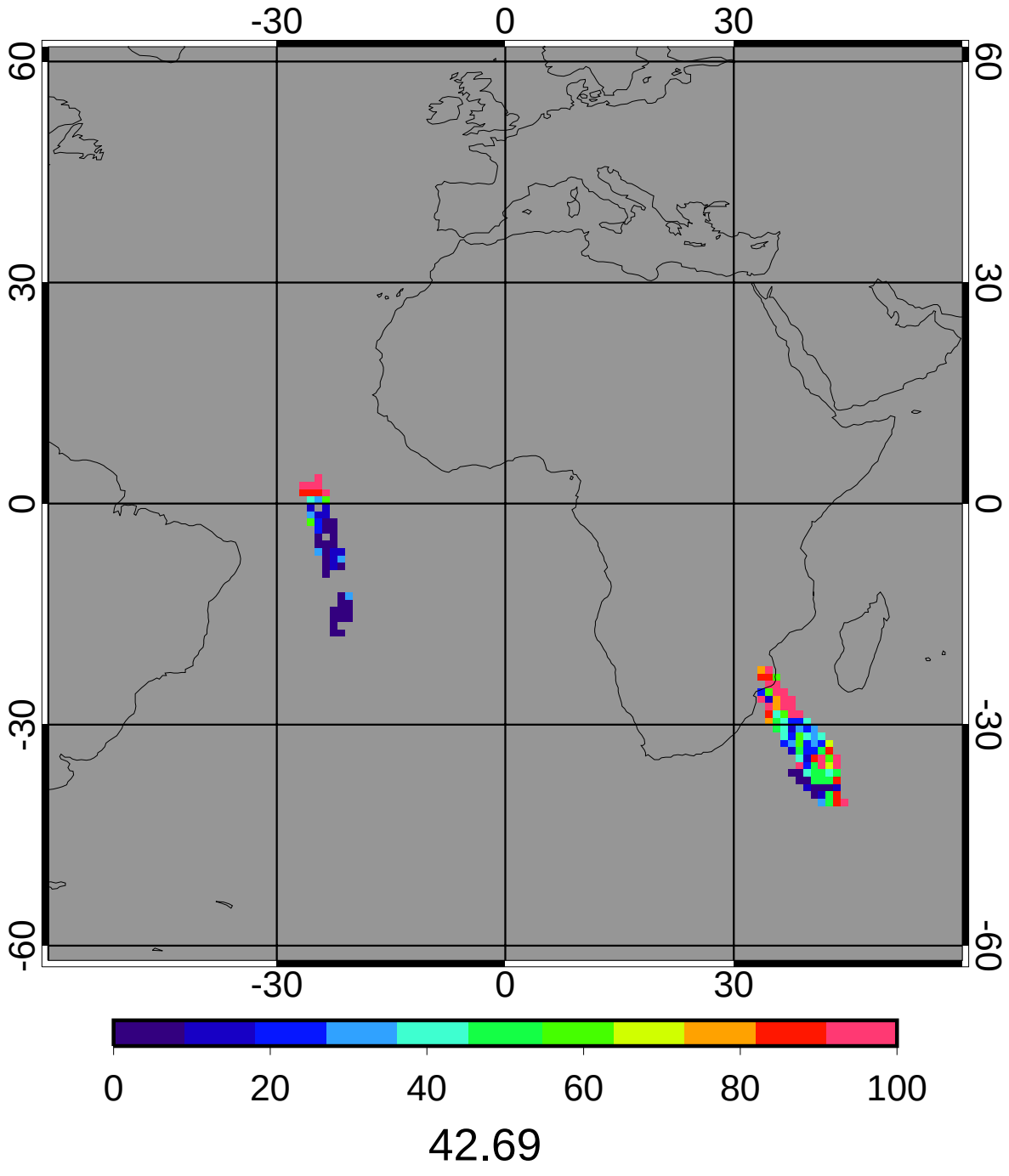
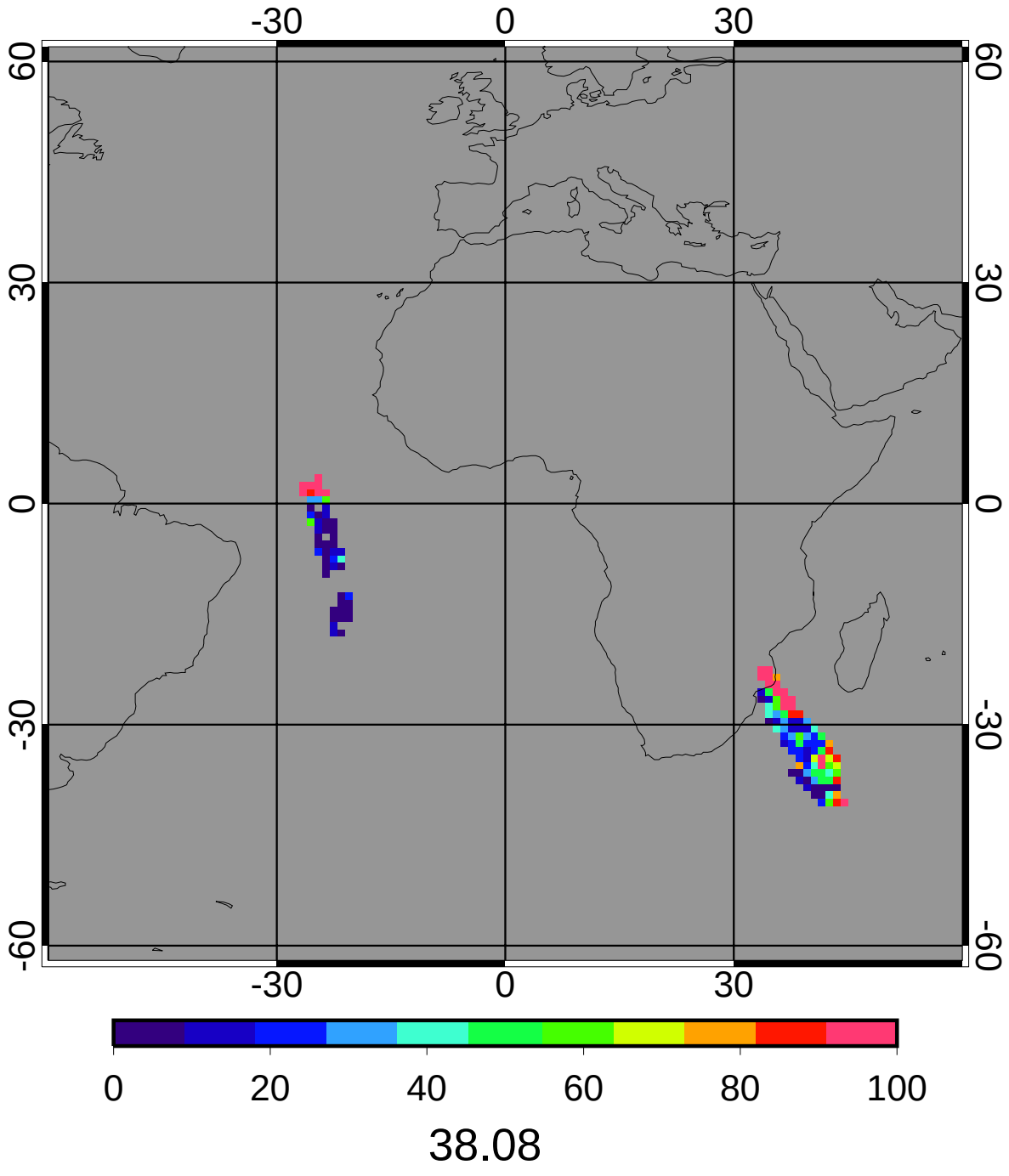
GGEO MEAN Daytime Cloud Amount (%)

5ch_39cal Jan 2010 (matched angle)



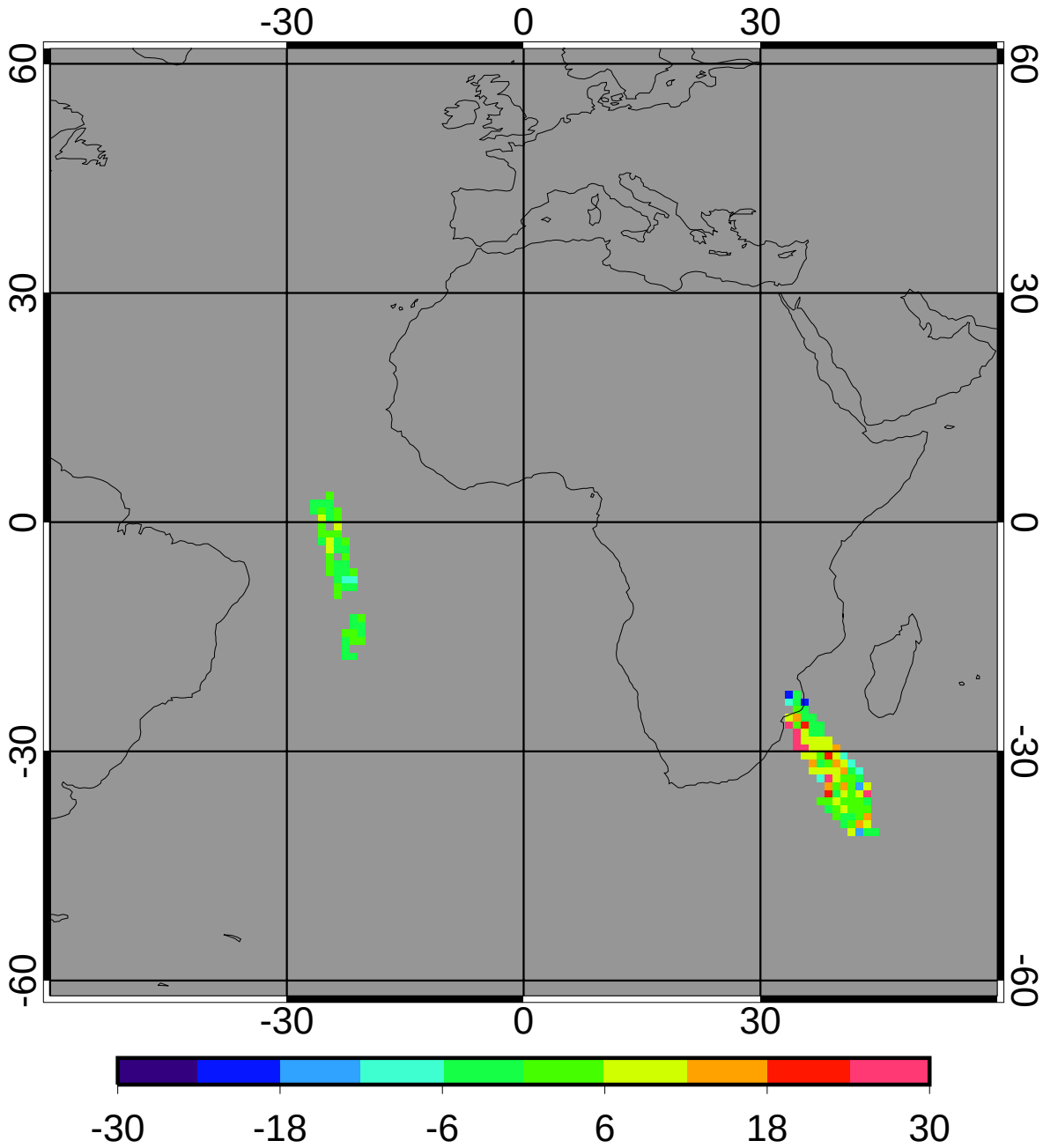
CERES/Aqua MEAN Daytime Cloud Amount (%)

5ch_39cal Jan 2010 (matched angle)



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

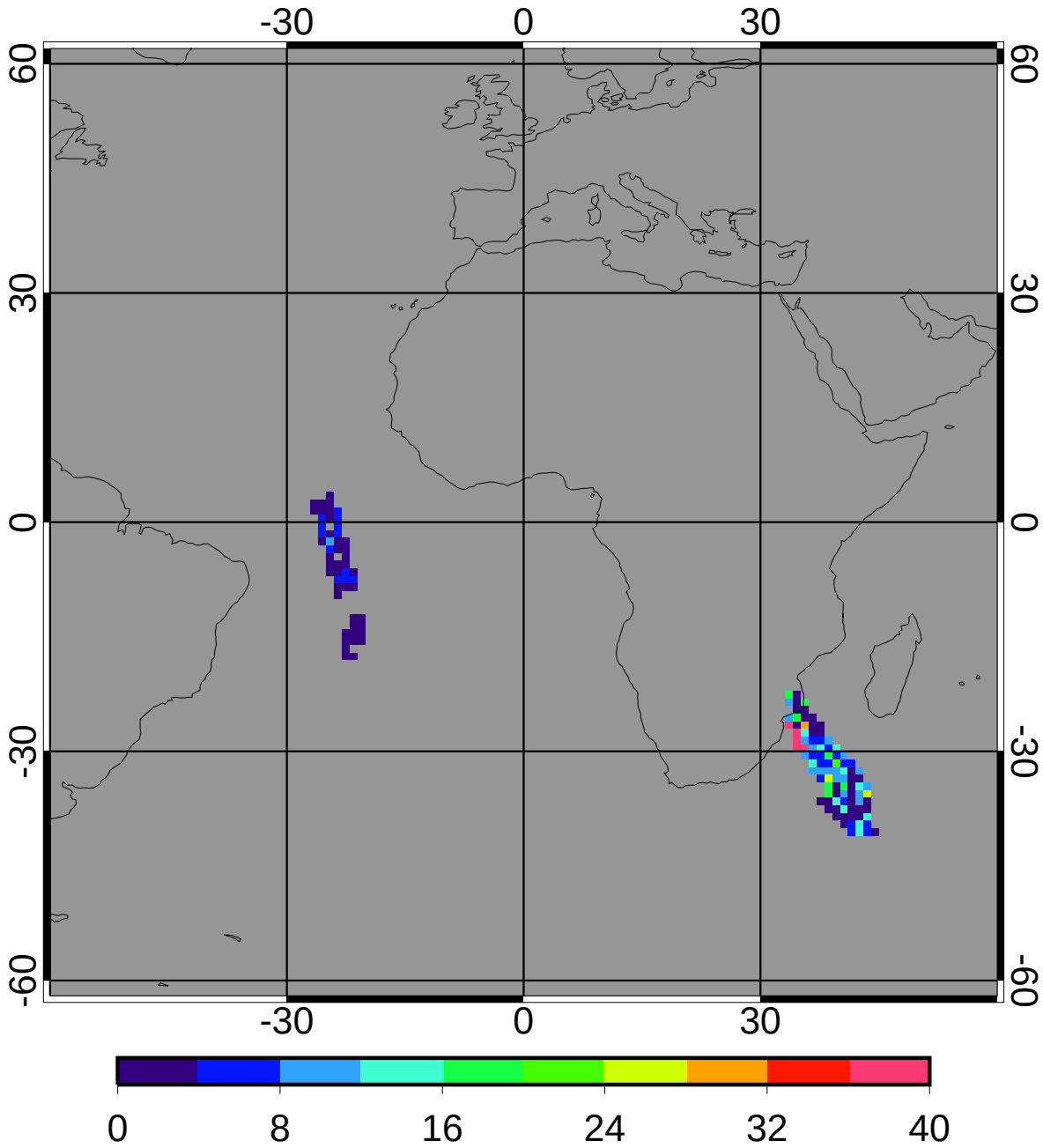
5ch_39cal Jan 2010 (matched angle)



bias	4.61	12.11%
domain sigma	11.70	30.73%

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

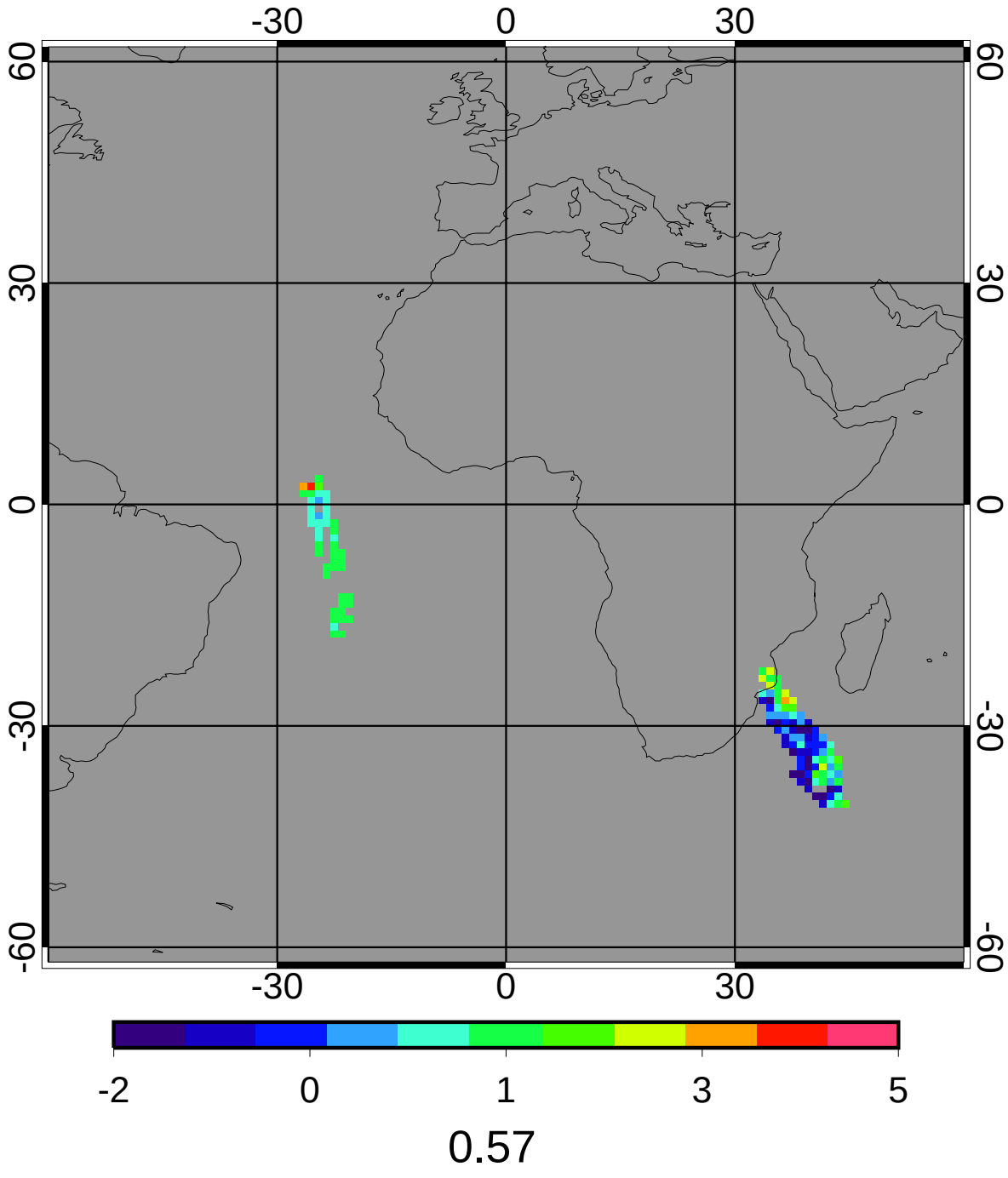
5ch_39cal Jan 2010 (matched angle)



regave rms	7.55	19.82%
domain rms	13.22	34.72%

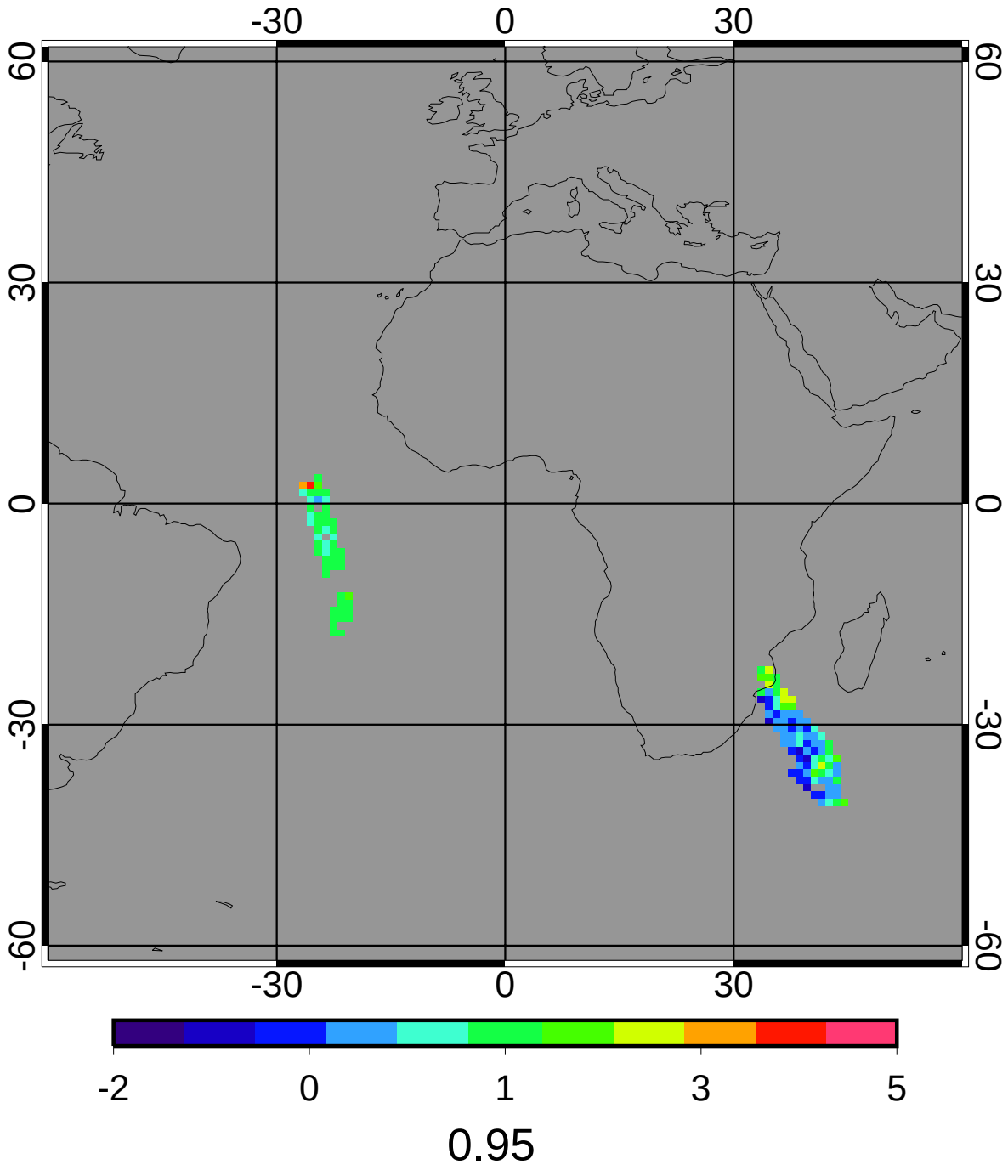
GGEO MEAN Daytime Log Optical Depth

5ch_39cal Jan 2010 (matched angle)



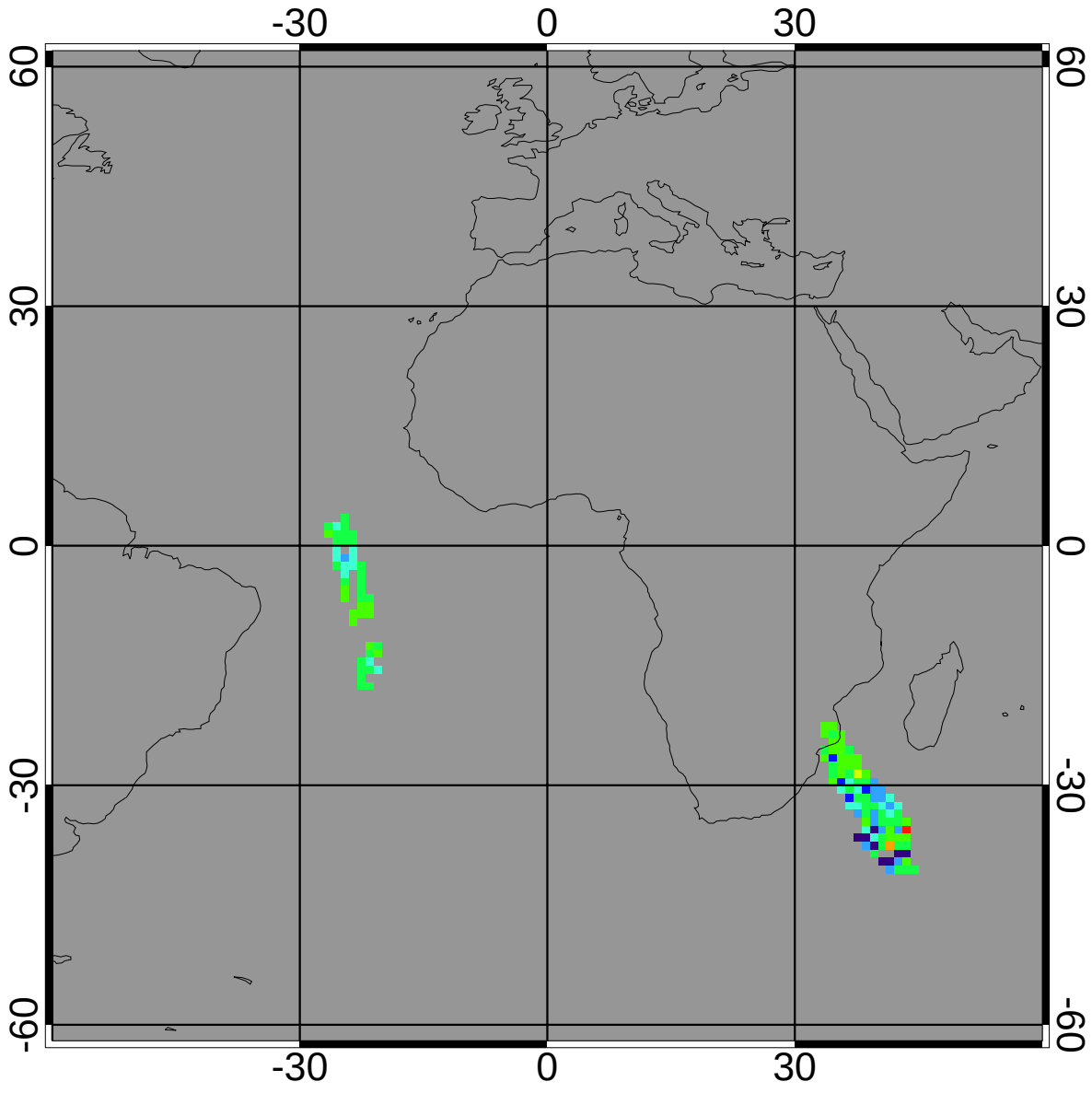
CERES/Aqua MEAN Daytime Log Optical Depth

5ch_39cal Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Log Optical Depth Bias

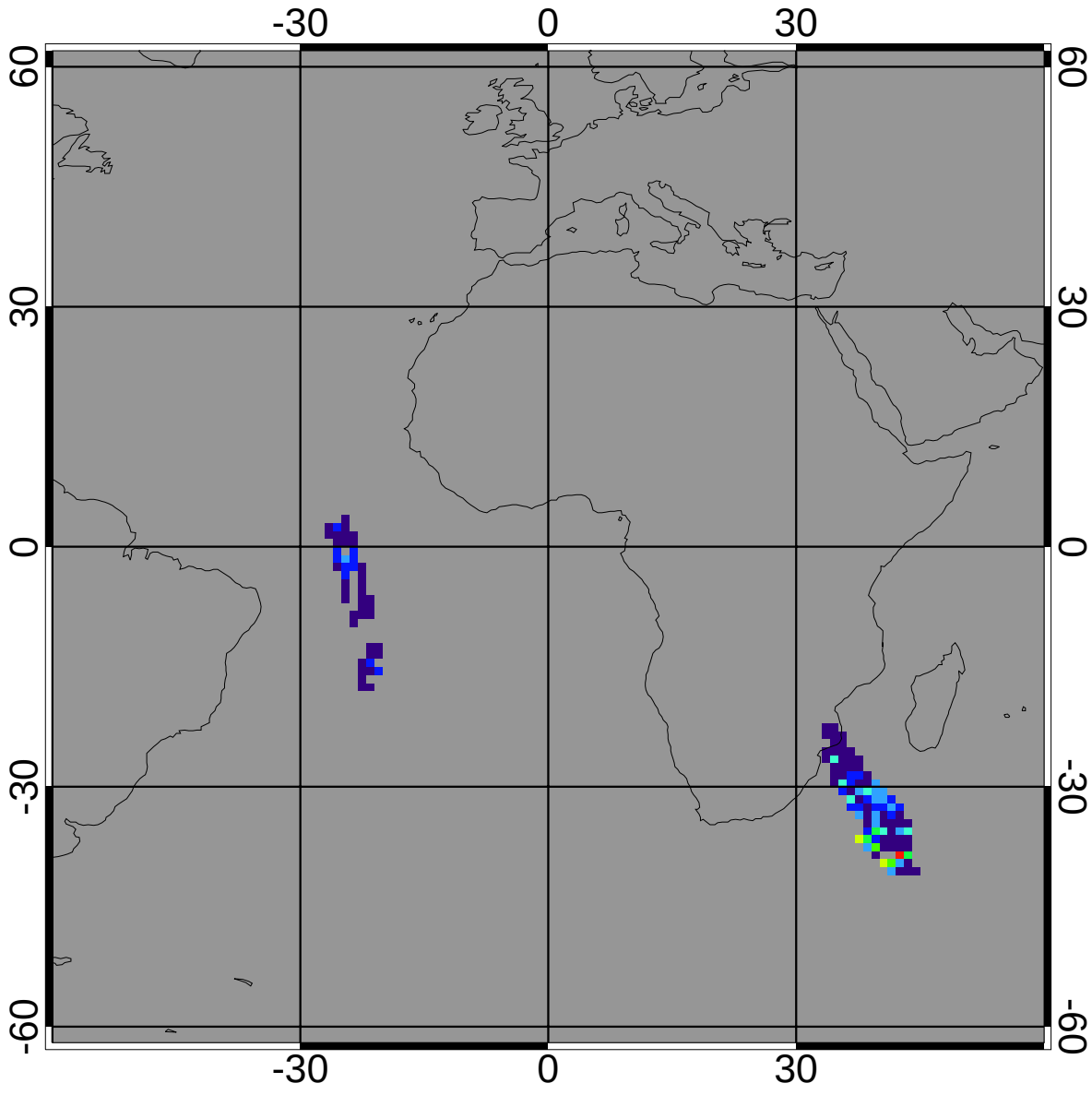
5ch_39cal Jan 2010 (matched angle)

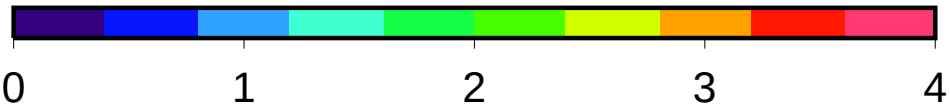


bias	-0.34	-35.43%
domain sigma	0.54	57.01%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

5ch_39cal Jan 2010 (matched angle)

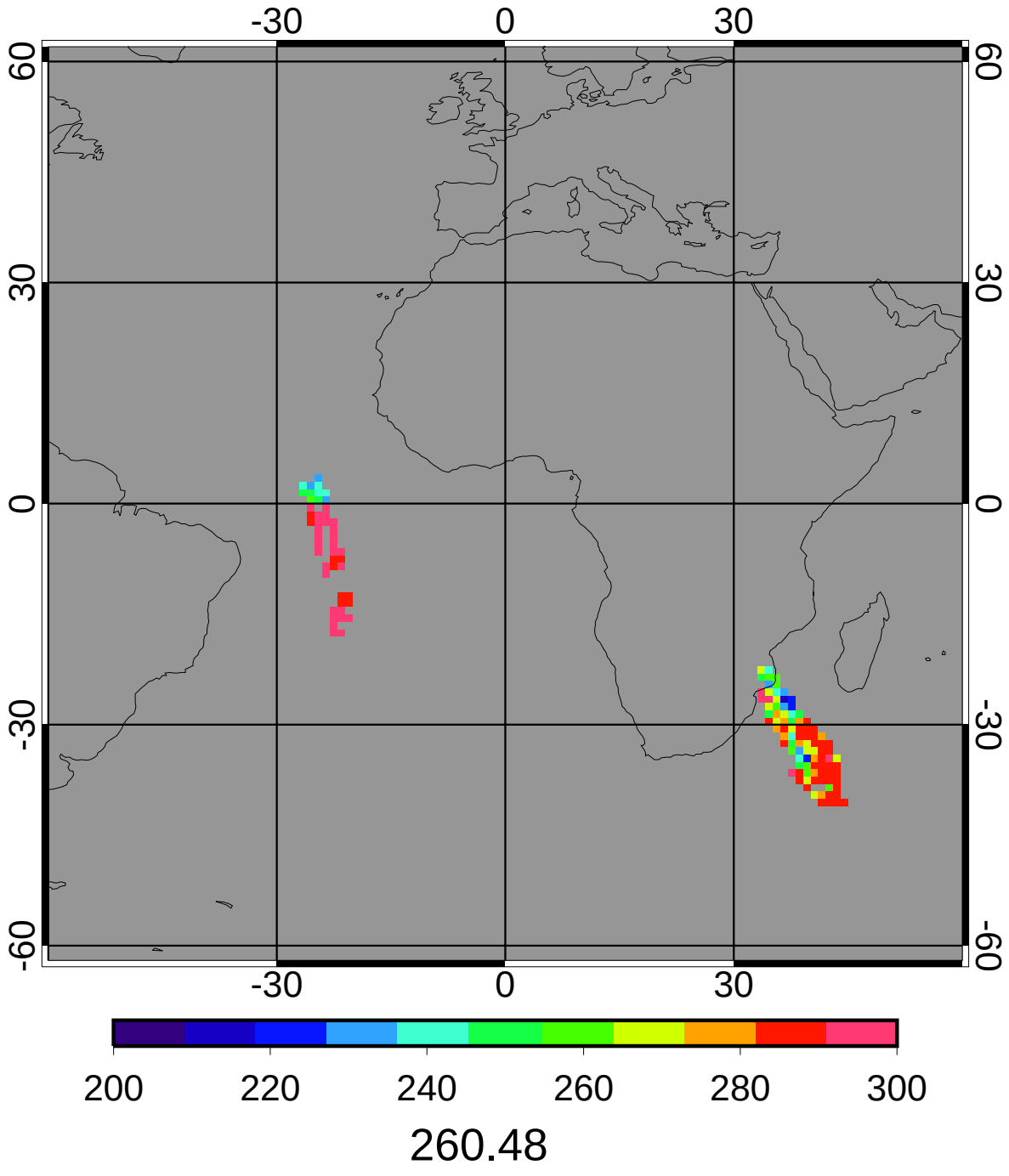




regave rms	0.44	46.84%
domain rms	0.70	73.85%

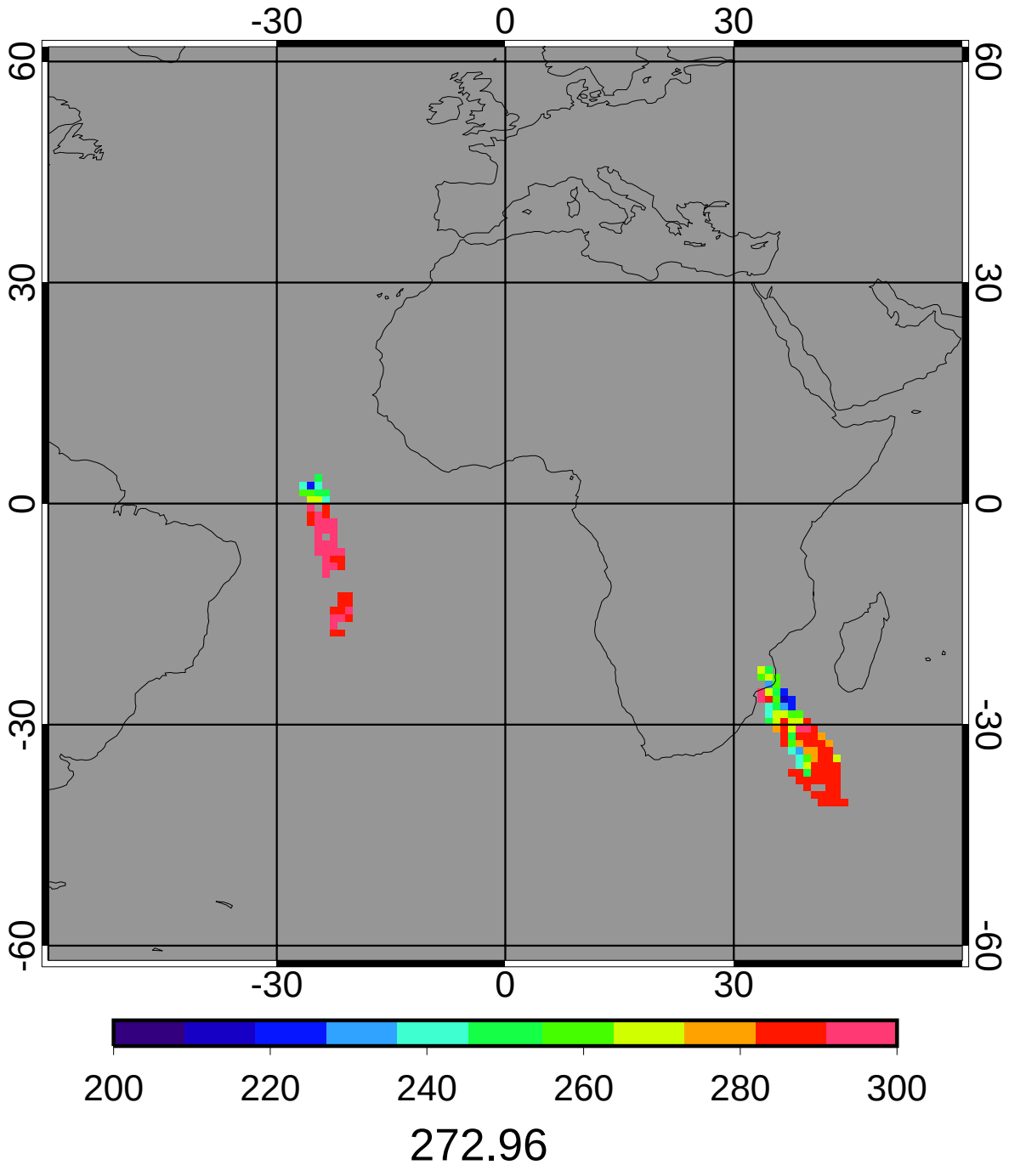
GGEO MEAN Daytime Cloud Temperature (K)

5ch_39cal Jan 2010 (matched angle)



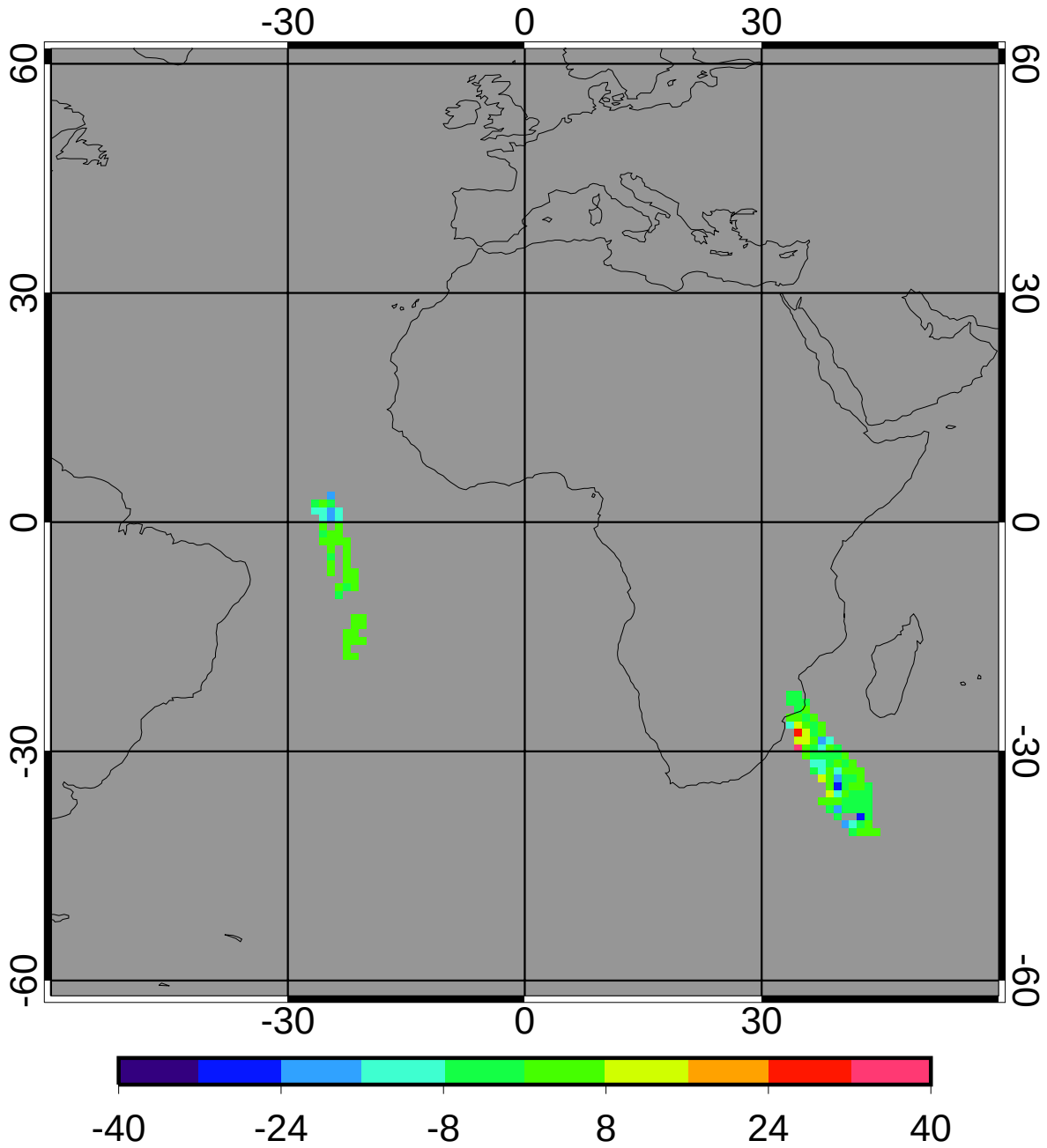
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch_39cal Jan 2010 (matched angle)



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

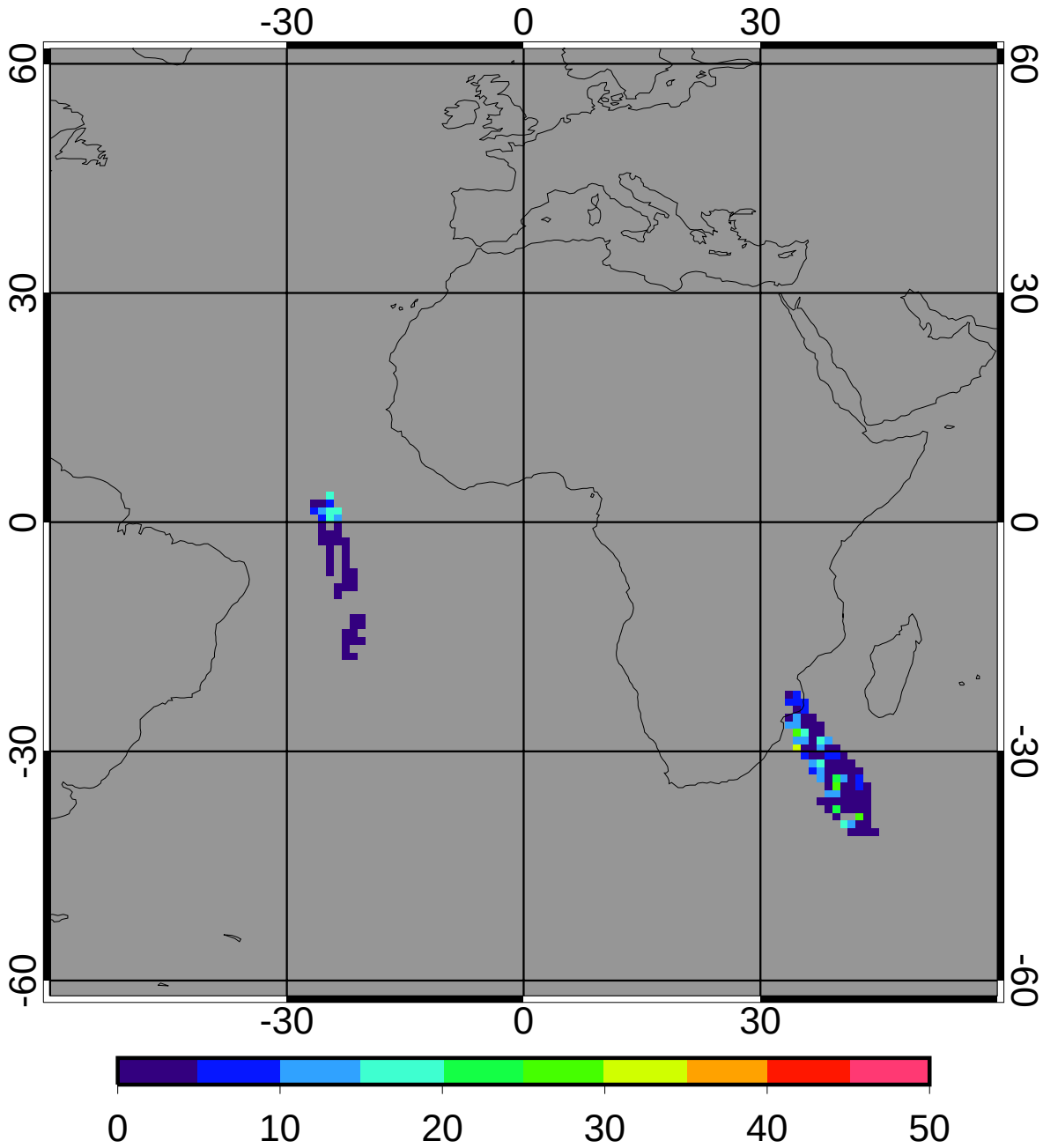
5ch_39cal Jan 2010 (matched angle)



bias	-1.31	-0.48%
domain sigma	7.13	2.61%

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

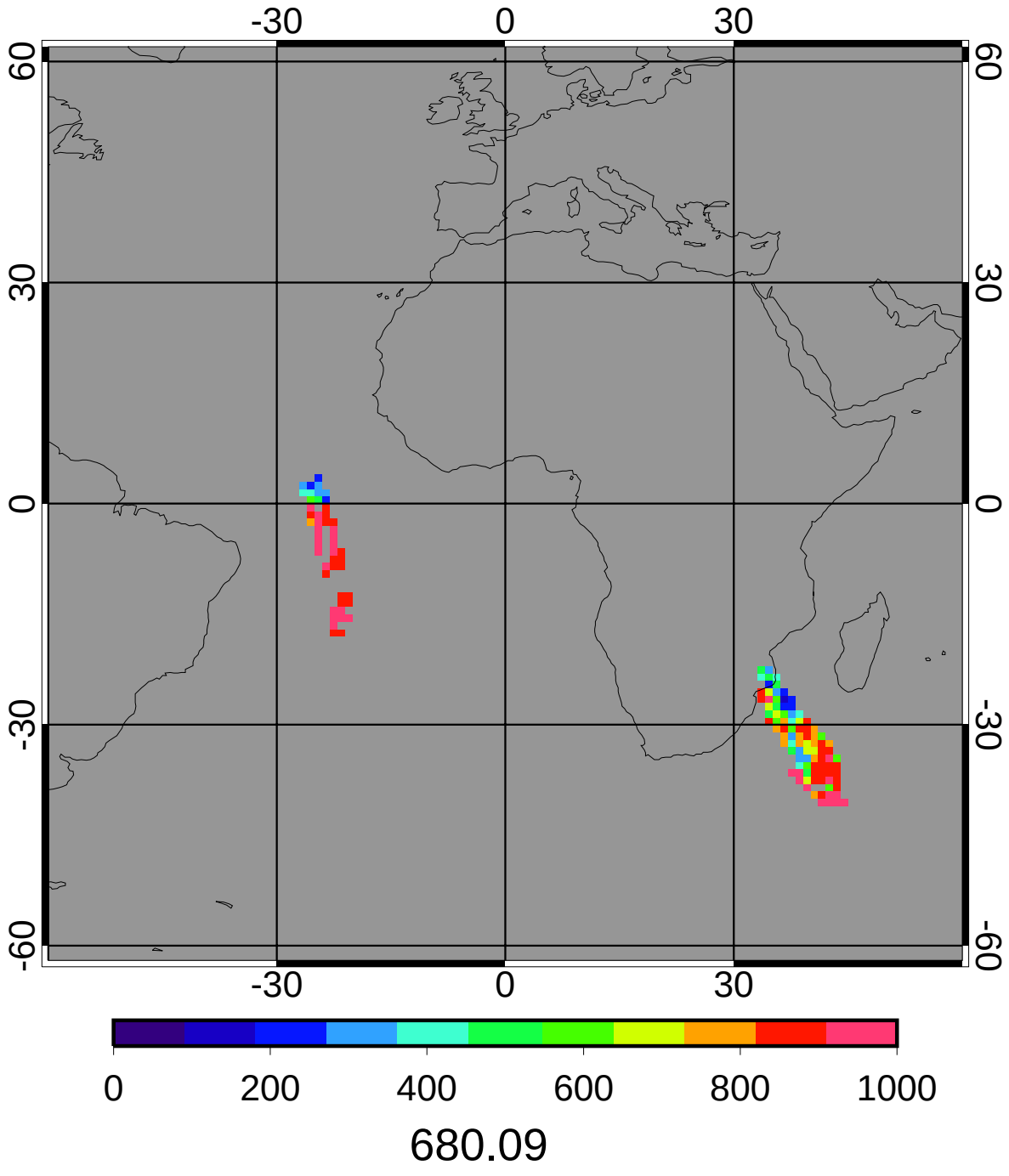
5ch_39cal Jan 2010 (matched angle)



regave rms	5.02	1.84%
domain rms	8.12	2.97%

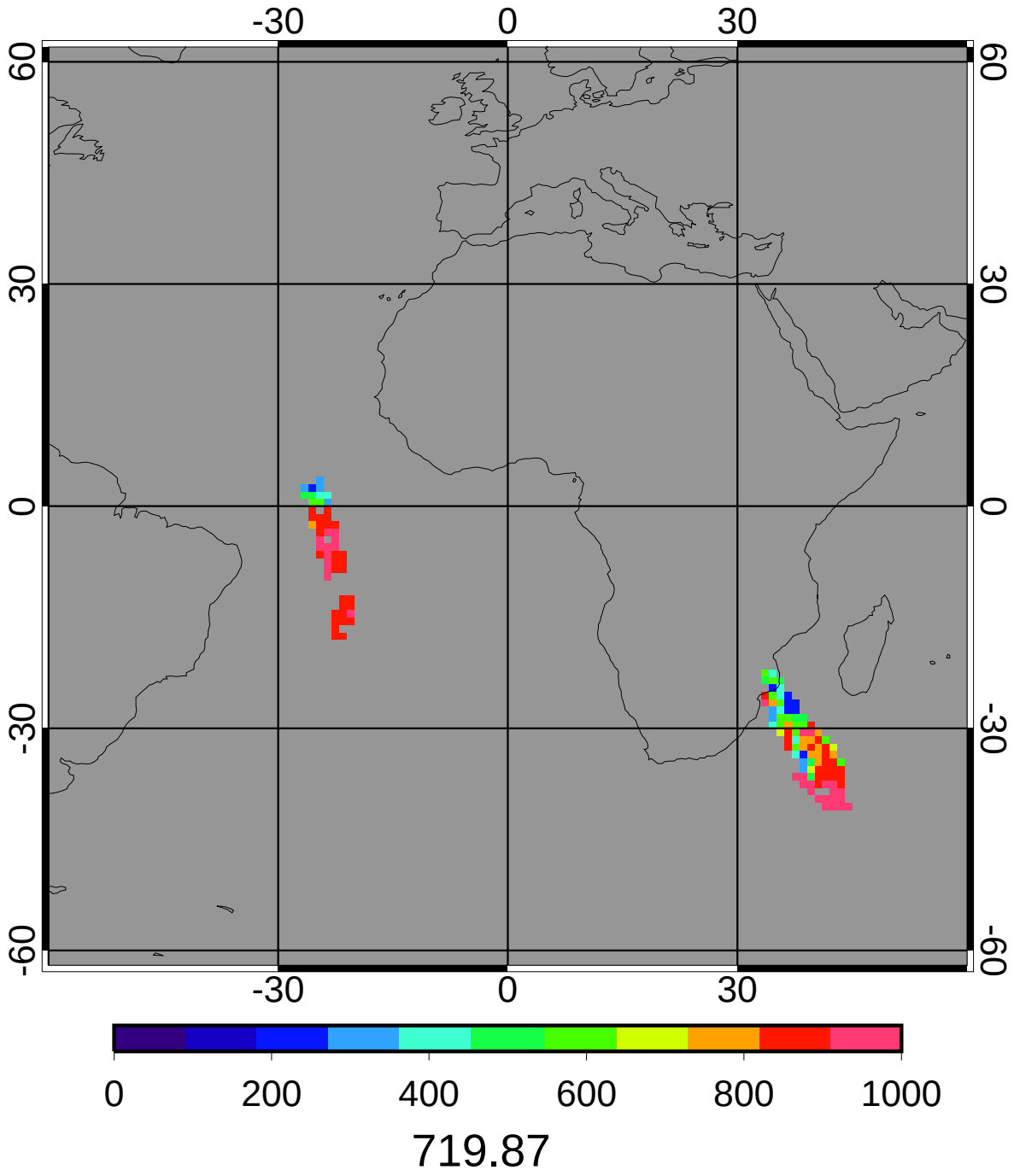
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



