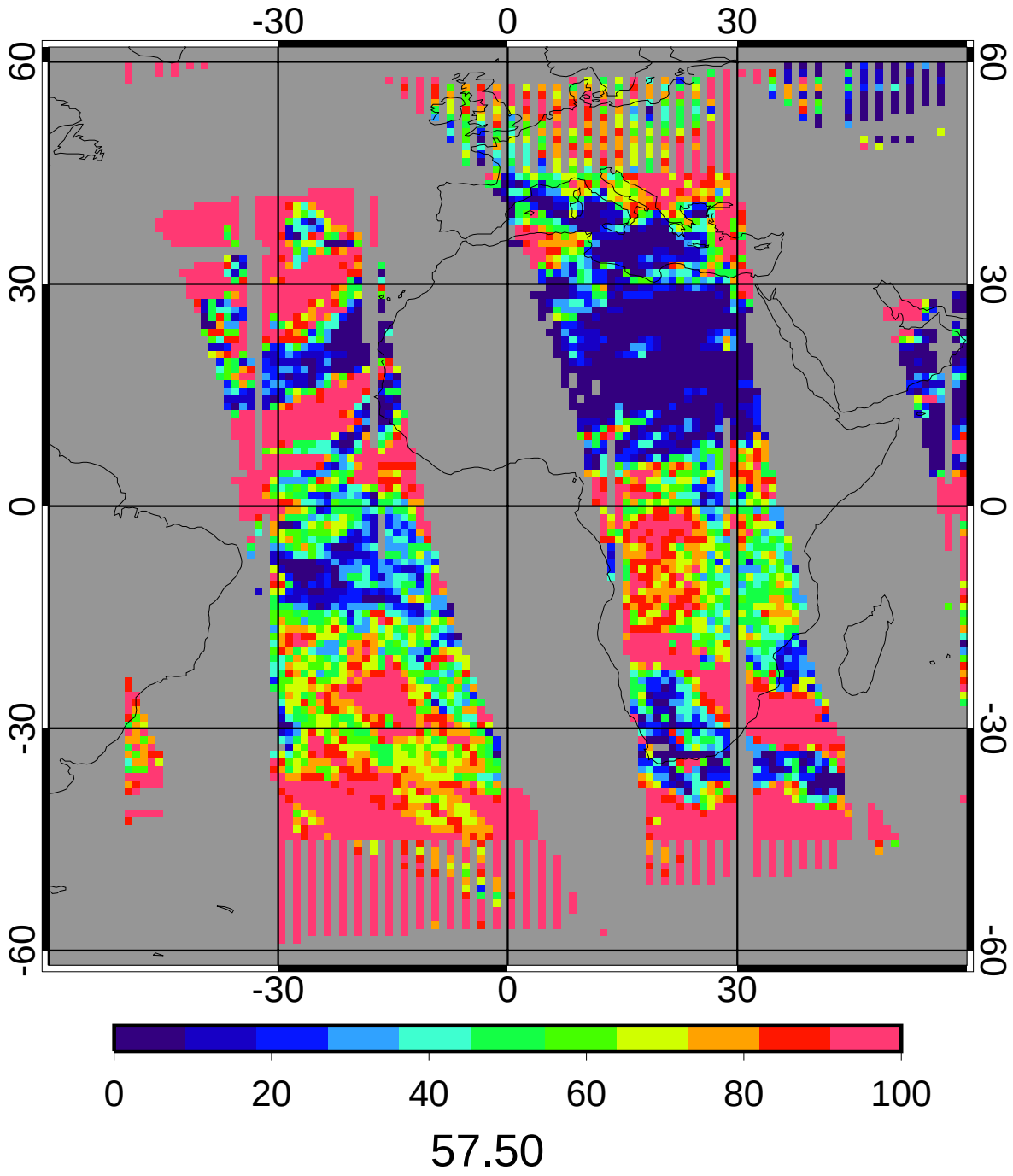
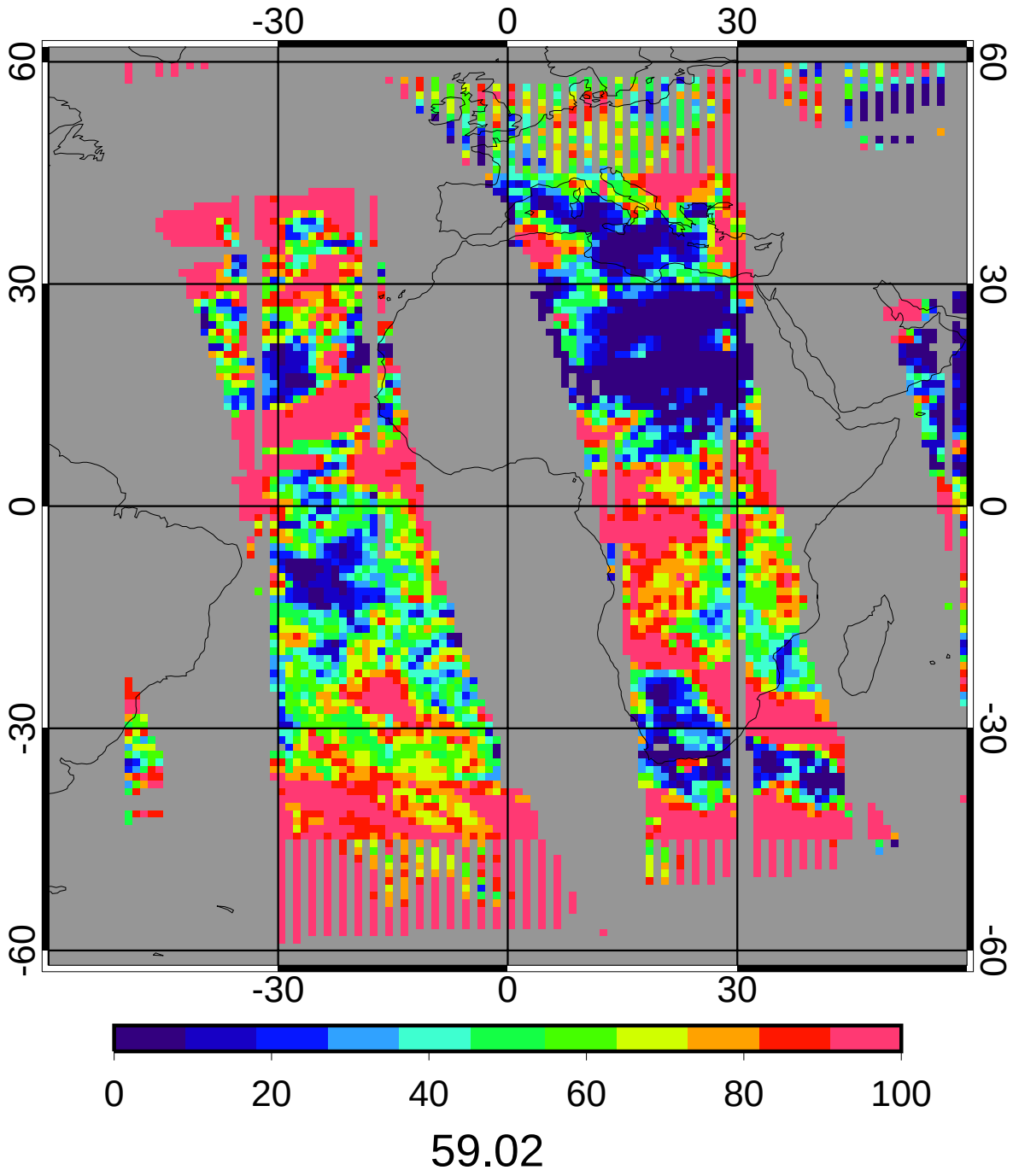
GGEO MEAN Daytime Cloud Amount (%)

5ch_39cal Apr 2010



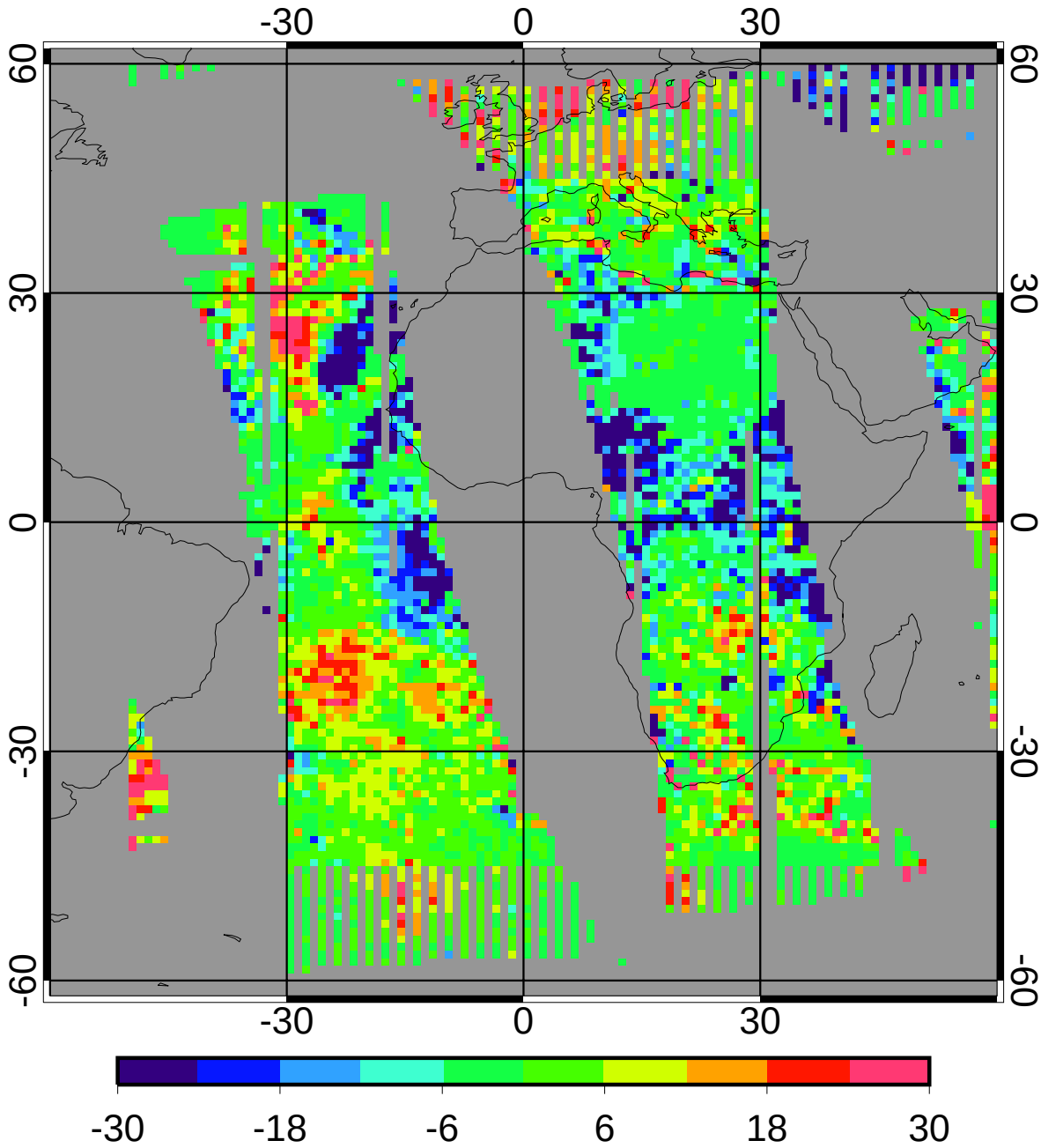
CERES/Aqua MEAN Daytime Cloud Amount (%)

5ch_39cal Apr 2010



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

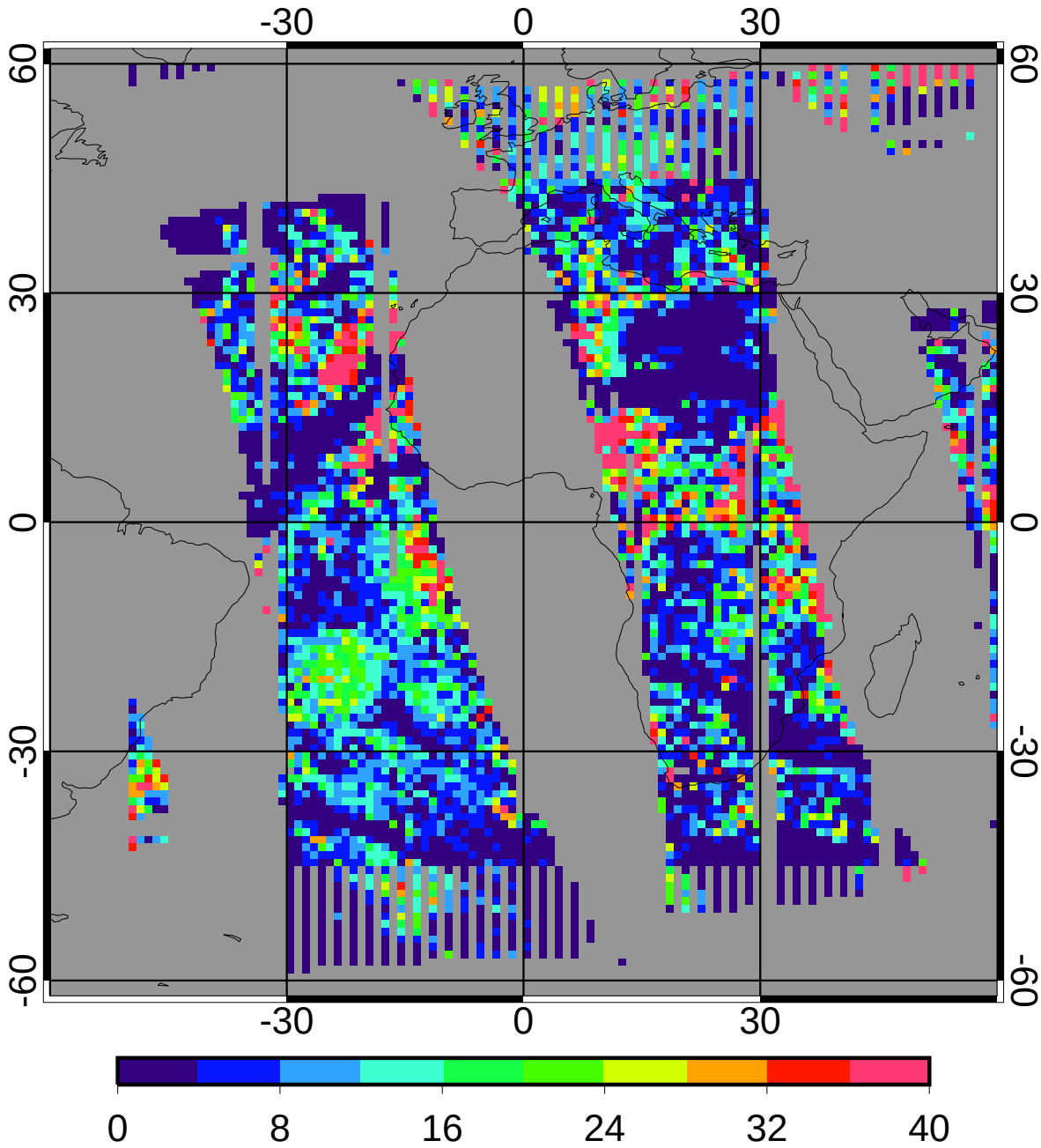
5ch_39cal Apr 2010



bias	-1.51	-2.56%
domain sigma	13.91	23.57%

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

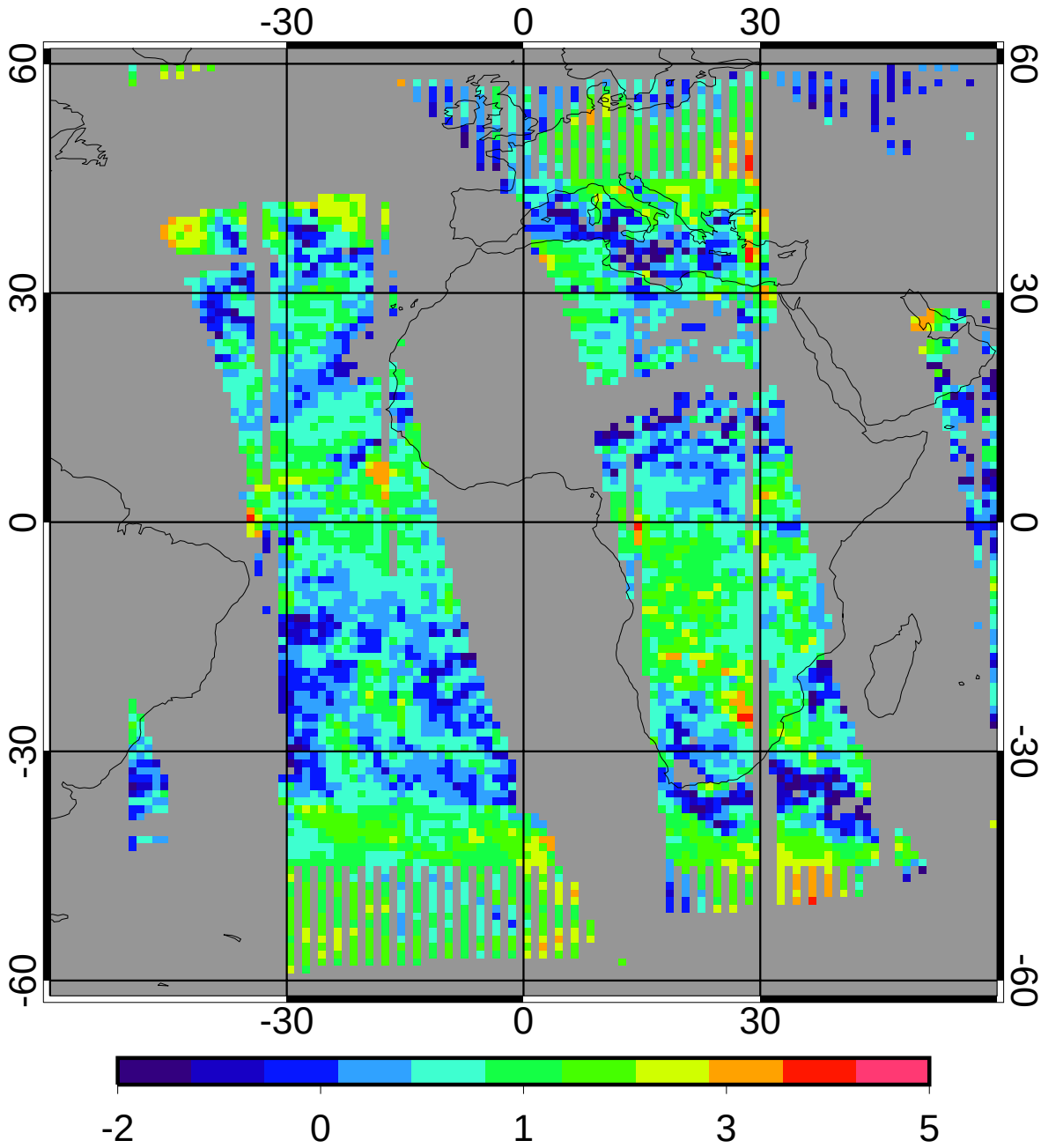
5ch_39cal Apr 2010



regave rms	10.98	18.60%
domain rms	15.09	25.56%

GGEO MEAN Daytime Log Optical Depth

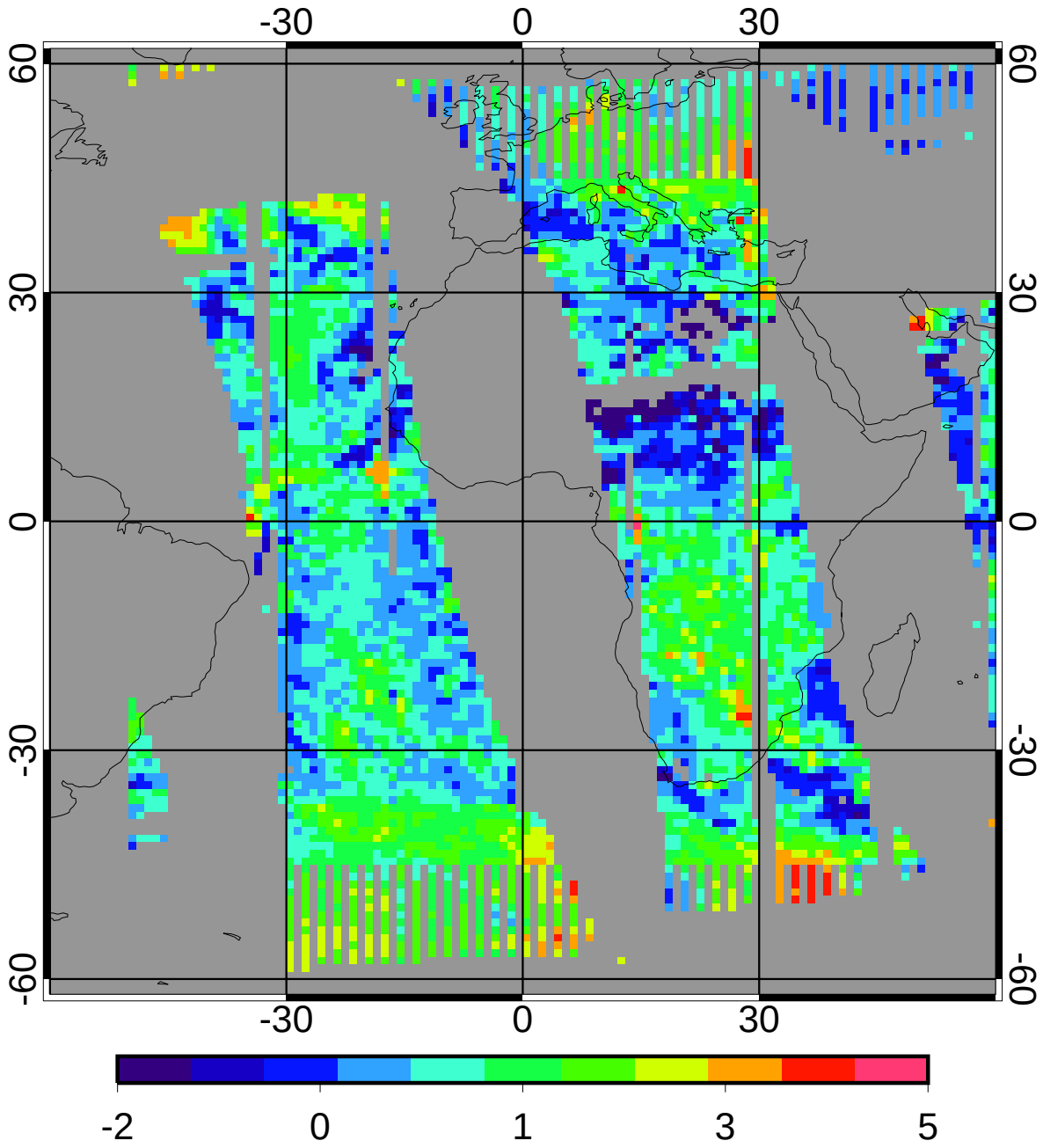
5ch_39cal Apr 2010



0.81

CERES/Aqua MEAN Daytime Log Optical Depth

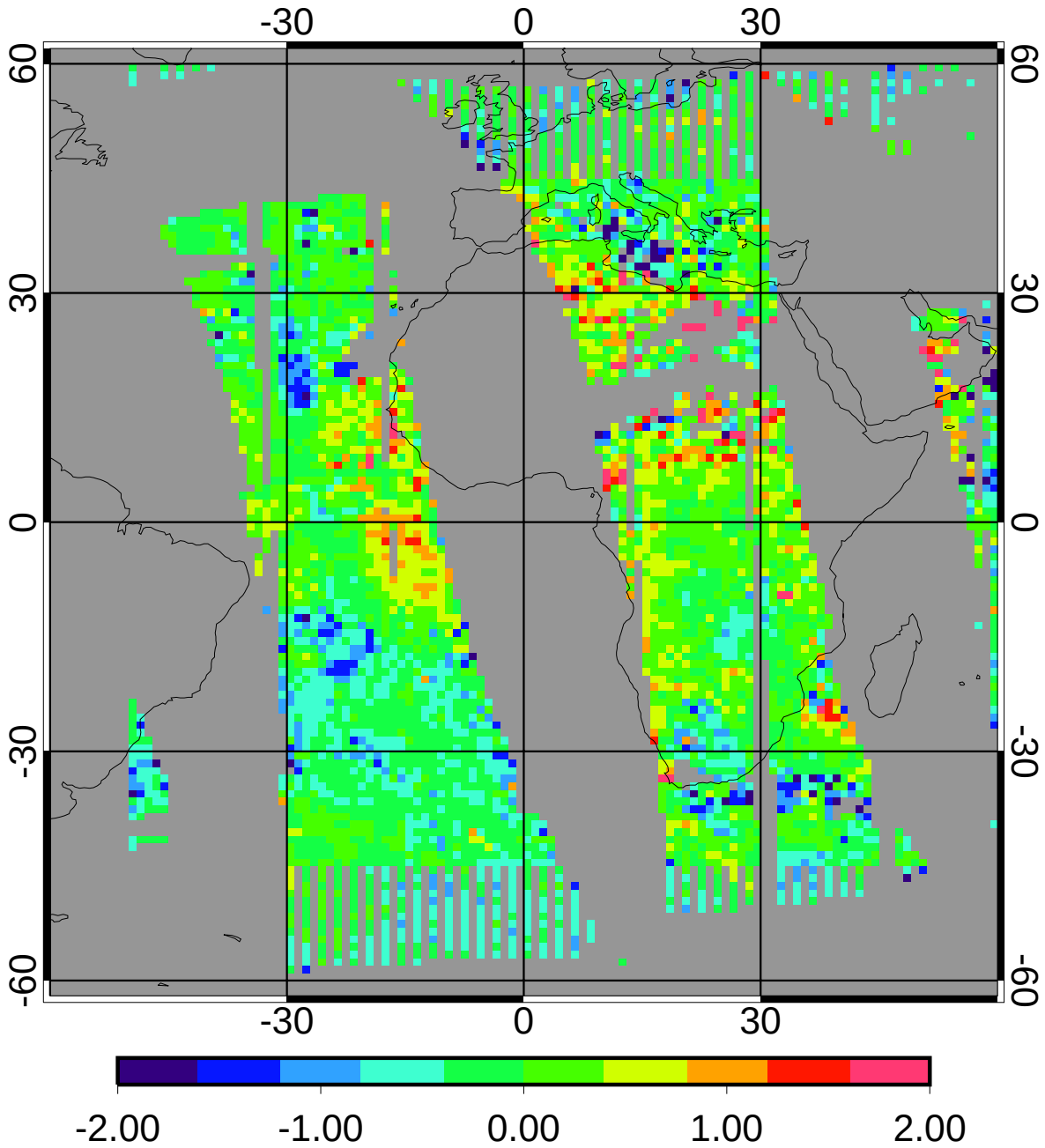
5ch_39cal Apr 2010



0.83

GGEO - CERES/Aqua Daytime Log Optical Depth Bias

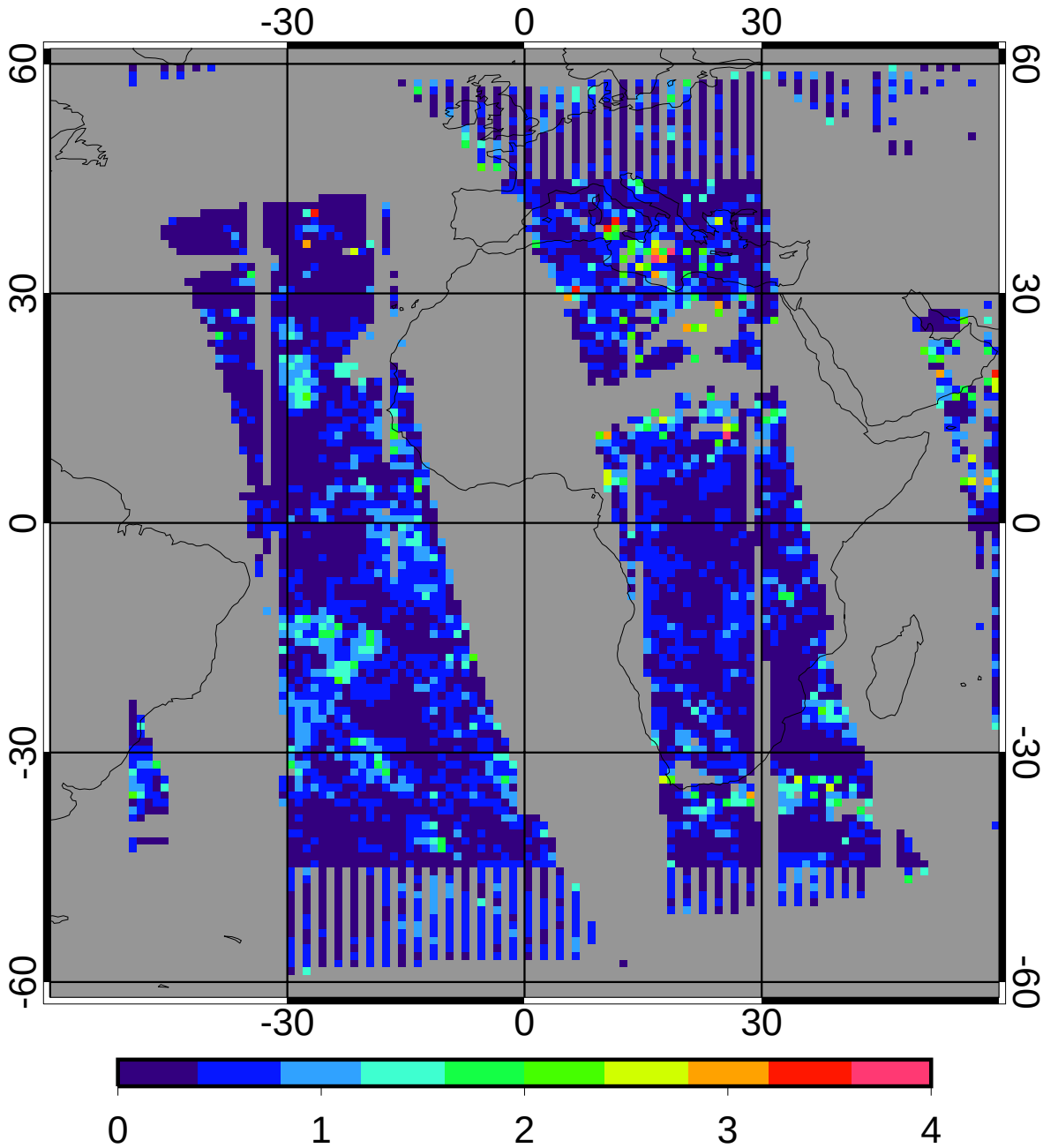
5ch_39cal Apr 2010



bias	-0.05	-6.15%
domain sigma	0.53	63.10%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

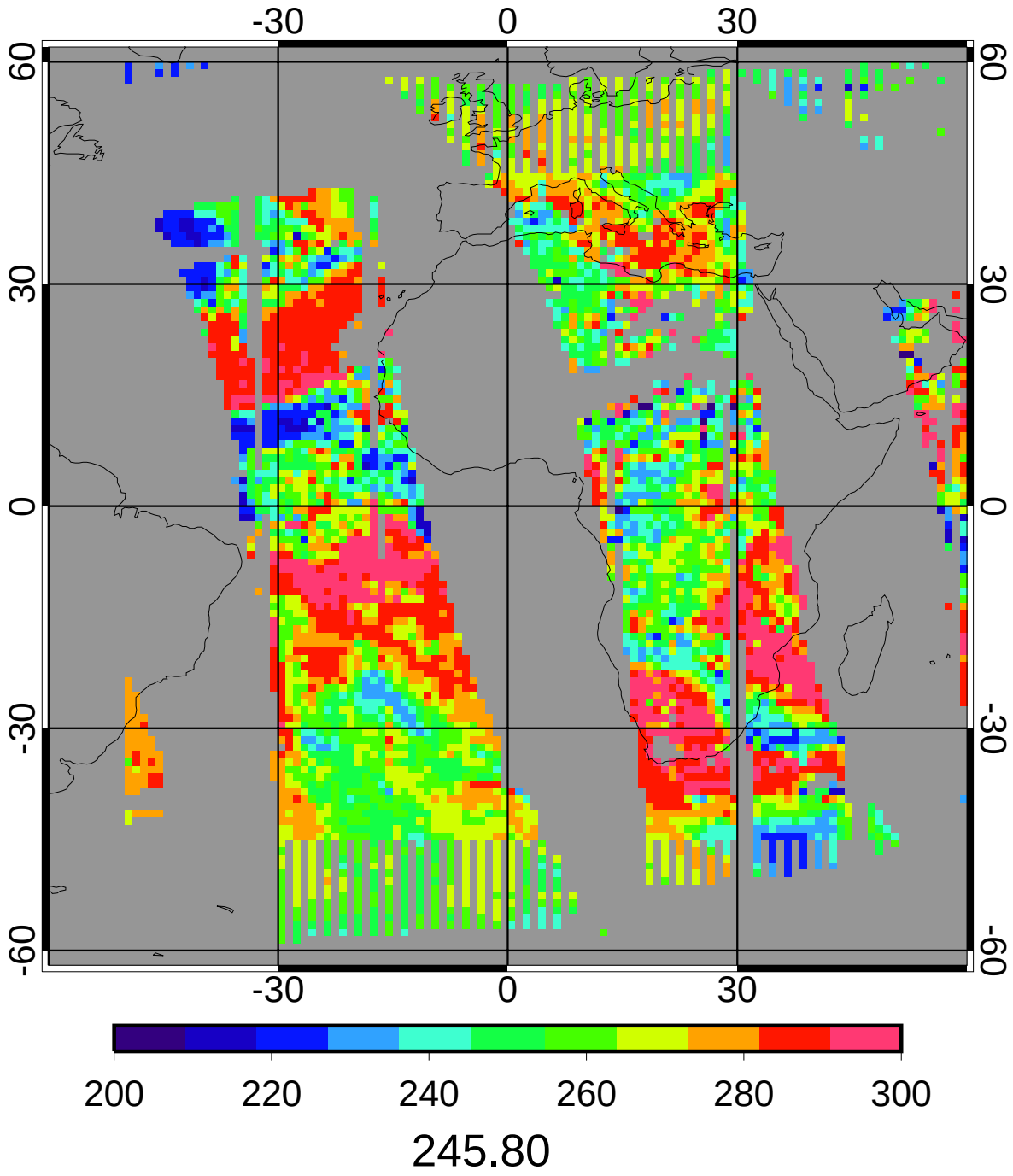
5ch_39cal Apr 2010



regave rms	0.44	52.51%
domain rms	0.58	69.28%

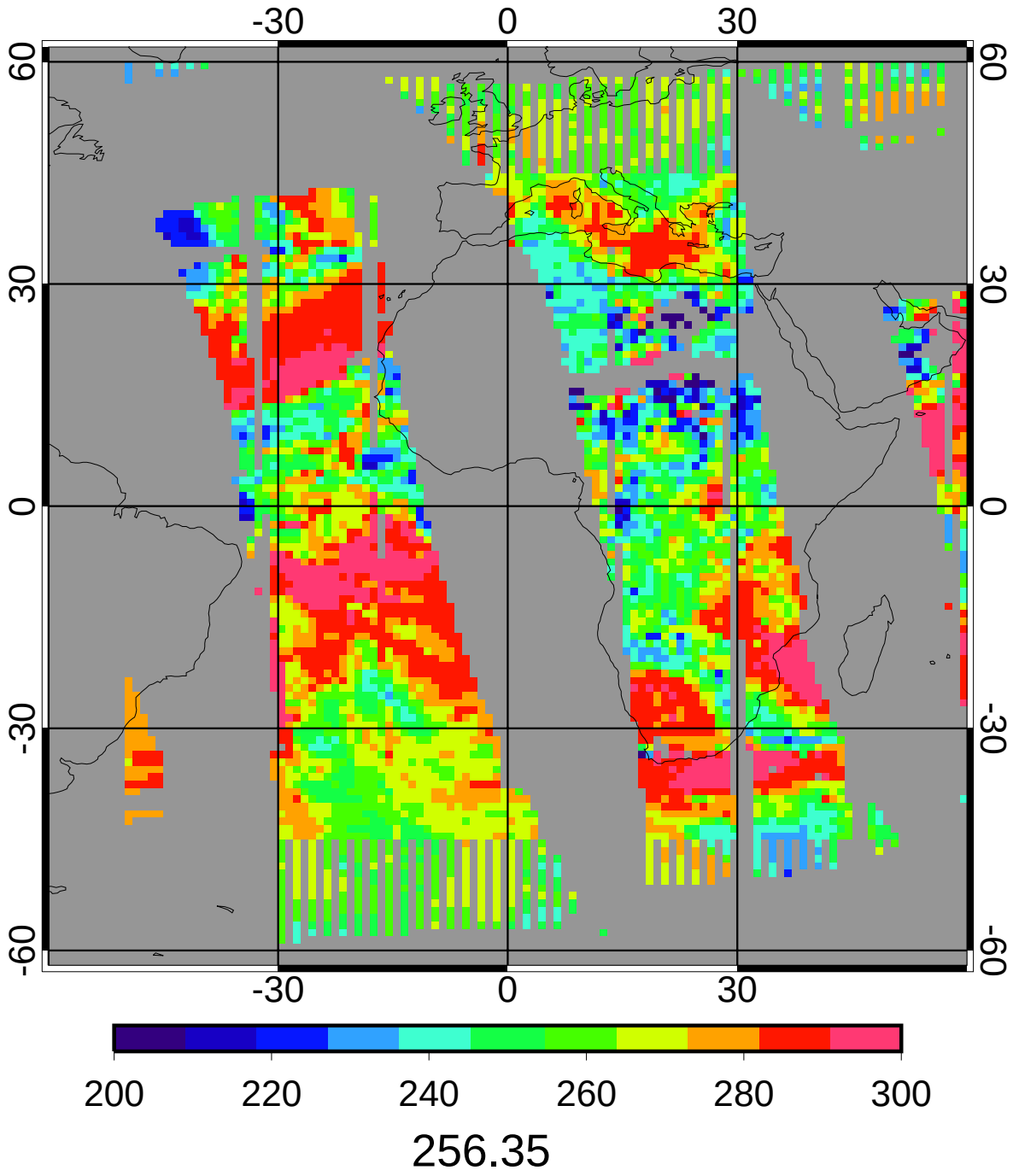
GGEO MEAN Daytime Cloud Temperature (K)

5ch_39cal Apr 2010



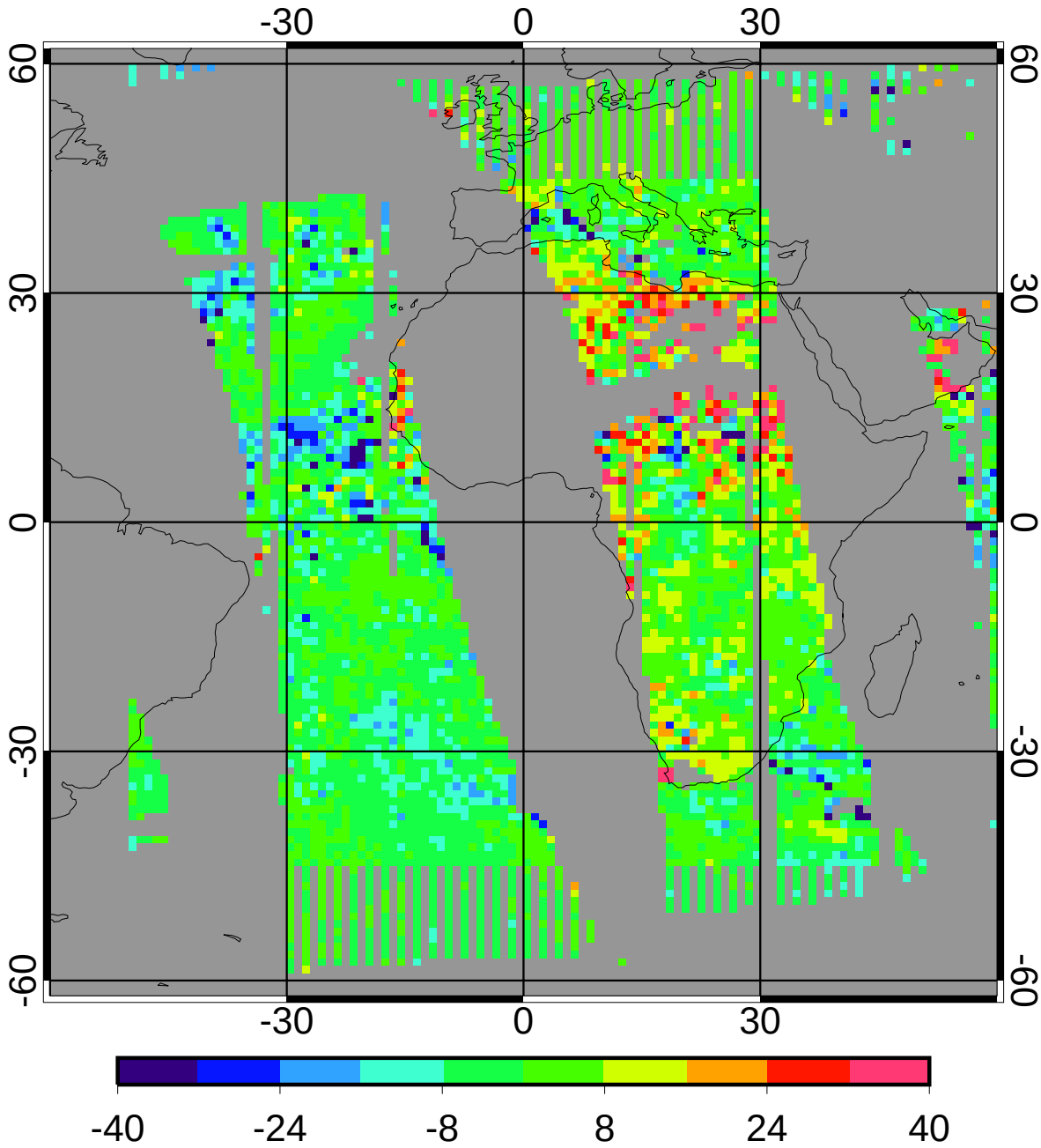
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch_39cal Apr 2010



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

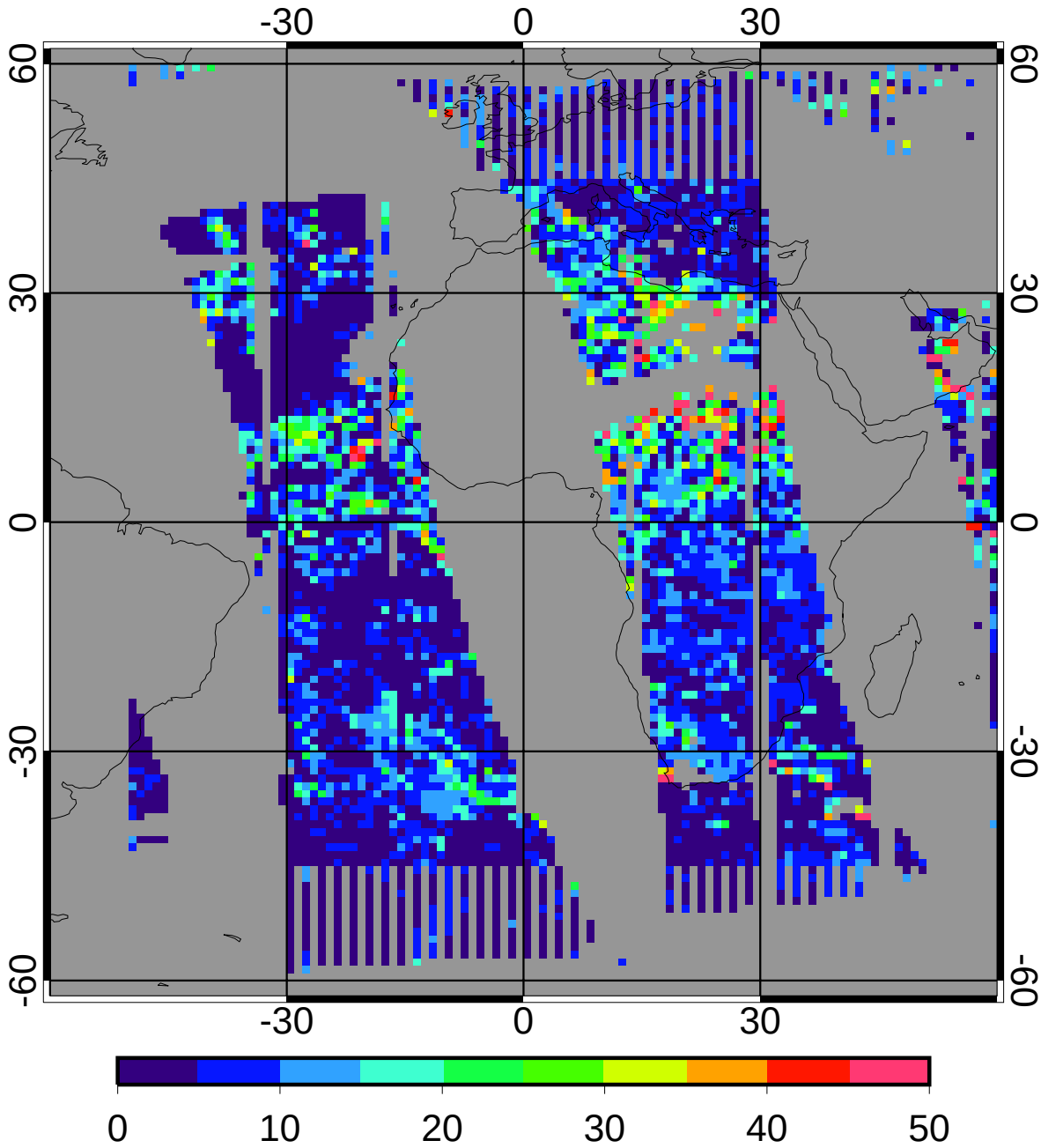
5ch_39cal Apr 2010



bias	-0.09	-0.03%
domain sigma	10.33	4.03%

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

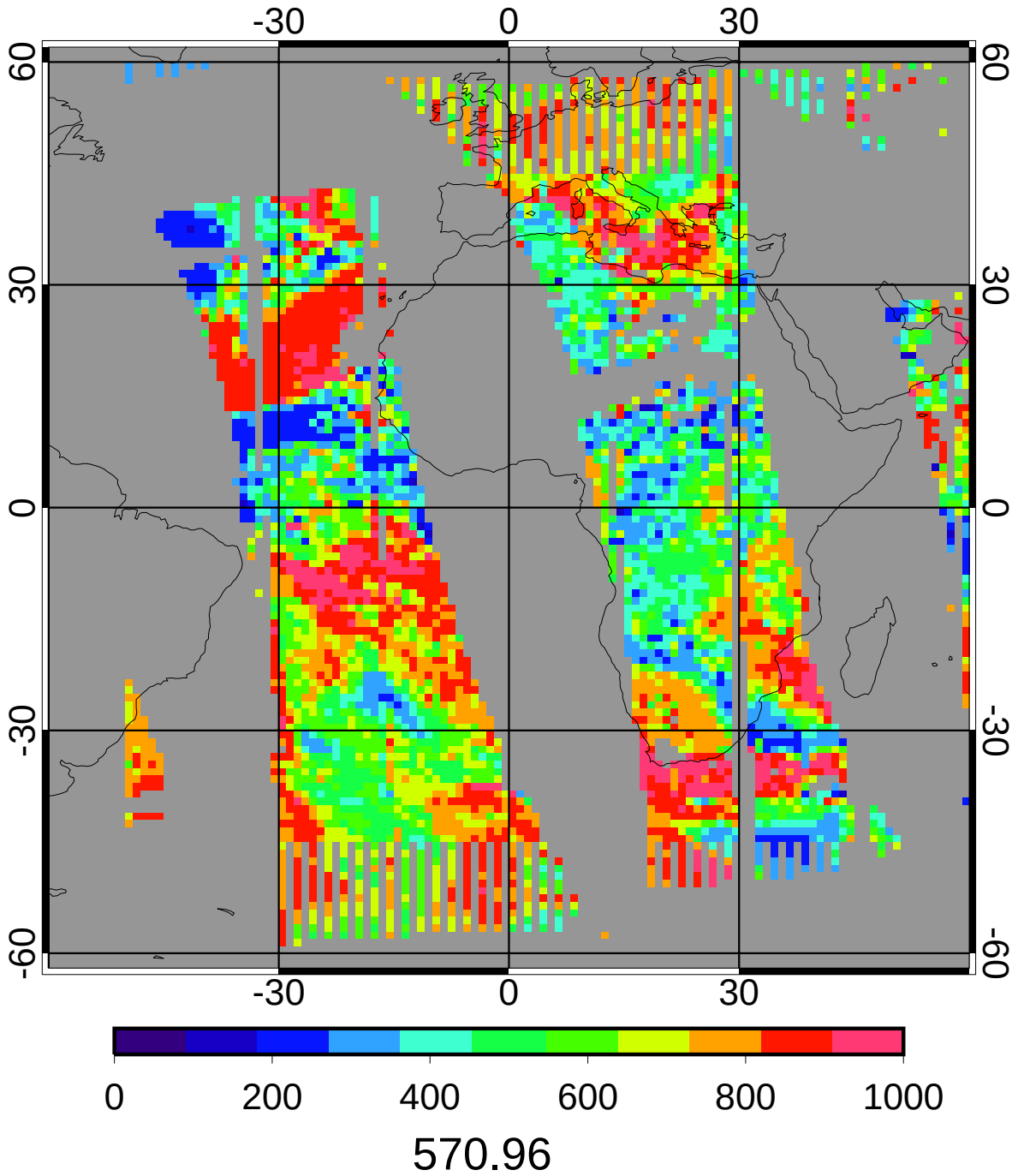
5ch_39cal Apr 2010



regave rms	7.61	2.97%
domain rms	10.85	4.23%

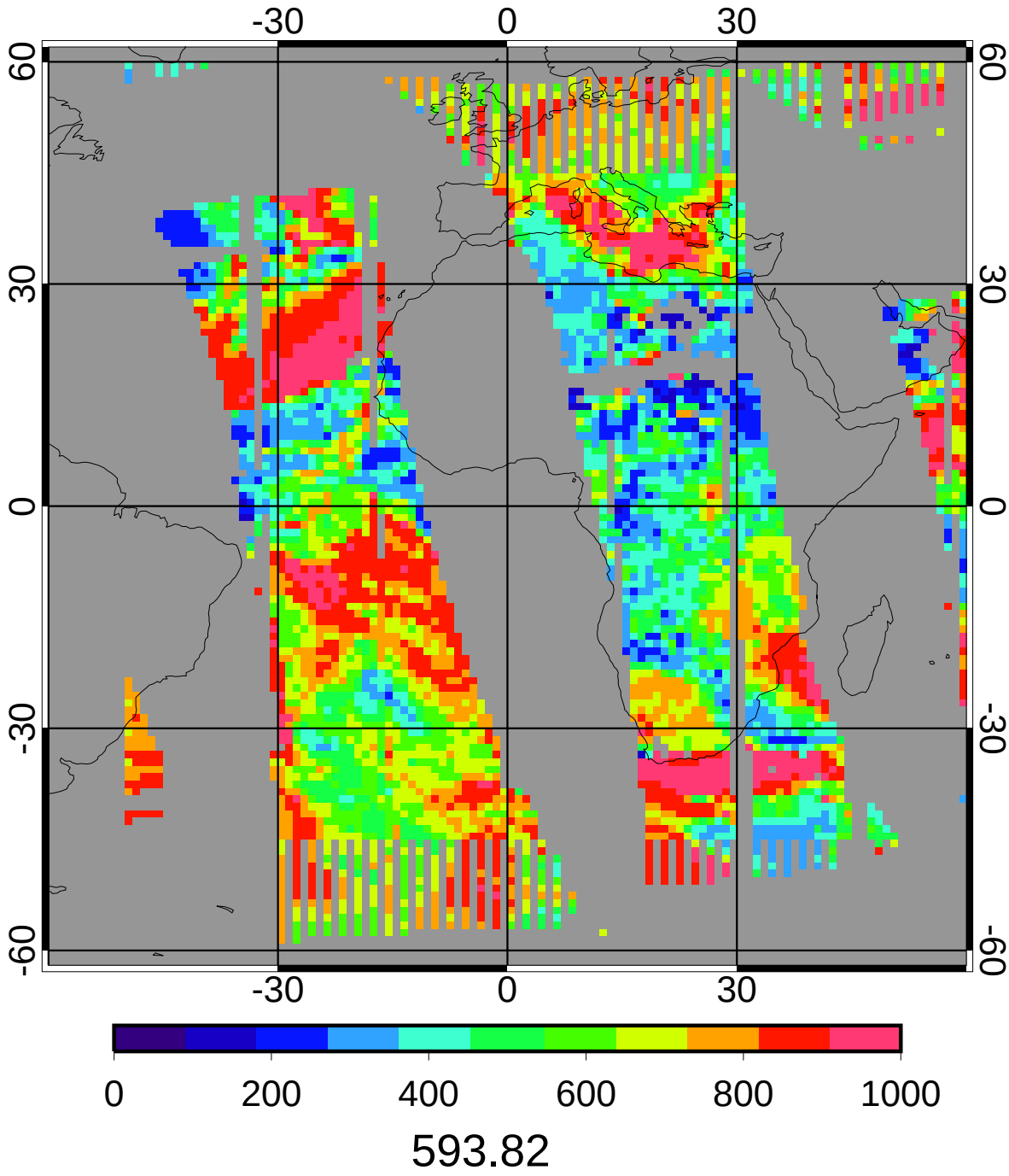
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



