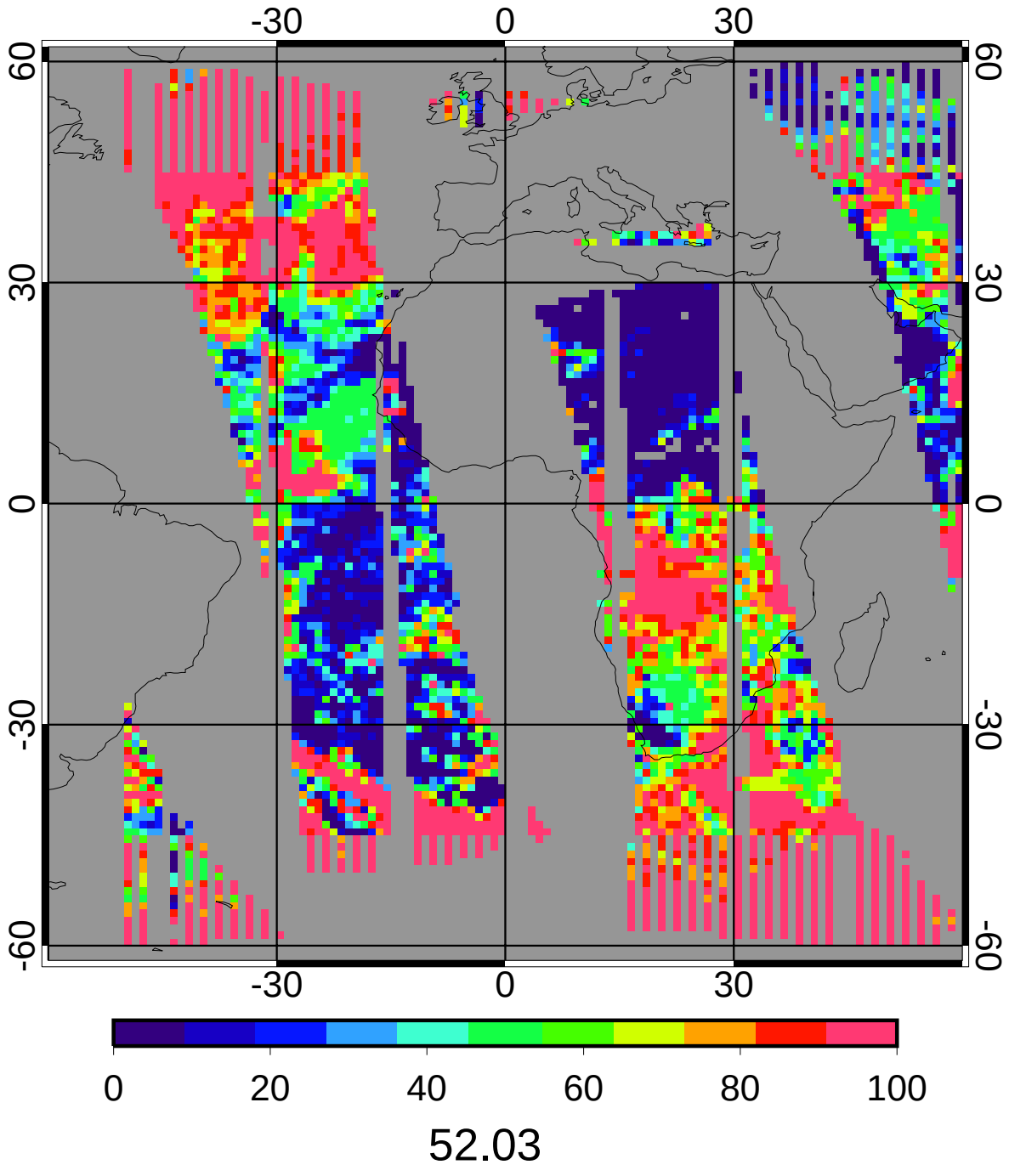
GGEO MEAN Daytime Cloud Amount (%)

