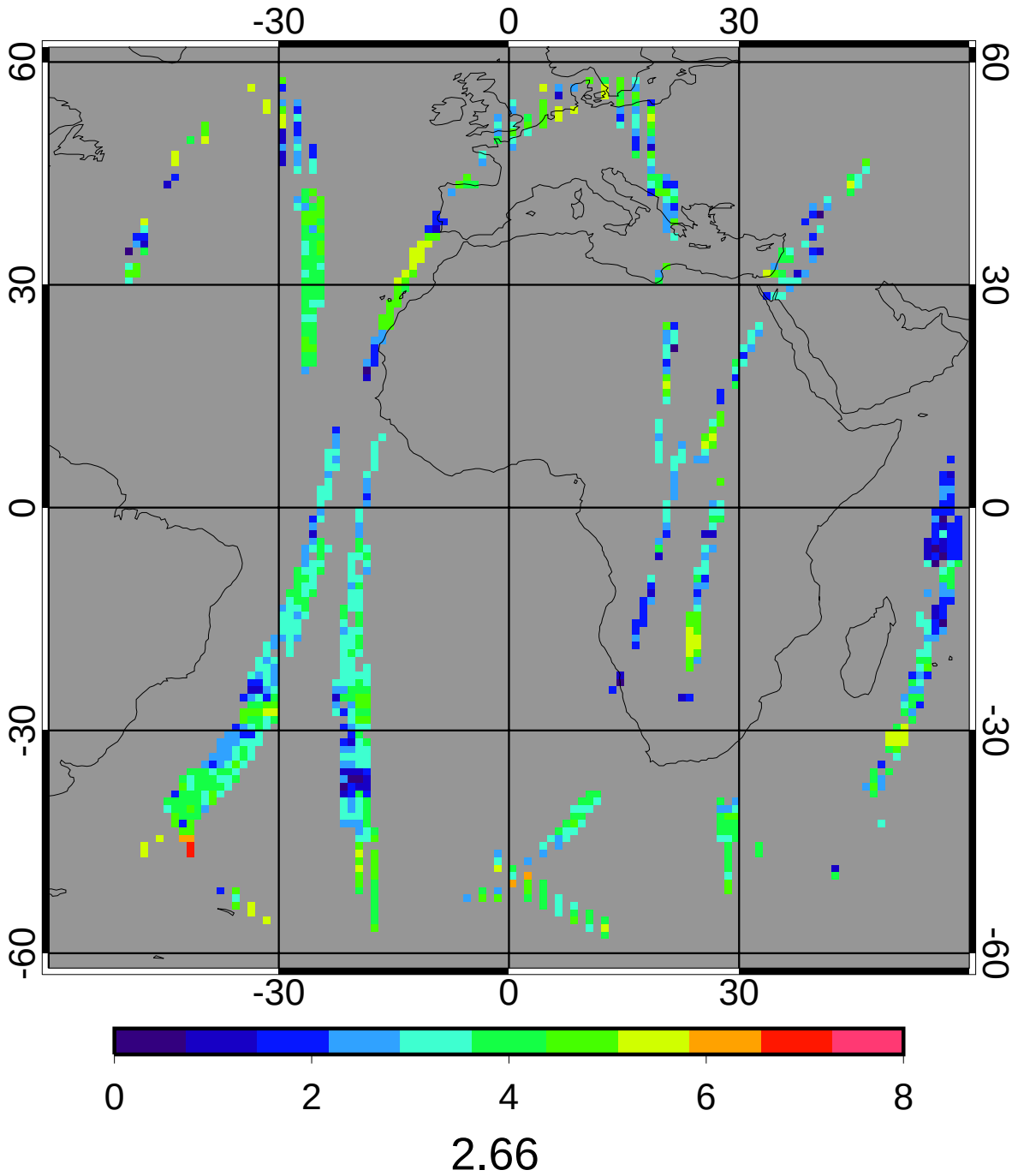
5ch_39cal Jul 2010 (matched angle)