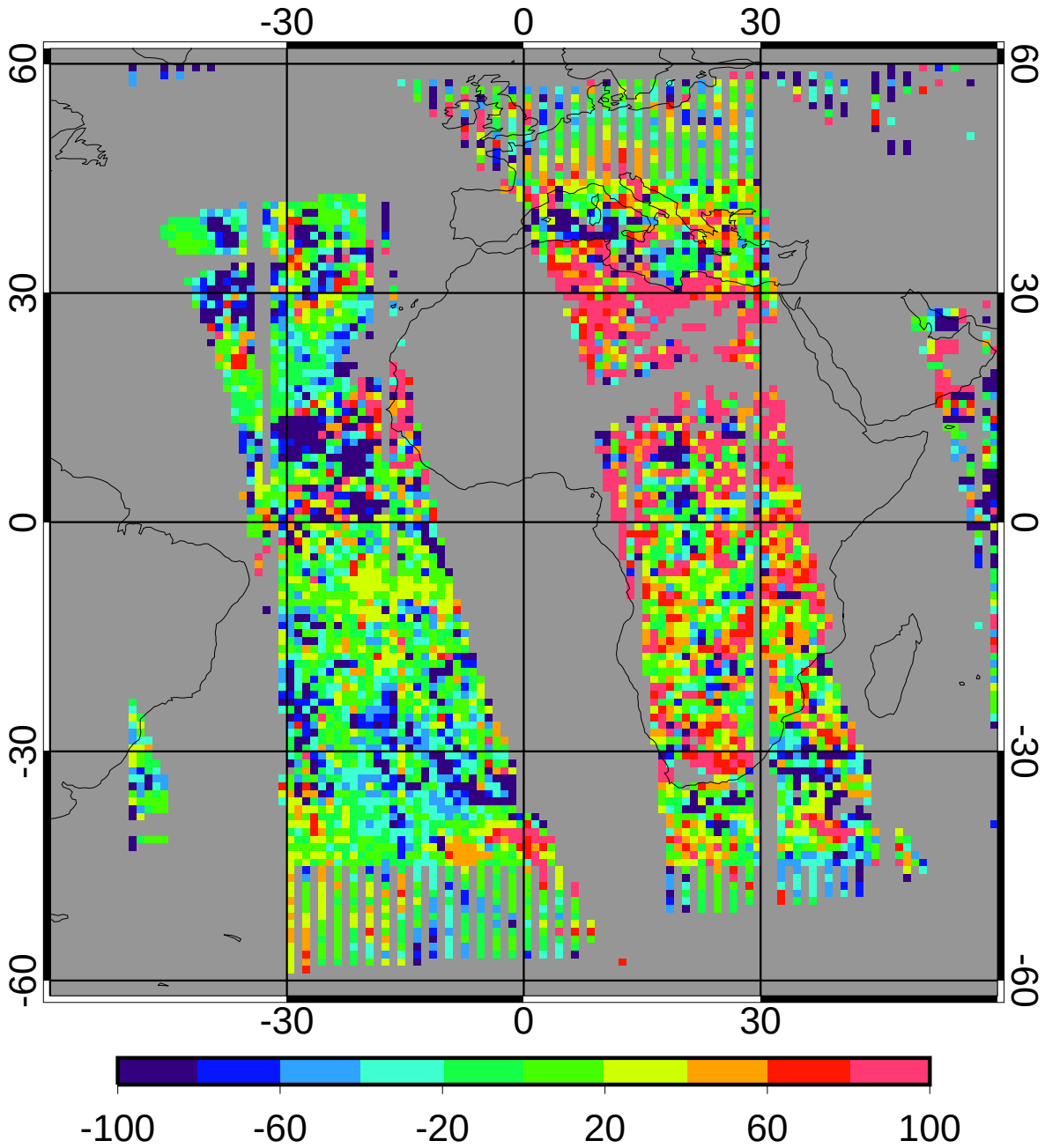
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



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

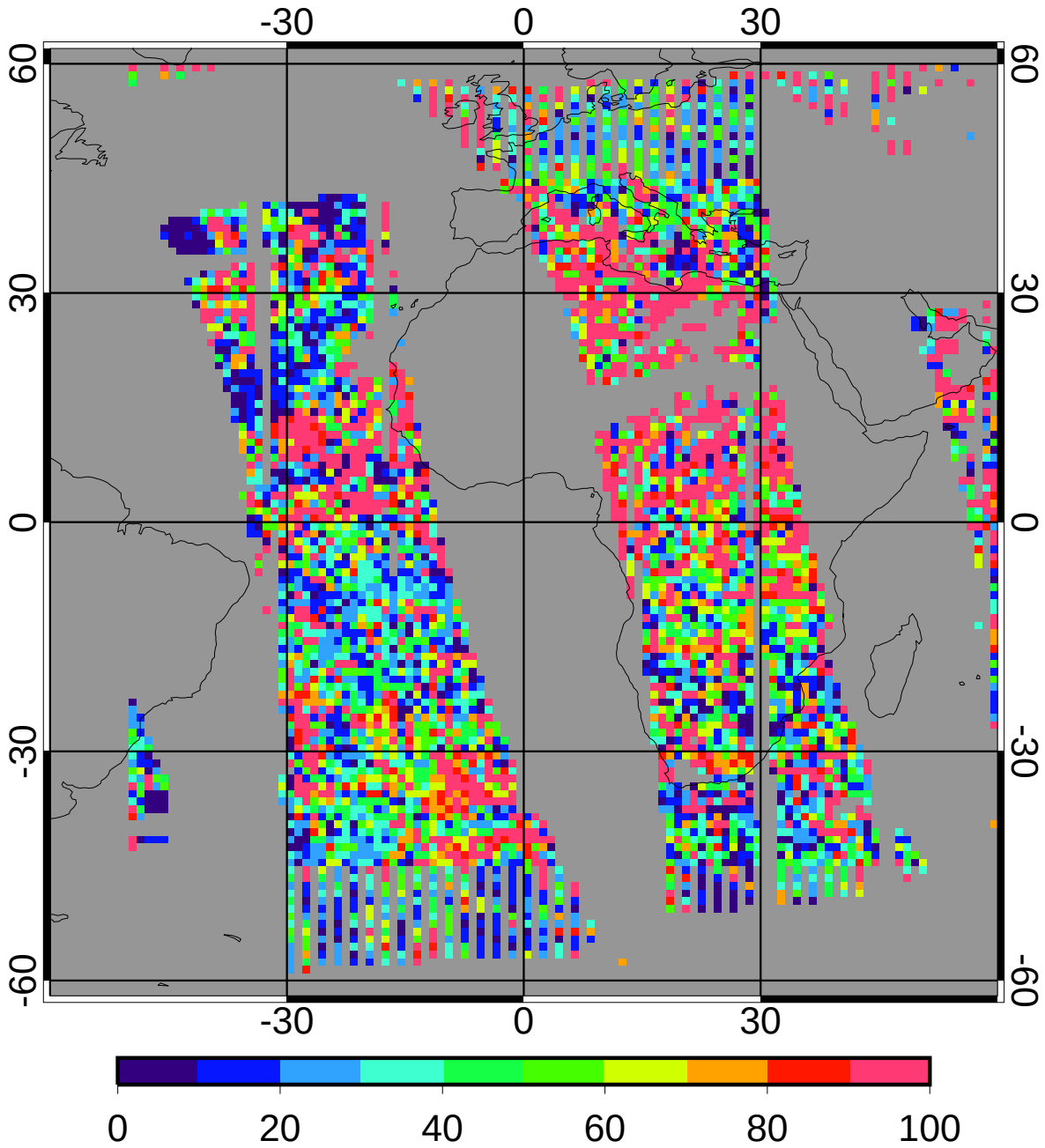
5ch_39cal Apr 2010



bias	2.18	0.37%
domain sigma	86.26	14.53%

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

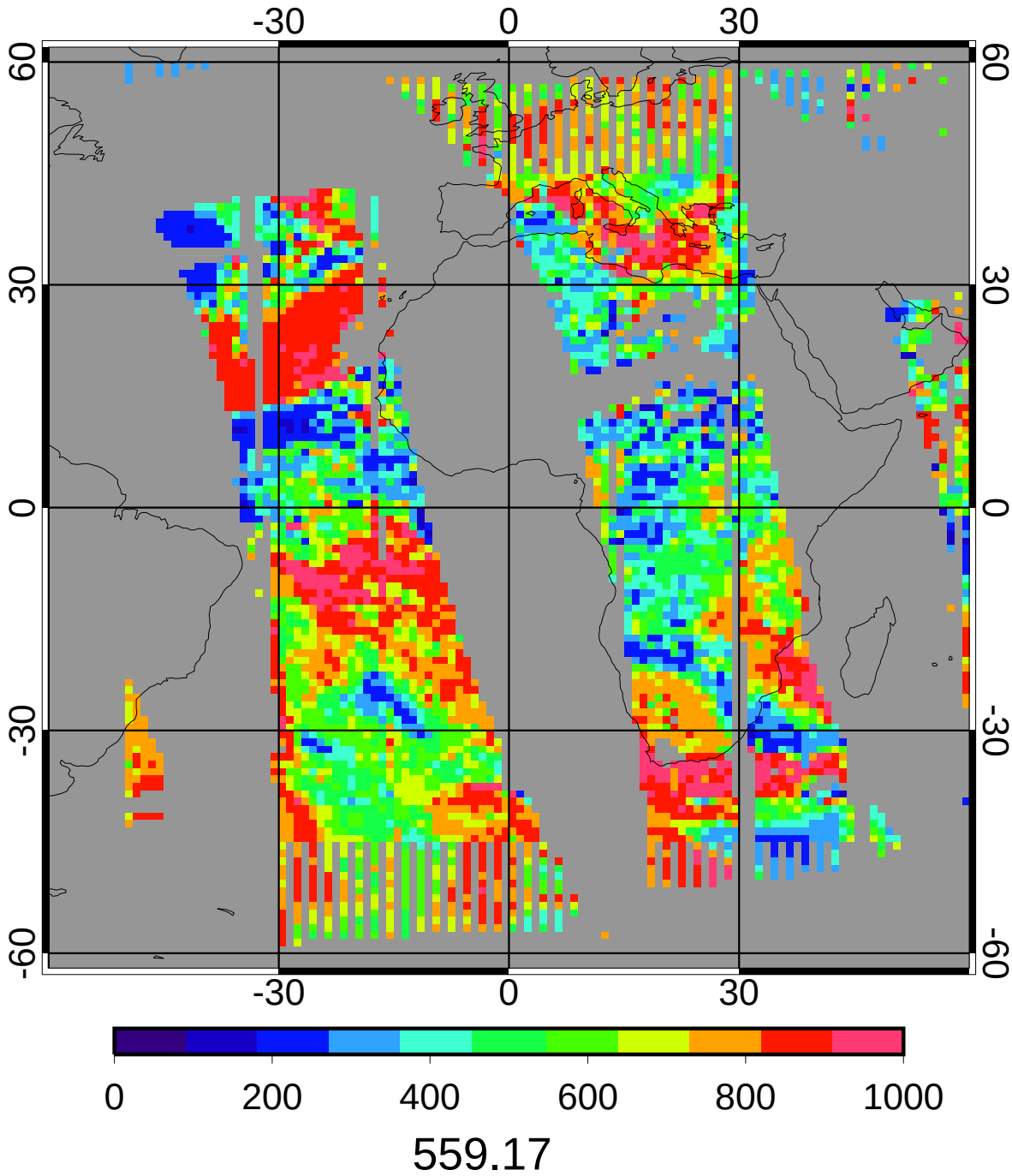
5ch_39cal Apr 2010



regave rms	66.37	11.18%
domain rms	92.45	15.57%

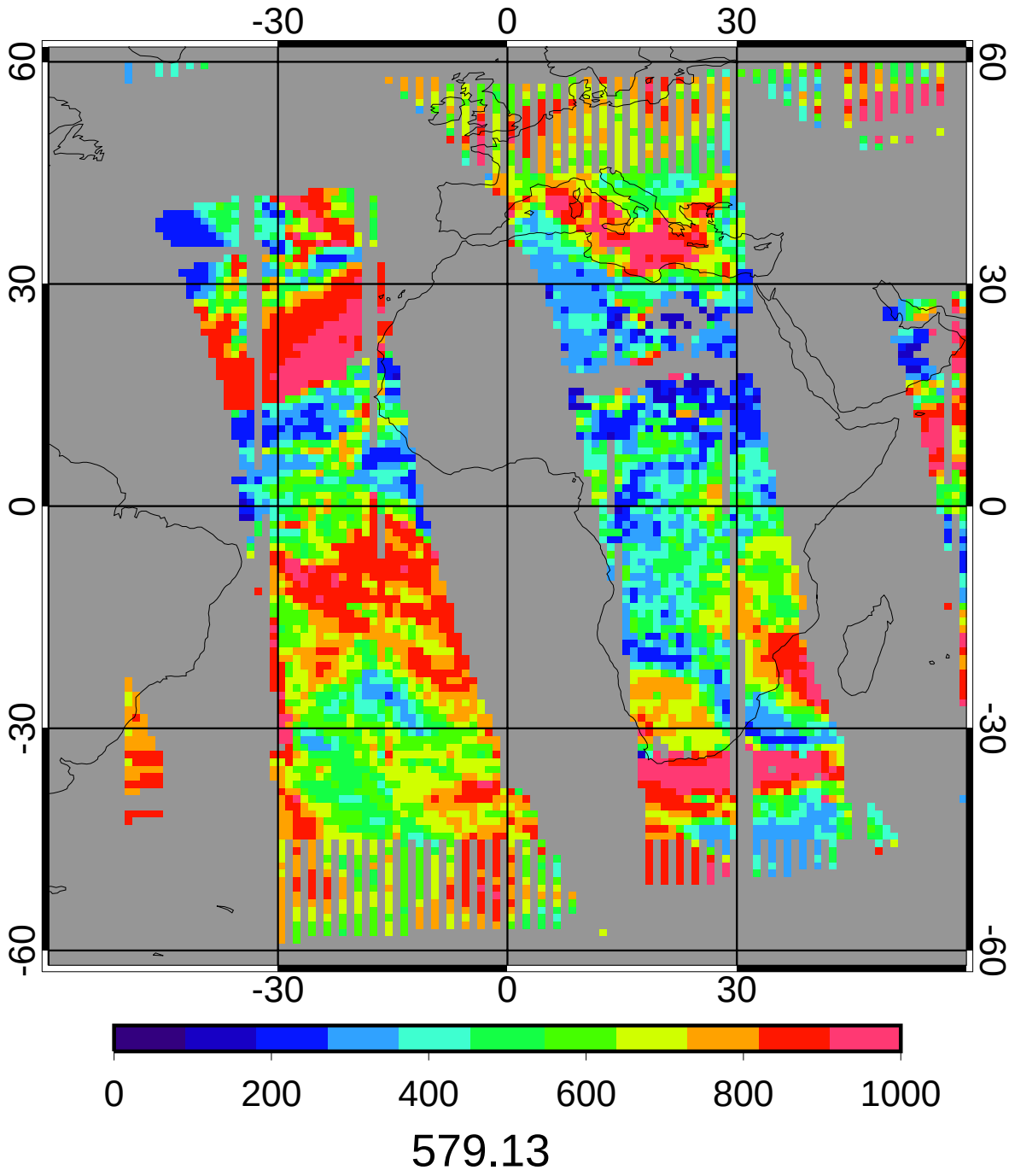
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



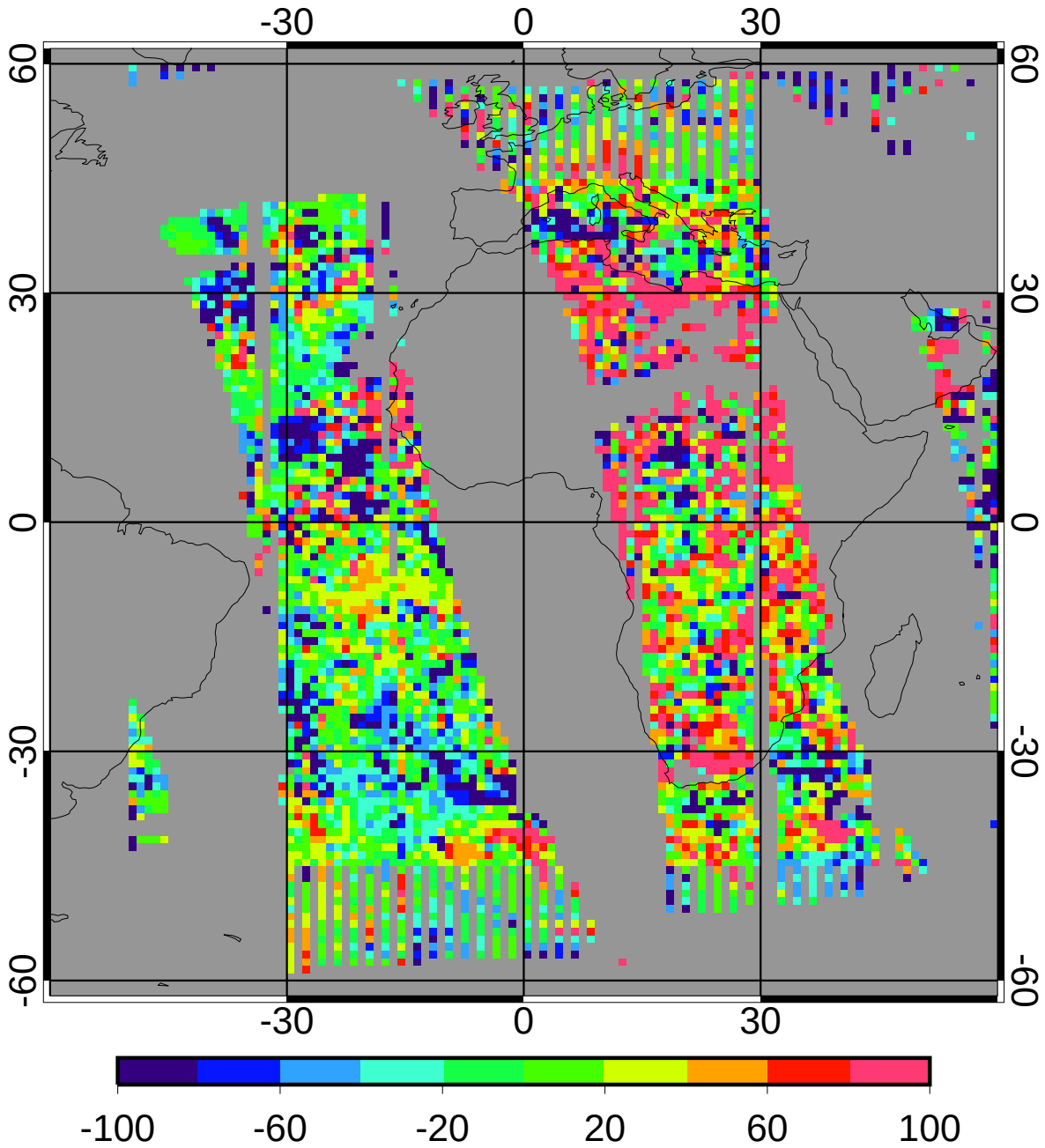
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



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

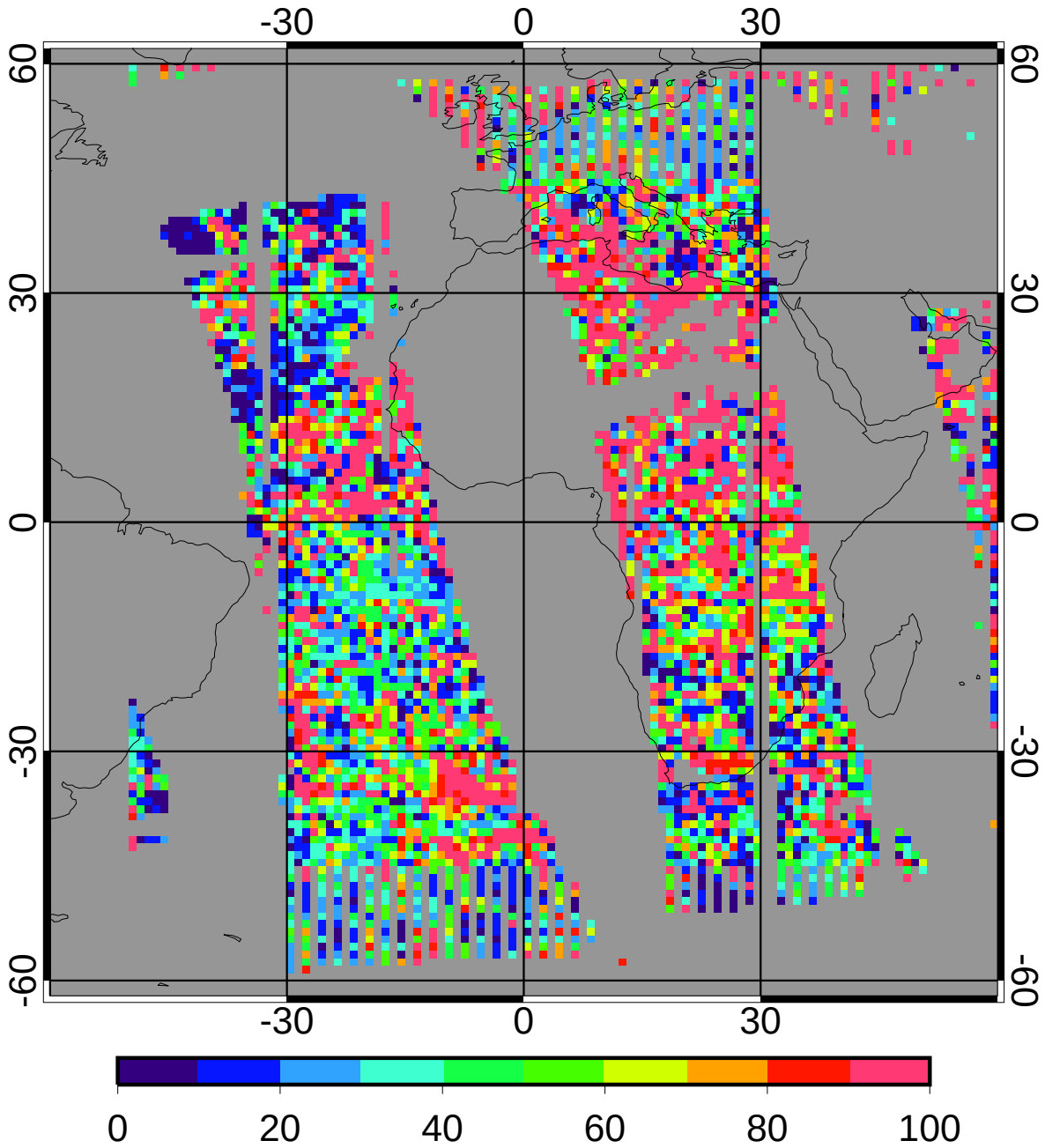
5ch_39cal Apr 2010



bias	4.59	0.79%
domain sigma	88.46	15.27%

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

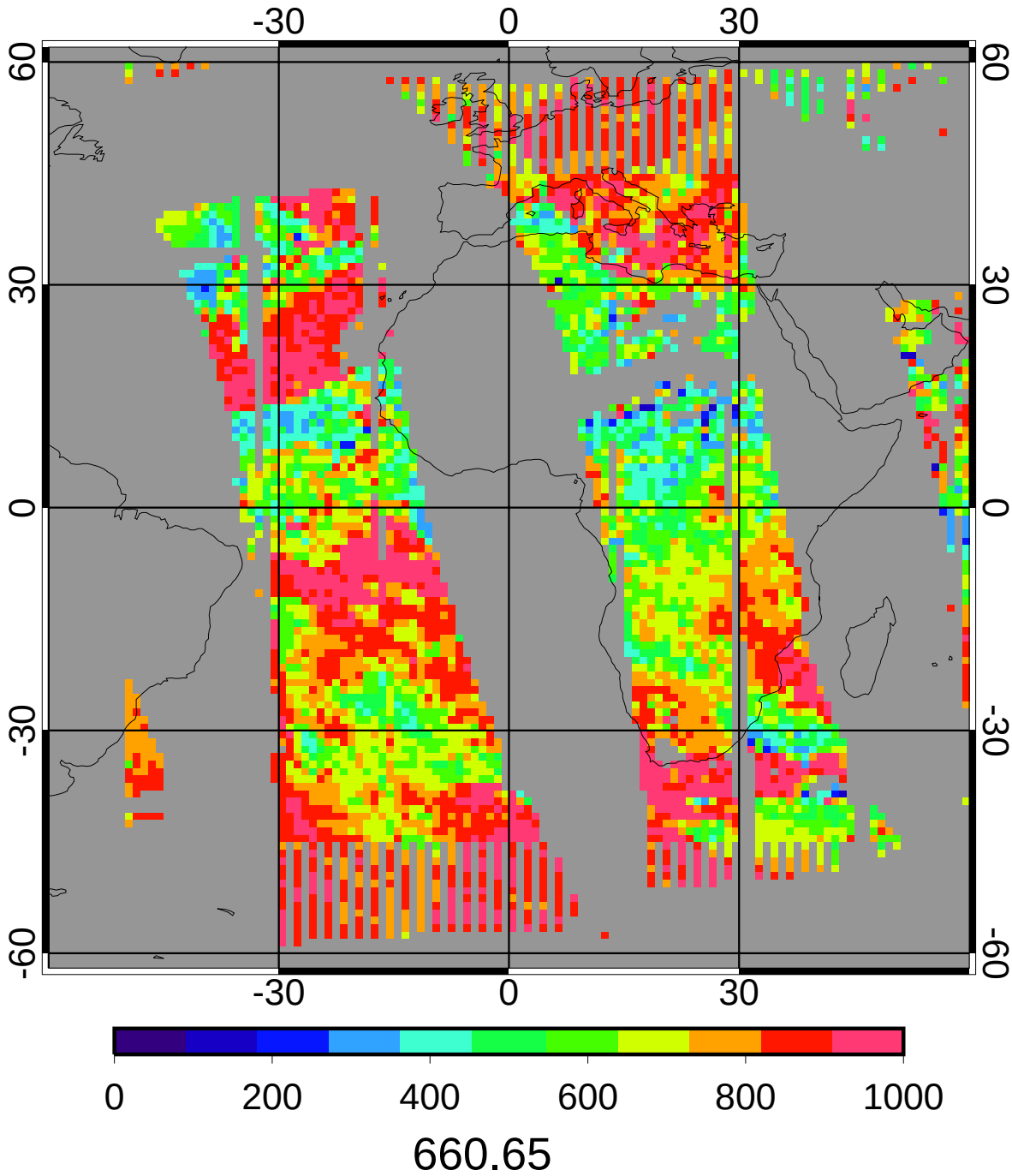
5ch_39cal Apr 2010



regave rms	68.91	11.90%
domain rms	95.74	16.53%

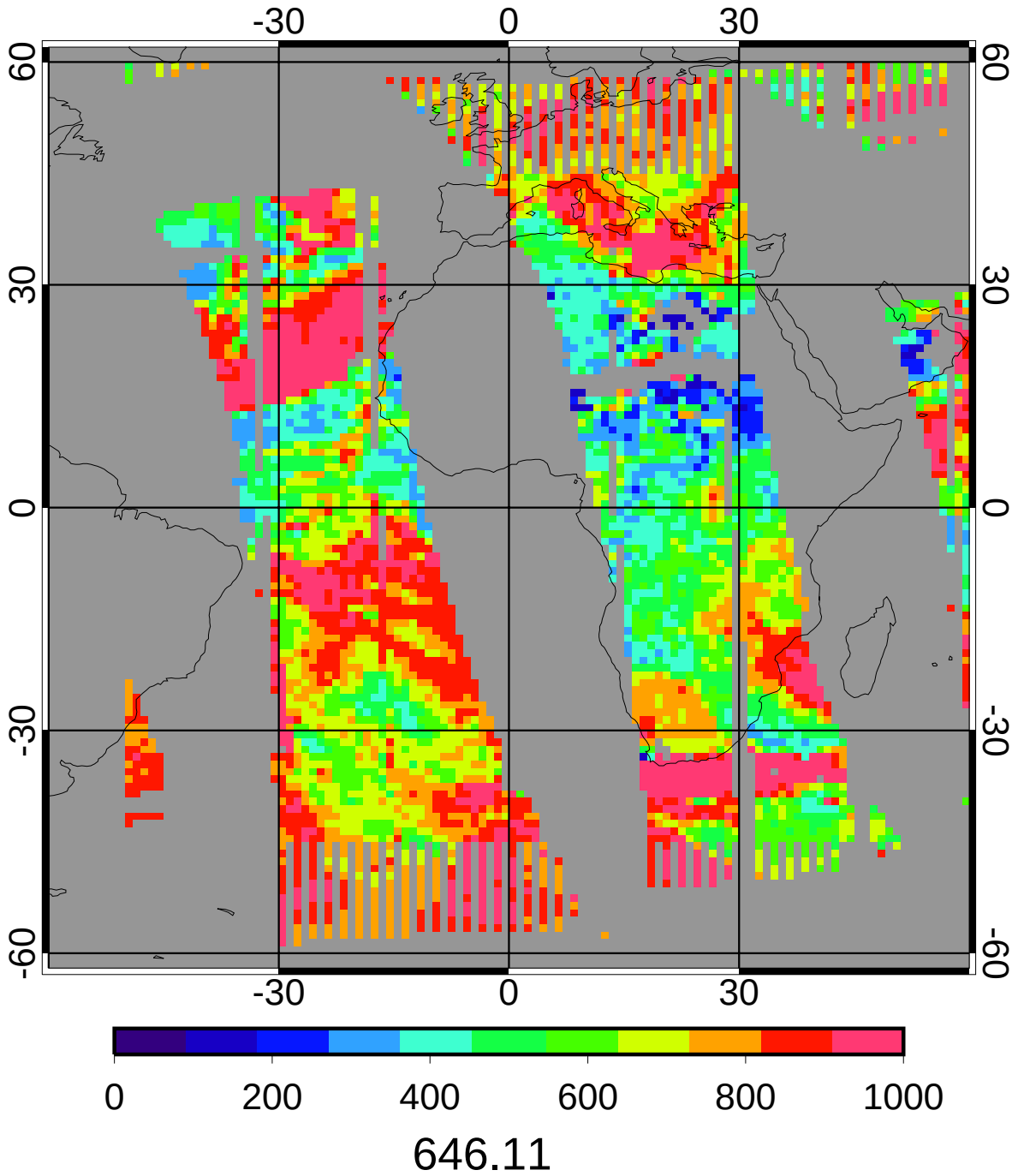
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



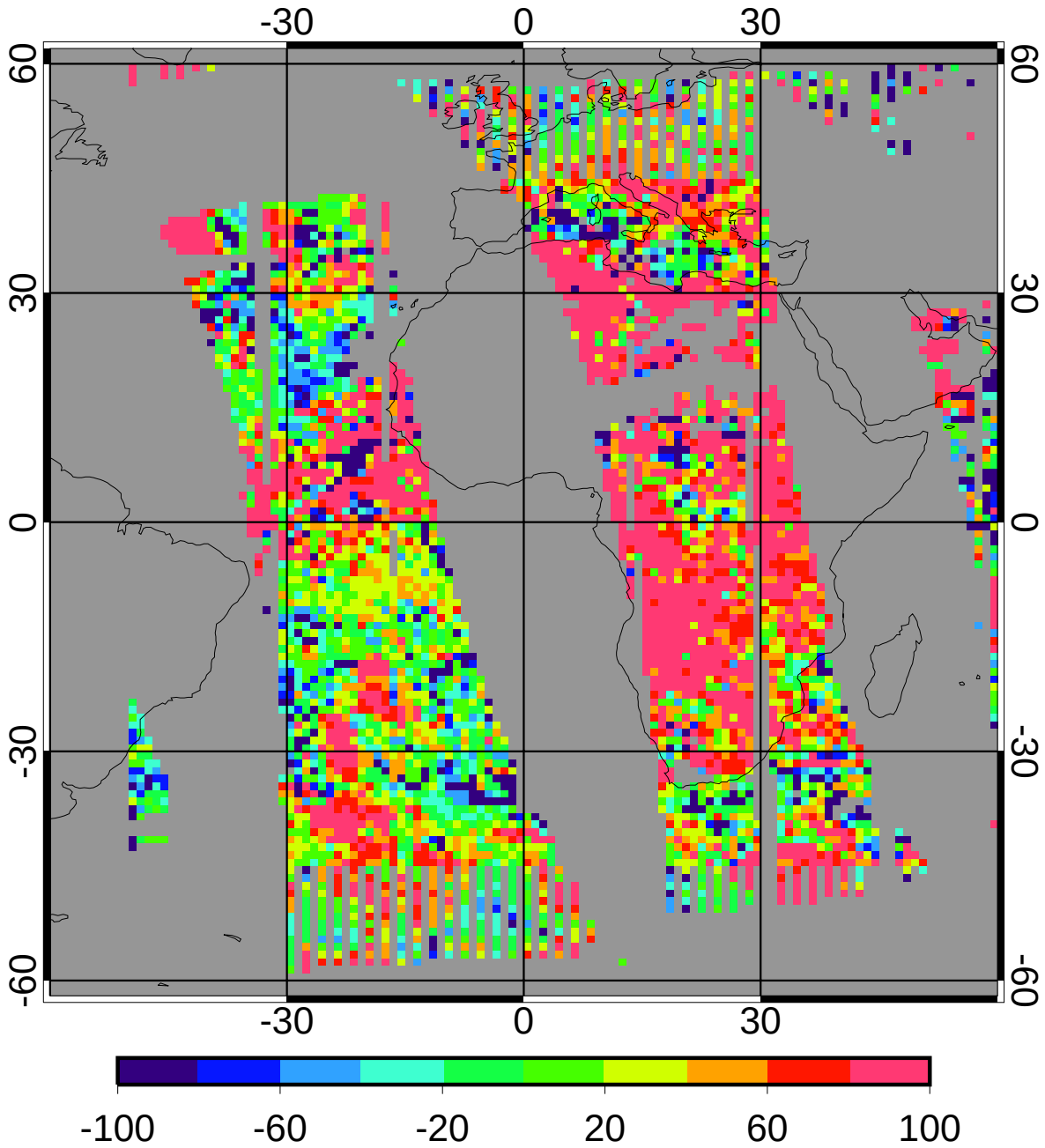
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



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

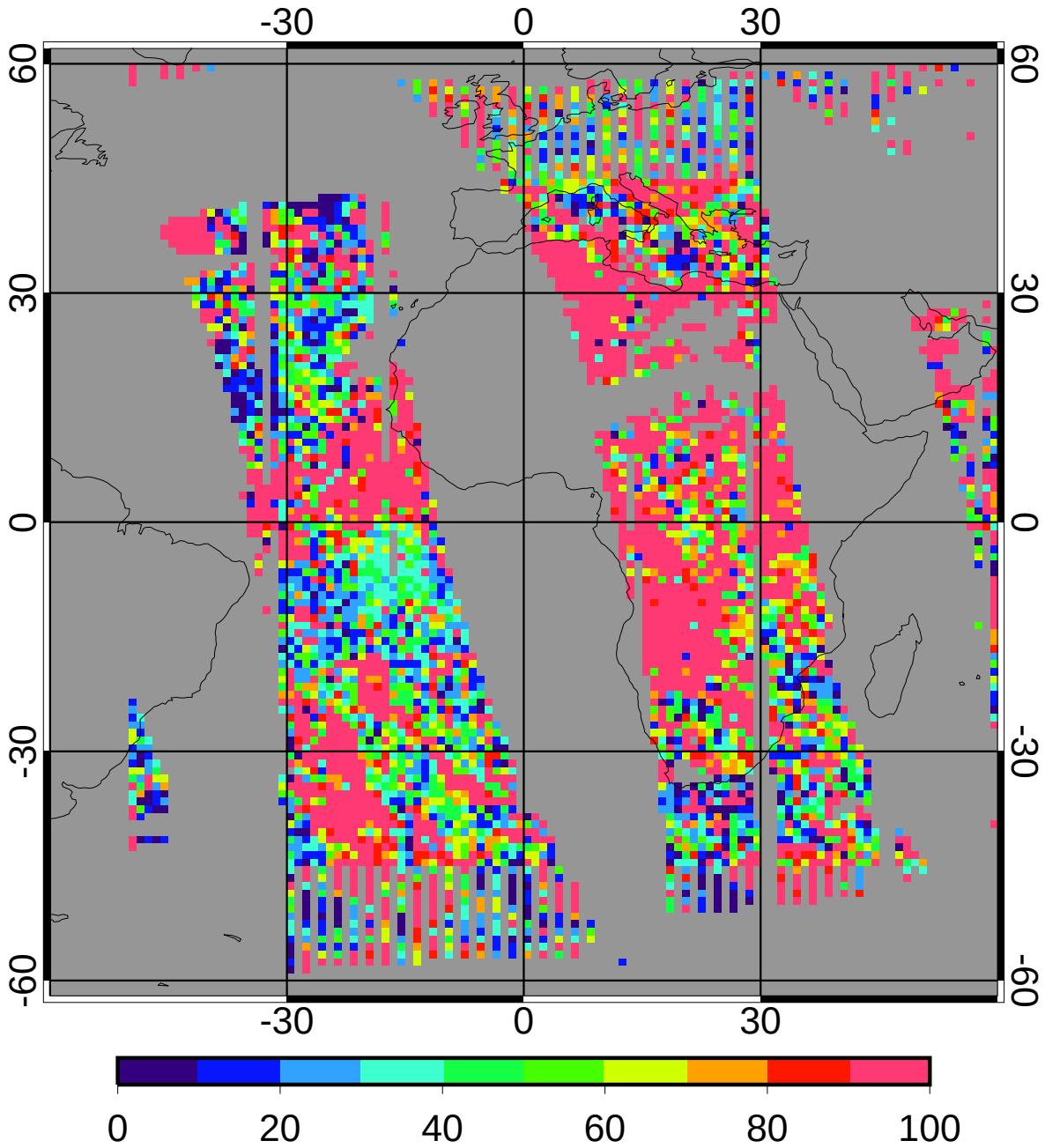
5ch_39cal Apr 2010



bias	39.98	6.19%
domain sigma	96.89	15.00%

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

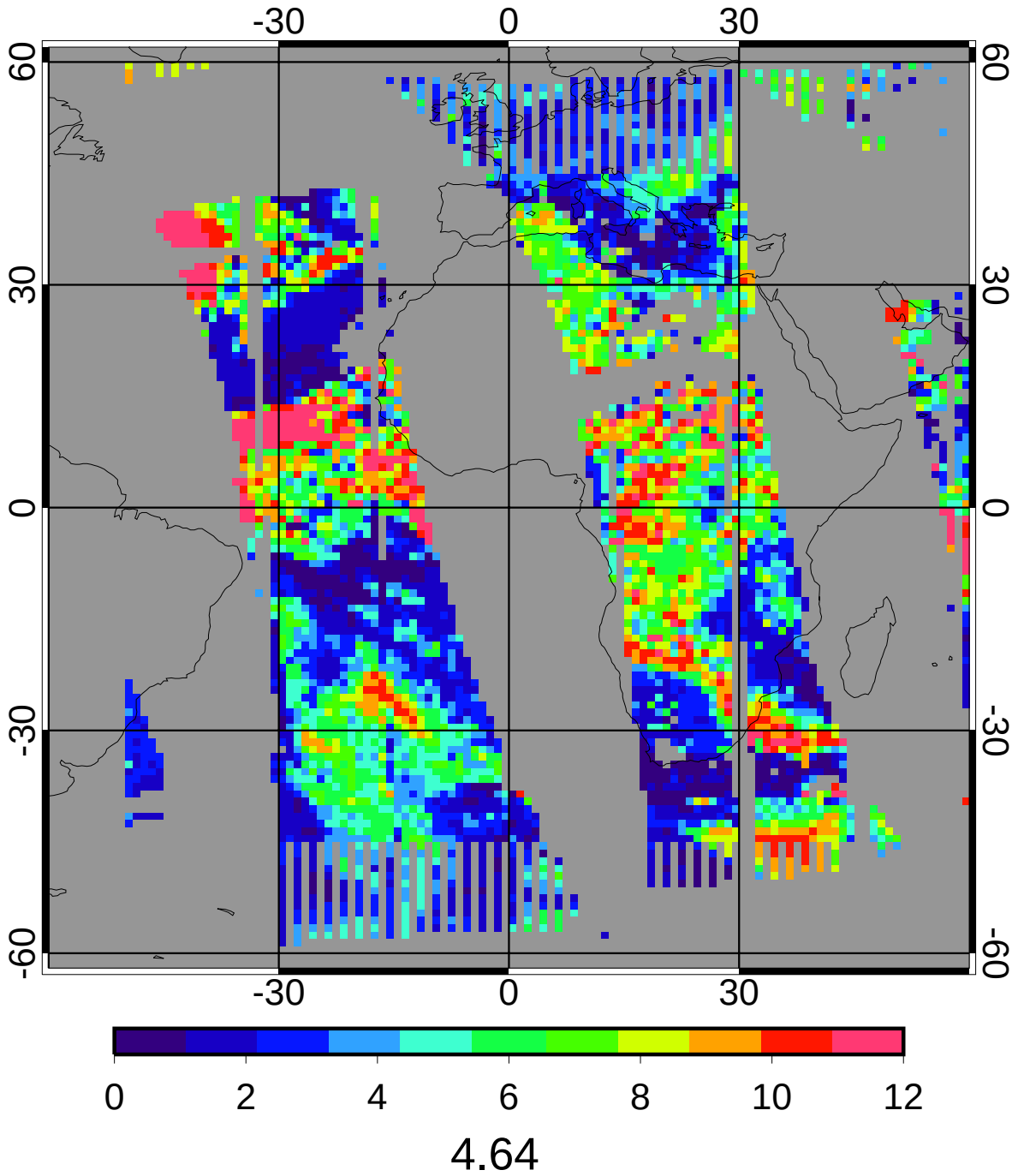
5ch_39cal Apr 2010



regave rms	86.79	13.43%
domain rms	112.34	17.39%

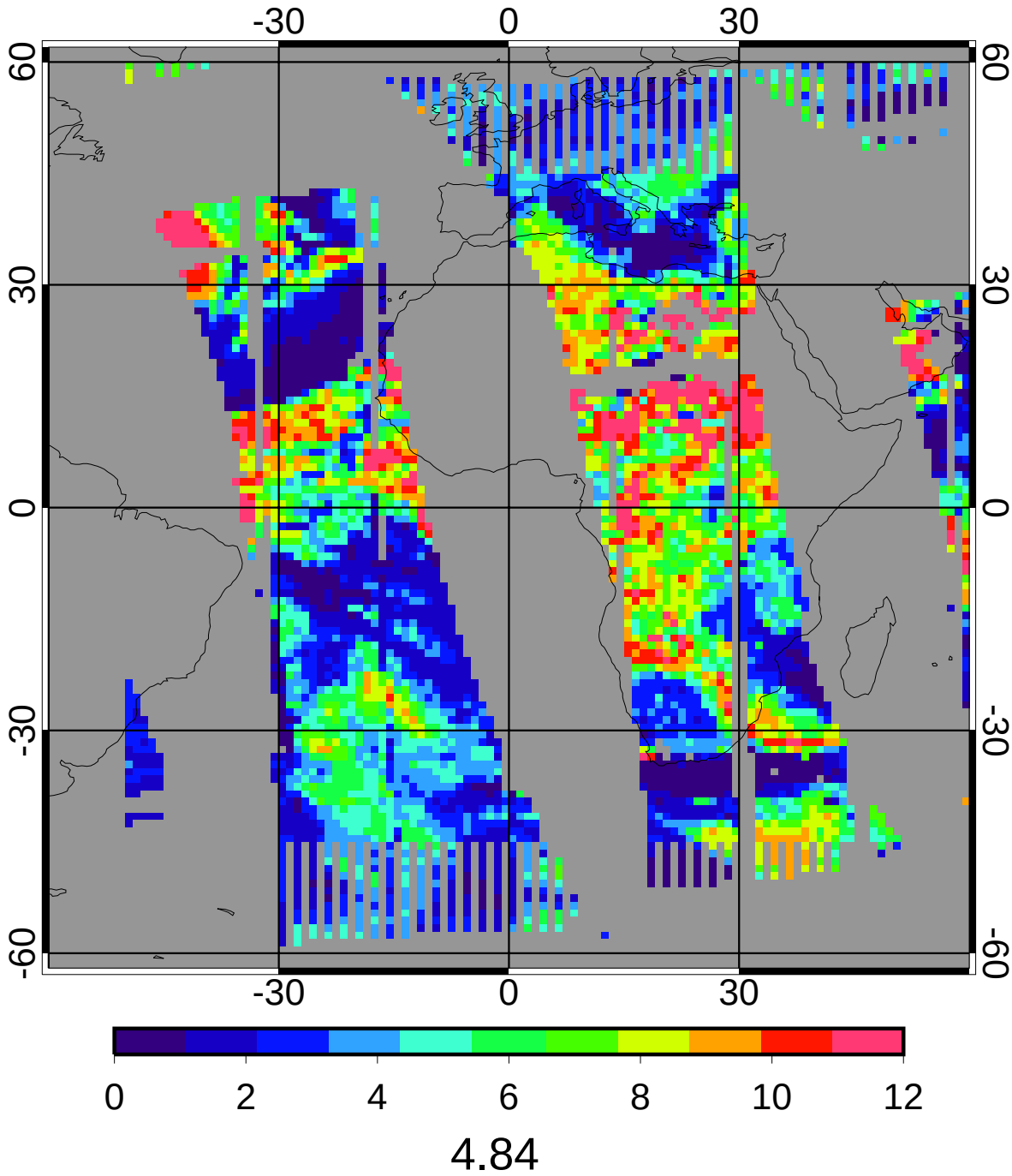
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_39cal Apr 2010



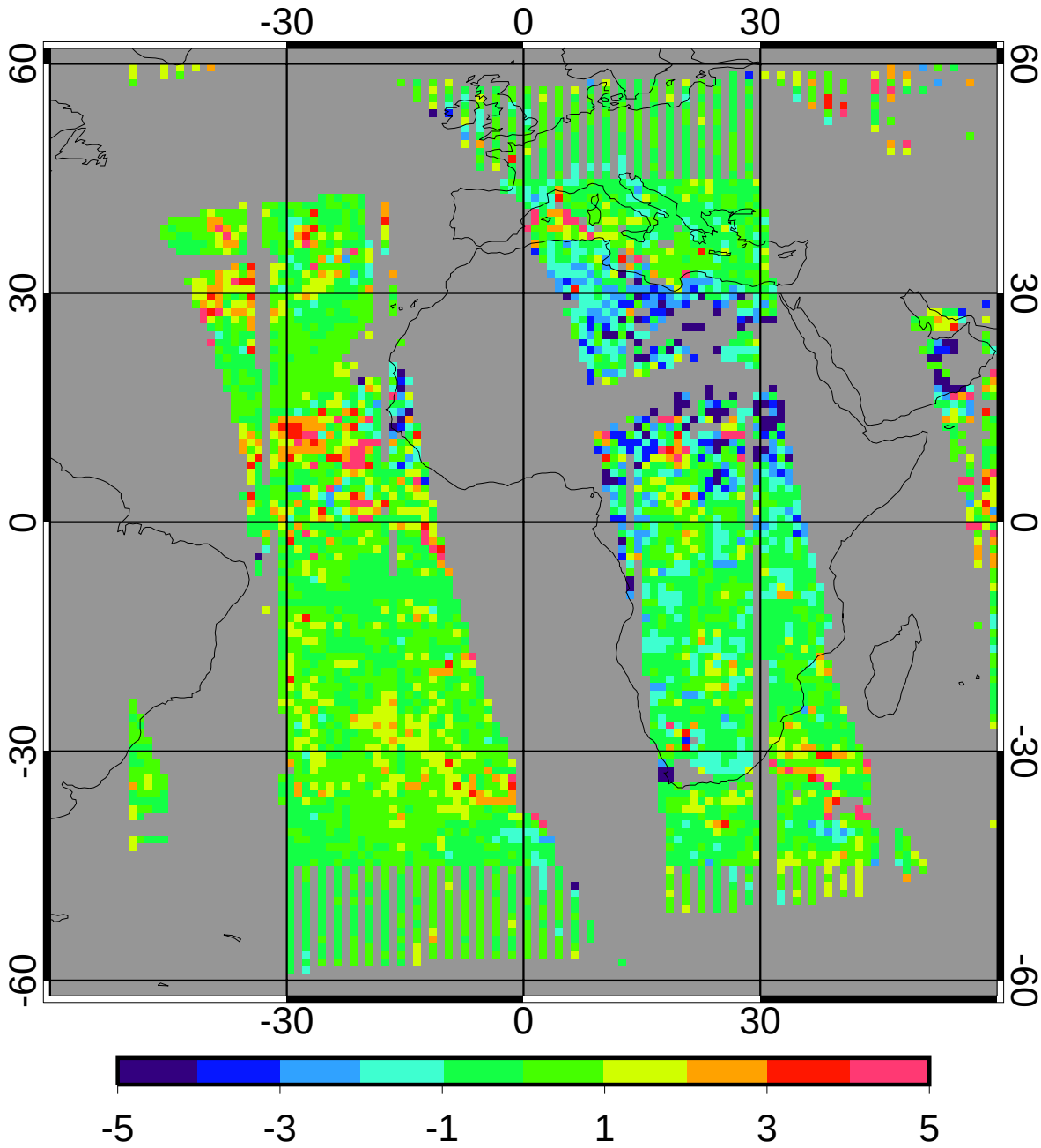
CERES/Aqua MEAN Daytime Cloud Eff Height (km)