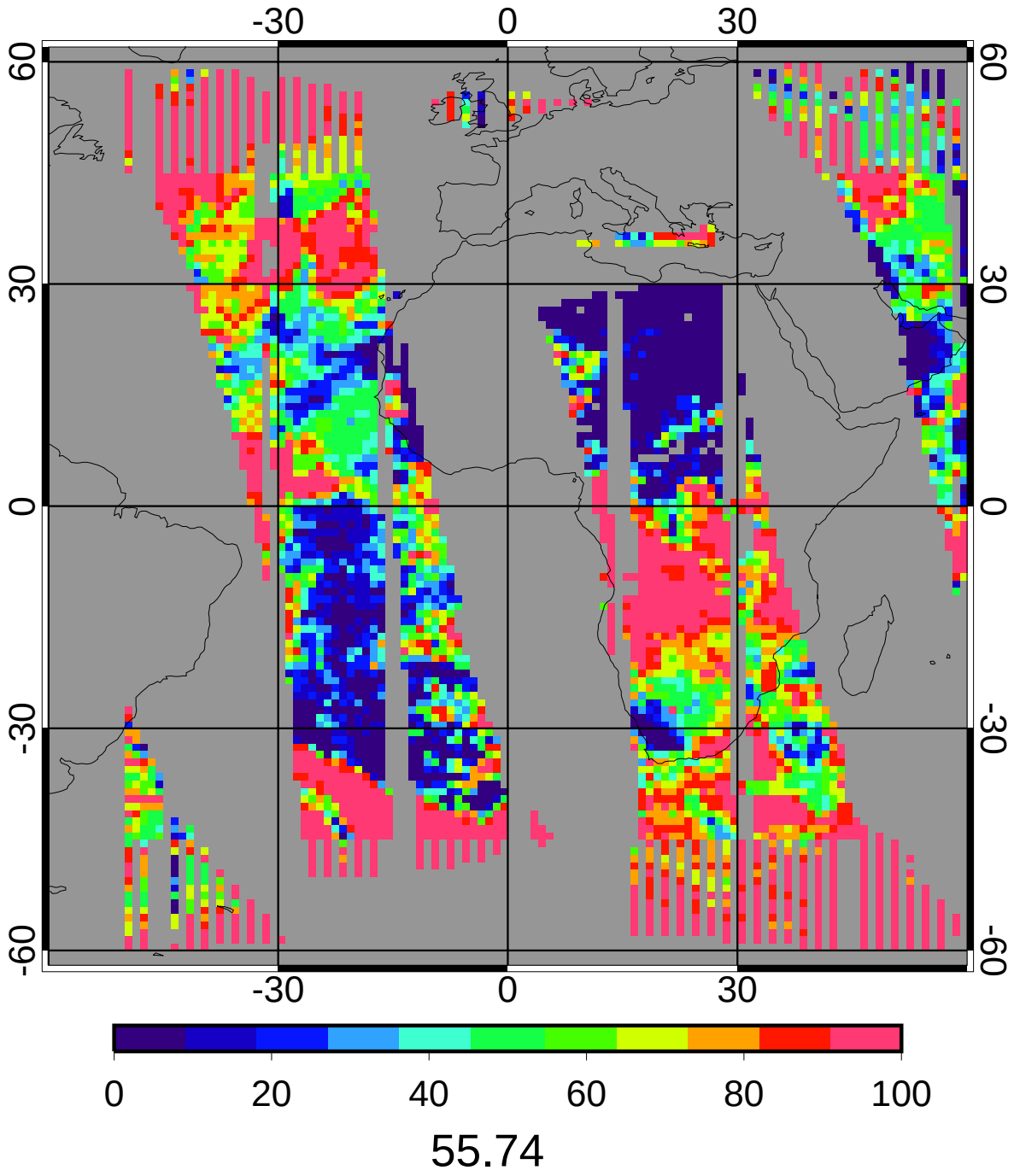
5ch_39cal Jan 2010



52.03

CERES/Aqua MEAN Daytime Cloud Amount (%)