regave rms	16.59	58.79%
domain rms	38.63	136.89%

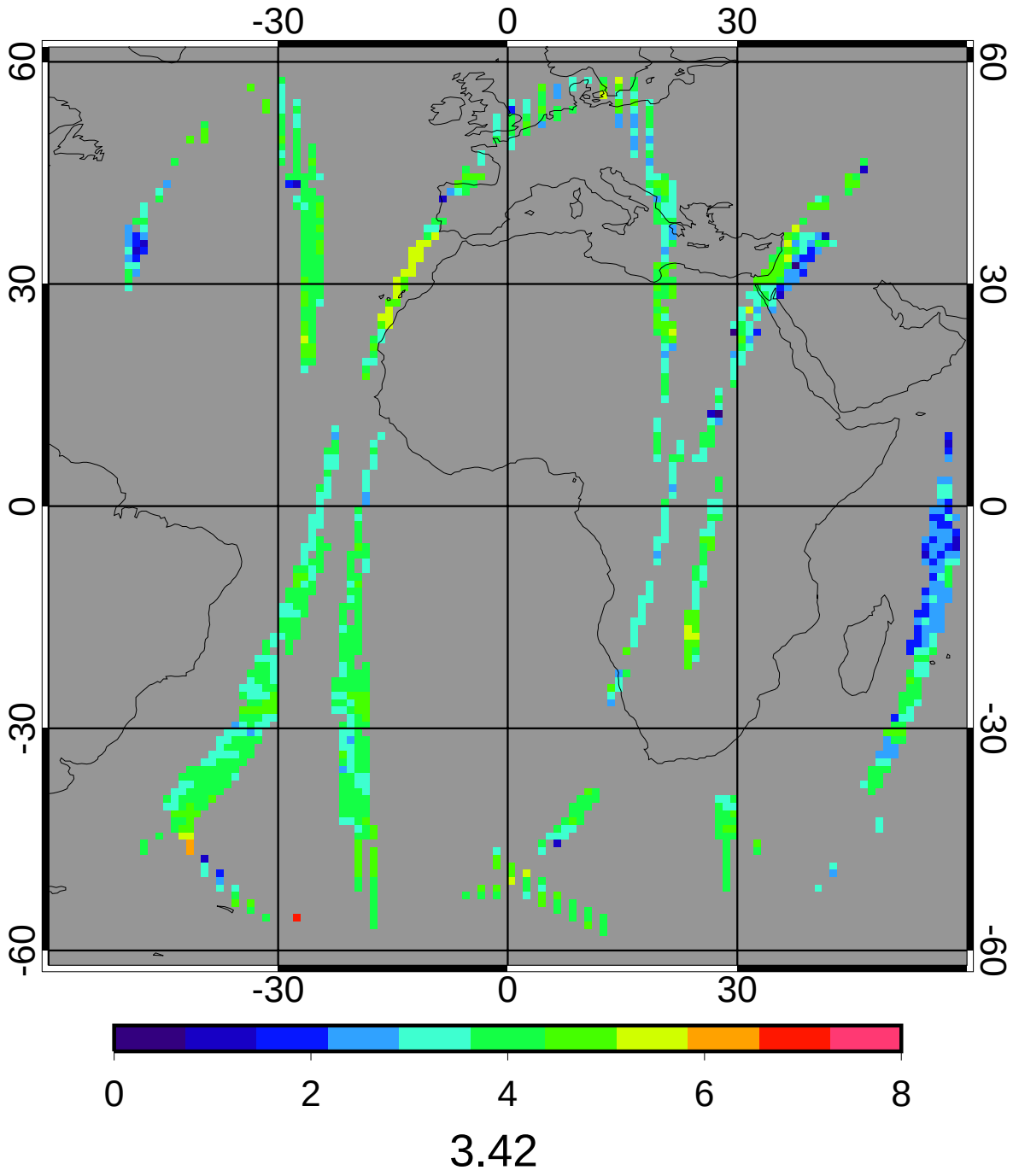
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Jul 2010 (matched angle)