5ch_39cal Apr 2010



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

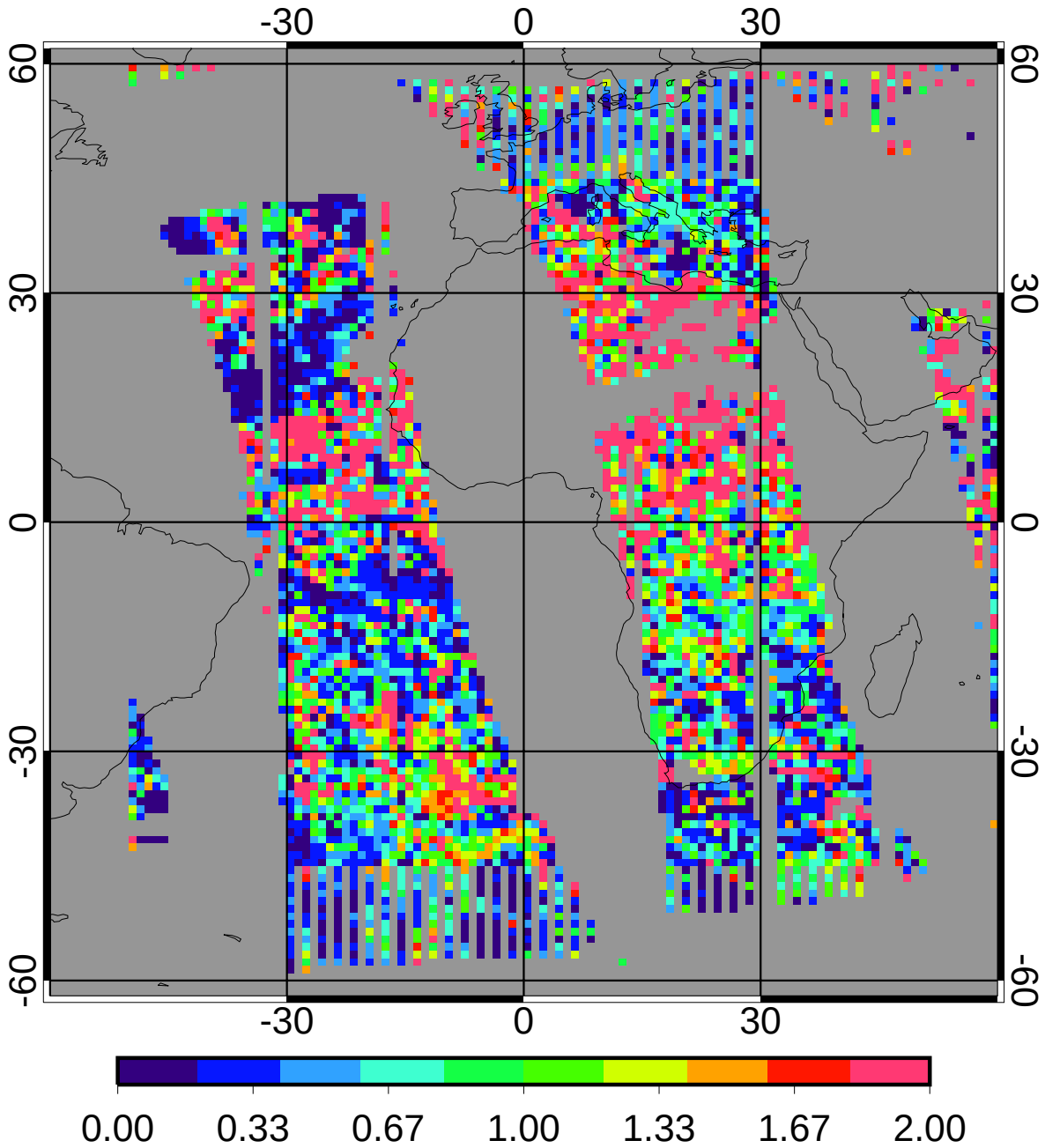
5ch_39cal Apr 2010



bias	0.01	0.23%
domain sigma	1.49	30.84%

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

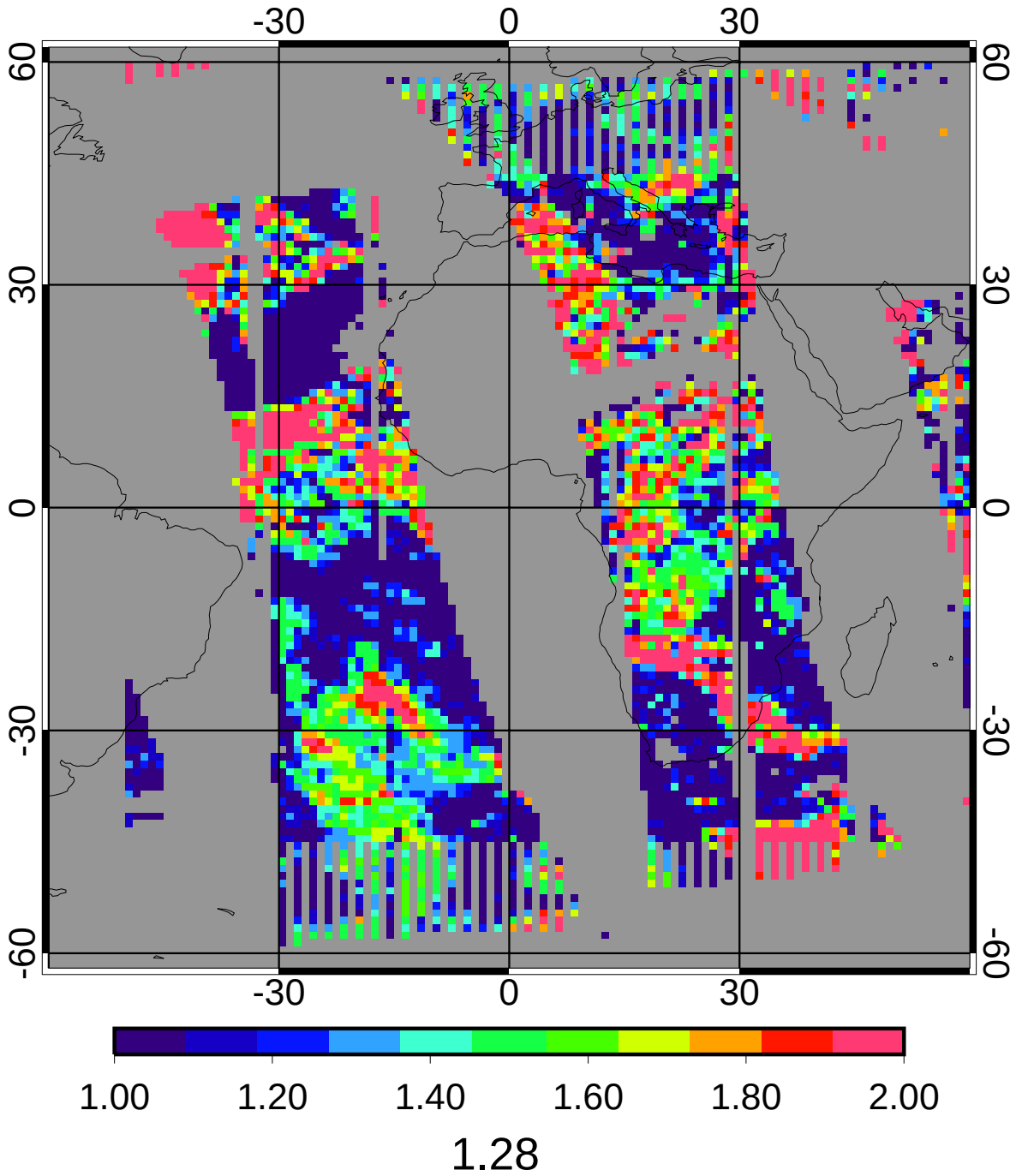
5ch_39cal Apr 2010



regave rms	1.10	22.78%
domain rms	1.57	32.42%

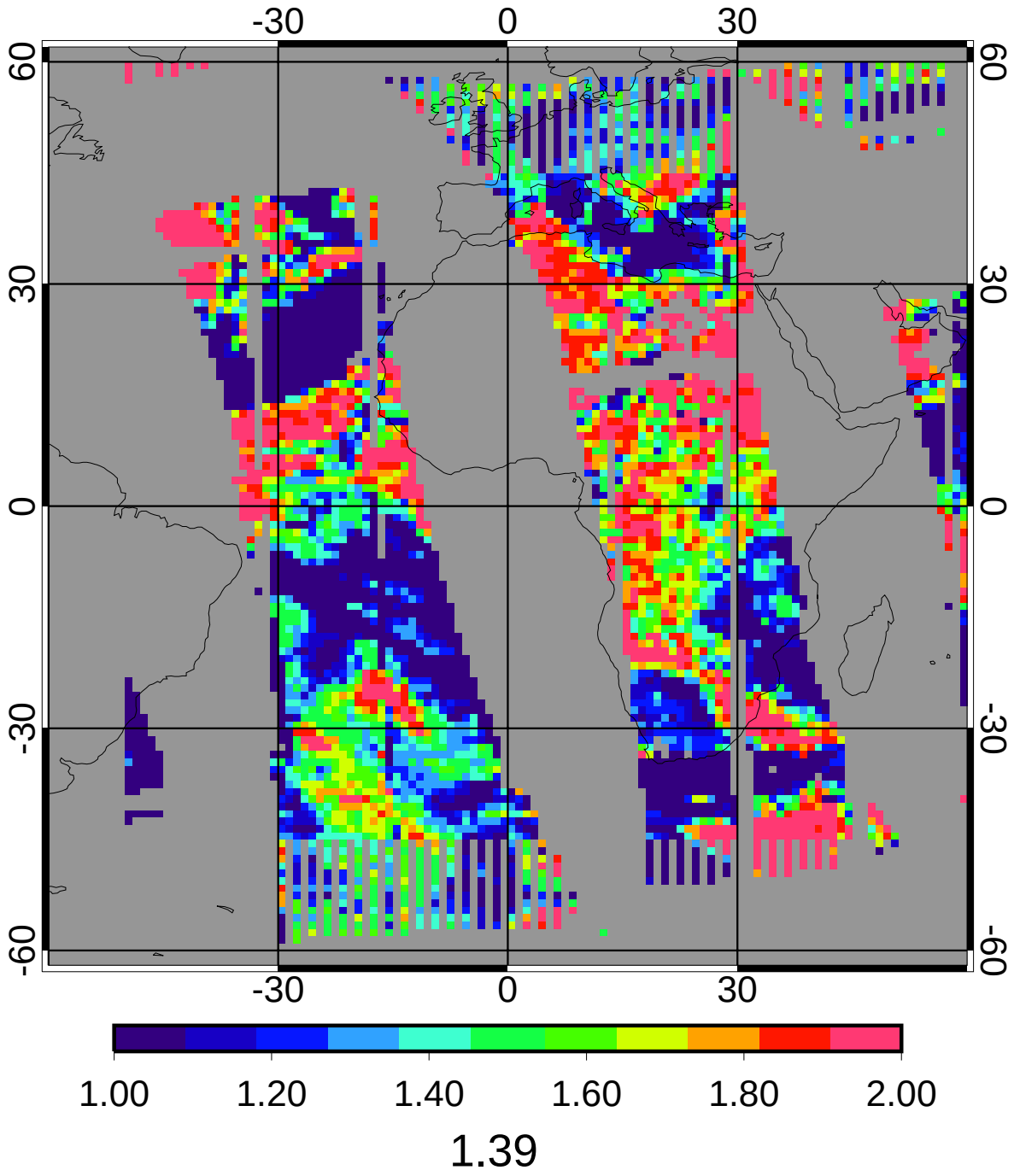
GGEO MEAN Daytime Cloud Phase

5ch_39cal Apr 2010



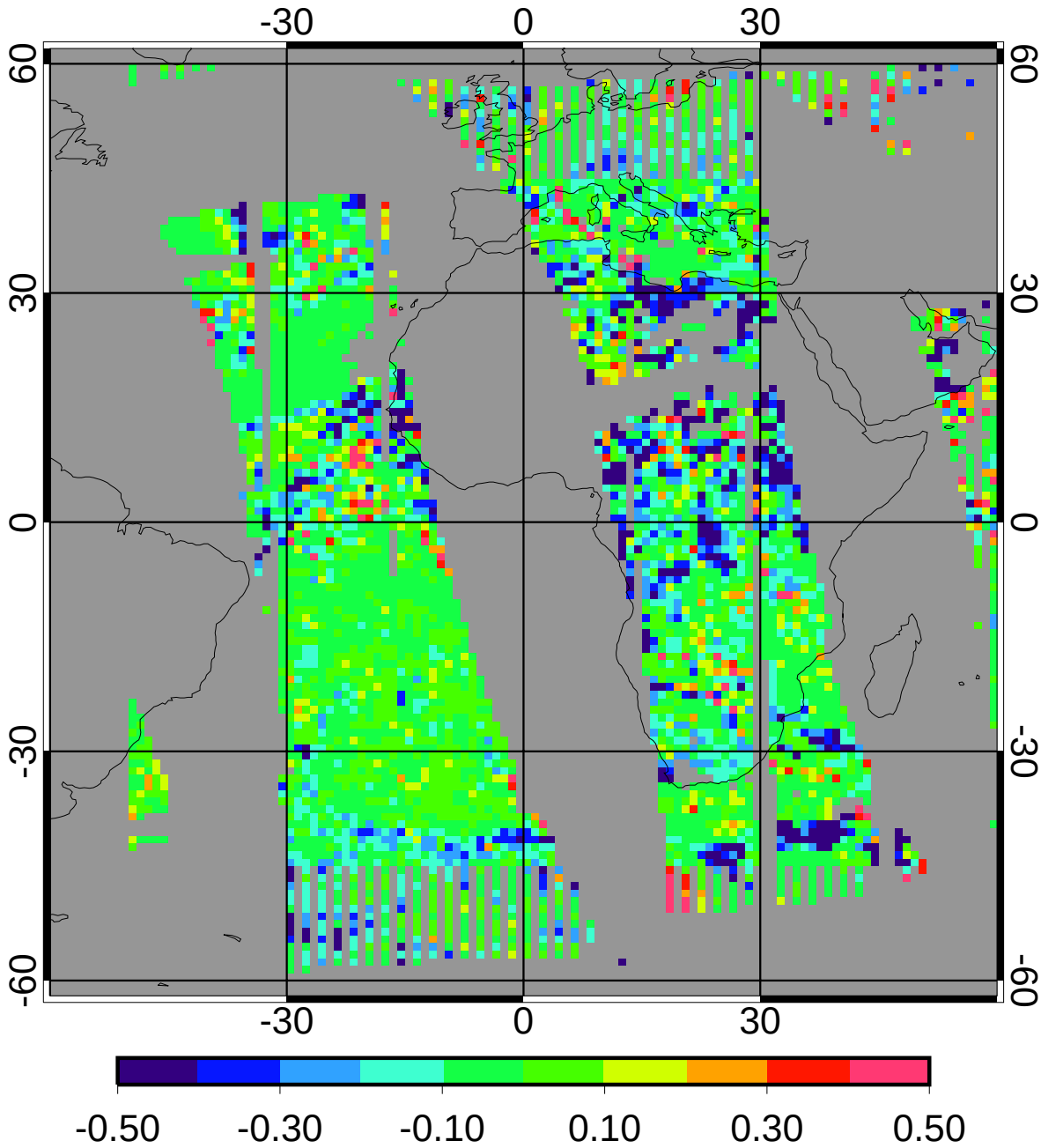
CERES/Aqua MEAN Daytime Cloud Phase

5ch_39cal Apr 2010



GGEO - CERES/Aqua Daytime Cloud Phase Bias

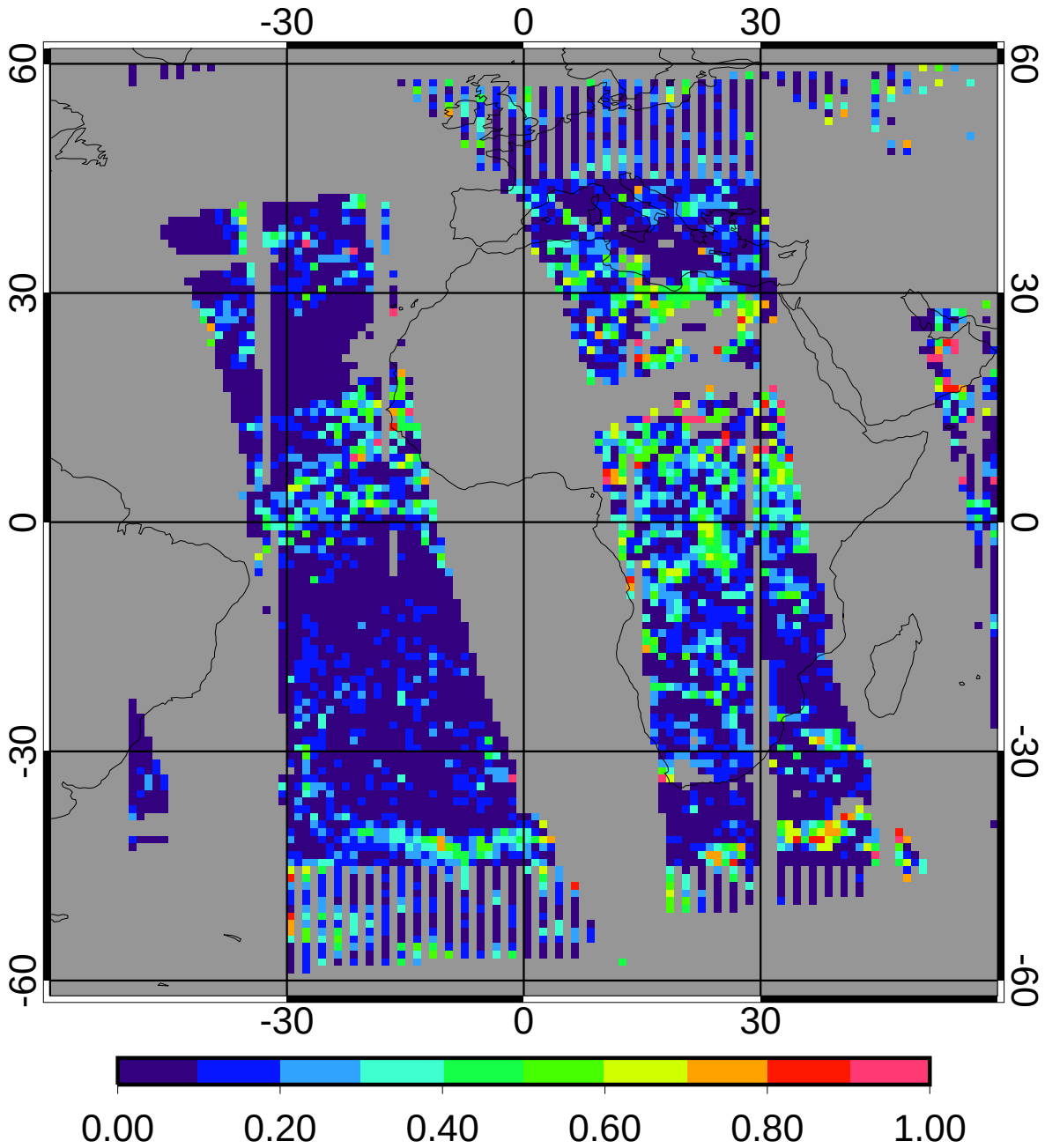
5ch_39cal Apr 2010



bias	-0.06	-4.35%
domain sigma	0.18	13.11%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

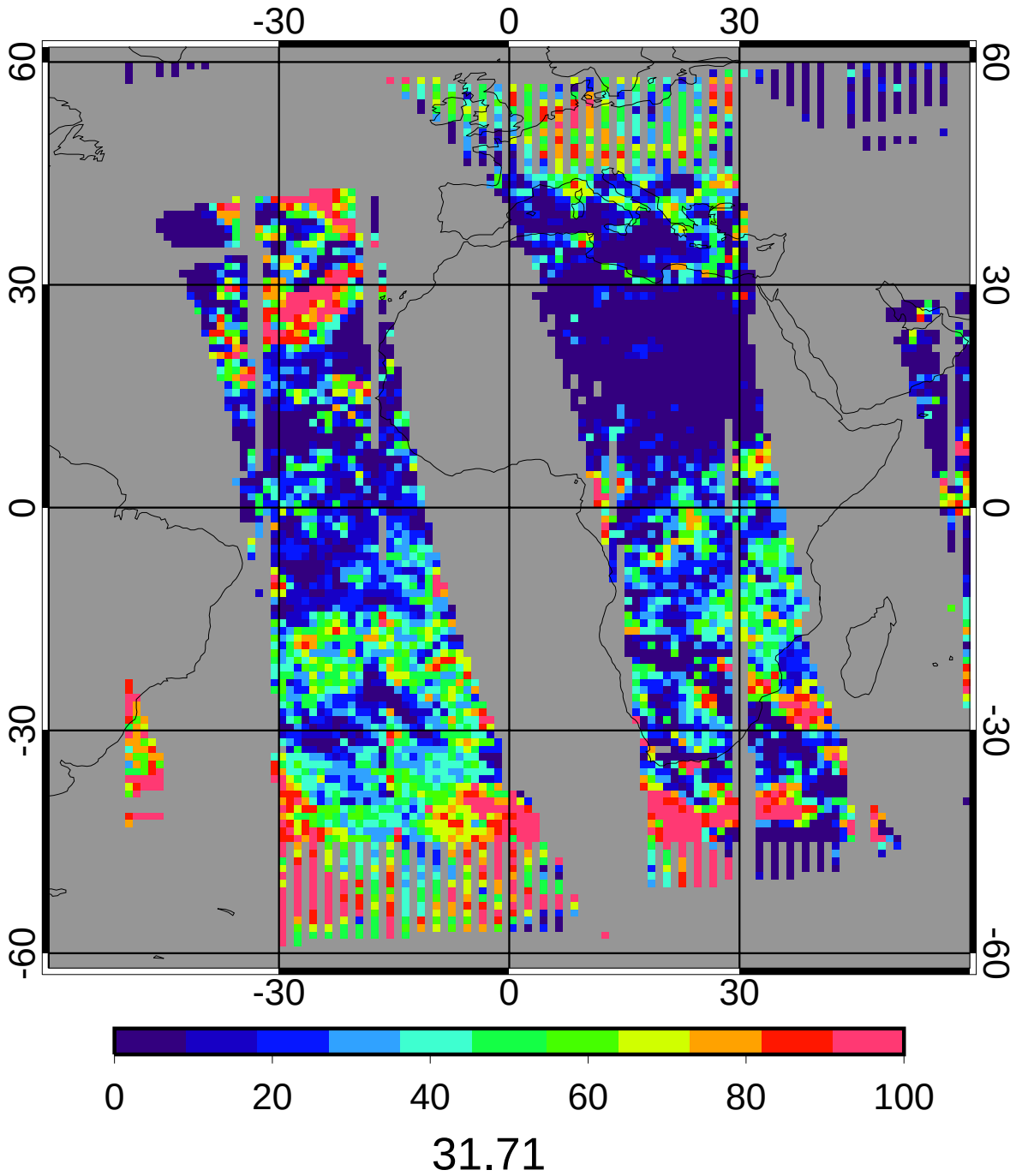
5ch_39cal Apr 2010



regave rms	0.14	10.24%
domain rms	0.21	15.39%

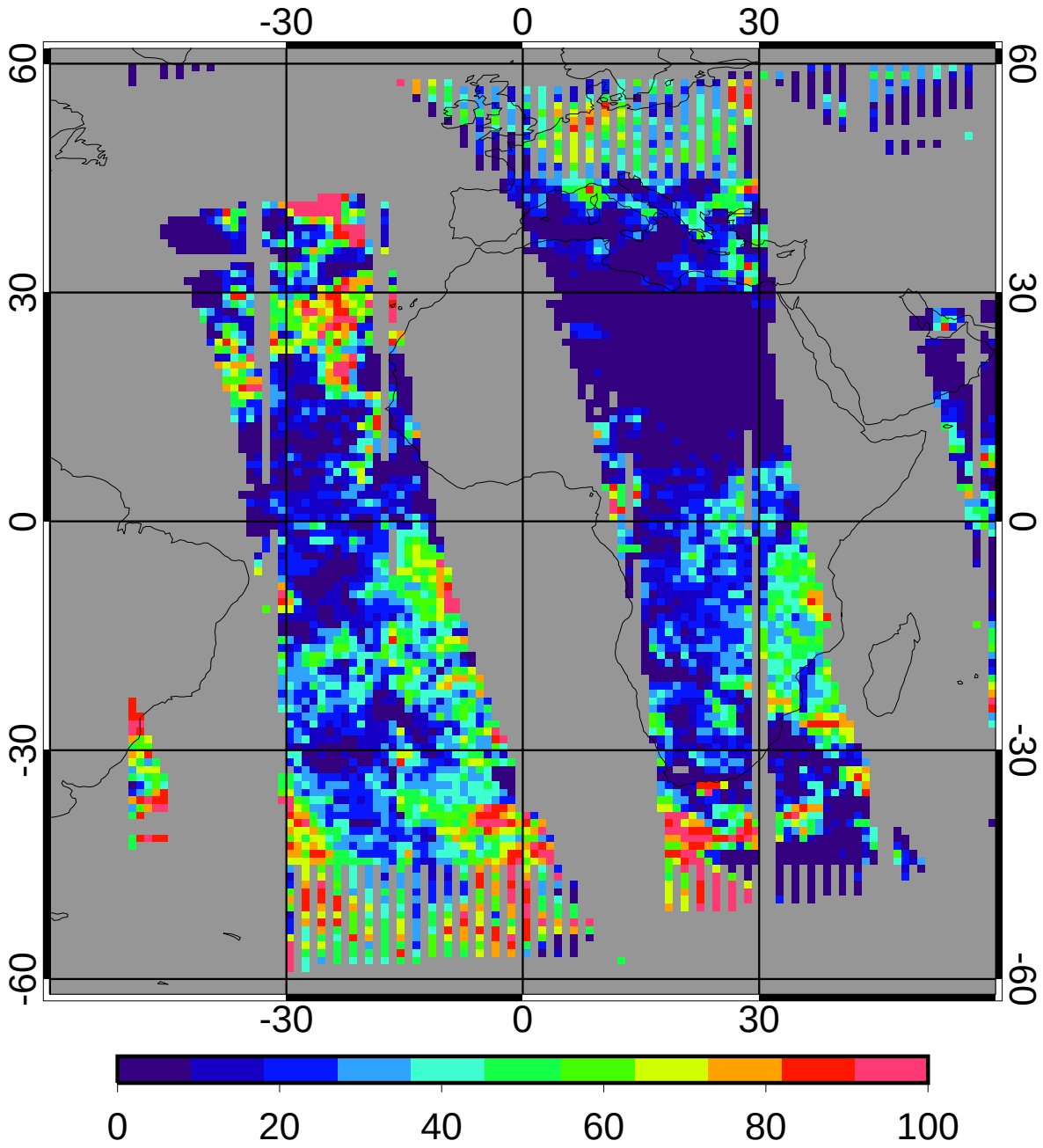
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Apr 2010



CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

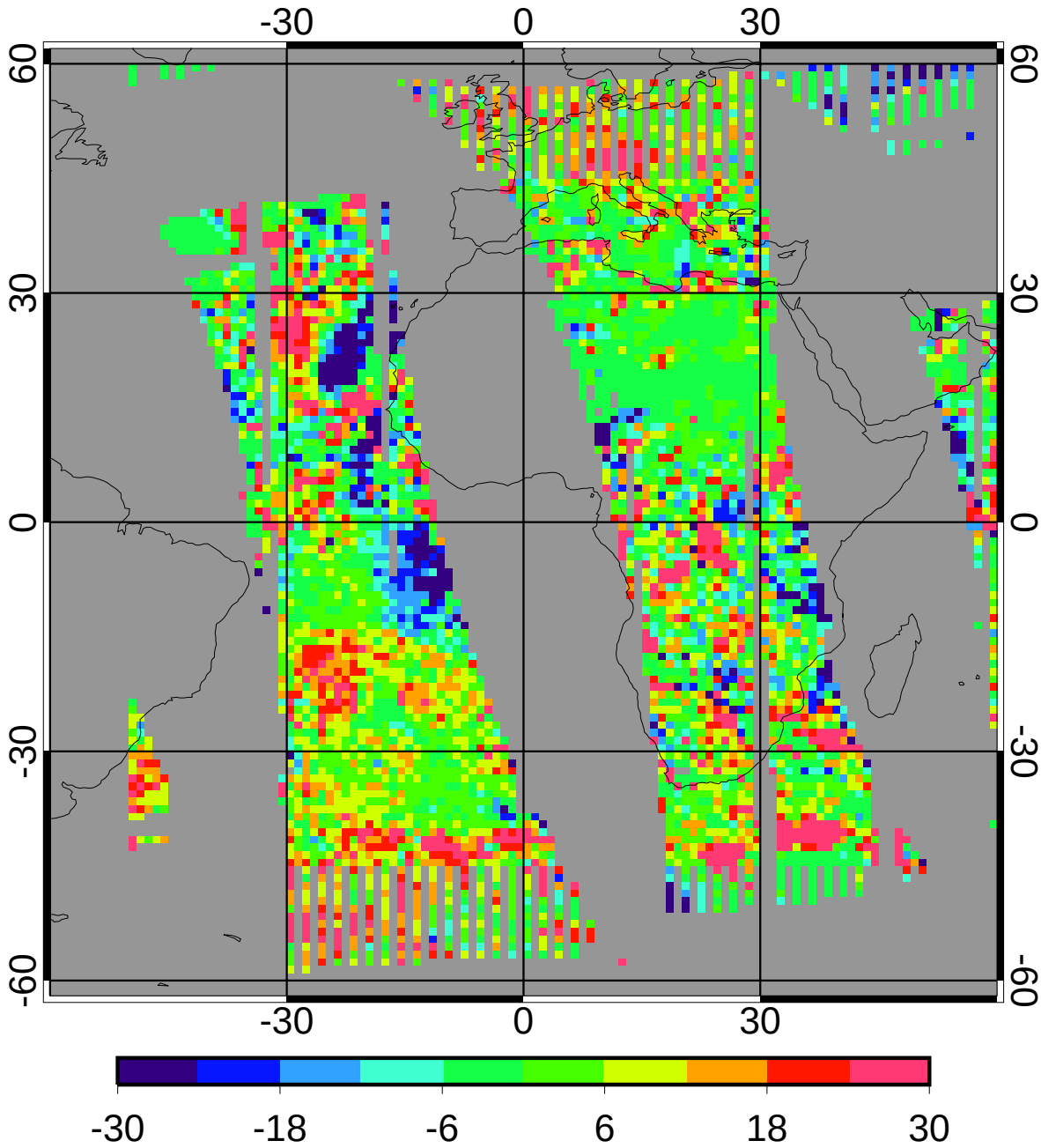
5ch_39cal Apr 2010



27.73

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

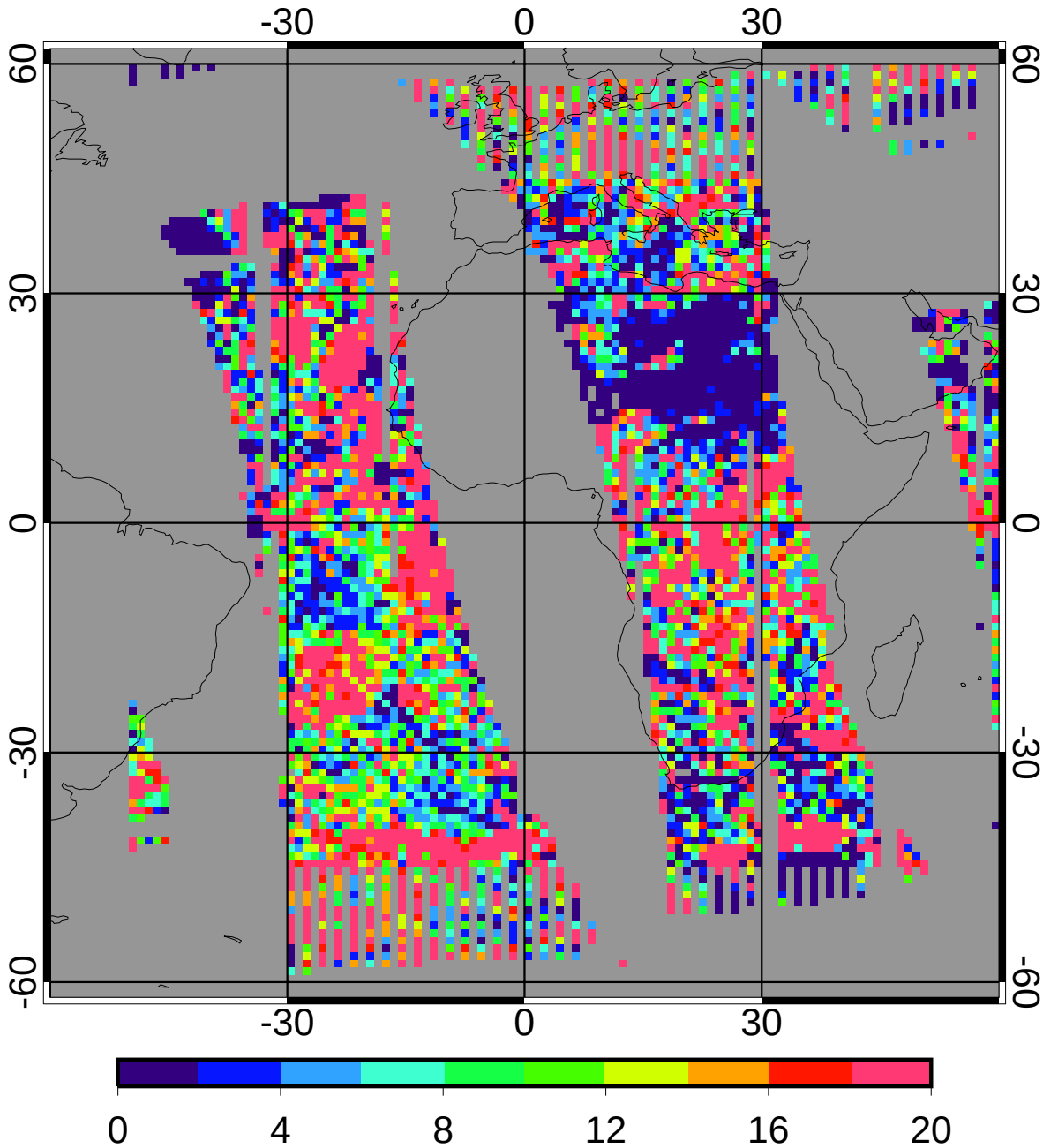
5ch_39cal Apr 2010



bias	3.98	14.37%
domain sigma	15.05	54.28%

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

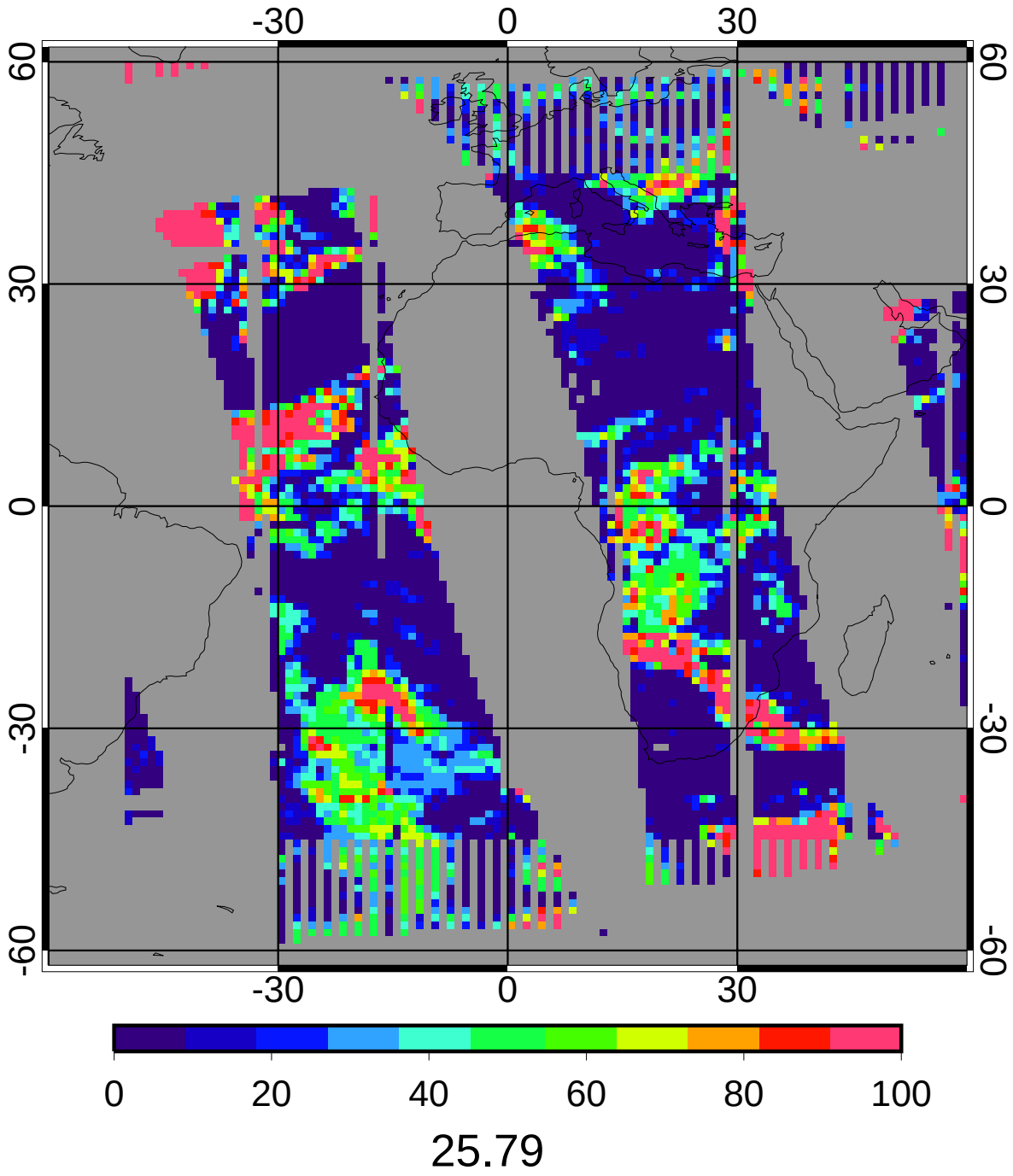
5ch_39cal Apr 2010



regave rms	13.67	49.31%
domain rms	17.63	63.59%

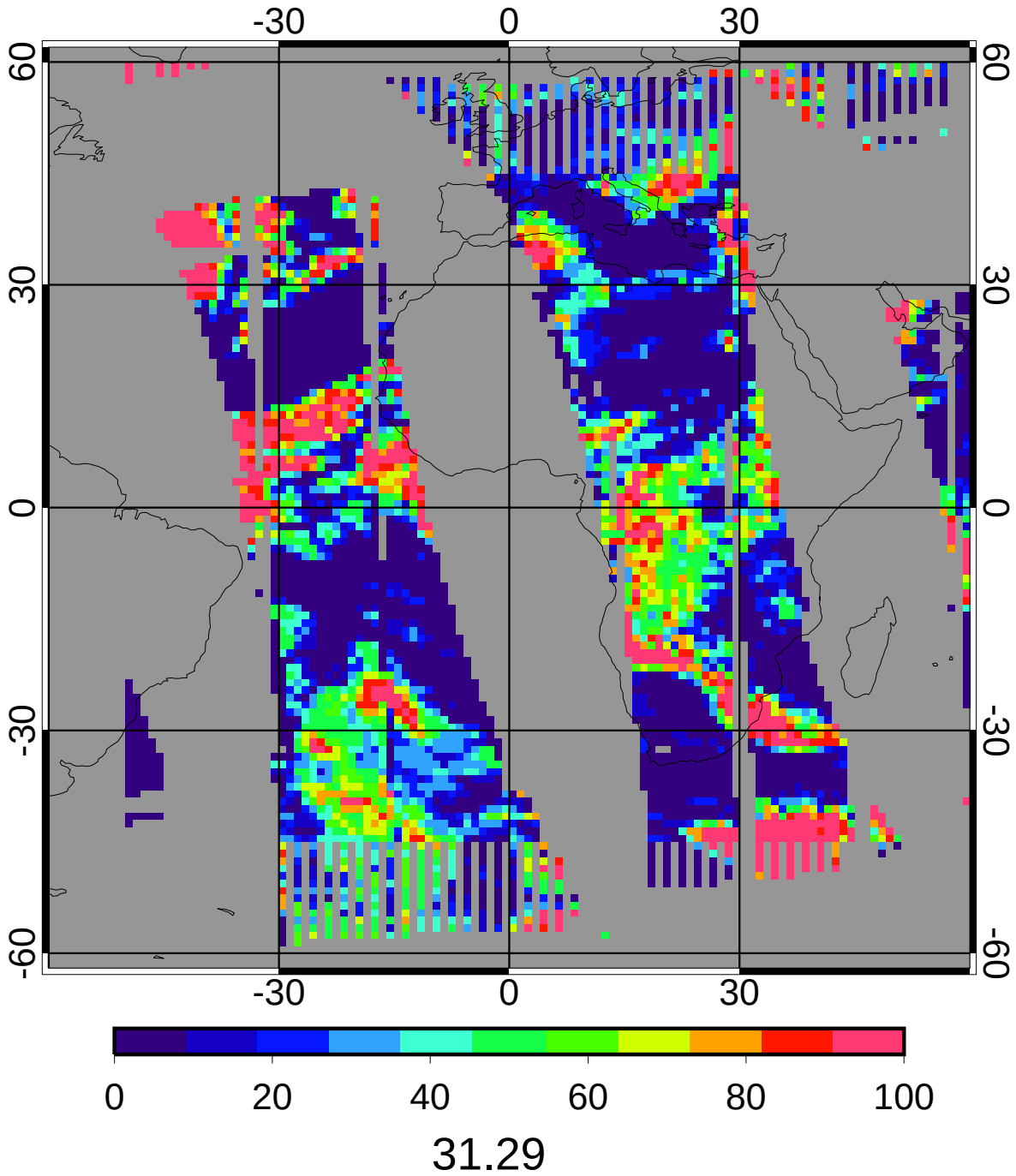
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_39cal Apr 2010



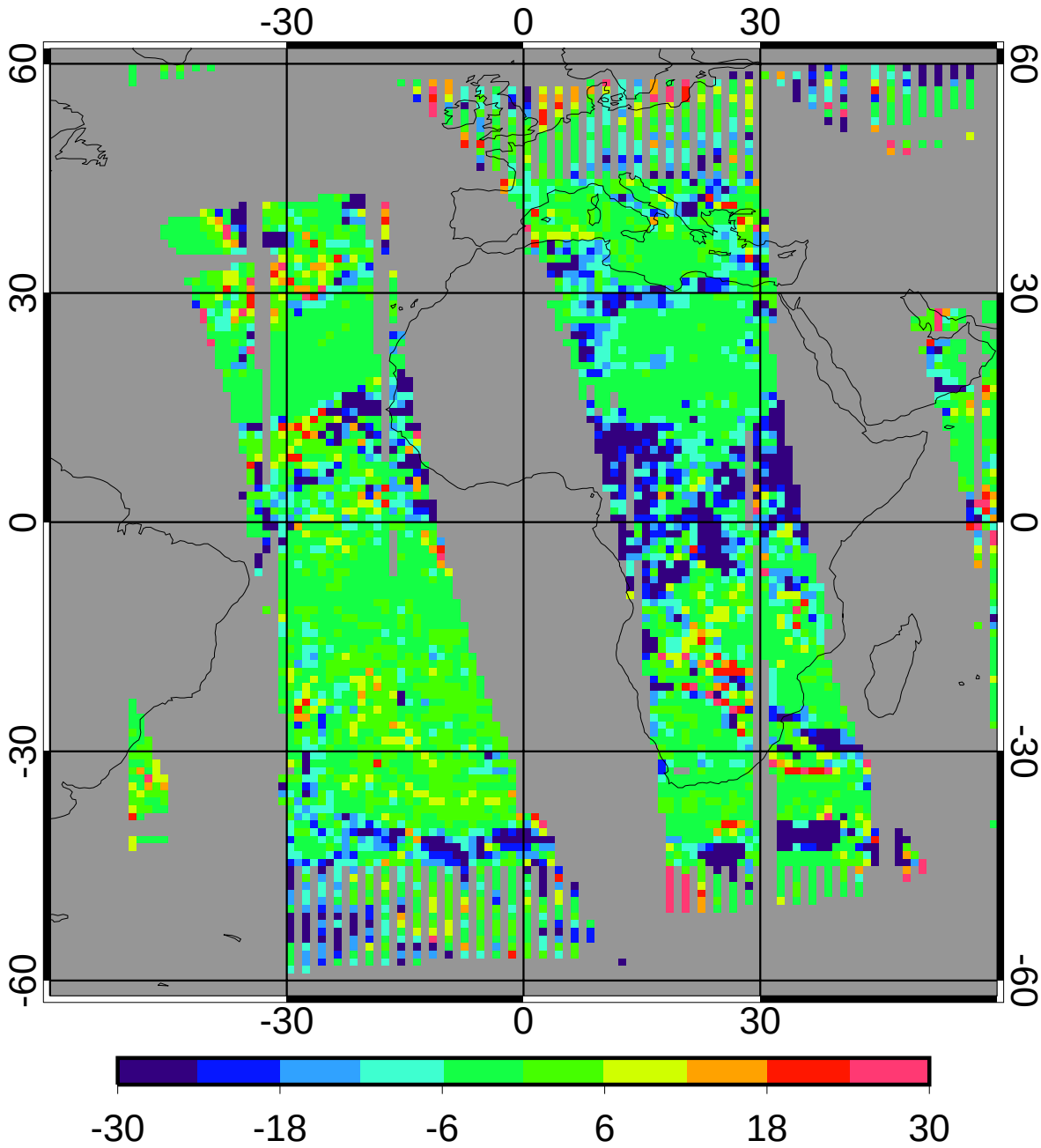
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch_39cal Apr 2010