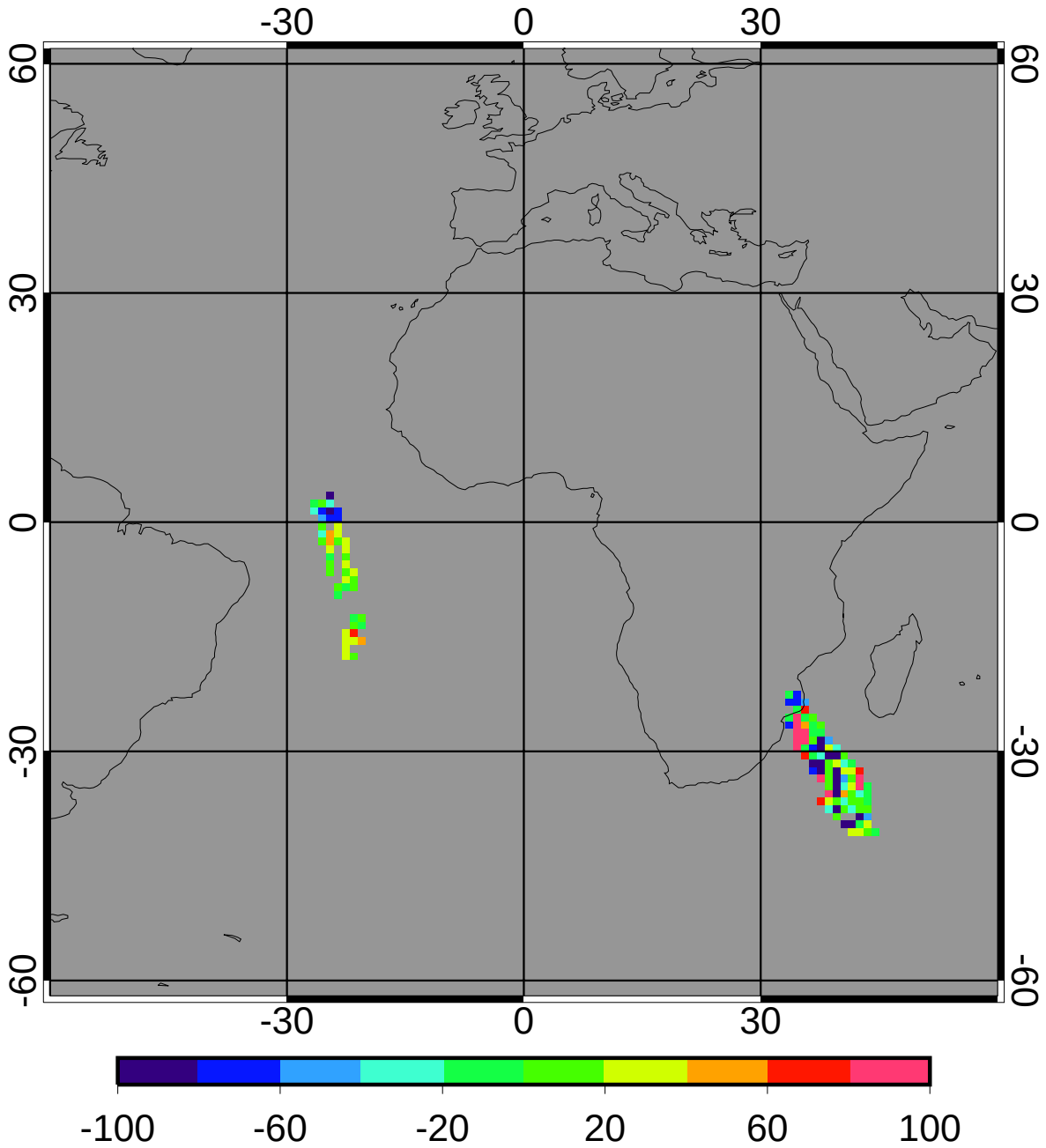
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



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

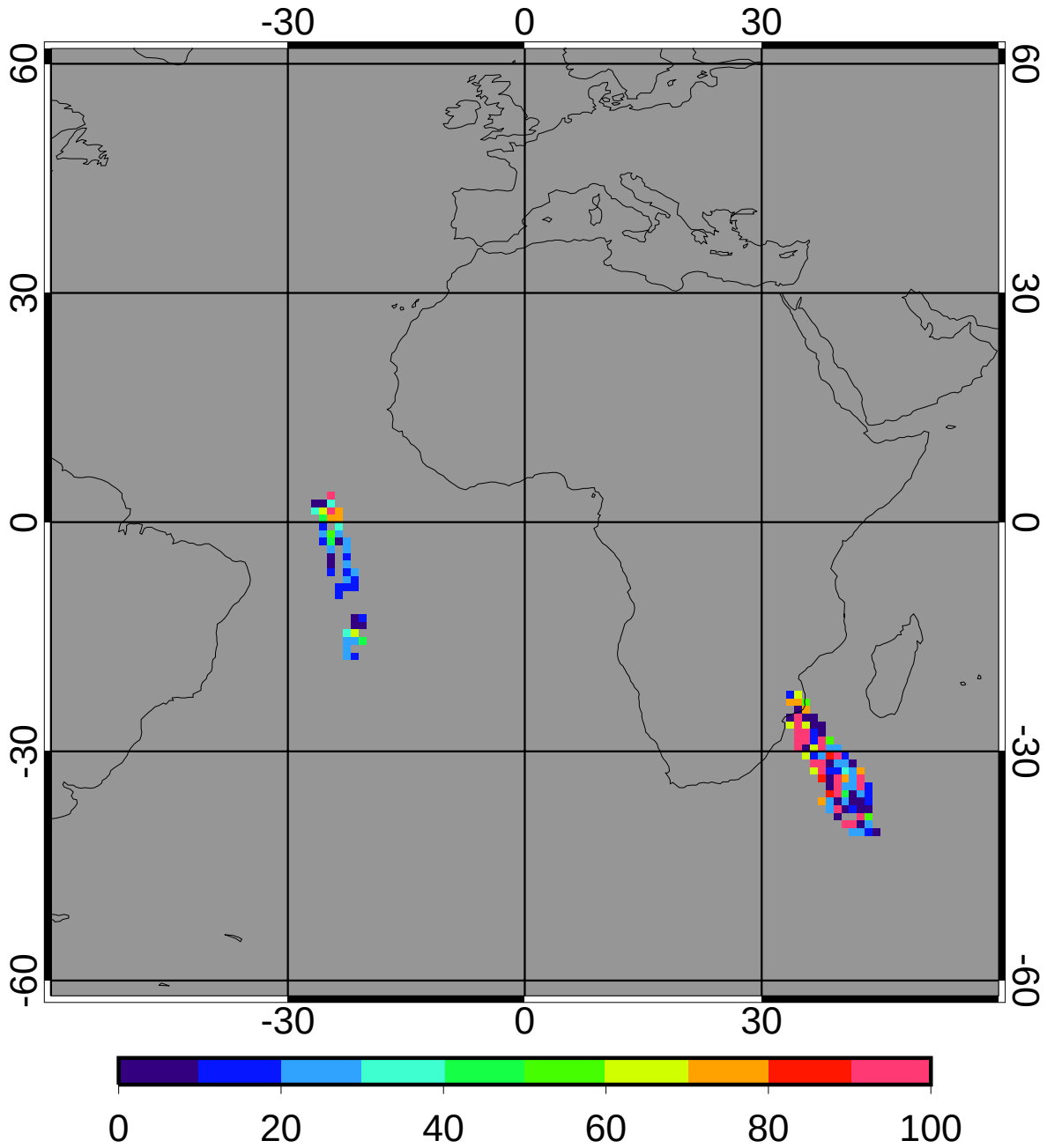
5ch_39cal Jan 2010 (matched angle)



bias	-4.13	-0.57%
domain sigma	73.38	10.19%

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

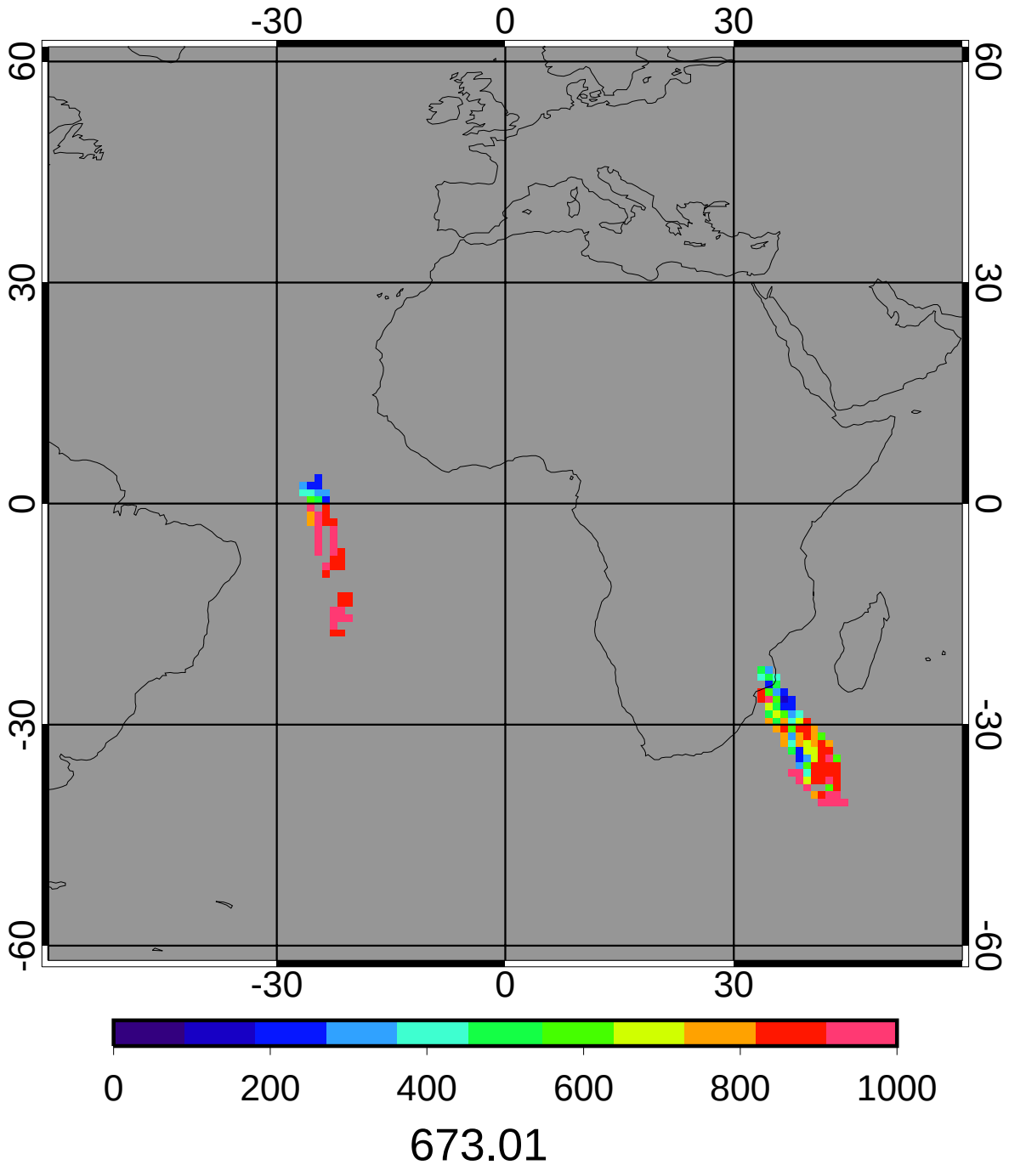
5ch_39cal Jan 2010 (matched angle)



regave rms	50.13	6.96%
domain rms	83.74	11.63%

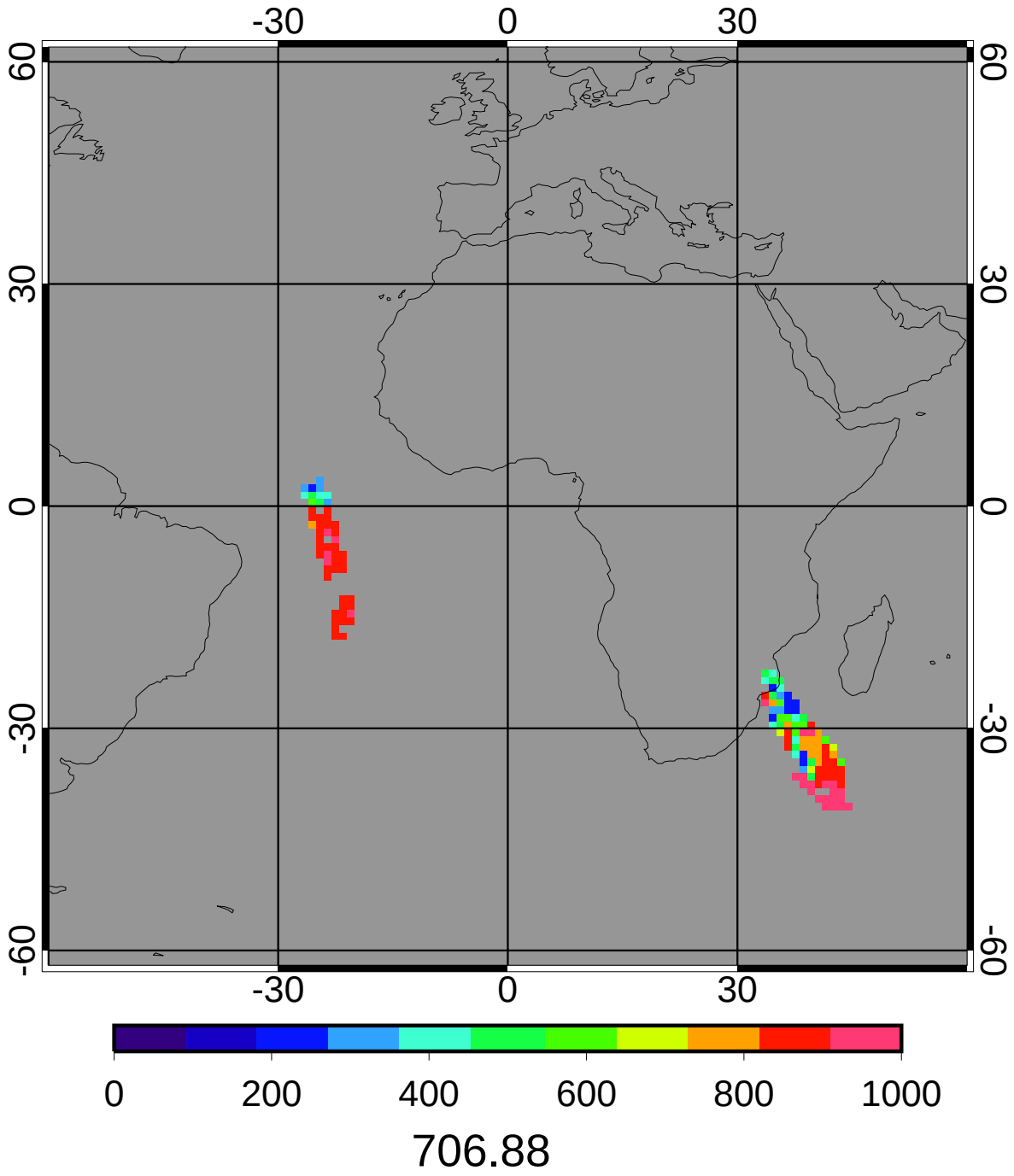
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



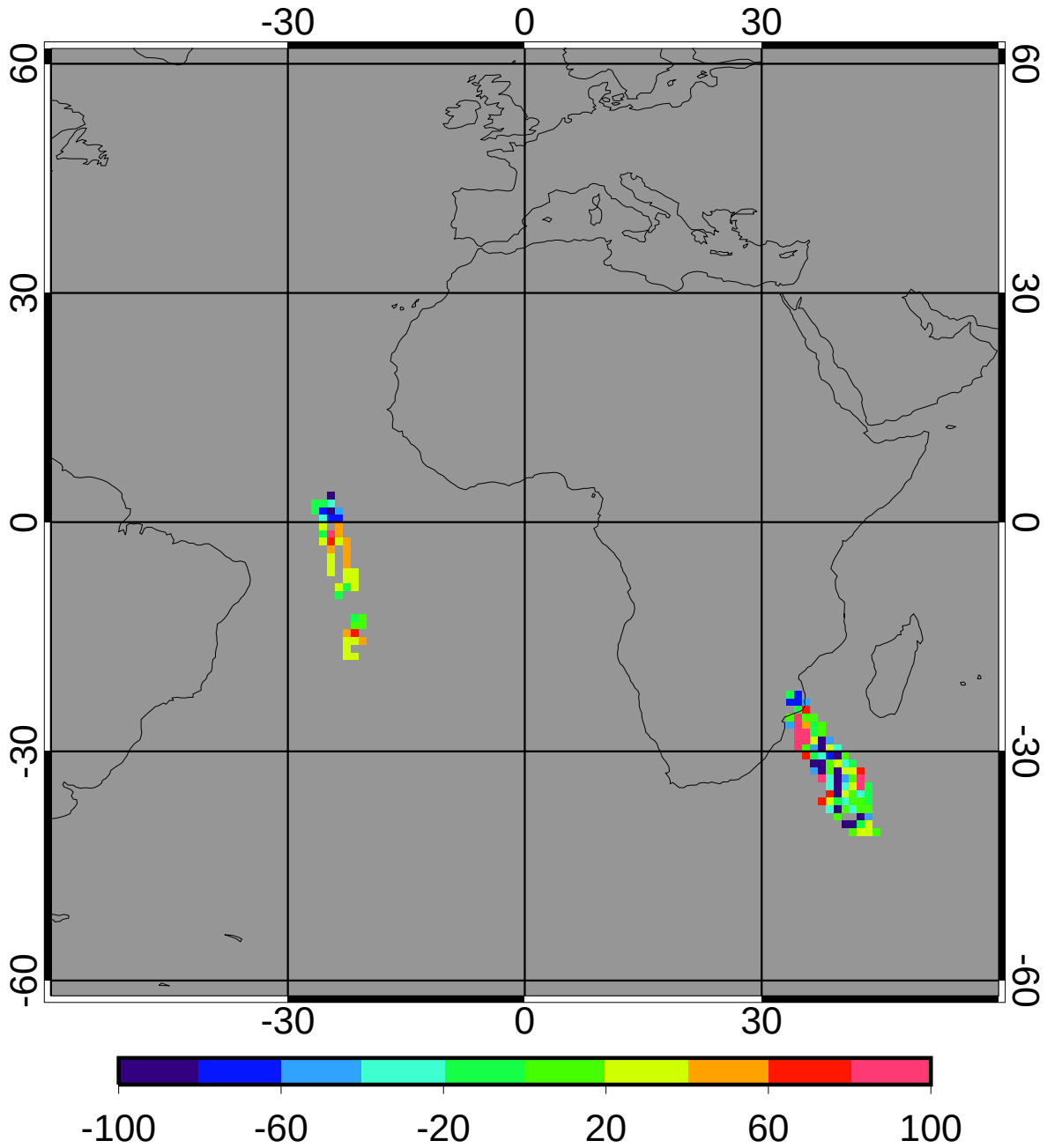
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



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

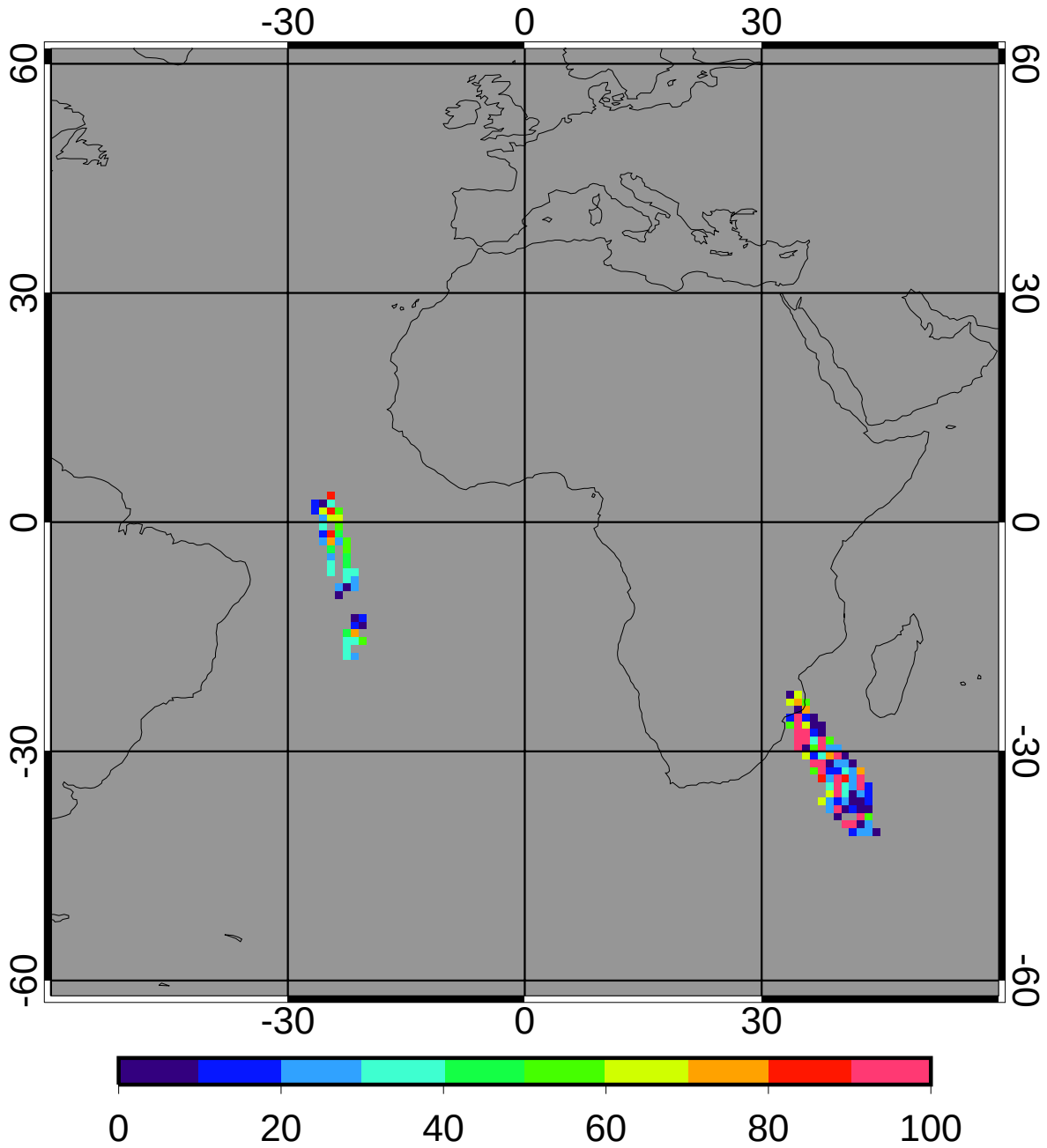
5ch_39cal Jan 2010 (matched angle)



bias	0.85	0.12%
domain sigma	75.63	10.70%

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

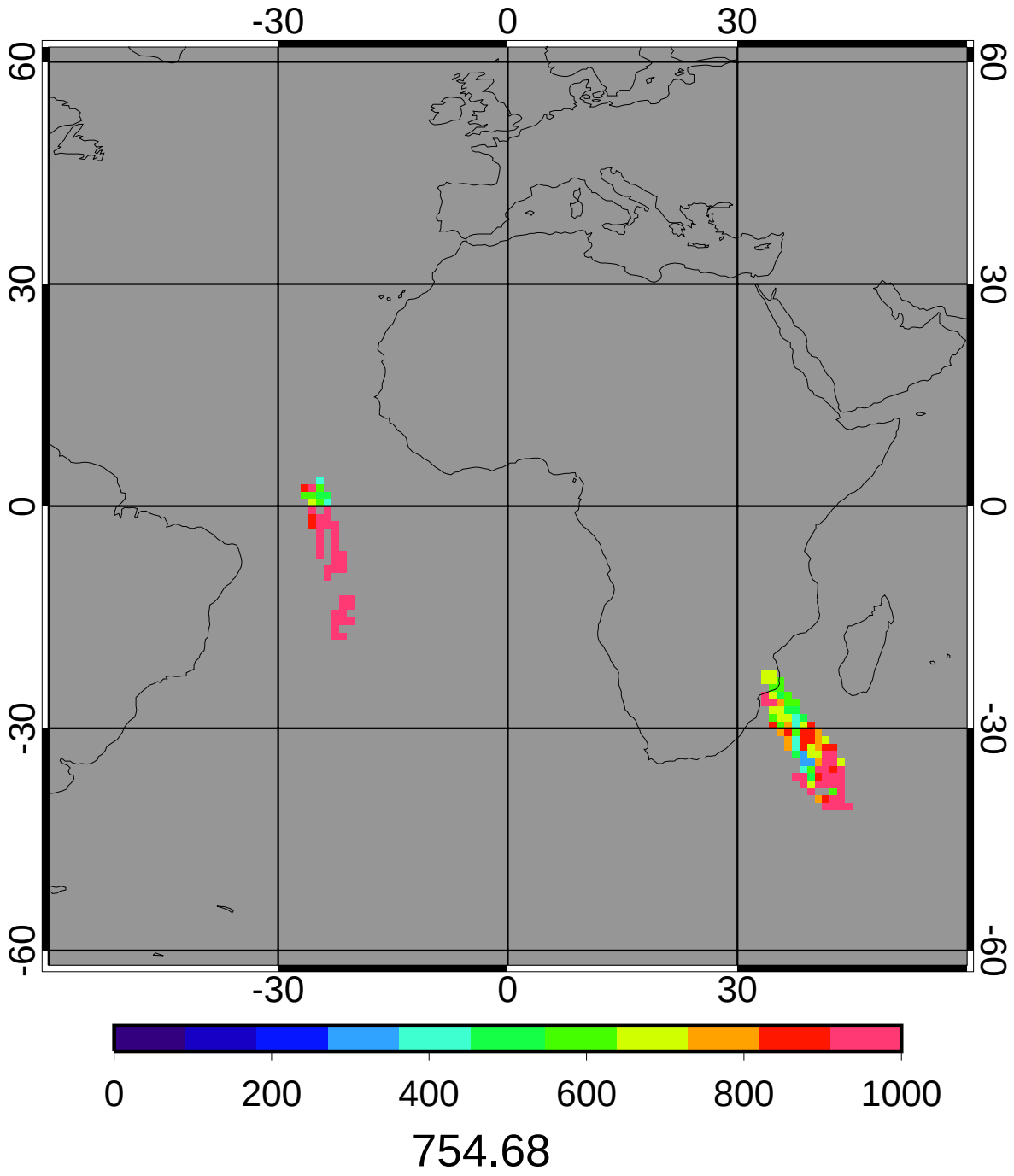
5ch_39cal Jan 2010 (matched angle)



regave rms	53.56	7.58%
domain rms	85.78	12.13%

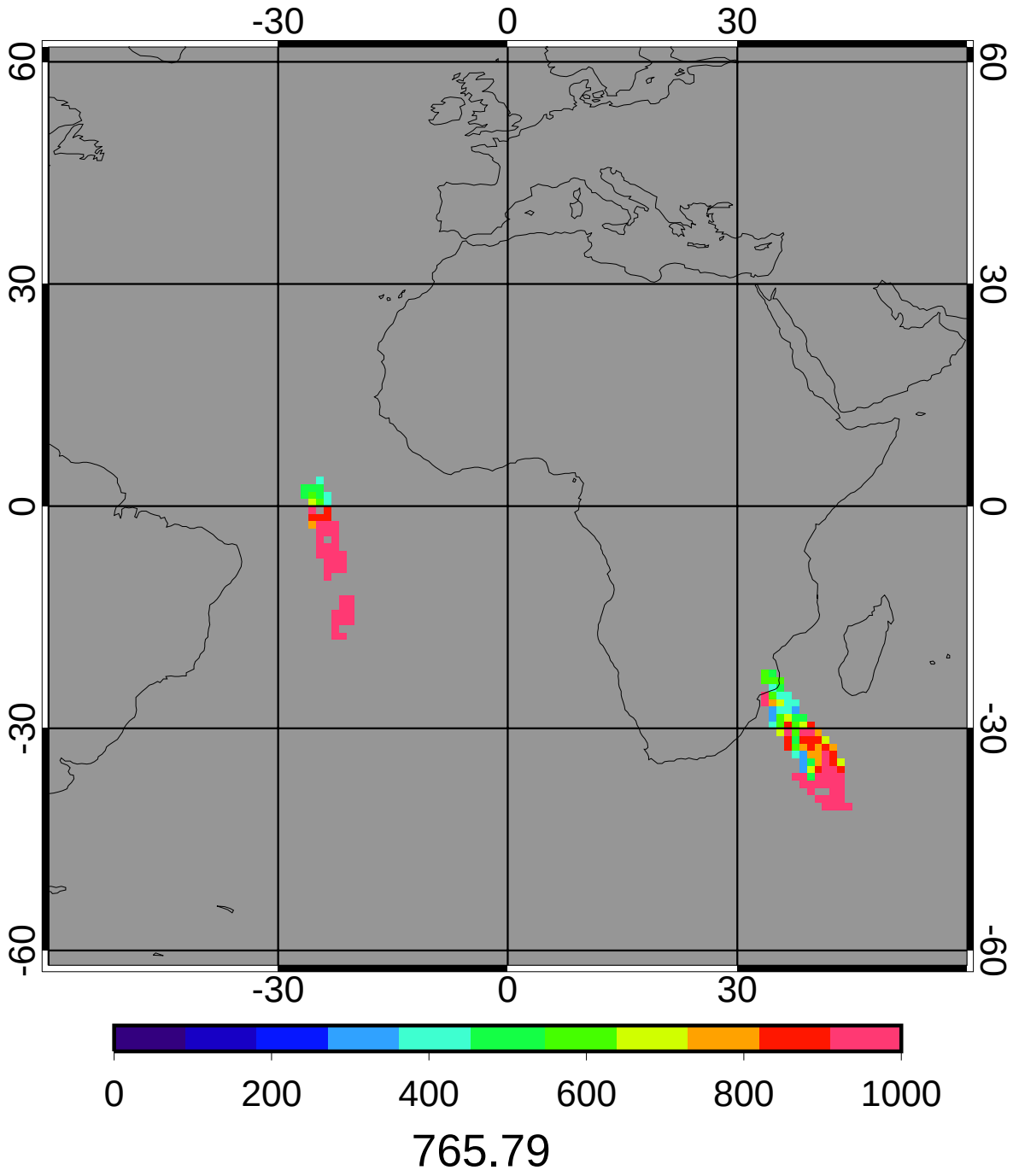
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



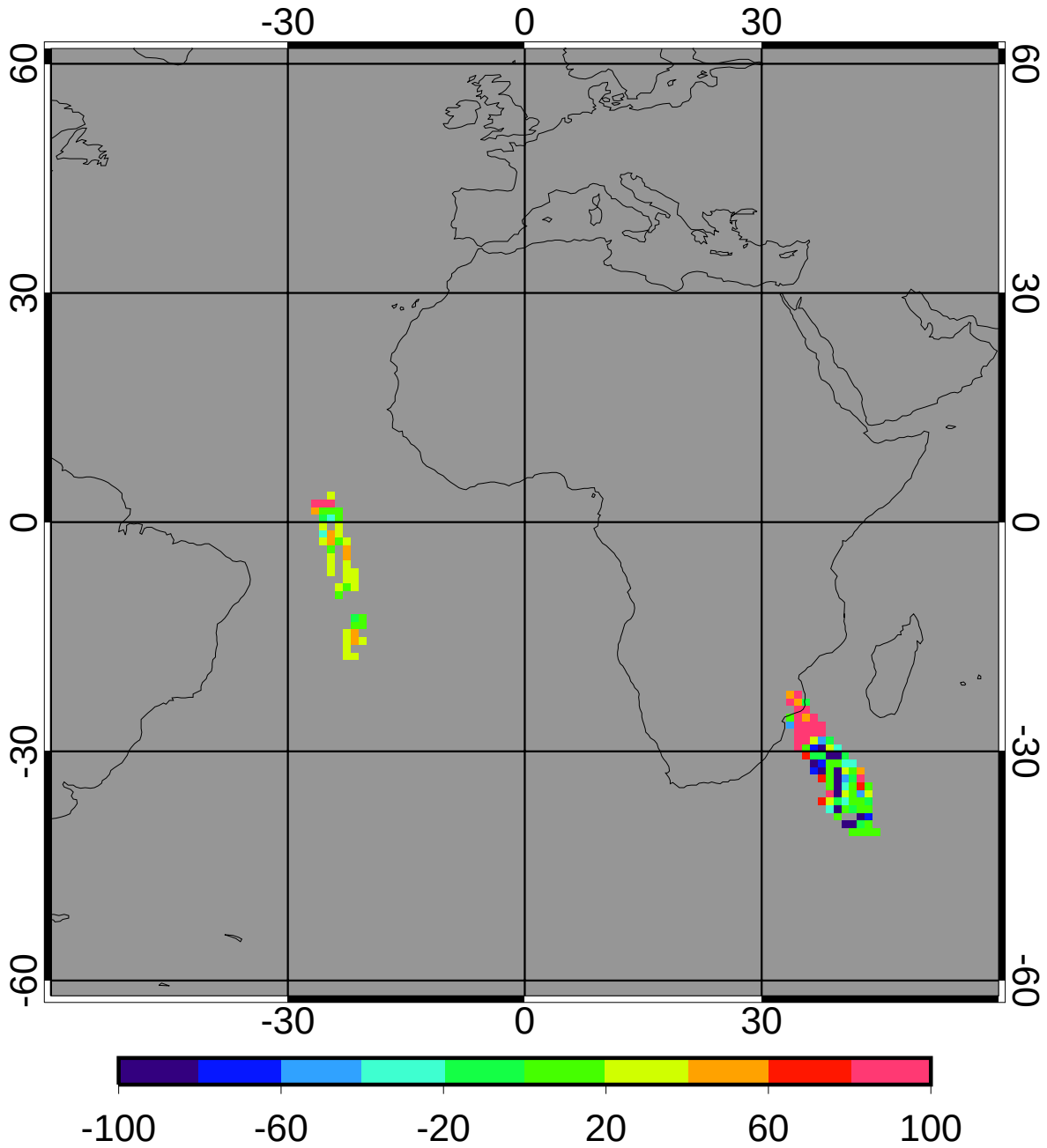
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



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

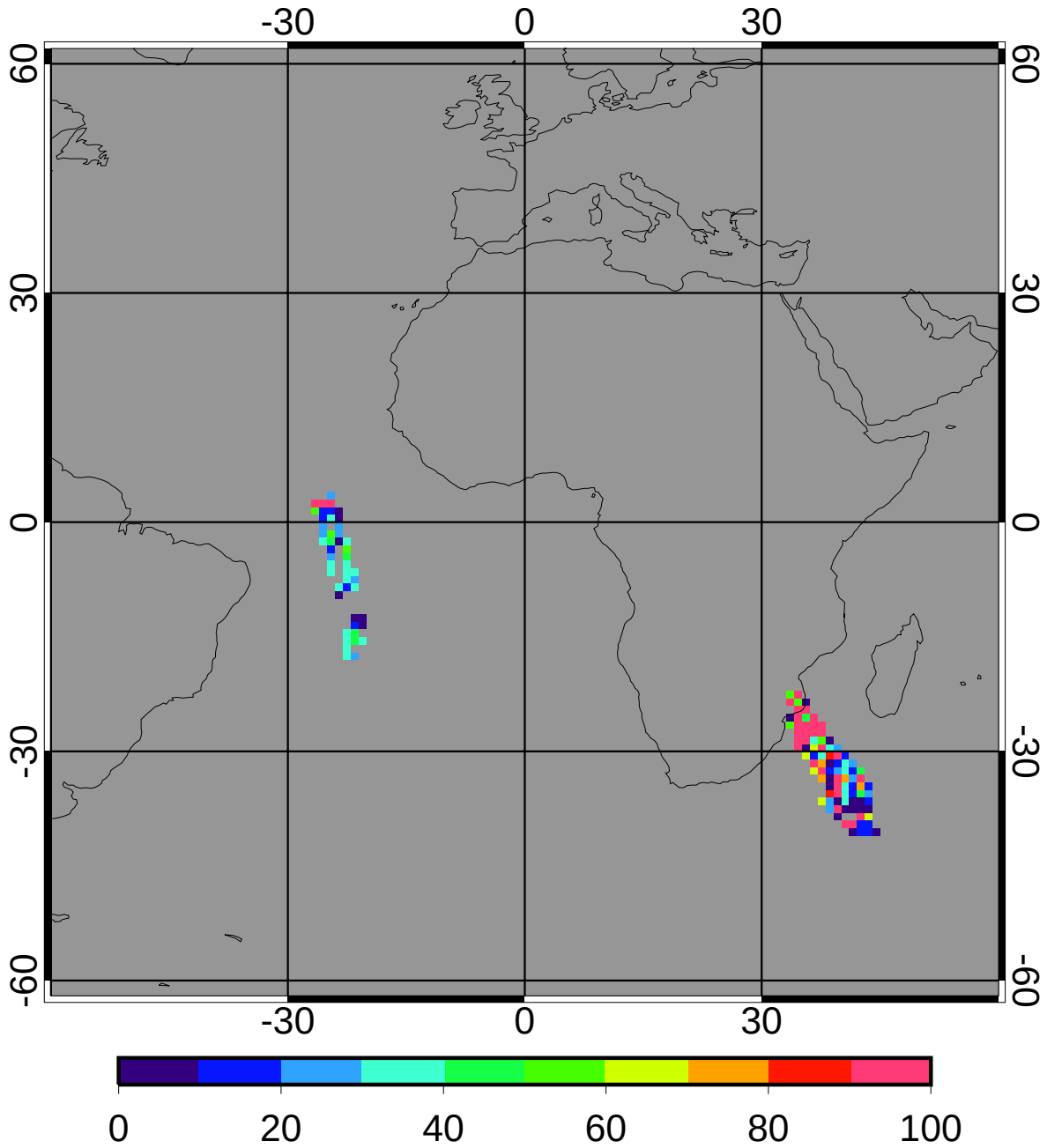
5ch_39cal Jan 2010 (matched angle)



bias	25.38	3.31%
domain sigma	93.74	12.24%

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

5ch_39cal Jan 2010 (matched angle)

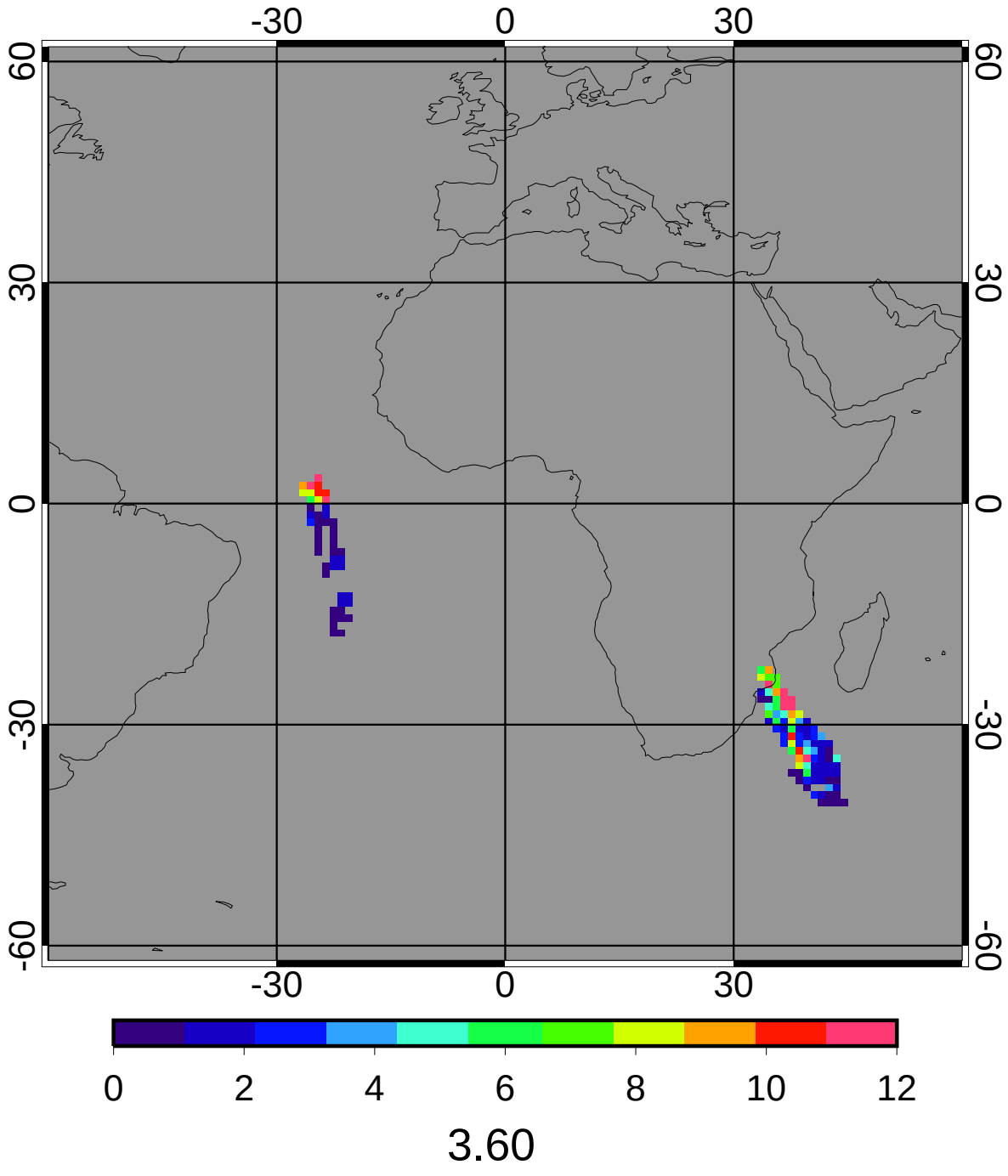


regave rms 64.74 8.45%

domain rms 103.63 13.53%

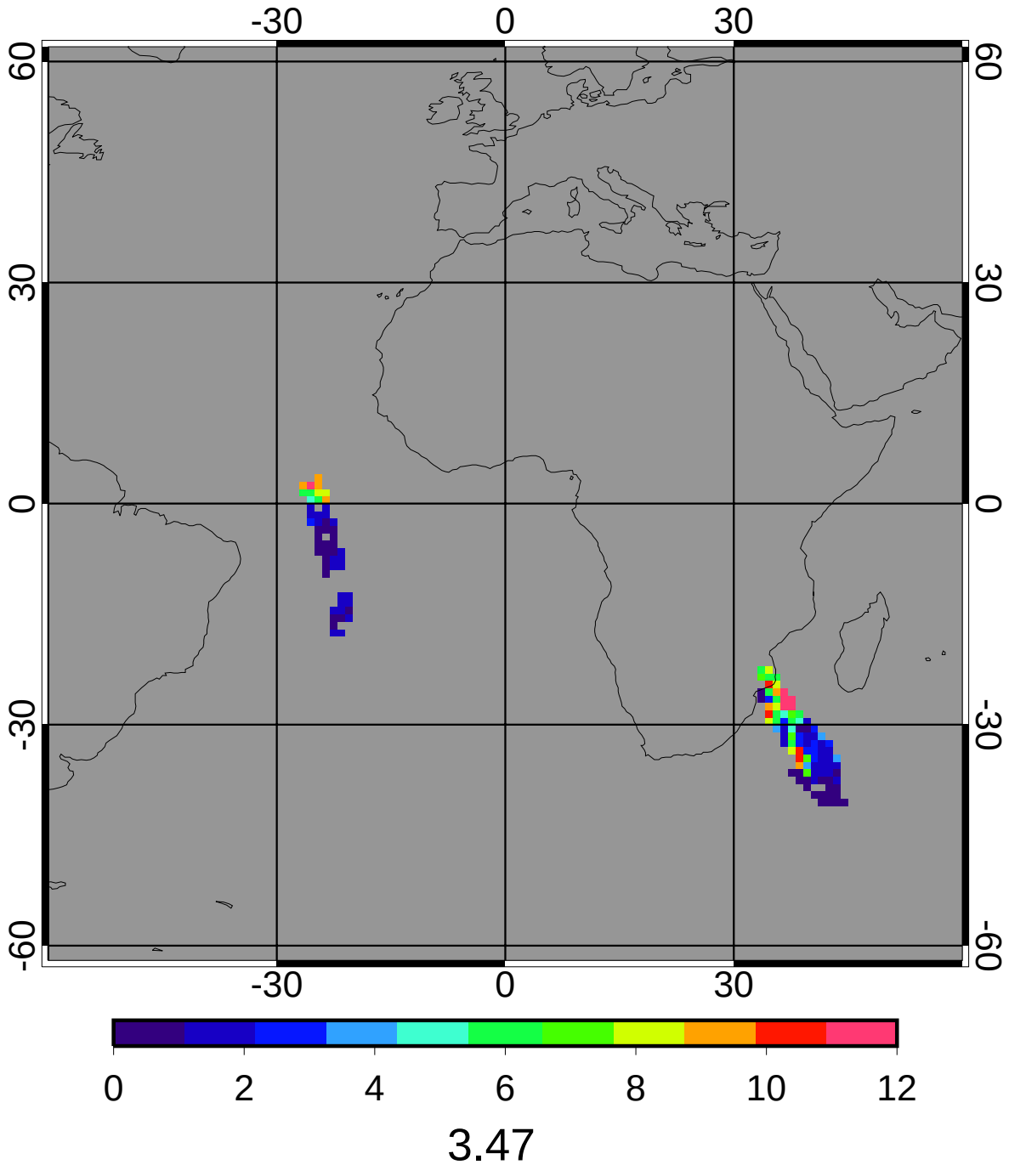
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_39cal Jan 2010 (matched angle)



CERES/Aqua MEAN Daytime Cloud Eff Height (km)

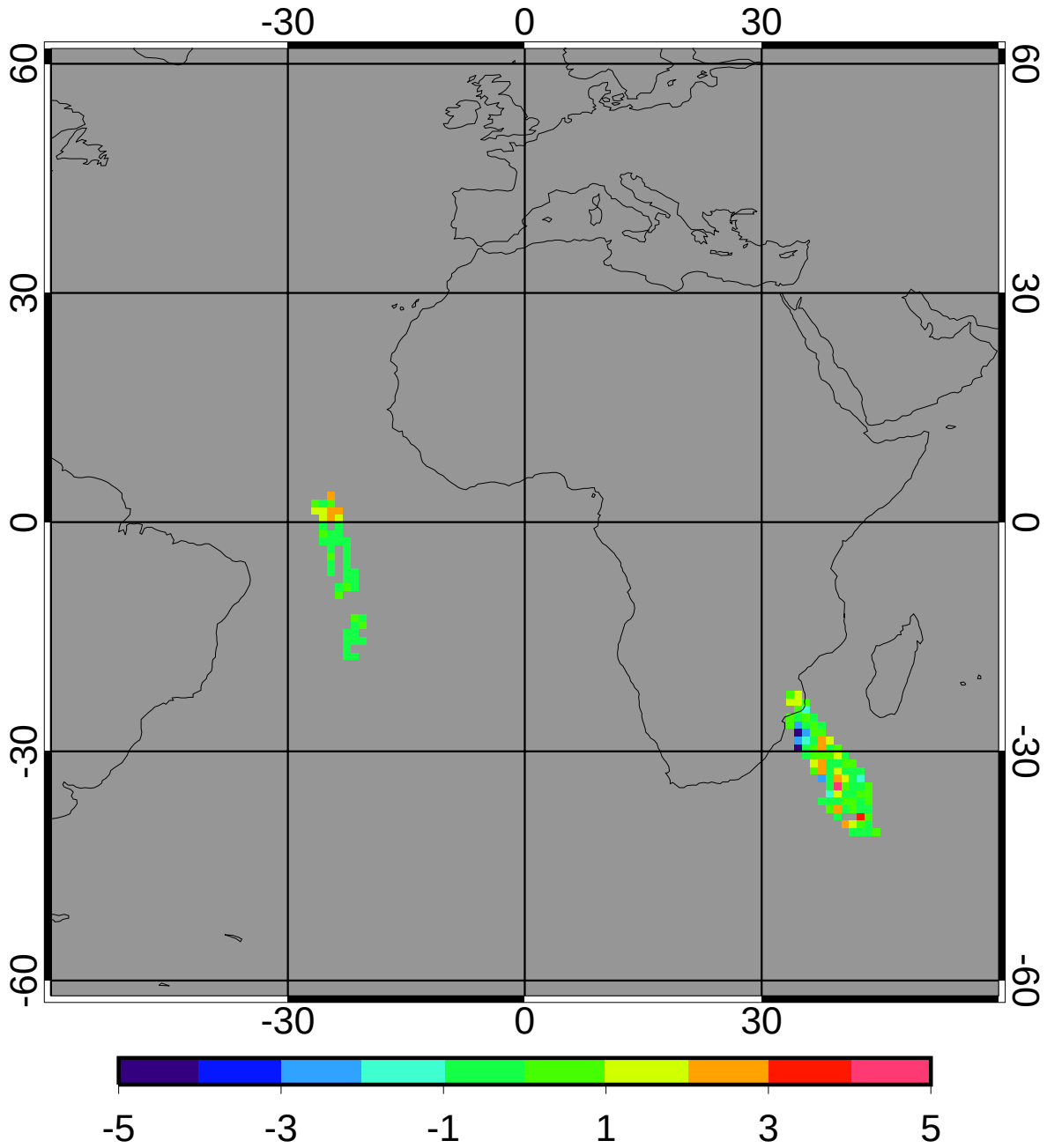
5ch_39cal Jan 2010 (matched angle)