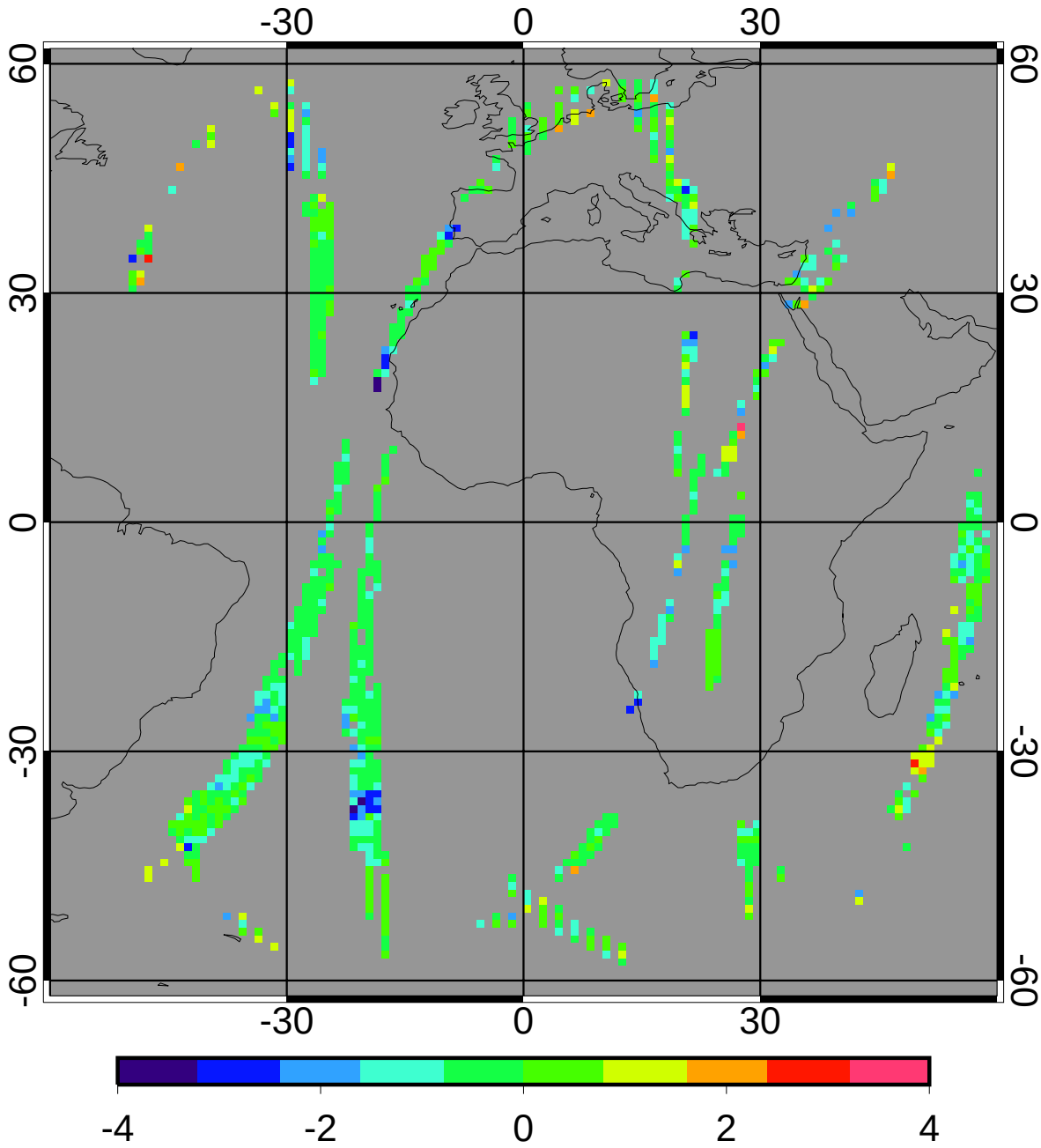
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Jul 2010 (matched angle)