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

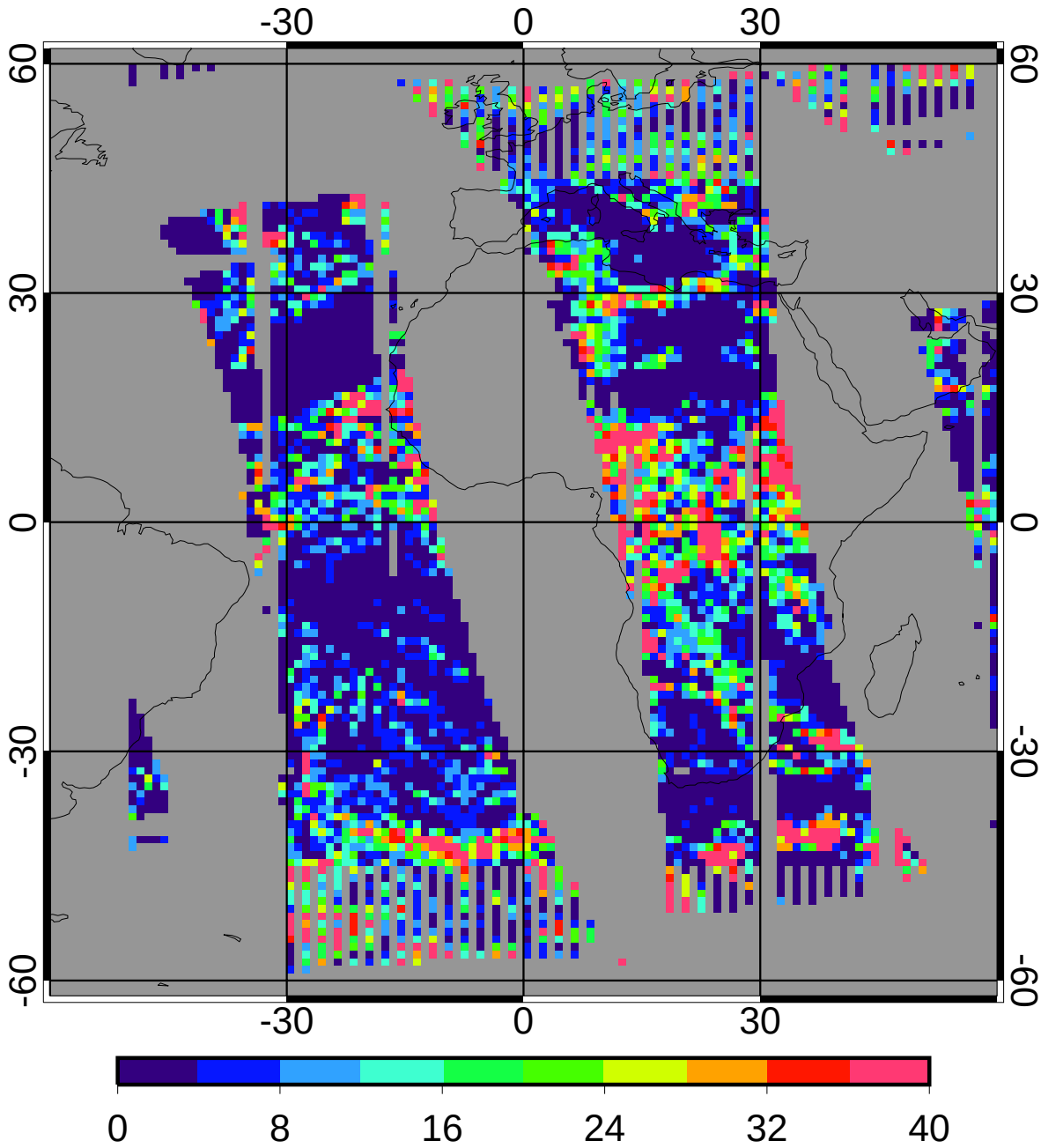
5ch_39cal Apr 2010



bias	-5.50	-17.57%
domain sigma	12.98	41.49%

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

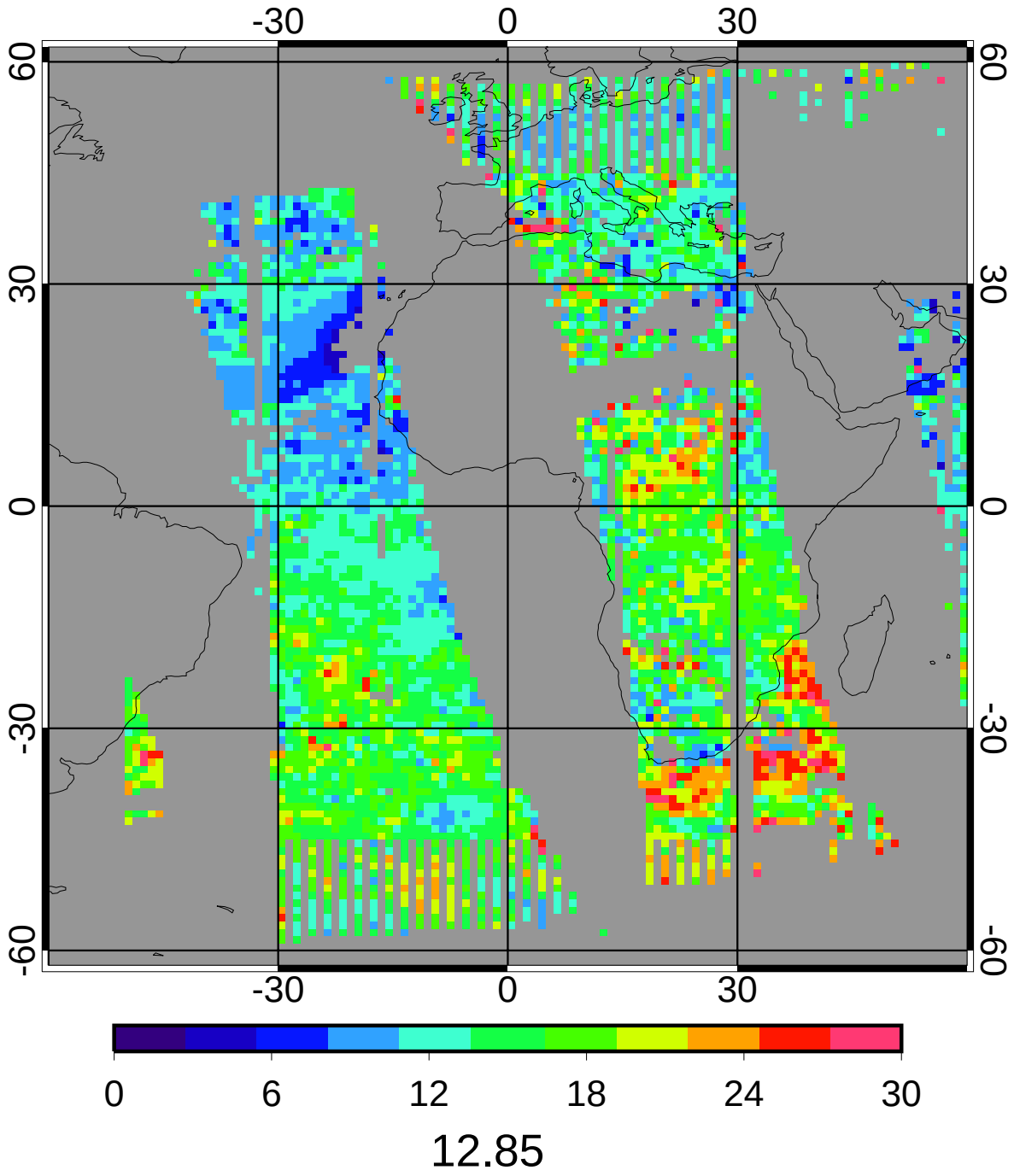
5ch_39cal Apr 2010



regave rms	10.60	33.88%
domain rms	16.05	51.31%

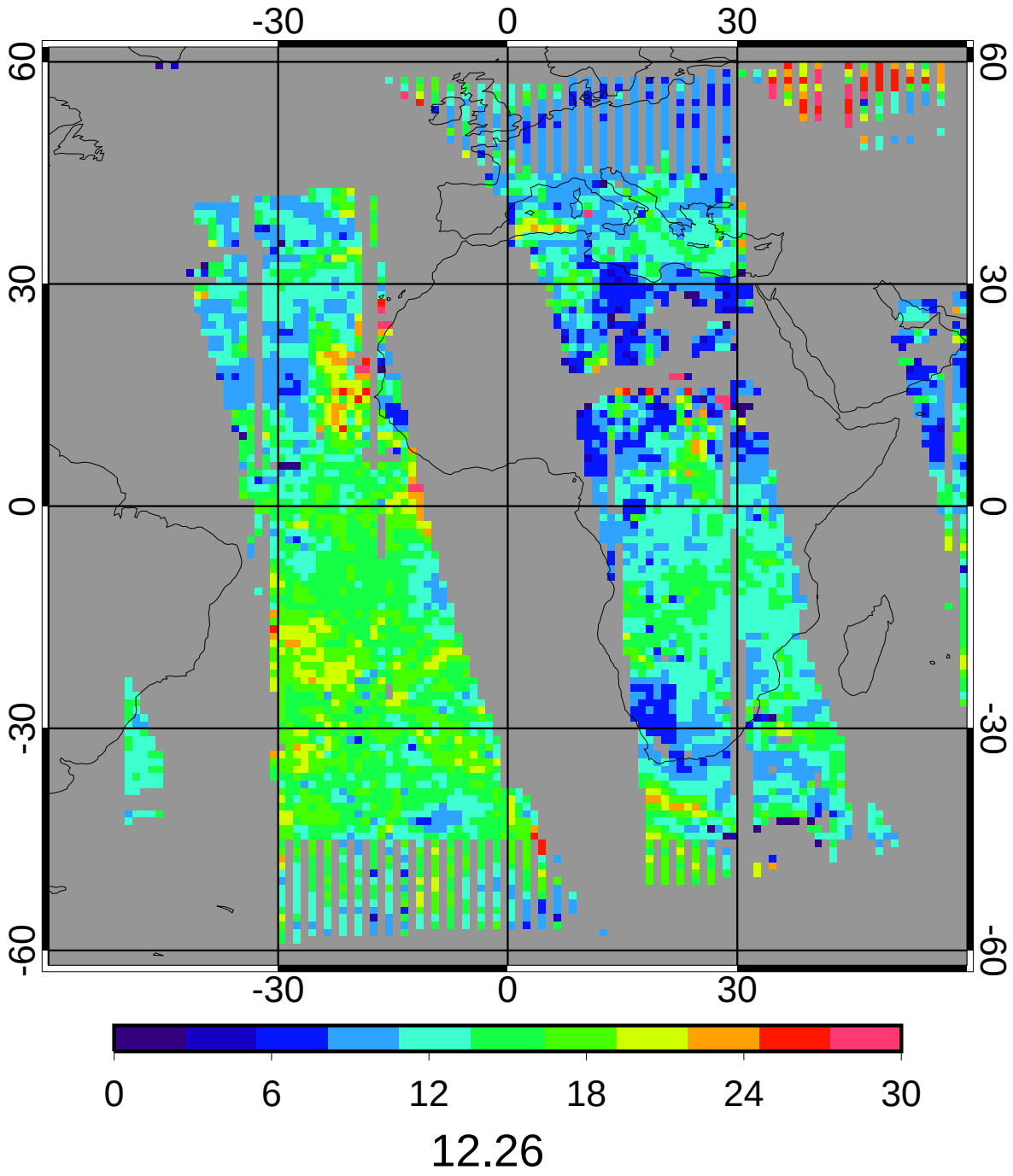
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Apr 2010



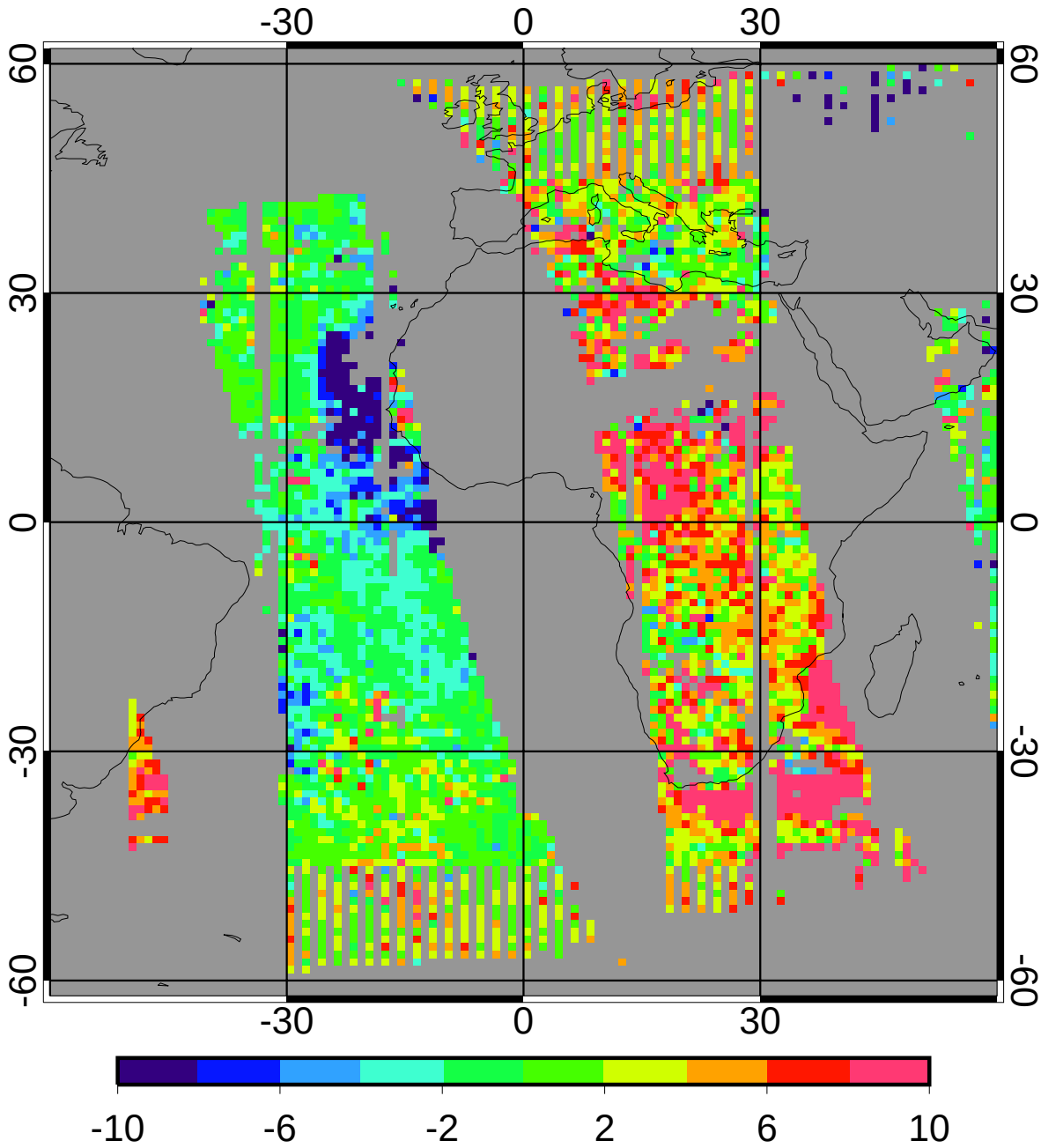
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Apr 2010



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

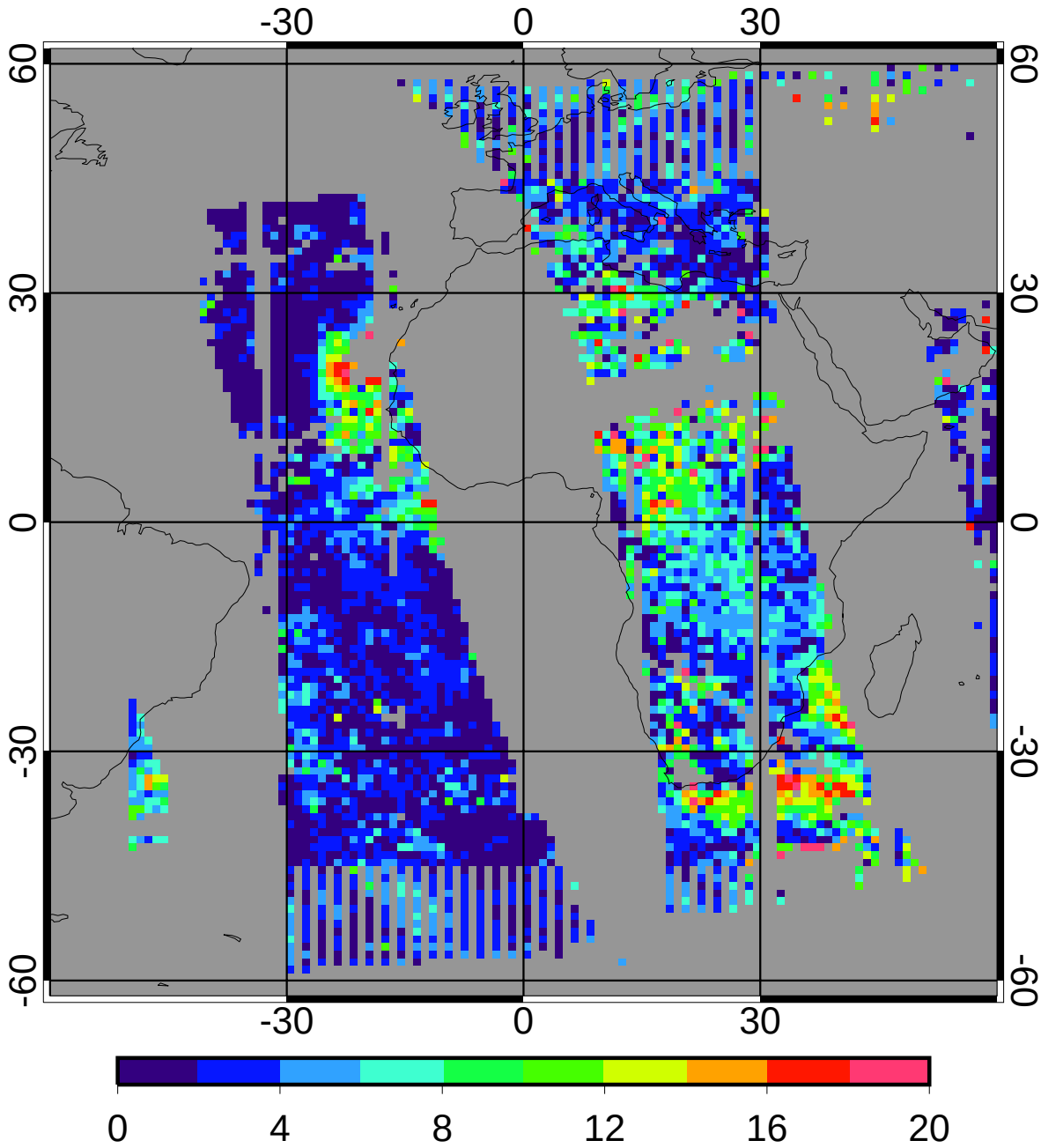
5ch_39cal Apr 2010



bias	1.47	12.01%
domain sigma	4.59	37.42%

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

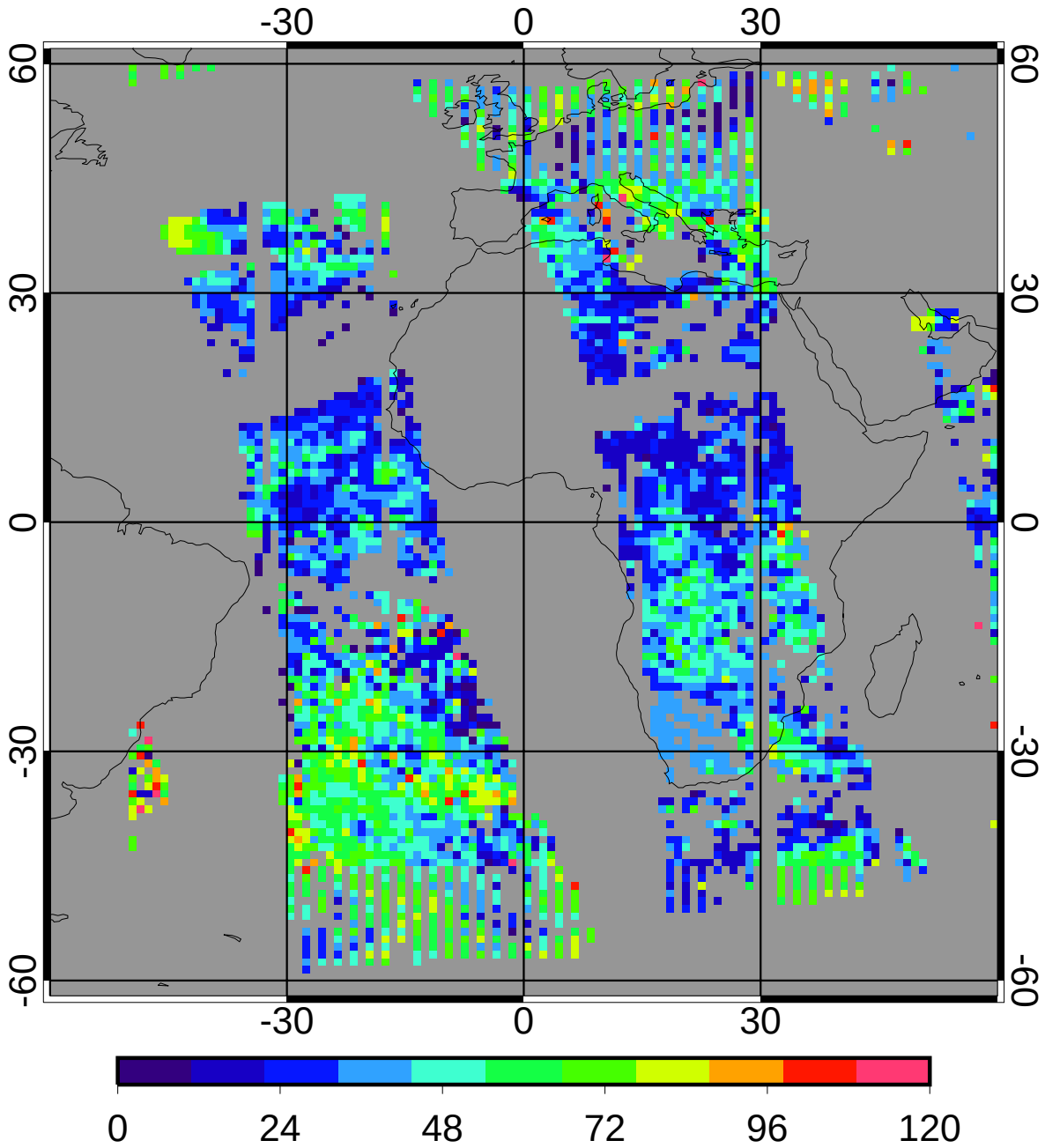
5ch_39cal Apr 2010



regave rms	3.63	29.56%
domain rms	4.90	39.97%

GGEO MEAN Daytime Ice Particle Size (microns)

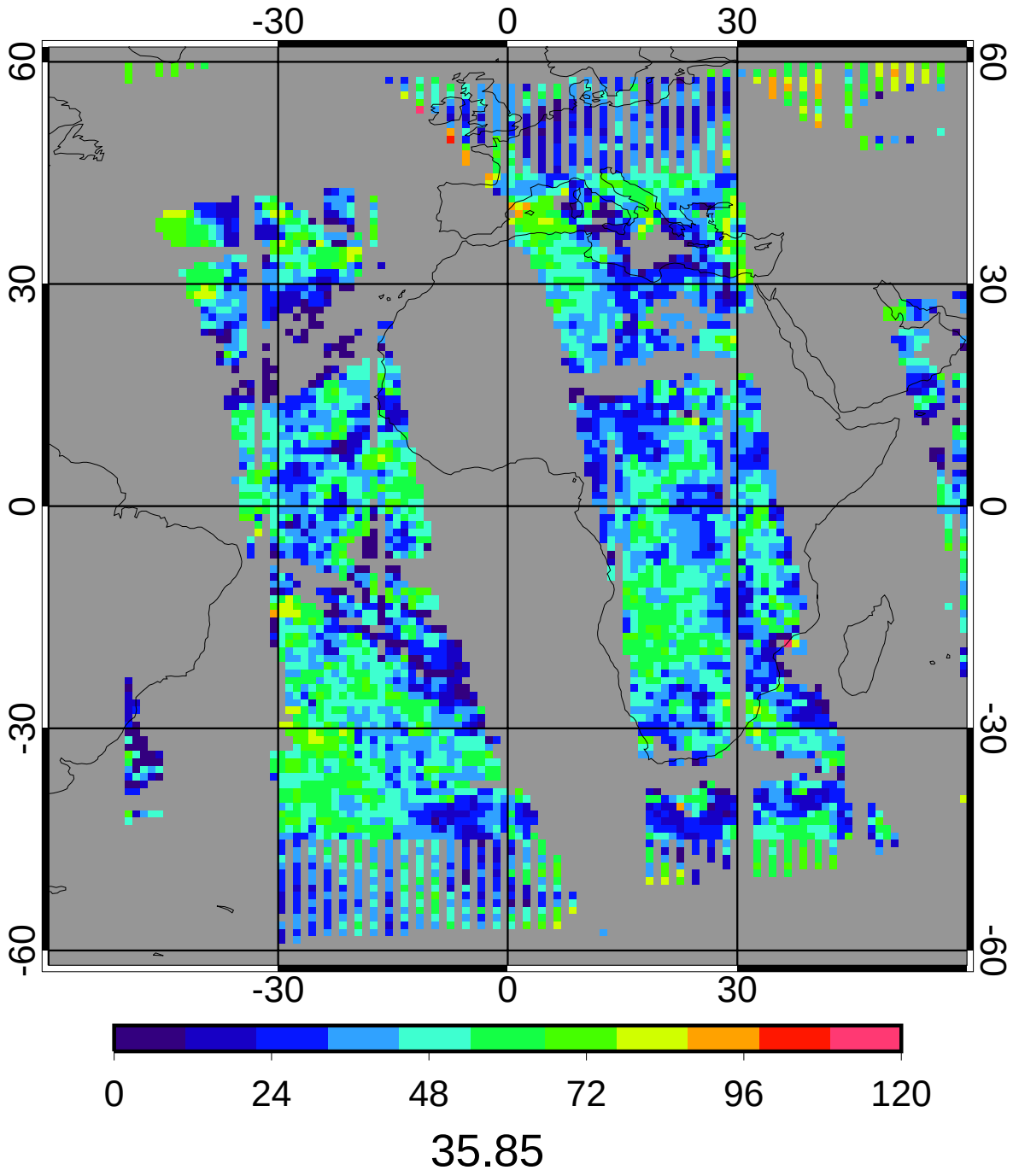
5ch_39cal Apr 2010



30.41

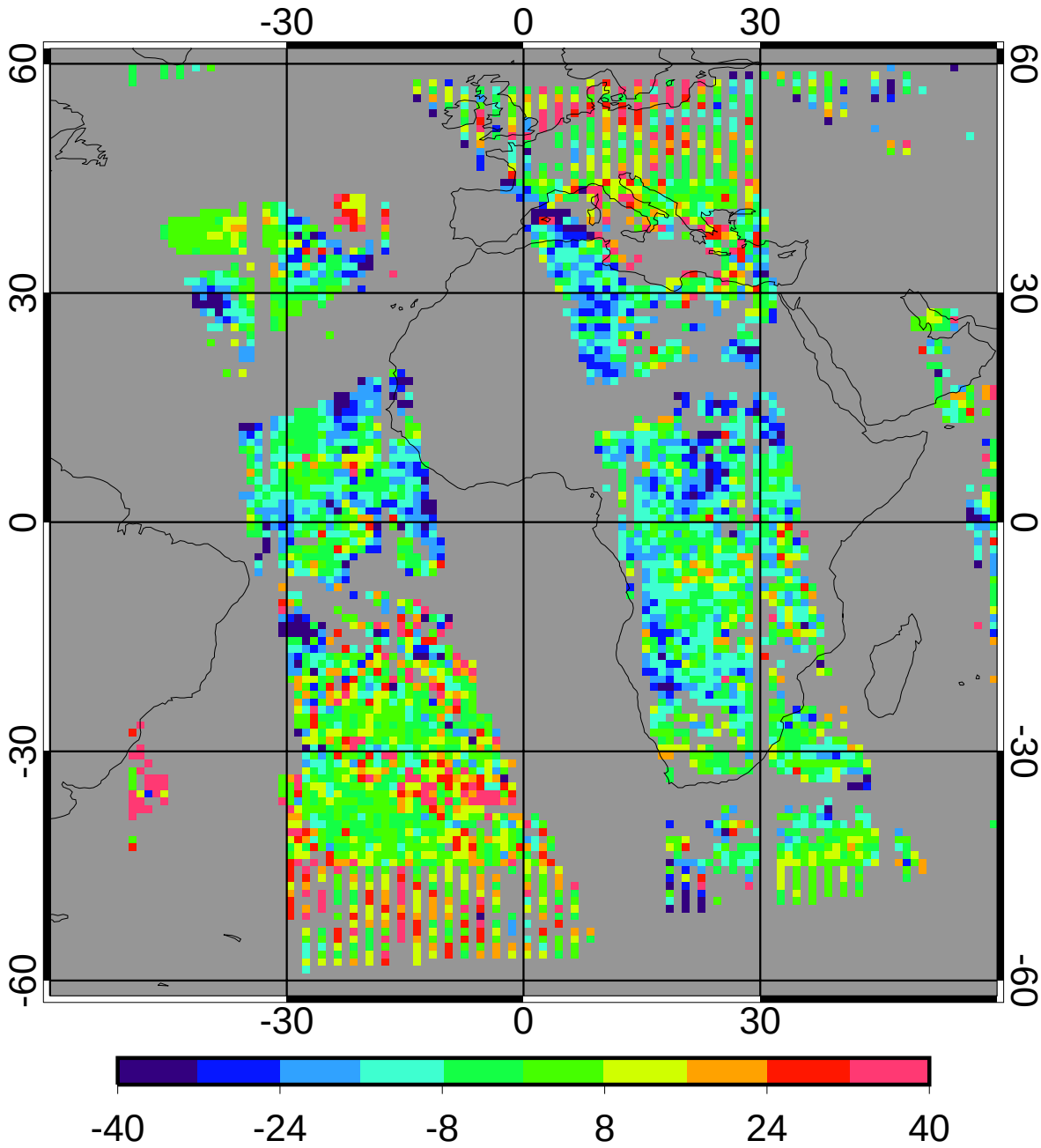
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch_39cal Apr 2010



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

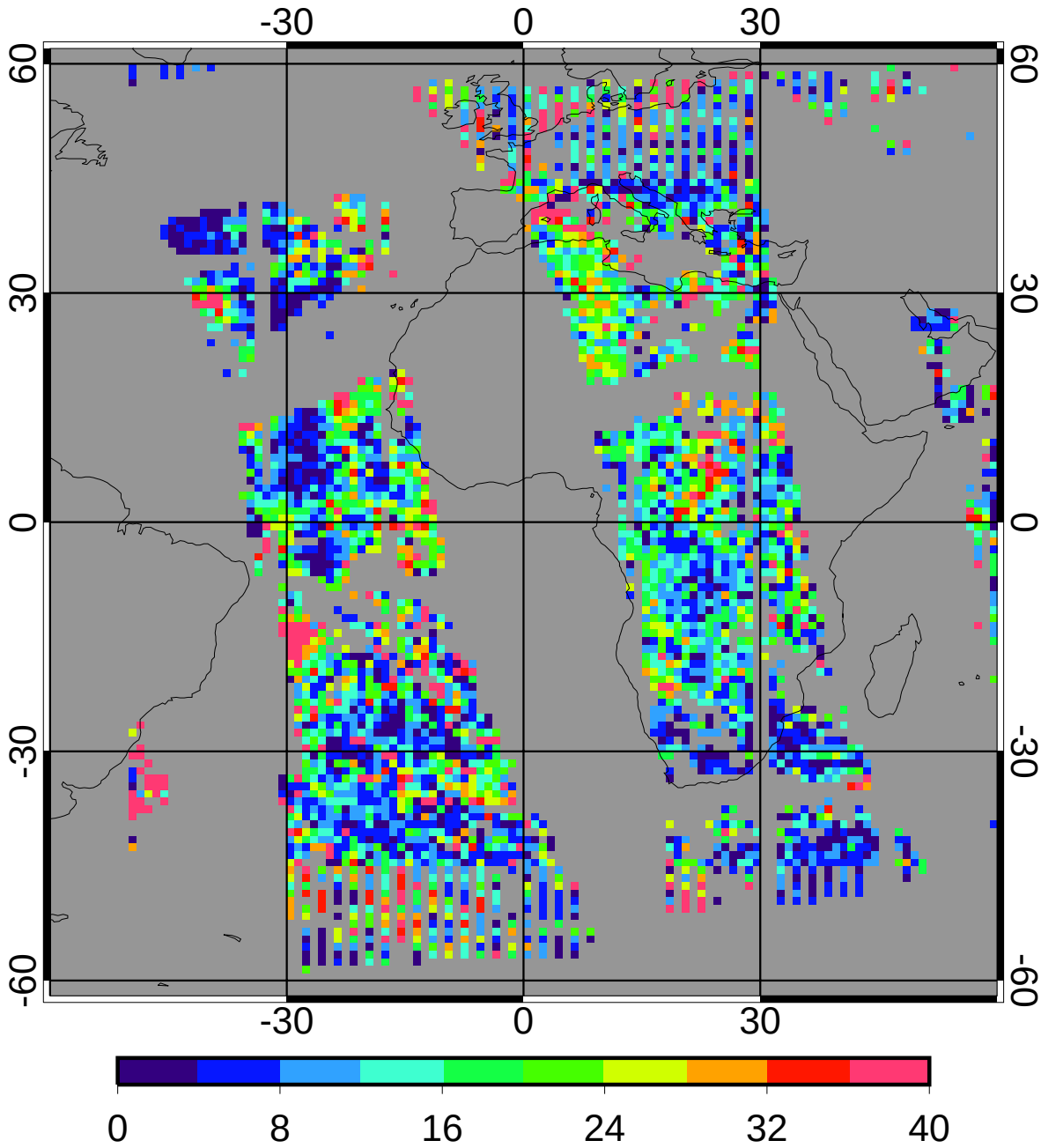
5ch_39cal Apr 2010



bias	-1.78	-4.96%
domain sigma	16.35	45.62%

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

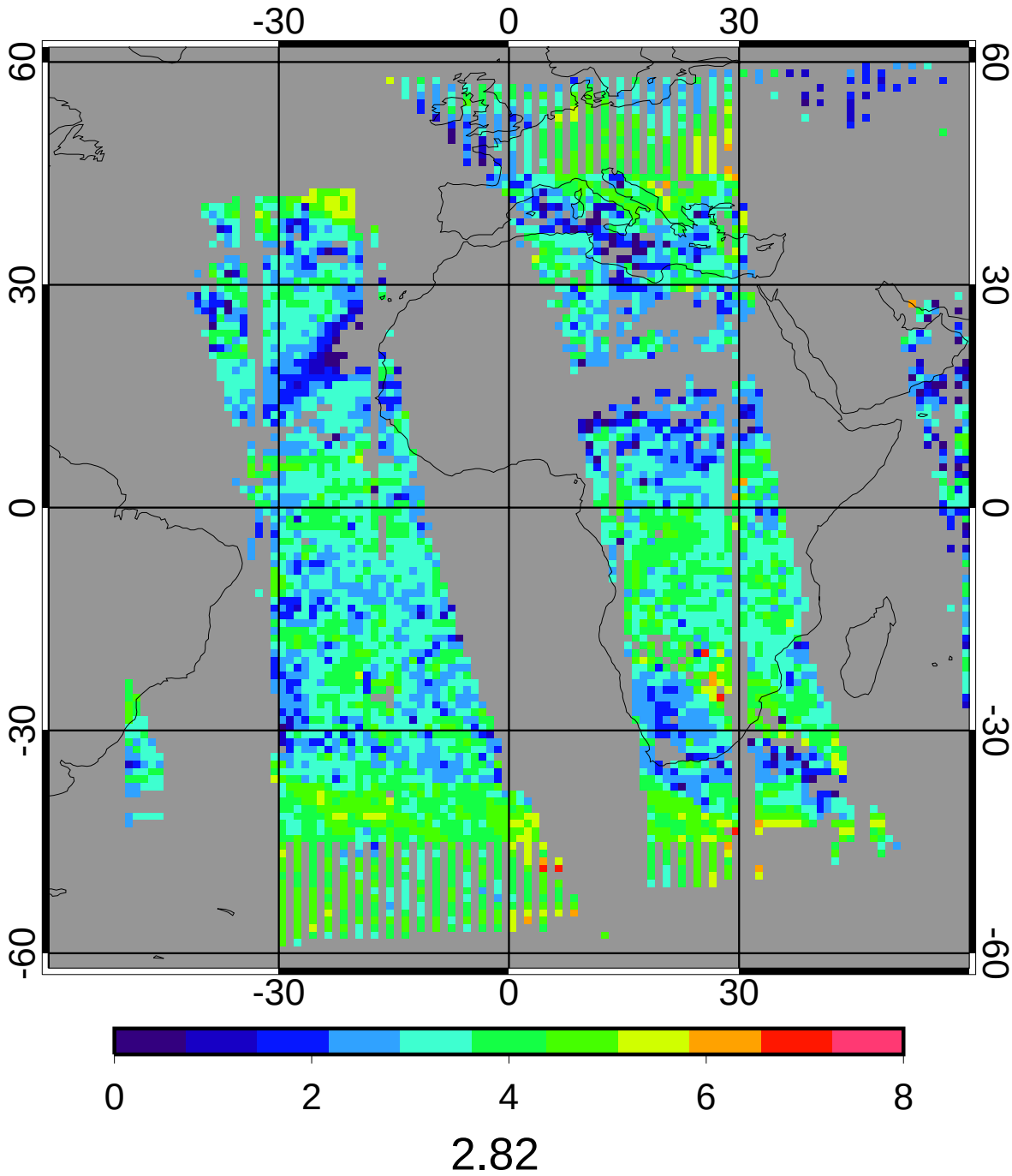
5ch_39cal Apr 2010



regave rms	11.20	31.24%
domain rms	18.54	51.73%

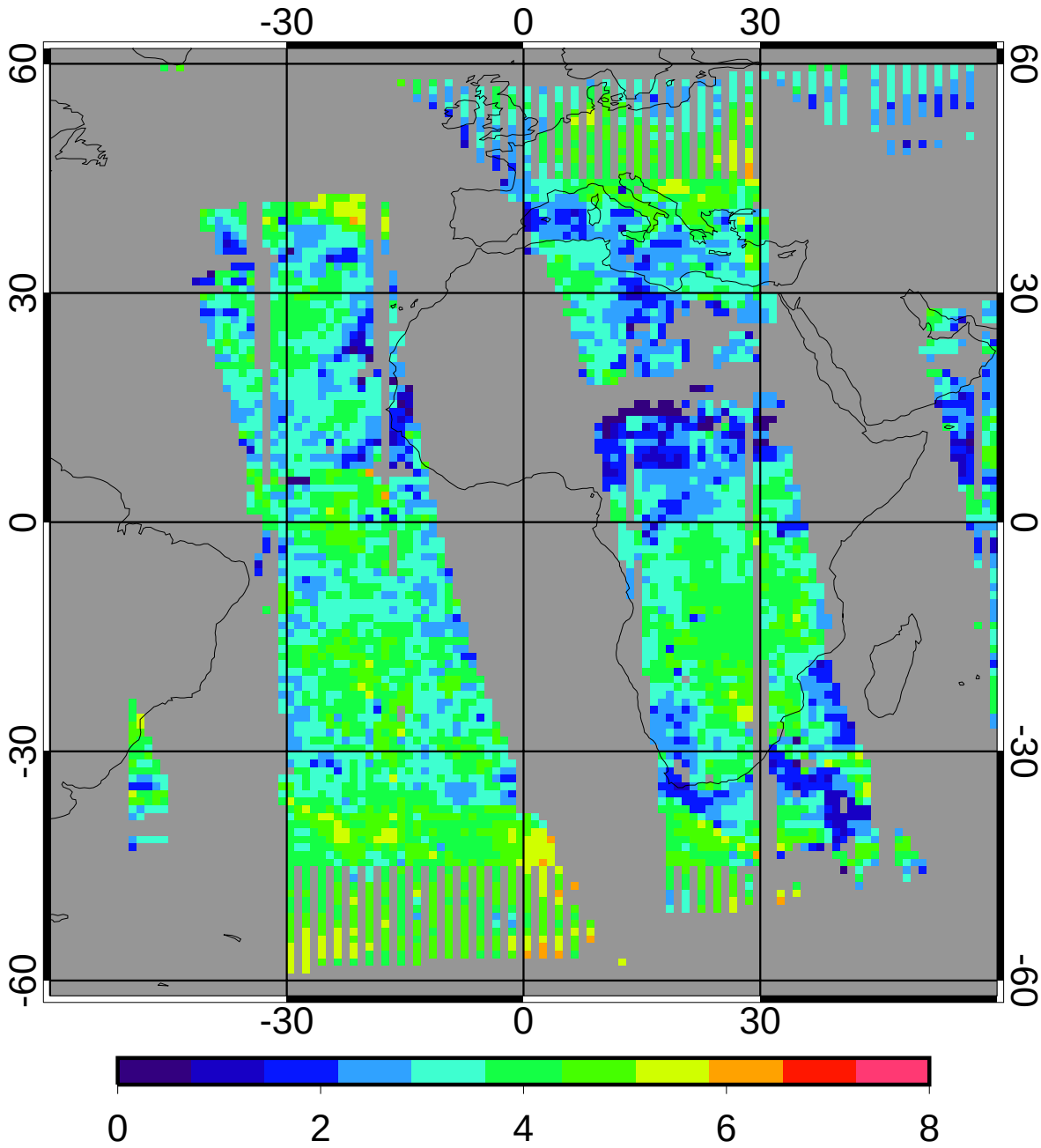
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010