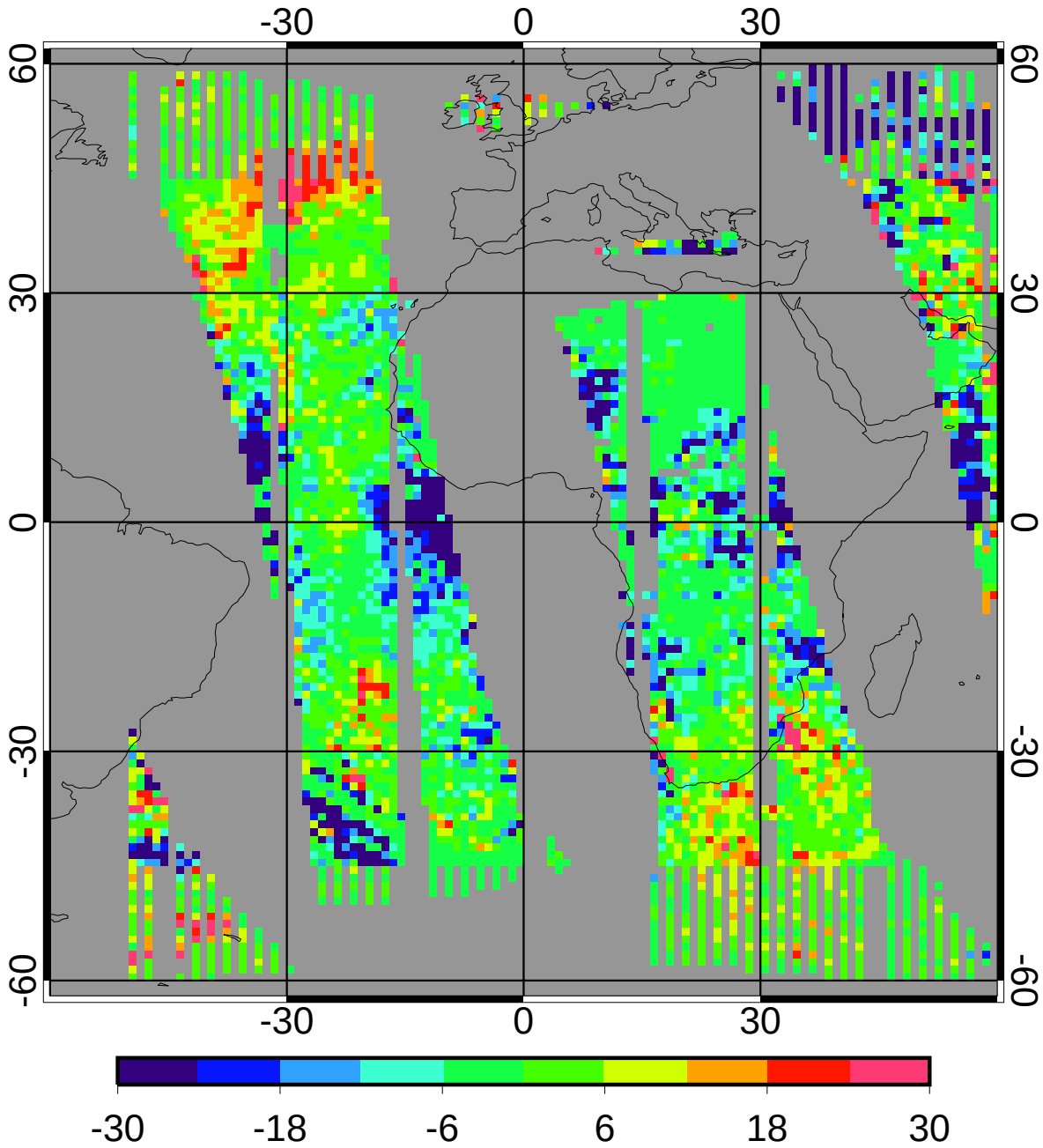
5ch_39cal Jan 2010



55.74

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