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

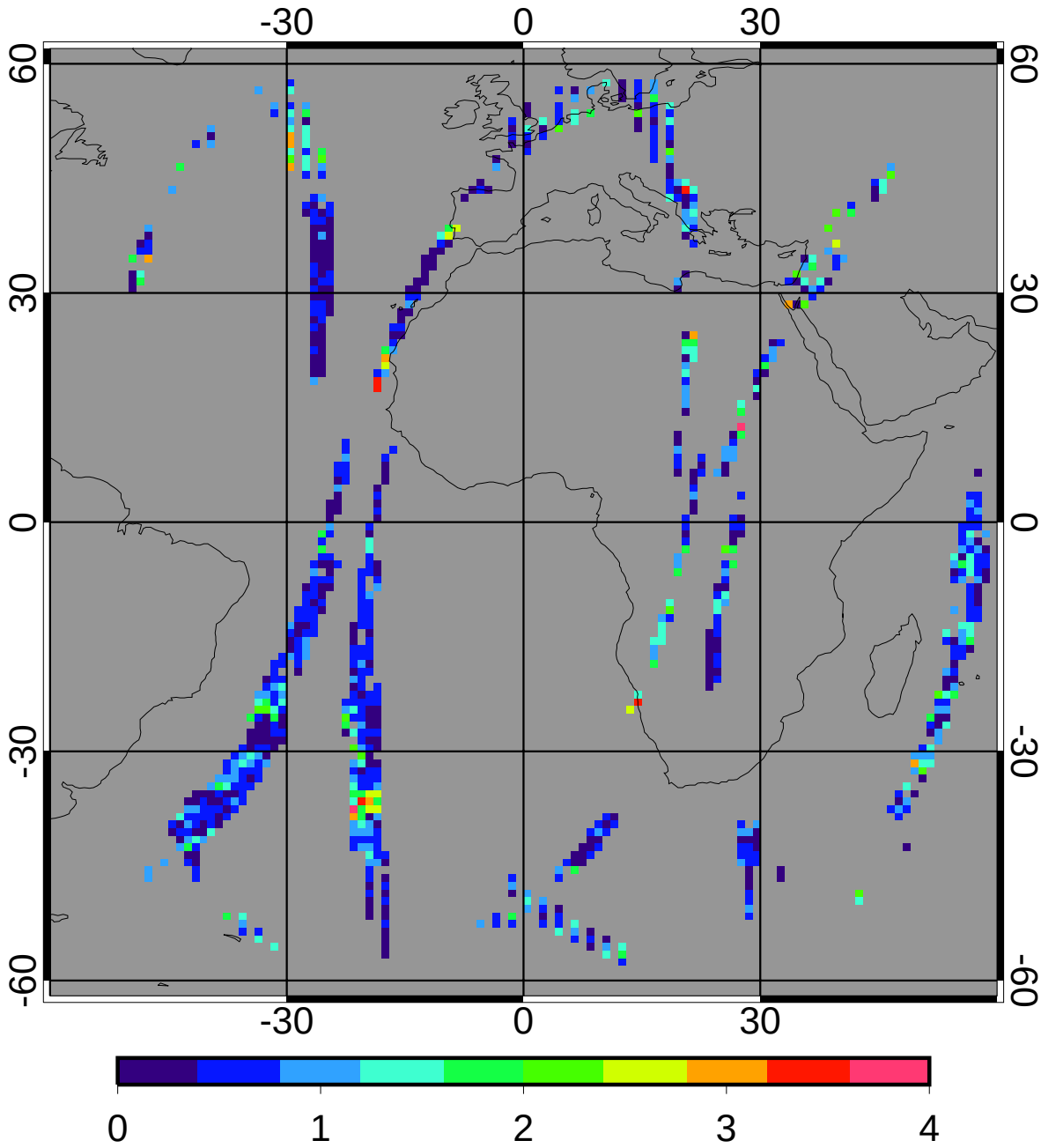
5ch_39cal Jul 2010 (matched angle)