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

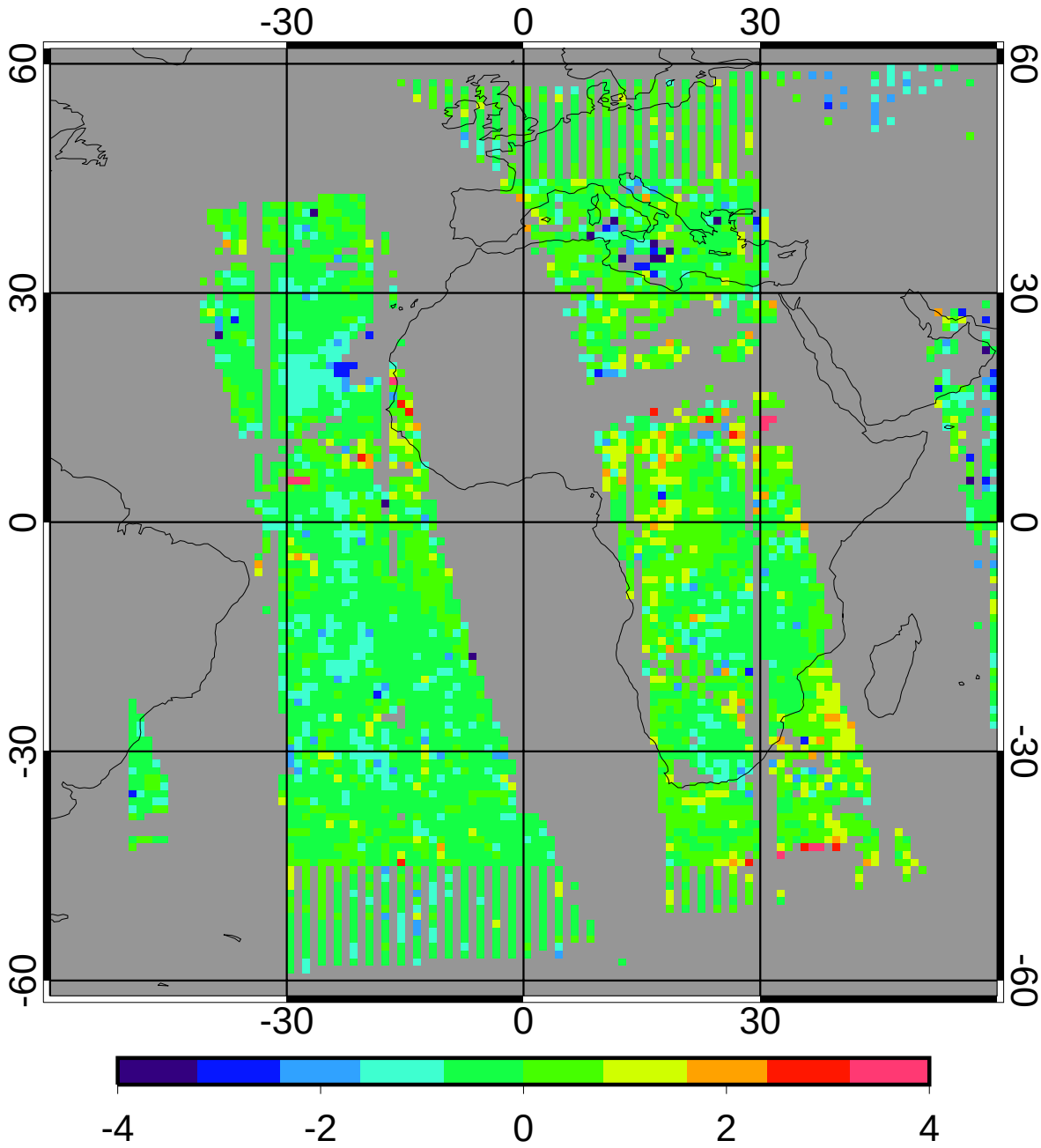
5ch_39cal Apr 2010



3.14

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

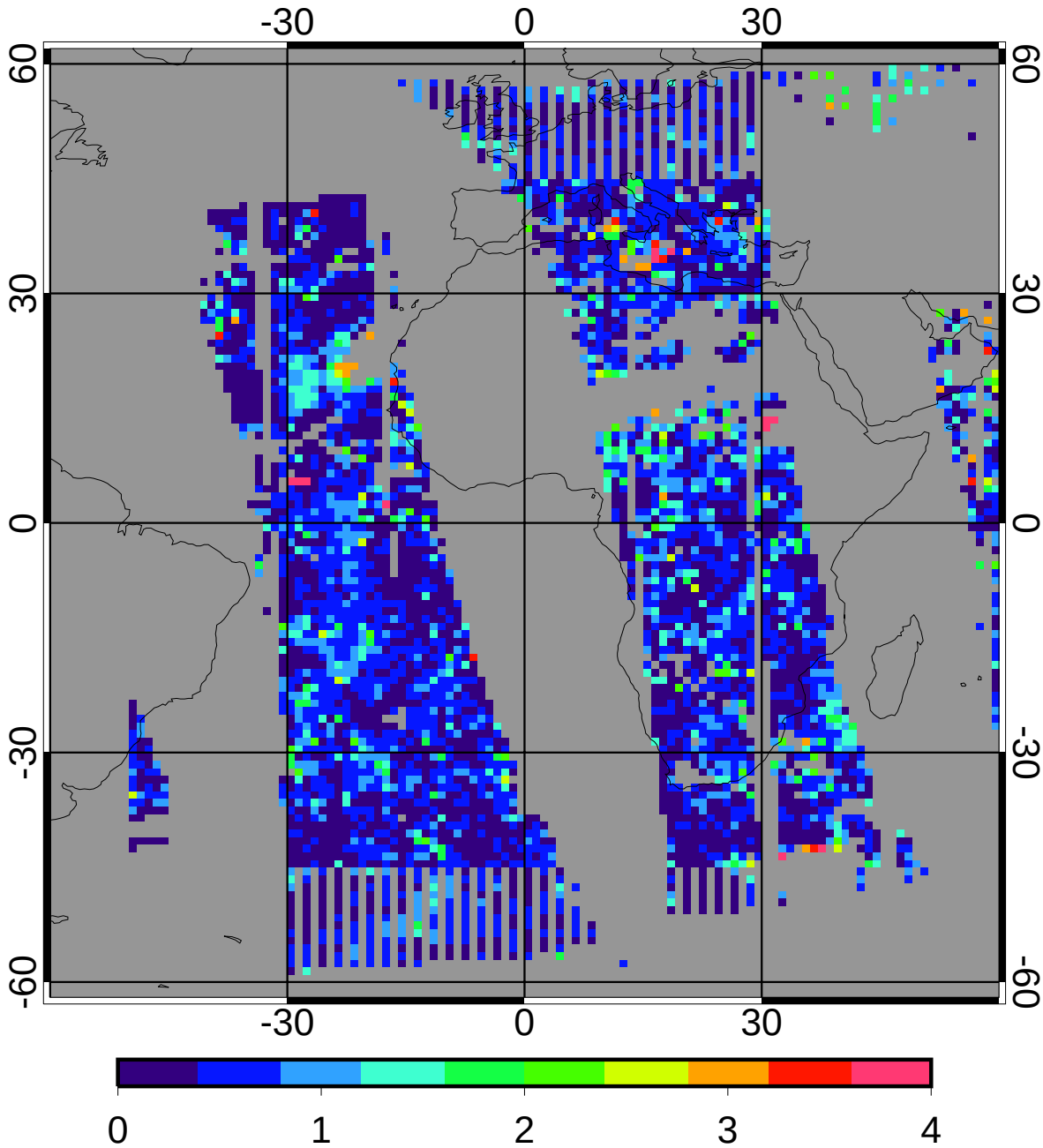
5ch_39cal Apr 2010



bias	-0.14	-4.41%
domain sigma	0.66	21.17%

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

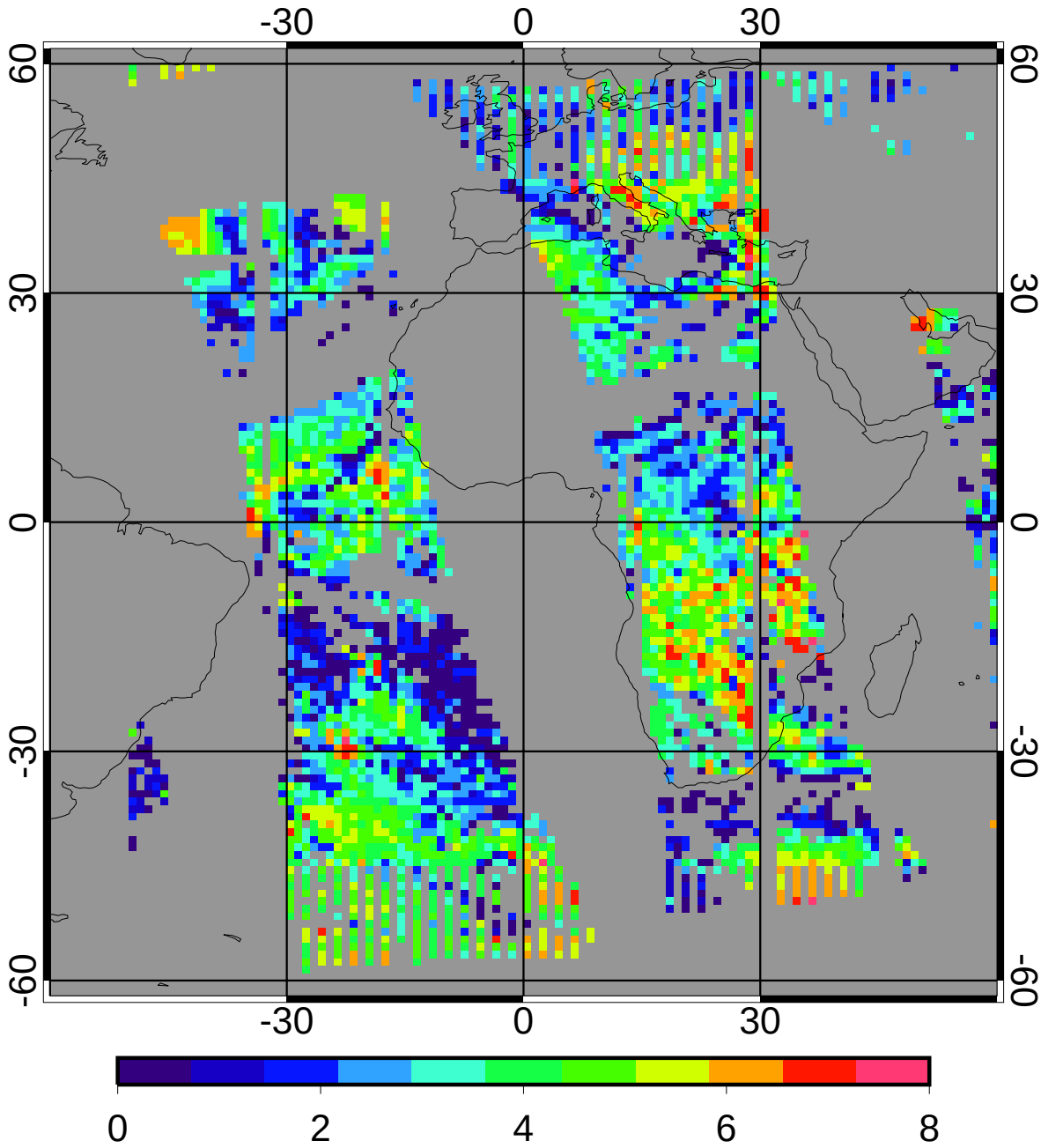
5ch_39cal Apr 2010



regave rms	0.51	16.40%
domain rms	0.72	23.00%

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

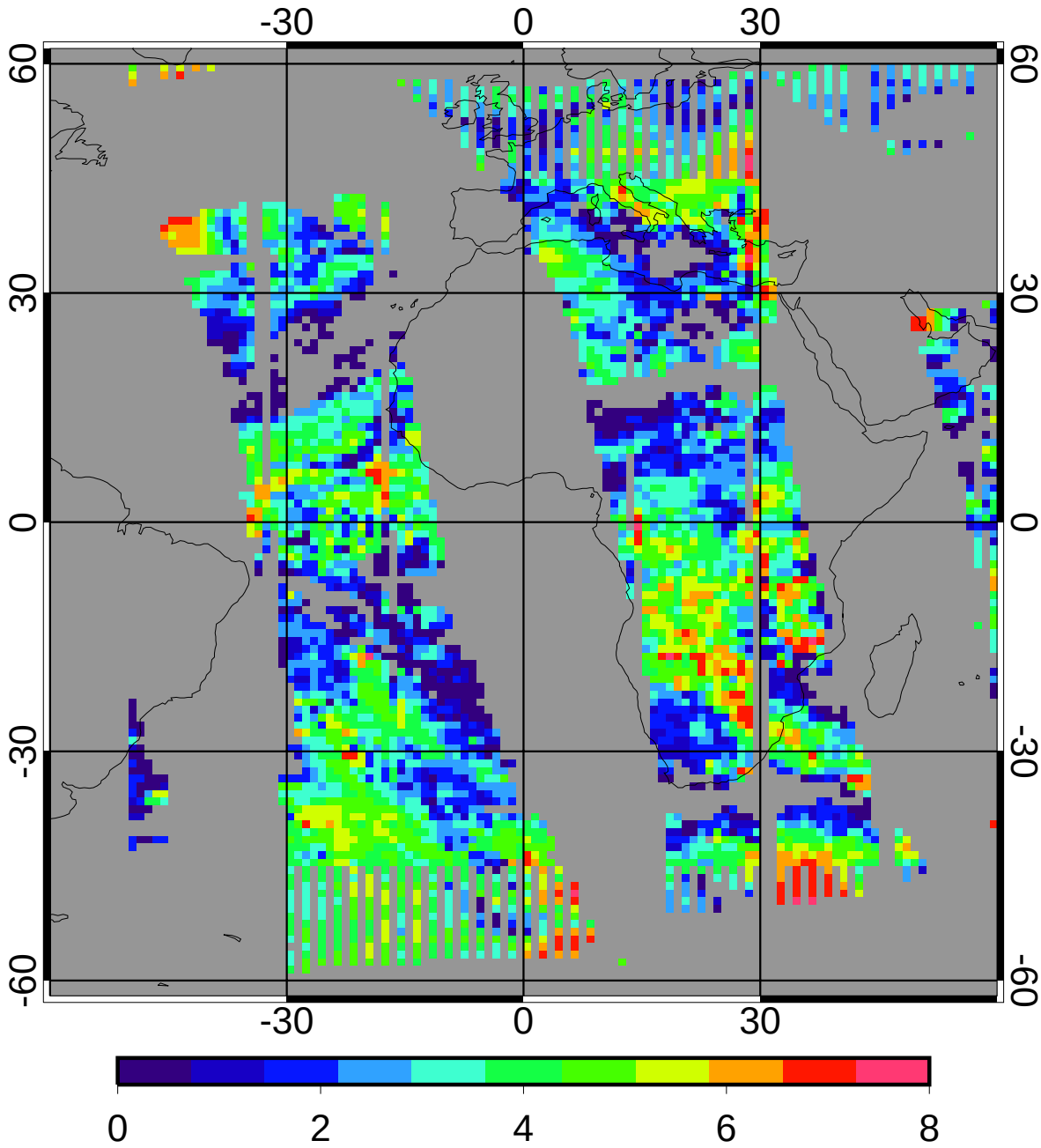
5ch_39cal Apr 2010



2.33

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

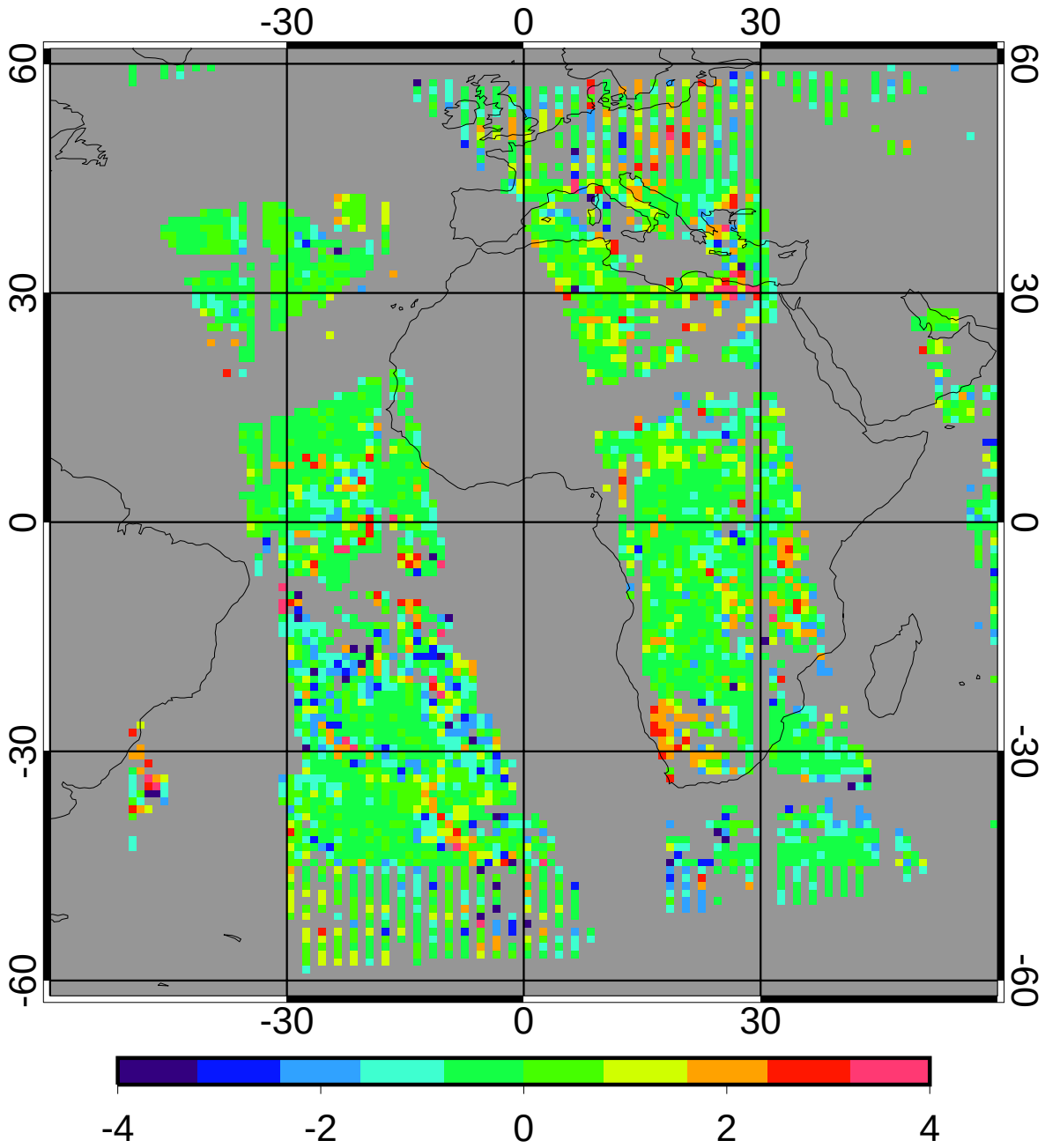
5ch_39cal Apr 2010



2.61

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

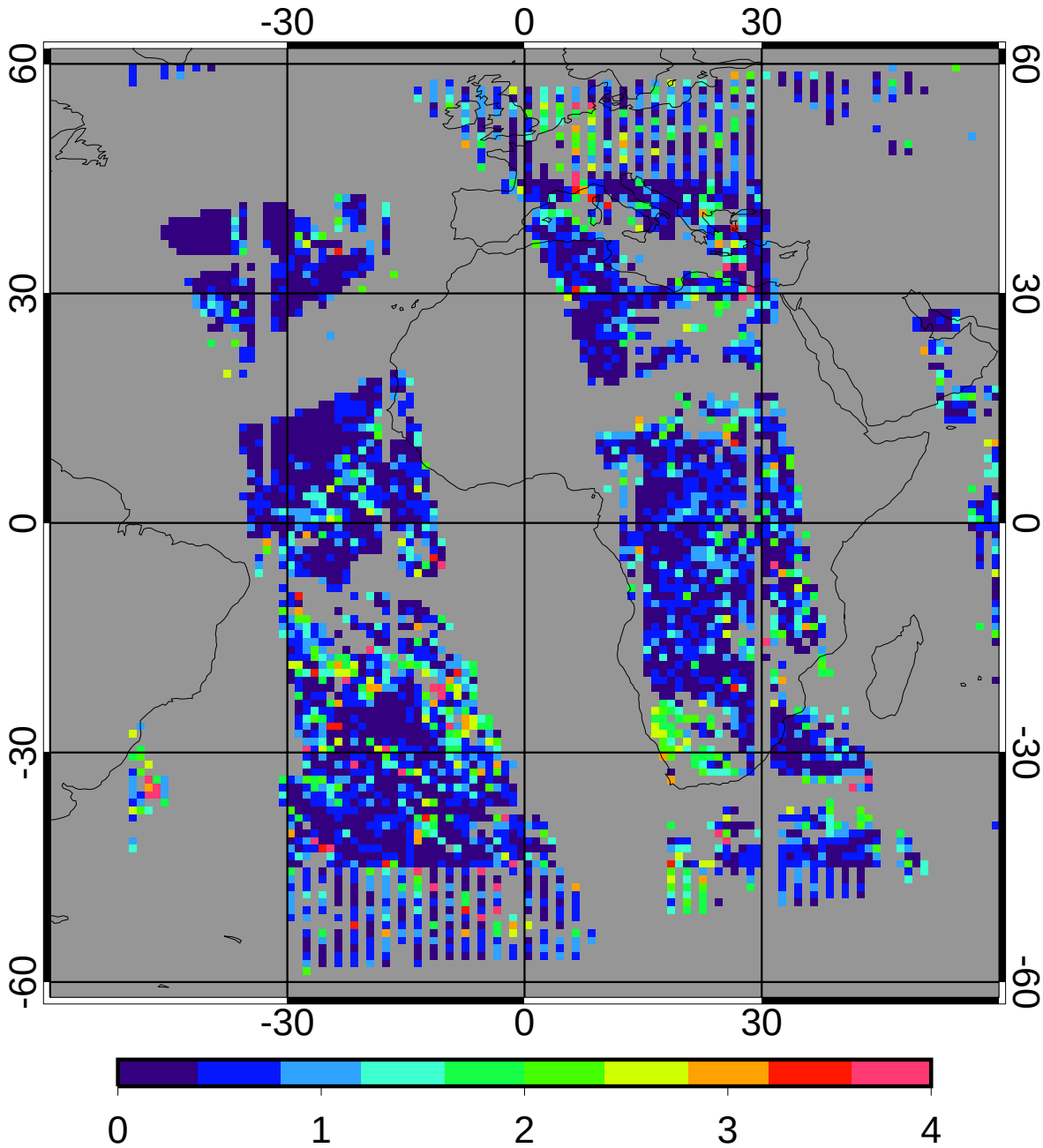
5ch_39cal Apr 2010



bias	-0.09	-3.63%
domain sigma	0.98	37.57%

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

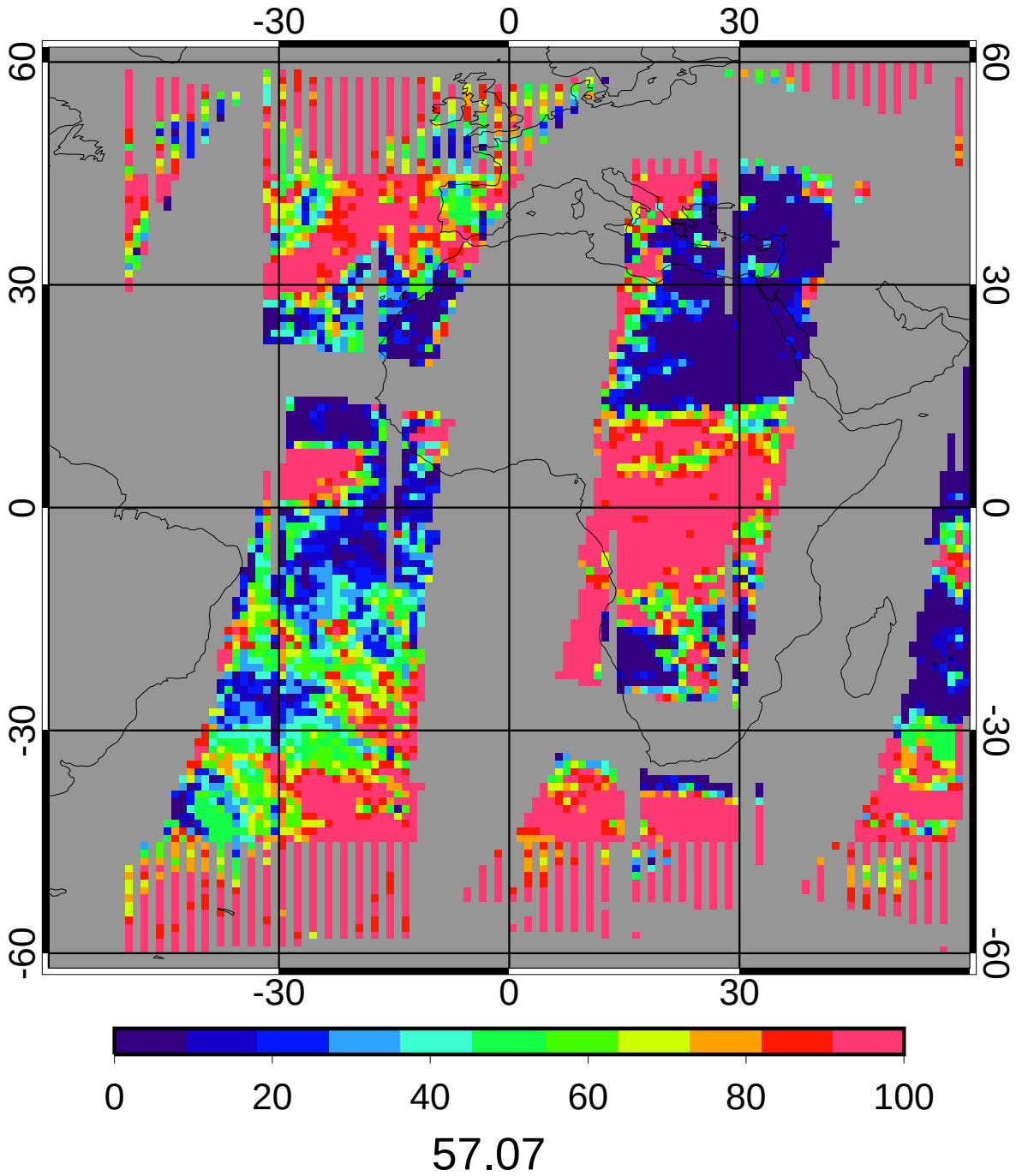
5ch_39cal Apr 2010



regave rms	0.52	19.89%
domain rms	0.98	37.62%

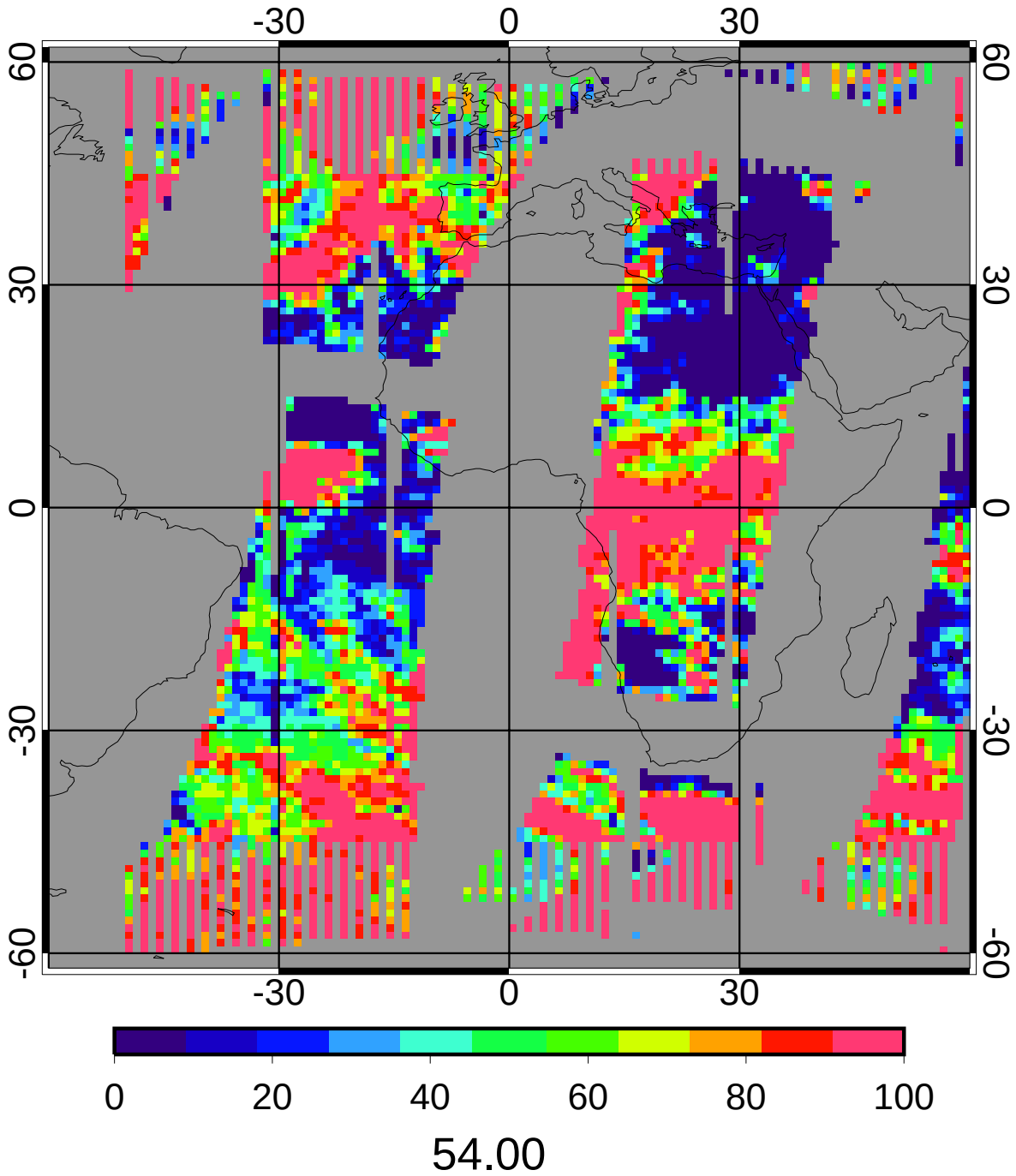
GGEO MEAN Nighttime Cloud Amount (%)

5ch_39cal Apr 2010



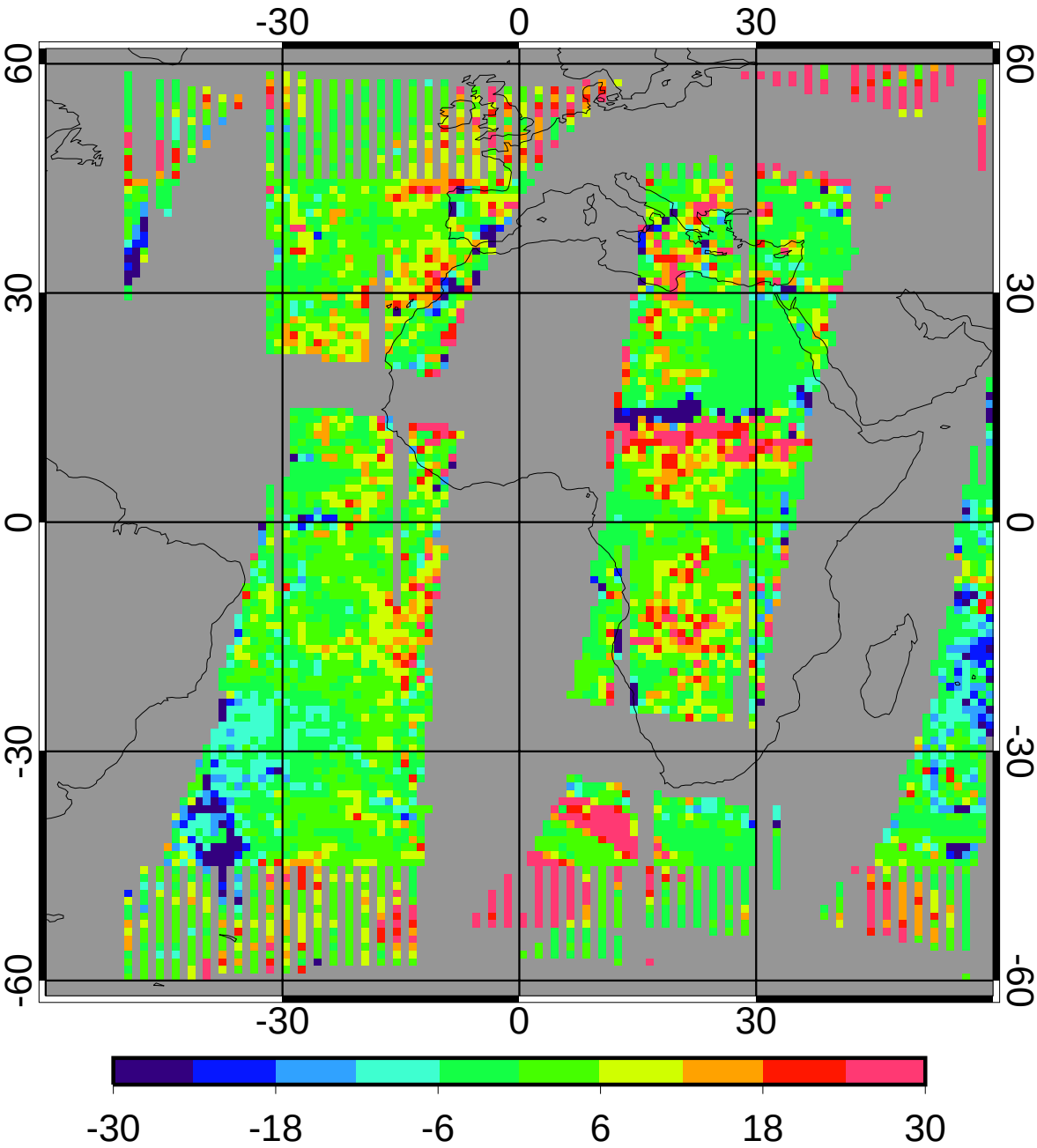
CERES/Aqua MEAN Nighttime Cloud Amount (%)

5ch_39cal Apr 2010



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

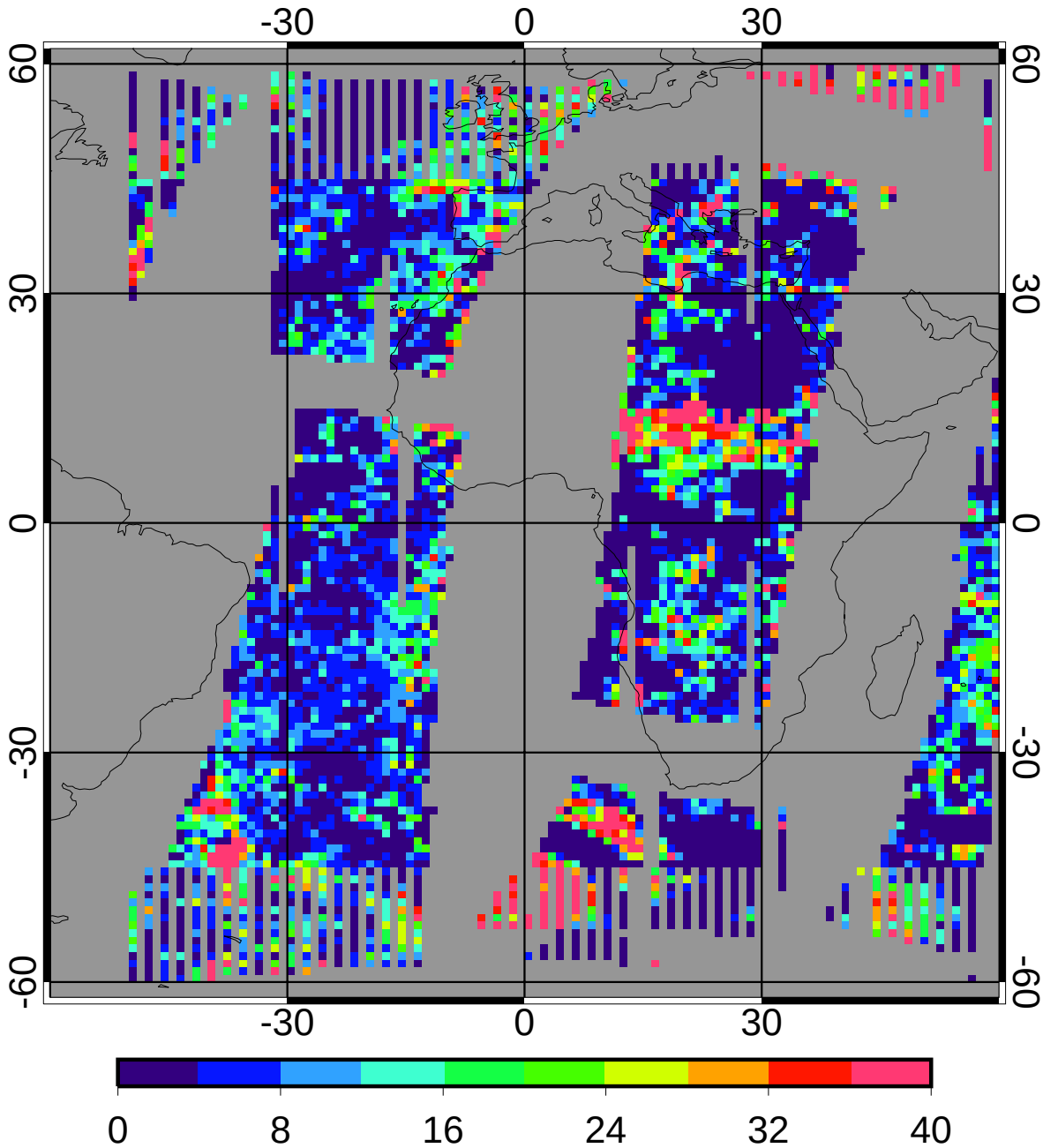
5ch_39cal Apr 2010



bias	3.07	5.69%
domain sigma	11.60	21.48%

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

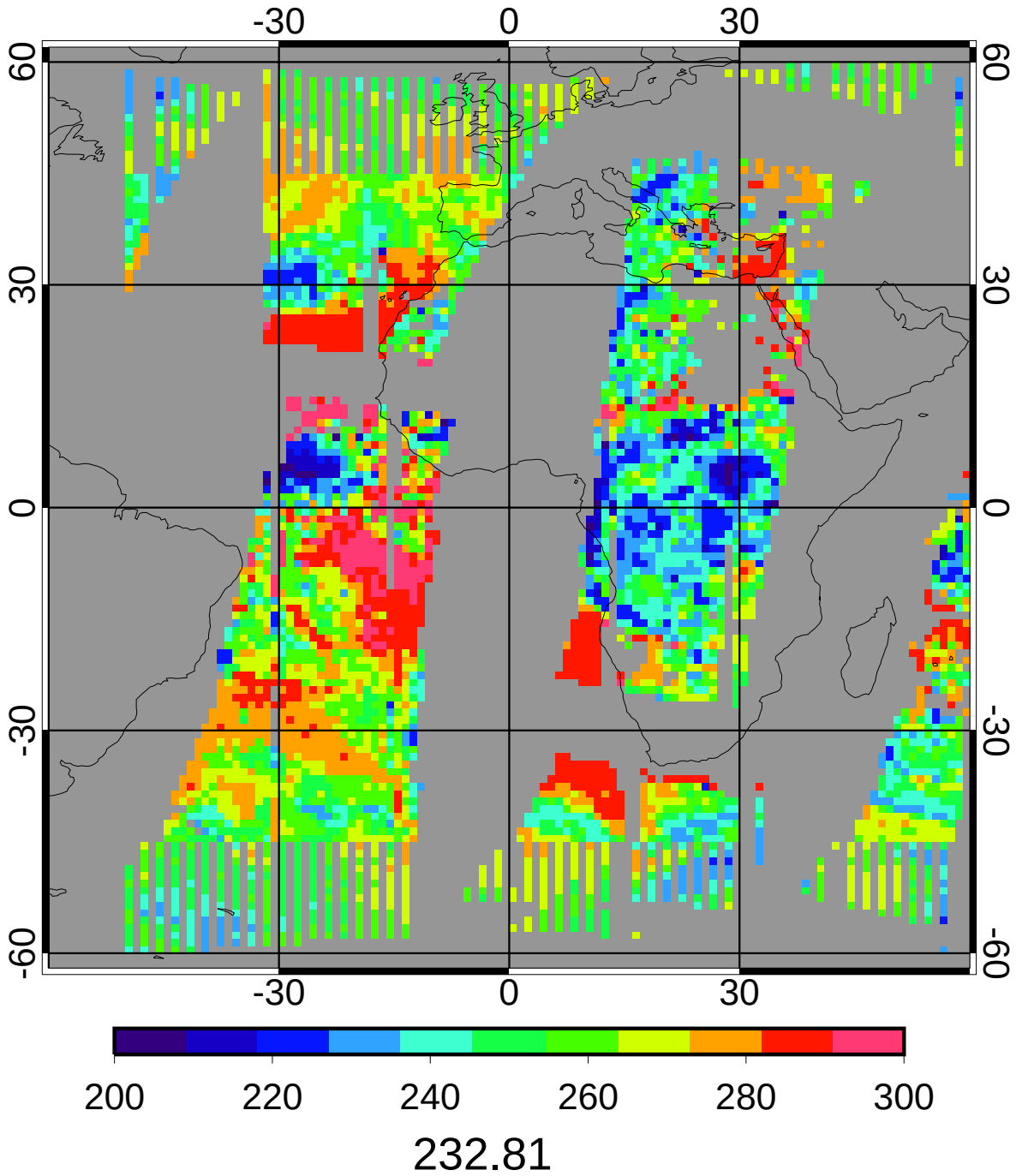
5ch_39cal Apr 2010



regave rms	9.45	17.51%
domain rms	14.27	26.42%

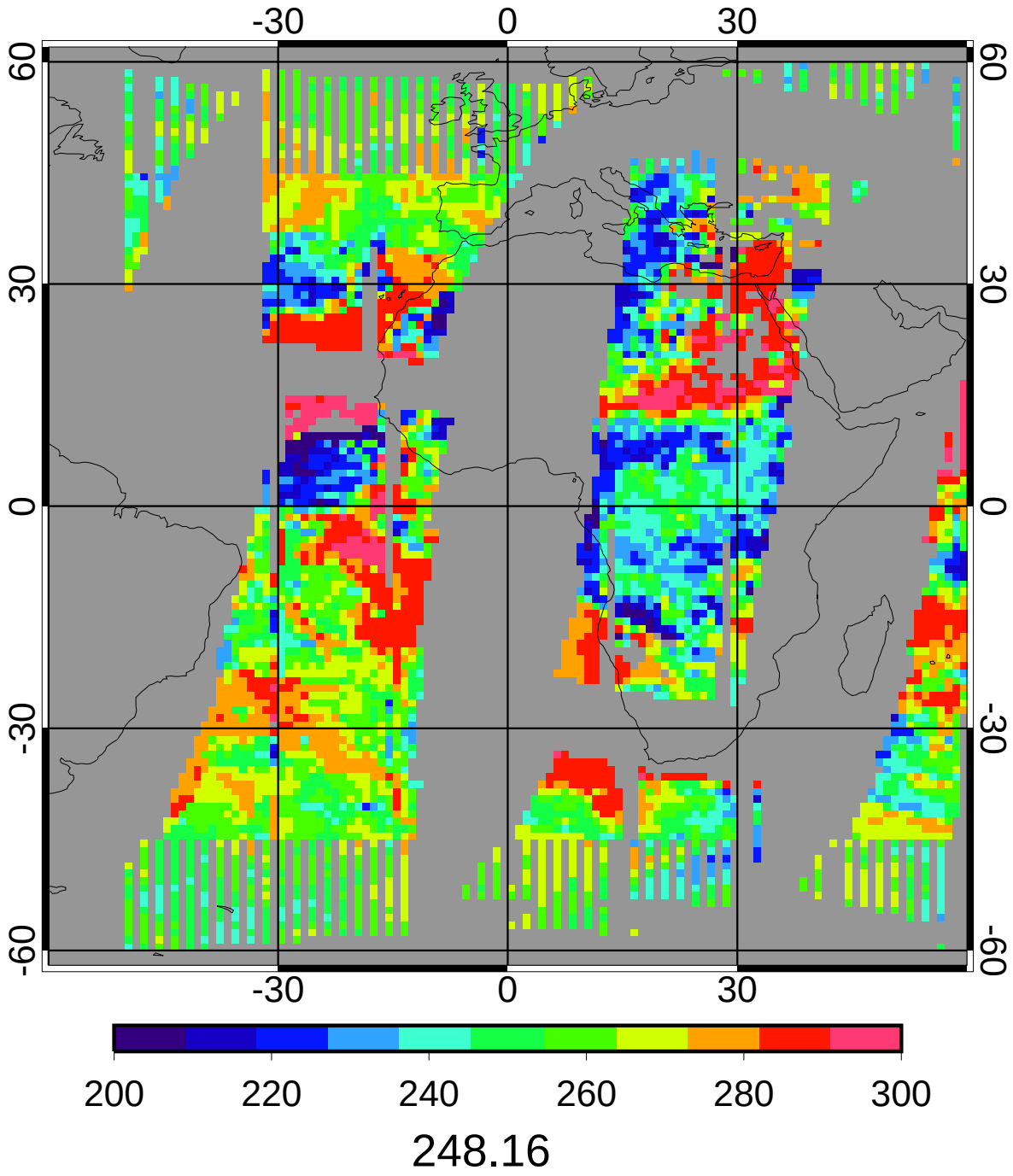
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_39cal Apr 2010



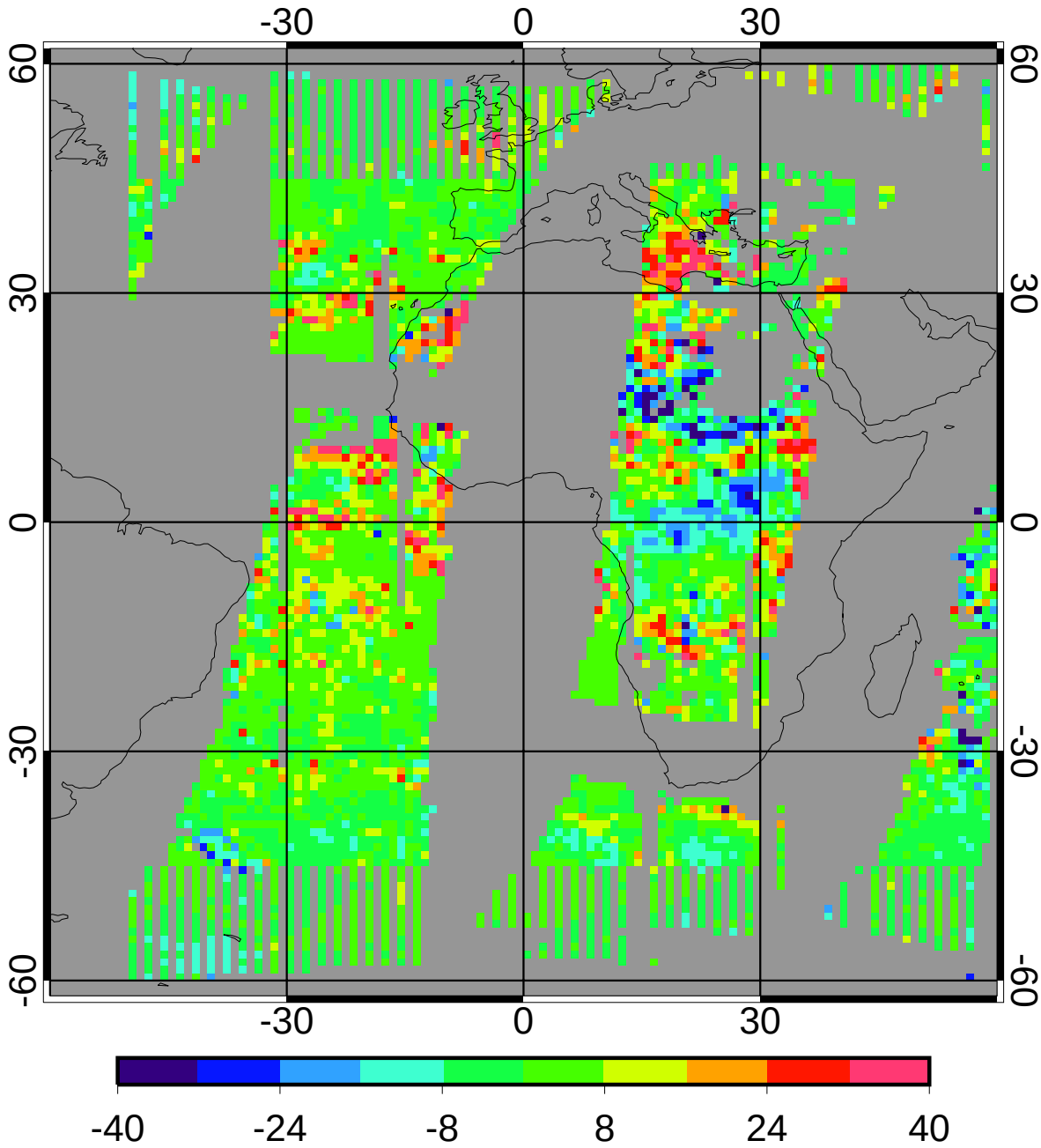
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

5ch_39cal Apr 2010



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

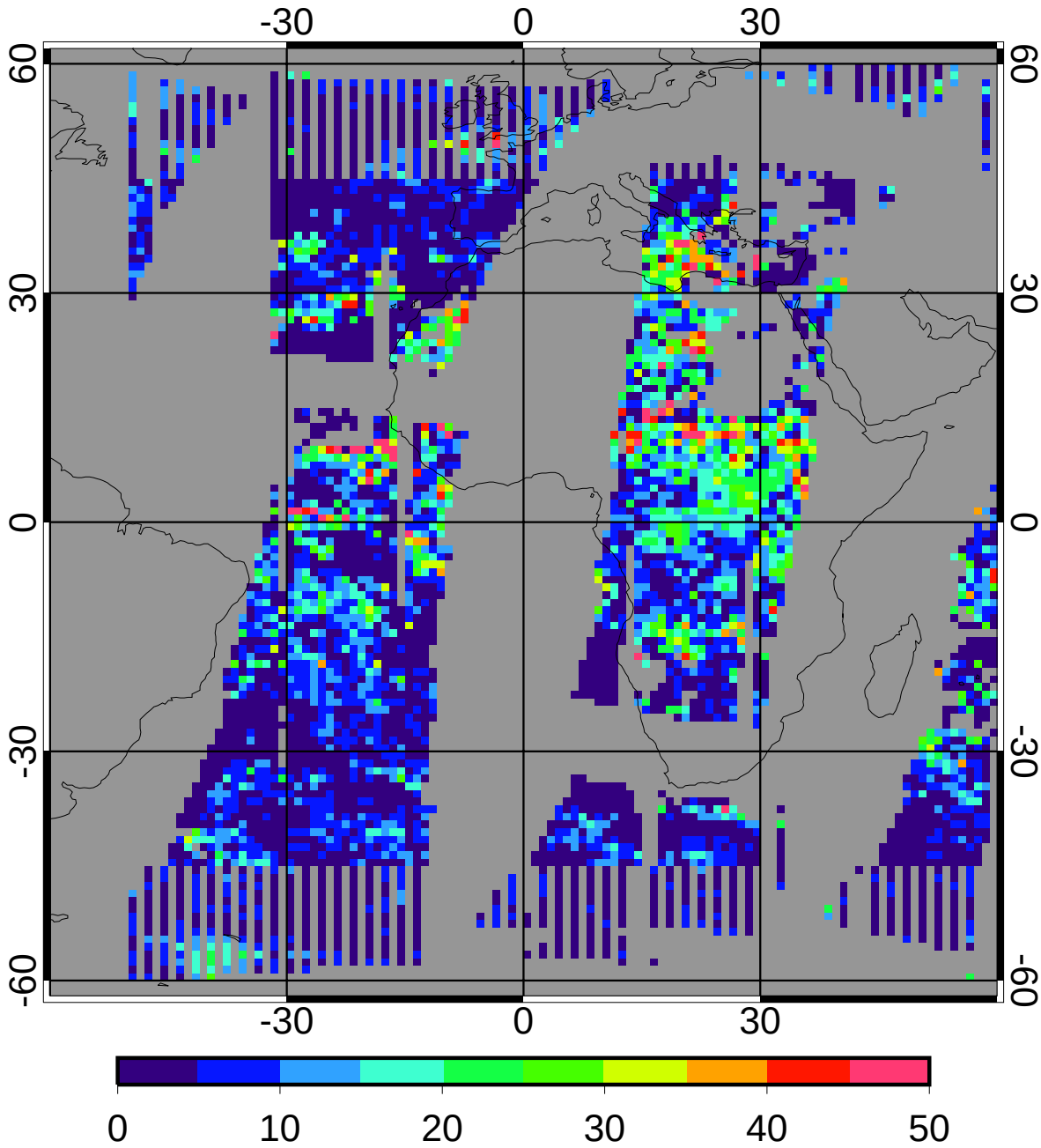
5ch_39cal Apr 2010



bias	2.15	0.87%
domain sigma	10.93	4.40%

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

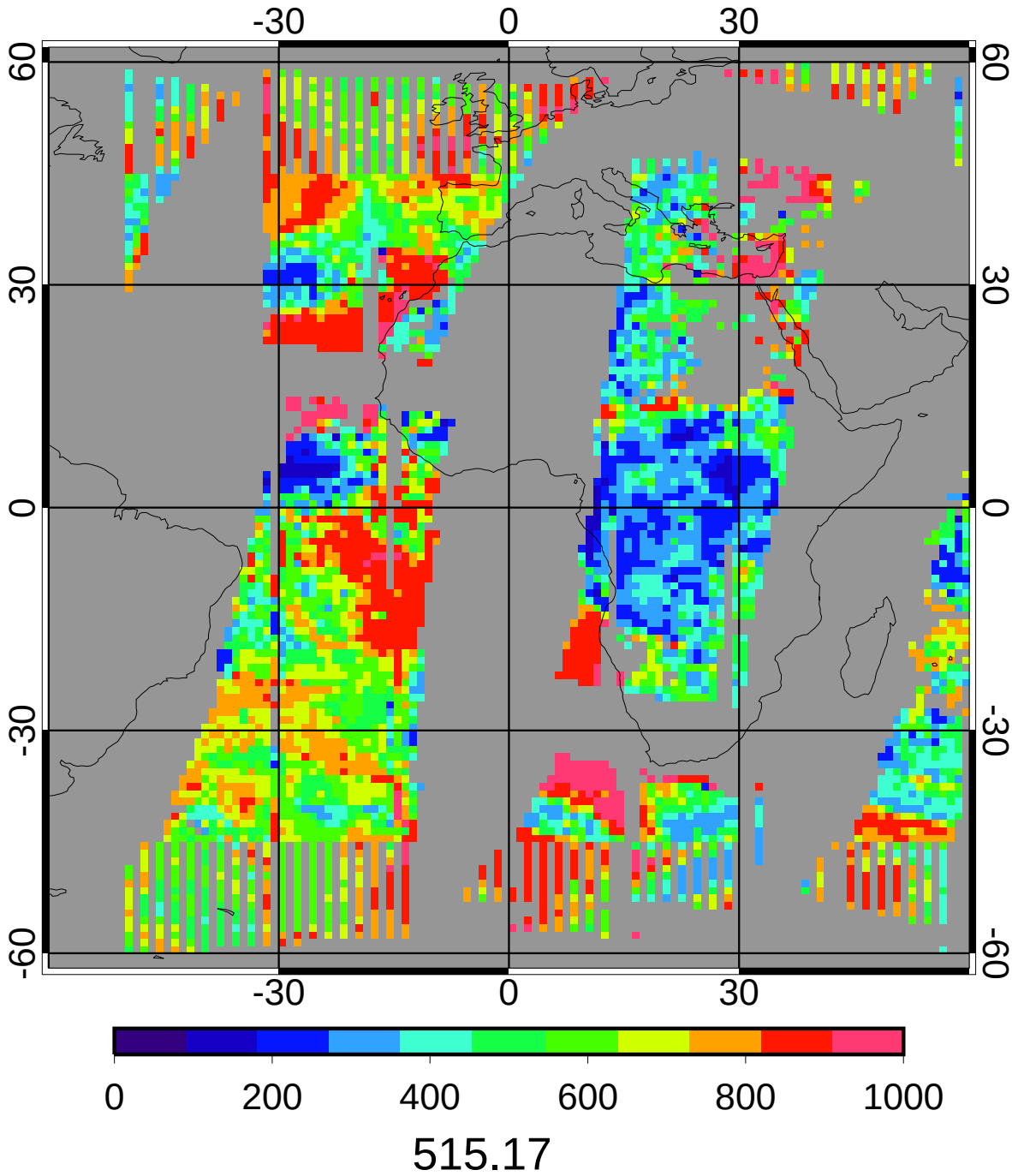
5ch_39cal Apr 2010



regave rms	8.14	3.28%
domain rms	12.13	4.89%

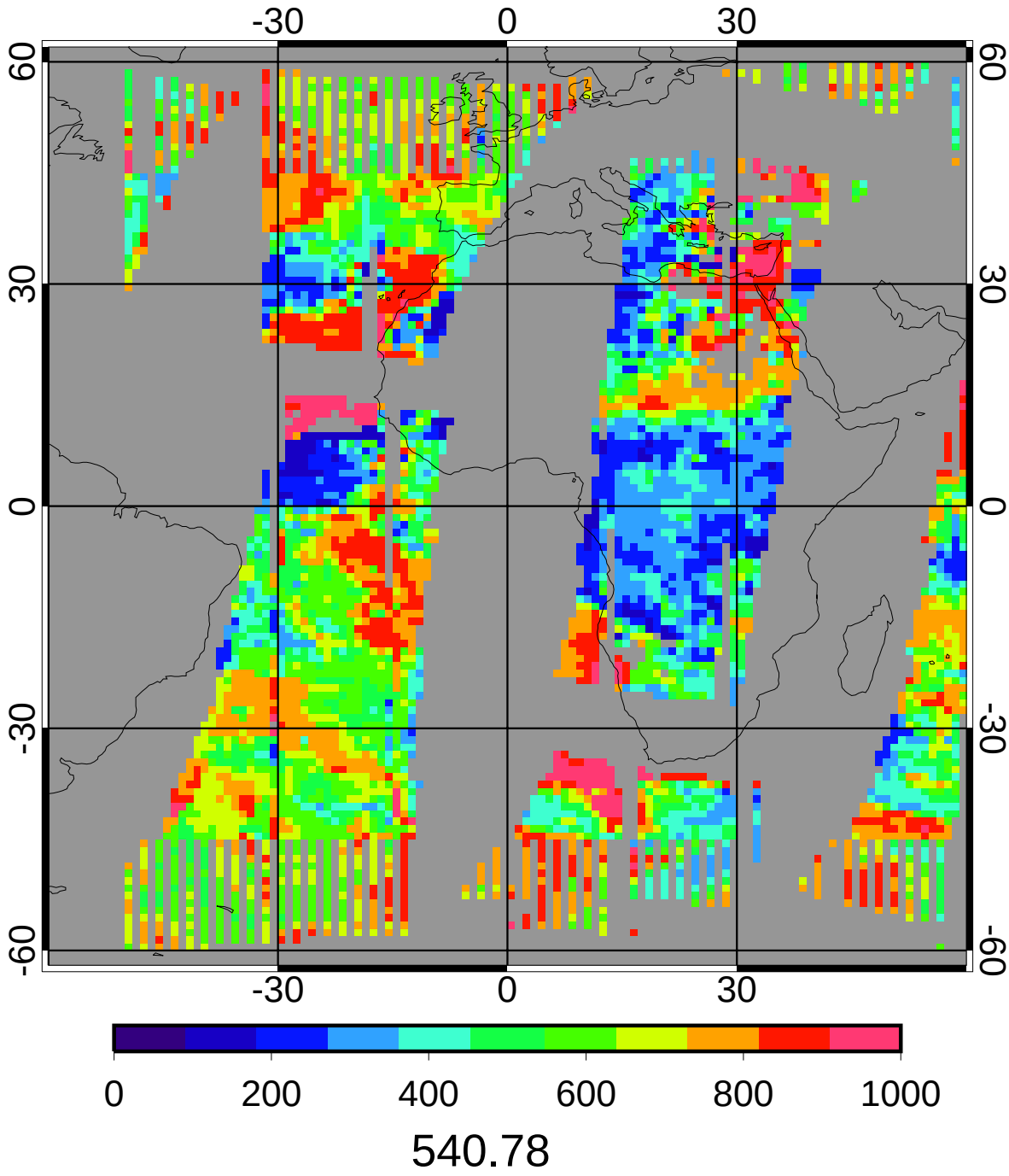
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



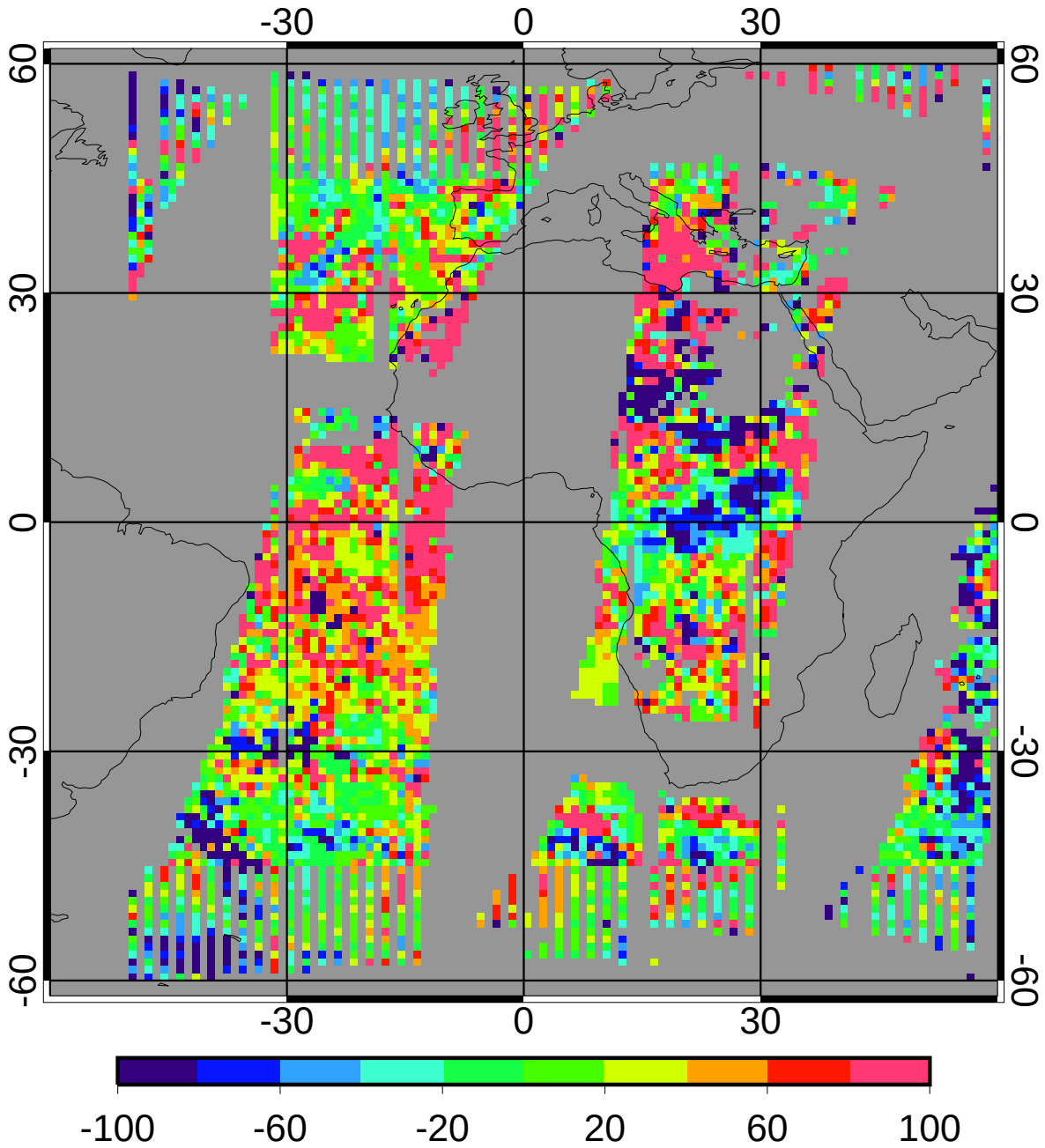
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