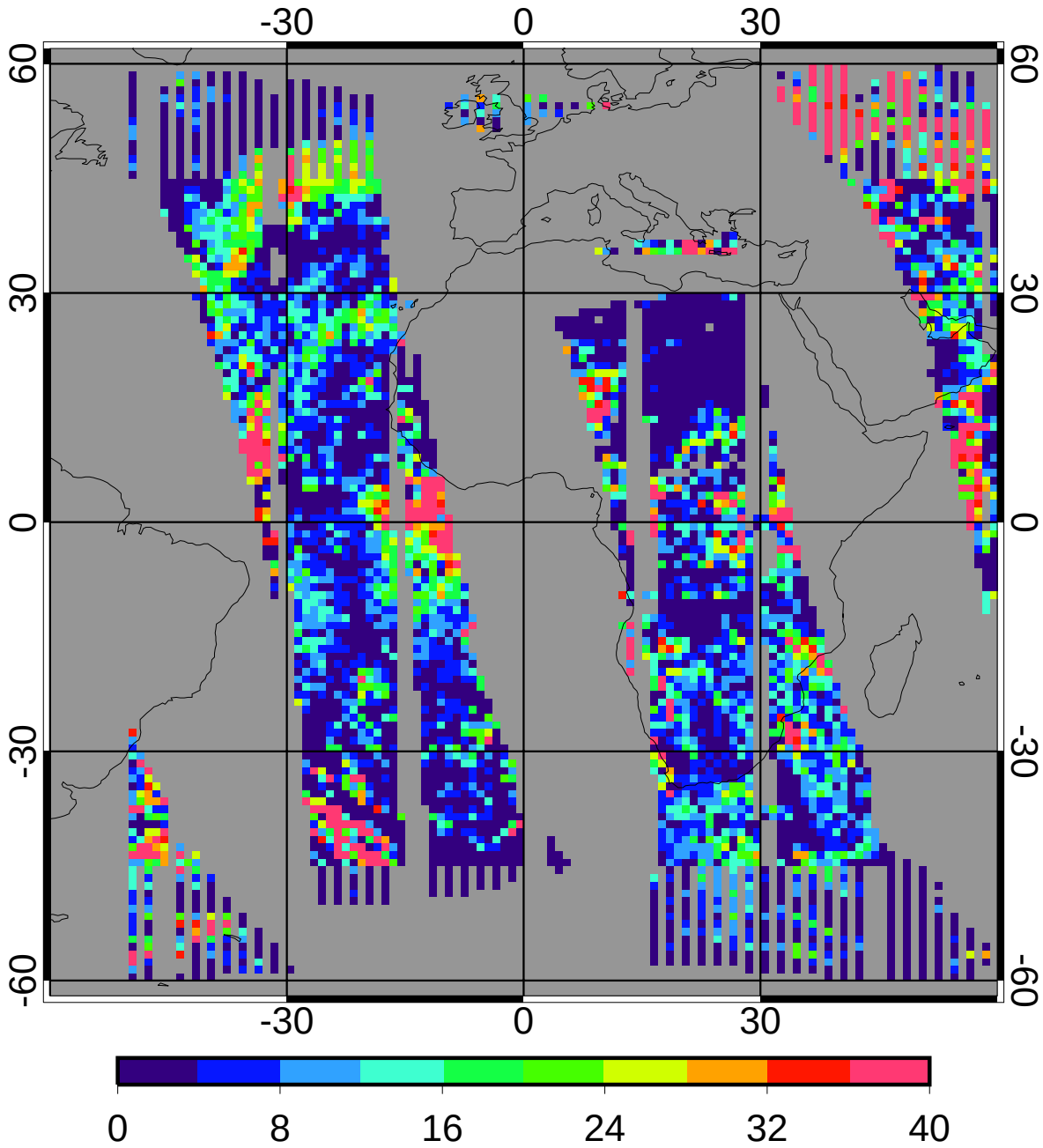
5ch_39cal Jan 2010



bias	-3.71	-6.65%
domain sigma	13.53	24.28%

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