bias	-0.34	-9.82%
domain sigma	0.72	21.16%

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

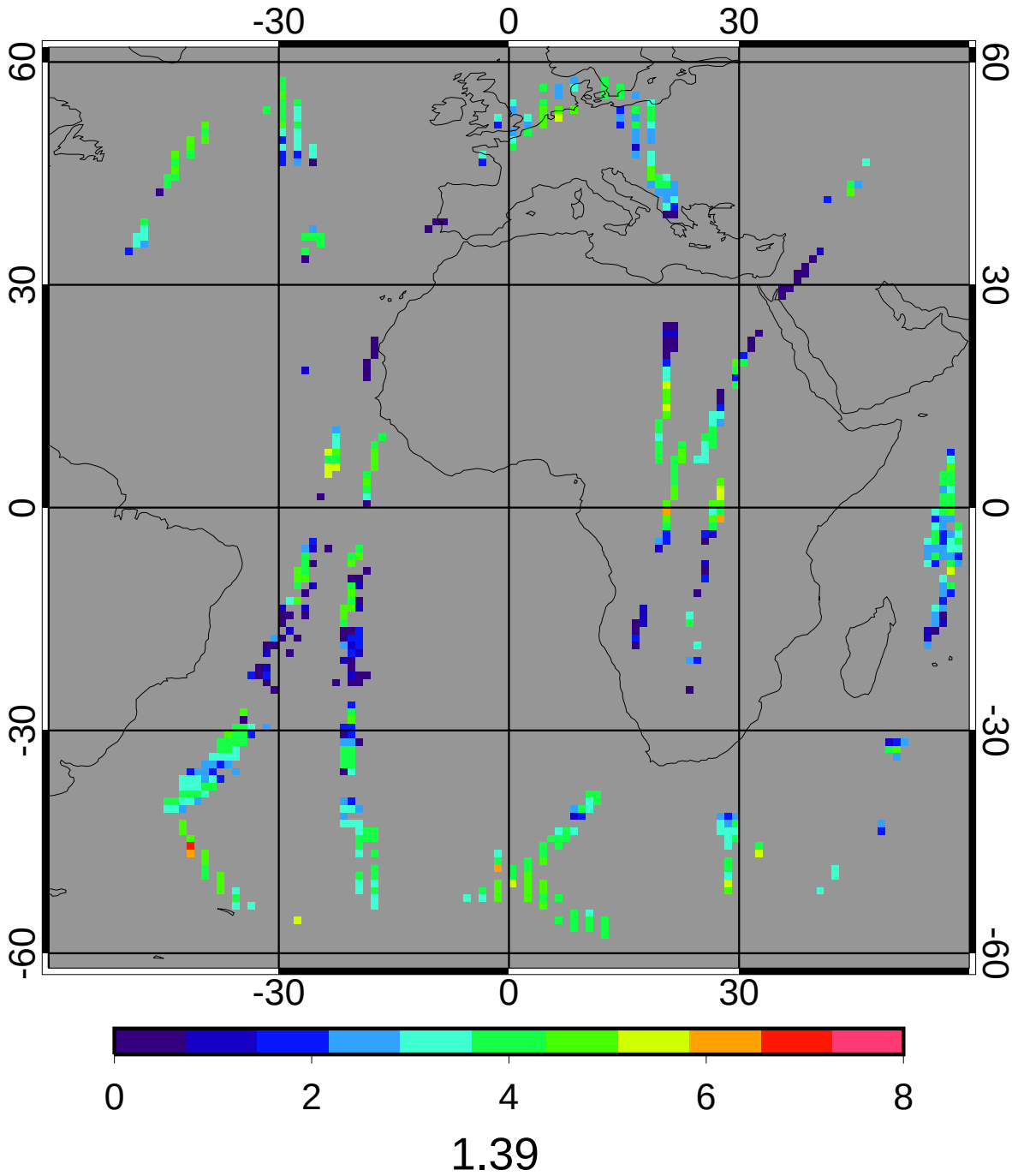
5ch_39cal Jul 2010 (matched angle)