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

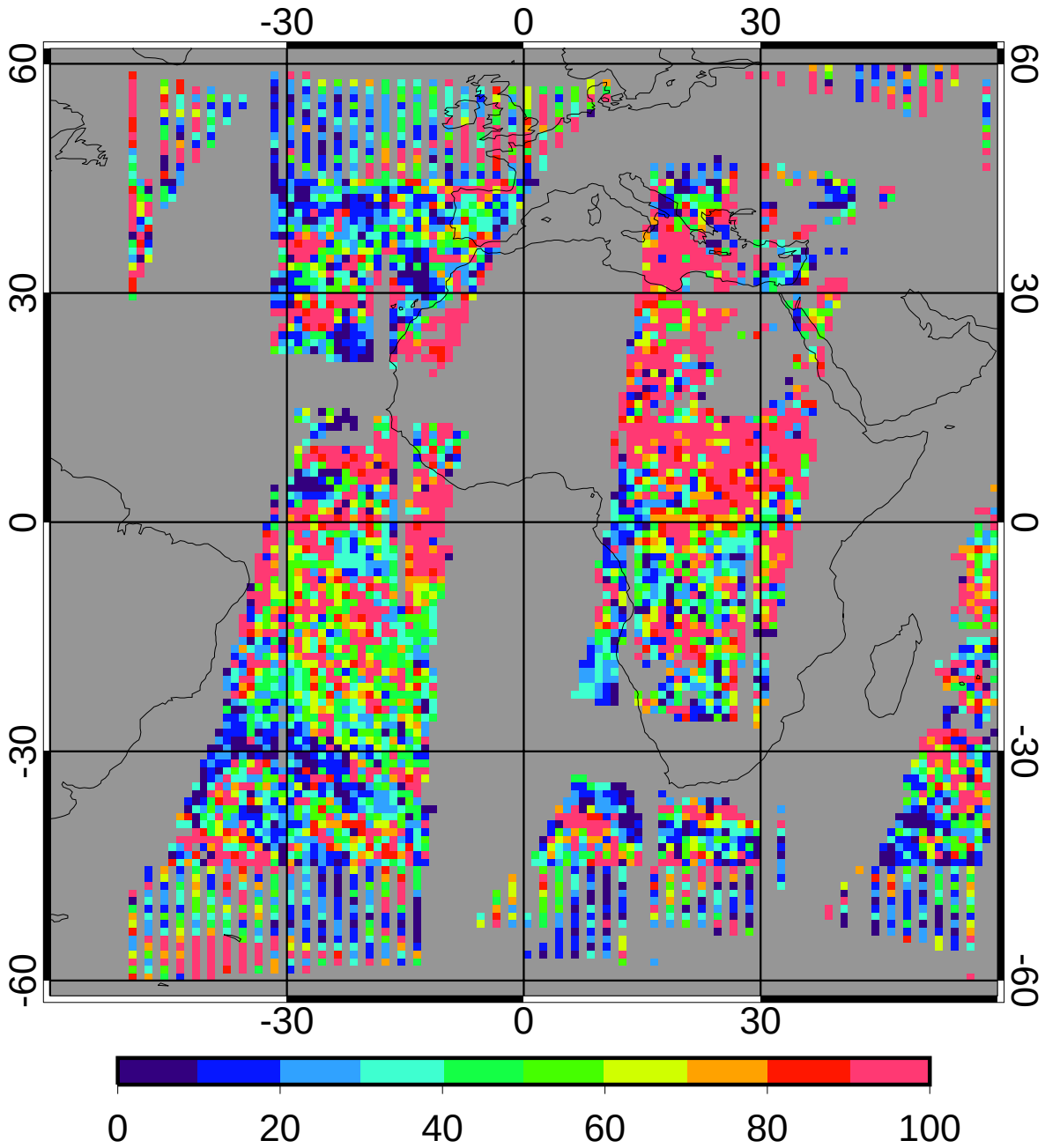
5ch_39cal Apr 2010



bias	21.34	3.95%
domain sigma	89.21	16.50%

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

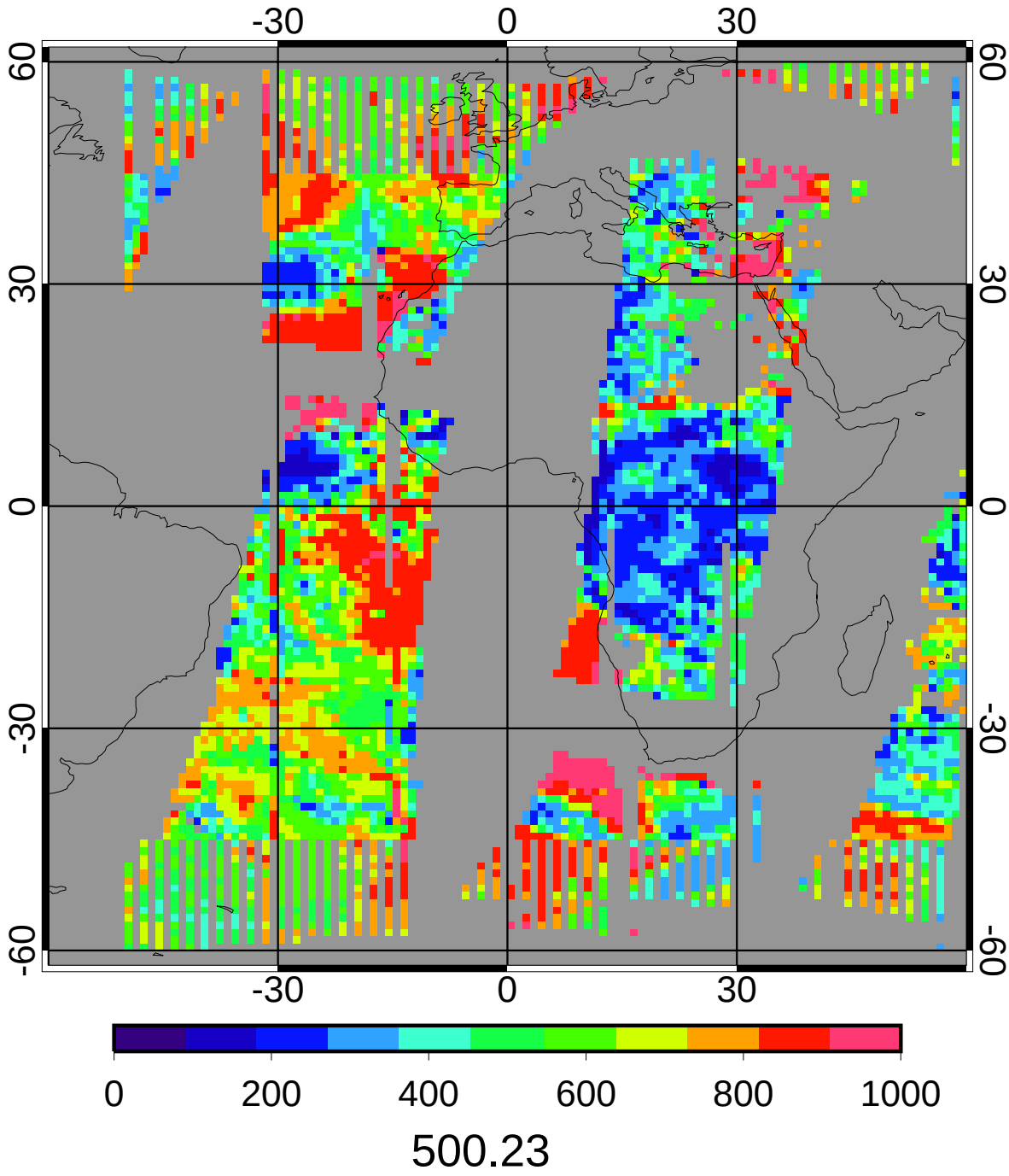
5ch_39cal Apr 2010



regave rms	66.87	12.37%
domain rms	95.92	17.74%

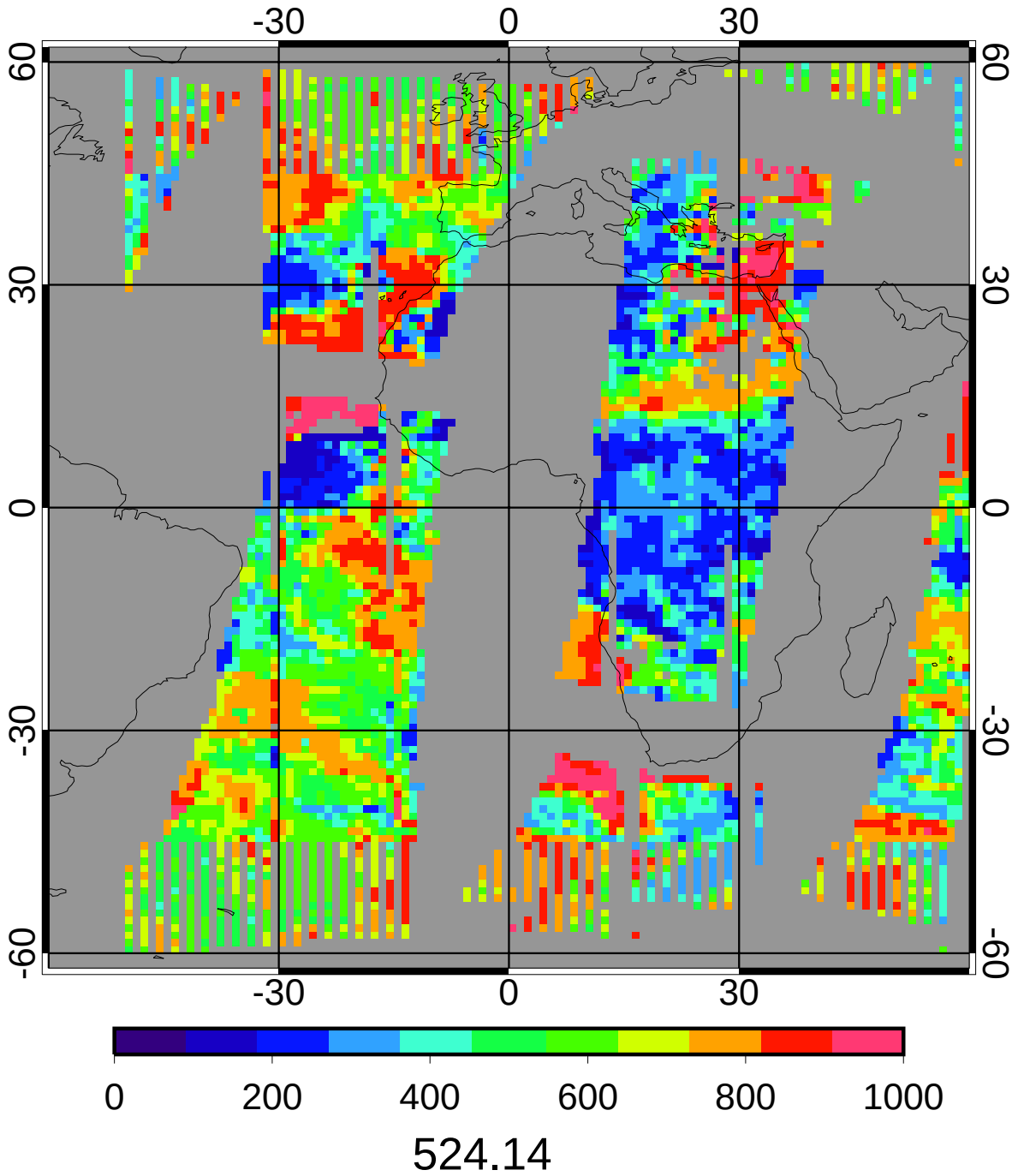
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



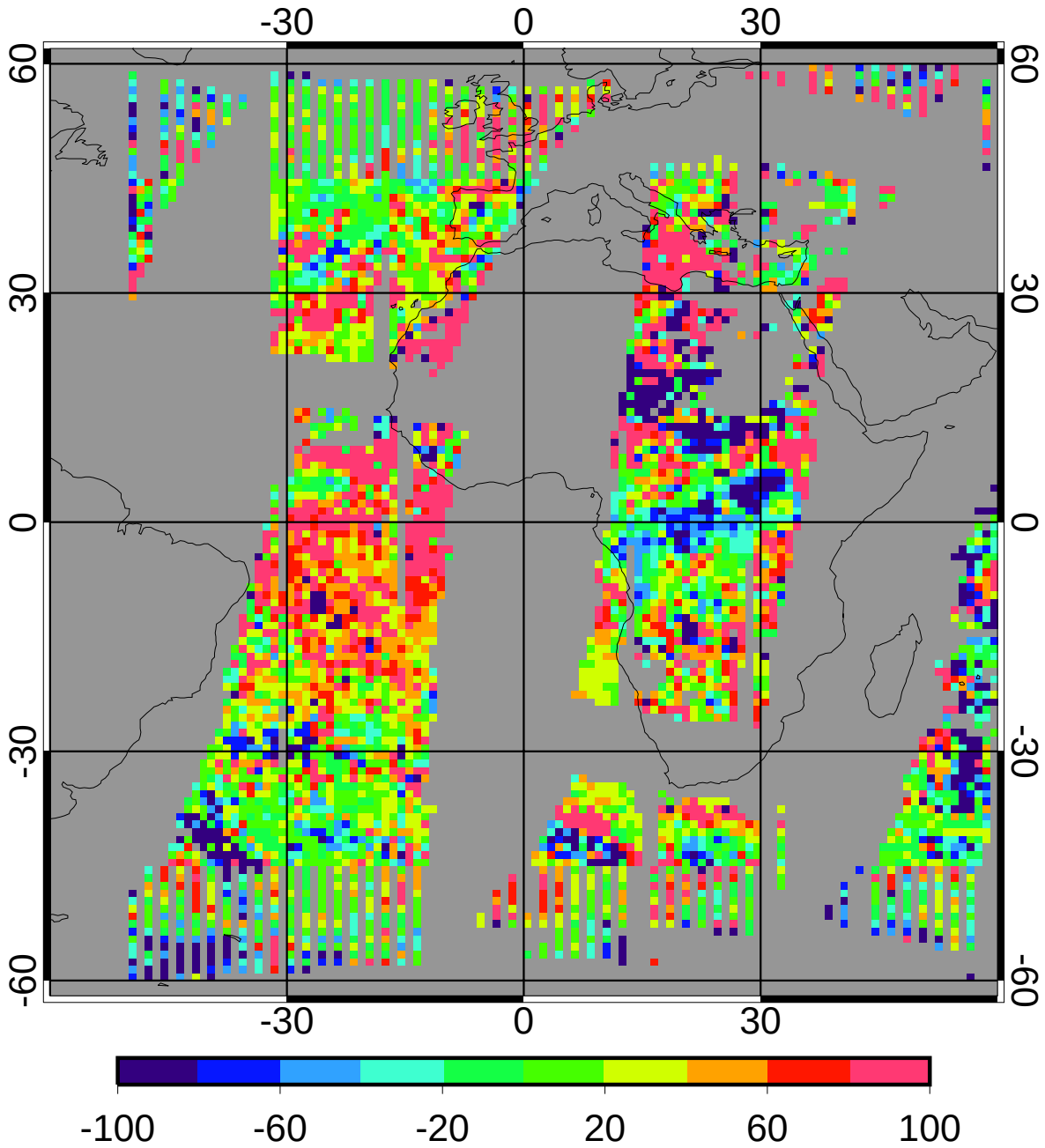
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



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

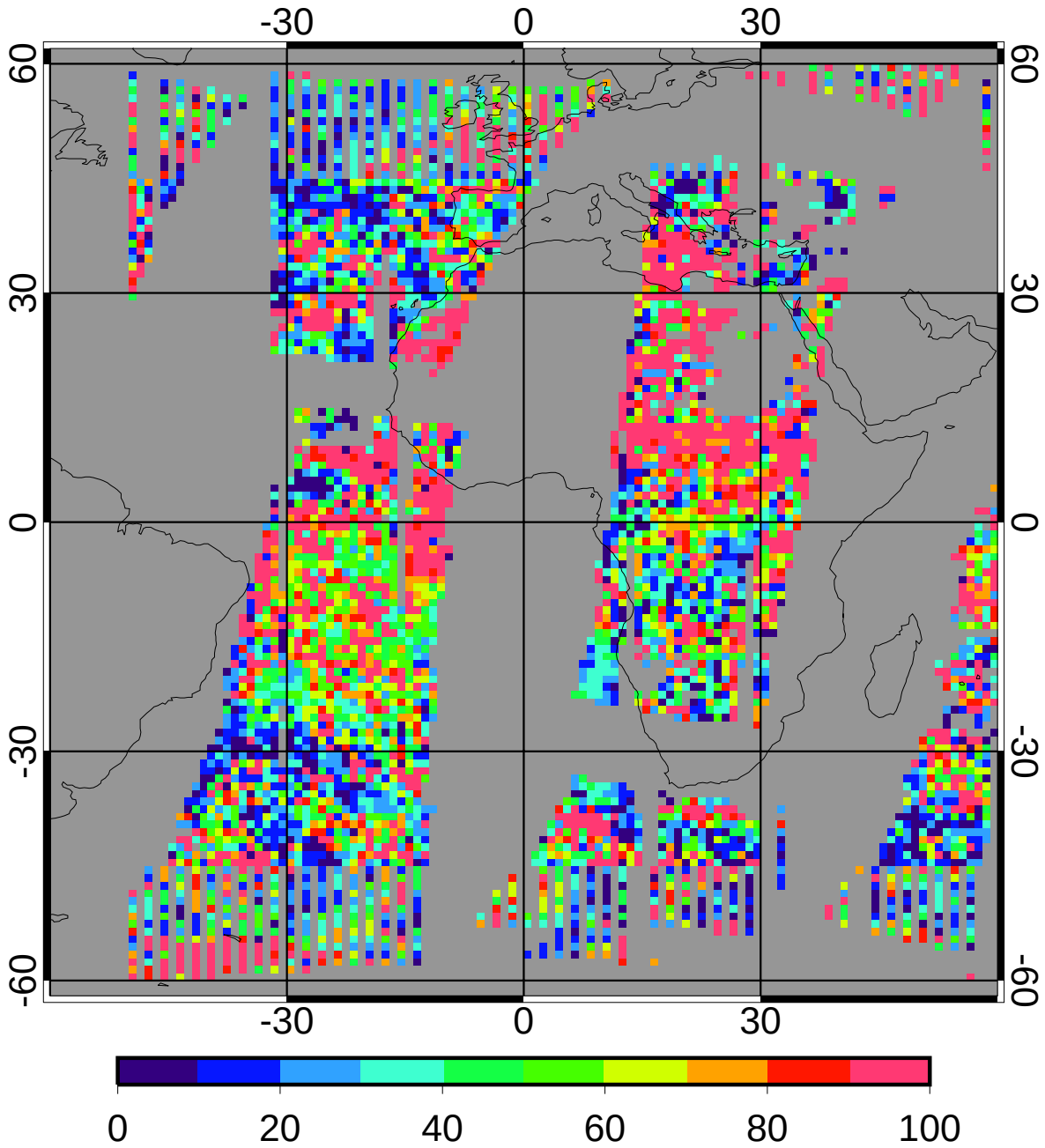
5ch_39cal Apr 2010



bias	22.55	4.30%
domain sigma	90.25	17.22%

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

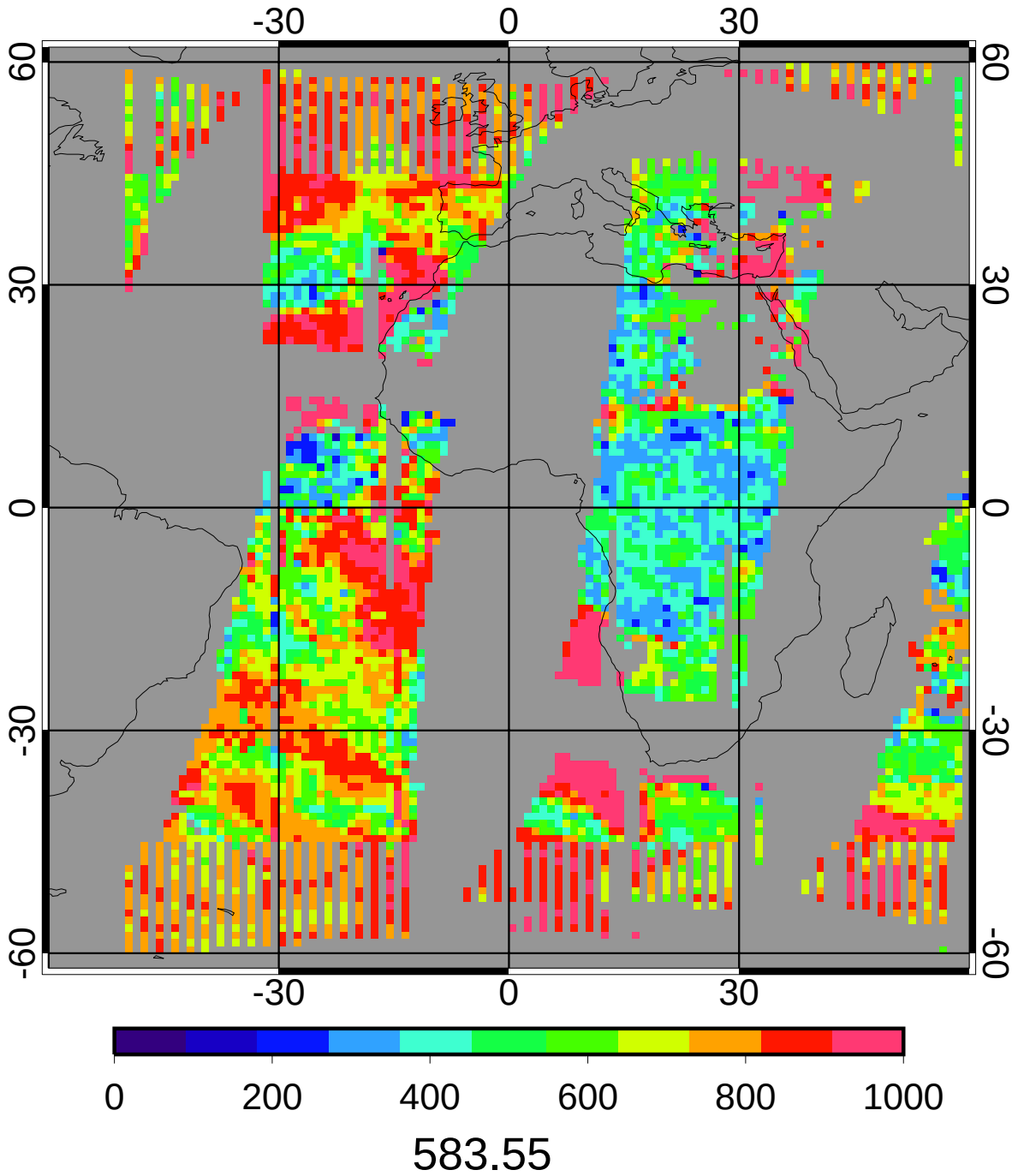
5ch_39cal Apr 2010



regave rms	67.46	12.87%
domain rms	96.57	18.42%

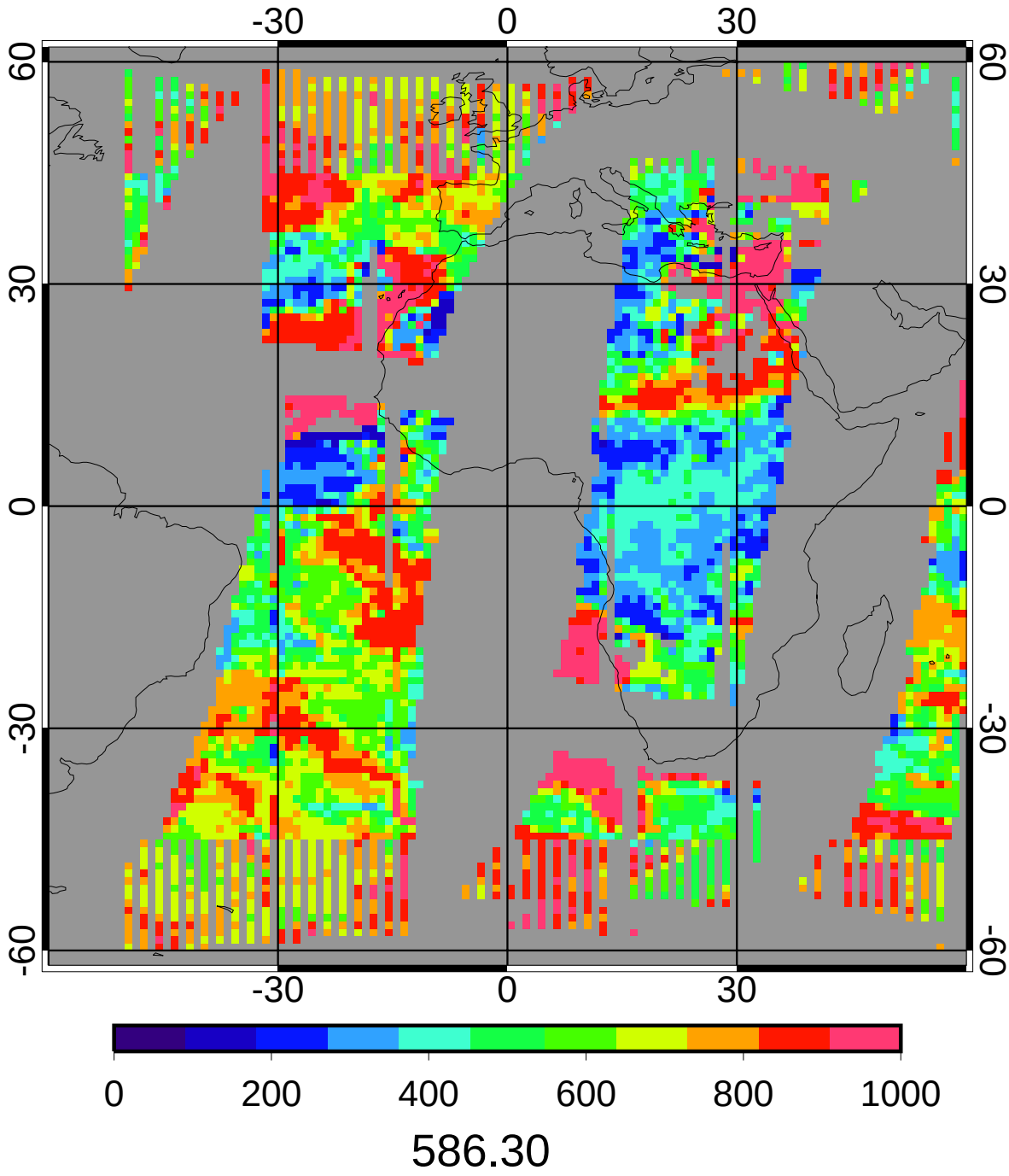
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



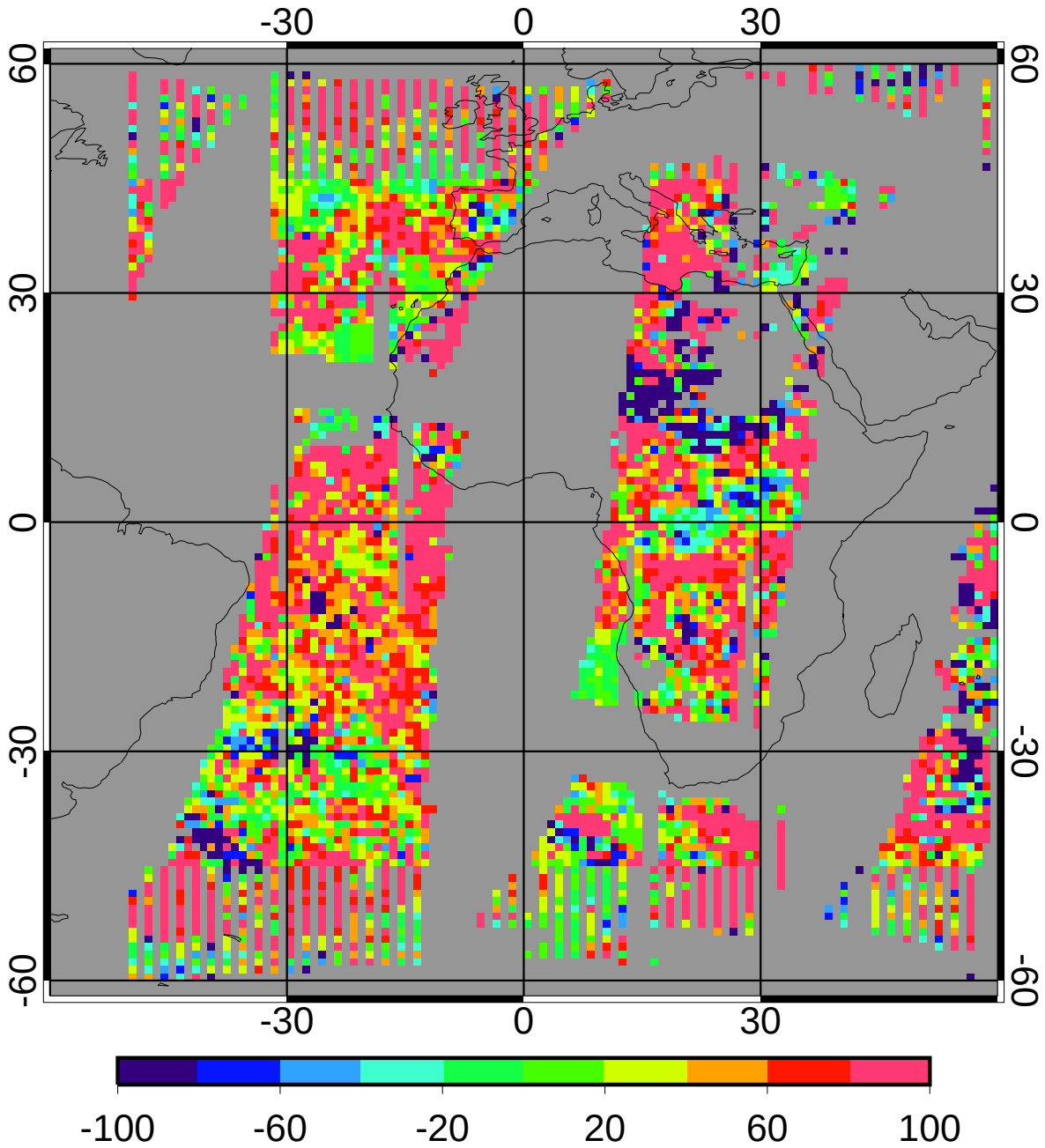
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



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

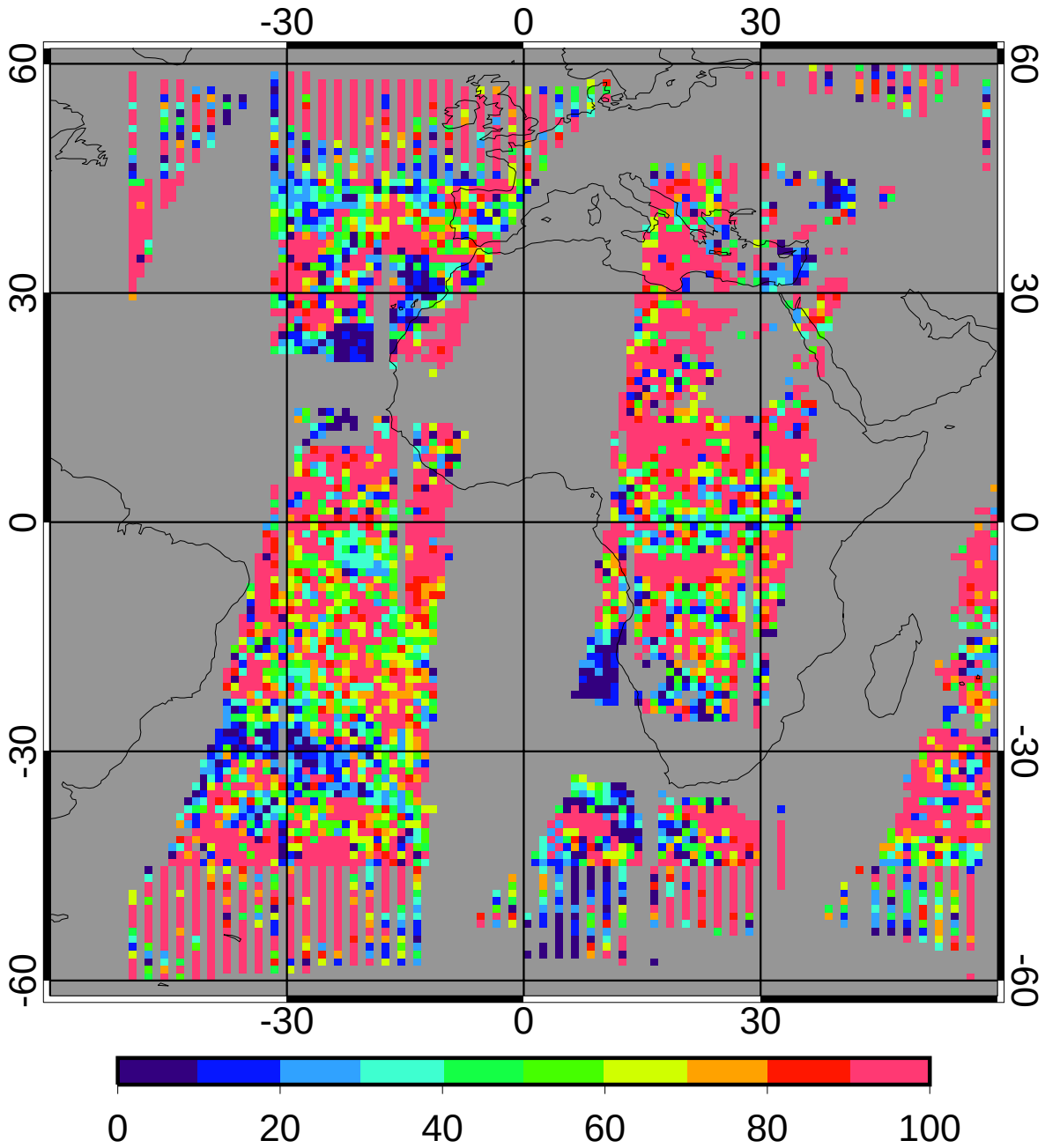
5ch_39cal Apr 2010



bias	46.87	7.99%
domain sigma	92.72	15.81%

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

5ch_39cal Apr 2010

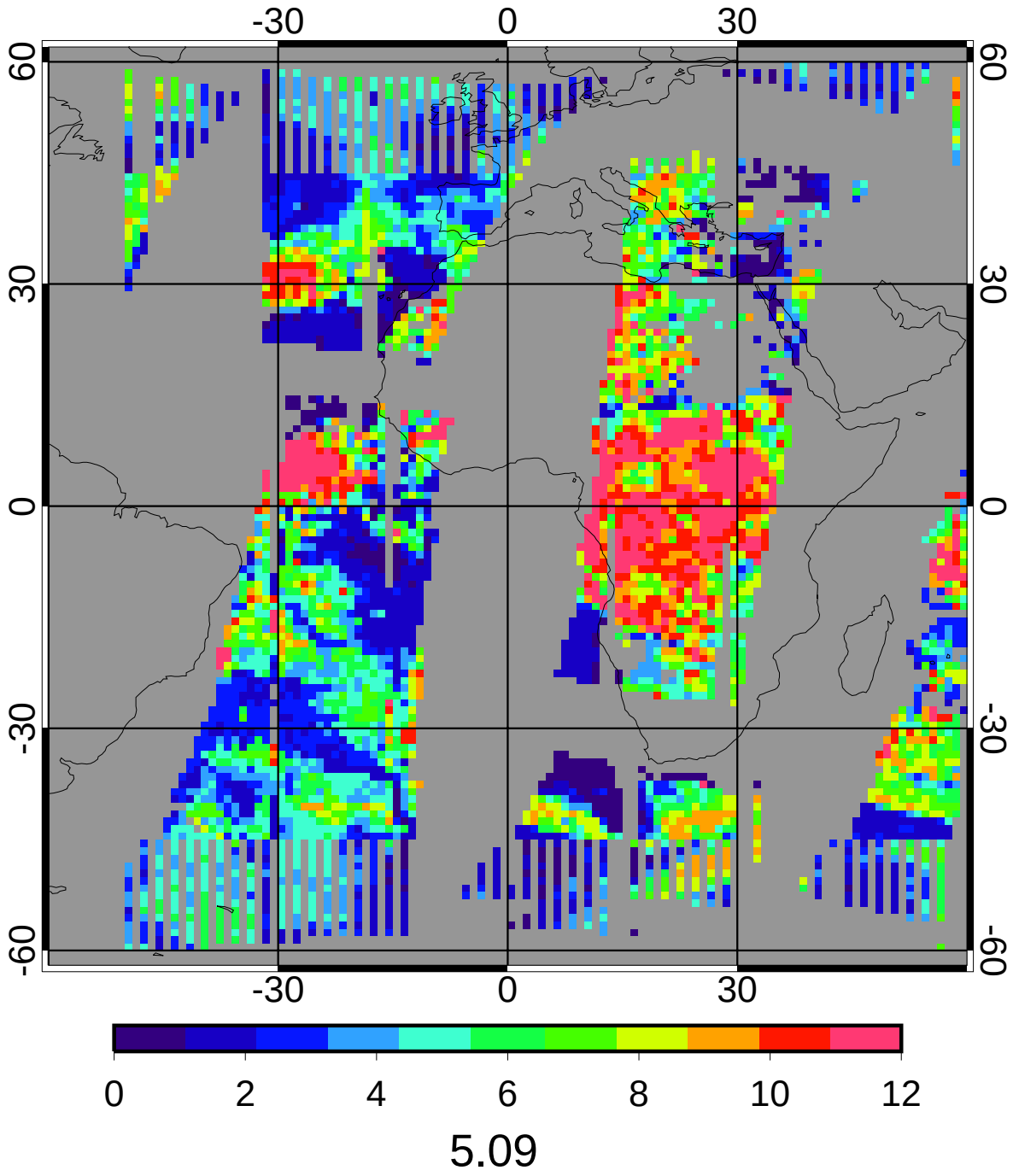


regave rms 83.71 14.28%

domain rms 111.27 18.98%

GGEO MEAN Nighttime Cloud Eff Height (km)

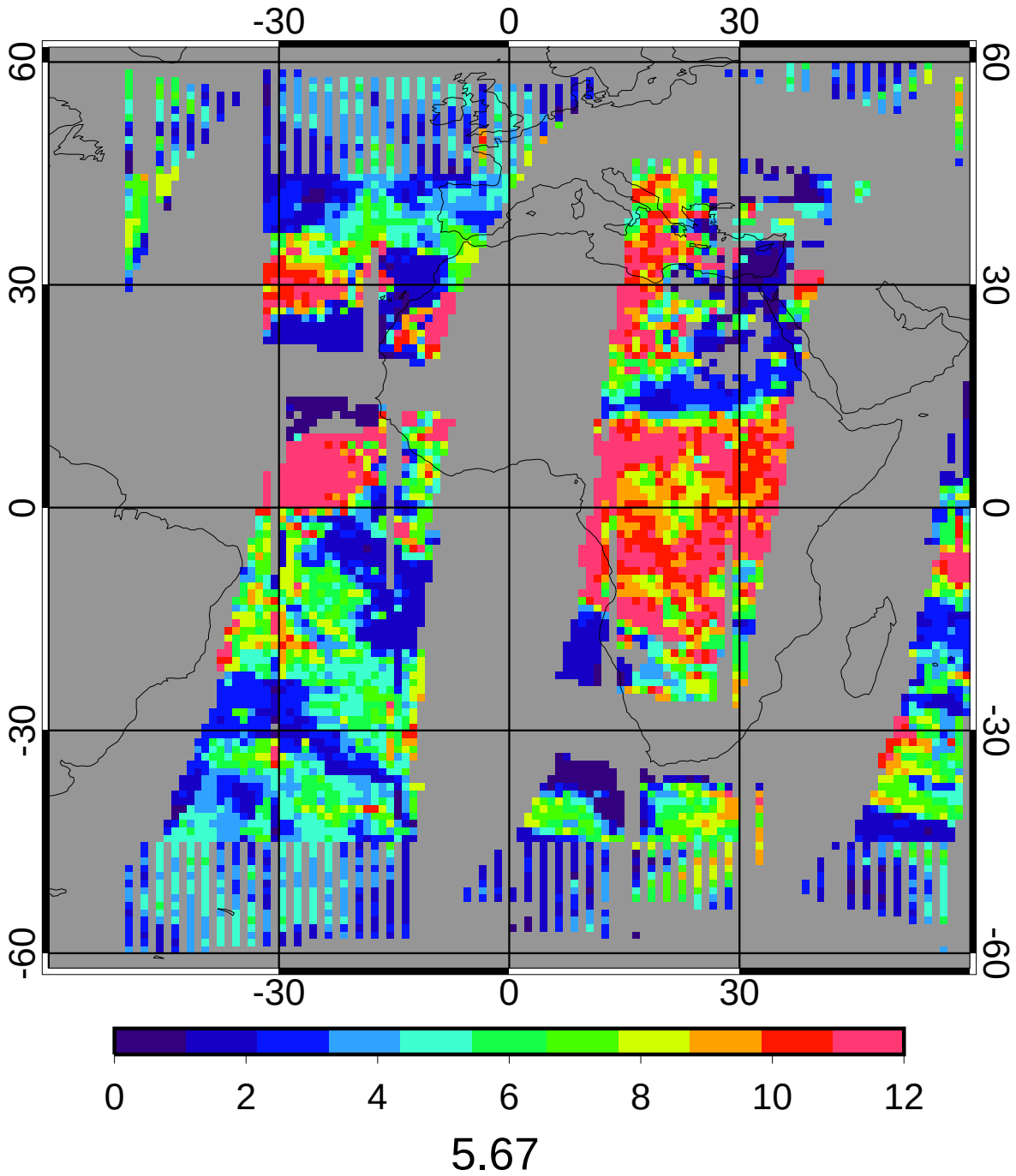
5ch_39cal Apr 2010



5.09

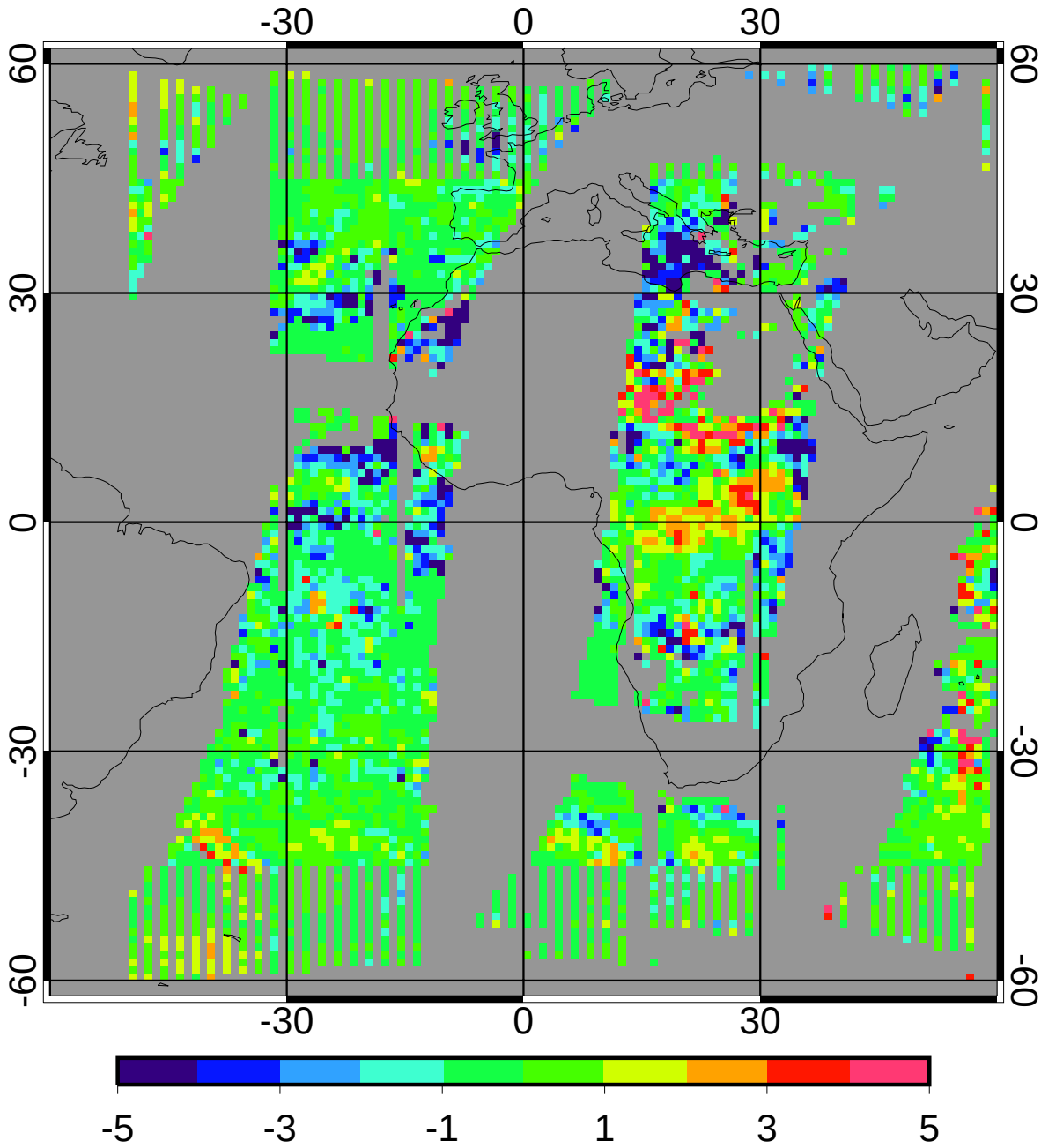
CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Apr 2010