3.47

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

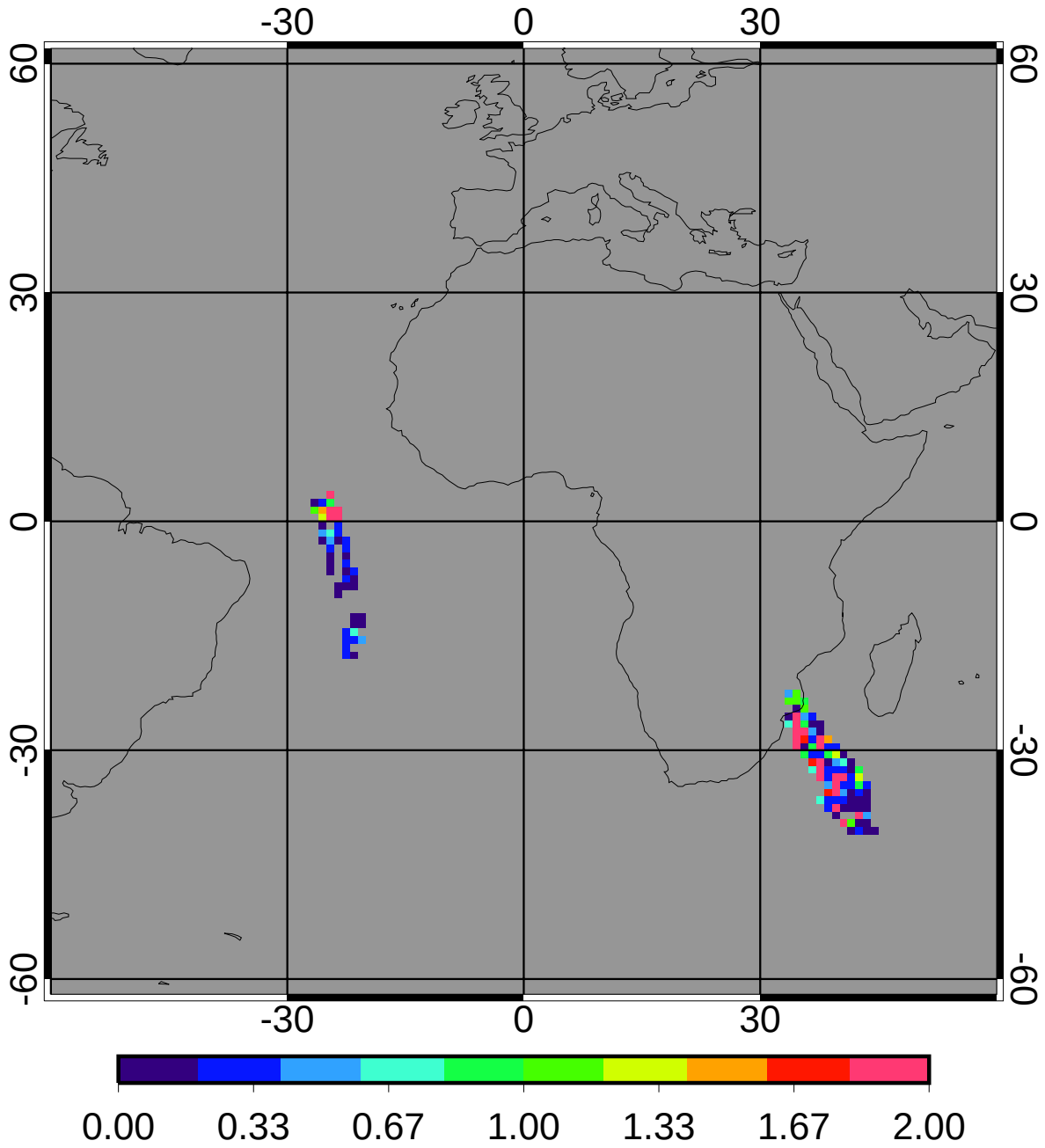
5ch_39cal Jan 2010 (matched angle)



bias	0.16	4.63%
domain sigma	1.11	32.05%

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

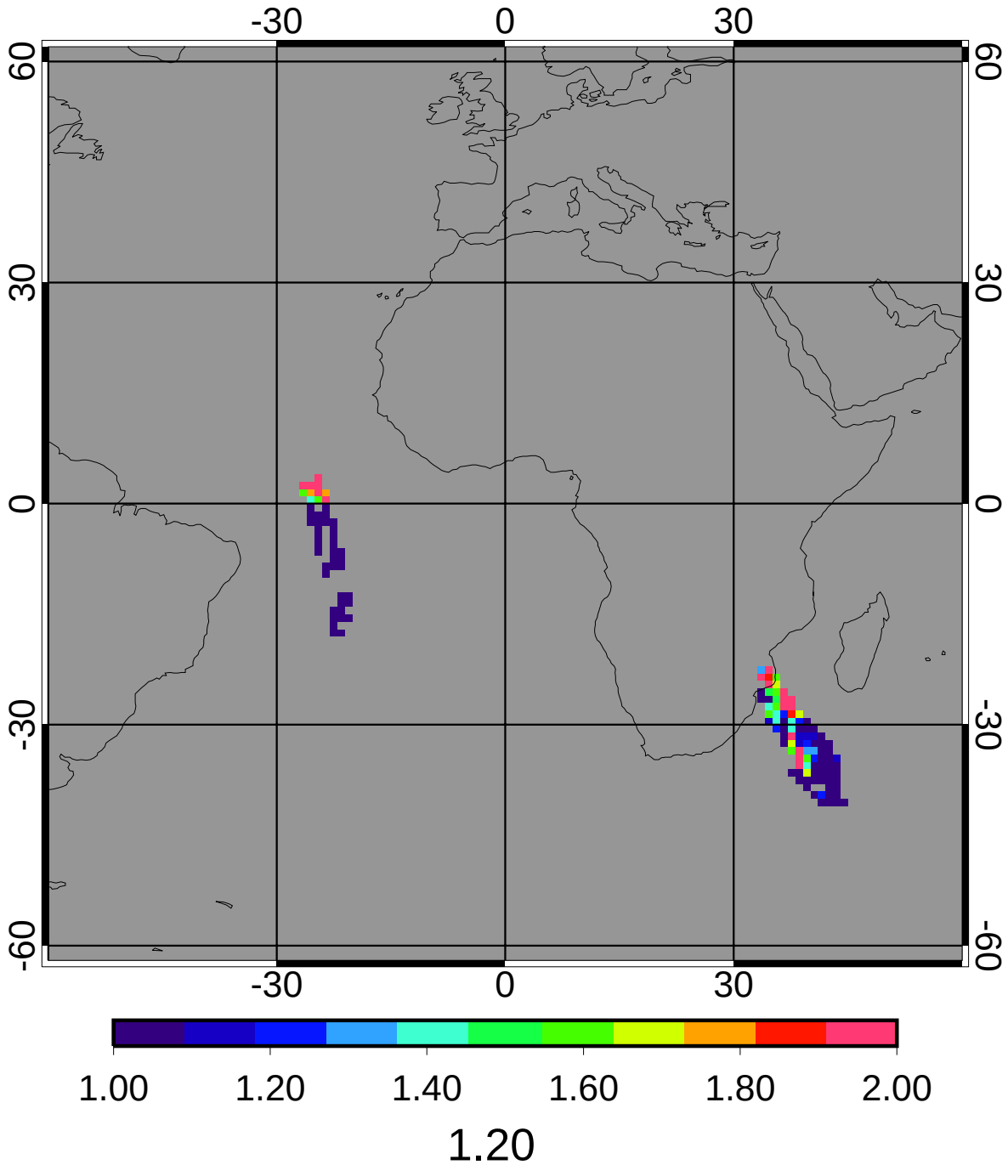
5ch_39cal Jan 2010 (matched angle)



regave rms	0.76	22.00%
domain rms	1.29	37.20%

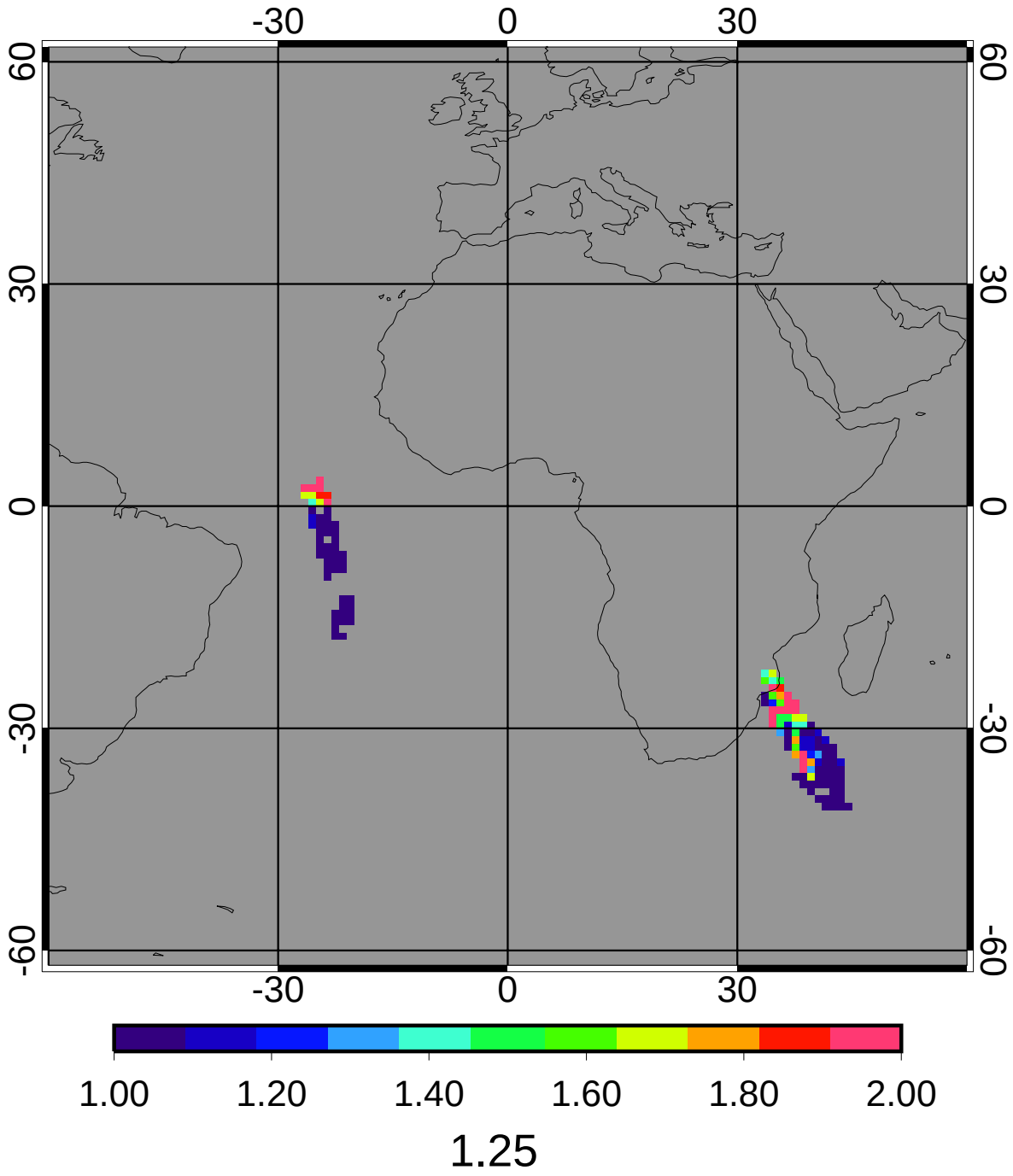
GGEO MEAN Daytime Cloud Phase

5ch_39cal Jan 2010 (matched angle)



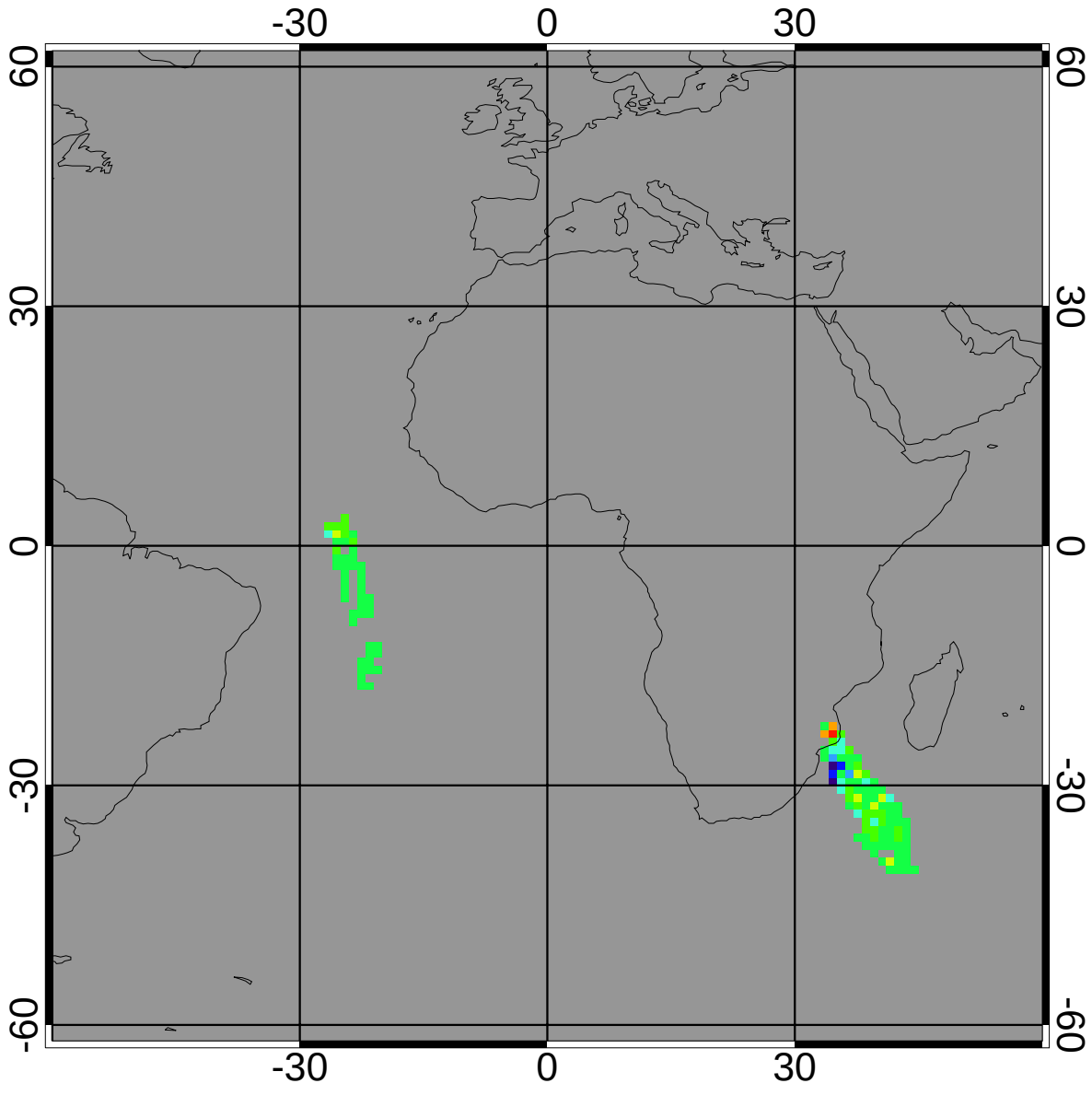
CERES/Aqua MEAN Daytime Cloud Phase

5ch_39cal Jan 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Phase Bias

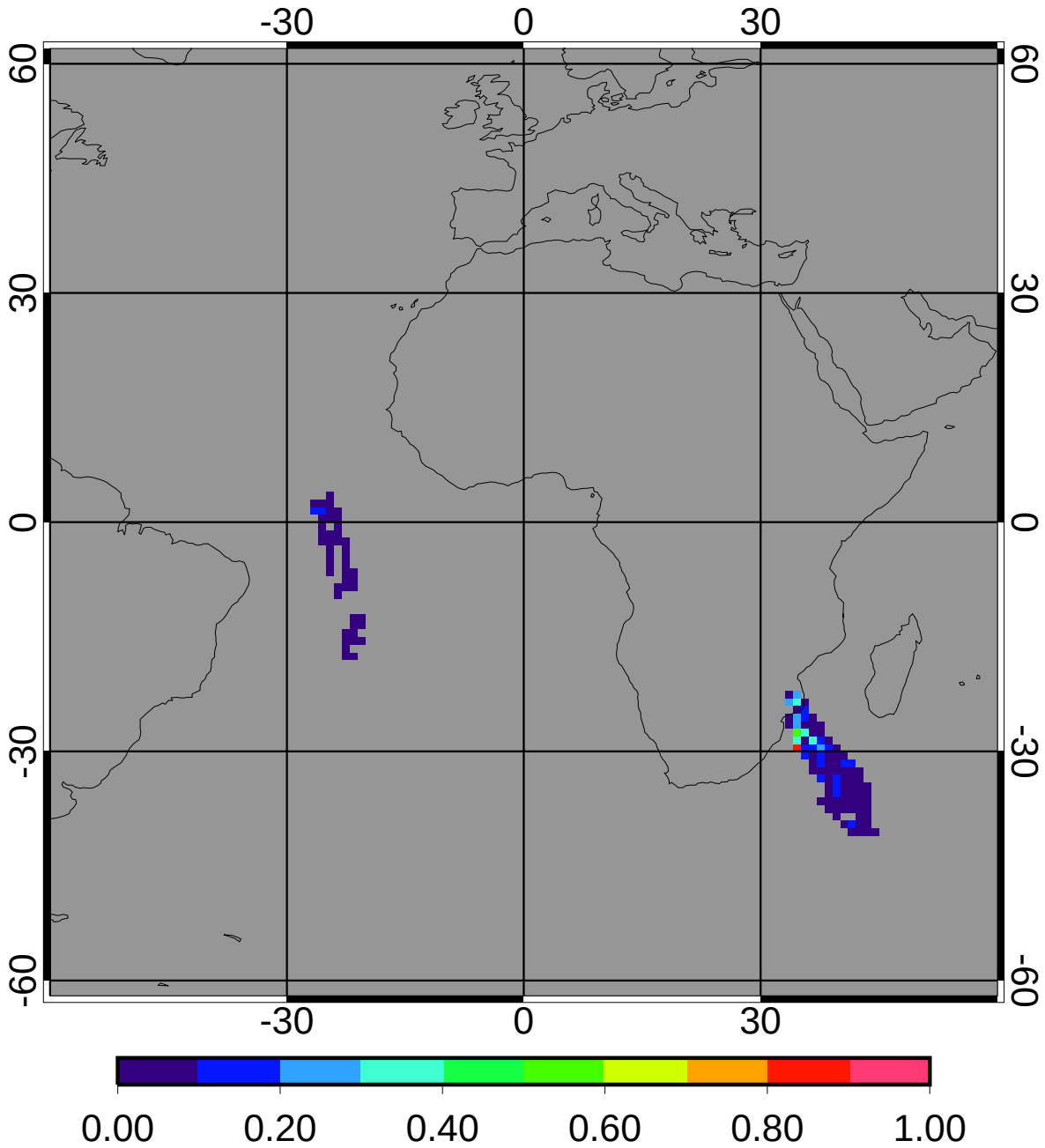
5ch_39cal Jan 2010 (matched angle)



bias	-0.02	-1.42%
domain sigma	0.11	8.89%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

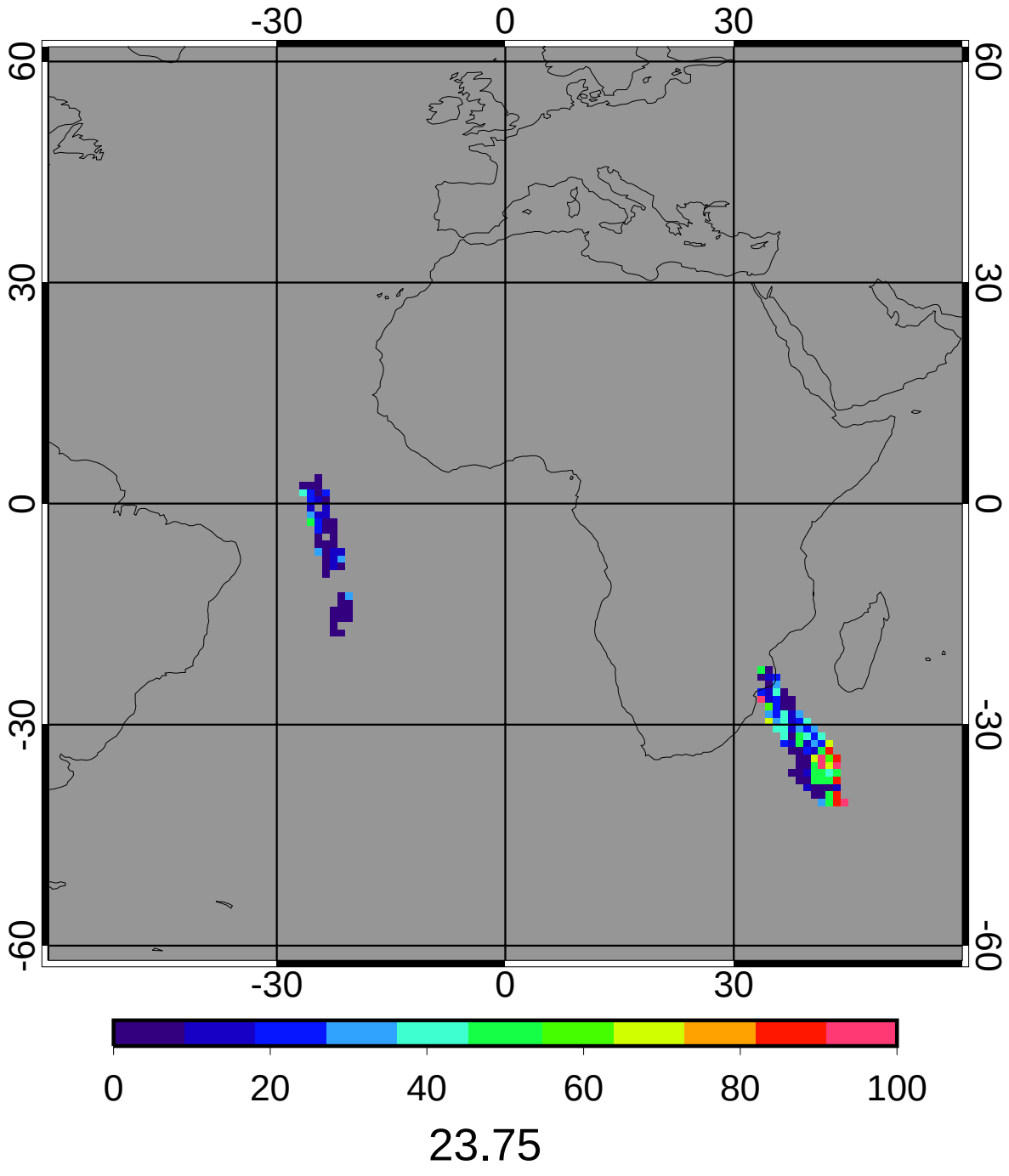
5ch_39cal Jan 2010 (matched angle)



regave rms	0.06	4.83%
domain rms	0.13	10.21%

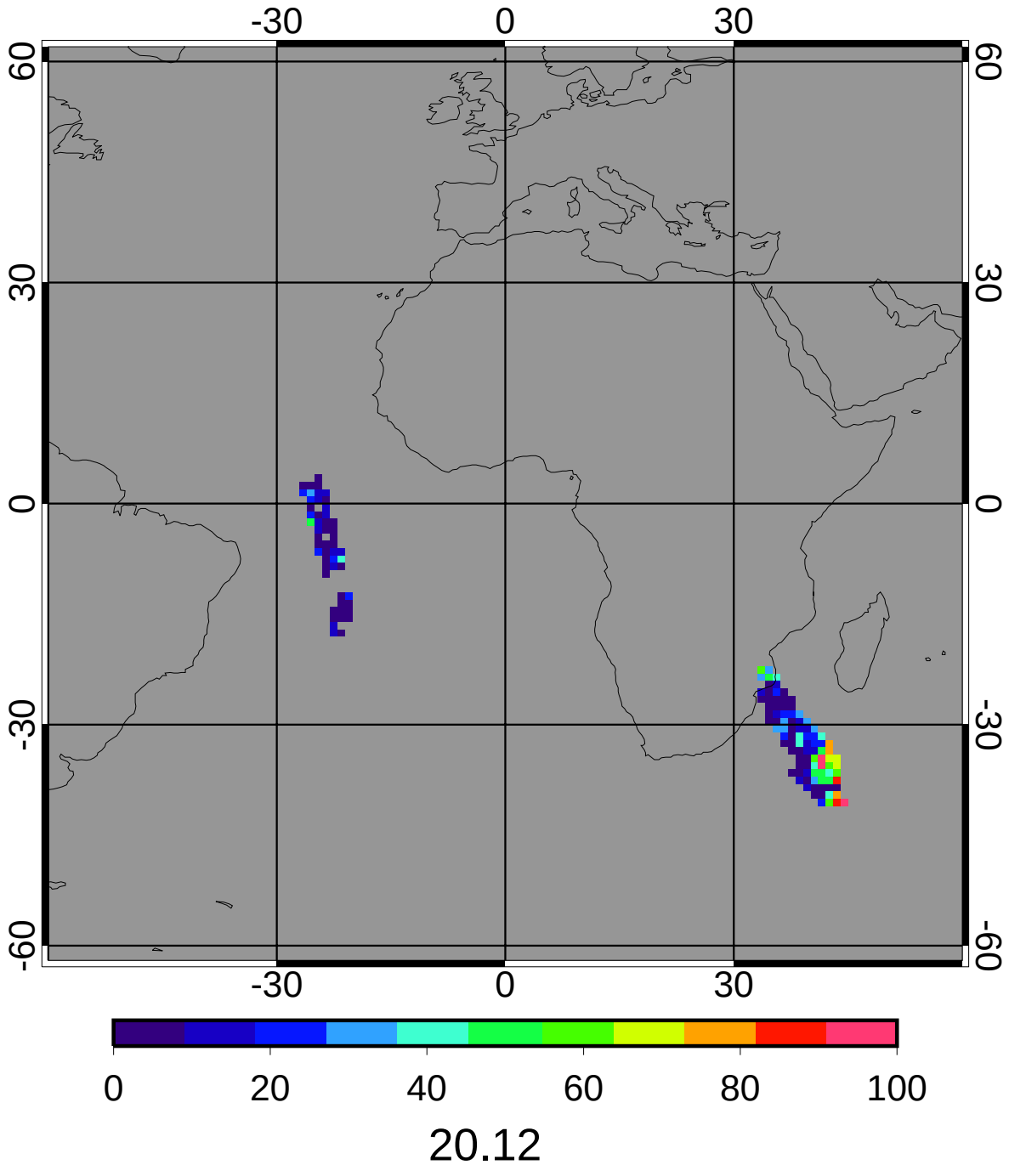
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Jan 2010 (matched angle)



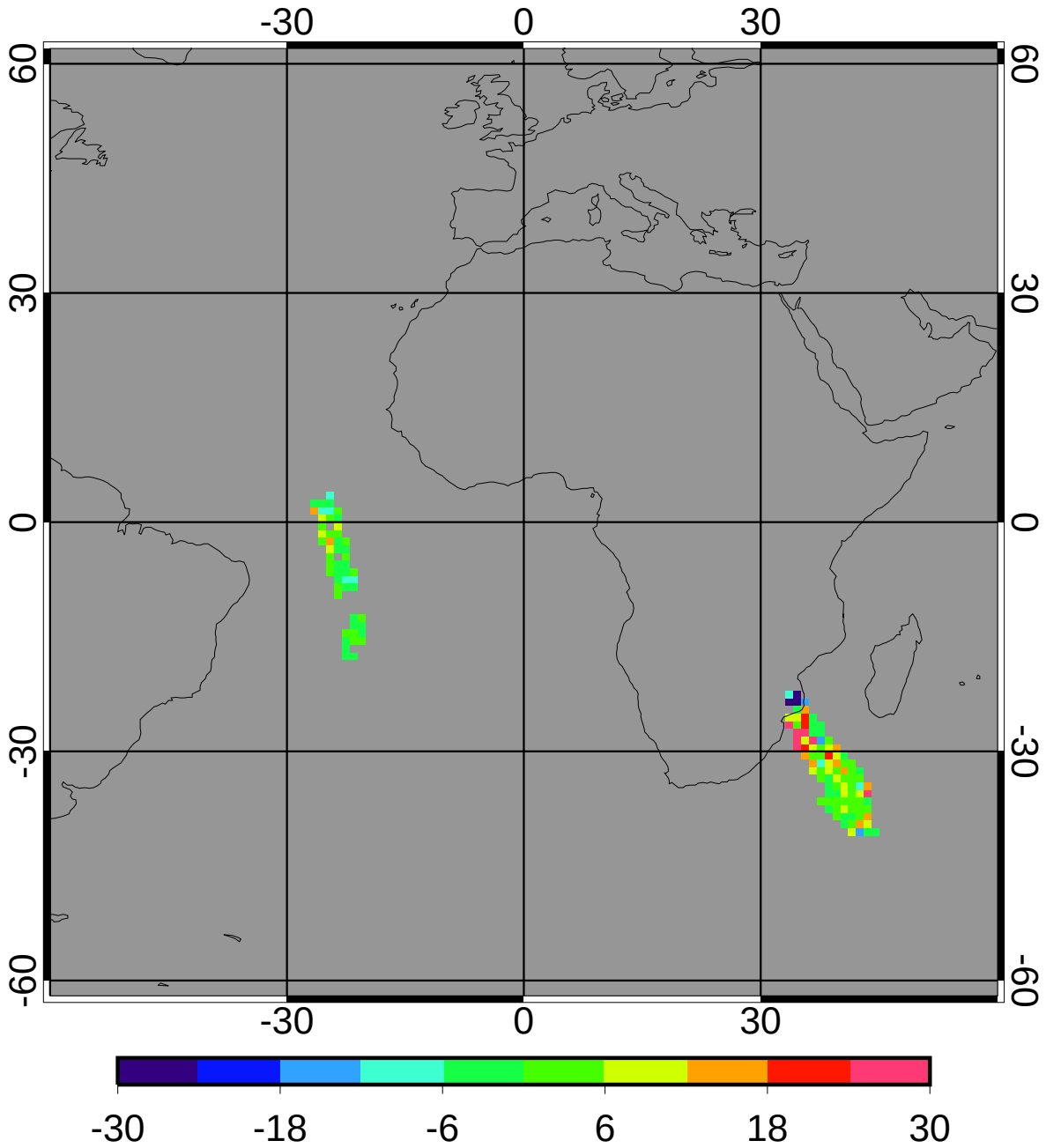
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Jan 2010 (matched angle)



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

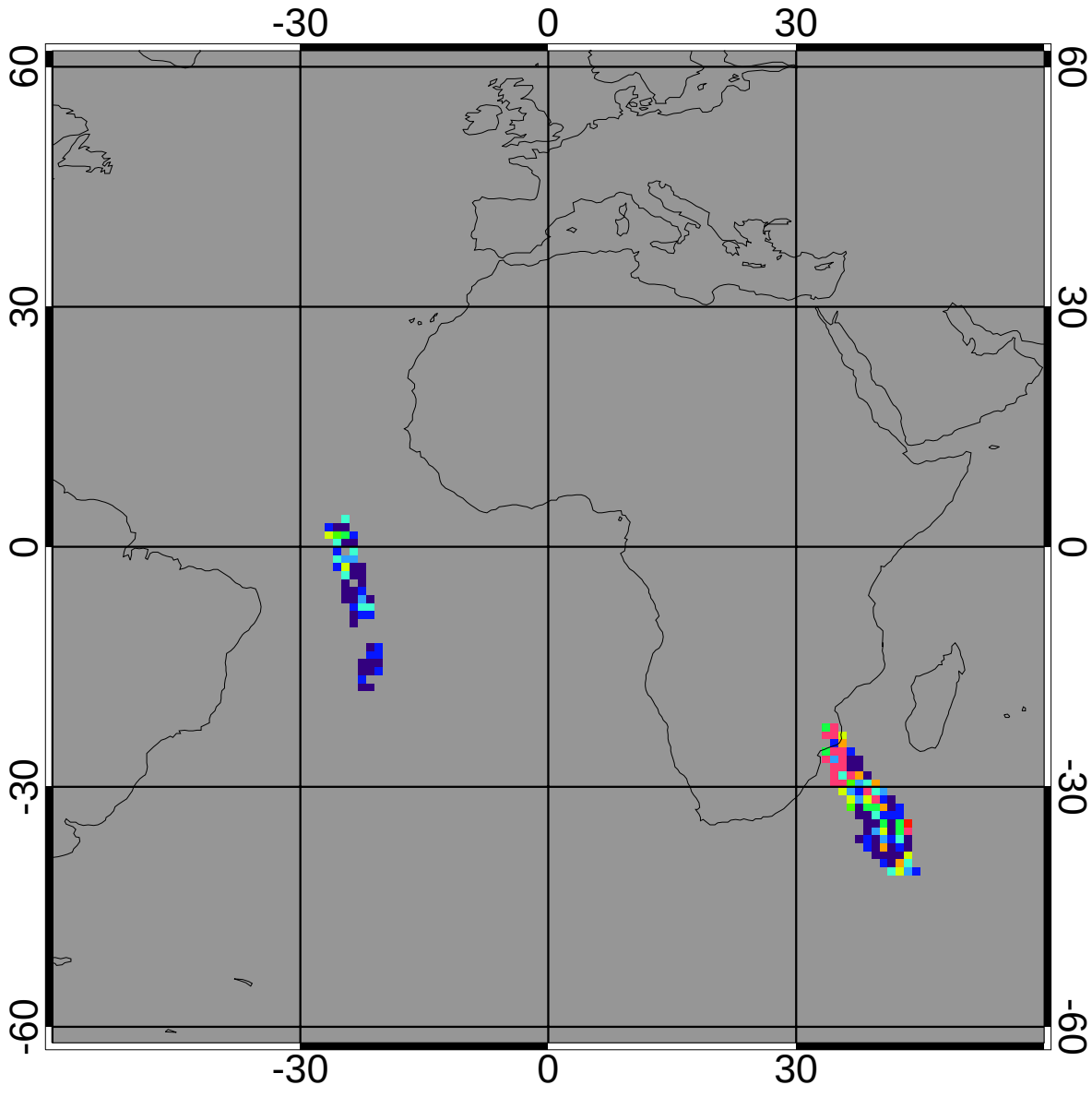
5ch_39cal Jan 2010 (matched angle)



bias	3.63	18.04%
domain sigma	12.08	60.05%

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

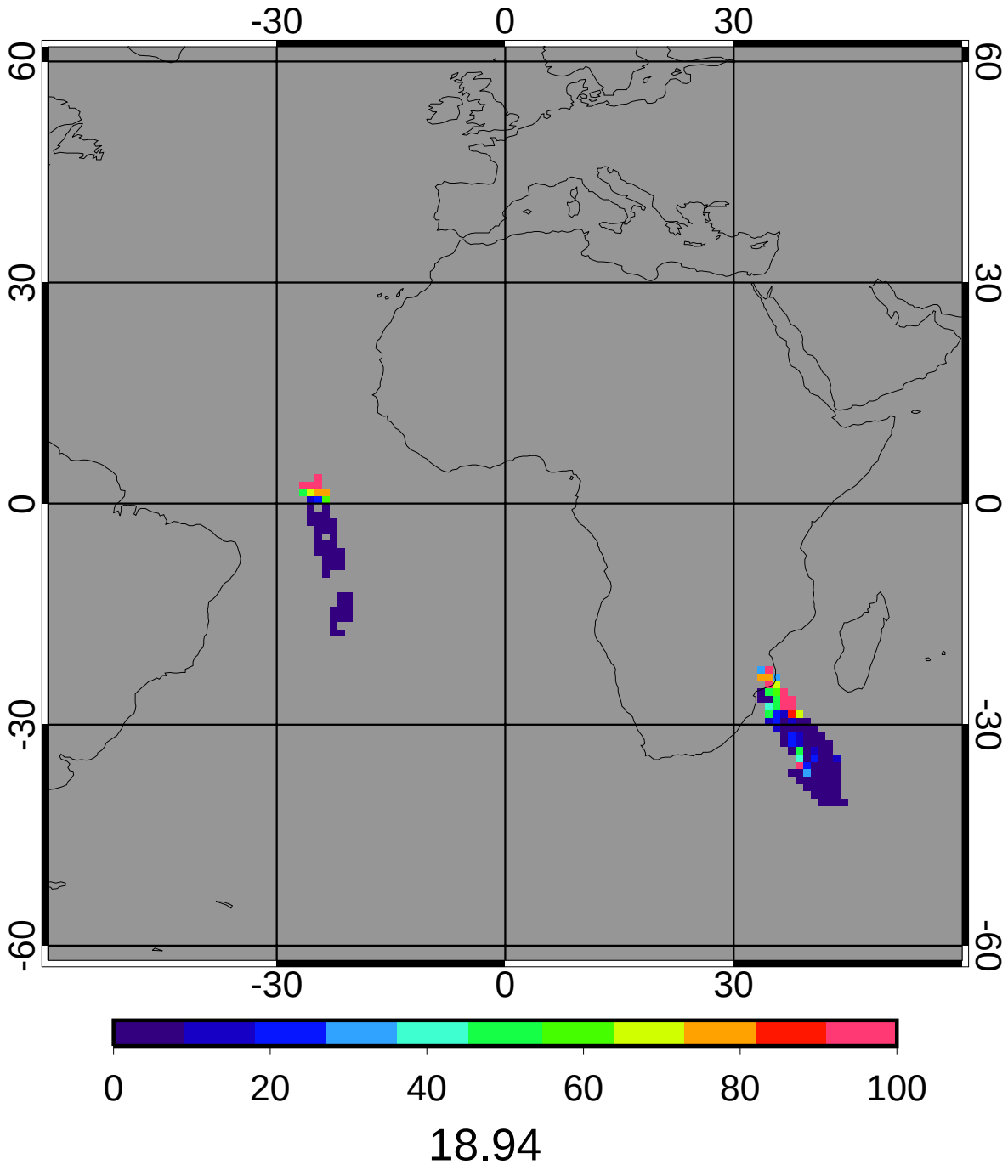
5ch_39cal Jan 2010 (matched angle)



regave rms	7.83	38.90%
domain rms	13.59	67.56%

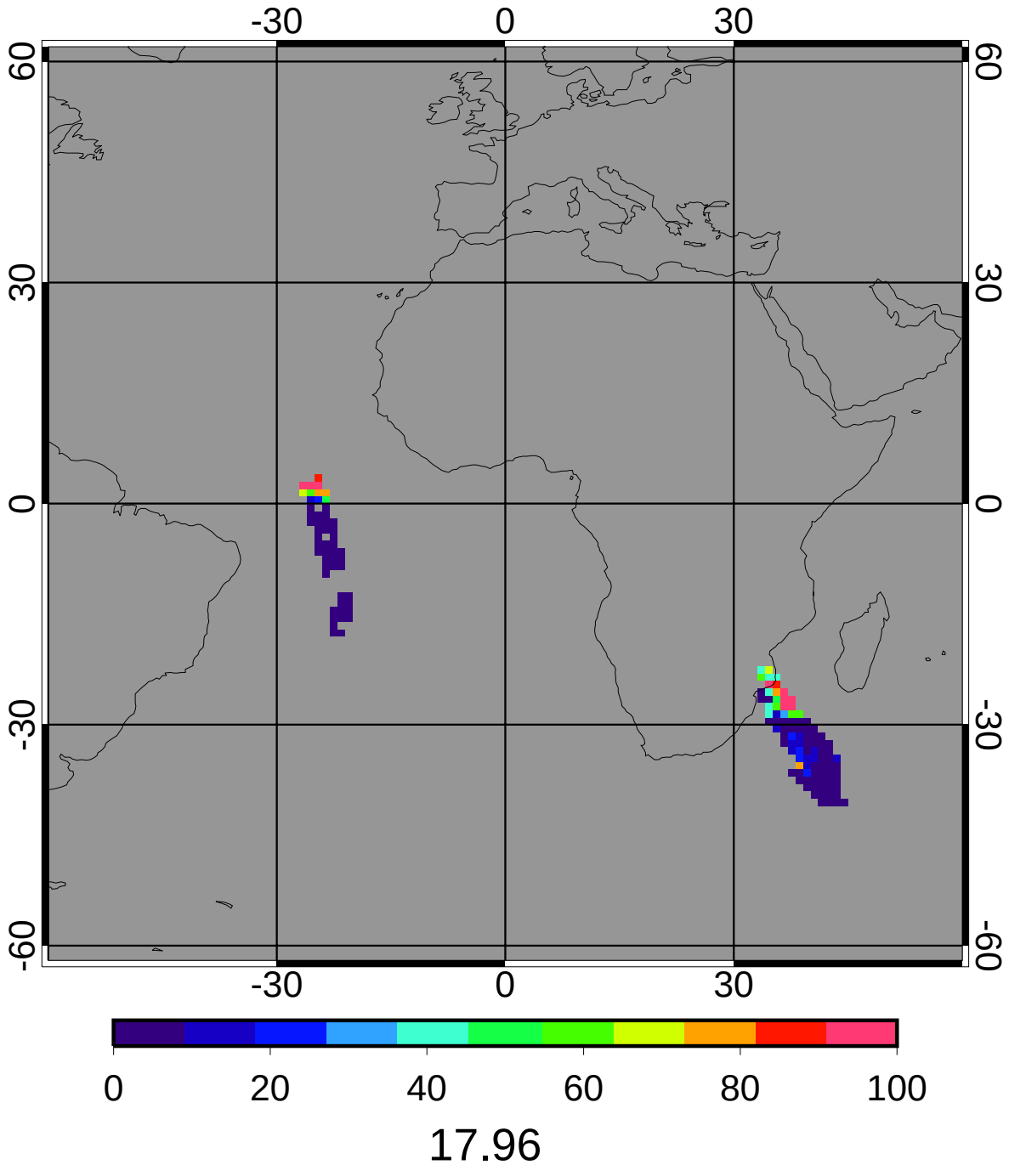
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_39cal Jan 2010 (matched angle)



CERES/Aqua MEAN Daytime Ice Cld Amt (%)

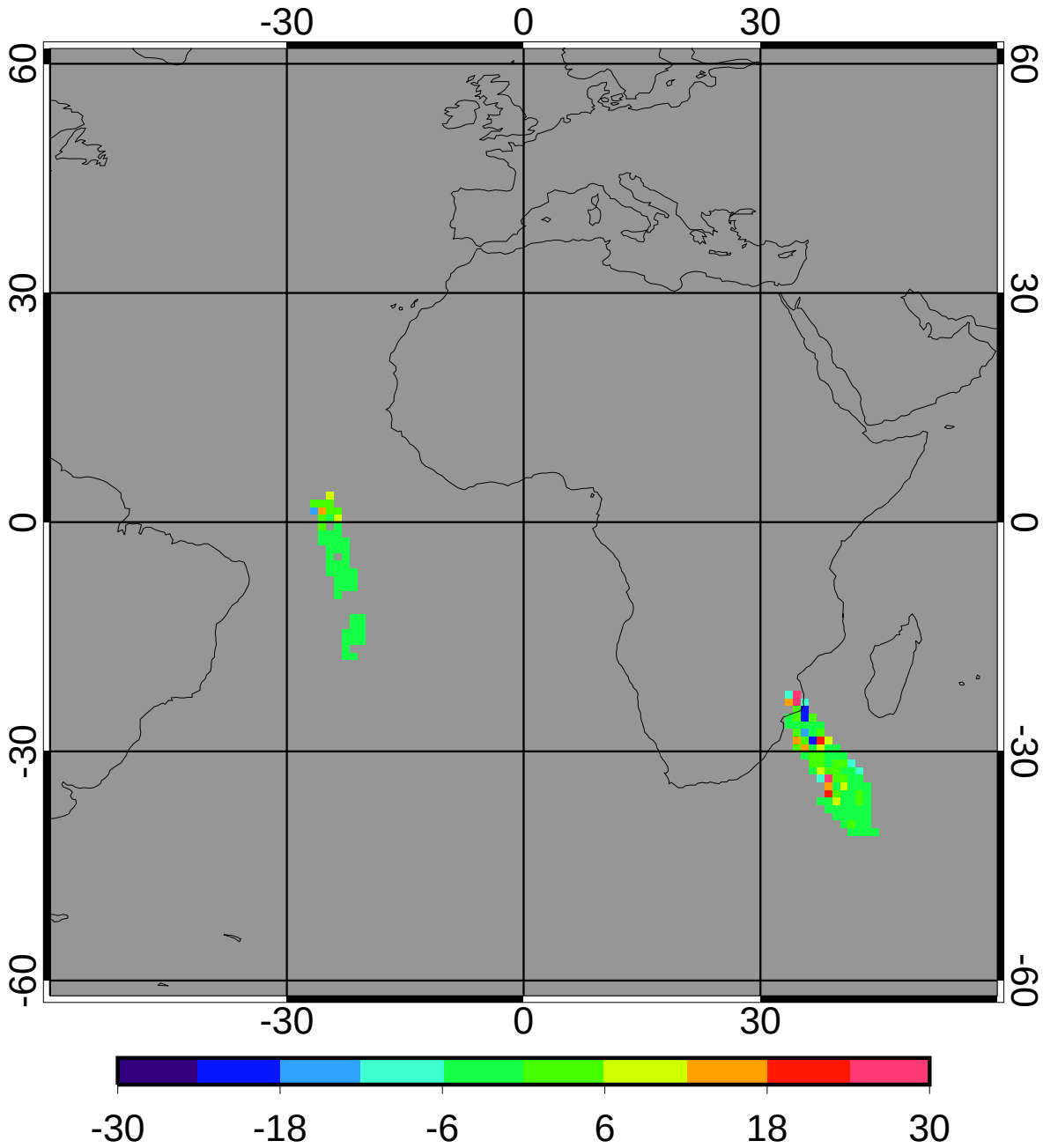
5ch_39cal Jan 2010 (matched angle)



17.96

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

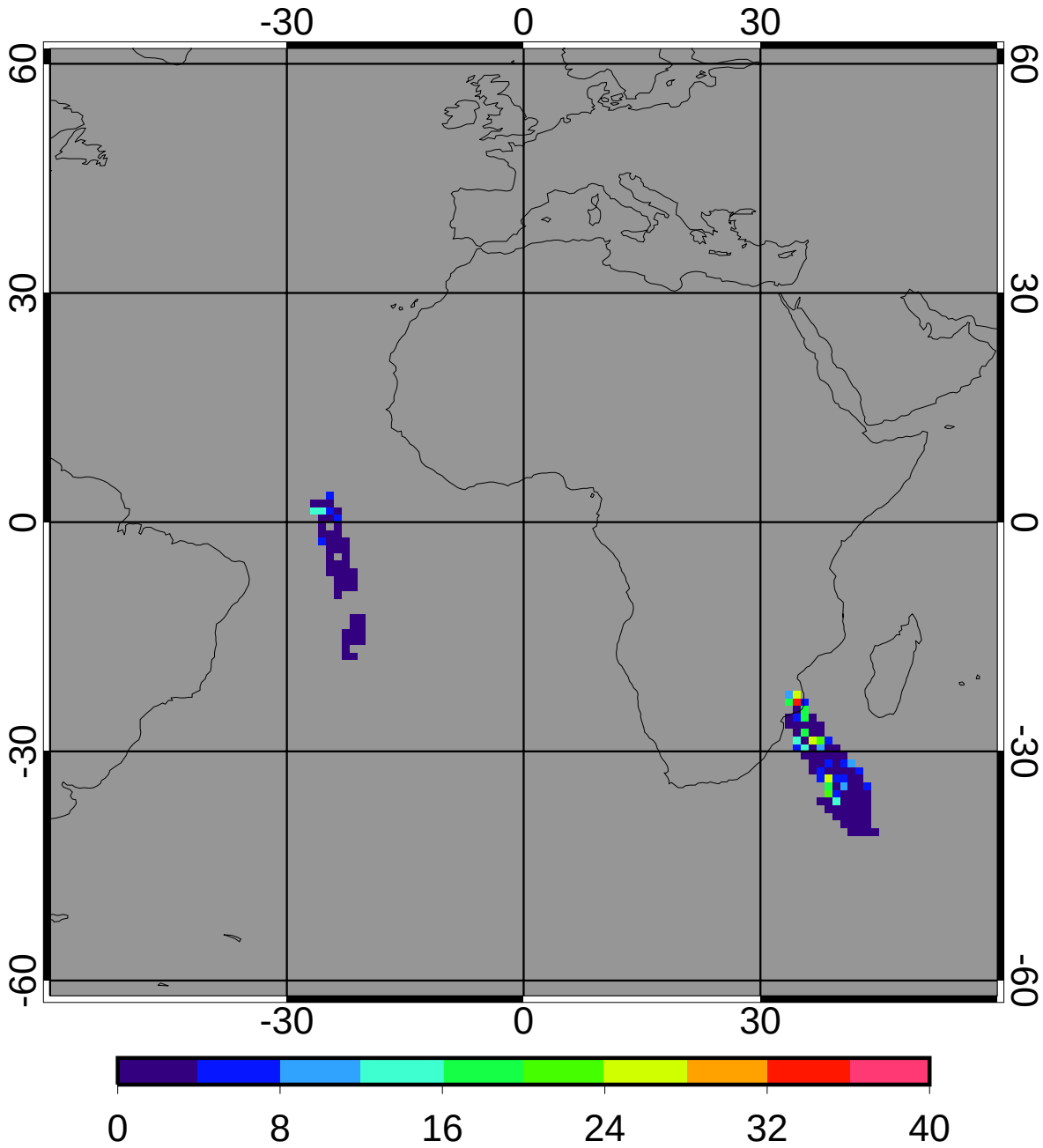
5ch_39cal Jan 2010 (matched angle)



bias	0.98	5.47%
domain sigma	6.23	34.71%

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

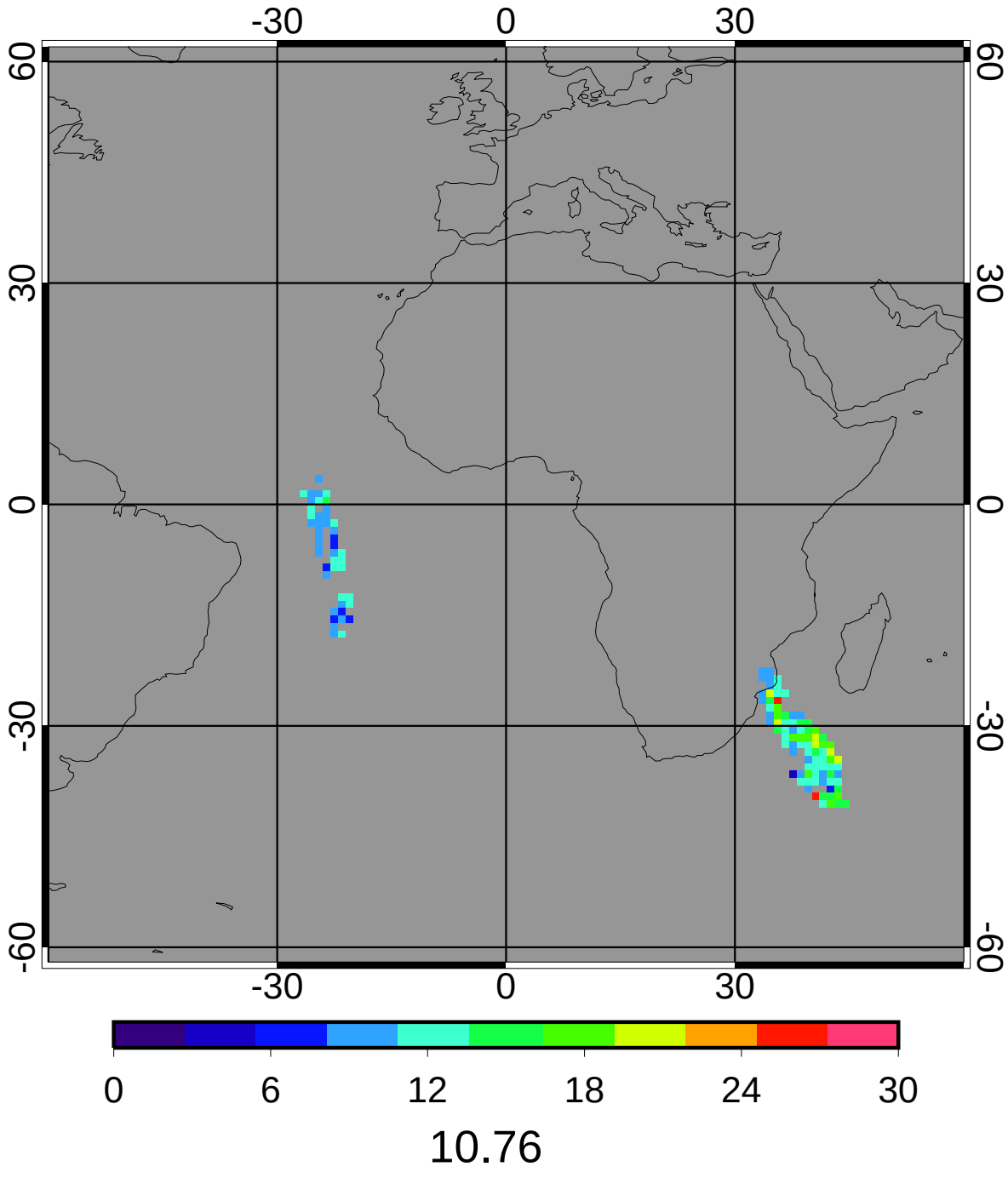
5ch_39cal Jan 2010 (matched angle)



regave rms	3.56	19.83%
domain rms	7.06	39.29%

GGEO MEAN Daytime Liquid Particle Size (microns)