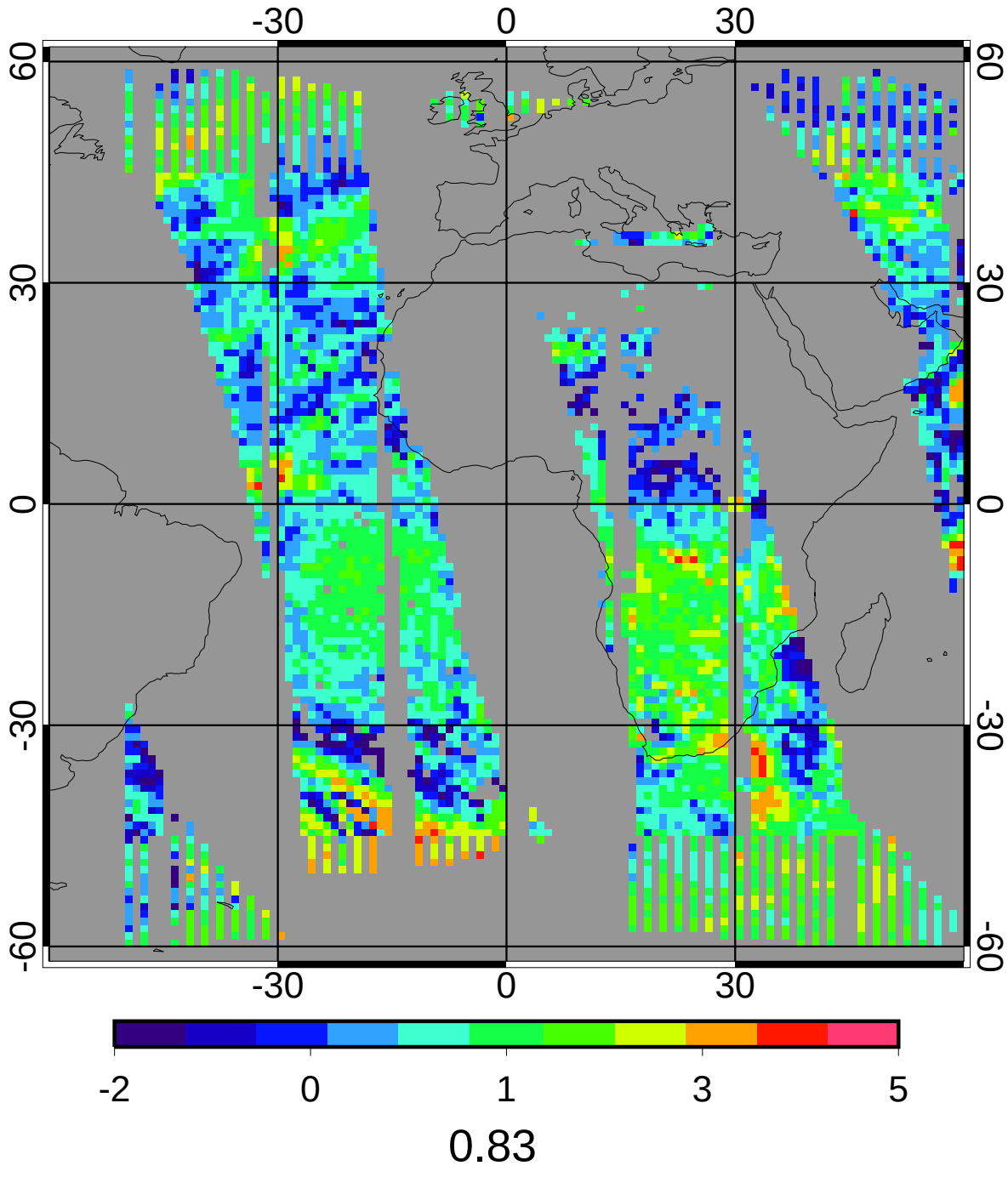
5ch_39cal Jan 2010



regave rms	10.92	19.60%
domain rms	15.98	28.68%