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

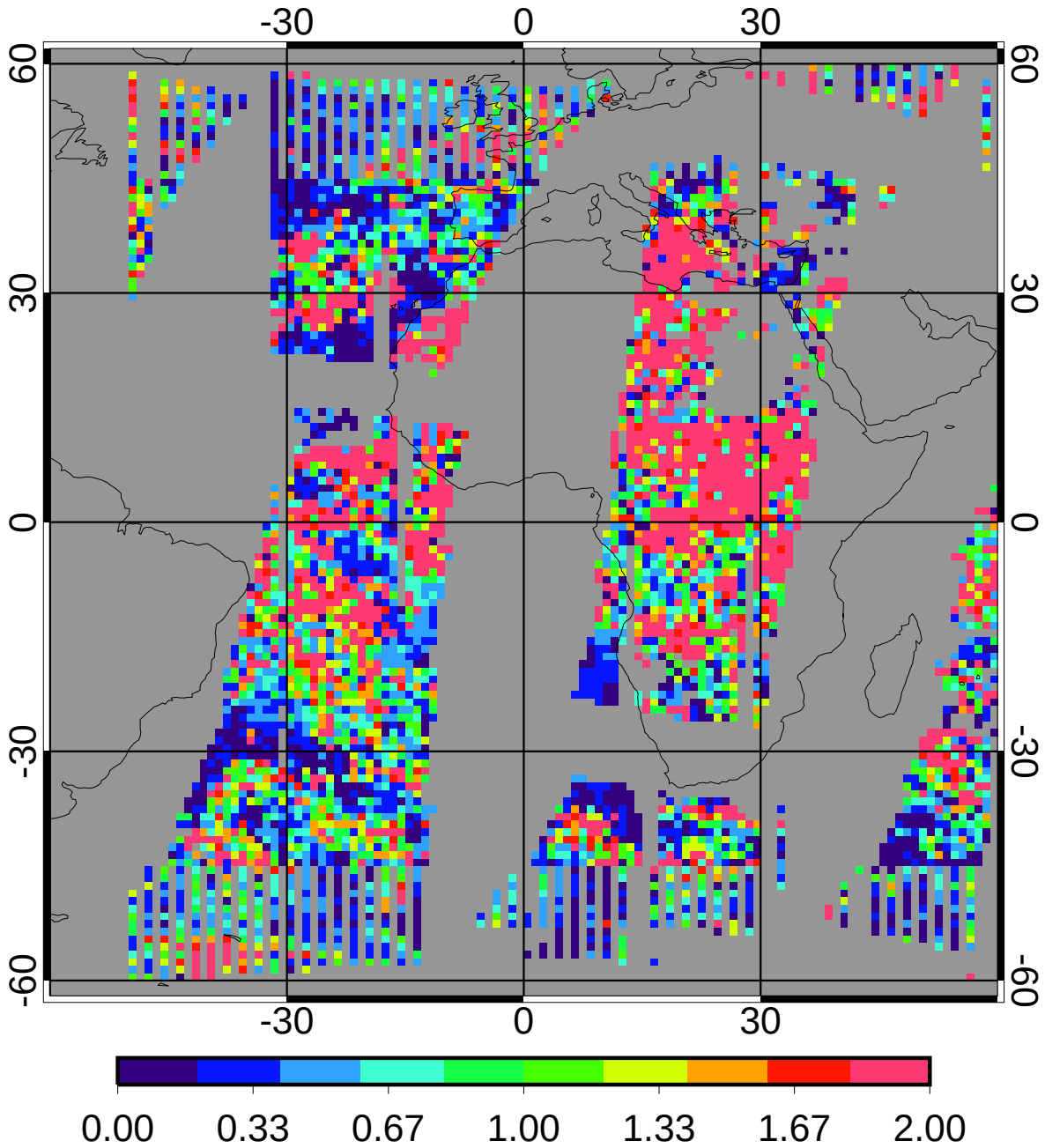
5ch_39cal Apr 2010



bias	-0.40	-6.97%
domain sigma	1.65	29.02%

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

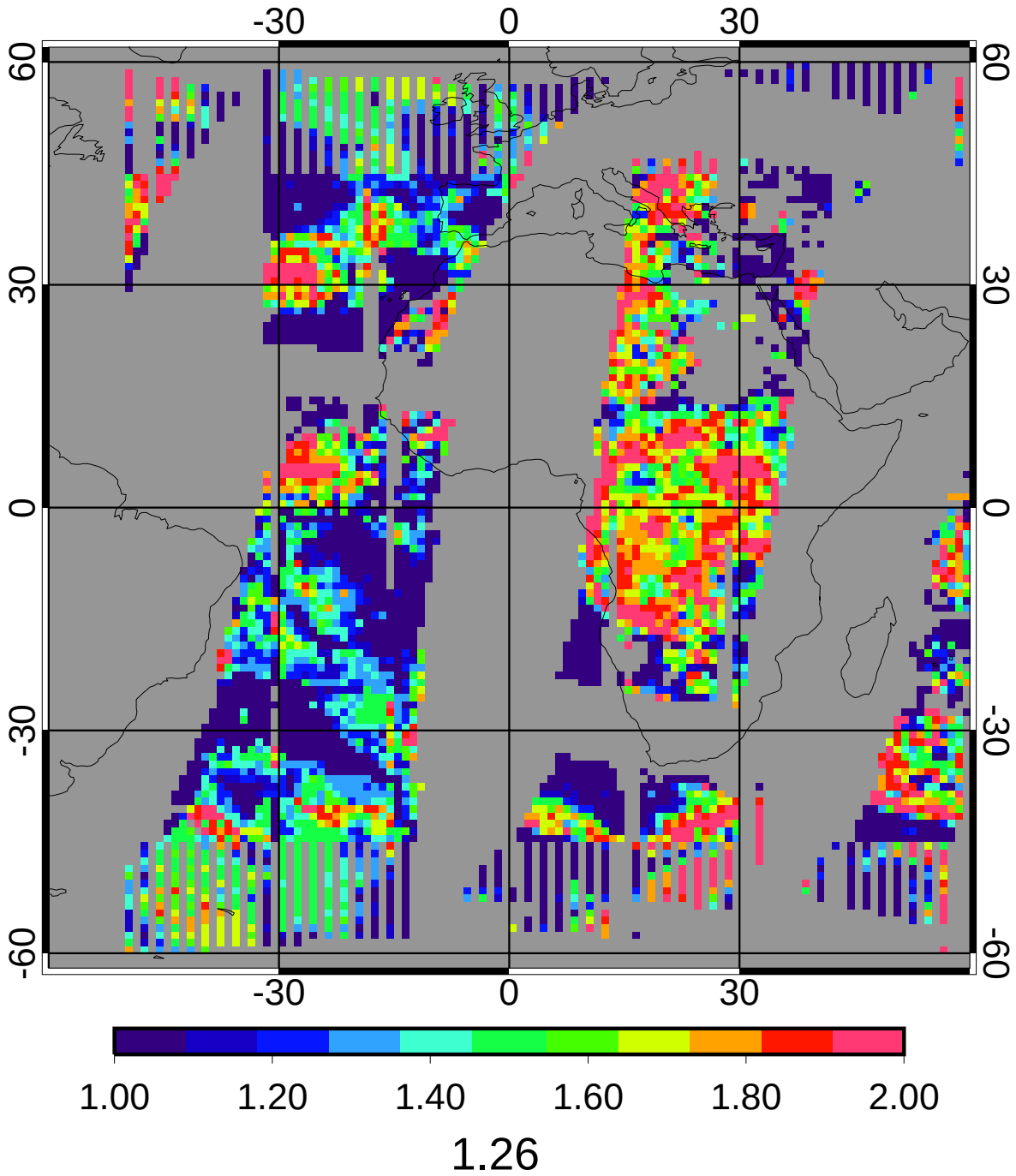
5ch_39cal Apr 2010



regave rms	1.23	21.71%
domain rms	1.82	32.03%

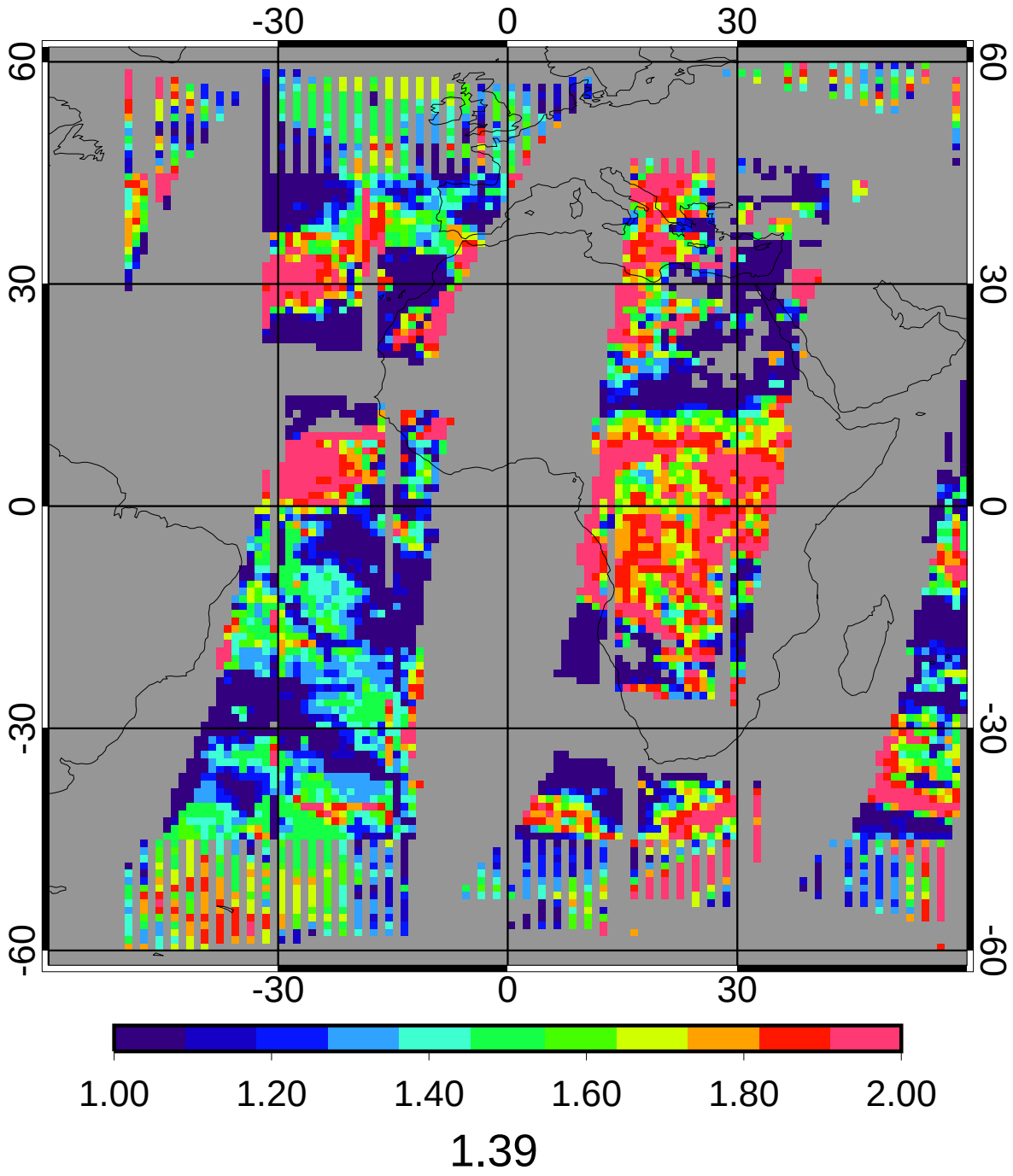
GGEO MEAN Nighttime Cloud Phase

5ch_39cal Apr 2010



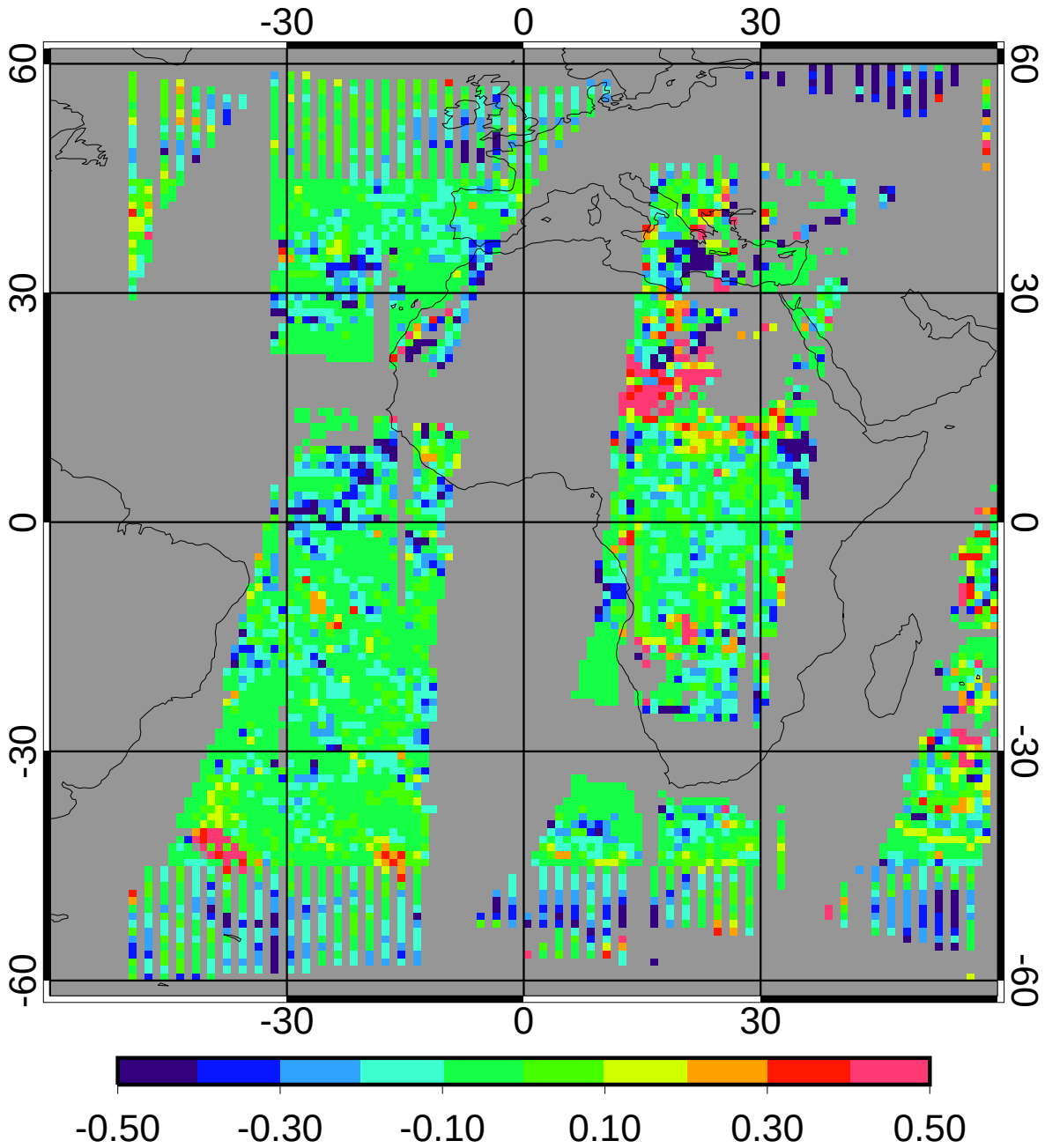
CERES/Aqua MEAN Nighttime Cloud Phase

5ch_39cal Apr 2010



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

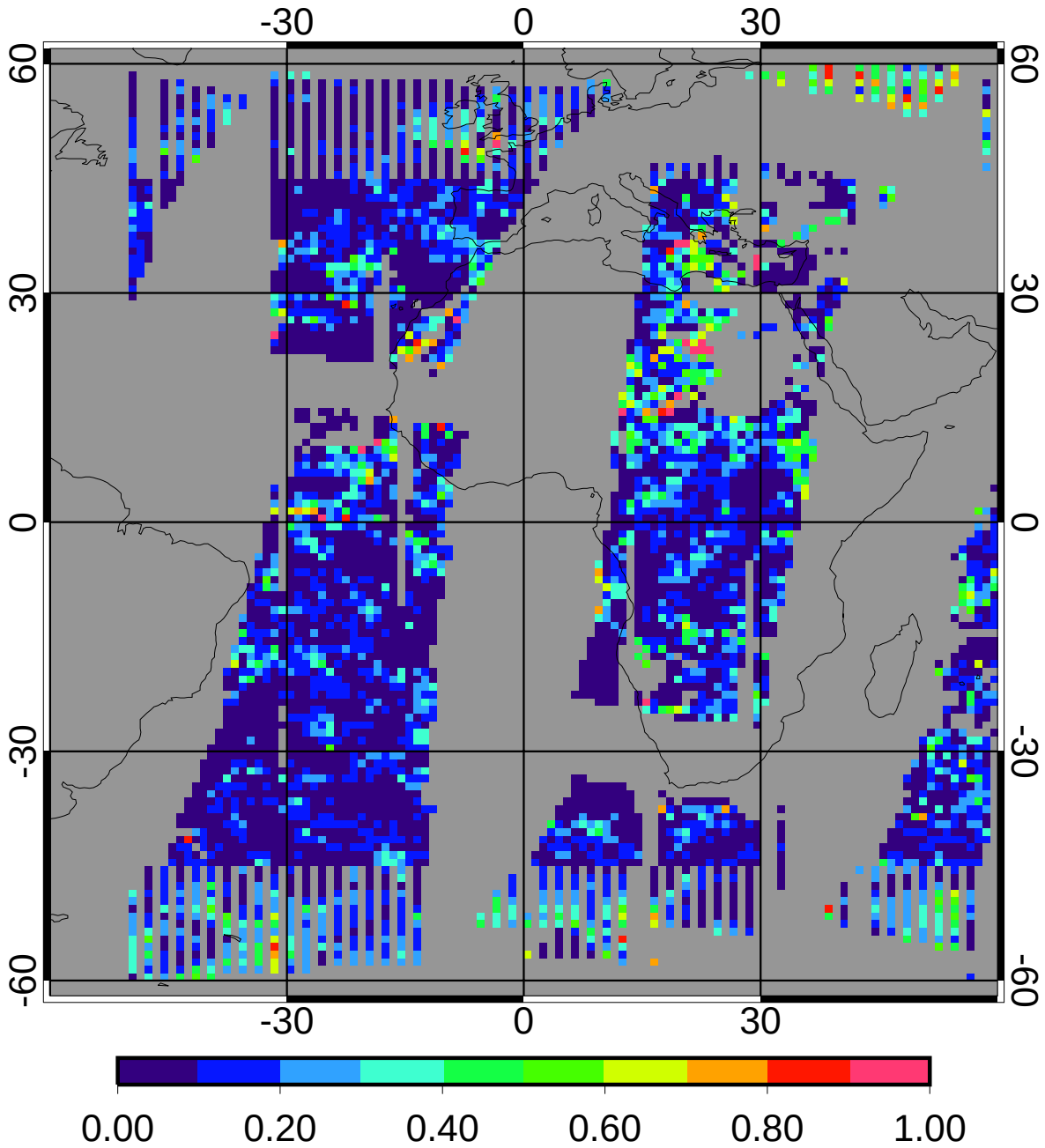
5ch_39cal Apr 2010



bias	-0.06	-4.03%
domain sigma	0.17	12.00%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

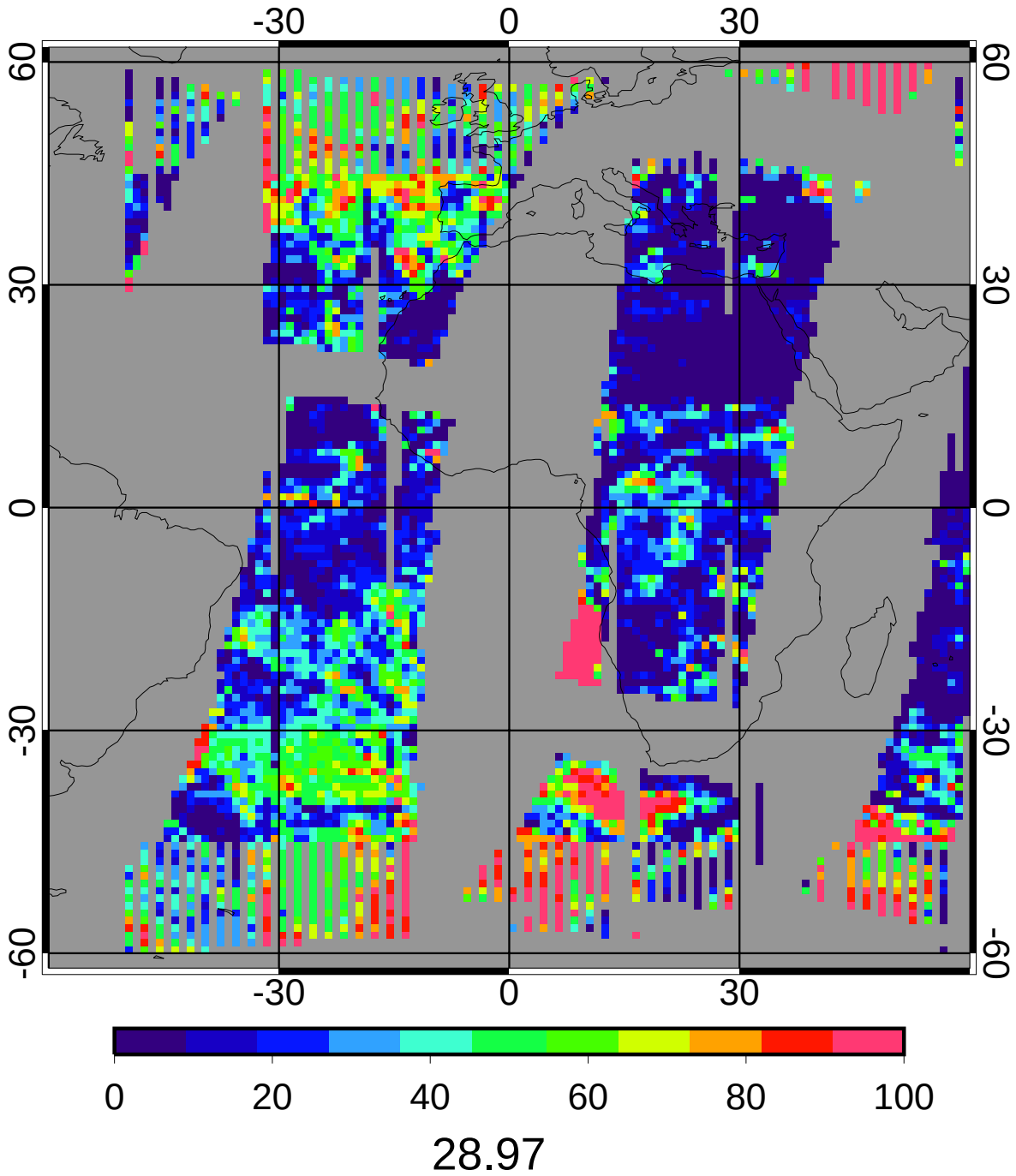
5ch_39cal Apr 2010



regave rms	0.13	9.09%
domain rms	0.18	13.27%

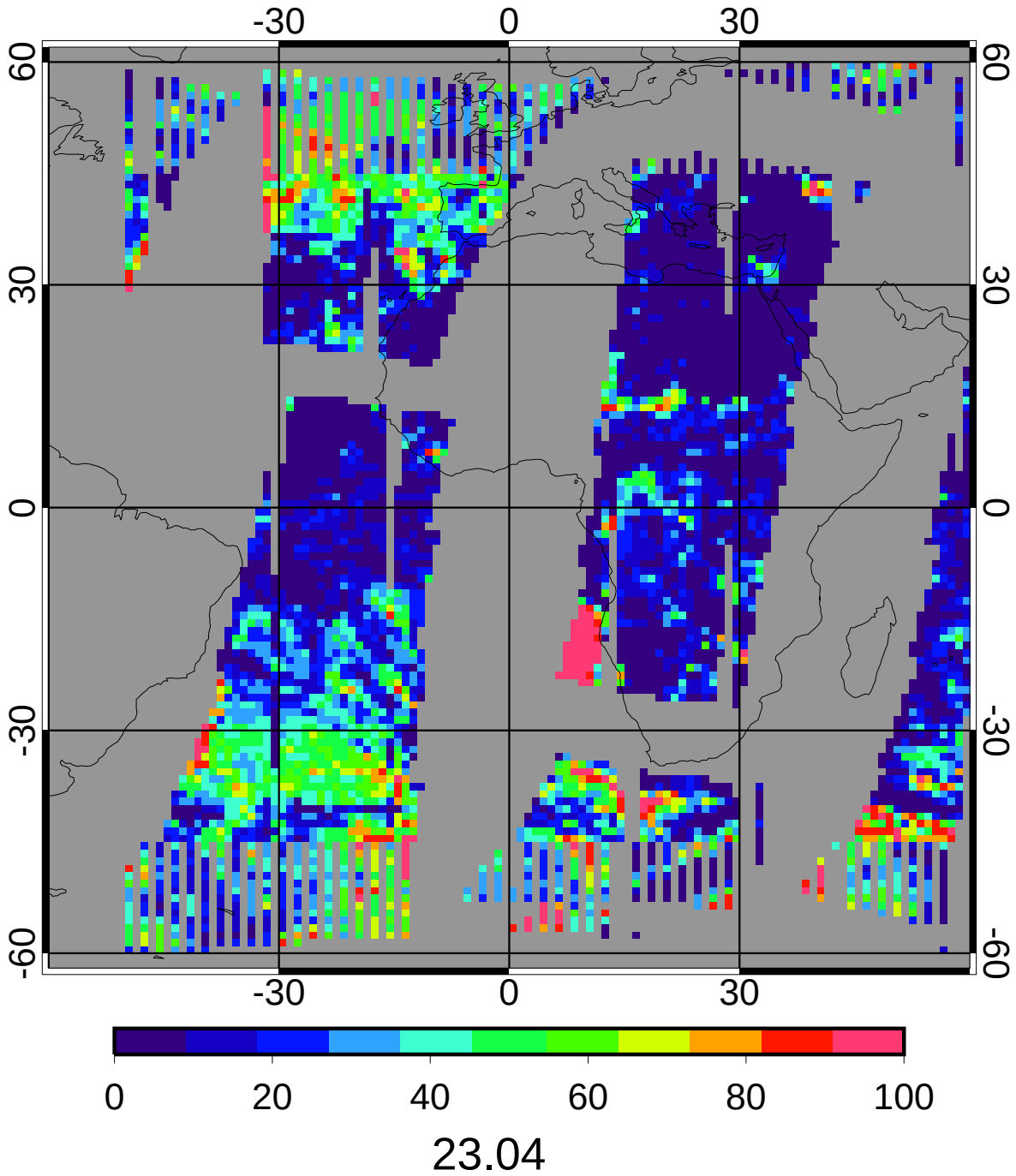
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Apr 2010



CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

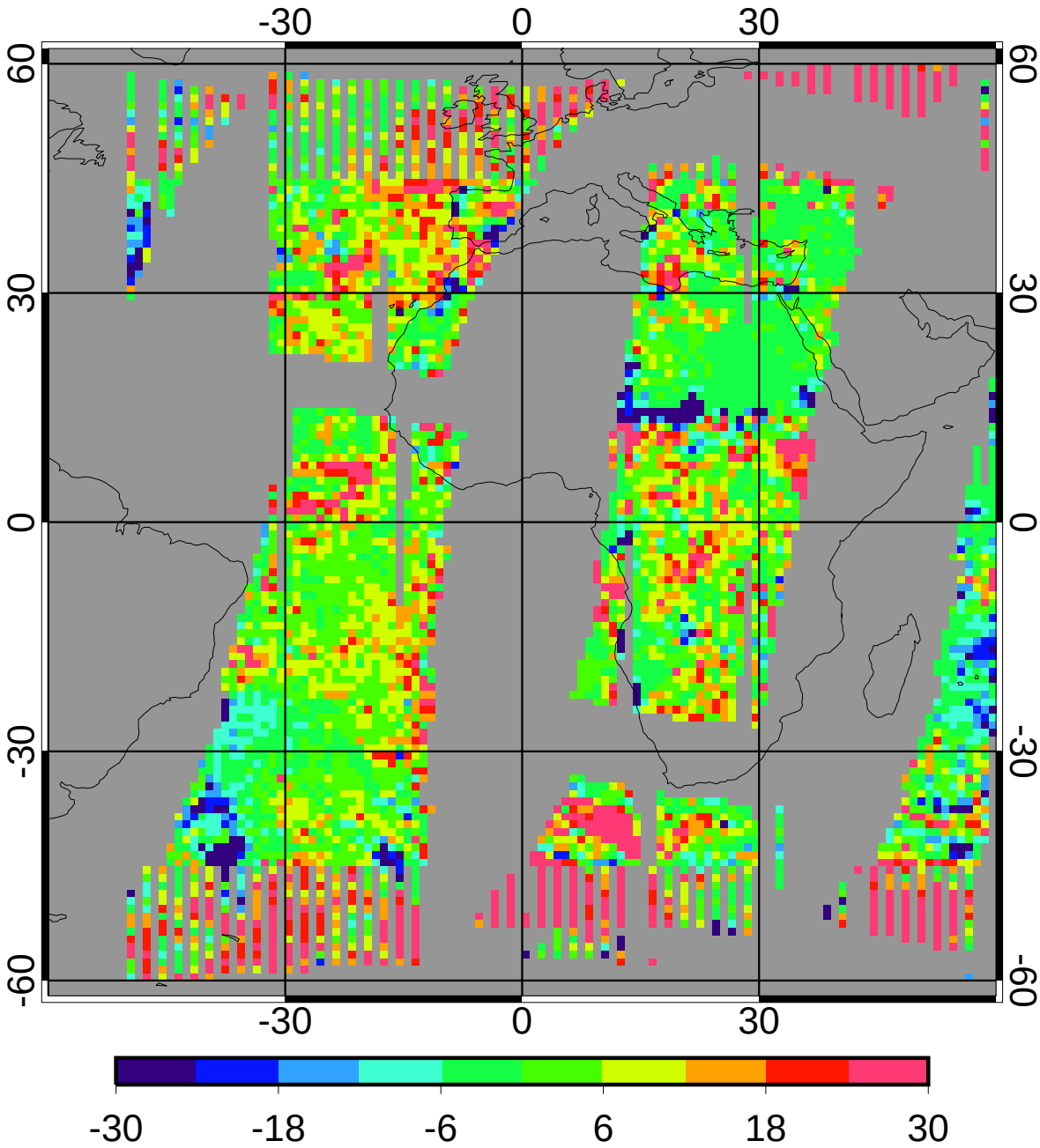
5ch_39cal Apr 2010



23.04

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

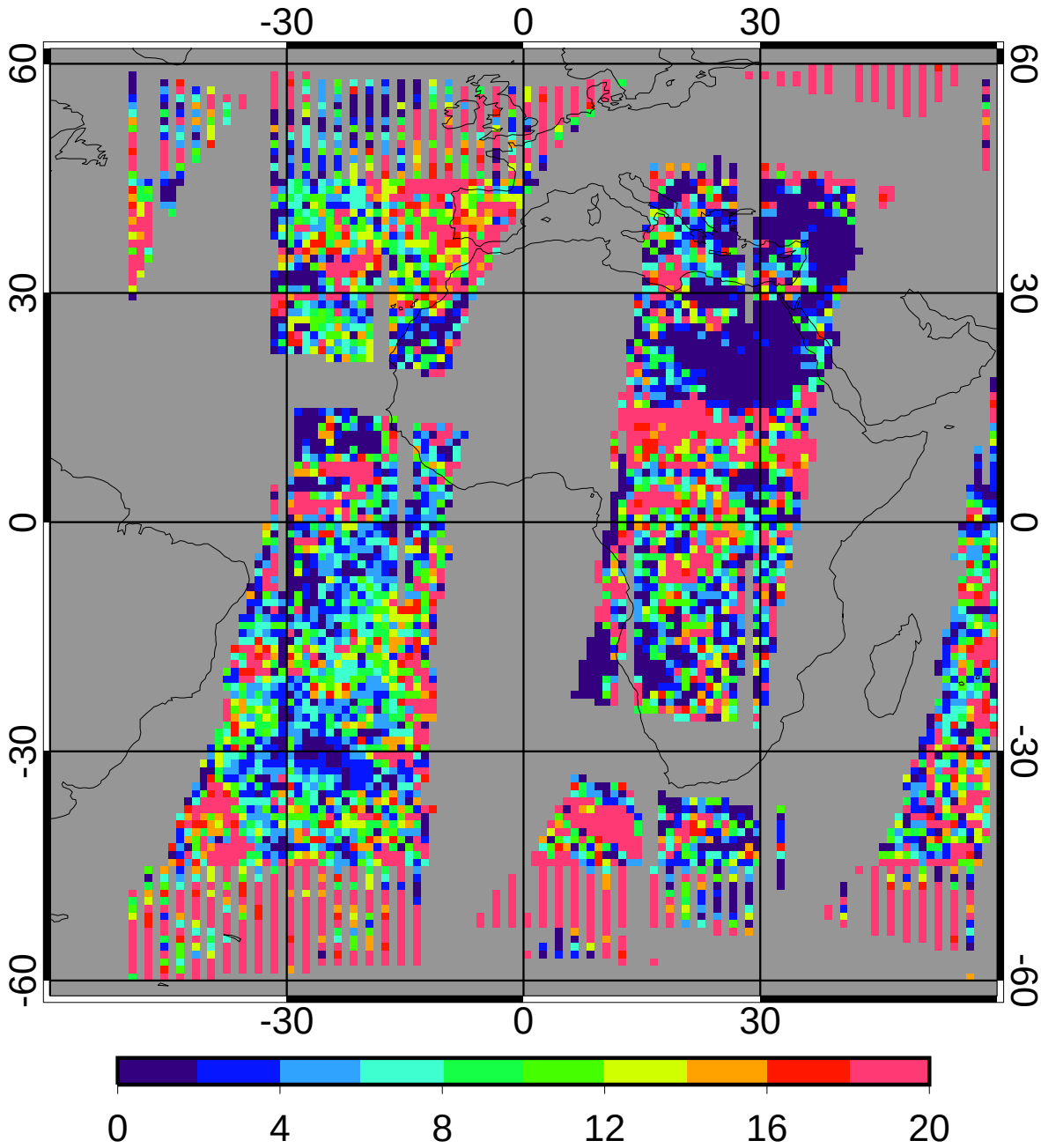
5ch_39cal Apr 2010



bias	5.93	25.74%
domain sigma	13.21	57.33%

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

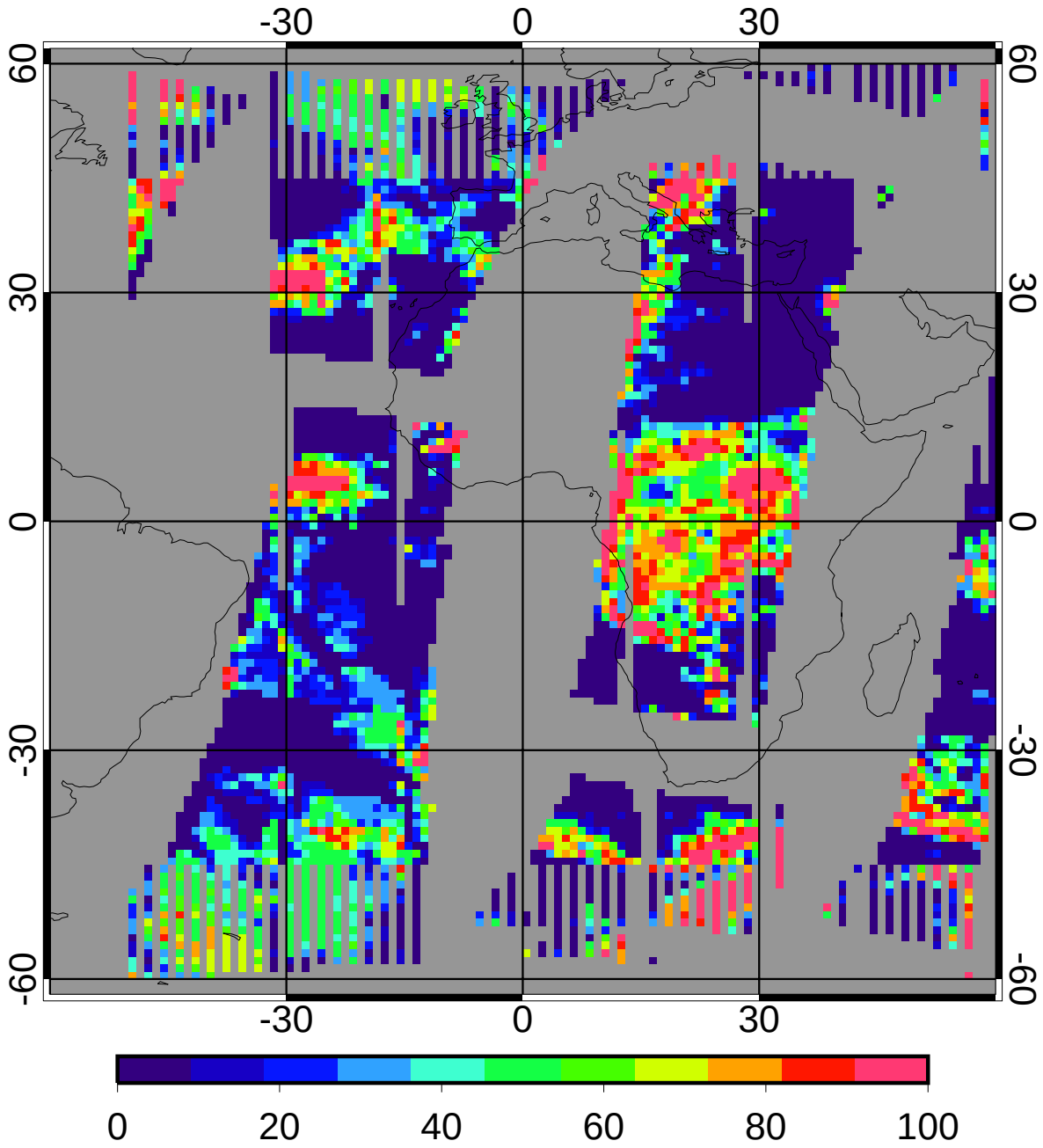
5ch_39cal Apr 2010



regave rms	12.54	54.43%
domain rms	16.93	73.49%

GGEO MEAN Nighttime Ice Cld Amt (%)

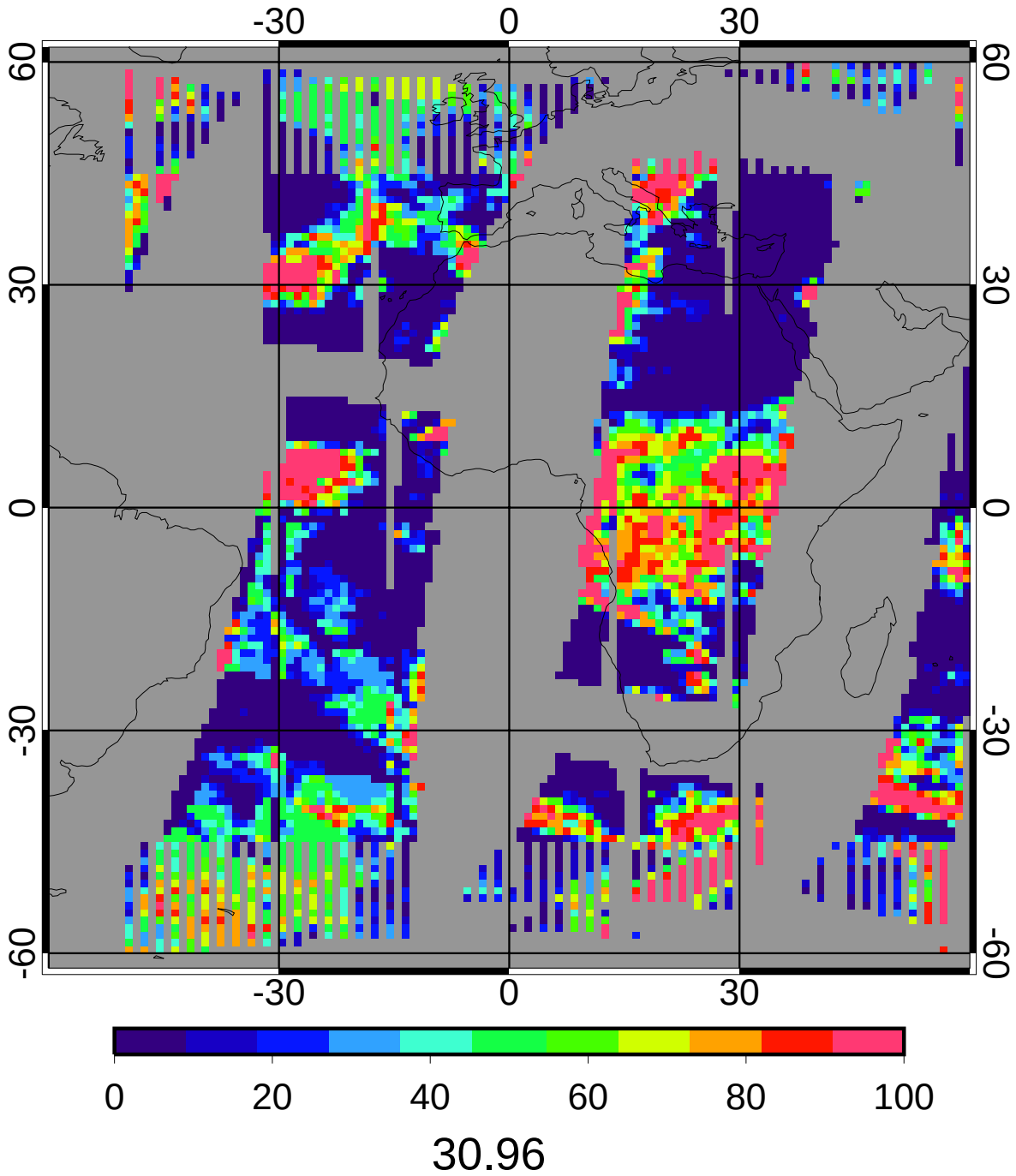
5ch_39cal Apr 2010



28.10

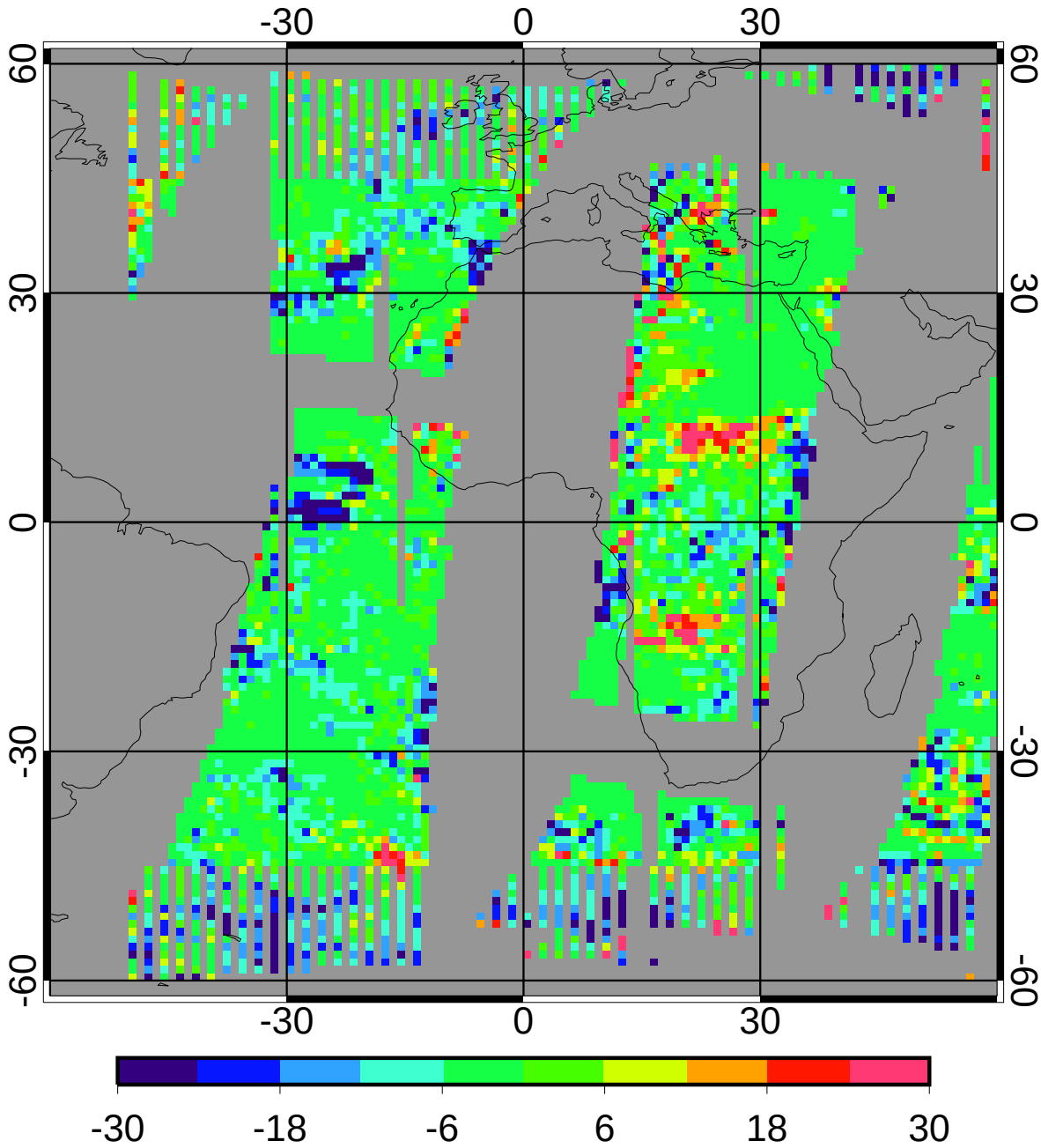
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Apr 2010



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

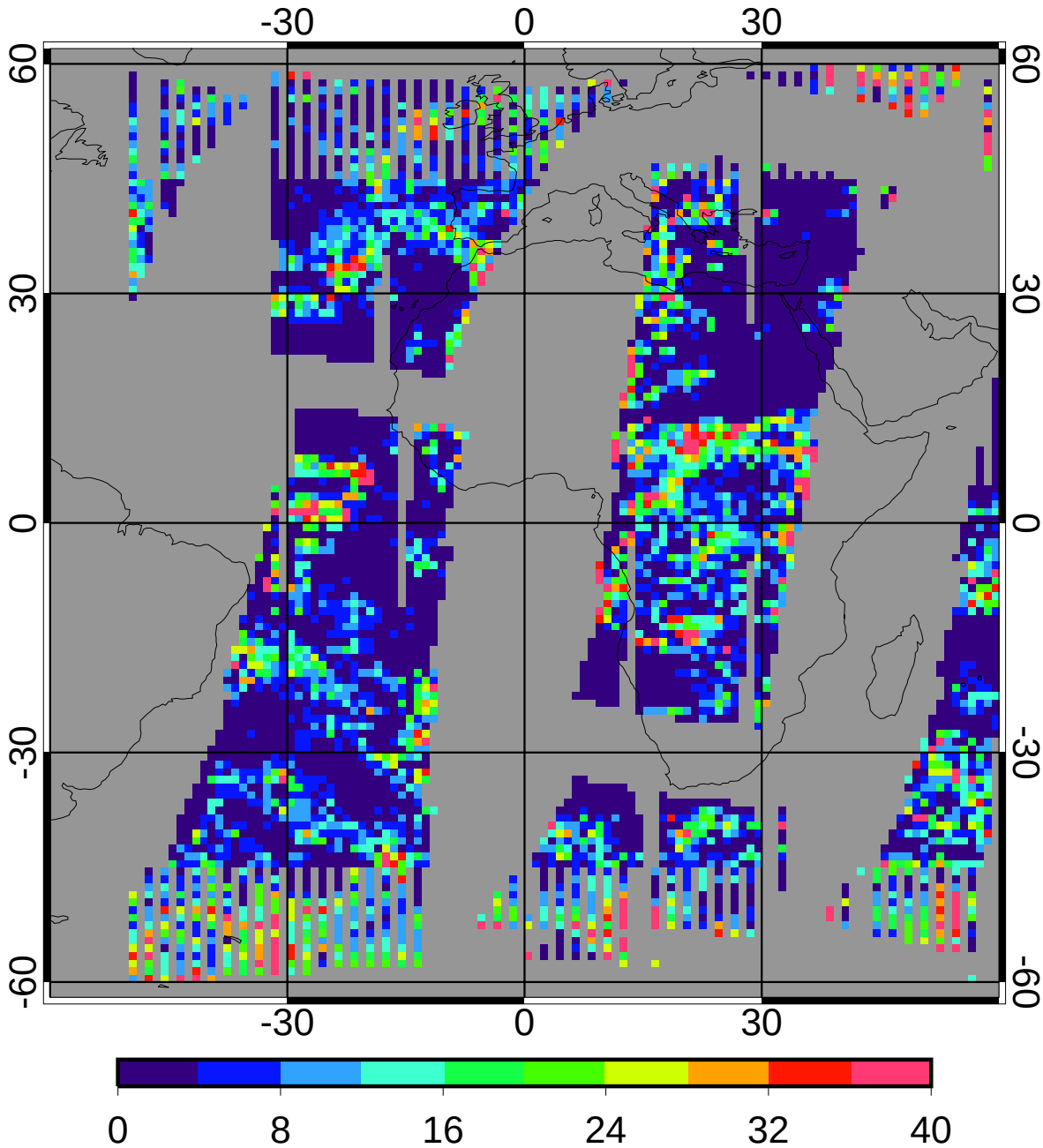
5ch_39cal Apr 2010



bias	-2.86	-9.24%
domain sigma	10.00	32.29%

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

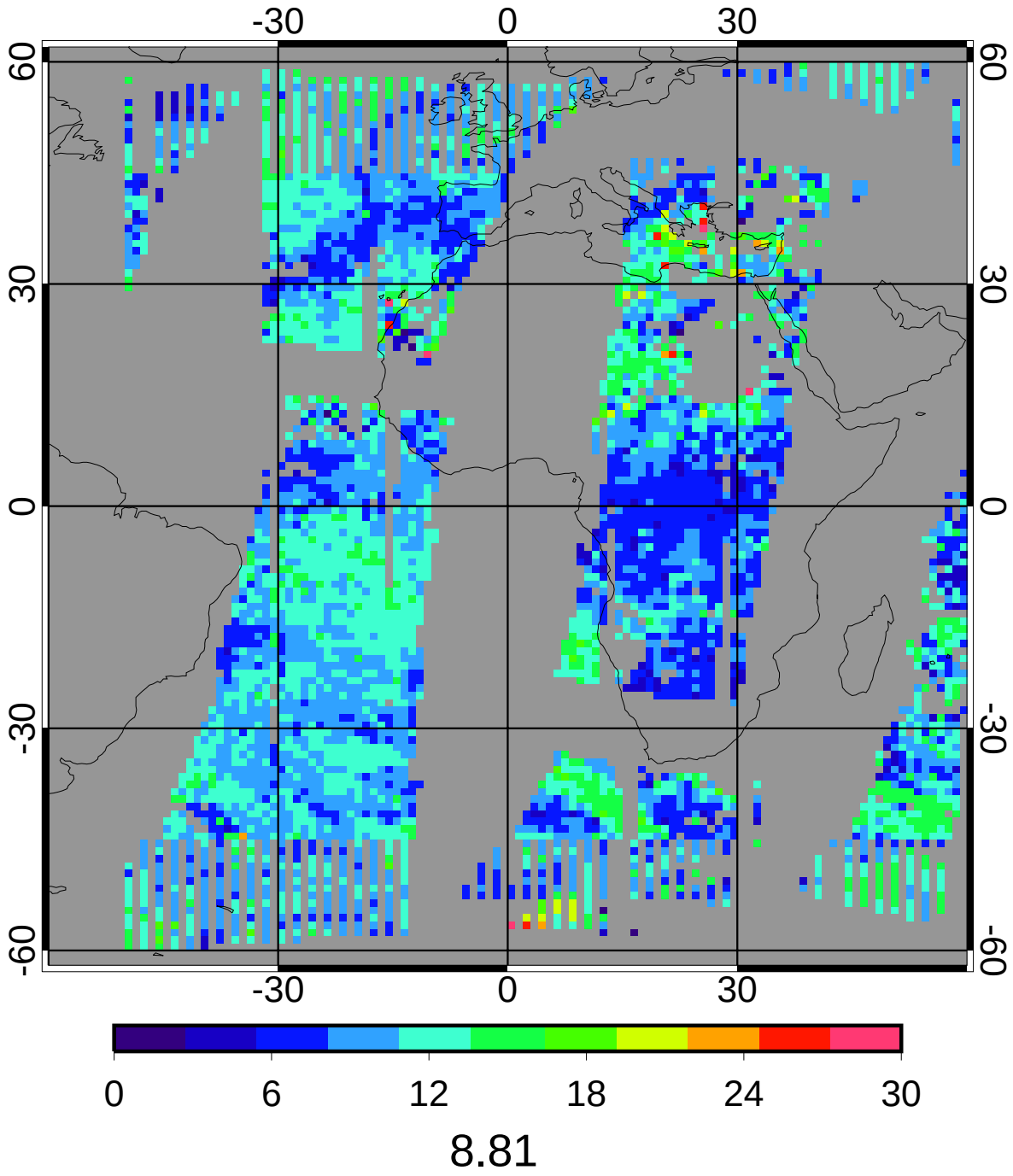
5ch_39cal Apr 2010



regave rms	7.95	25.68%
domain rms	12.04	38.88%

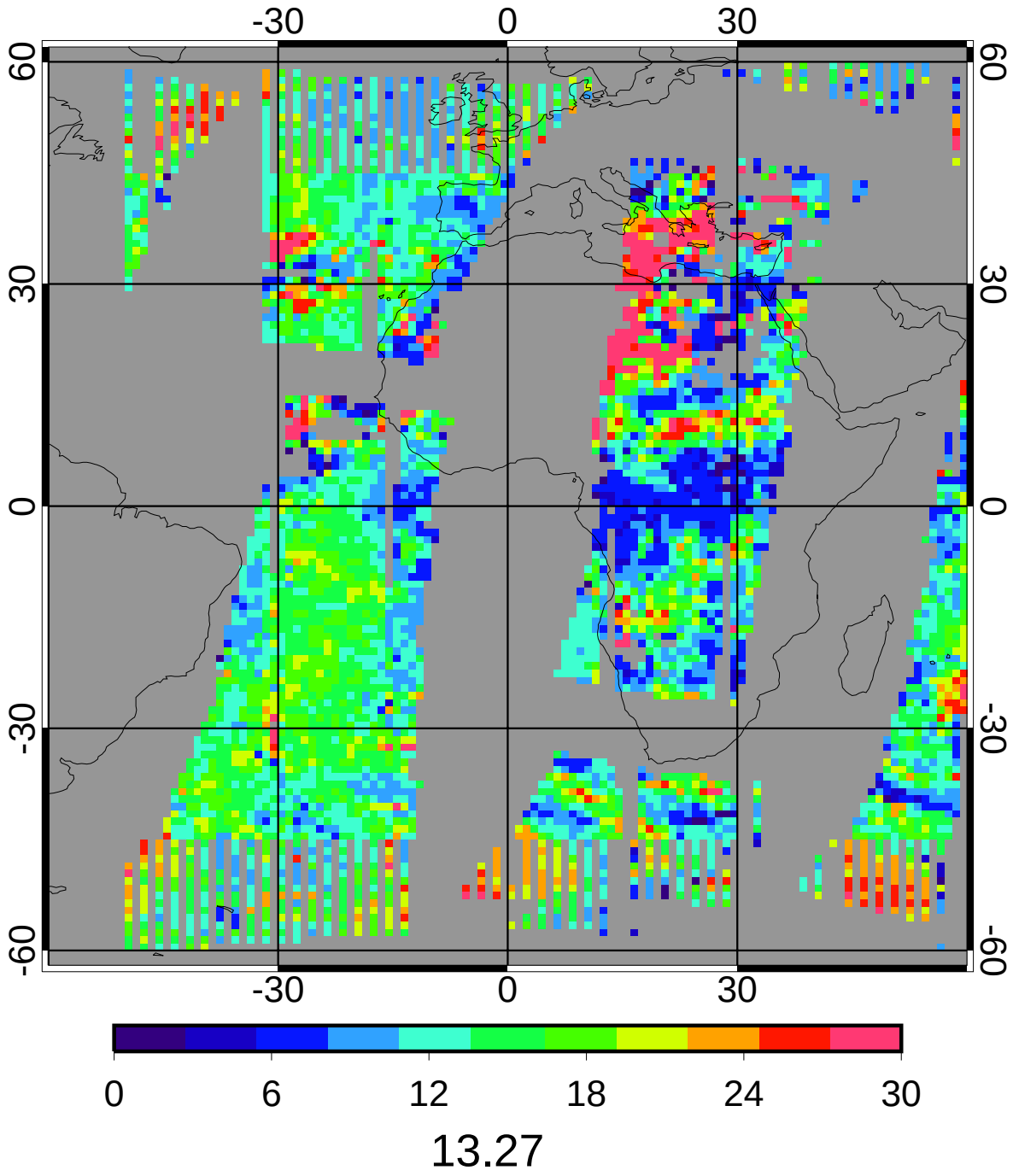
GGEO MEAN Nighttime Liquid Particle Size (microns)

5ch_39cal Apr 2010



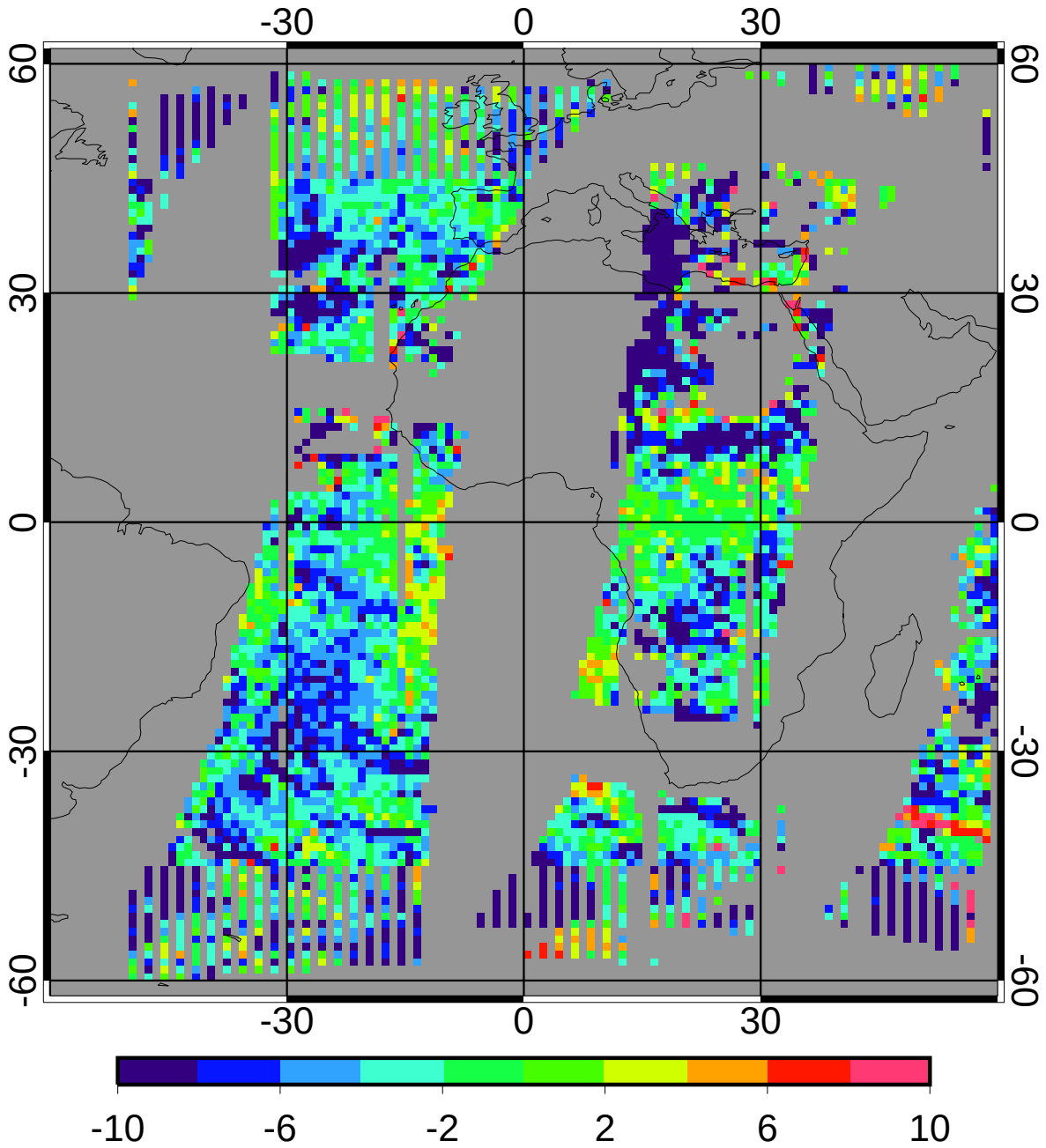
CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