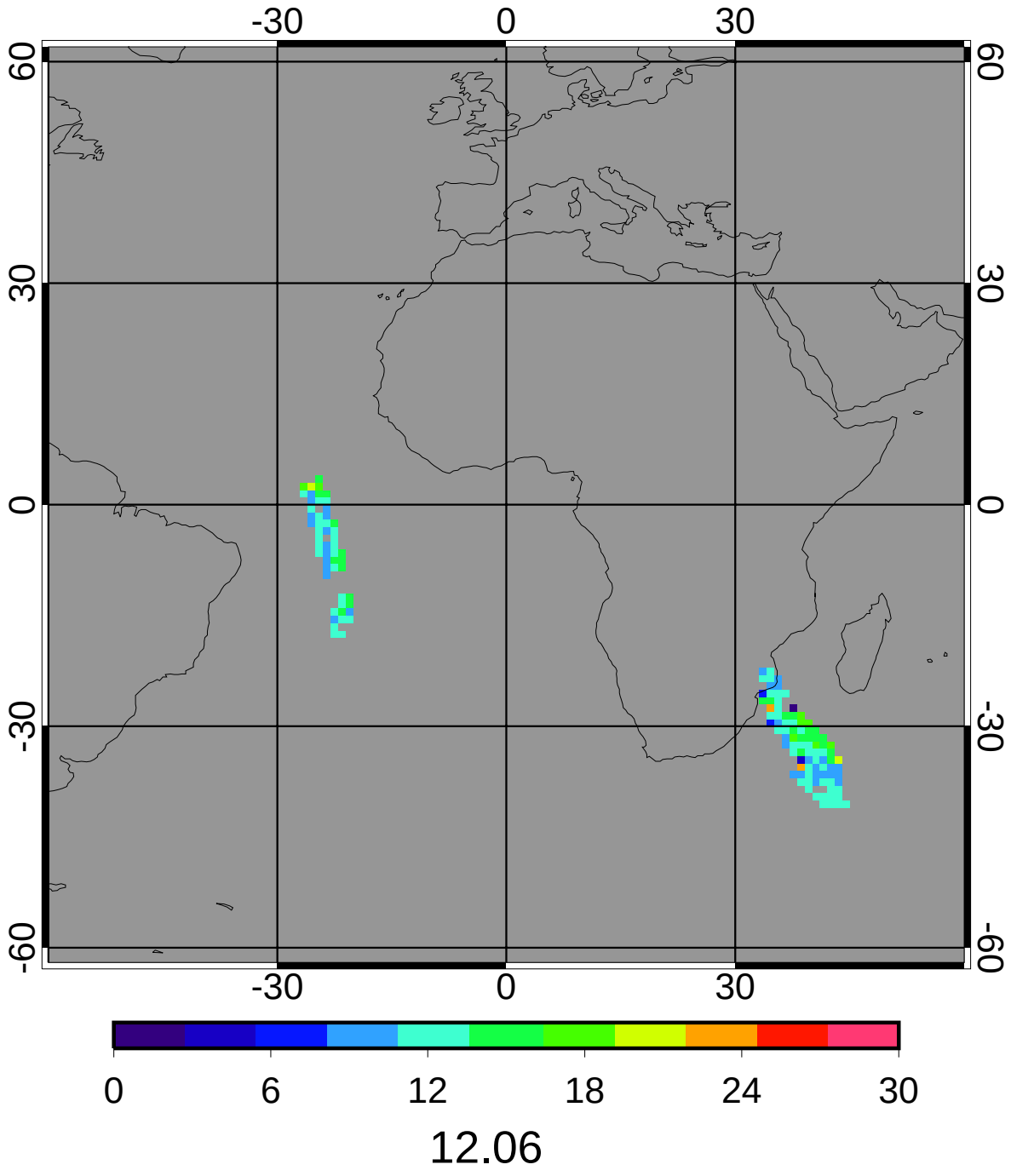
5ch_39cal Jan 2010 (matched angle)



10.76

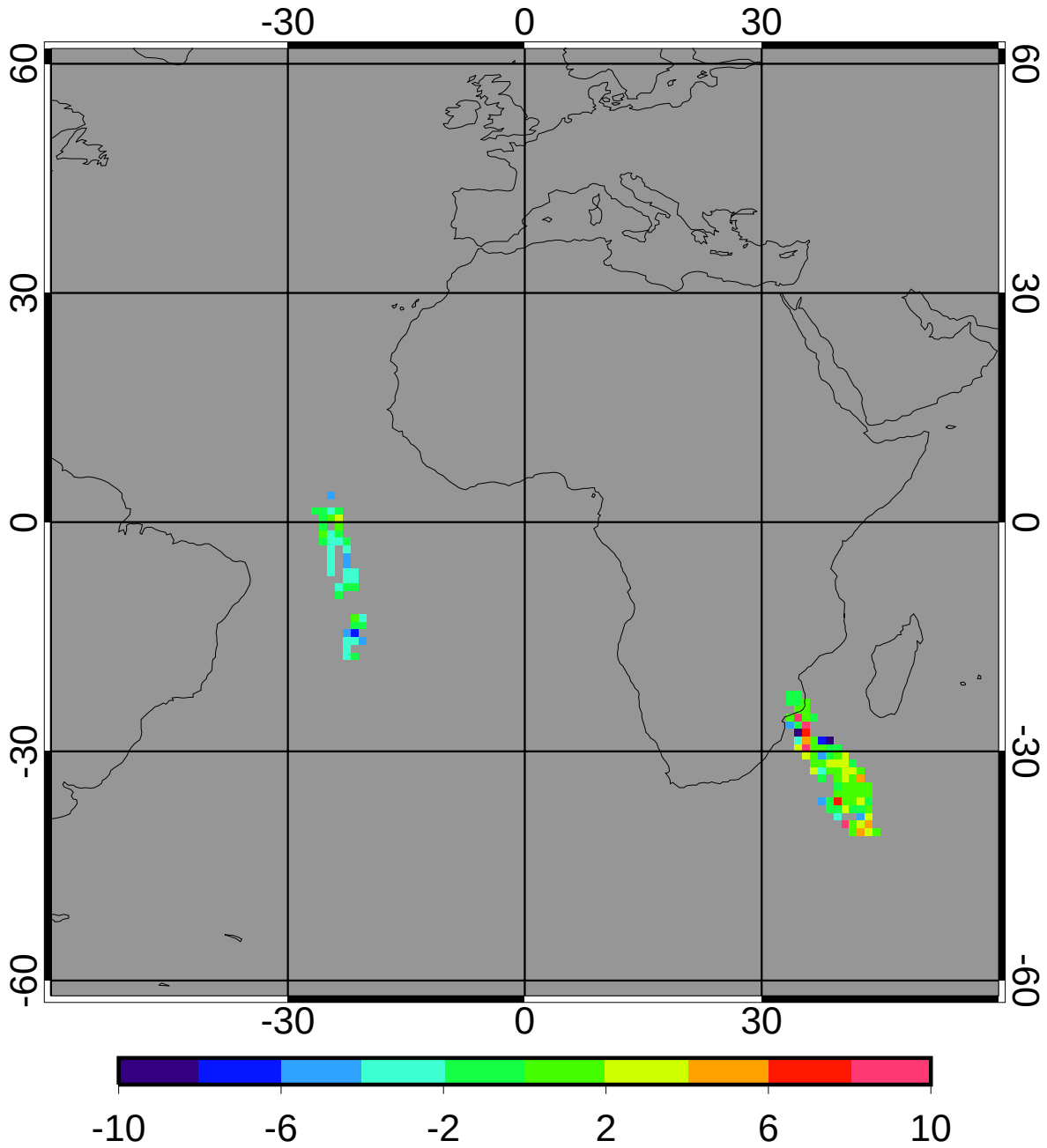
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Jan 2010 (matched angle)



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

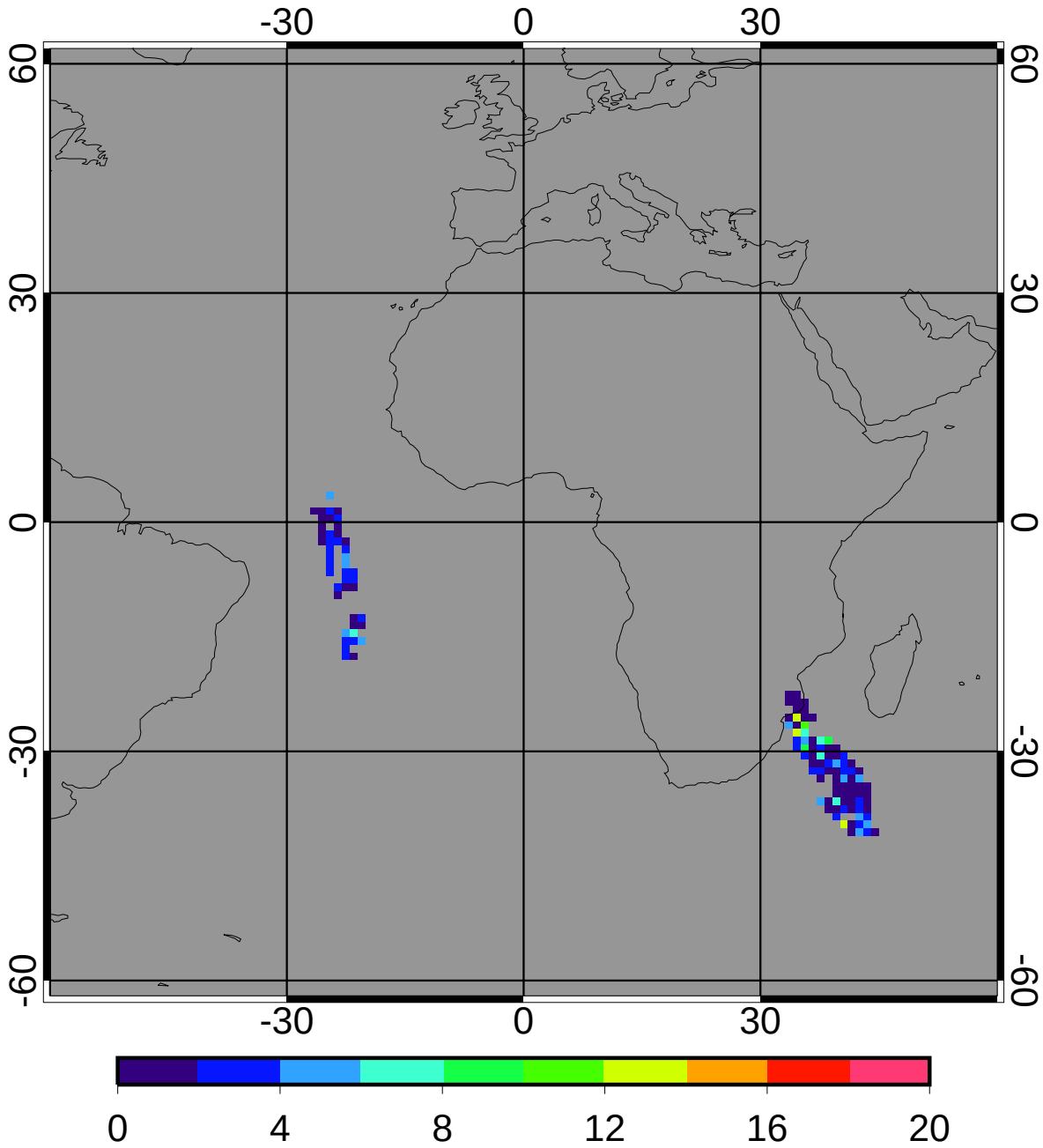
5ch_39cal Jan 2010 (matched angle)



bias	-0.21	-1.77%
domain sigma	3.06	25.34%

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

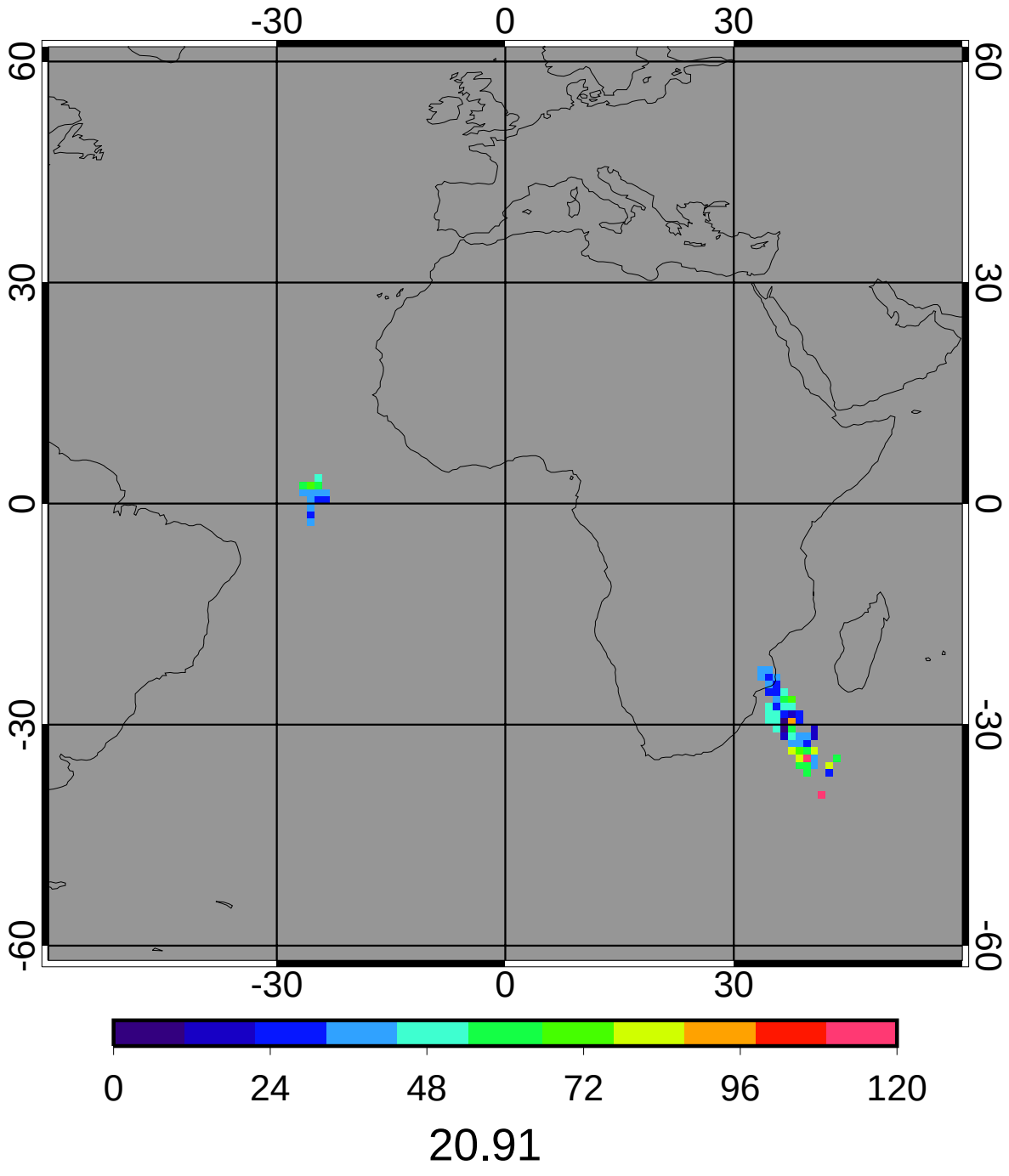
5ch_39cal Jan 2010 (matched angle)



regave rms	2.27	18.80%
domain rms	3.60	29.88%

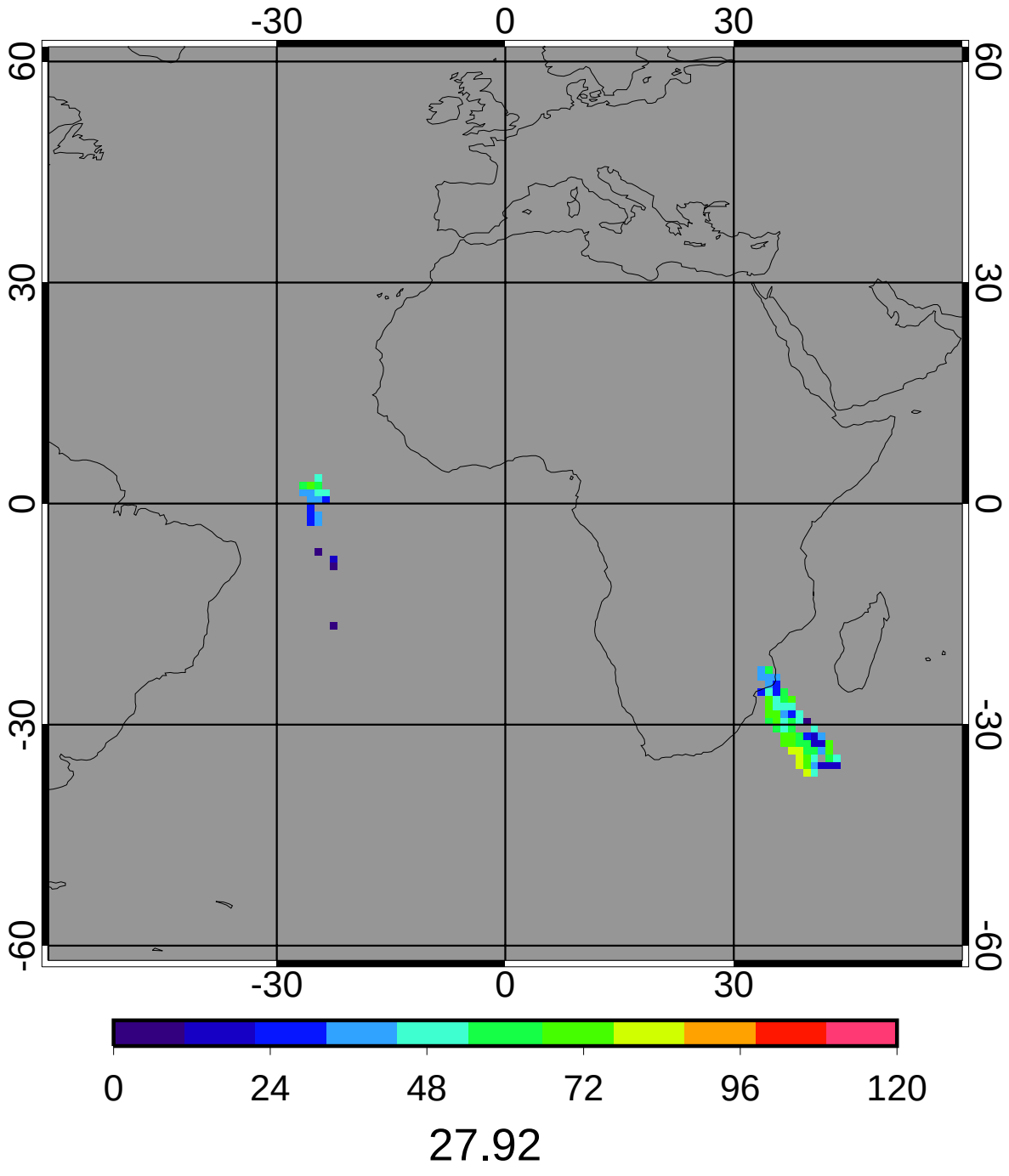
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_39cal Jan 2010 (matched angle)



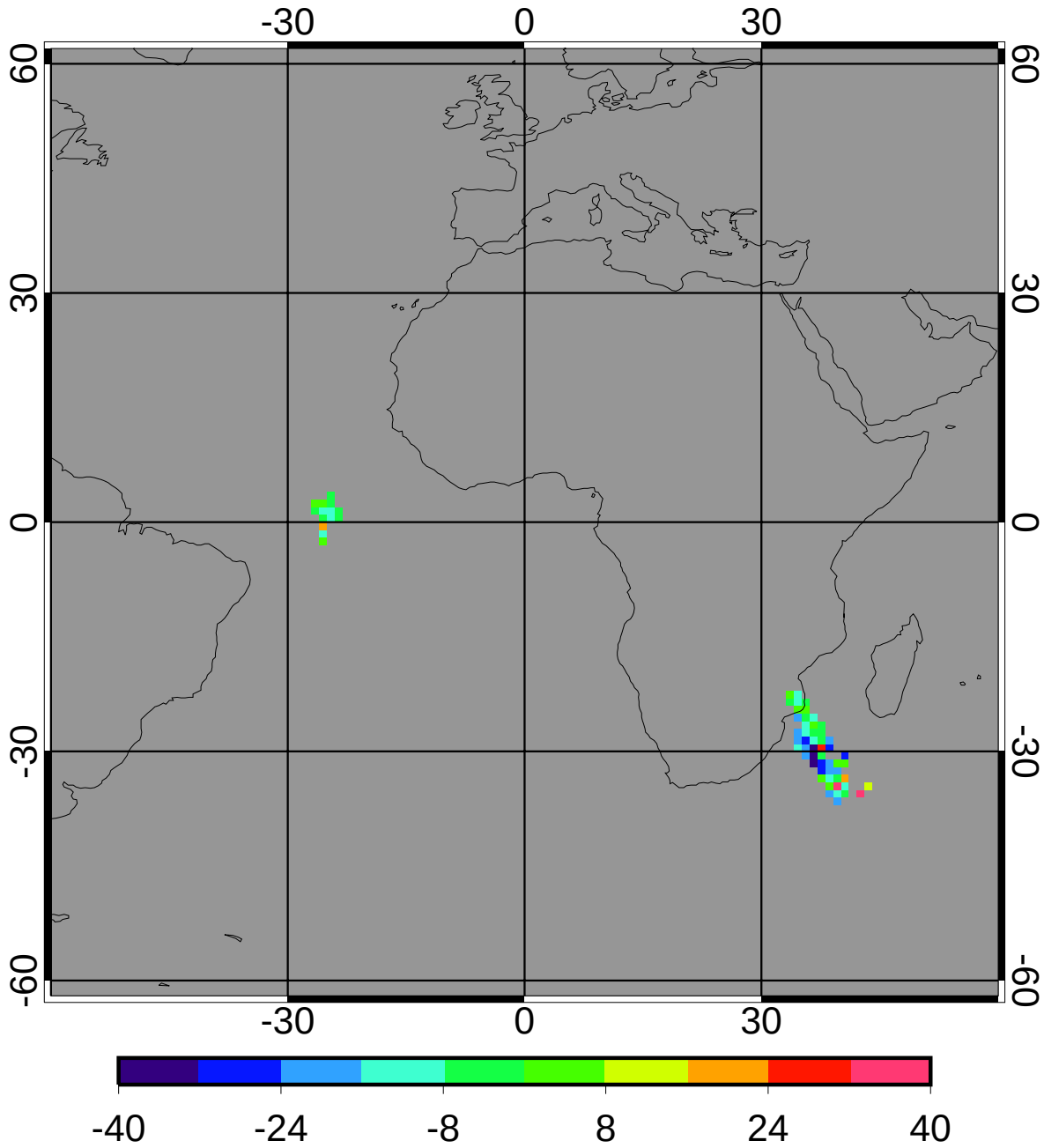
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch_39cal Jan 2010 (matched angle)



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

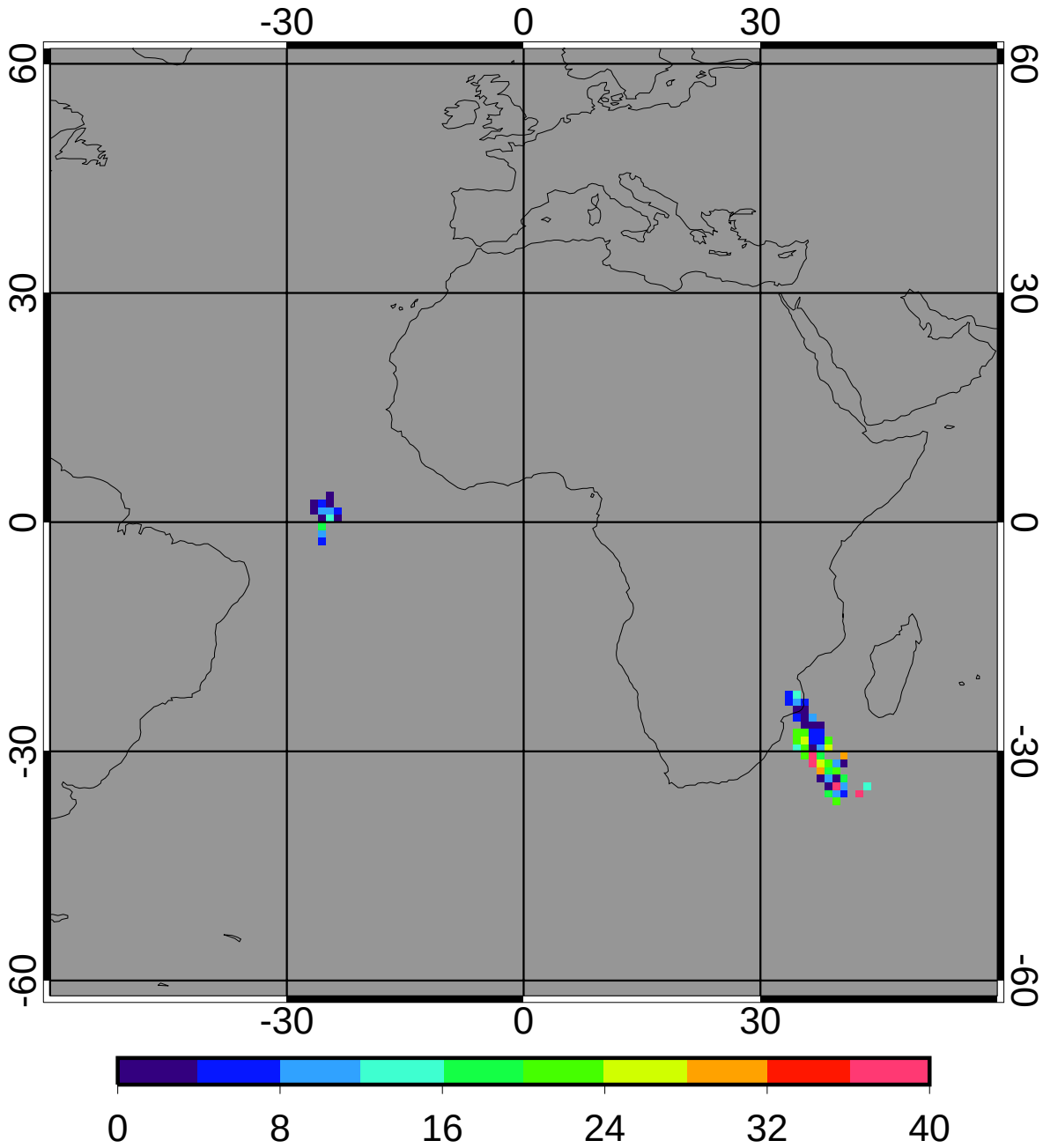
5ch_39cal Jan 2010 (matched angle)



bias	-3.49	-12.51%
domain sigma	16.29	58.34%

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

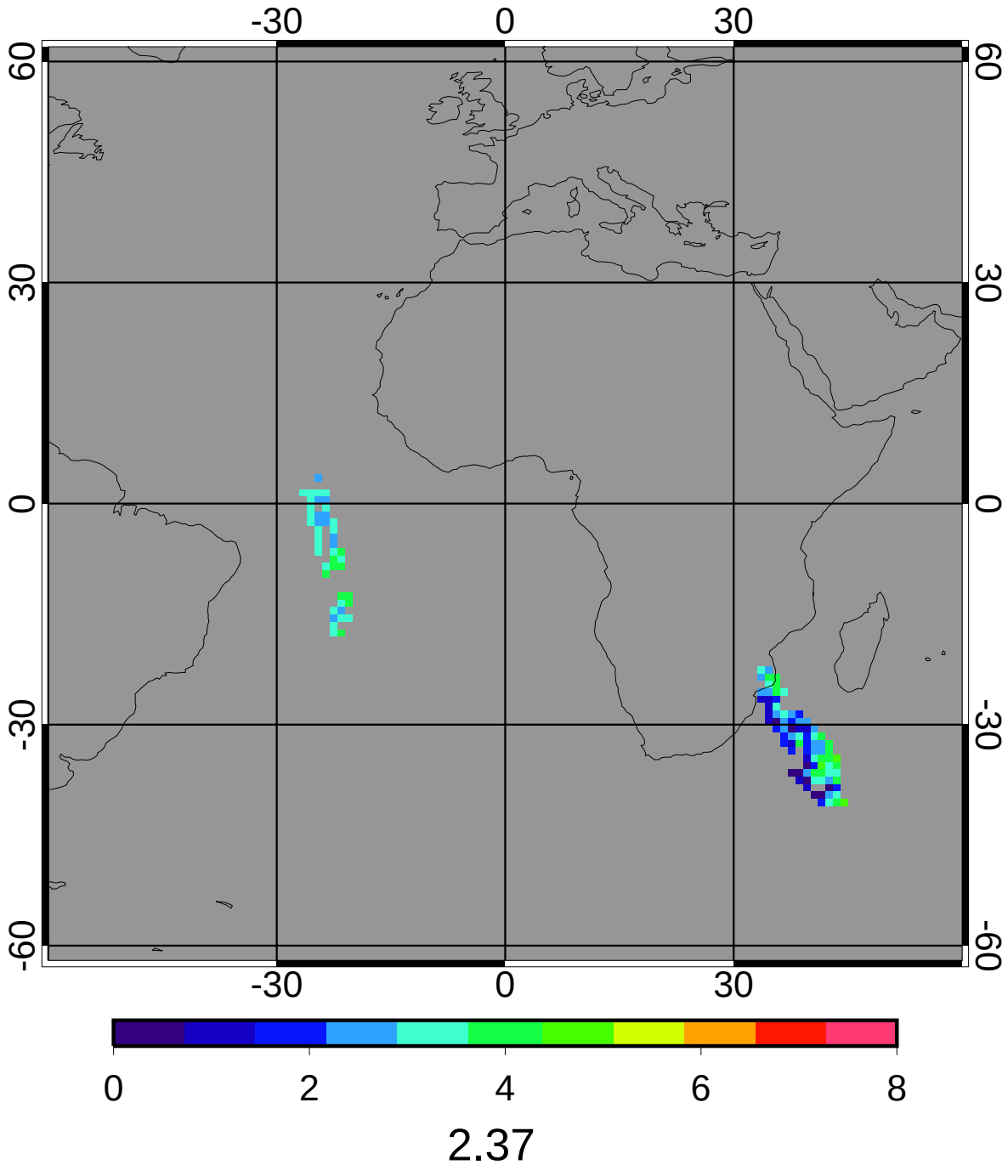
5ch_39cal Jan 2010 (matched angle)



regave rms	6.06	21.71%
domain rms	18.23	65.30%

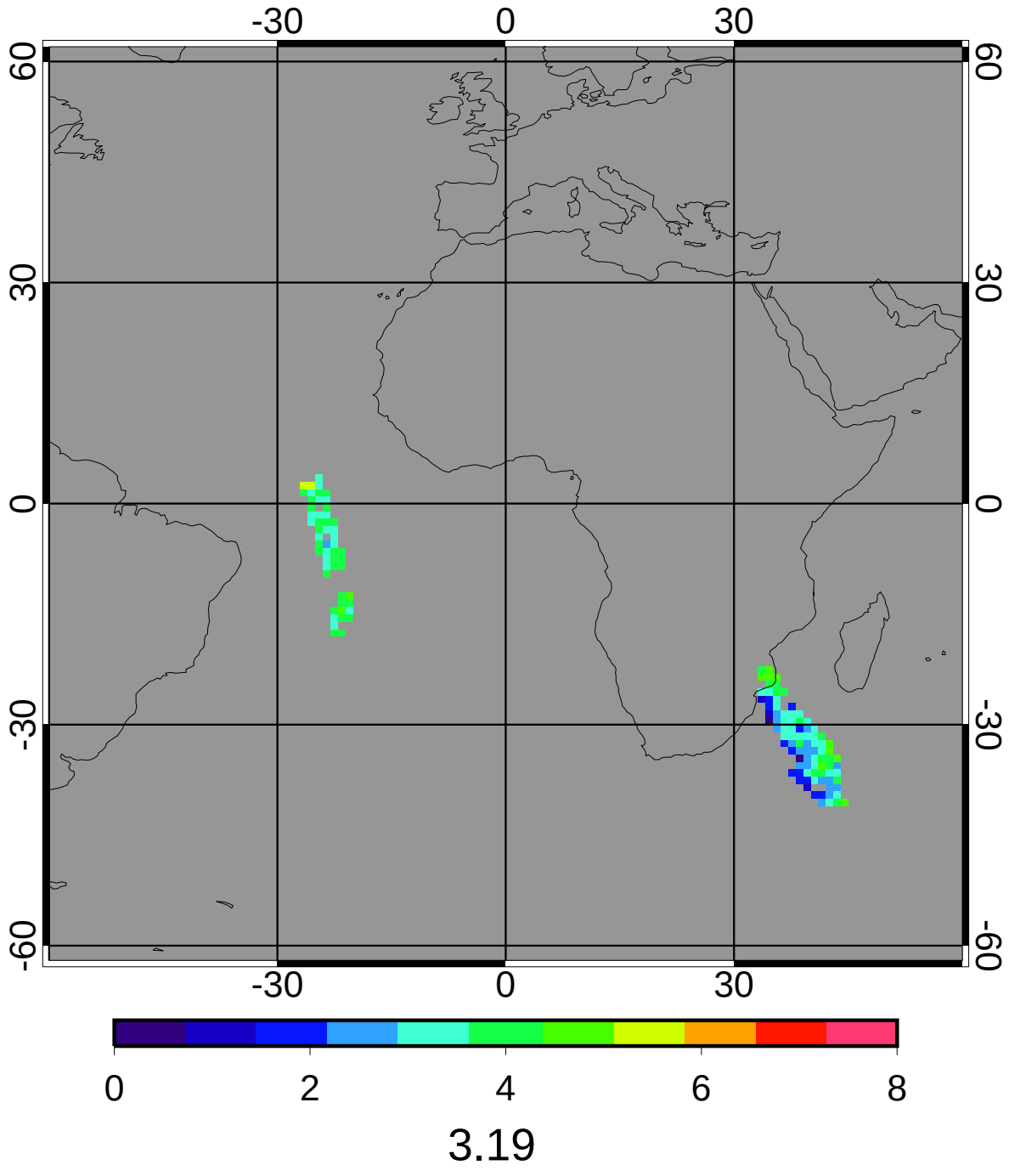
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



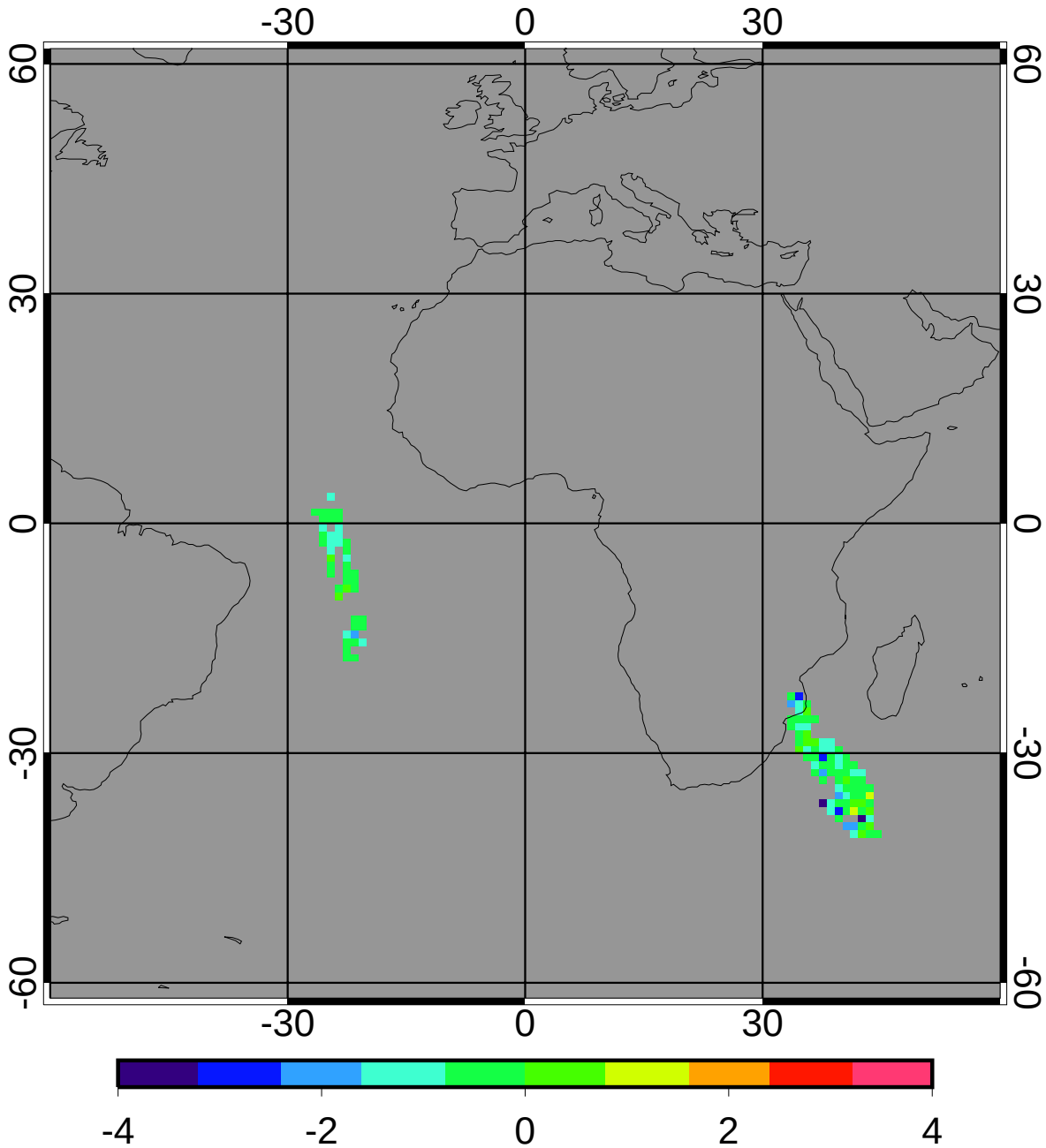
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



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

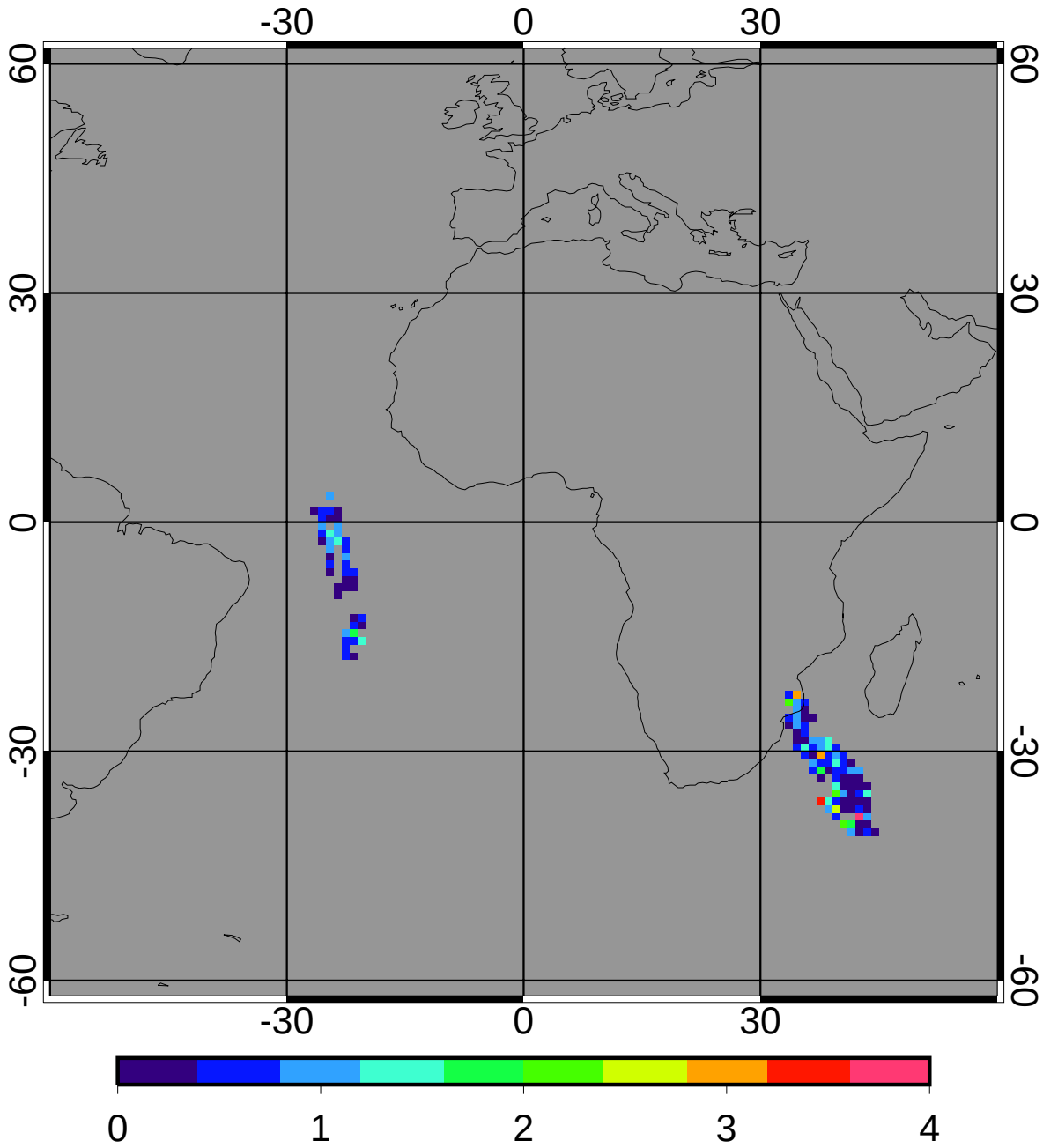
5ch_39cal Jan 2010 (matched angle)



bias	-0.56	-17.59%
domain sigma	0.65	20.25%

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

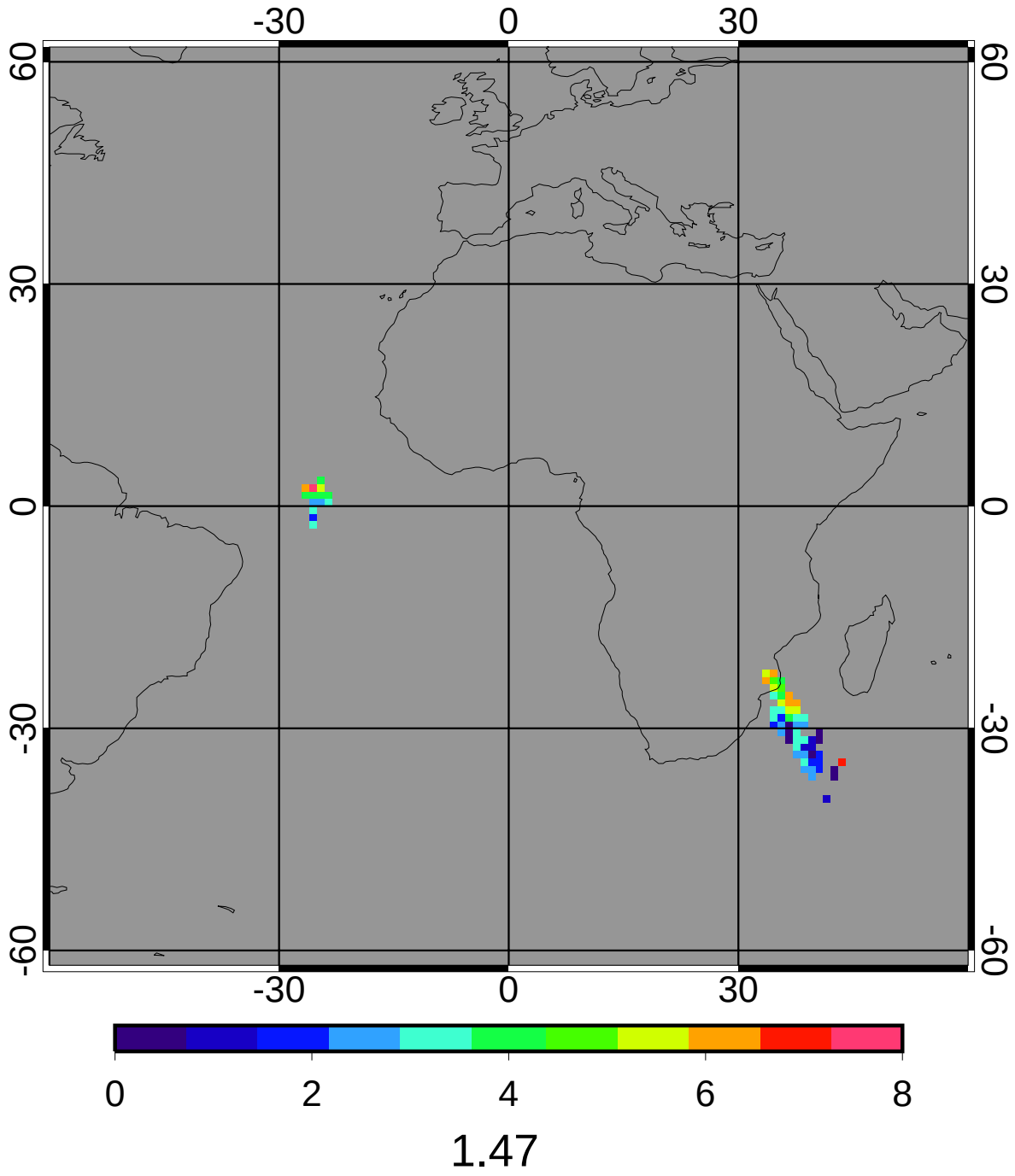
5ch_39cal Jan 2010 (matched angle)



regave rms	0.63	19.85%
domain rms	0.96	30.05%

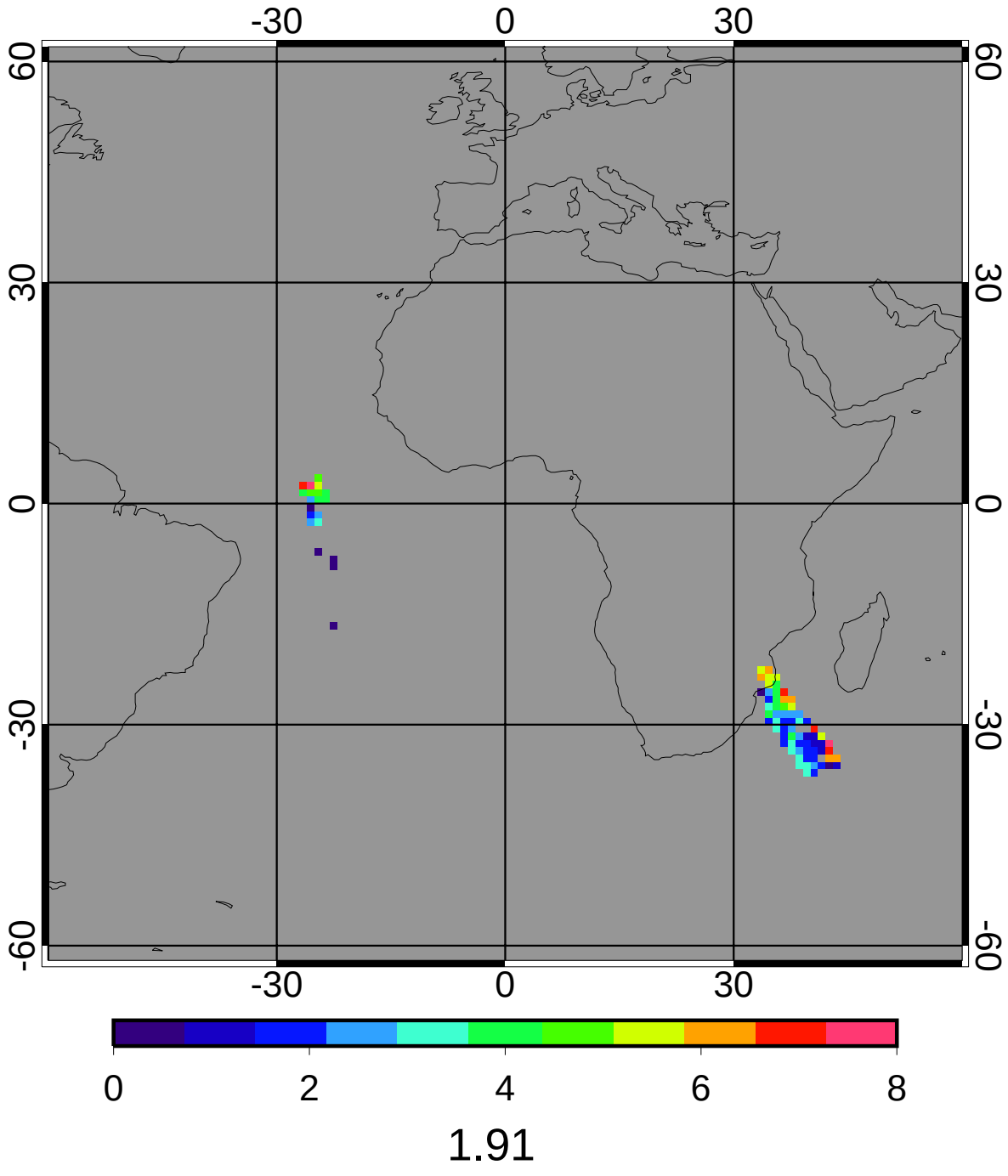
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