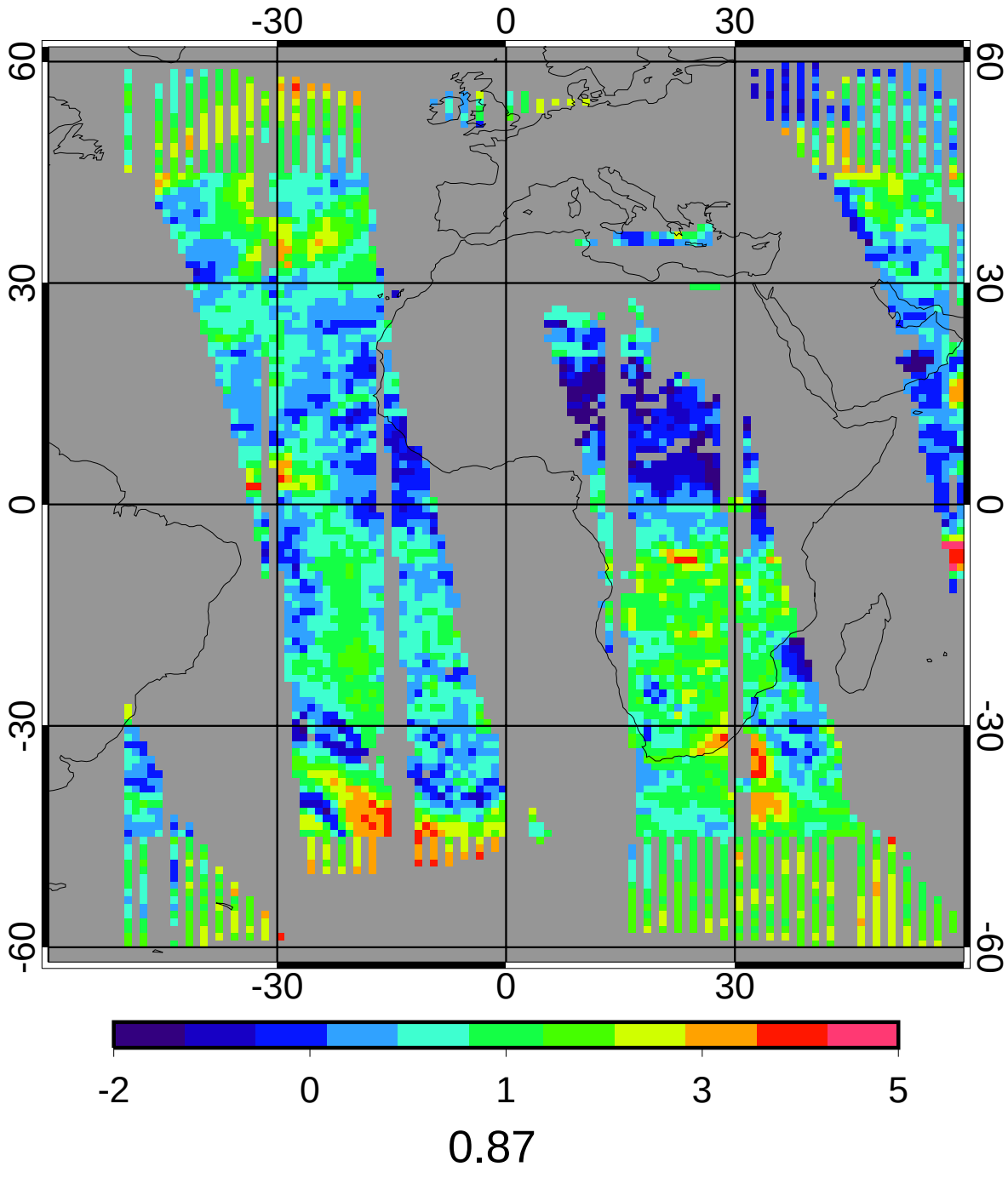
GGEO MEAN Daytime Log Optical Depth

5ch_39cal Jan 2010



CERES/Aqua MEAN Daytime Log Optical Depth