regave rms	0.59	17.17%
domain rms	0.89	25.94%

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

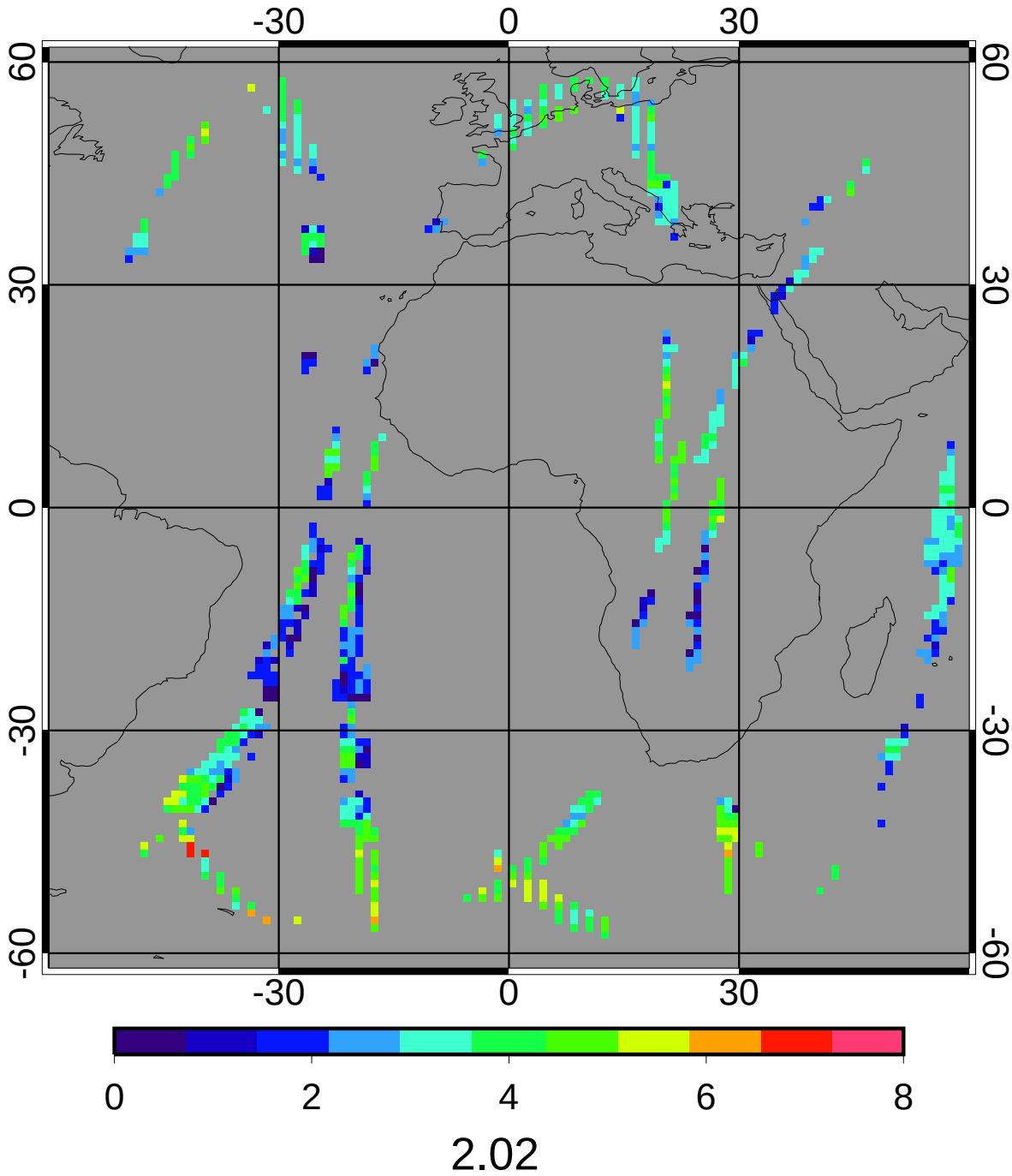
5ch_39cal Jul 2010 (matched angle)