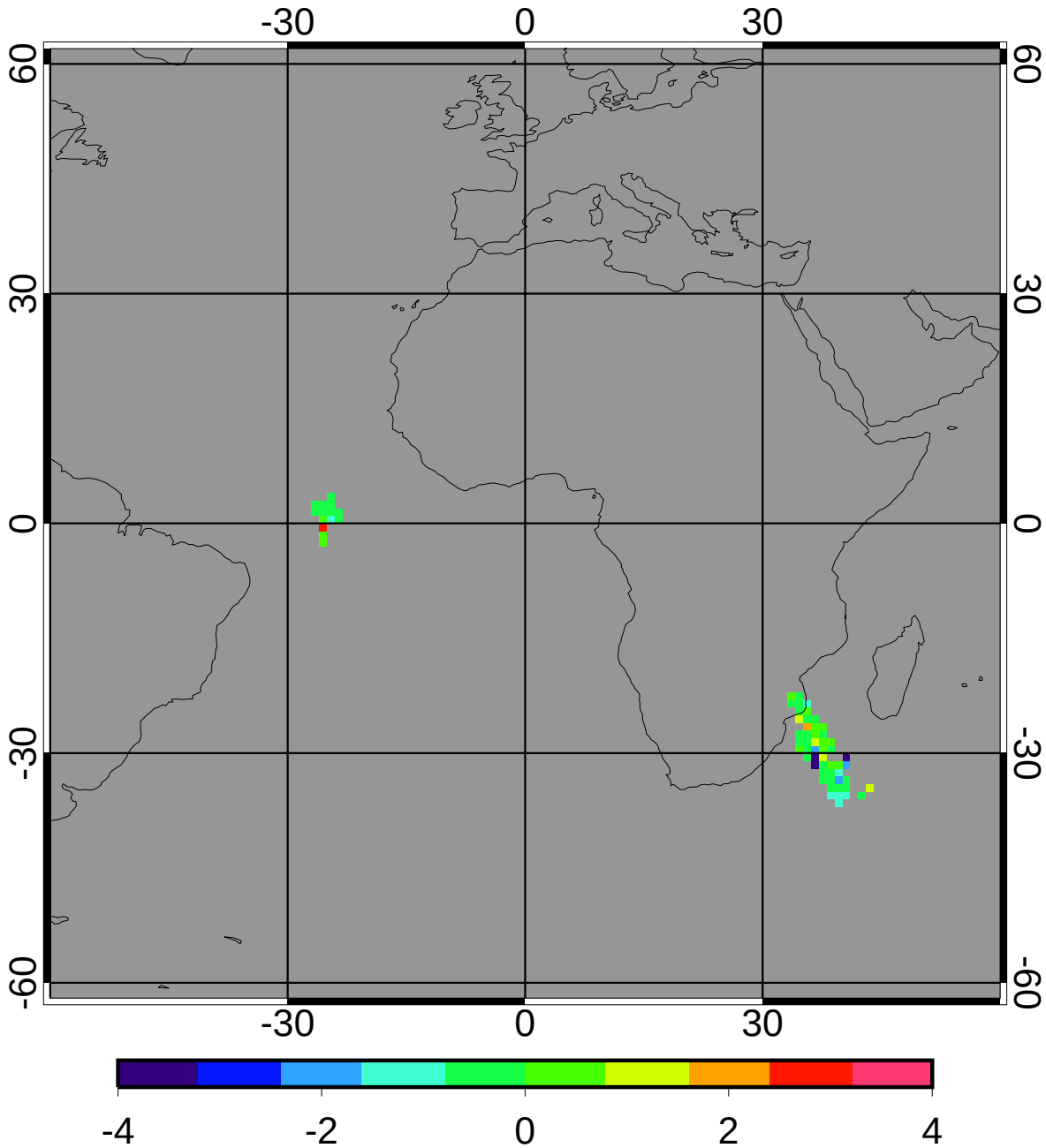
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



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

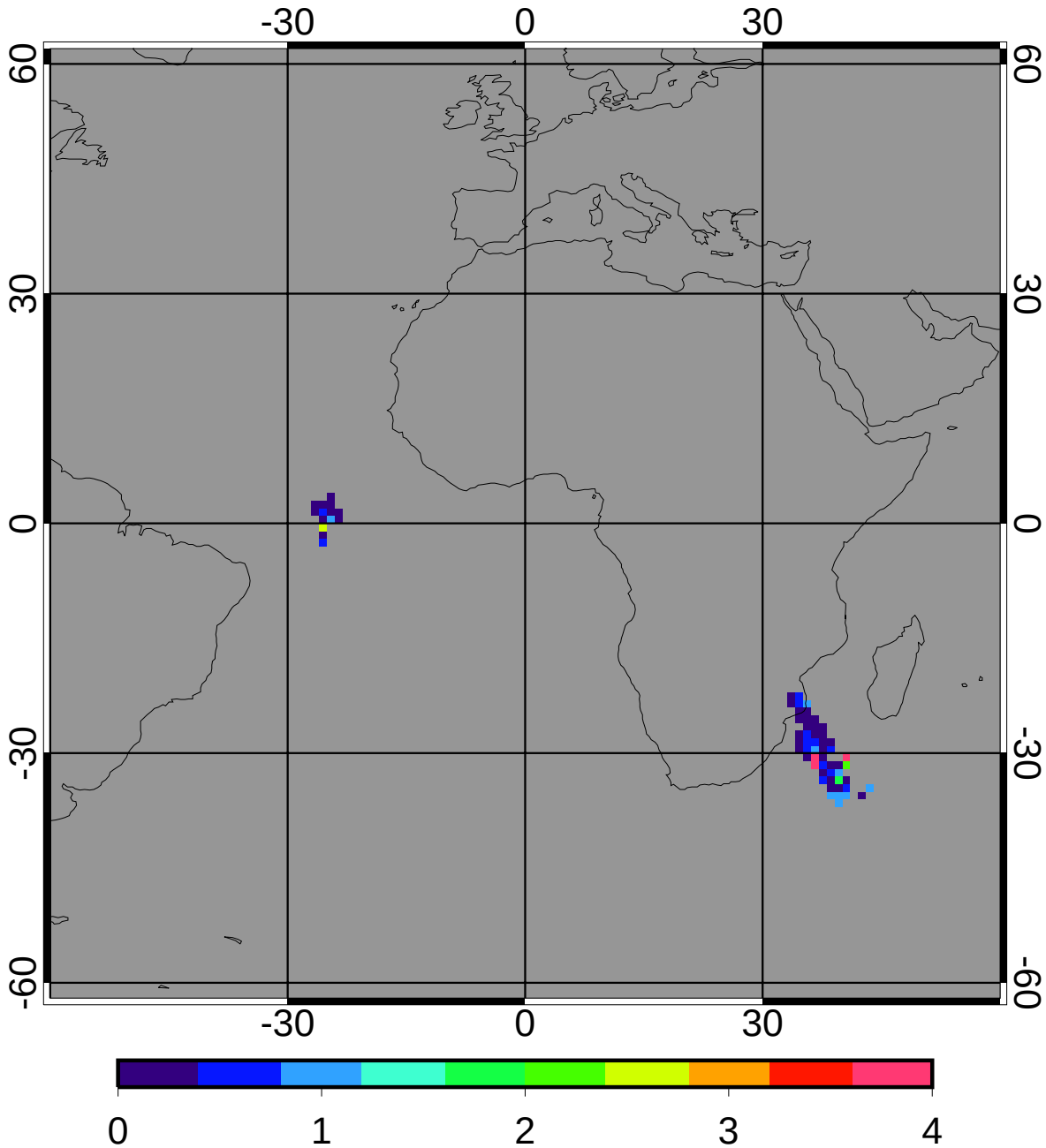
5ch_39cal Jan 2010 (matched angle)



bias	-0.18	-9.24%
domain sigma	1.15	60.30%

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

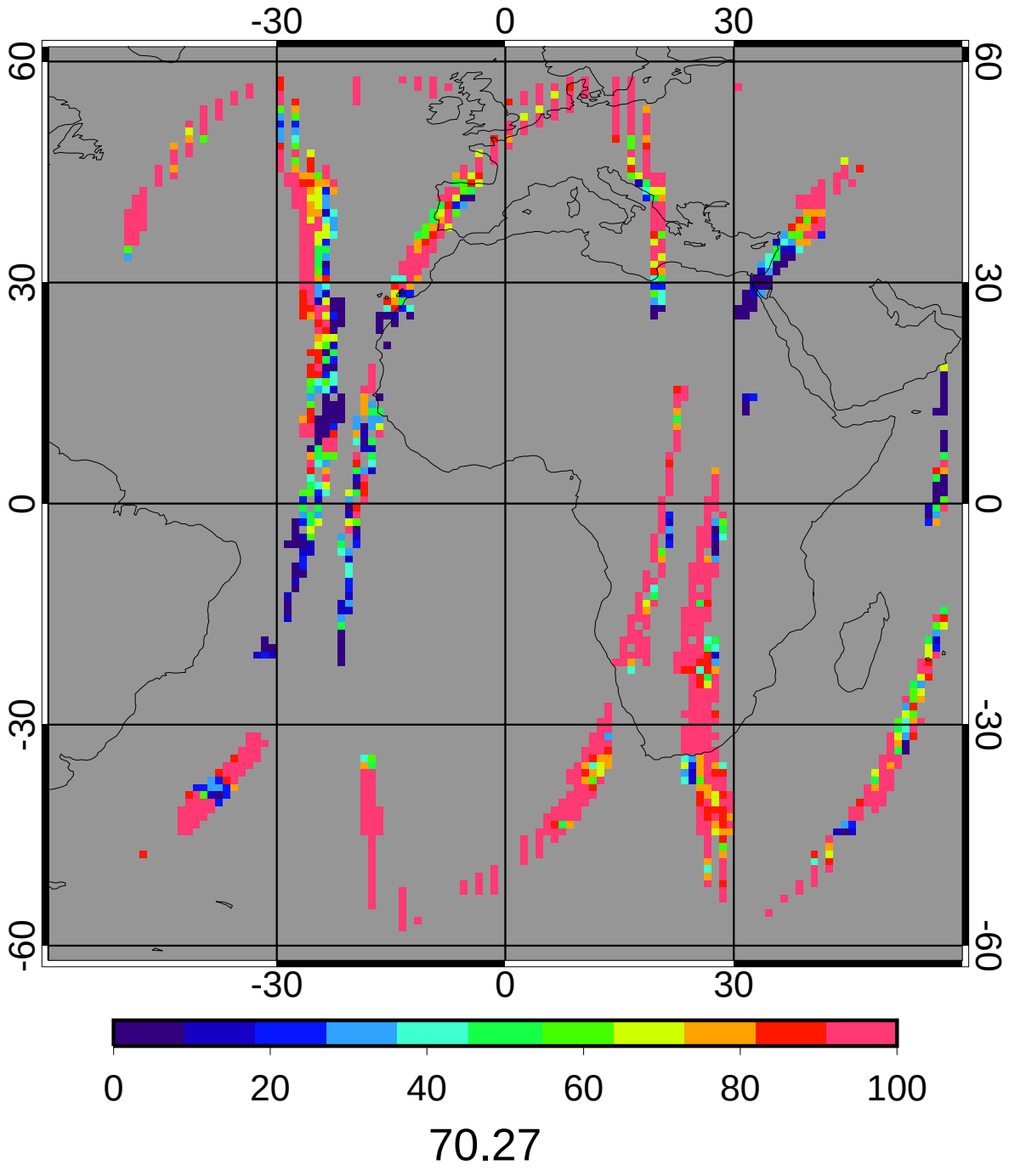
5ch_39cal Jan 2010 (matched angle)



regave rms	0.29	15.37%
domain rms	1.25	65.18%

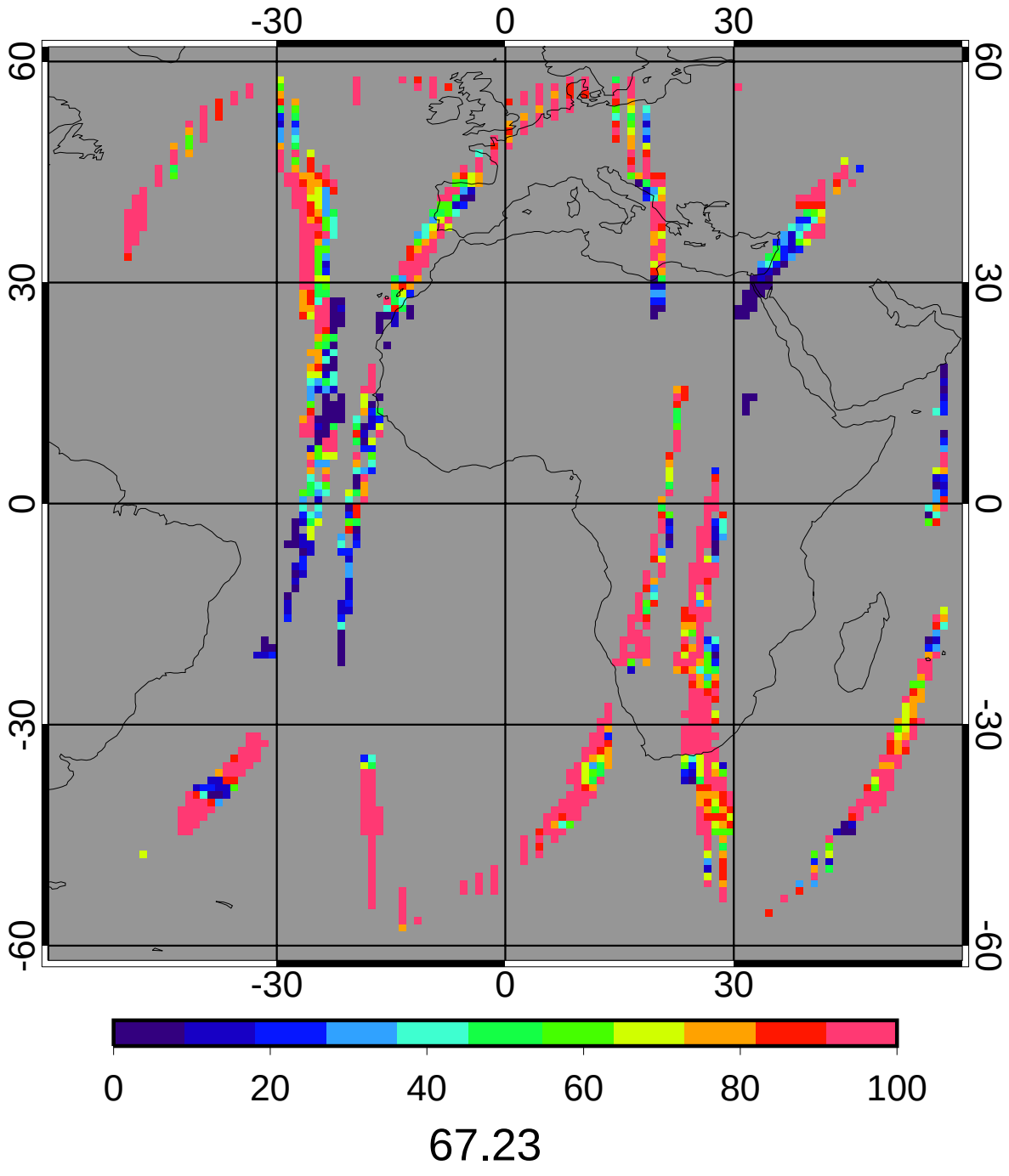
GGEO MEAN Nighttime Cloud Amount (%)

5ch_39cal Jan 2010 (matched angle)



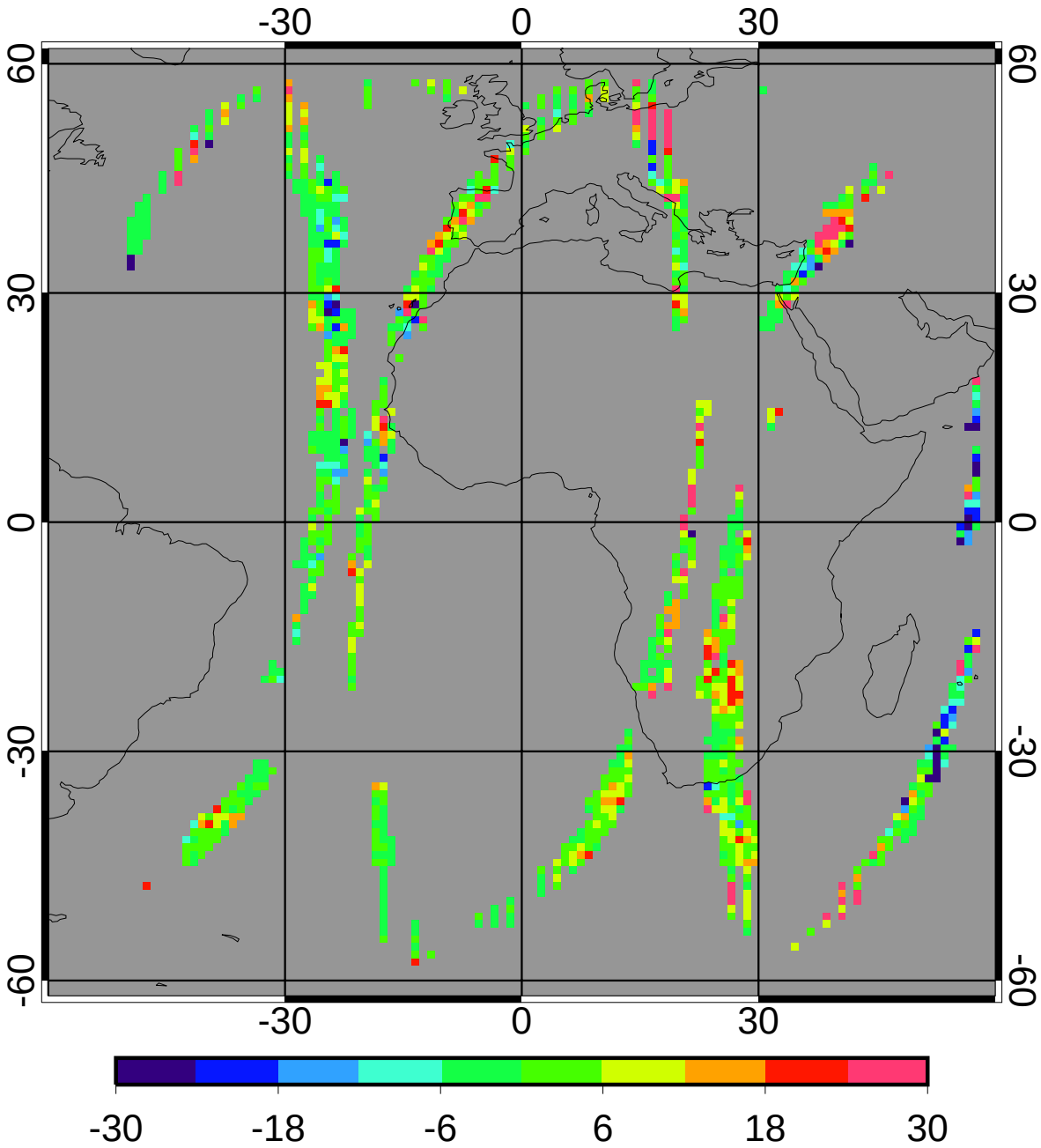
CERES/Aqua MEAN Nighttime Cloud Amount (%)

5ch_39cal Jan 2010 (matched angle)



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

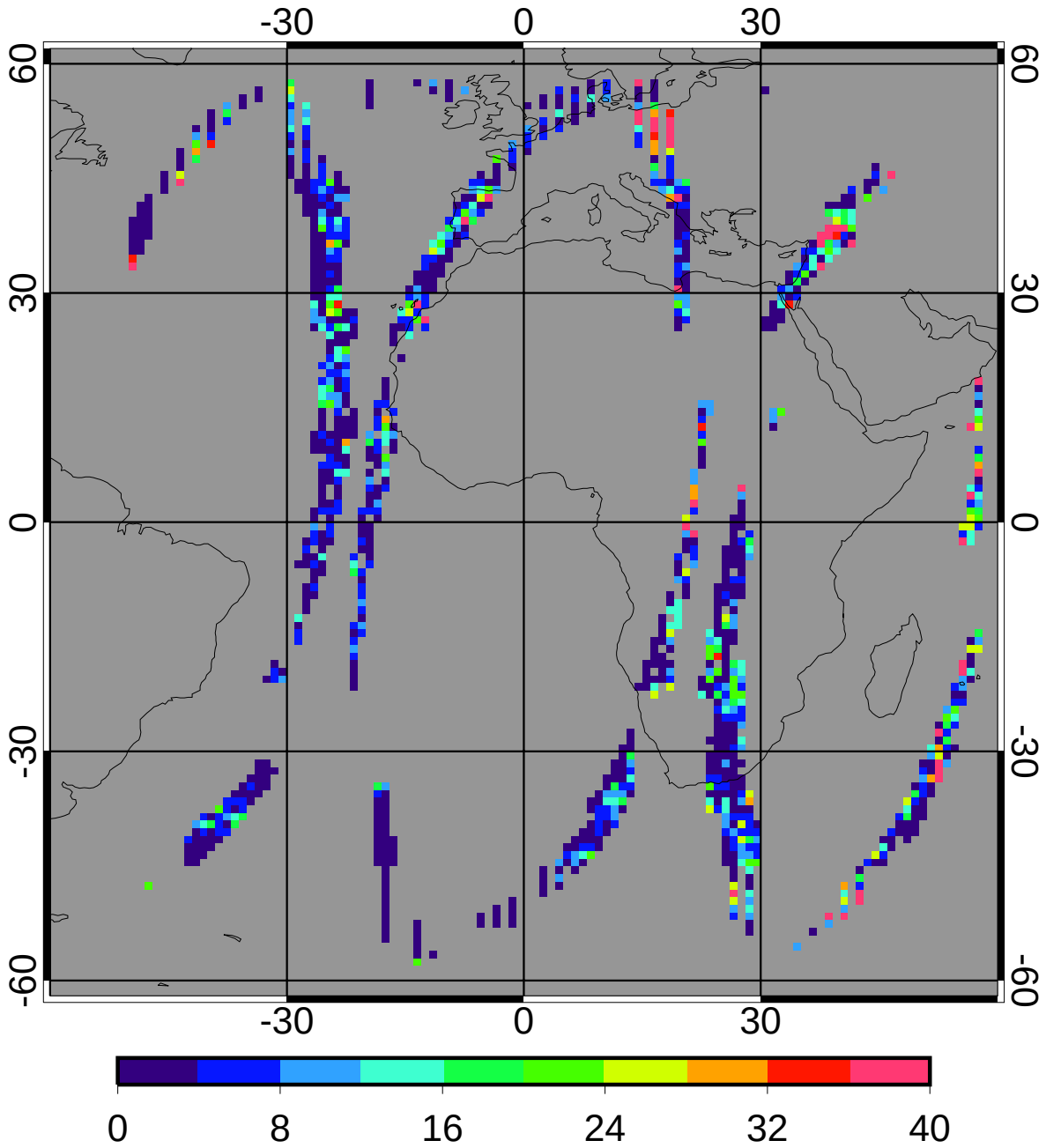
5ch_39cal Jan 2010 (matched angle)



bias	3.04	4.52%
domain sigma	11.07	16.46%

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

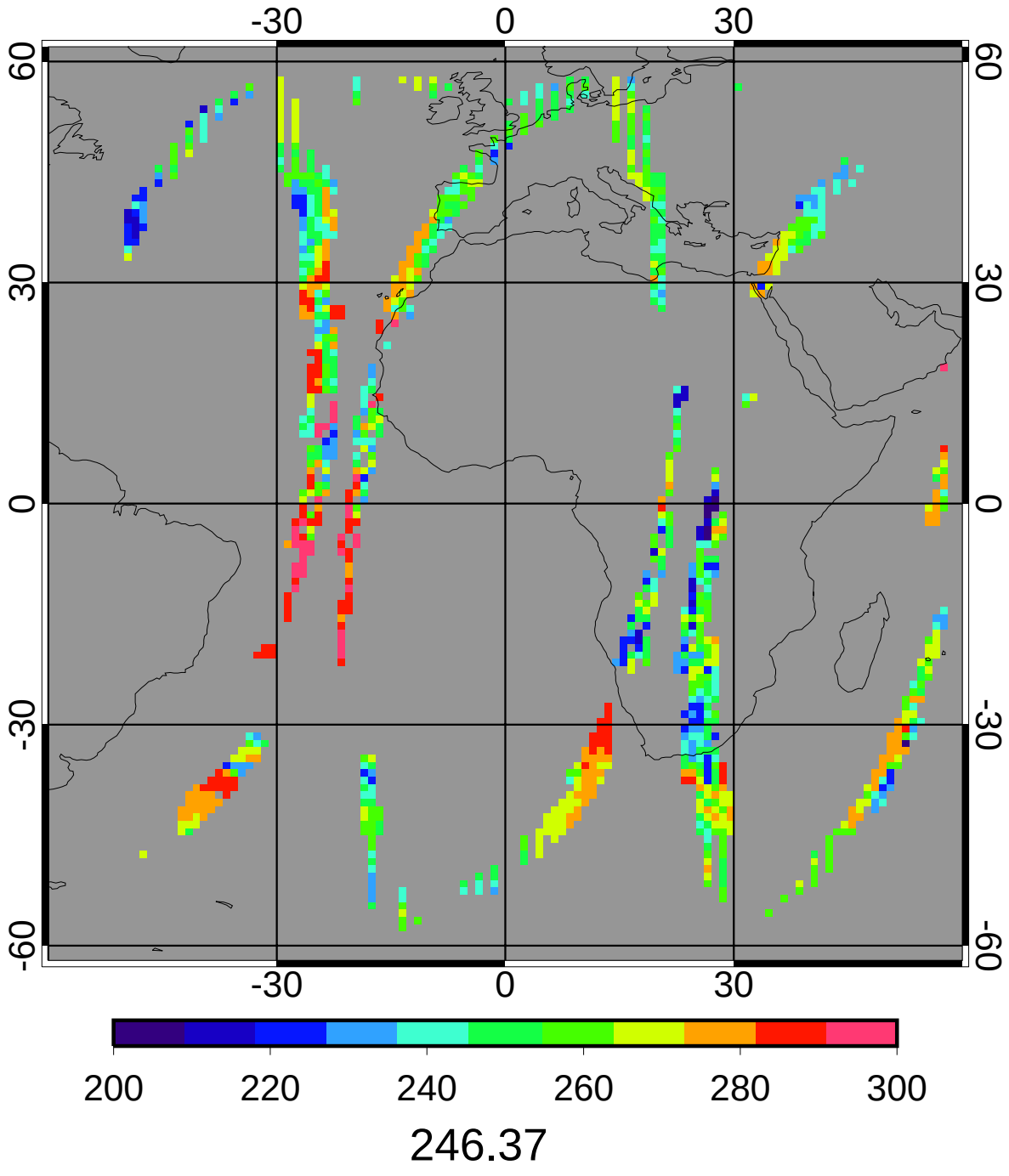
5ch_39cal Jan 2010 (matched angle)



regave rms	7.90	11.75%
domain rms	12.62	18.77%

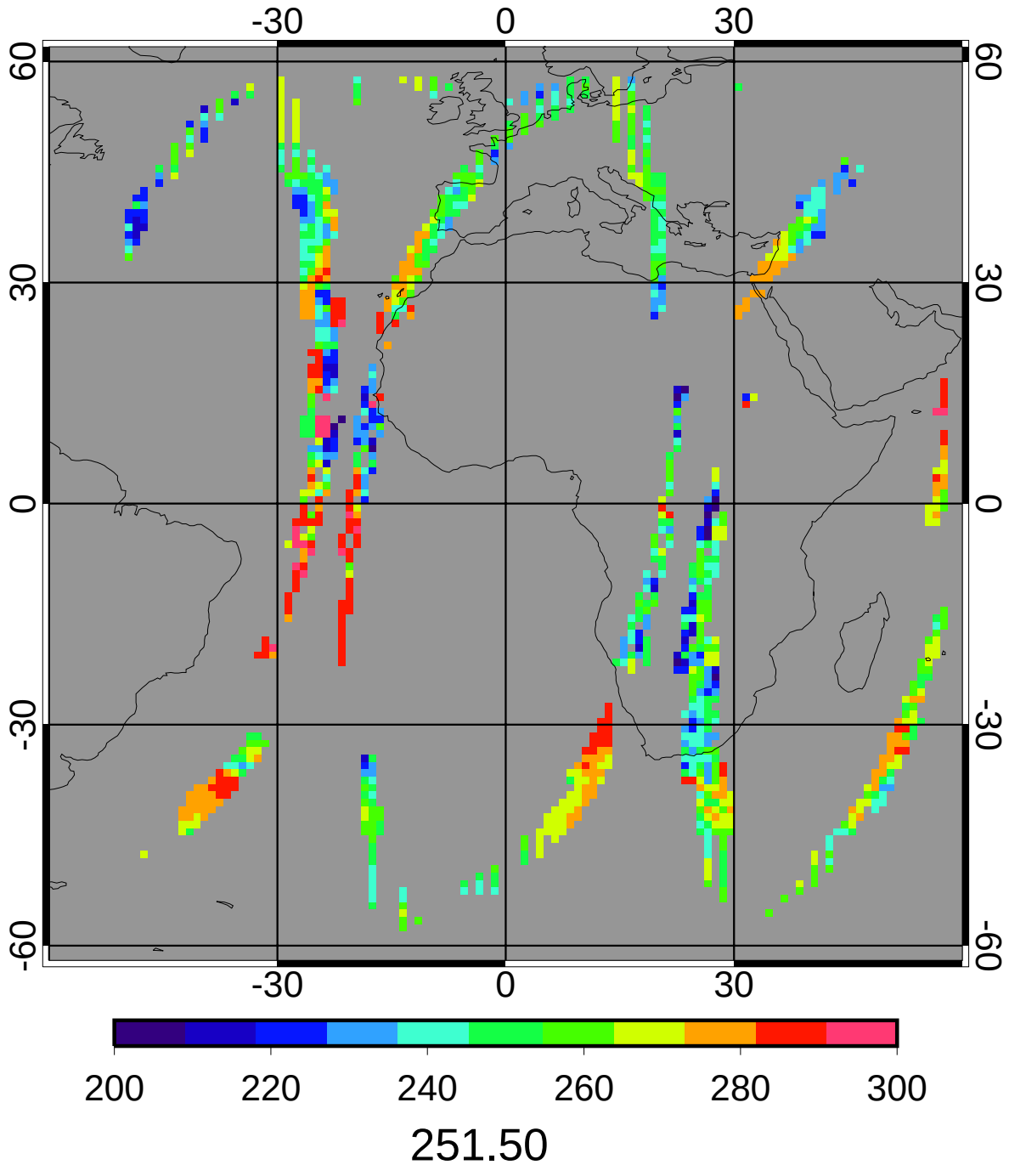
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_39cal Jan 2010 (matched angle)



CERES/Aqua MEAN Nighttime Cloud Temperature (K)

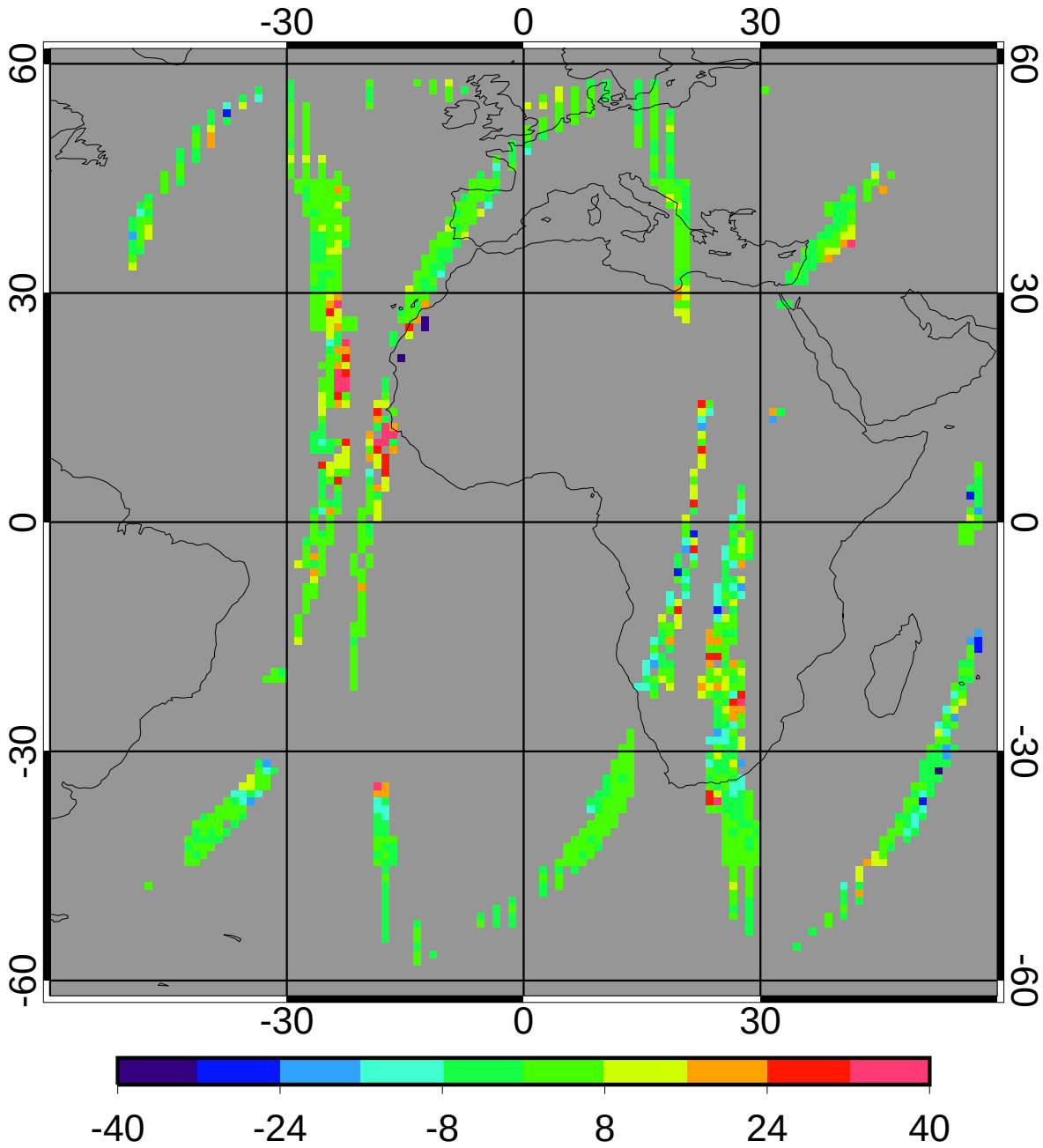
5ch_39cal Jan 2010 (matched angle)



251.50

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

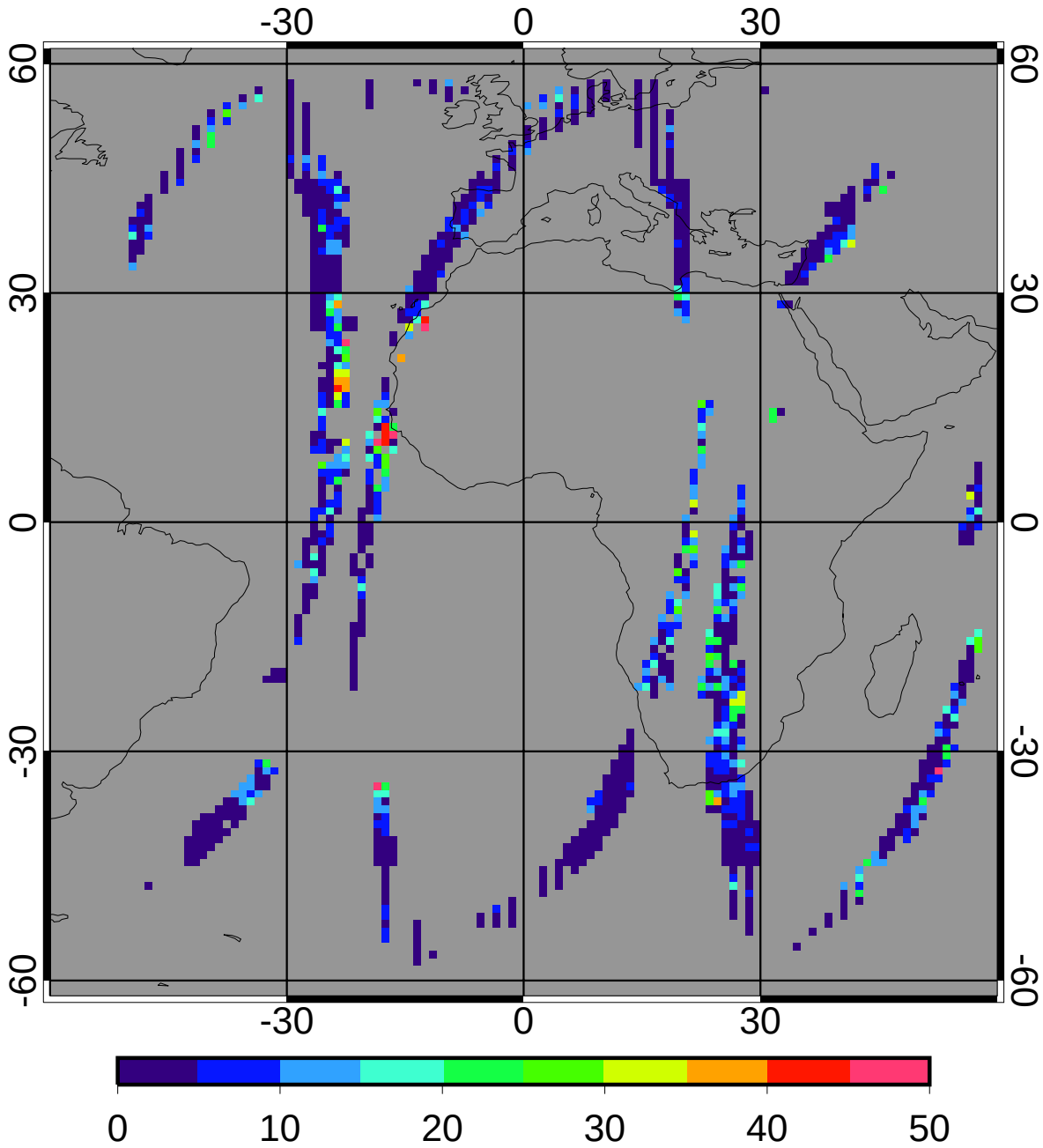
5ch_39cal Jan 2010 (matched angle)



bias	2.10	0.83%
domain sigma	8.96	3.56%

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

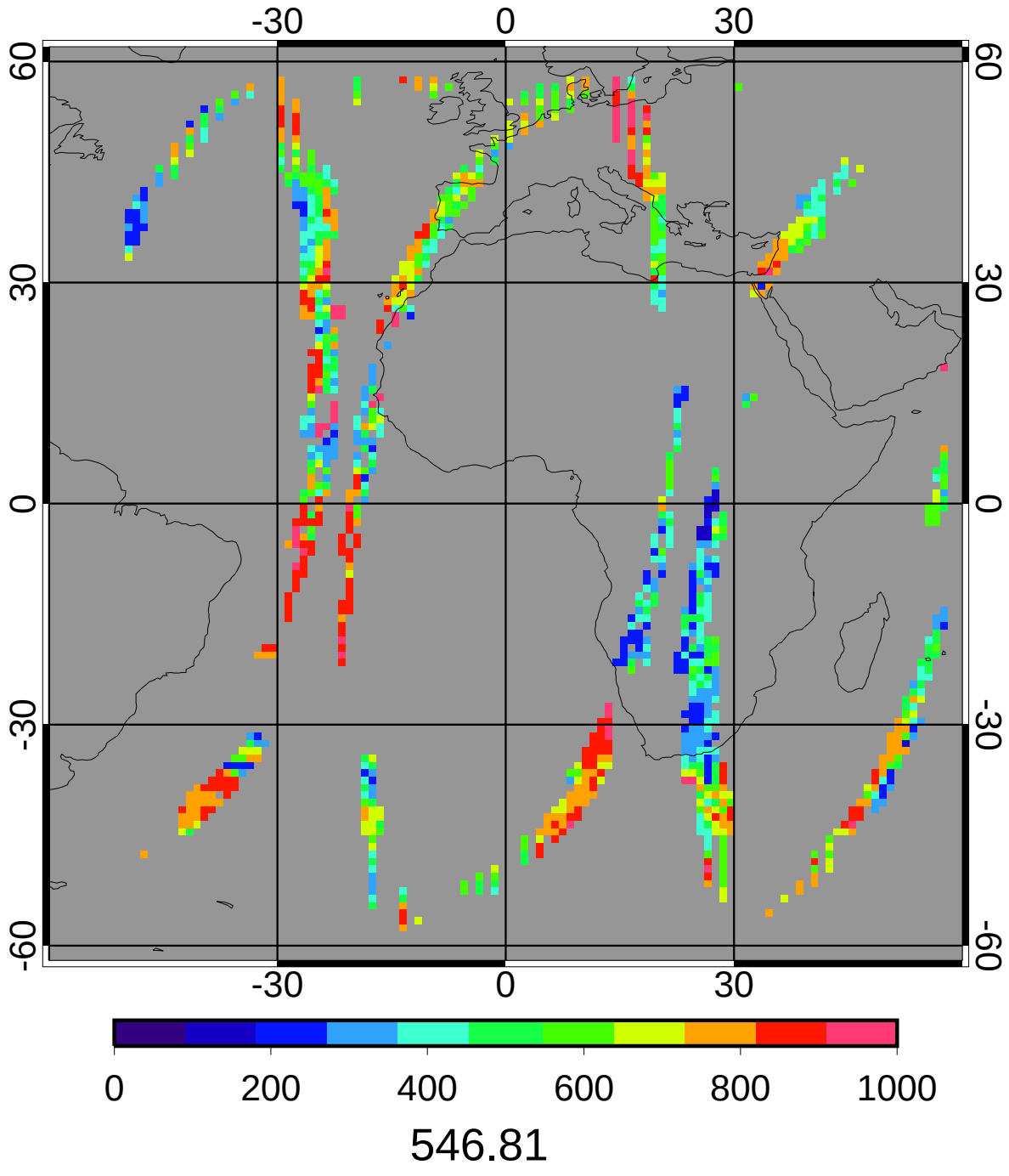
5ch_39cal Jan 2010 (matched angle)



regave rms	6.25	2.49%
domain rms	9.31	3.70%

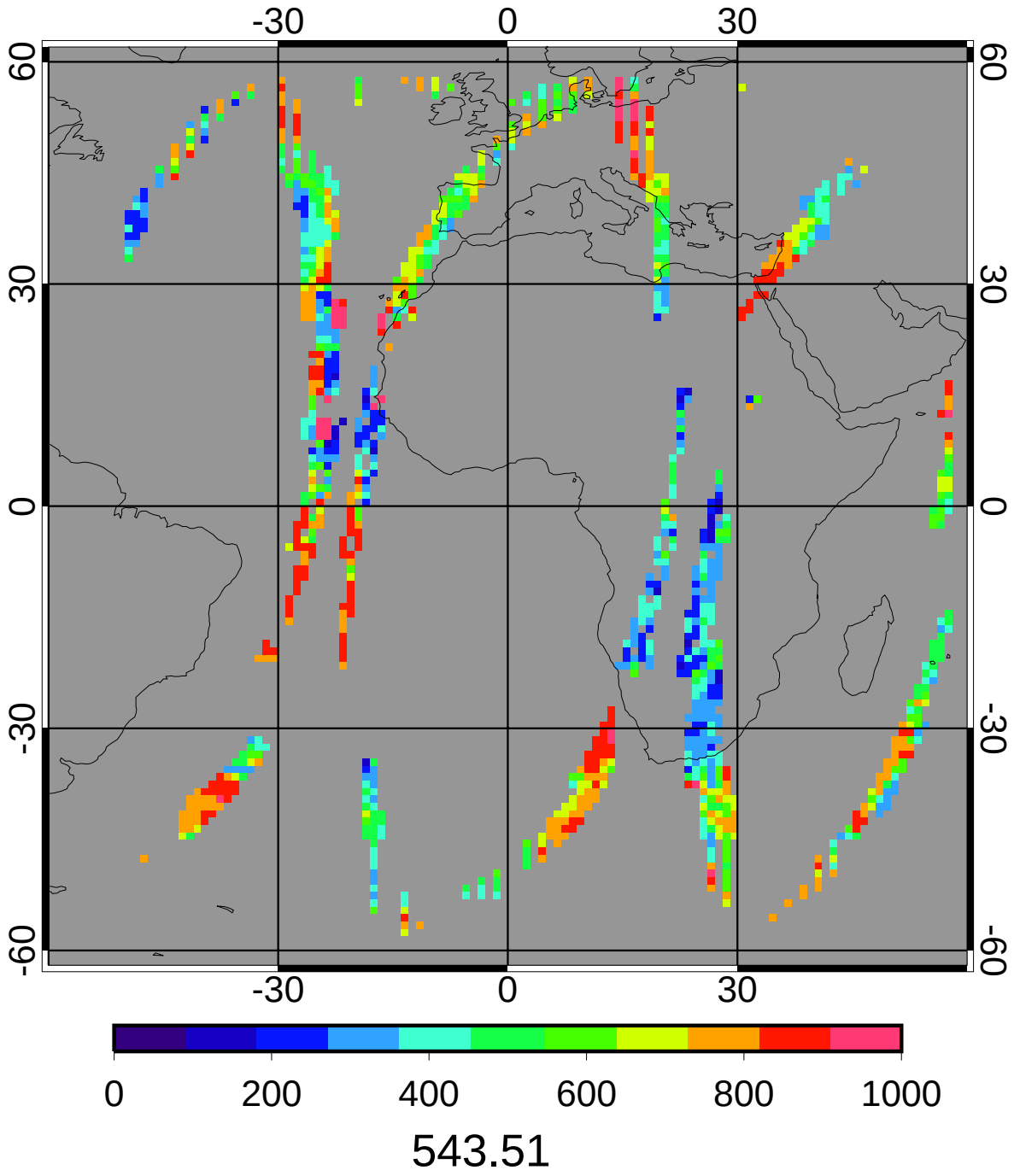
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



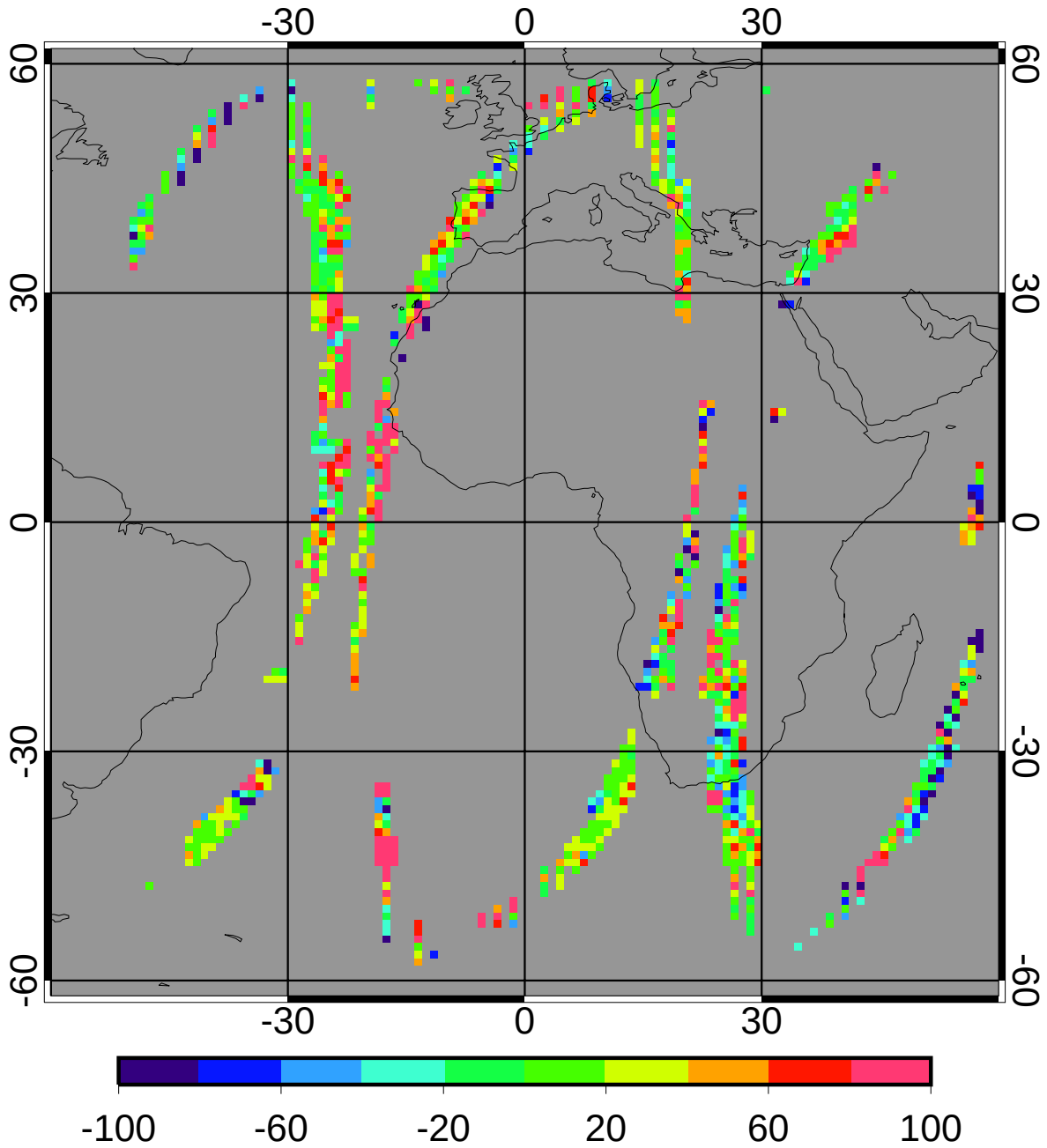
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