5ch_39cal Apr 2010



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

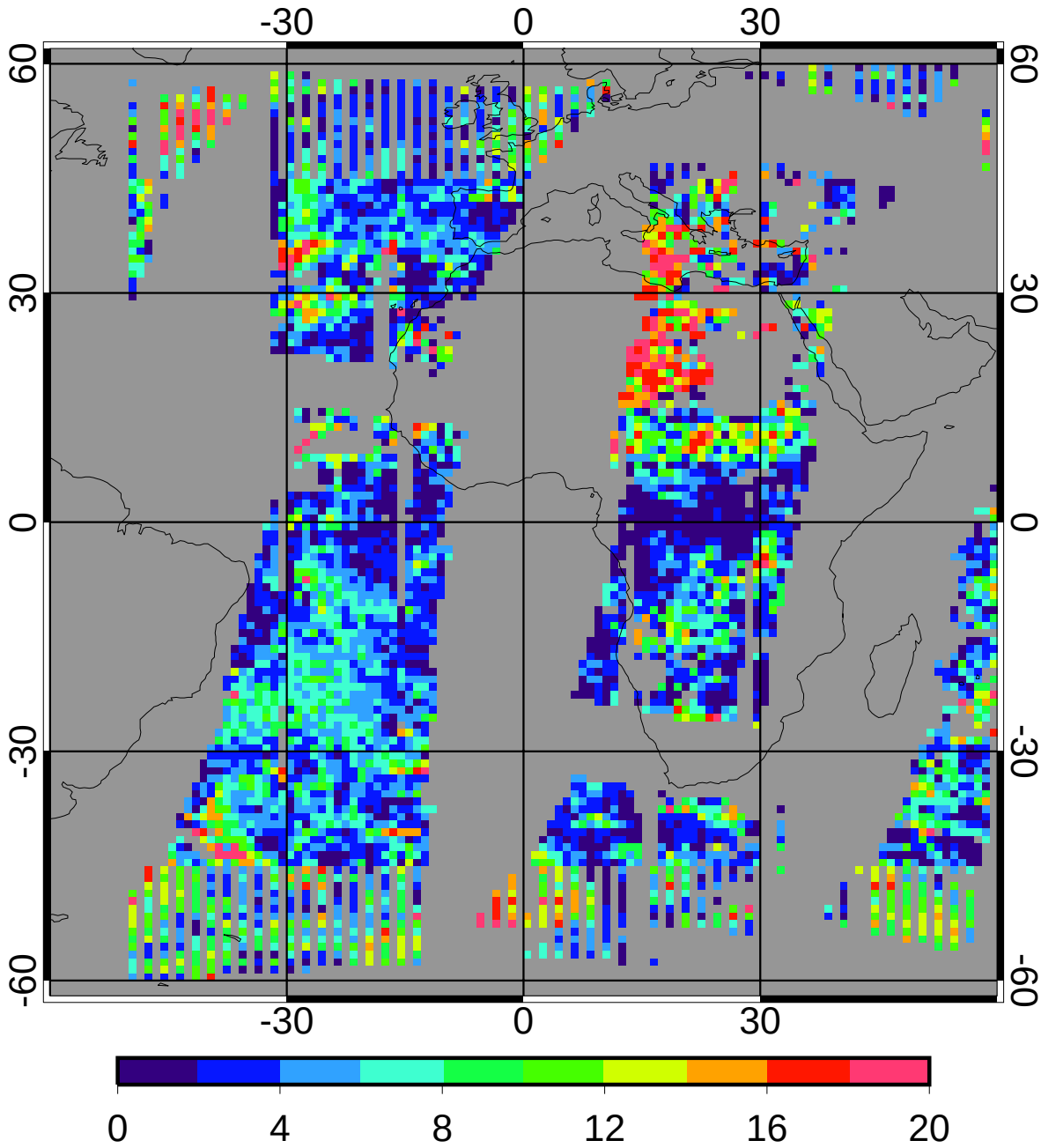
5ch_39cal Apr 2010



bias	-3.55	-26.75%
domain sigma	4.51	33.98%

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

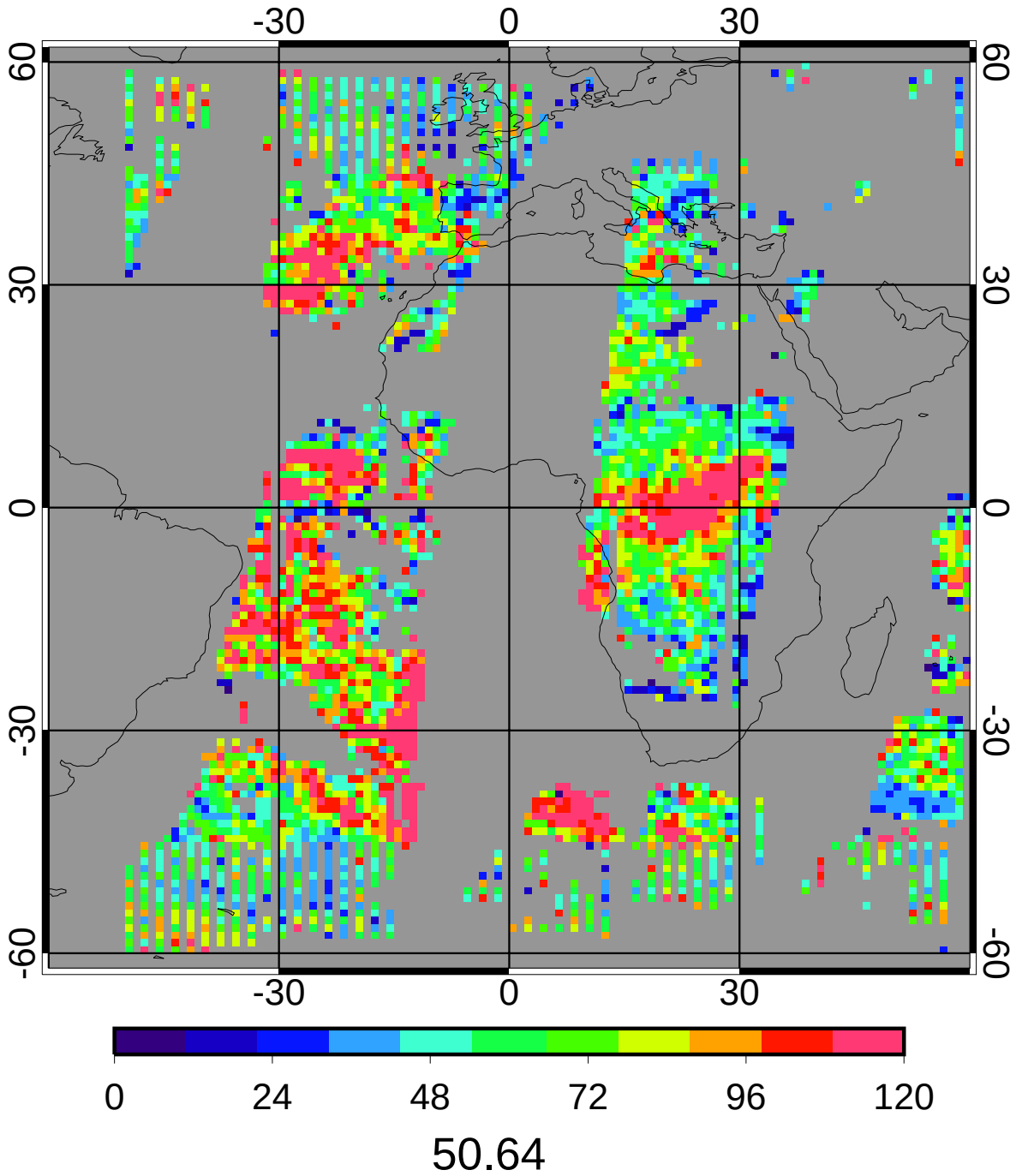
5ch_39cal Apr 2010



regave rms	4.95	37.32%
domain rms	6.63	49.95%

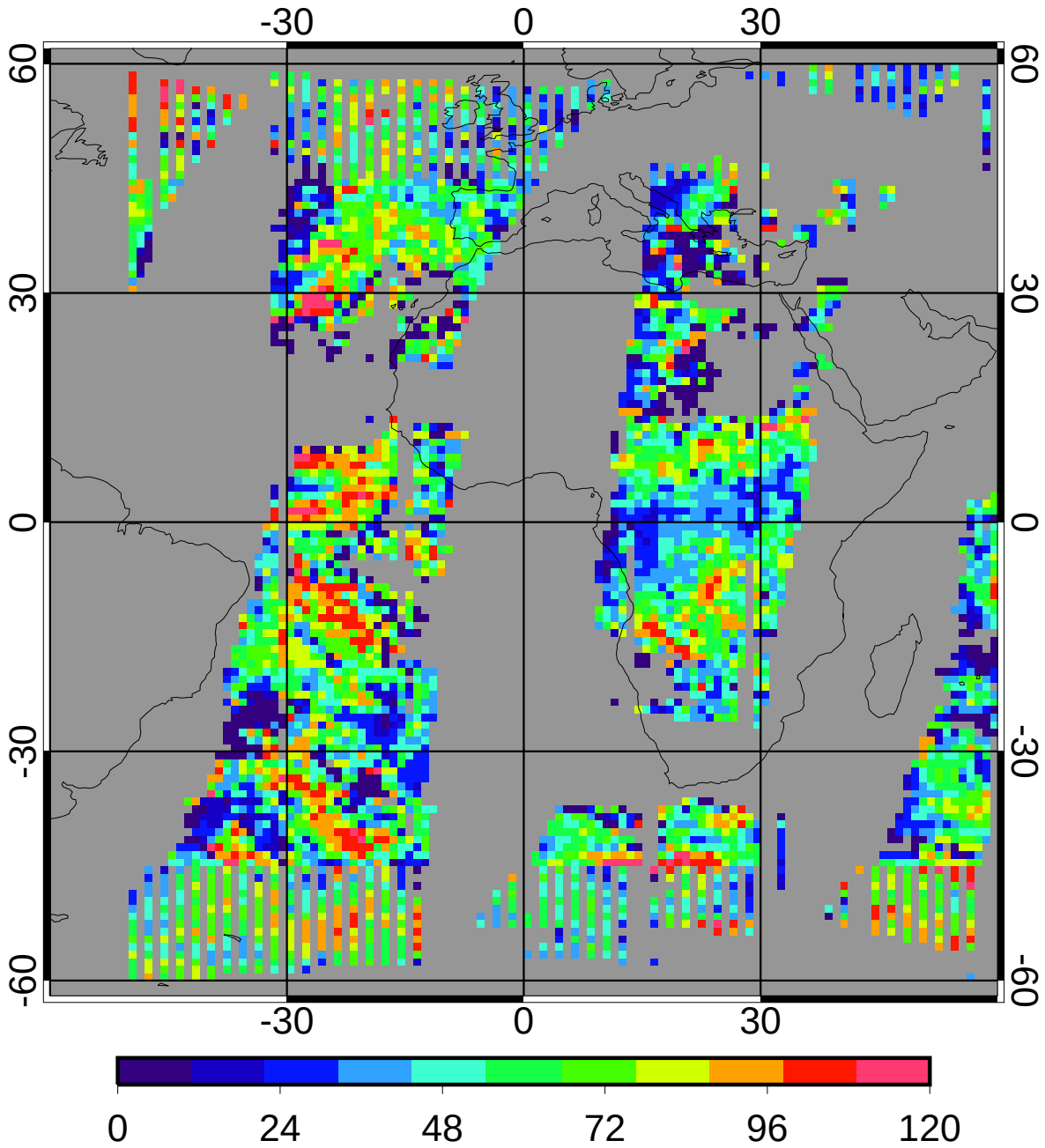
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Apr 2010



CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

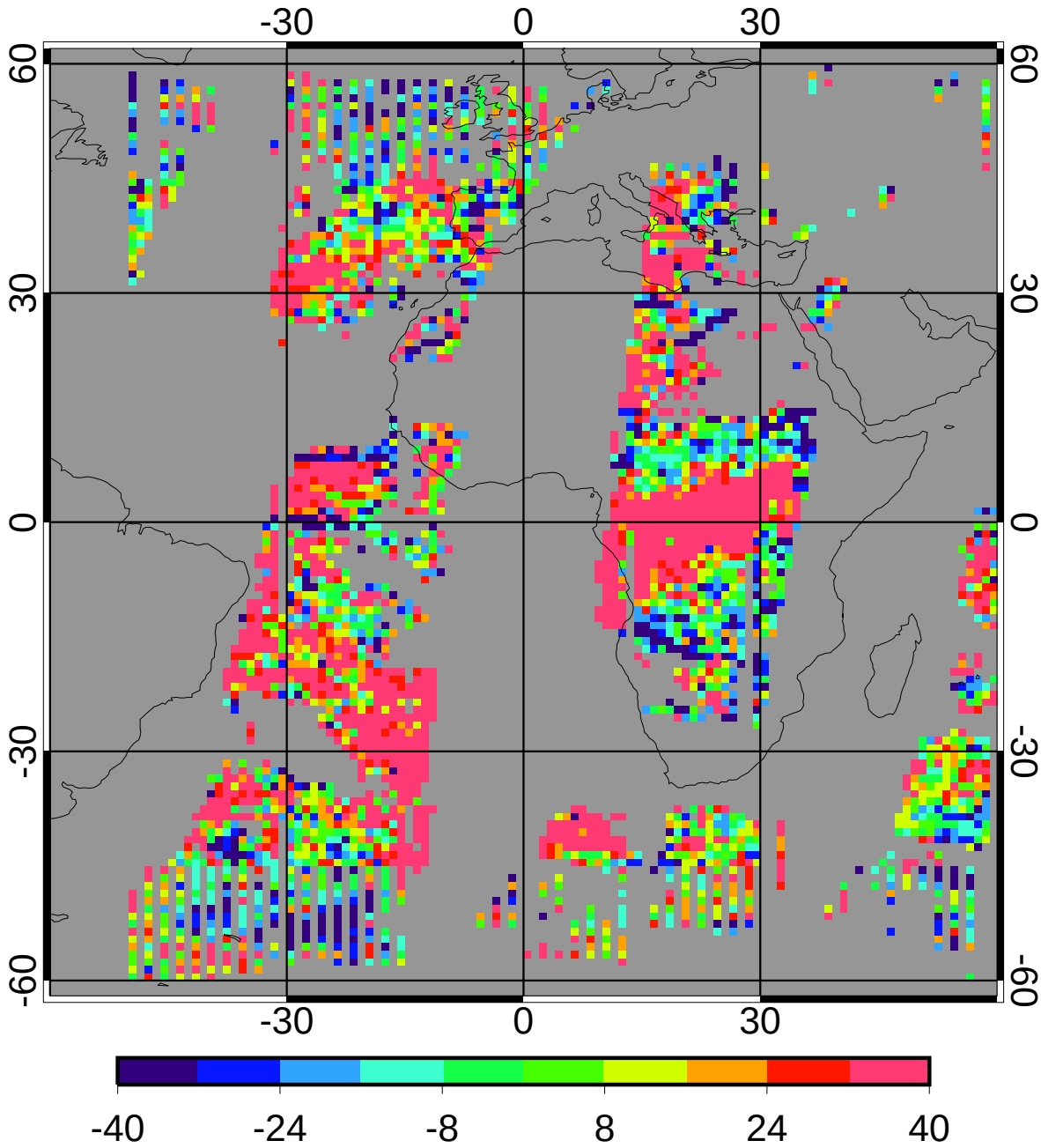
5ch_39cal Apr 2010



43.93

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

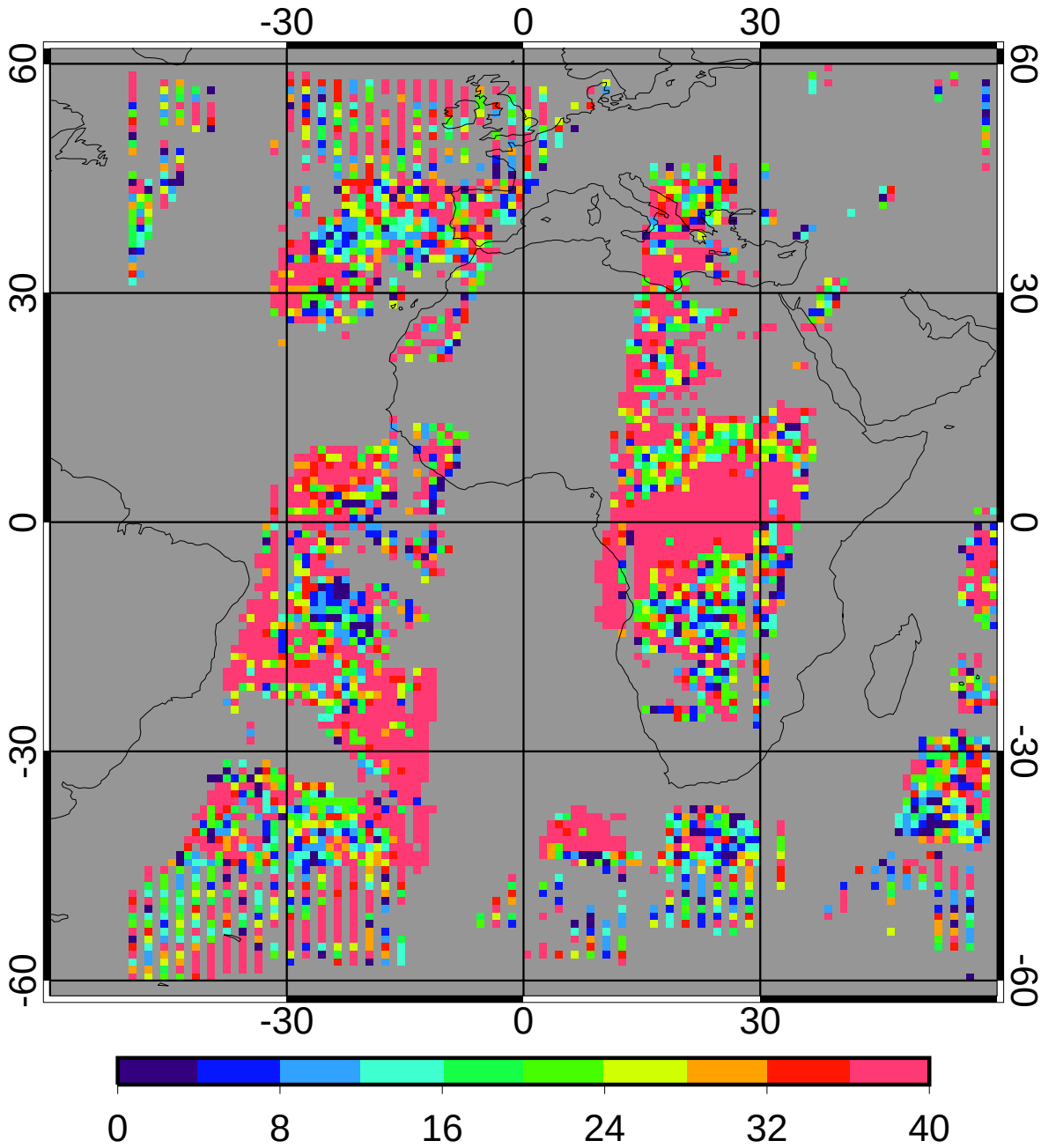
5ch_39cal Apr 2010



bias	11.68	26.60%
domain sigma	32.96	75.04%

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

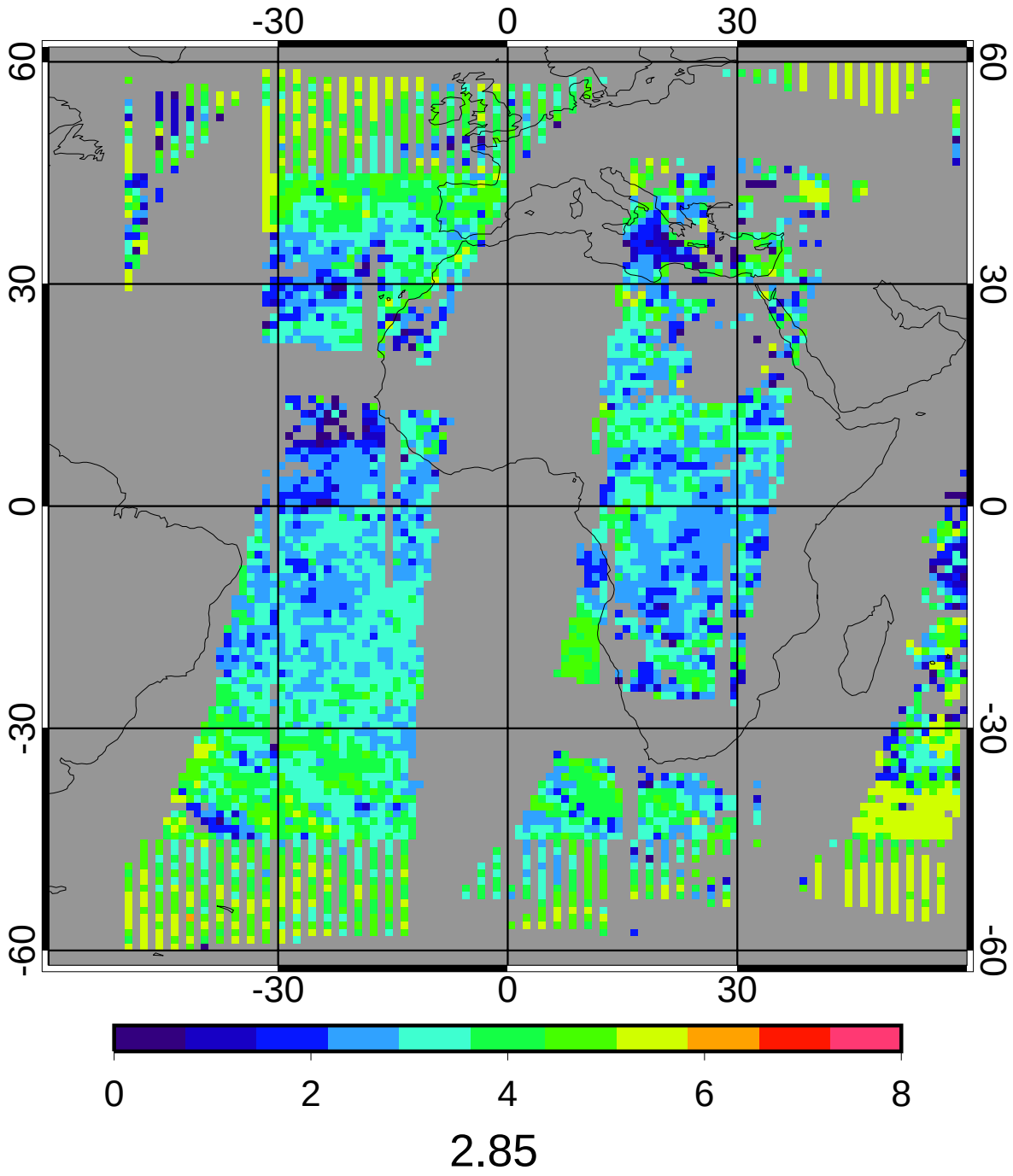
5ch_39cal Apr 2010



regave rms	24.27	55.24%
domain rms	40.33	91.82%

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

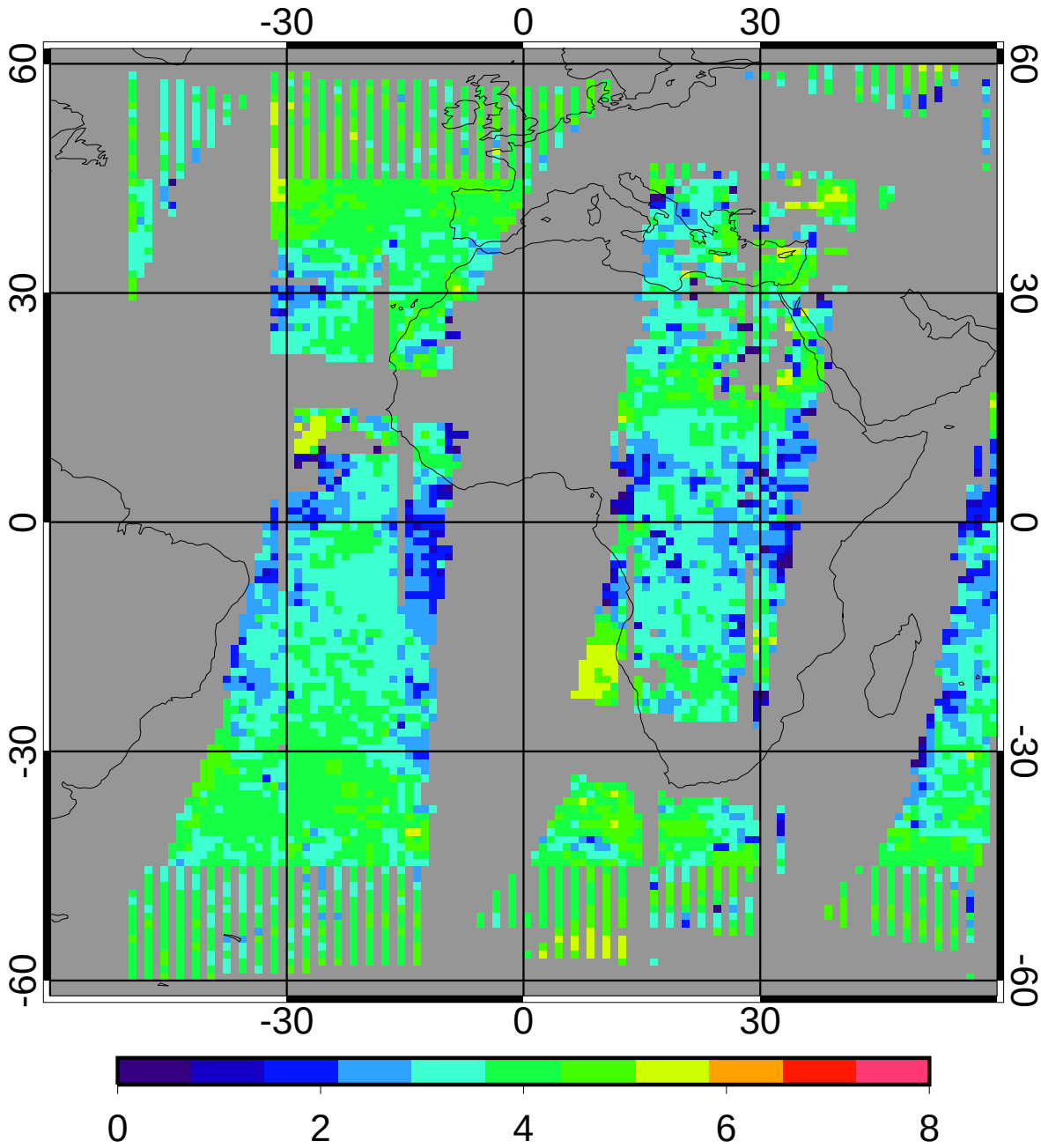
5ch_39cal Apr 2010



2.85

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

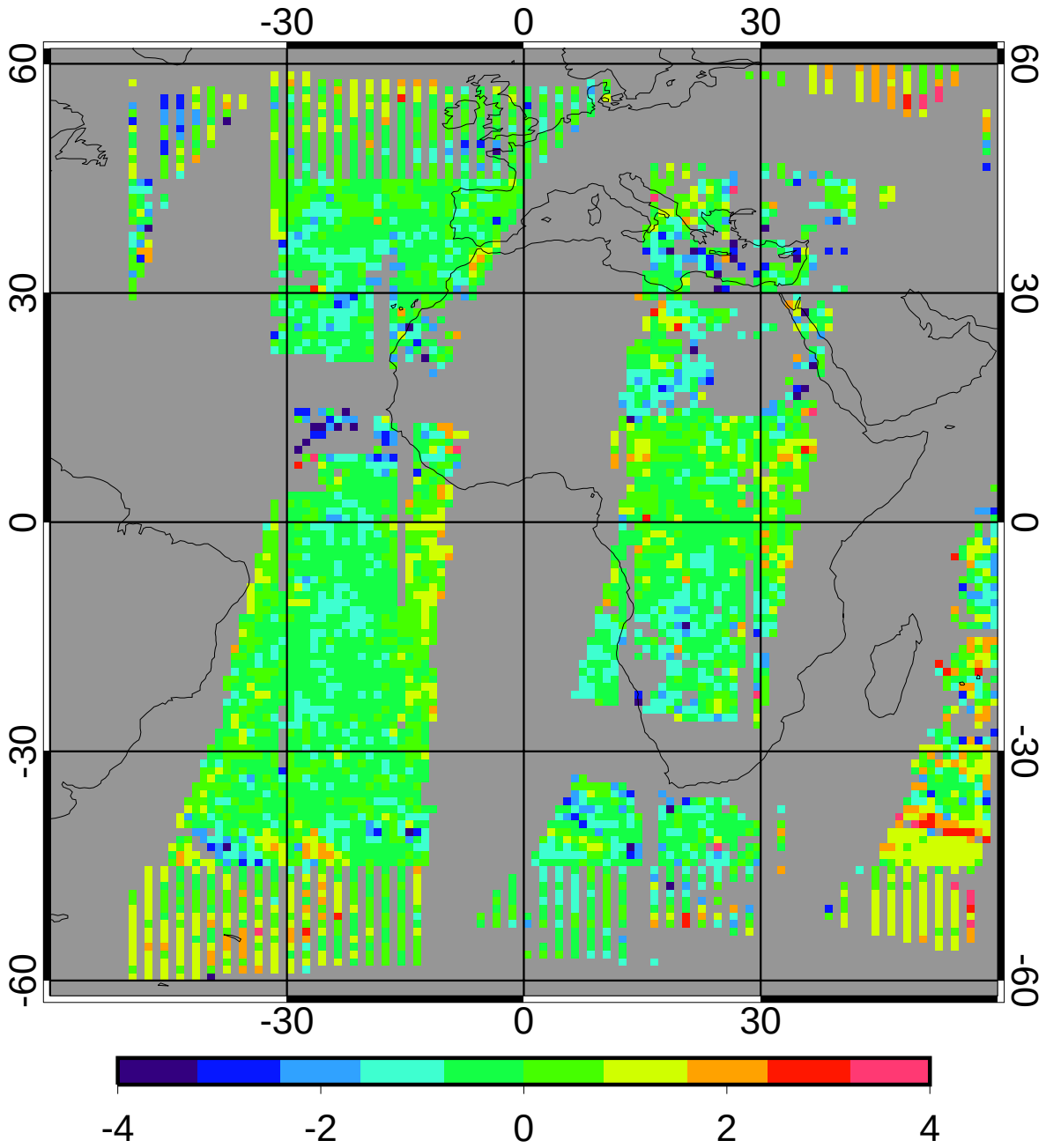
5ch_39cal Apr 2010



3.25

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

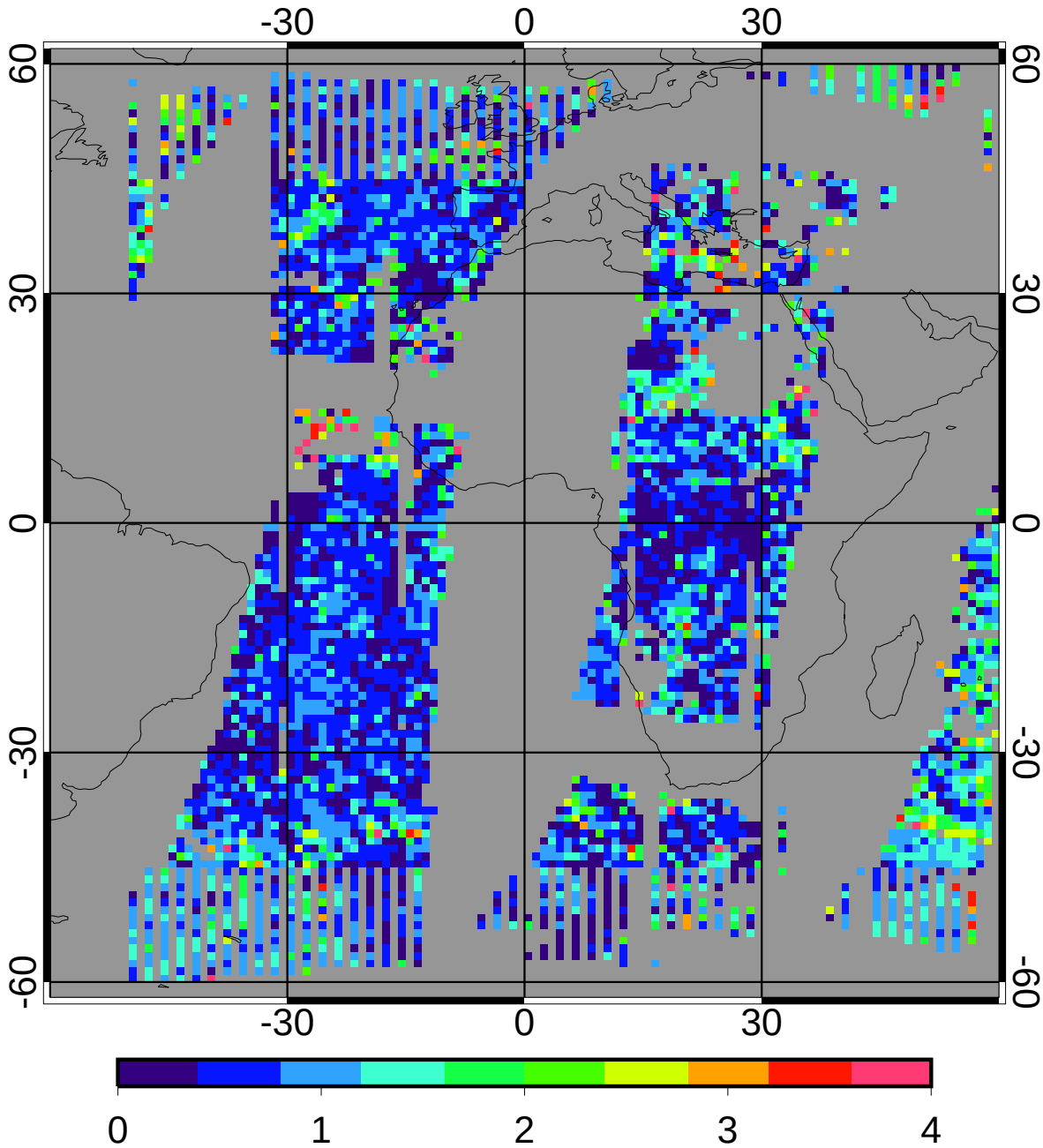
5ch_39cal Apr 2010



bias	-0.16	-4.83%
domain sigma	0.84	25.94%

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

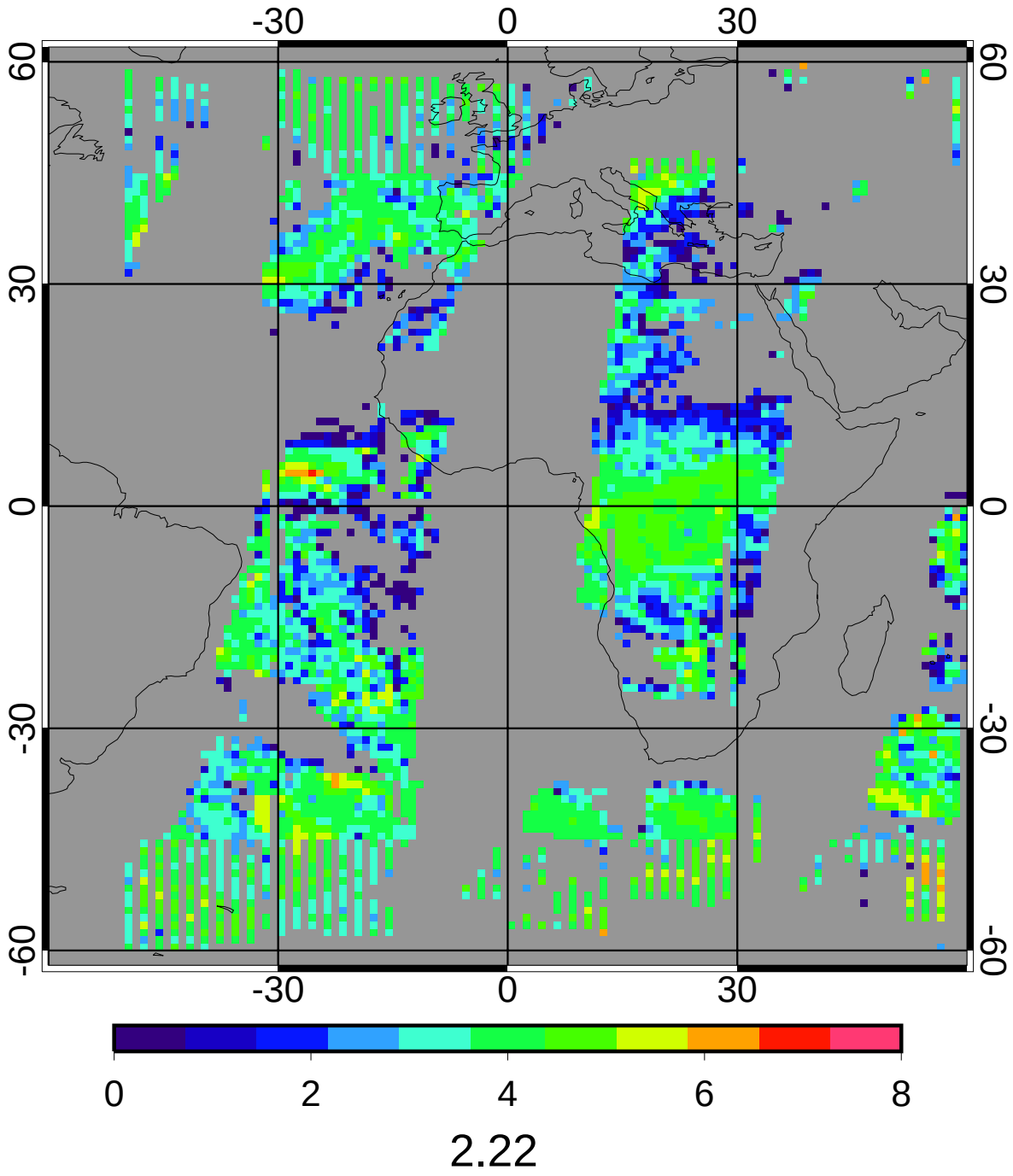
5ch_39cal Apr 2010



regave rms	0.71	21.91%
domain rms	0.95	29.11%

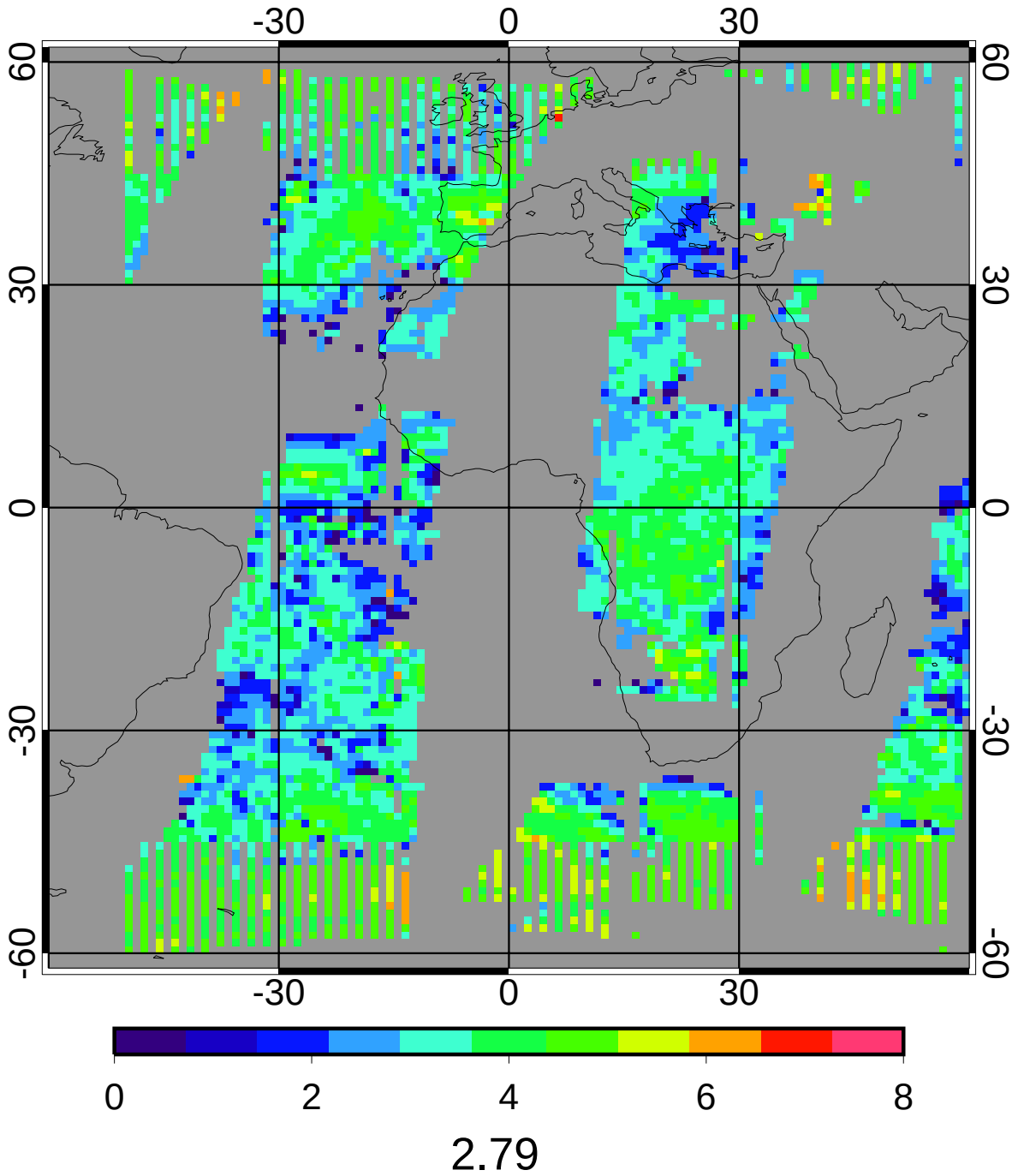
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010



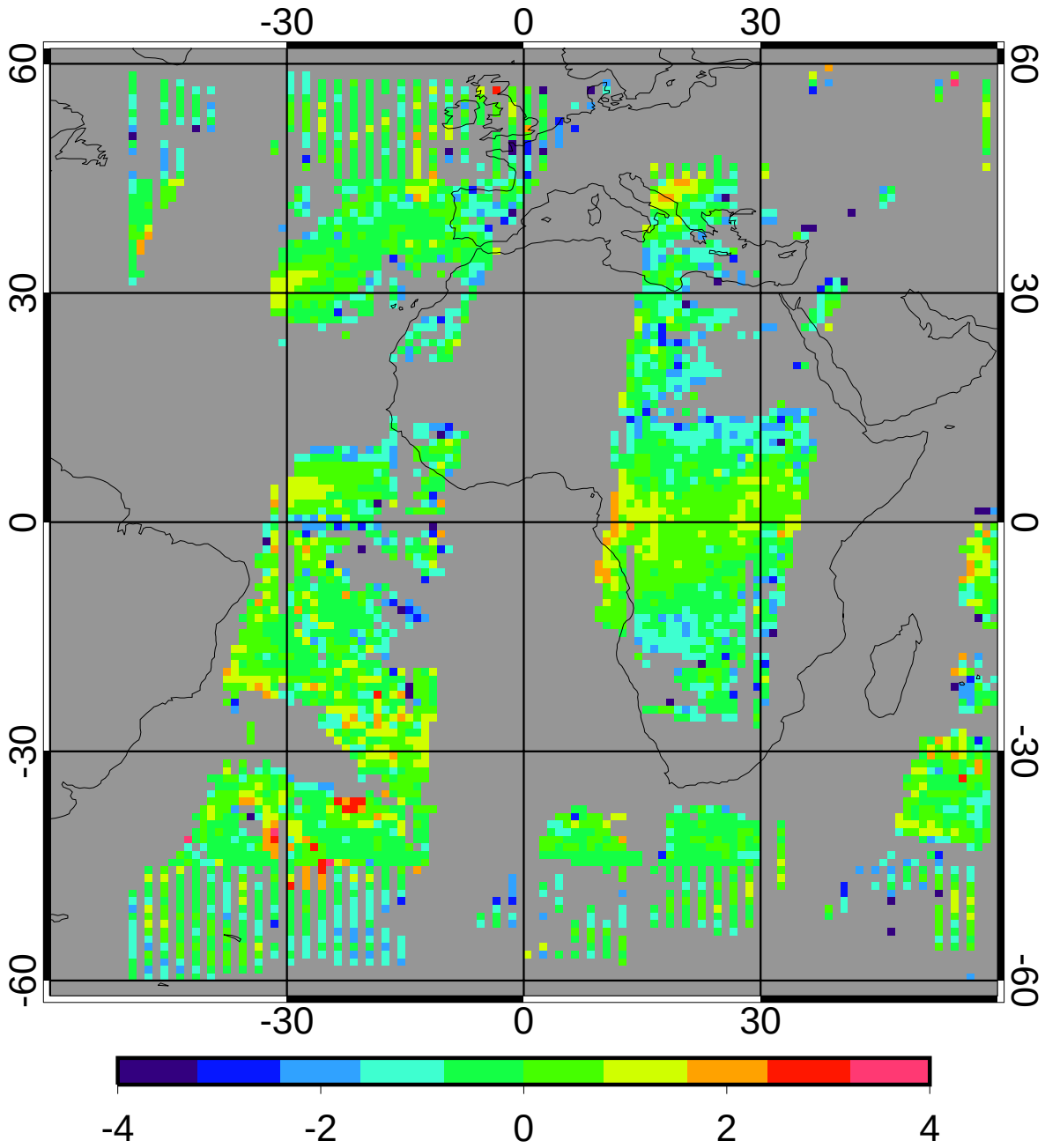
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010



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

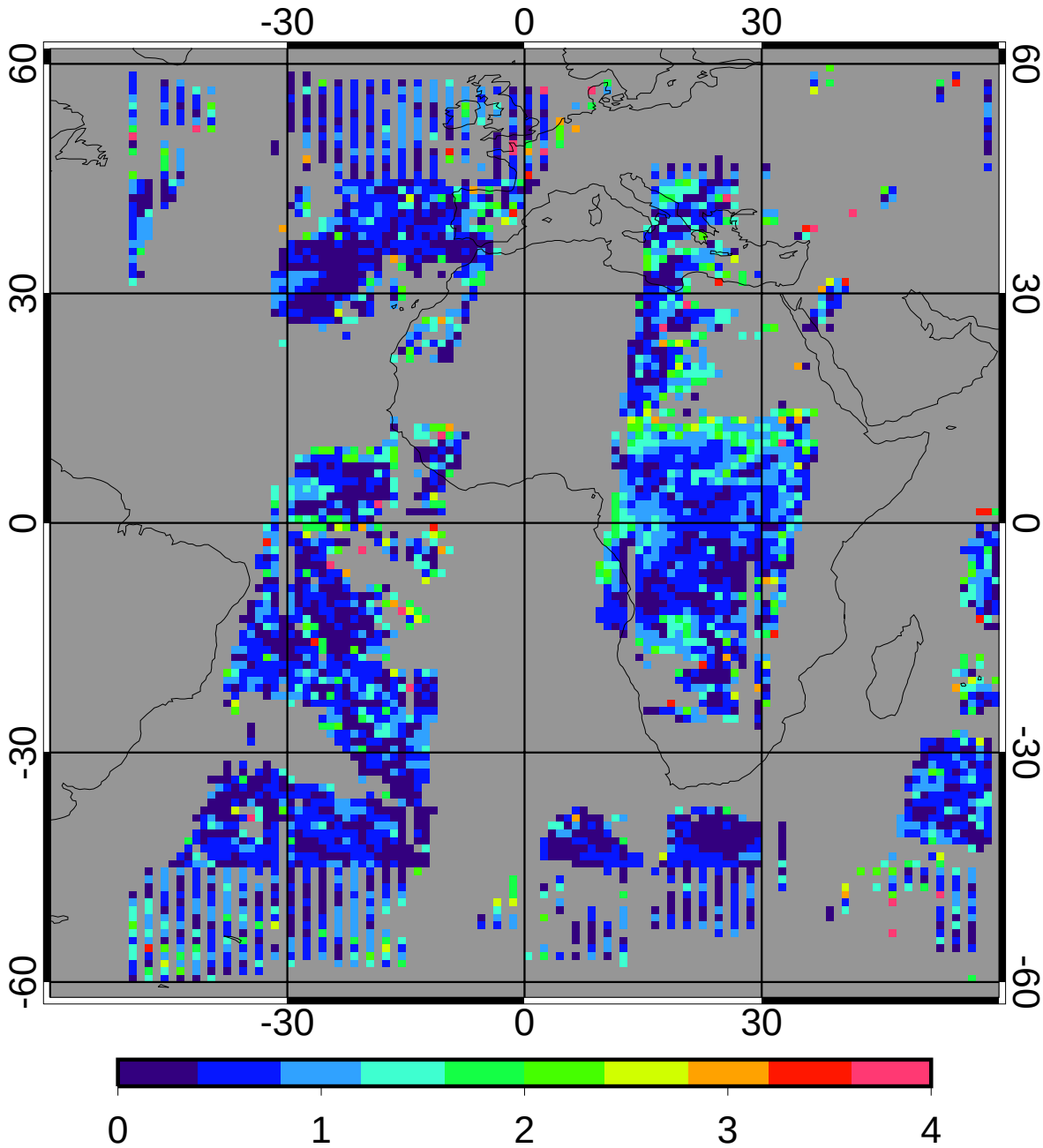
5ch_39cal Apr 2010



bias	-0.17	-6.19%
domain sigma	0.85	30.59%

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

5ch_39cal Apr 2010



regave rms	0.54	19.20%
domain rms	0.94	33.76%