1.39

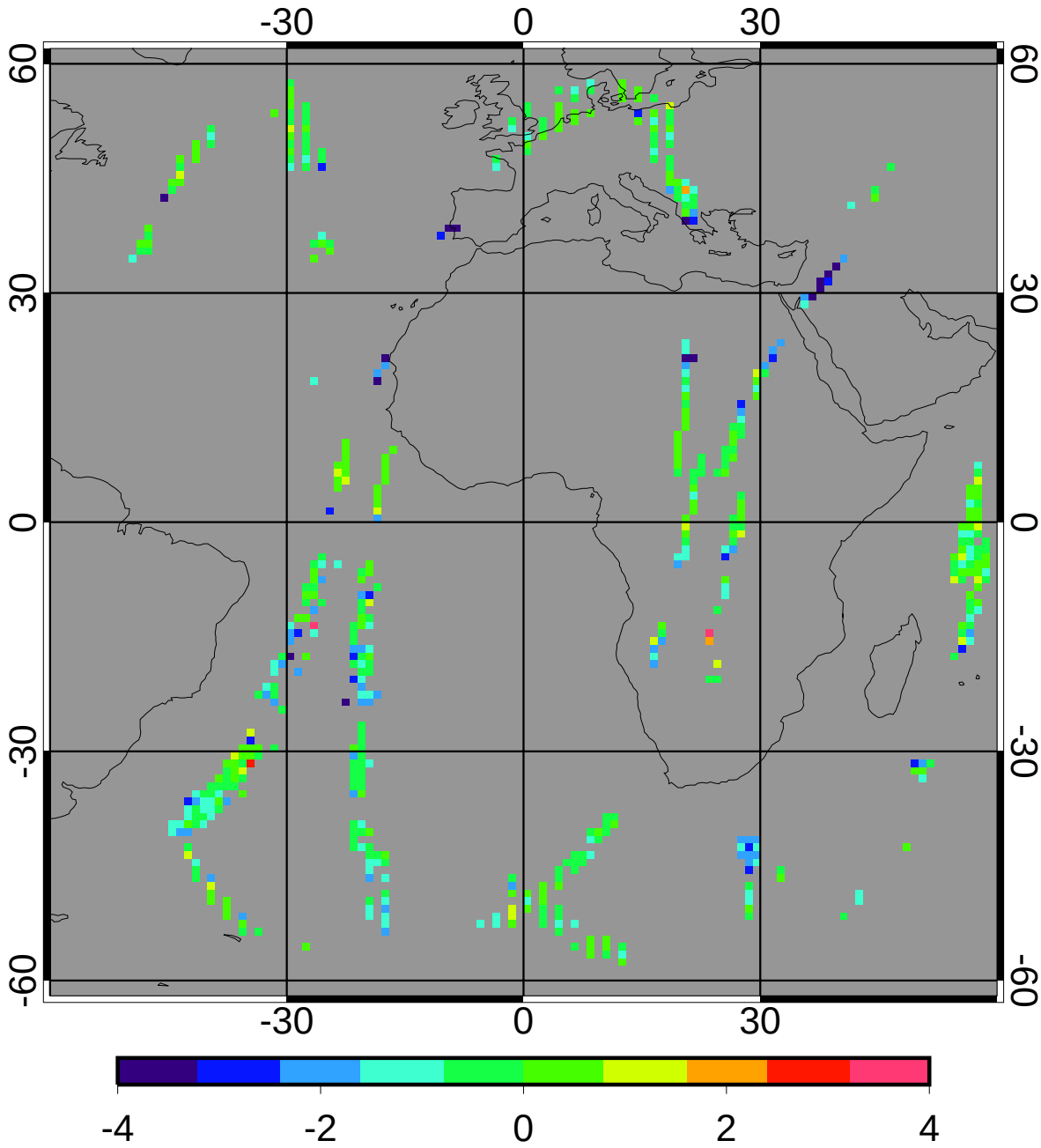
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Jul 2010 (matched angle)