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

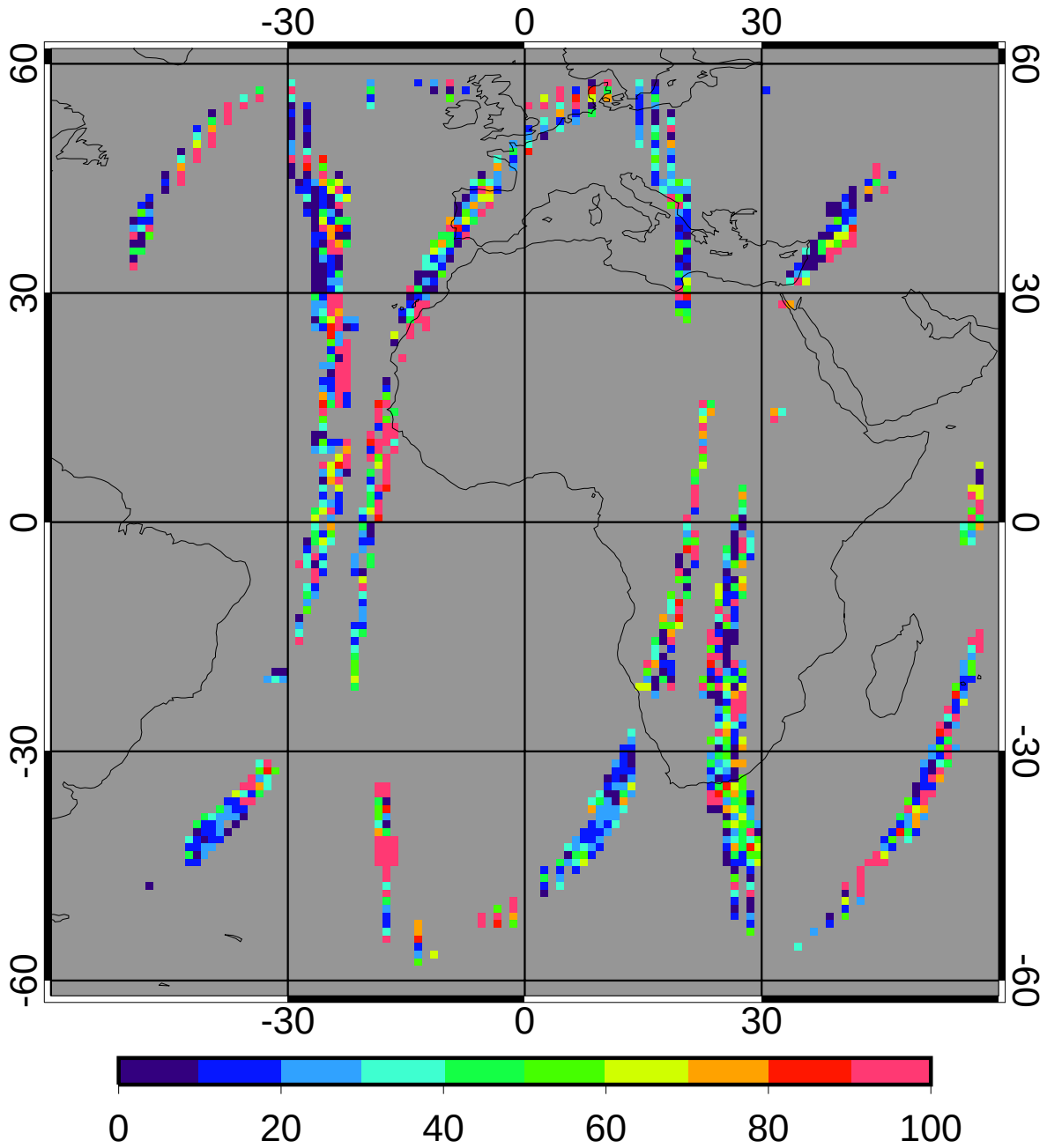
5ch_39cal Jan 2010 (matched angle)



bias	23.79	4.38%
domain sigma	74.05	13.62%

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

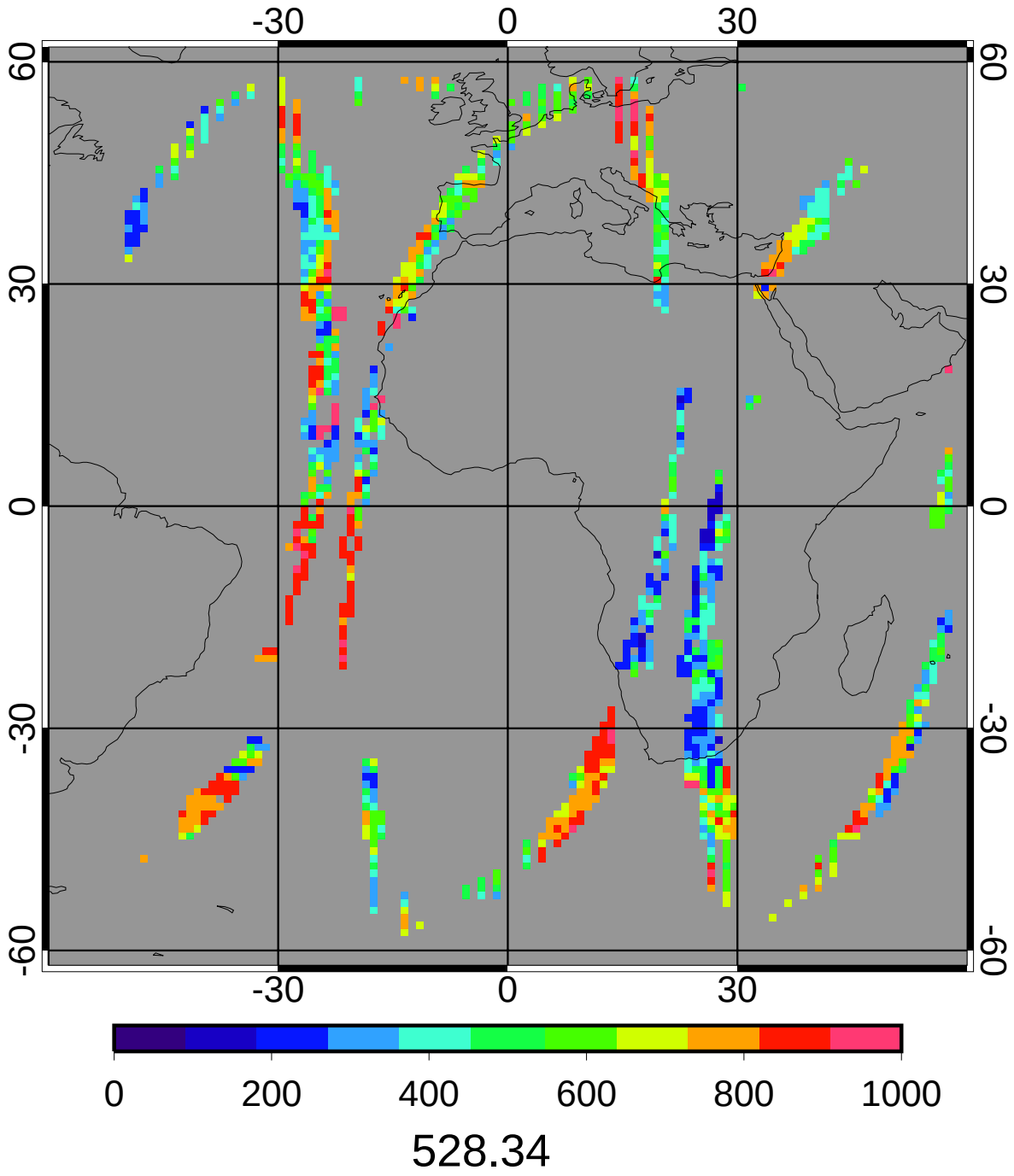
5ch_39cal Jan 2010 (matched angle)



regave rms	54.97	10.11%
domain rms	80.19	14.75%

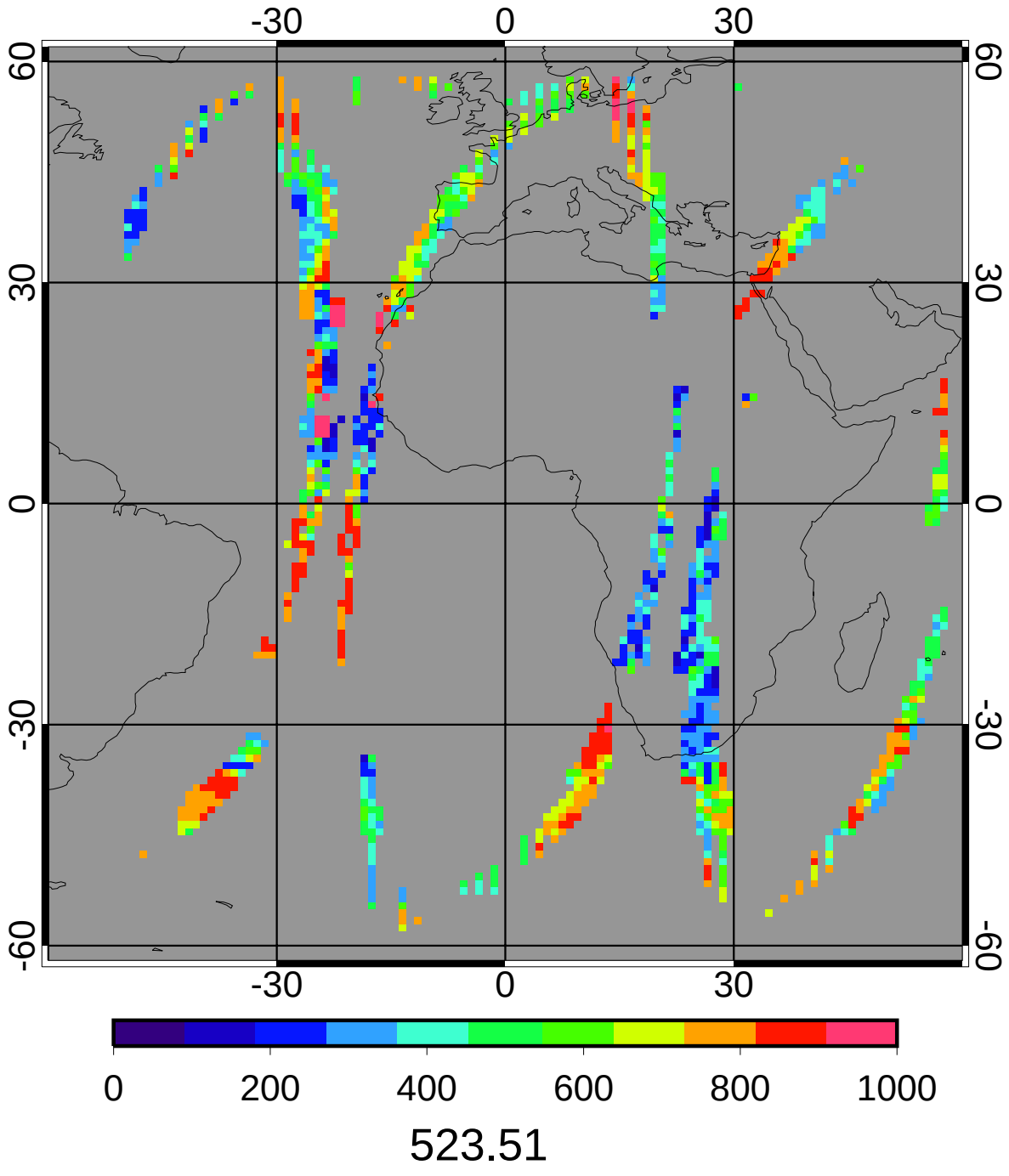
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



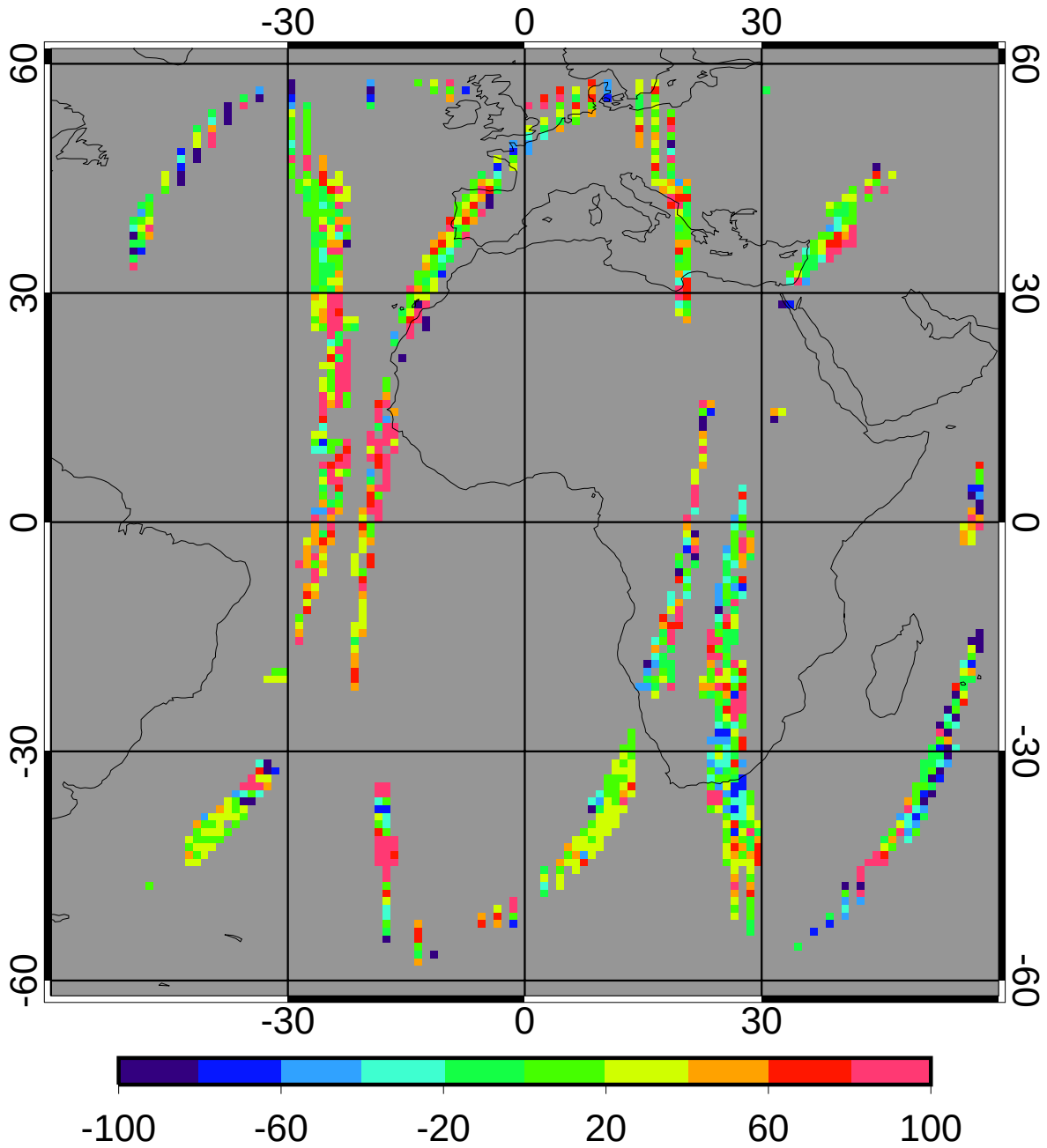
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



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

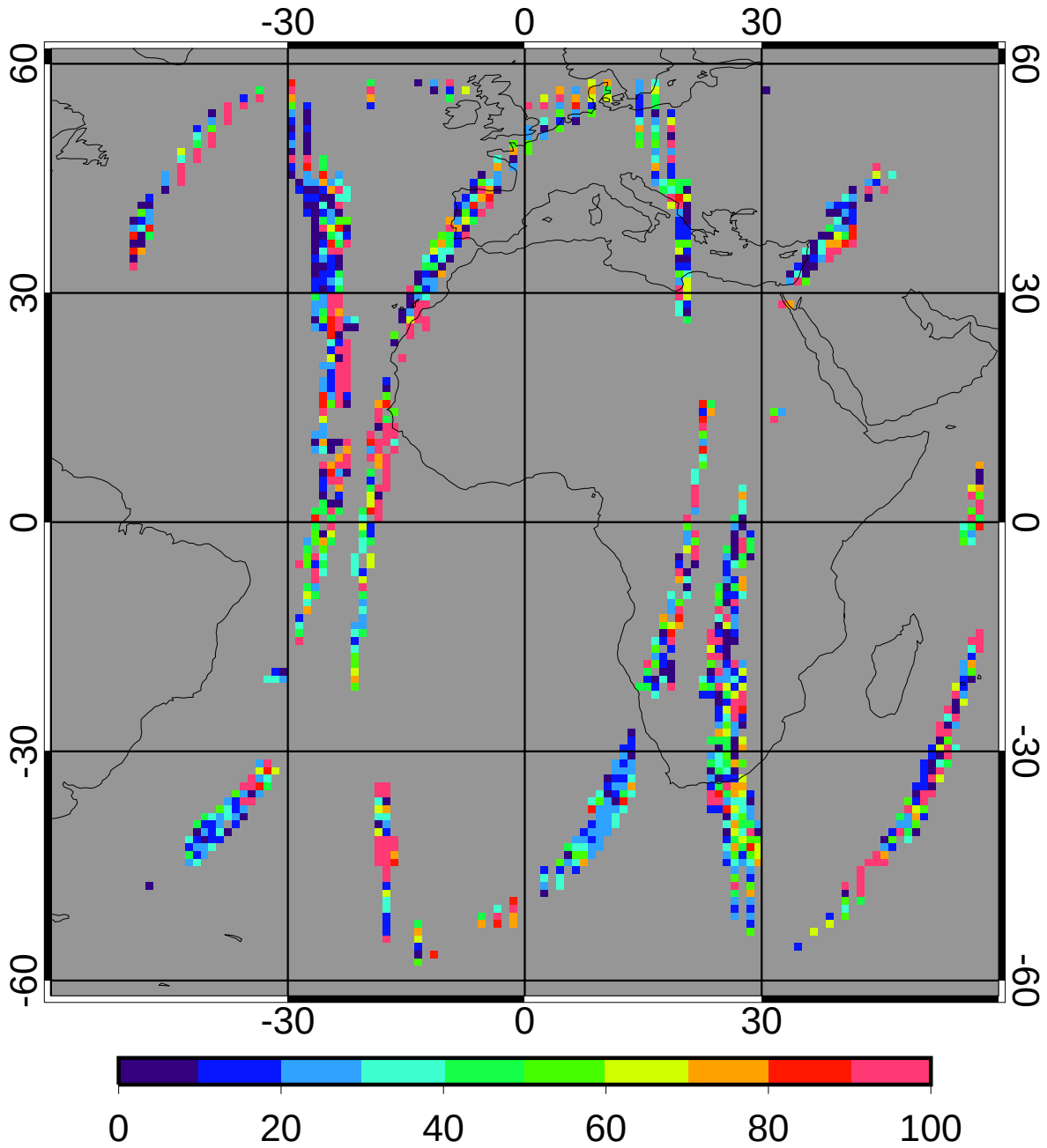
5ch_39cal Jan 2010 (matched angle)



bias	24.97	4.77%
domain sigma	74.29	14.19%

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

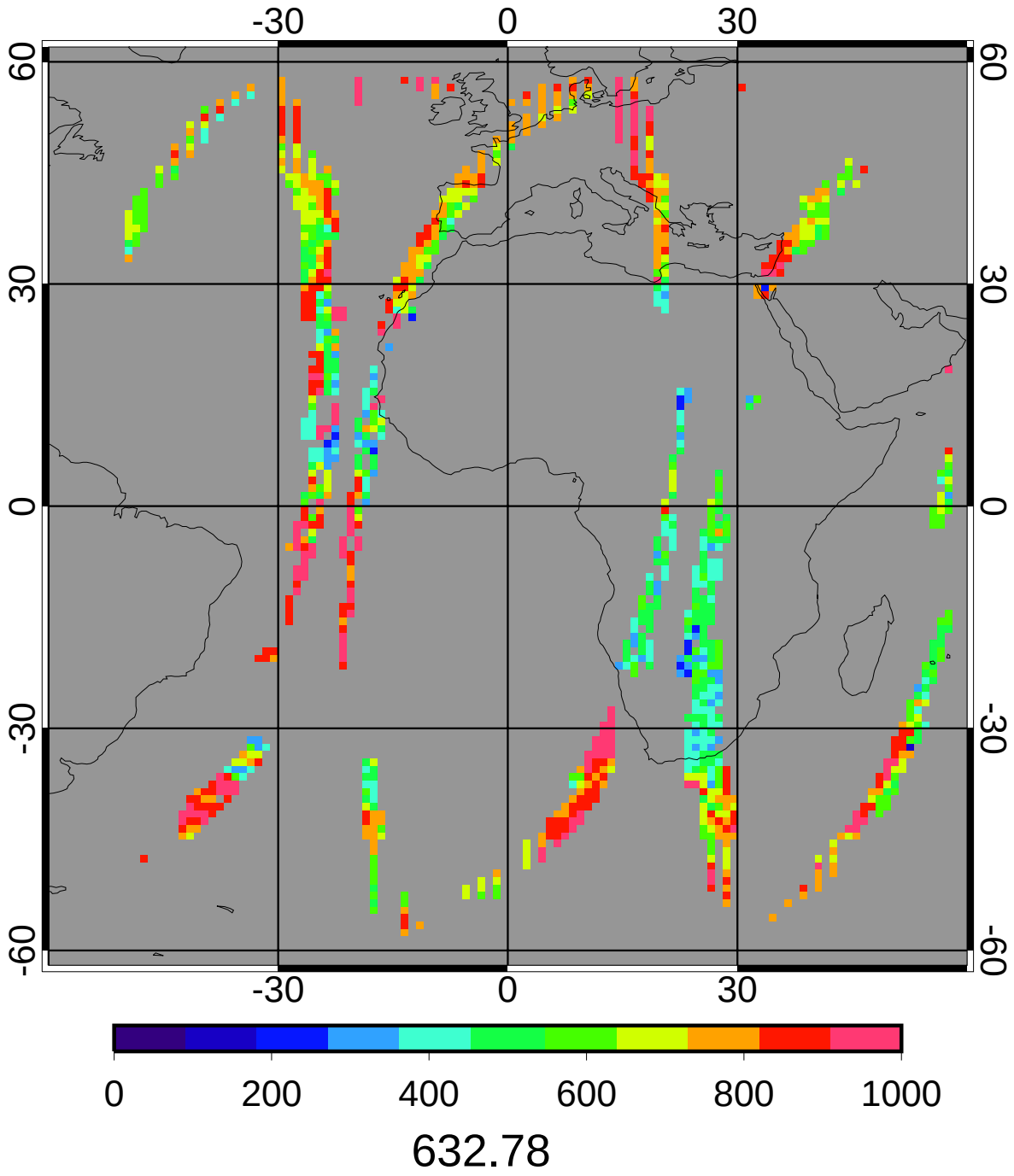
5ch_39cal Jan 2010 (matched angle)



regave rms	56.41	10.77%
domain rms	80.66	15.41%

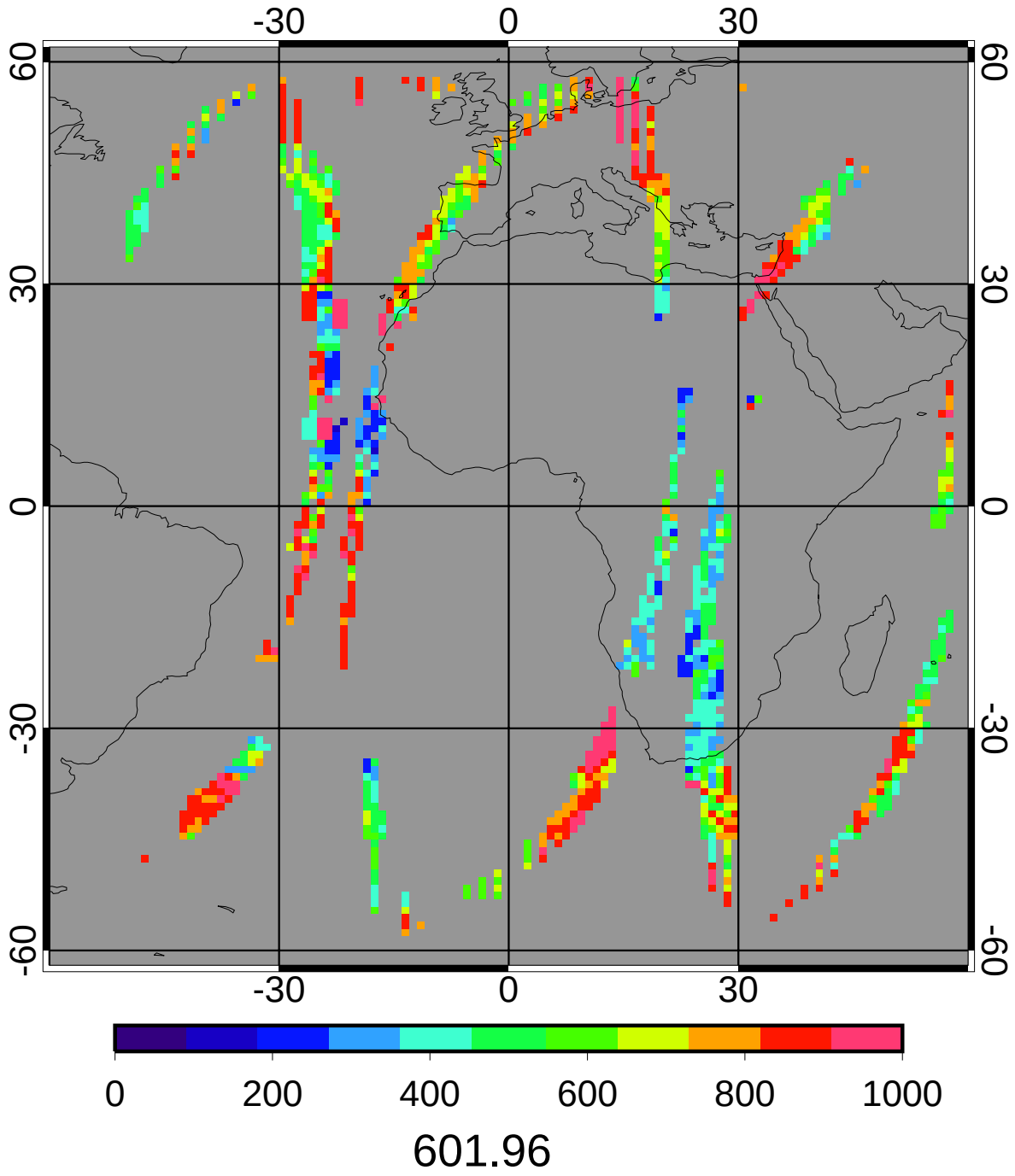
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



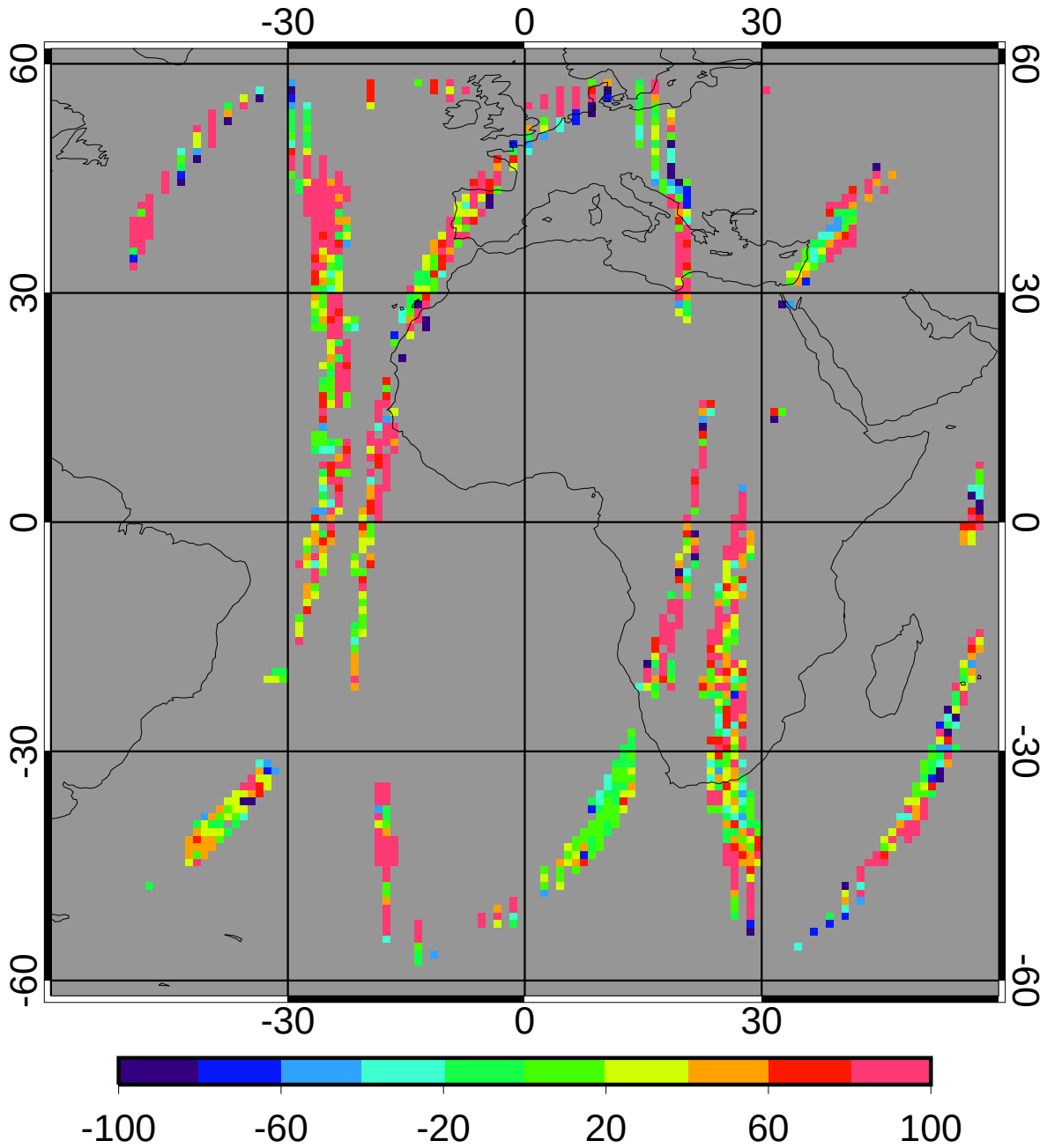
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Jan 2010 (matched angle)



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

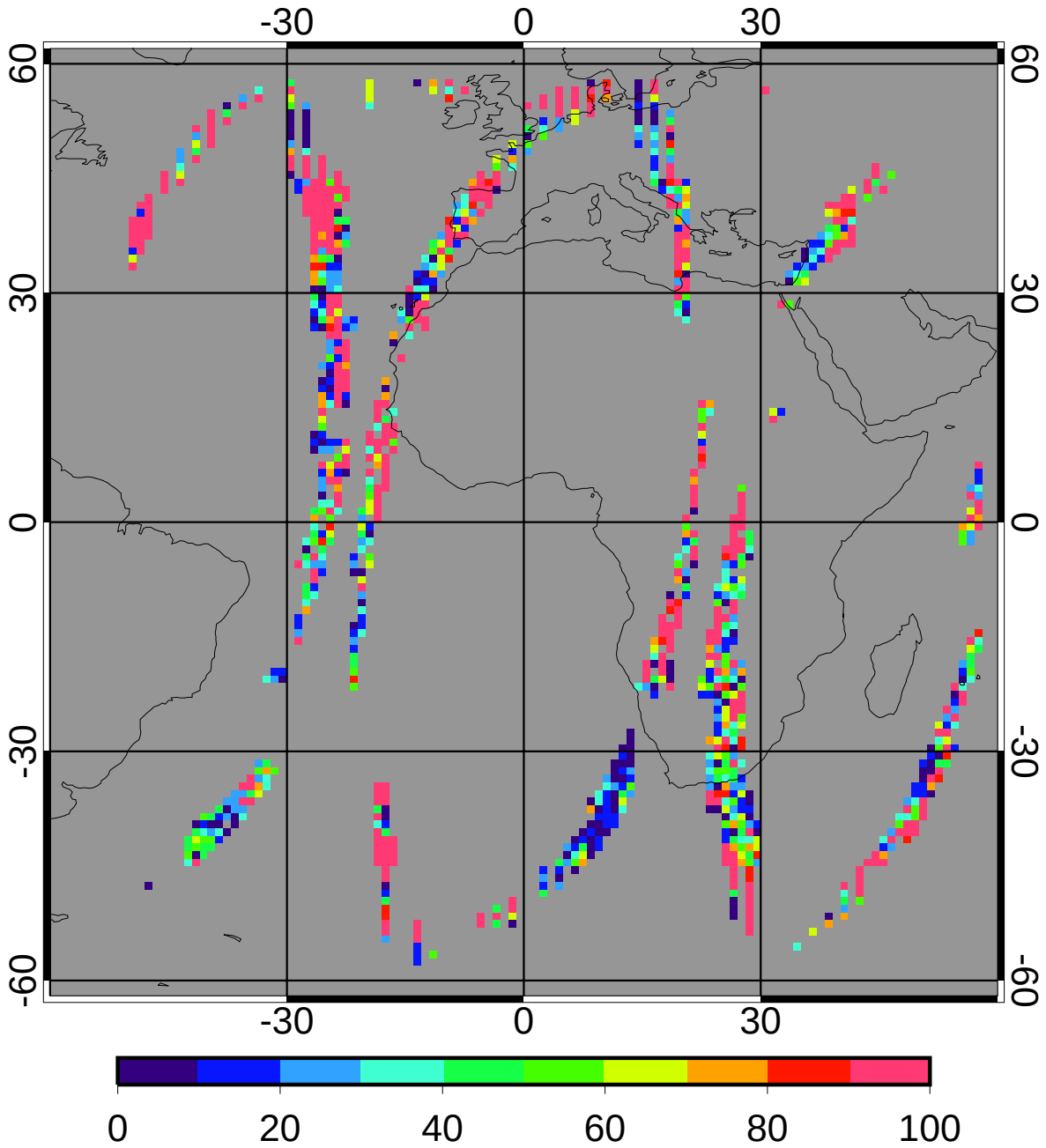
5ch_39cal Jan 2010 (matched angle)



bias	52.15	8.66%
domain sigma	81.98	13.62%

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

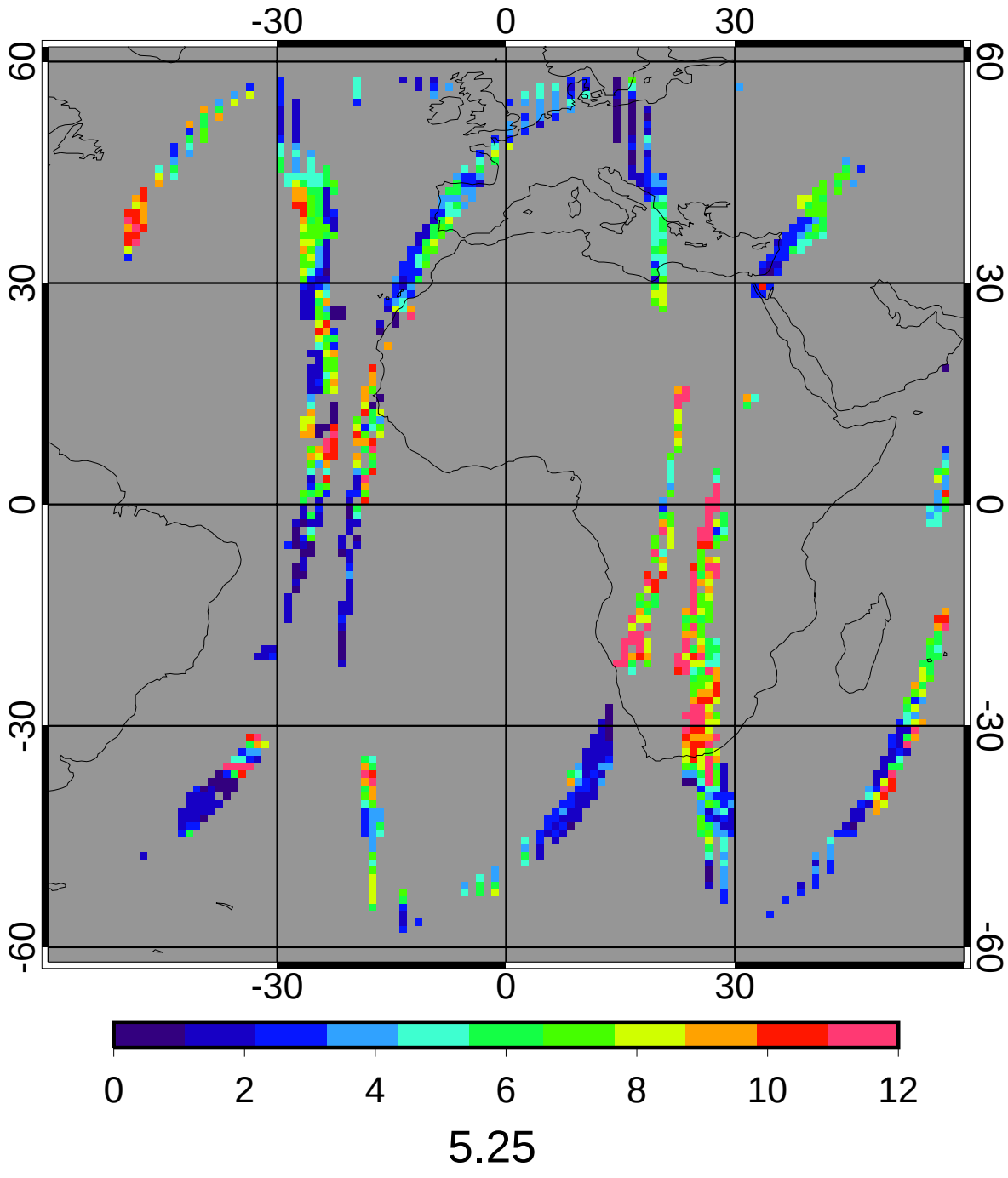
5ch_39cal Jan 2010 (matched angle)



regave rms	75.64	12.57%
domain rms	100.86	16.76%

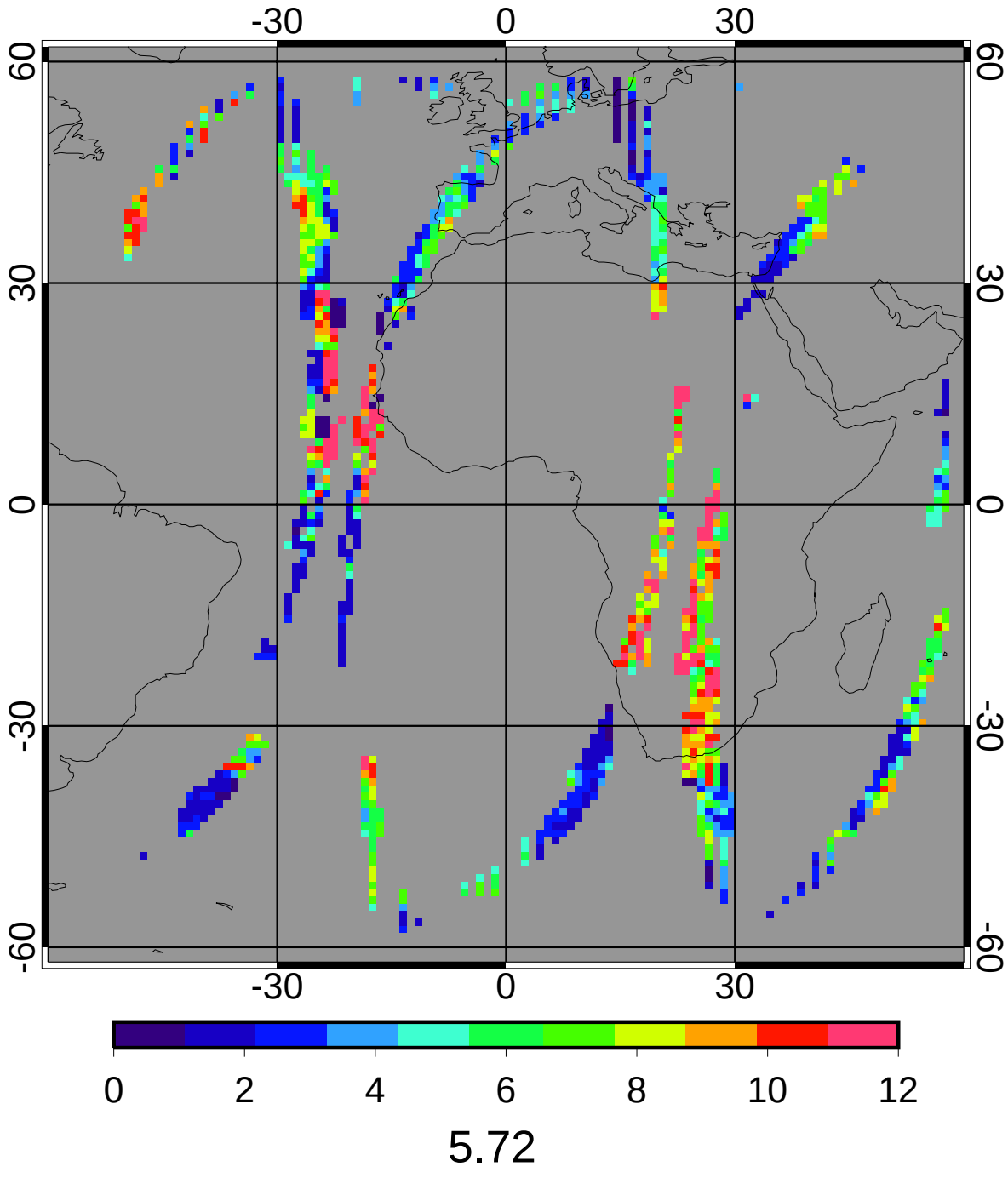
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Jan 2010 (matched angle)



CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

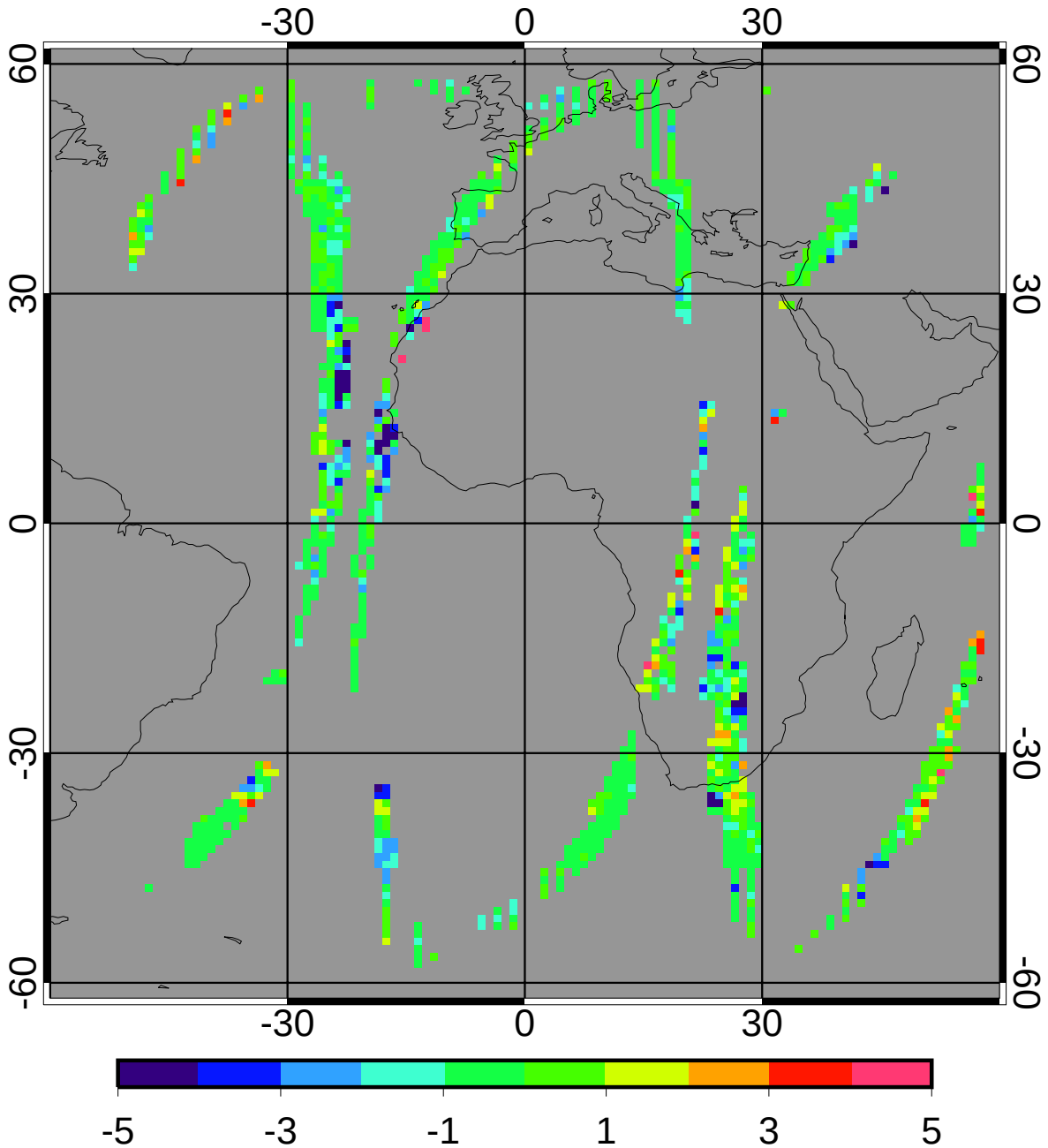
5ch_39cal Jan 2010 (matched angle)



5.72

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

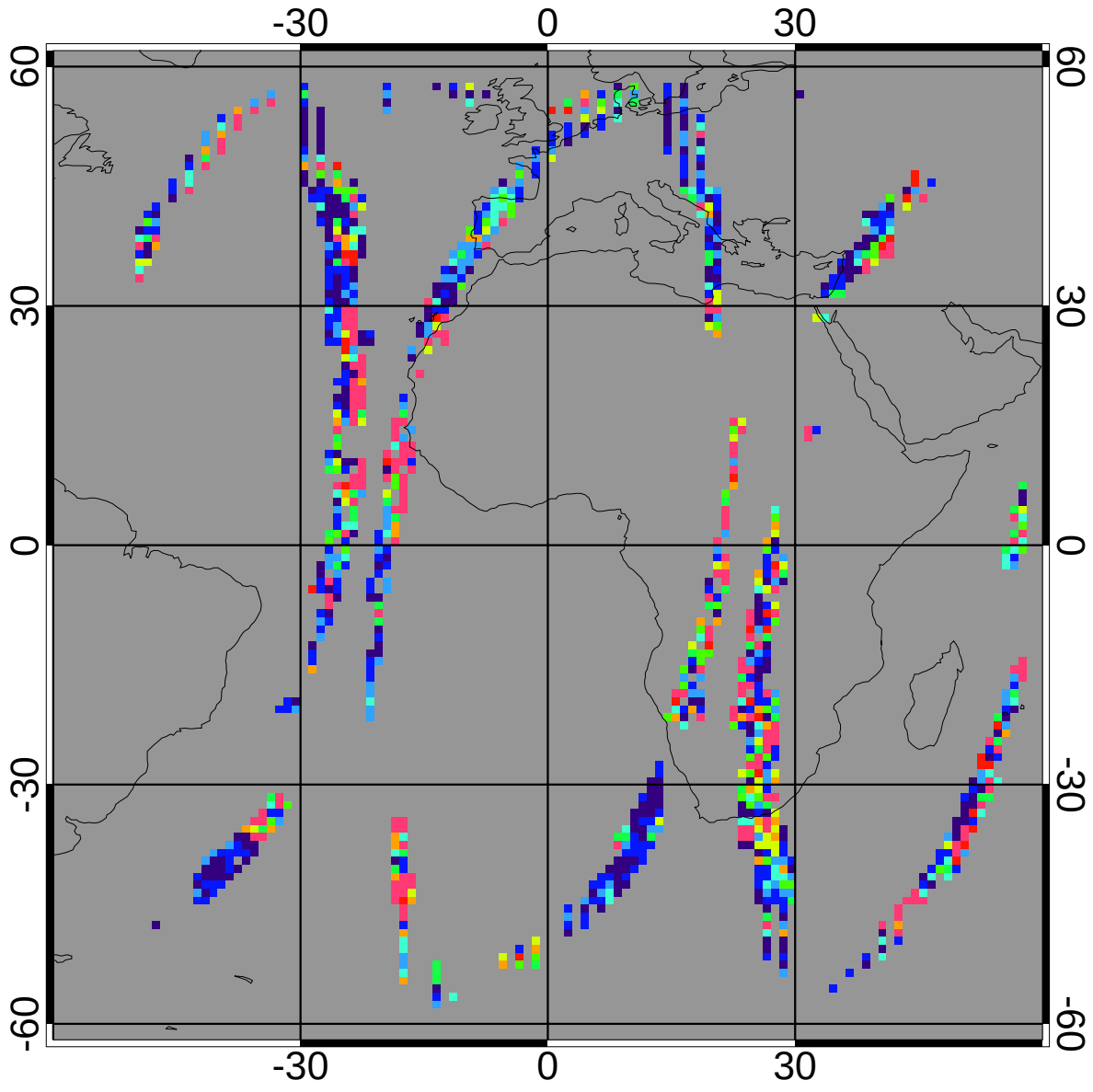
5ch_39cal Jan 2010 (matched angle)



bias	-0.40	-6.91%
domain sigma	1.40	24.56%

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

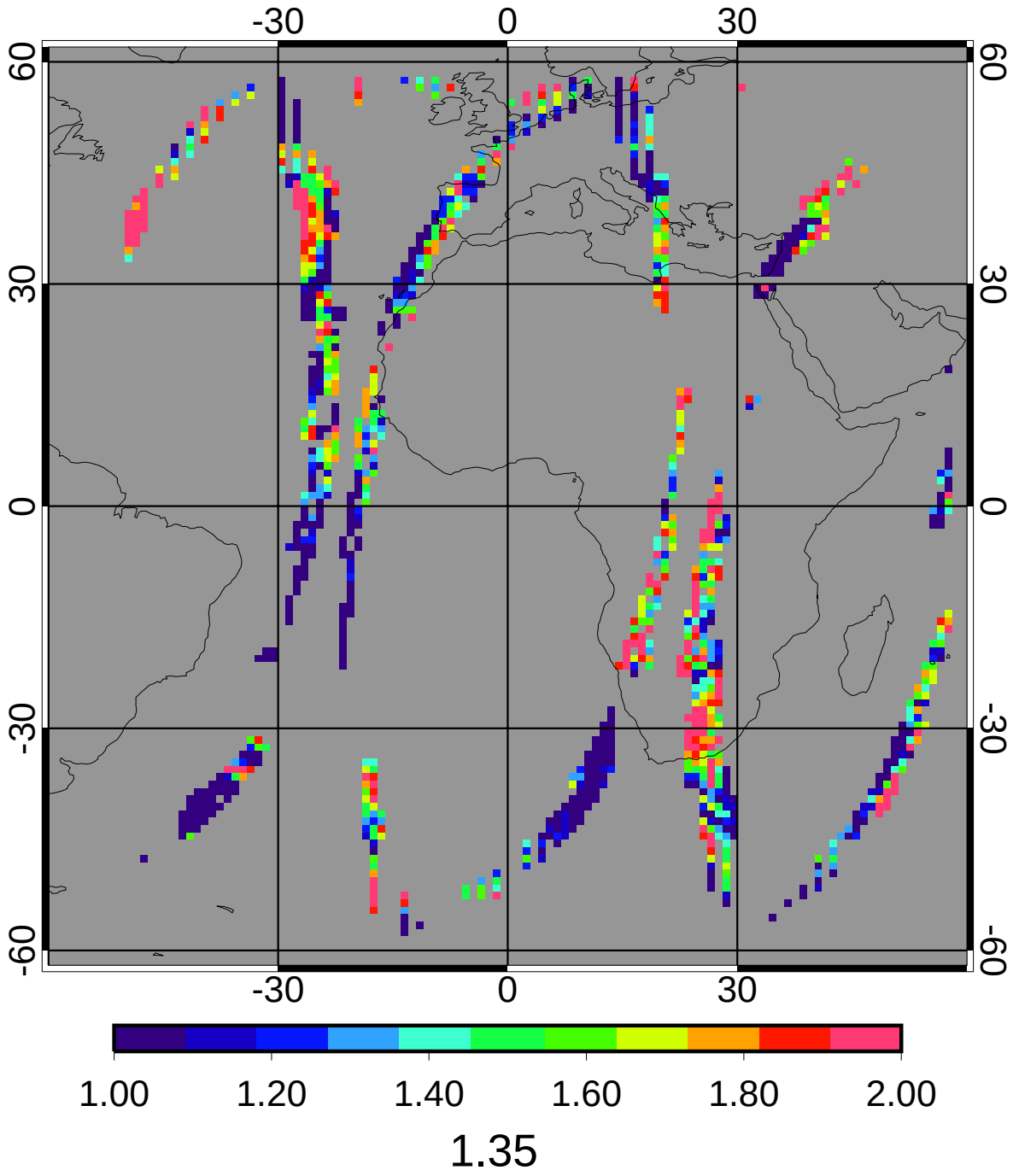
5ch_39cal Jan 2010 (matched angle)



regave rms	1.00	17.50%
domain rms	1.48	25.89%

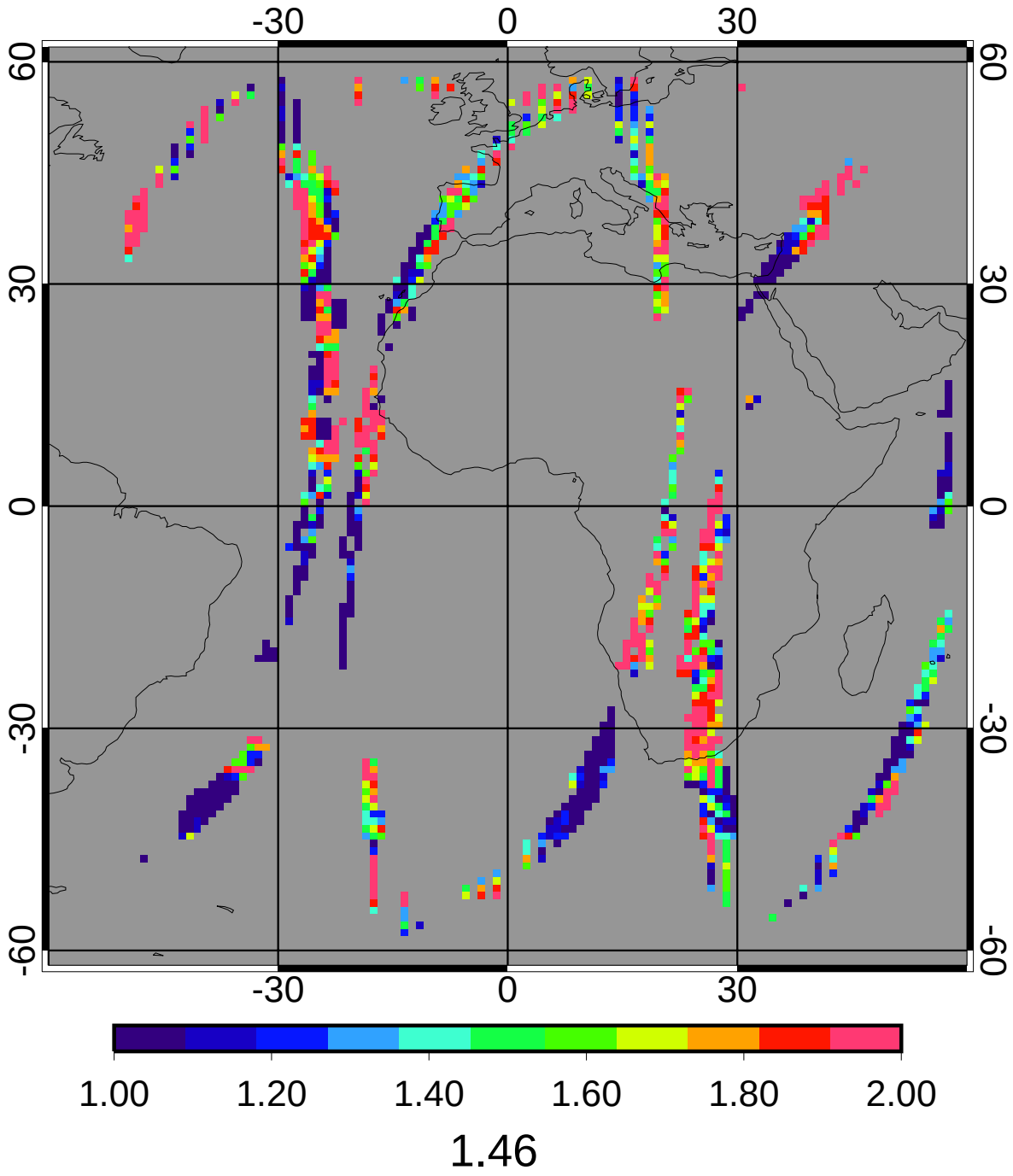
GGEO MEAN Nighttime Cloud Phase

5ch_39cal Jan 2010 (matched angle)