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

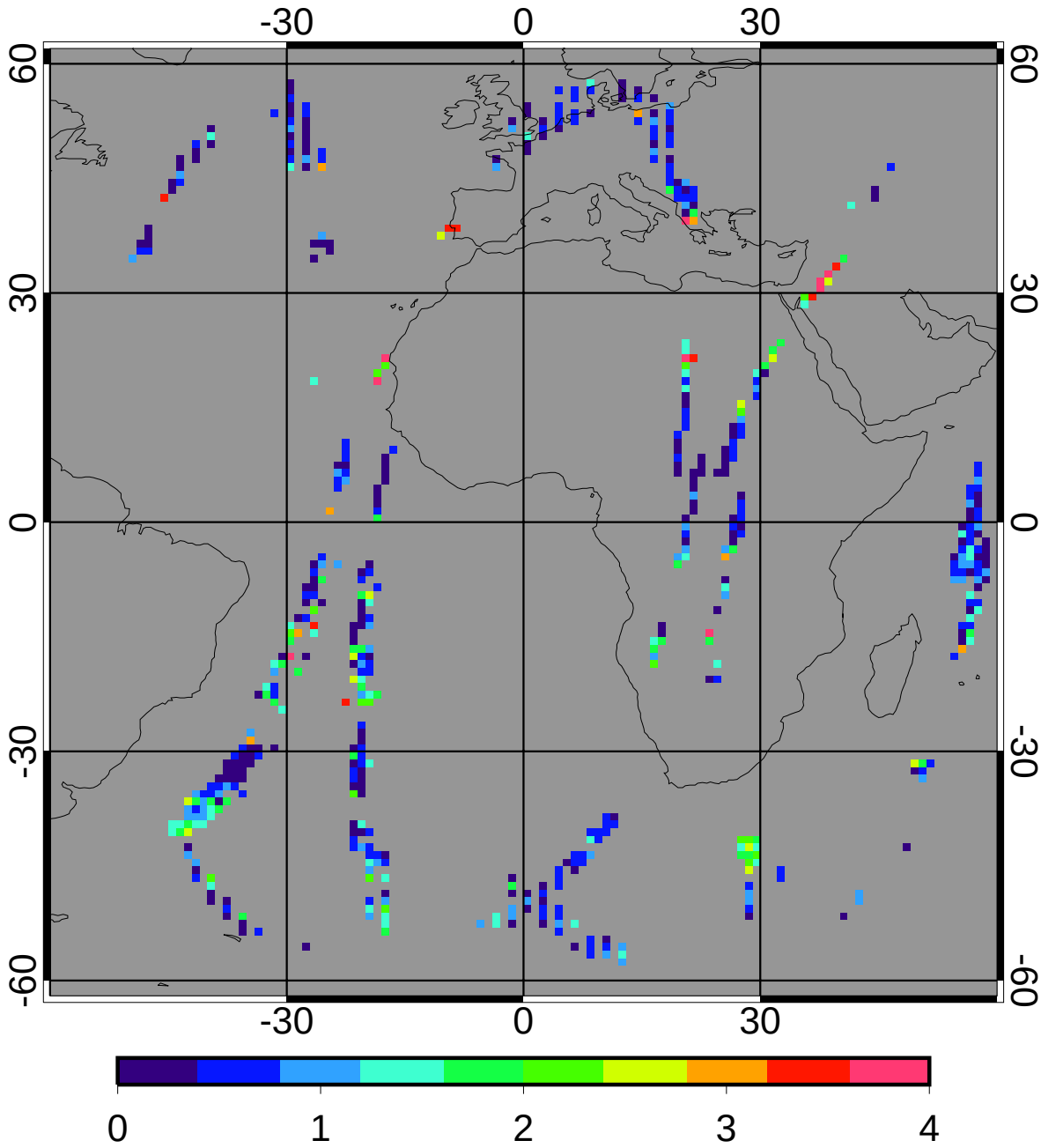
5ch_39cal Jul 2010 (matched angle)



bias	-0.26	-12.89%
domain sigma	0.97	47.91%

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

5ch_39cal Jul 2010 (matched angle)



regave rms	0.42	21.06%
domain rms	1.14	56.33%