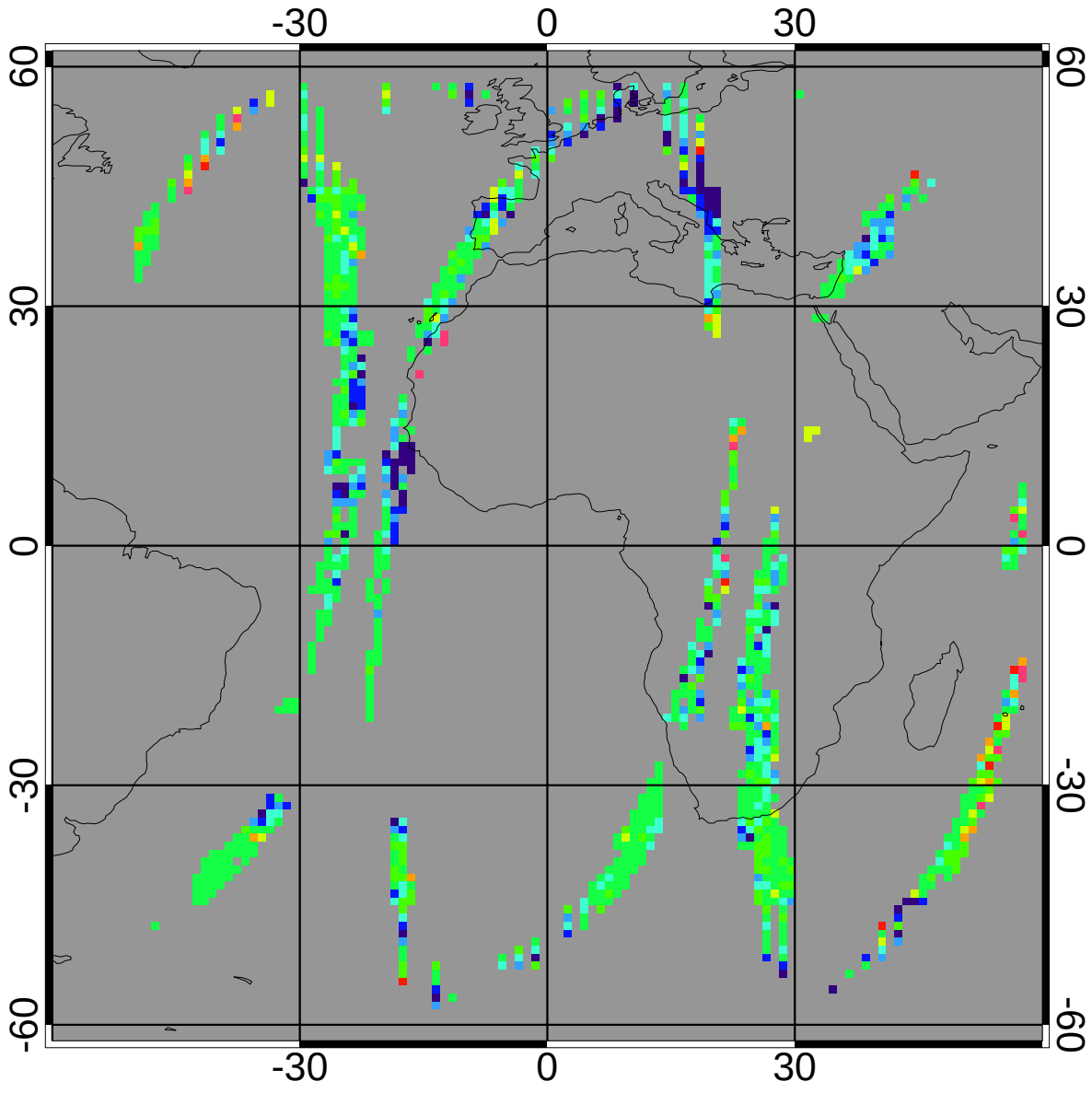
CERES/Aqua MEAN Nighttime Cloud Phase

5ch_39cal Jan 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

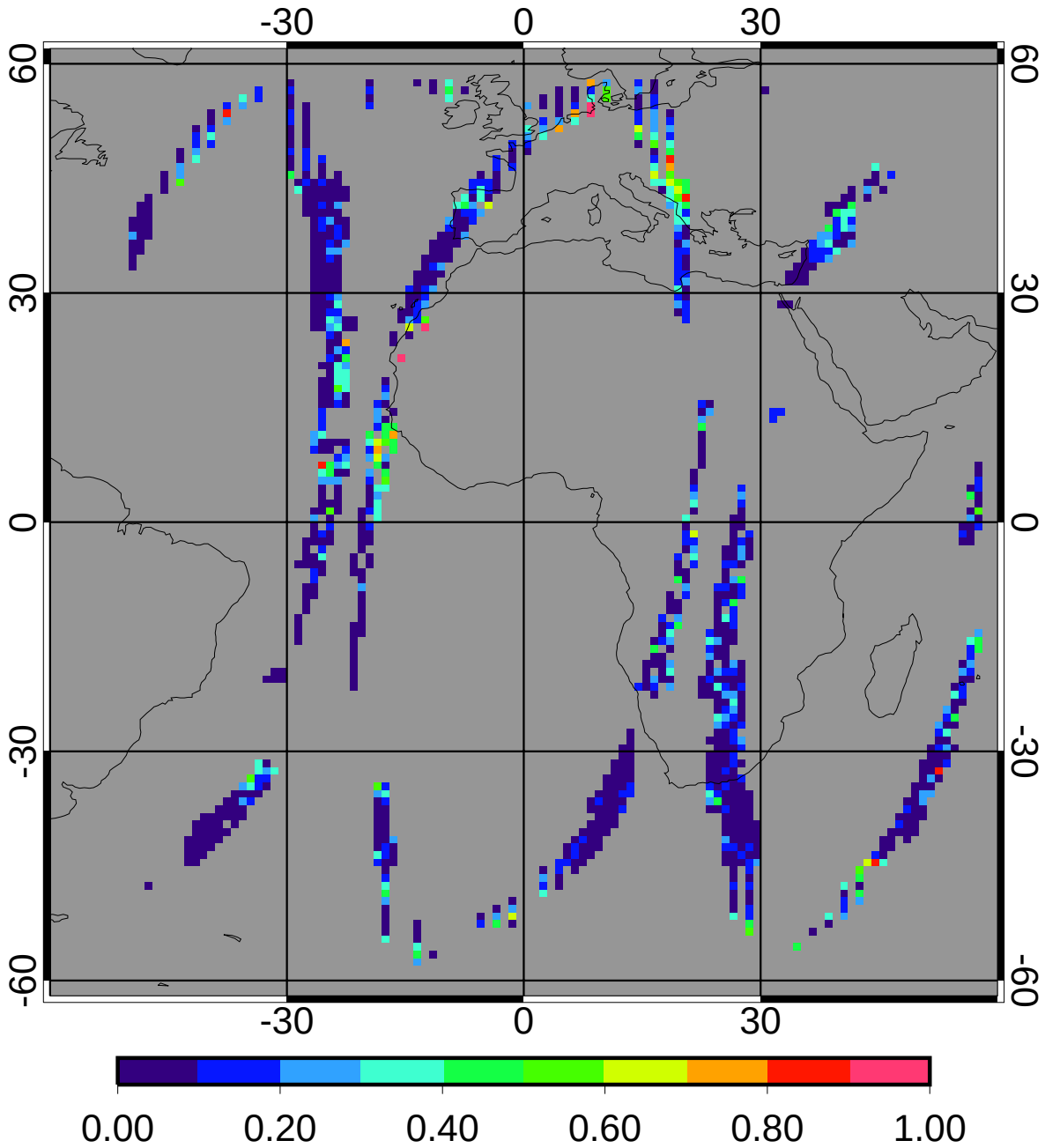
5ch_39cal Jan 2010 (matched angle)



bias	-0.07	-5.14%
domain sigma	0.16	10.67%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

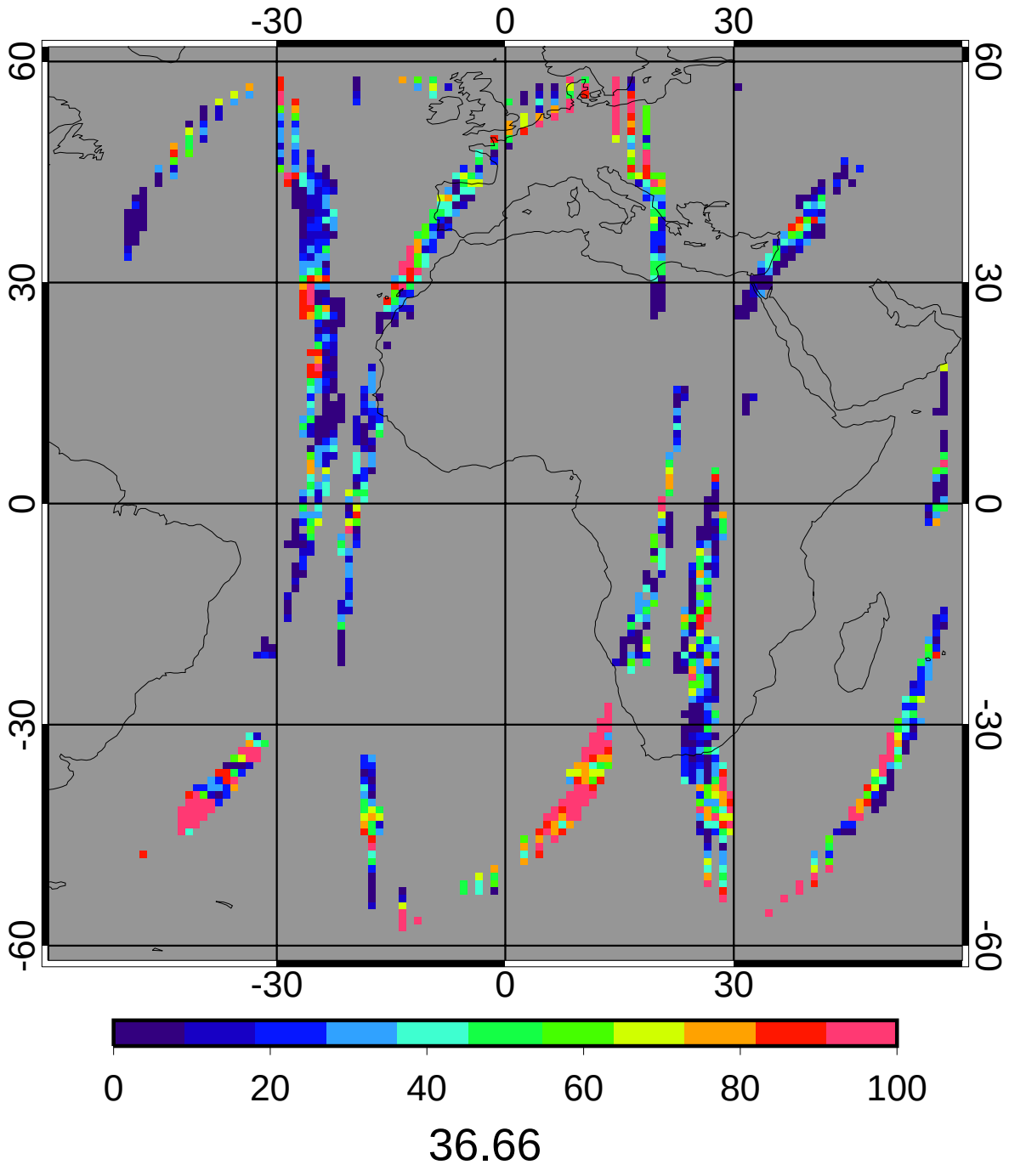
5ch_39cal Jan 2010 (matched angle)



regave rms	0.12	8.42%
domain rms	0.19	12.82%

GGEO MEAN Nighttime Liquid Cld Amt (%)

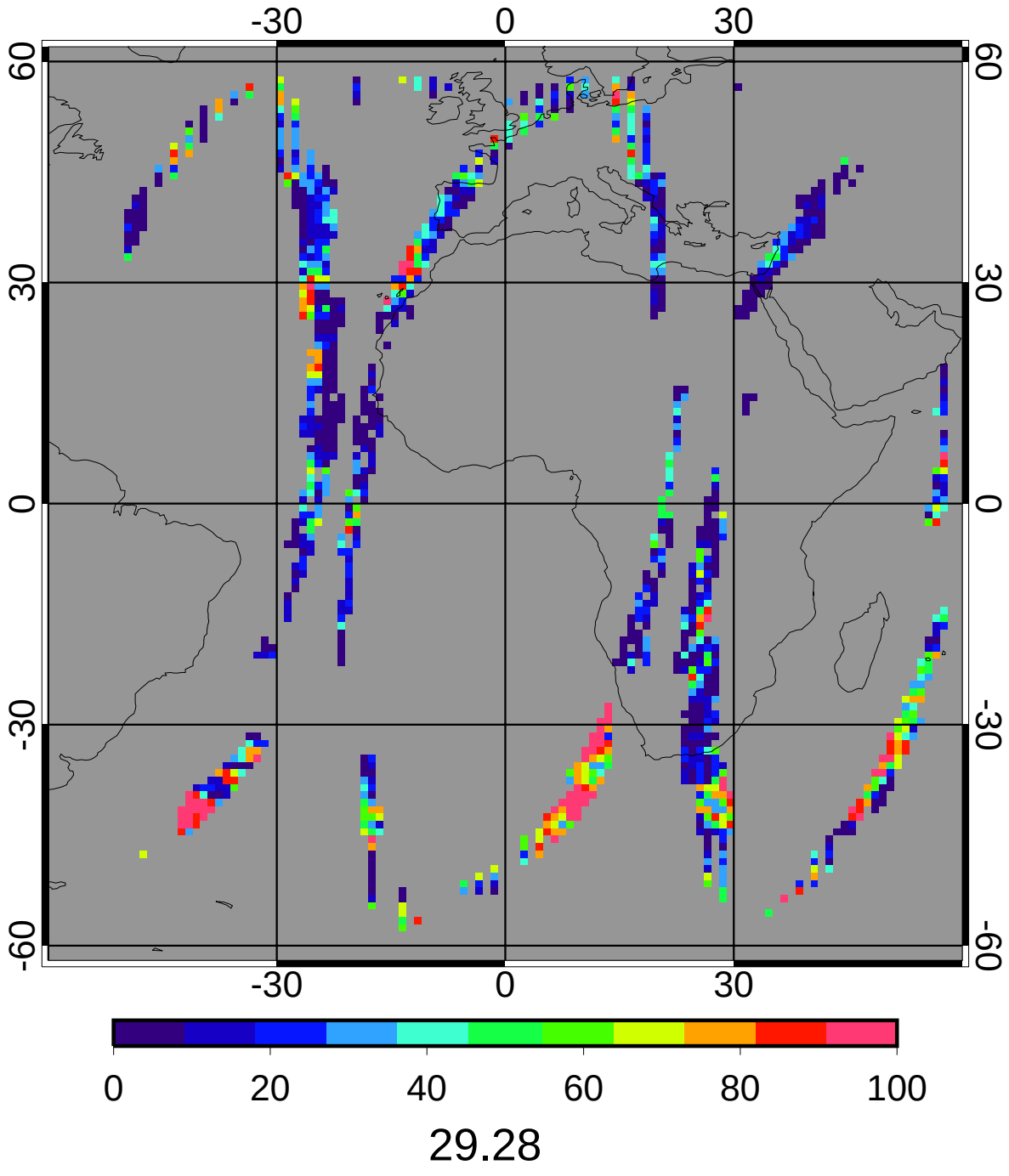
5ch_39cal Jan 2010 (matched angle)



36.66

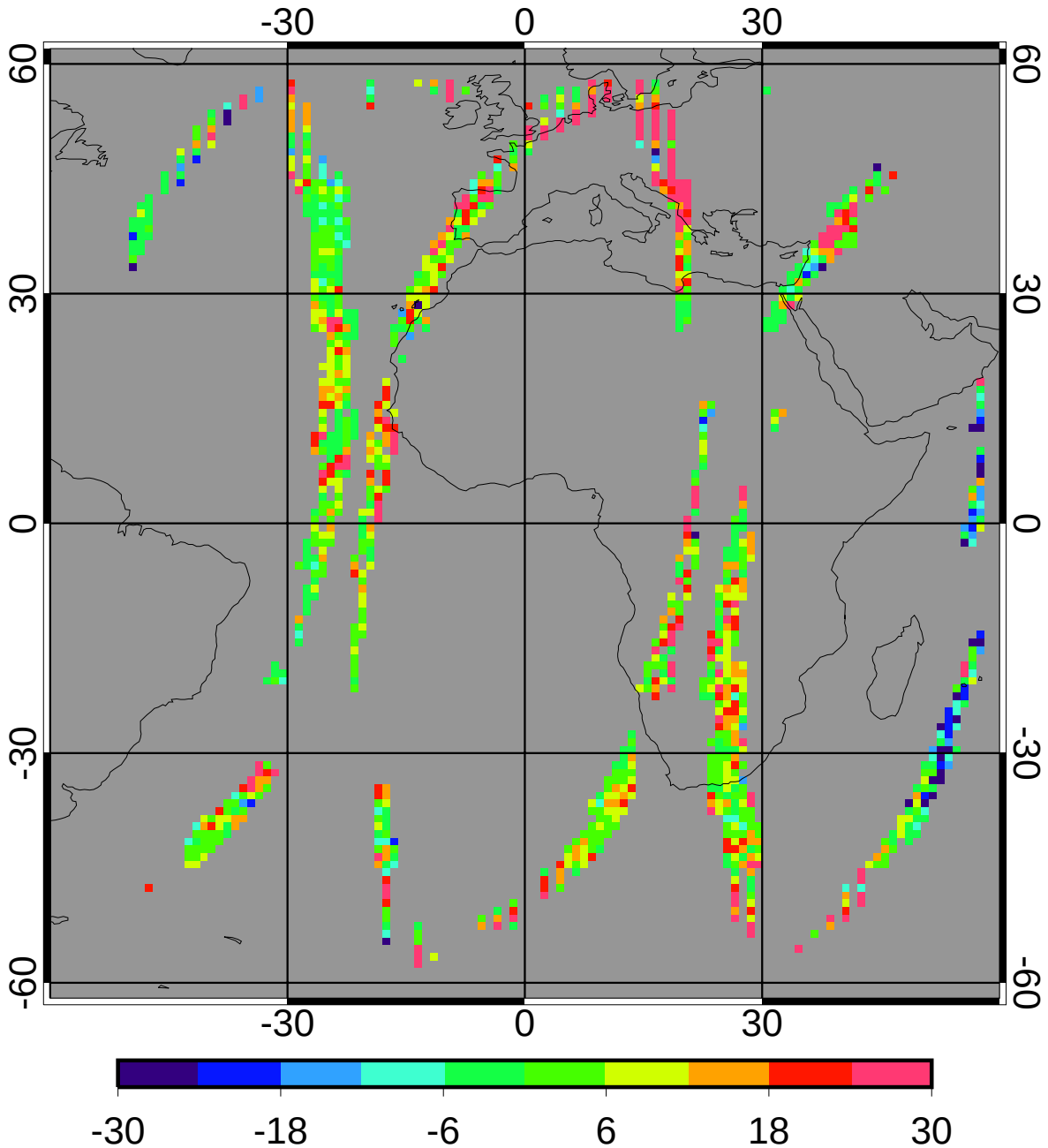
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Jan 2010 (matched angle)



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

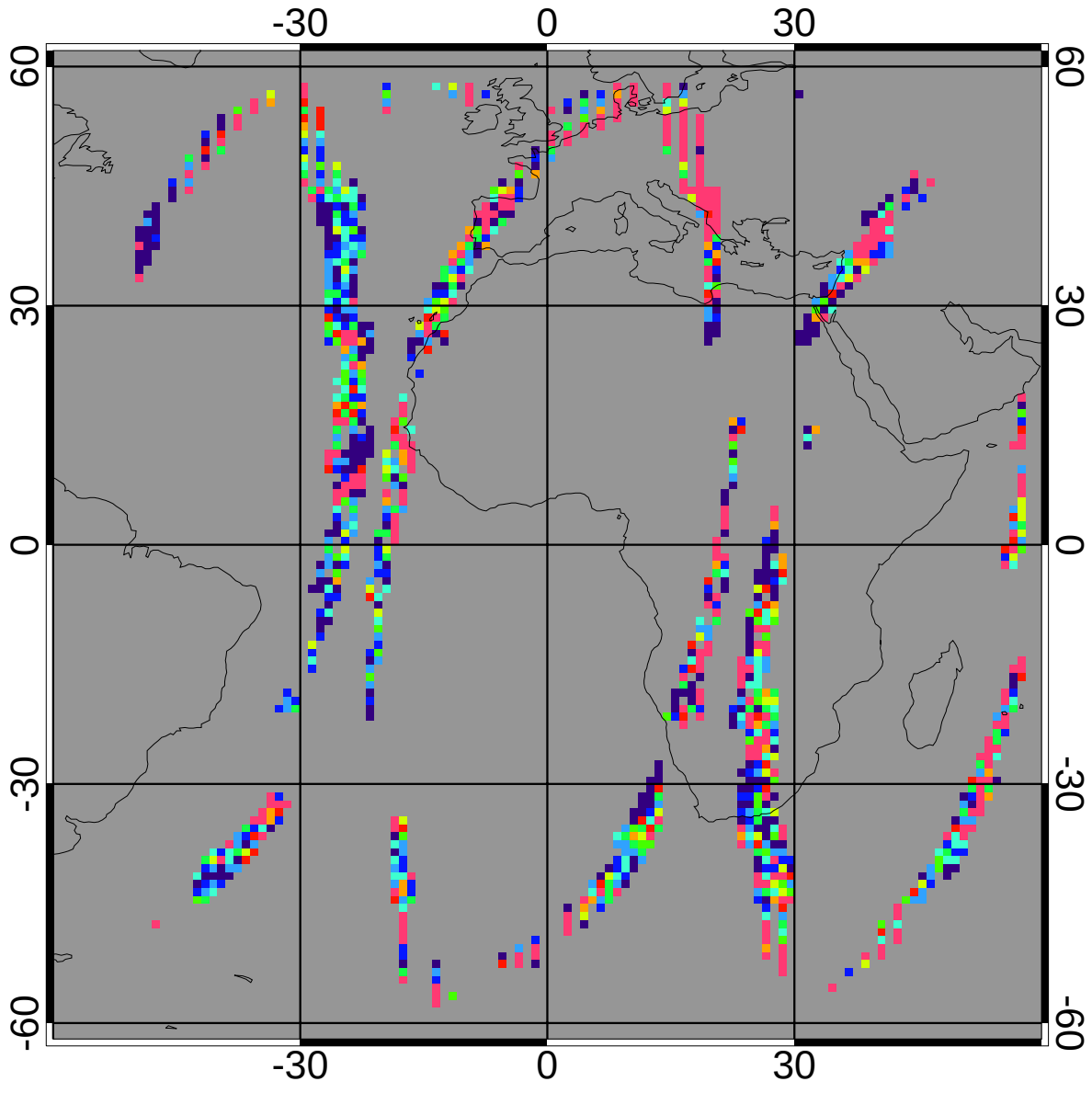
5ch_39cal Jan 2010 (matched angle)



bias	7.38	25.20%
domain sigma	13.31	45.46%

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

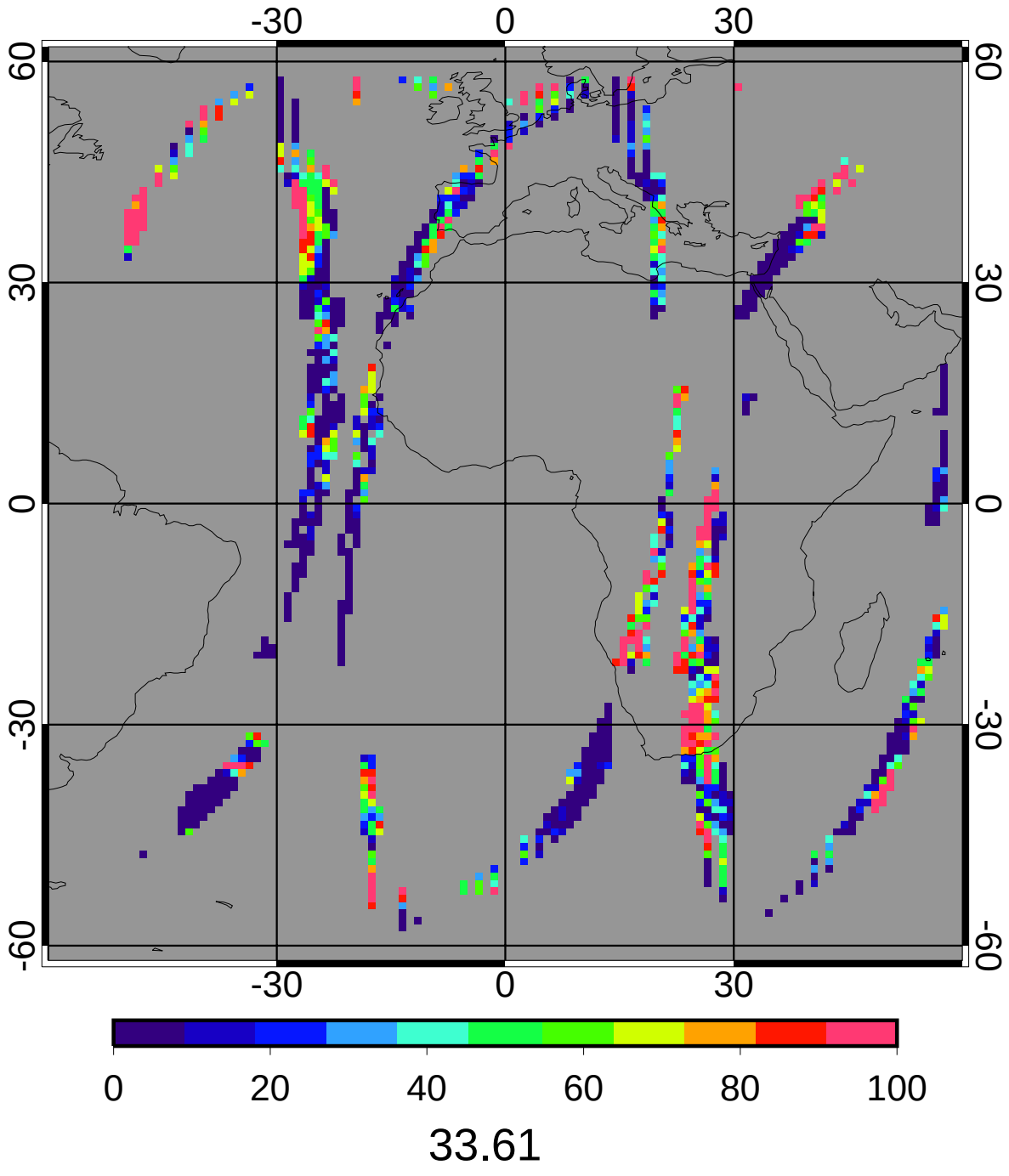
5ch_39cal Jan 2010 (matched angle)



regave rms	12.19	41.63%
domain rms	17.04	58.18%

GGEO MEAN Nighttime Ice Cld Amt (%)

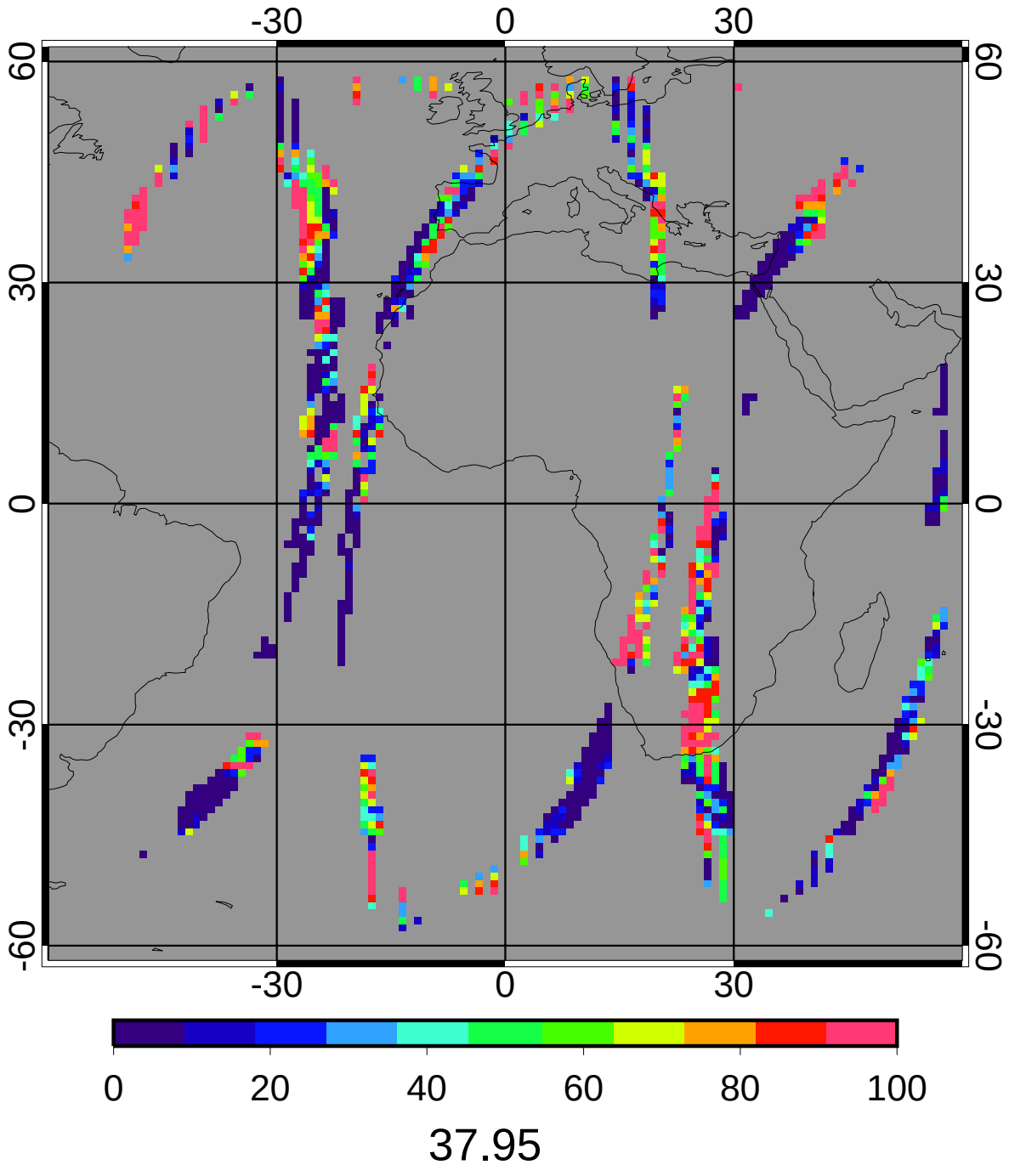
5ch_39cal Jan 2010 (matched angle)



33.61

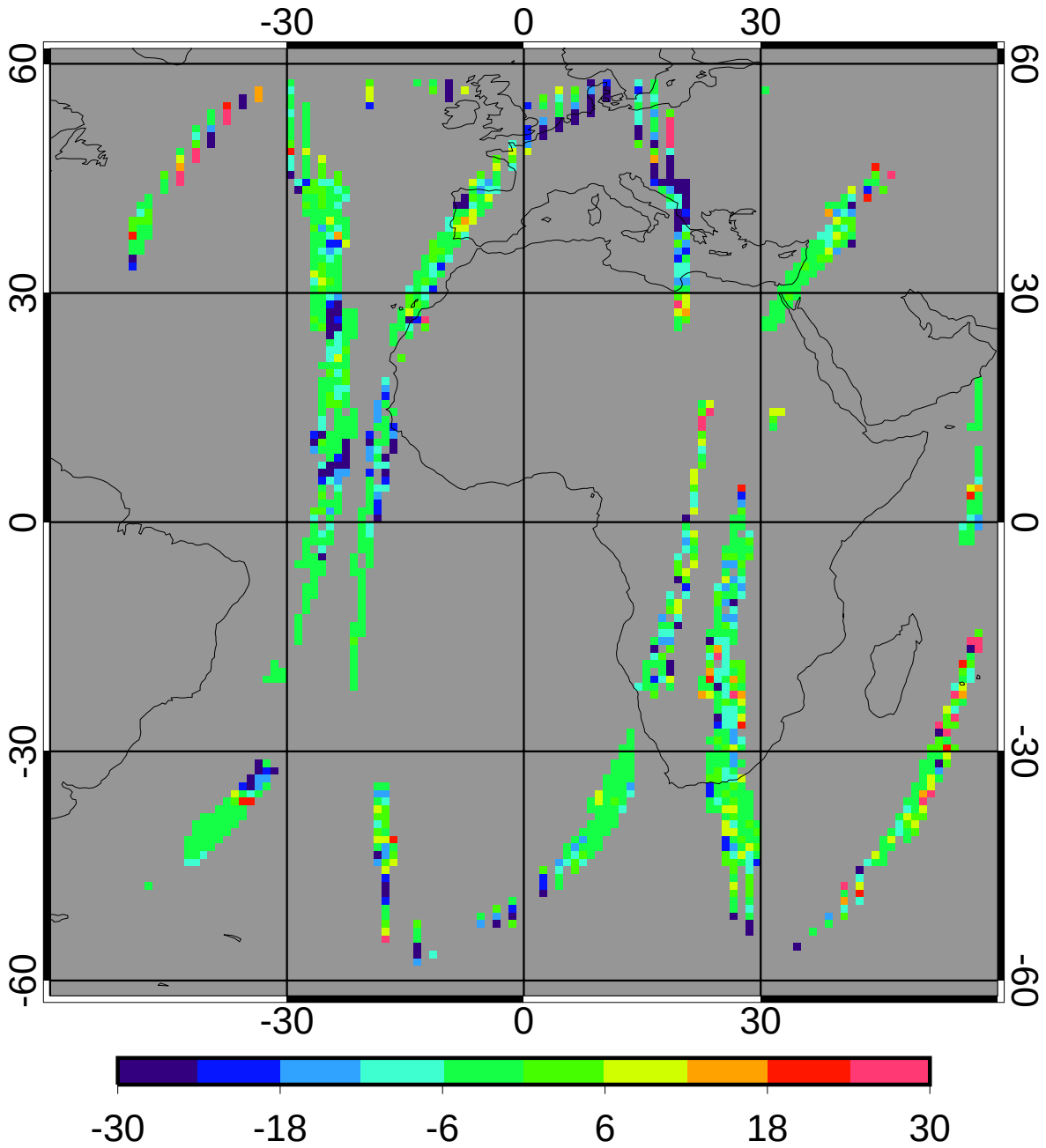
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Jan 2010 (matched angle)



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

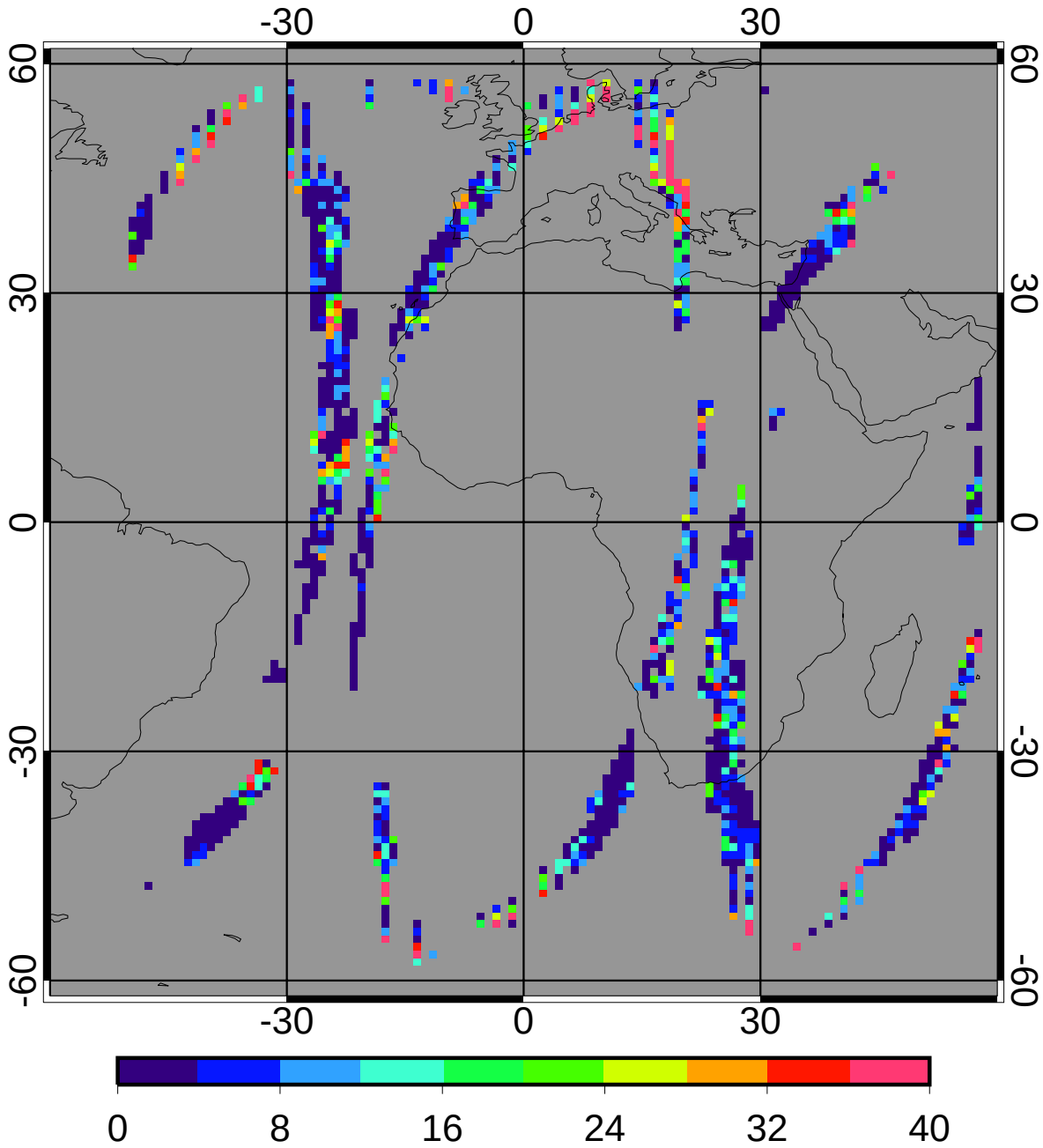
5ch_39cal Jan 2010 (matched angle)



bias	-4.34	-11.44%
domain sigma	11.20	29.52%

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

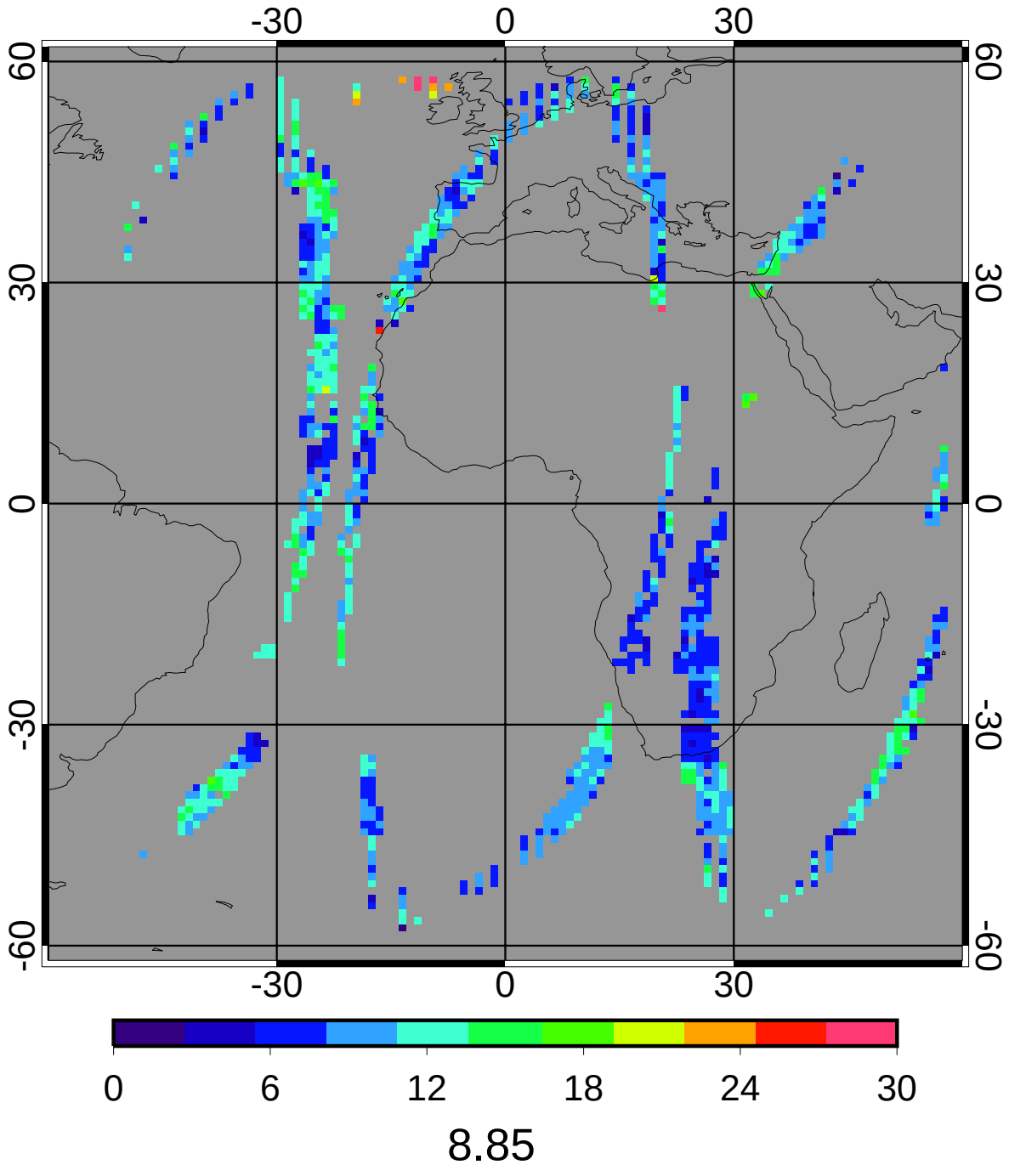
5ch_39cal Jan 2010 (matched angle)



regave rms	8.75	23.05%
domain rms	13.92	36.68%

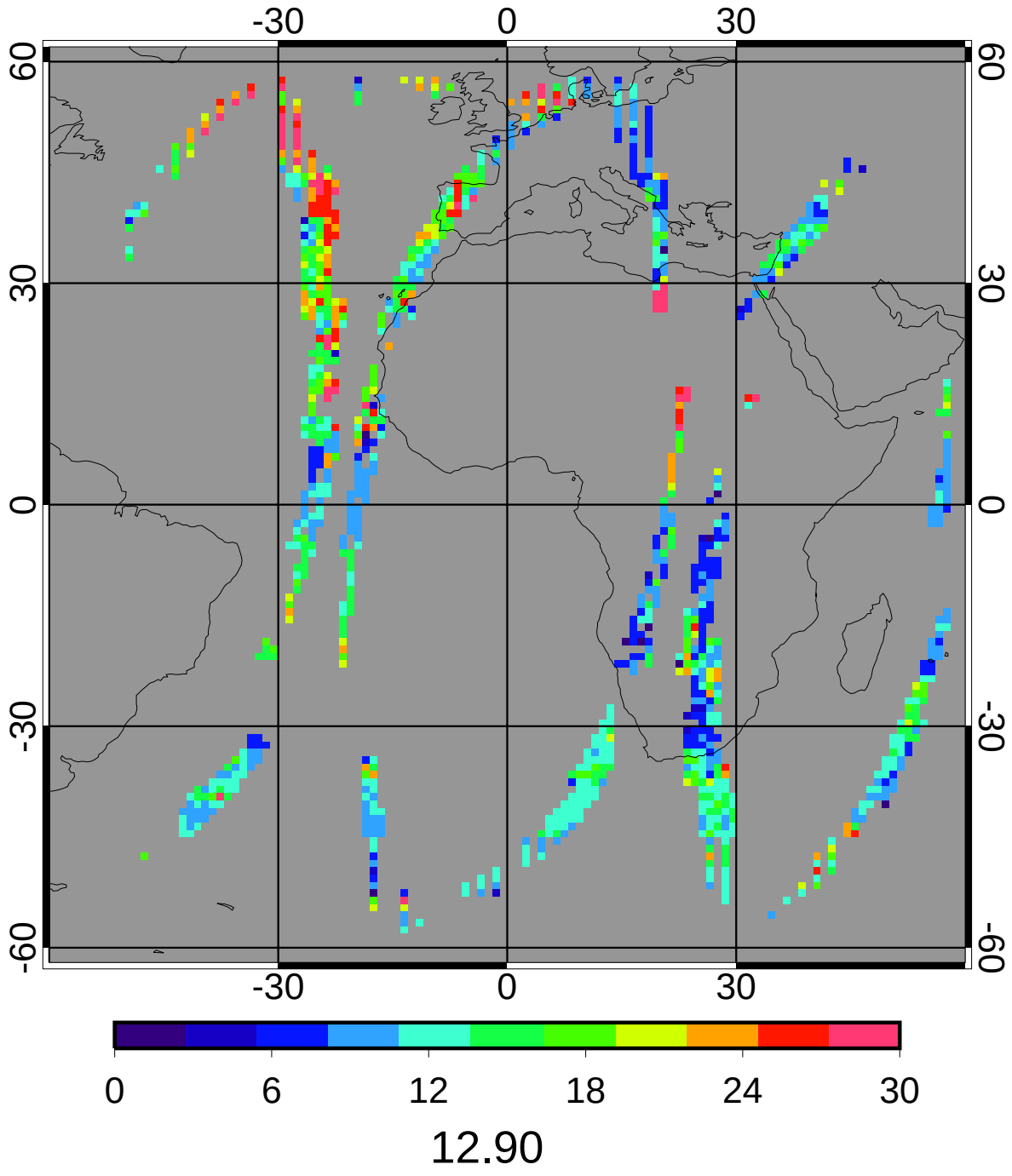
GGEO MEAN Nighttime Liquid Particle Size (microns)

5ch_39cal Jan 2010 (matched angle)



CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

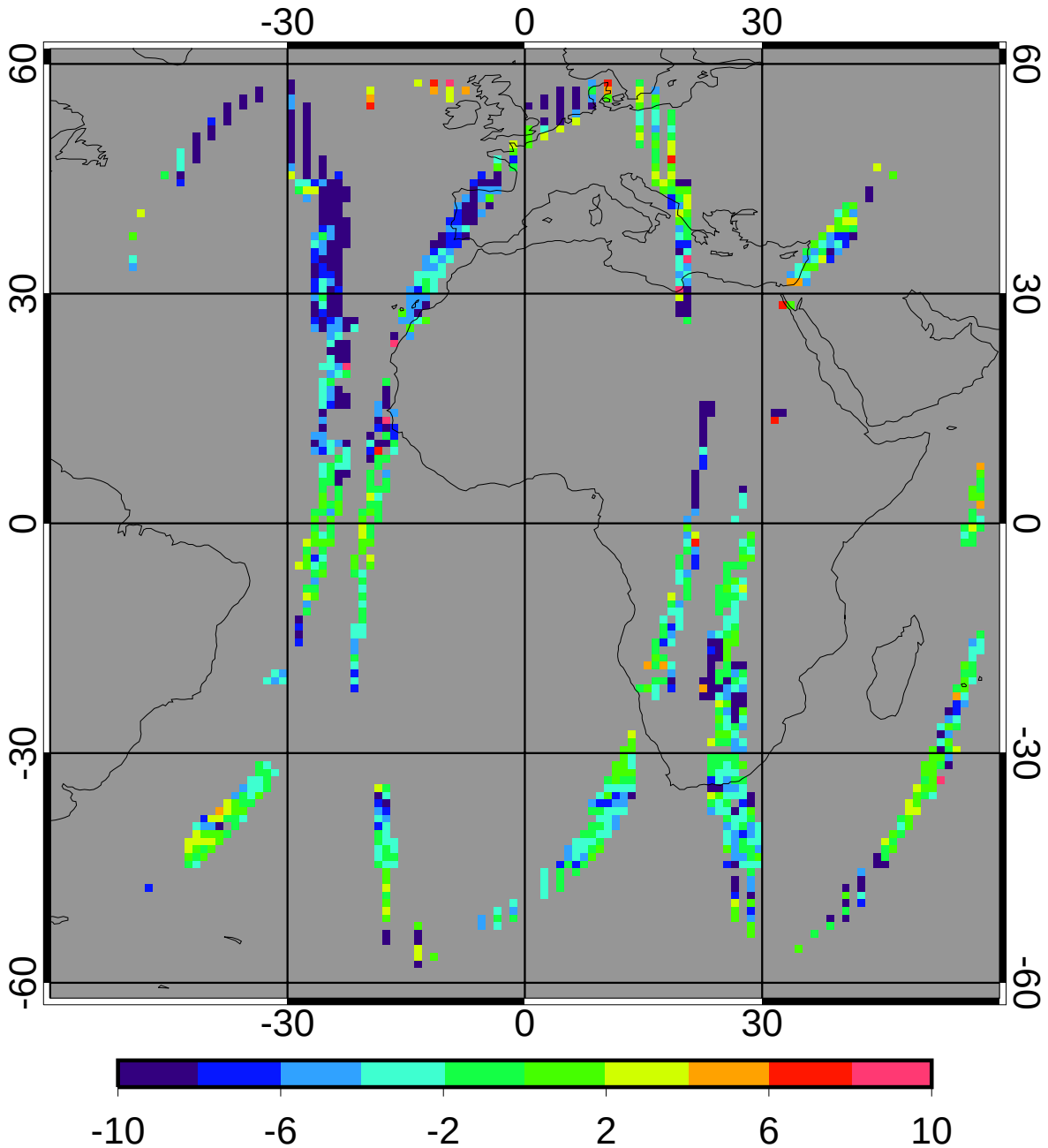
5ch_39cal Jan 2010 (matched angle)



12.90

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

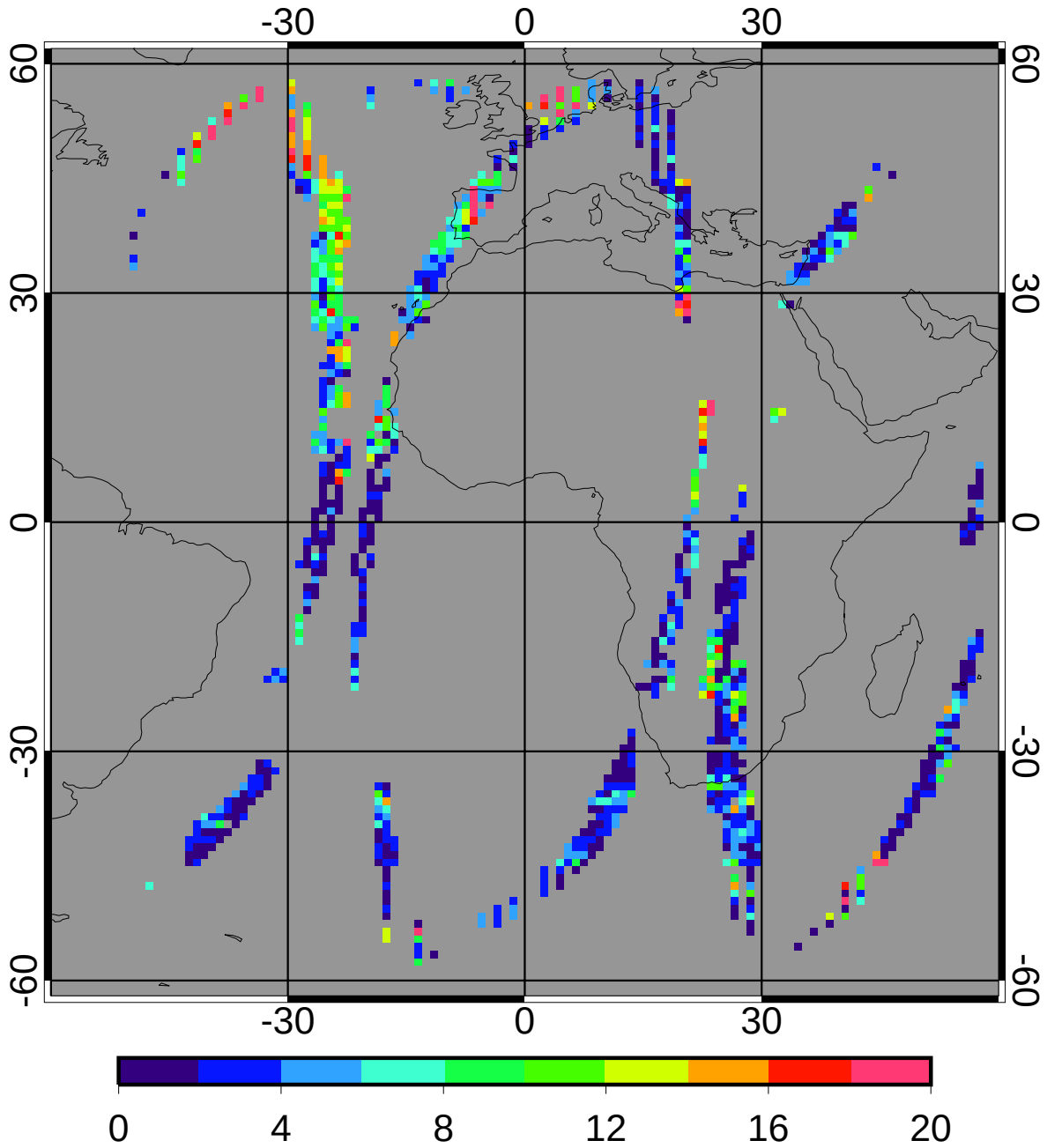
5ch_39cal Jan 2010 (matched angle)



bias	-3.57	-27.70%
domain sigma	4.51	34.95%

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

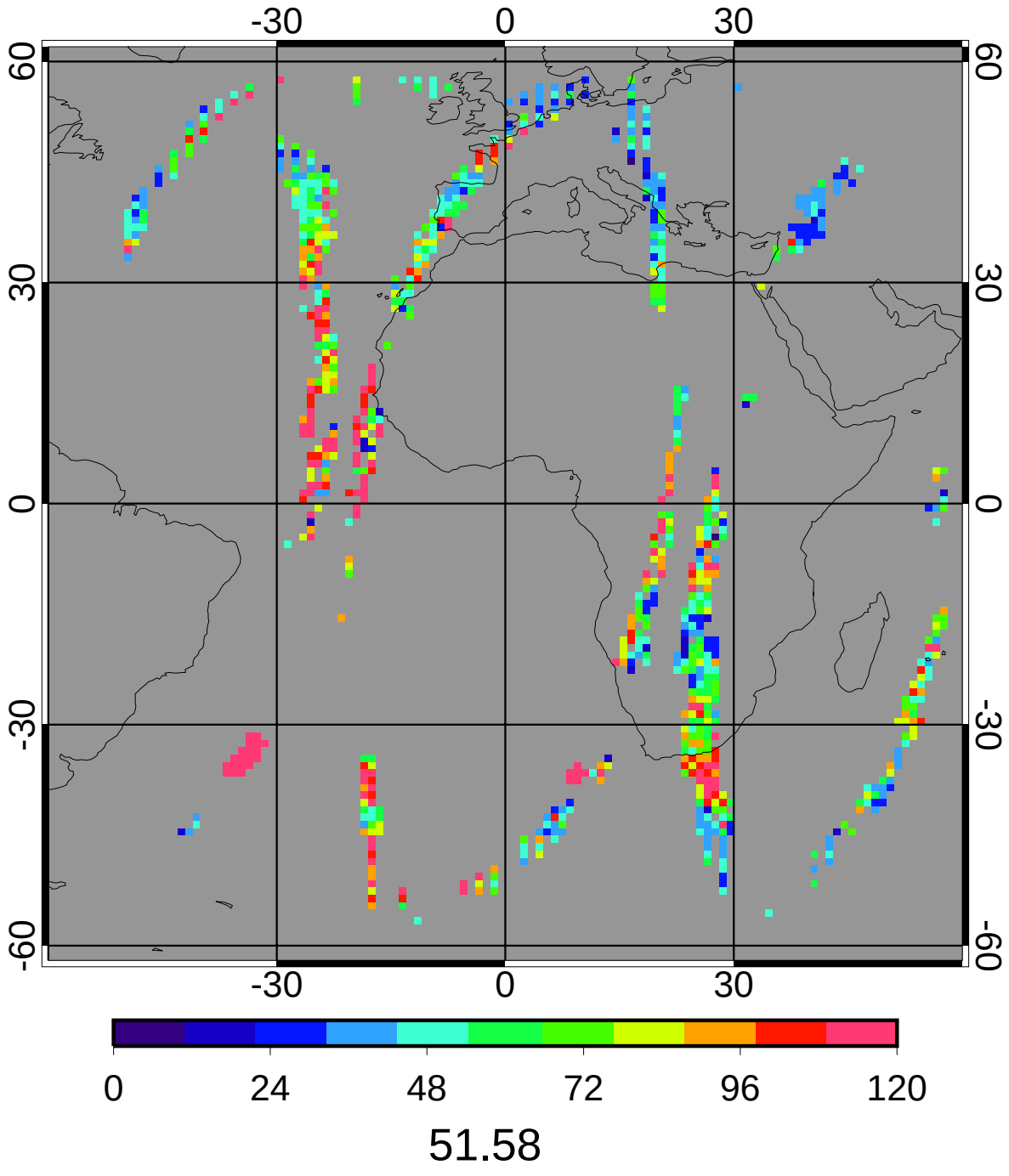
5ch_39cal Jan 2010 (matched angle)



regave rms	4.43	34.36%
domain rms	6.30	48.88%

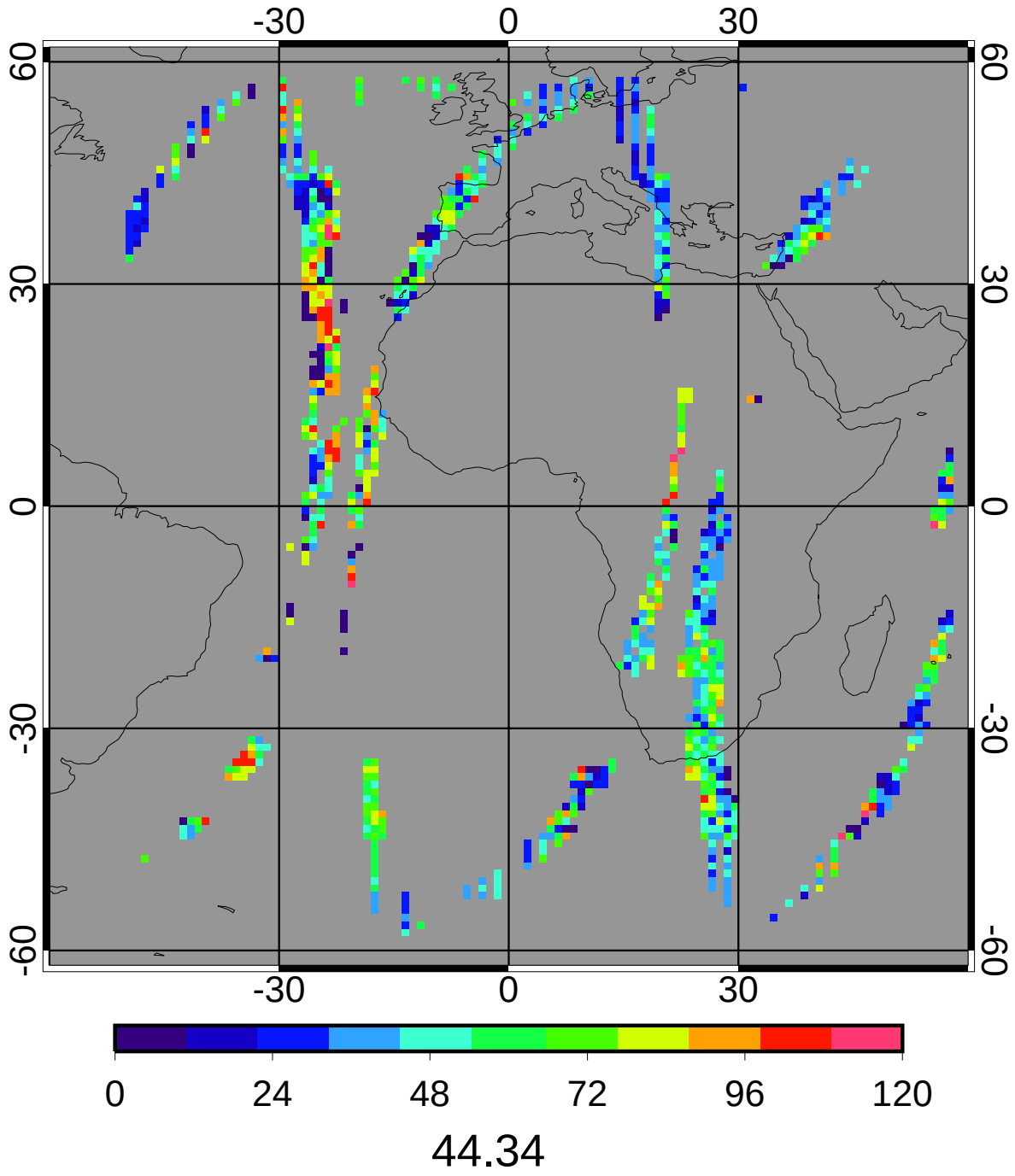
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Jan 2010 (matched angle)



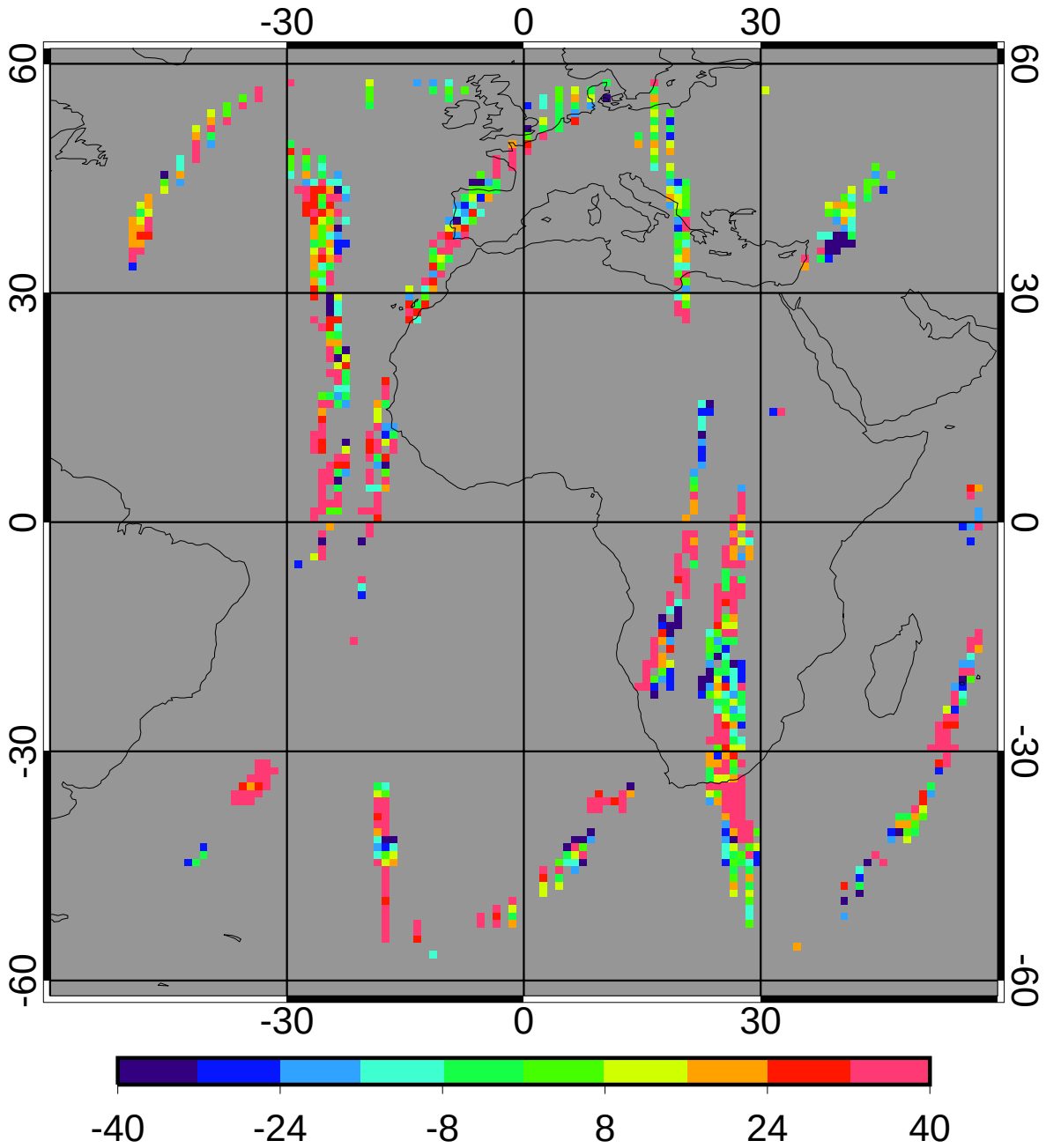
CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Jan 2010 (matched angle)



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

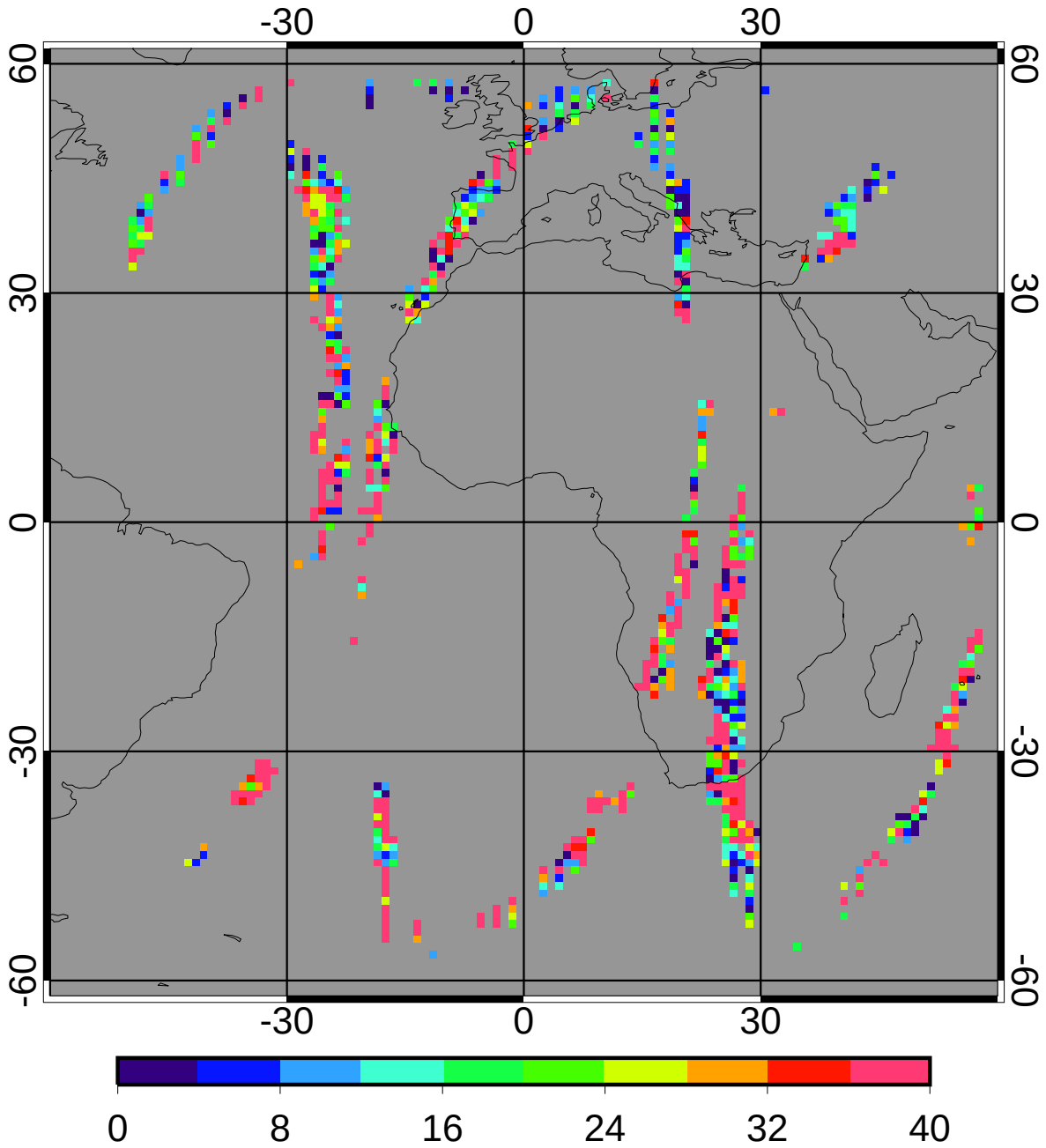
5ch_39cal Jan 2010 (matched angle)



bias	11.85	26.73%
domain sigma	29.36	66.22%

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

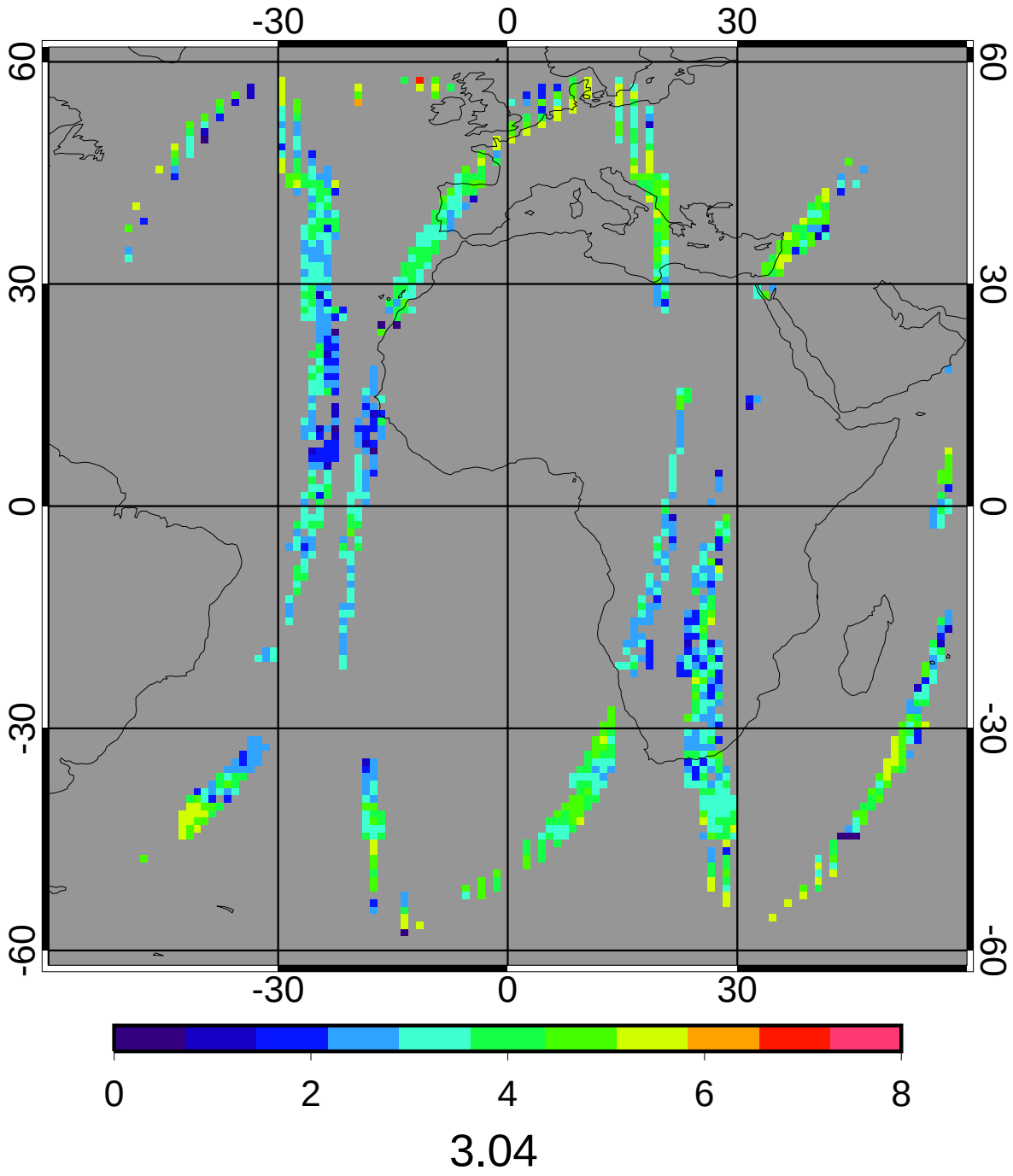
5ch_39cal Jan 2010 (matched angle)



regave rms	21.99	49.60%
domain rms	34.11	76.93%

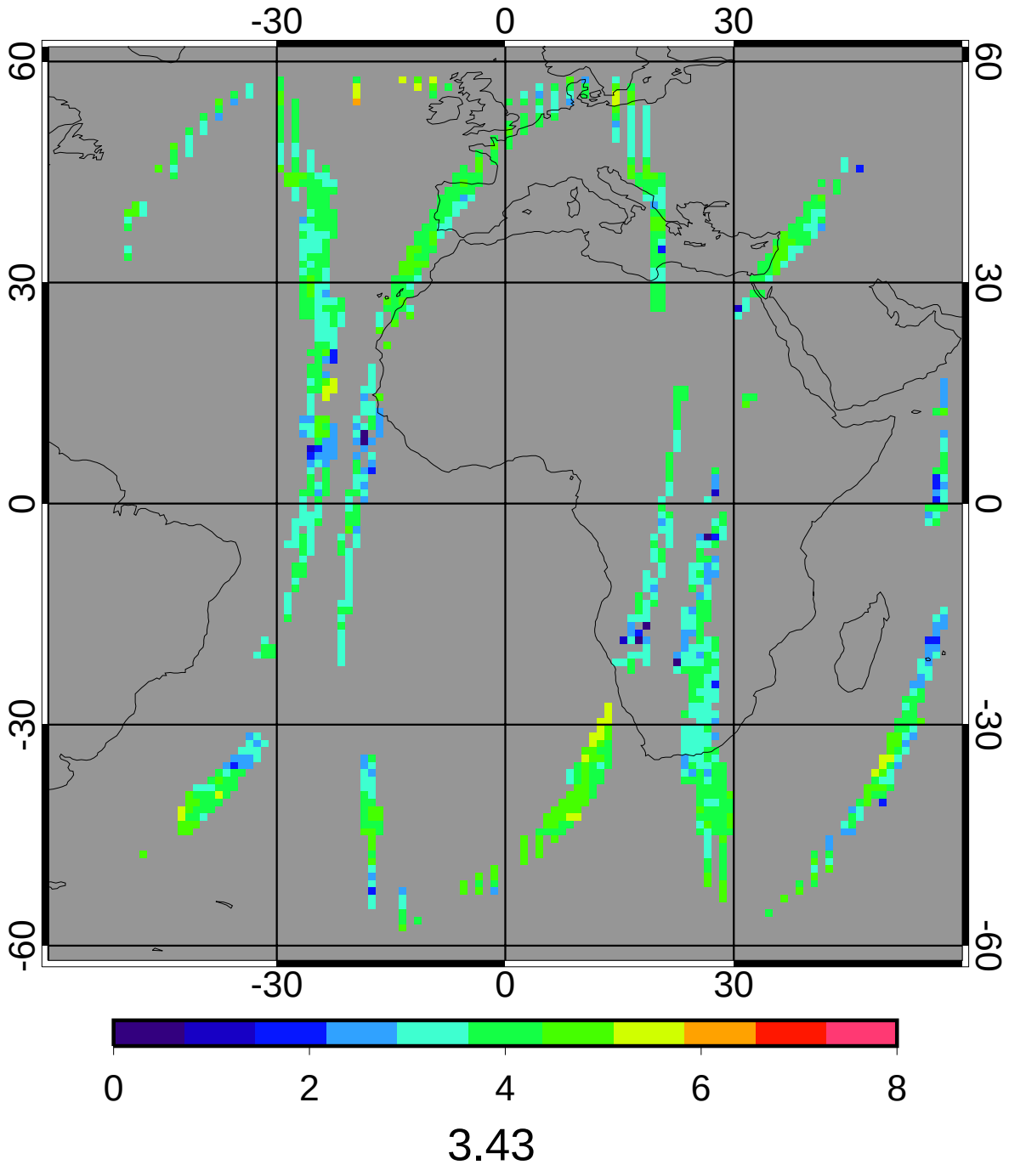
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



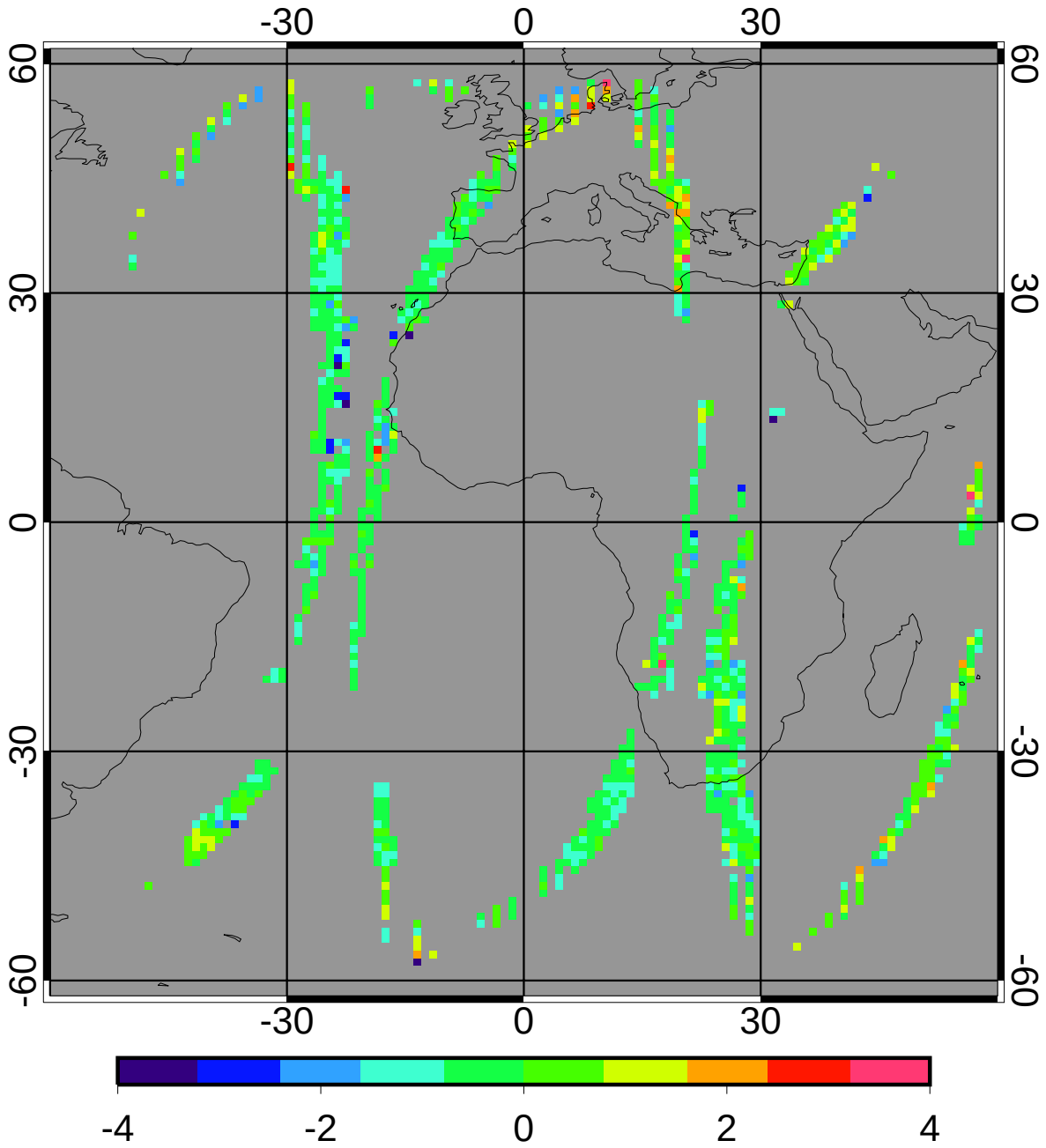
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



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

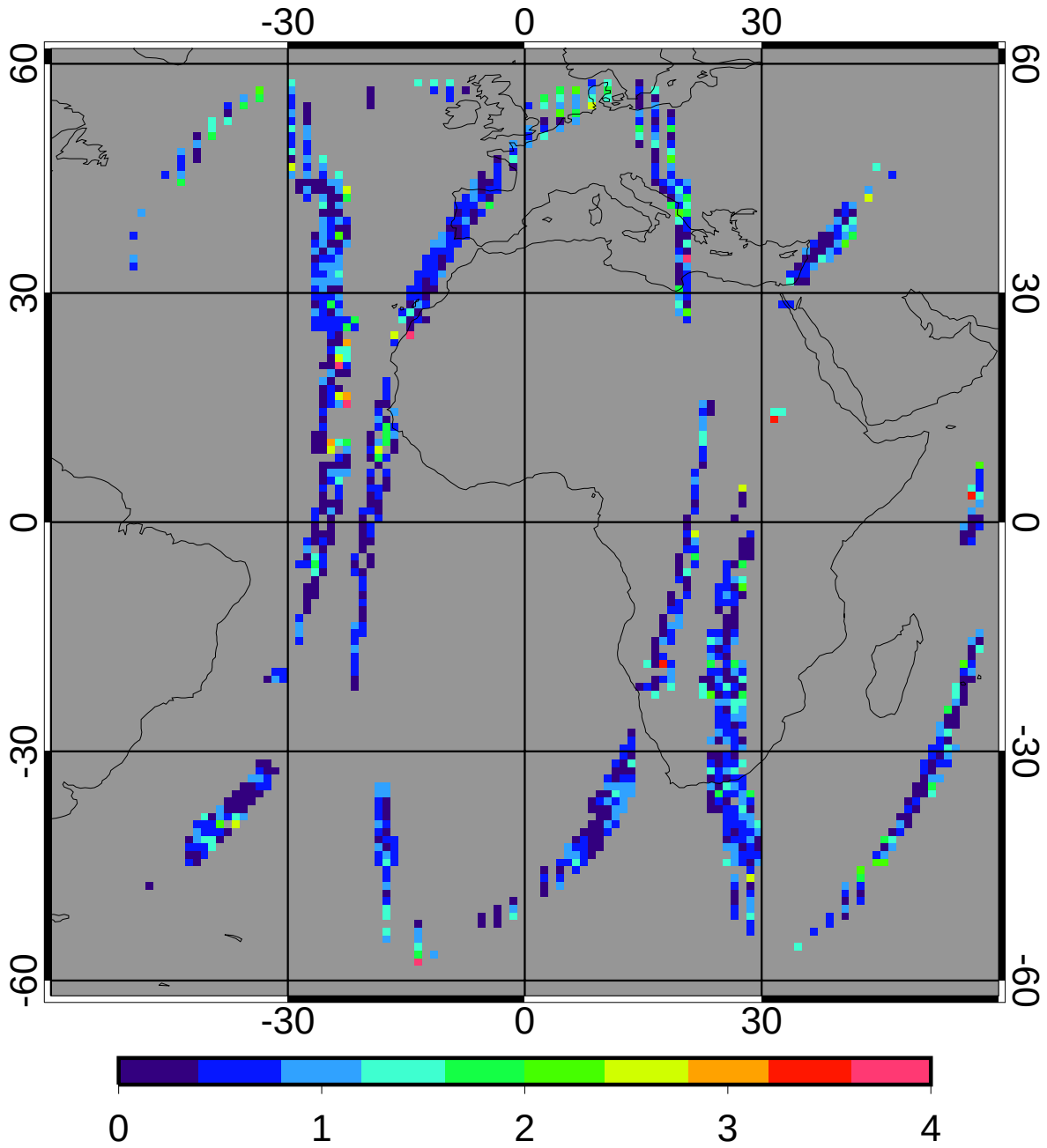
5ch_39cal Jan 2010 (matched angle)



bias	-0.26	-7.57%
domain sigma	0.73	21.27%

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

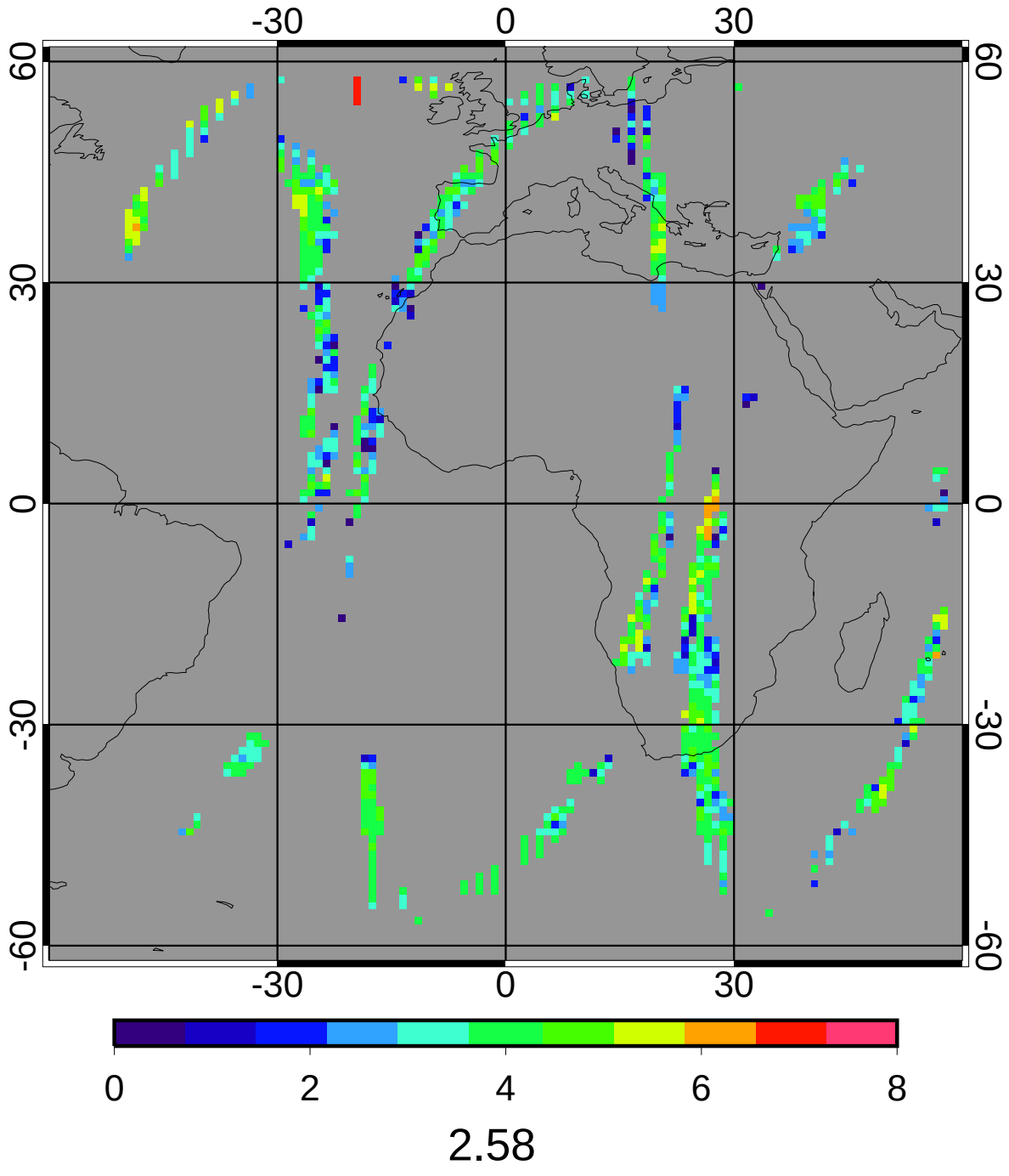
5ch_39cal Jan 2010 (matched angle)



regave rms	0.62	18.14%
domain rms	0.83	24.29%

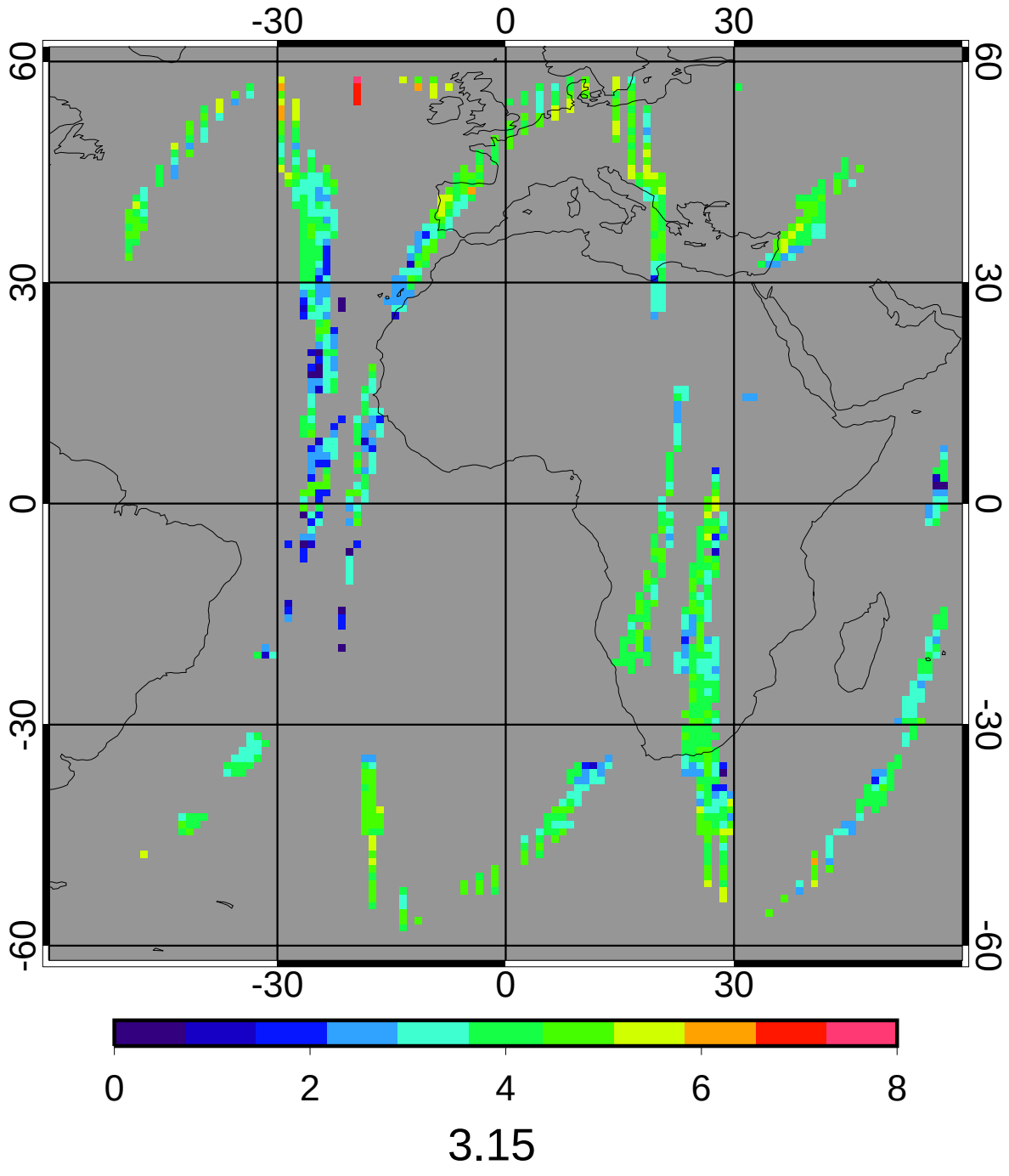
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



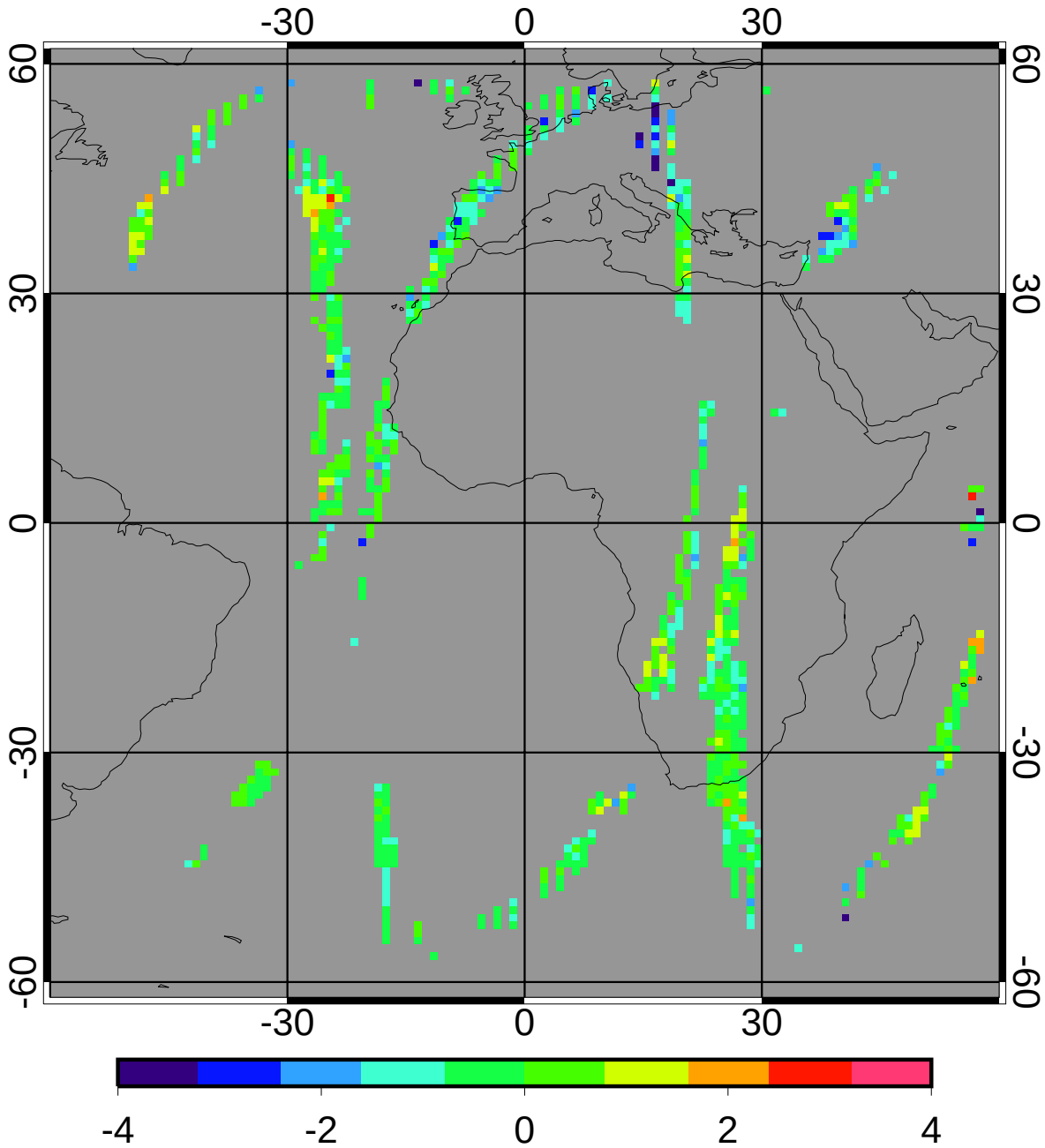
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010 (matched angle)



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

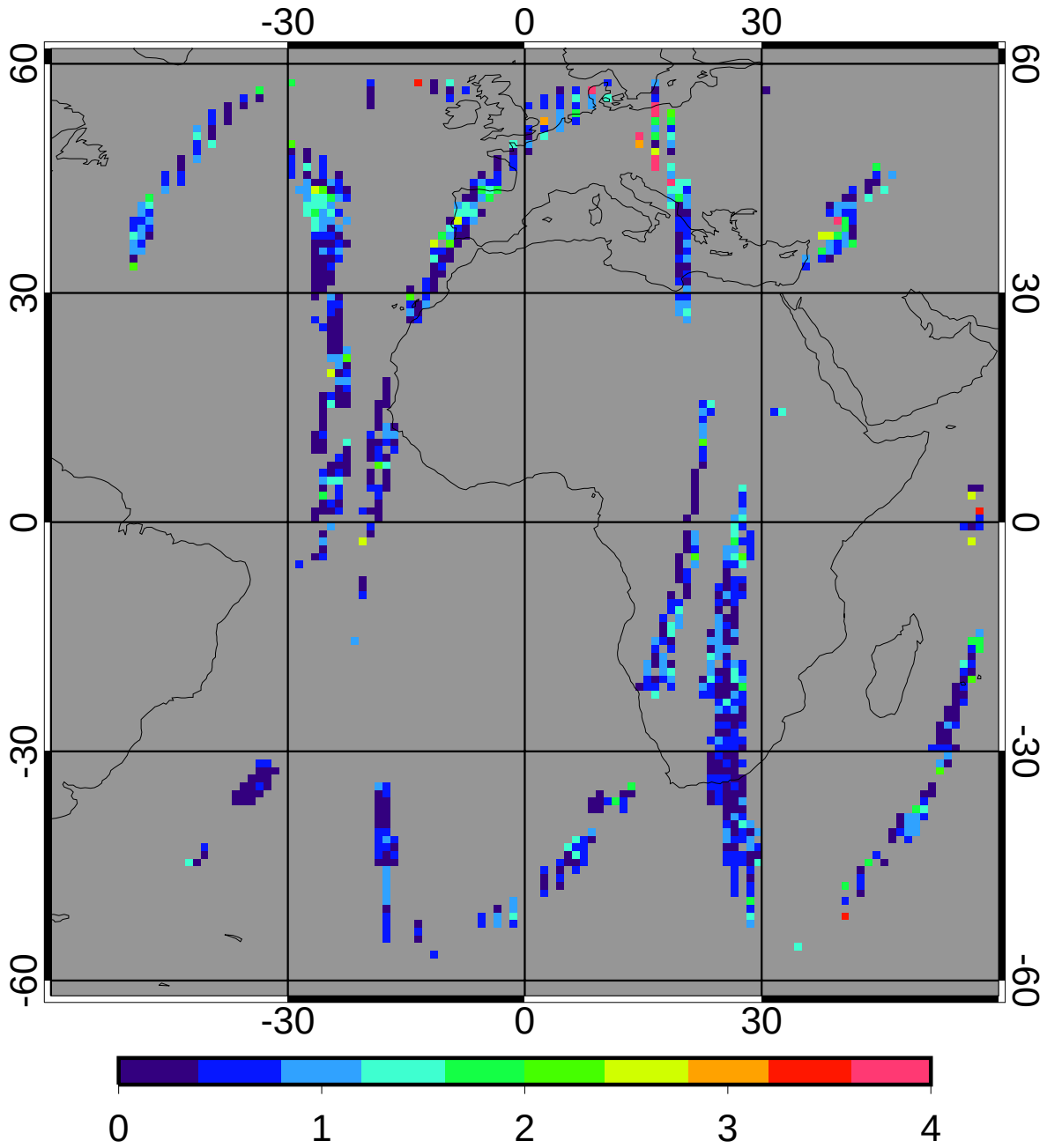
5ch_39cal Jan 2010 (matched angle)



bias	-0.18	-5.78%
domain sigma	0.73	23.27%

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

5ch_39cal Jan 2010 (matched angle)



regave rms	0.49	15.67%
domain rms	0.90	28.41%