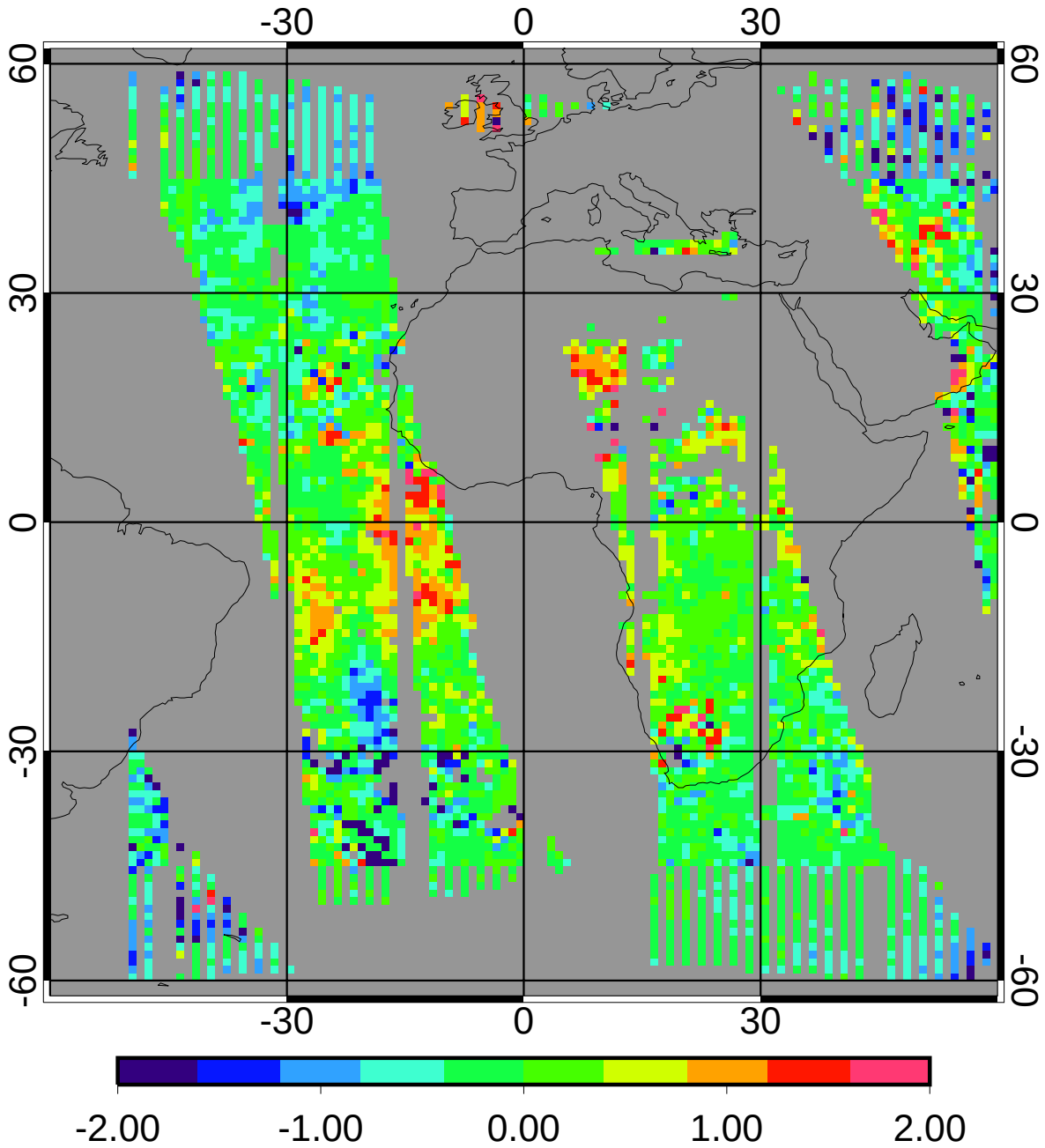
5ch_39cal Jan 2010



0.87

GGEO - CERES/Aqua Daytime Log Optical Depth Bias

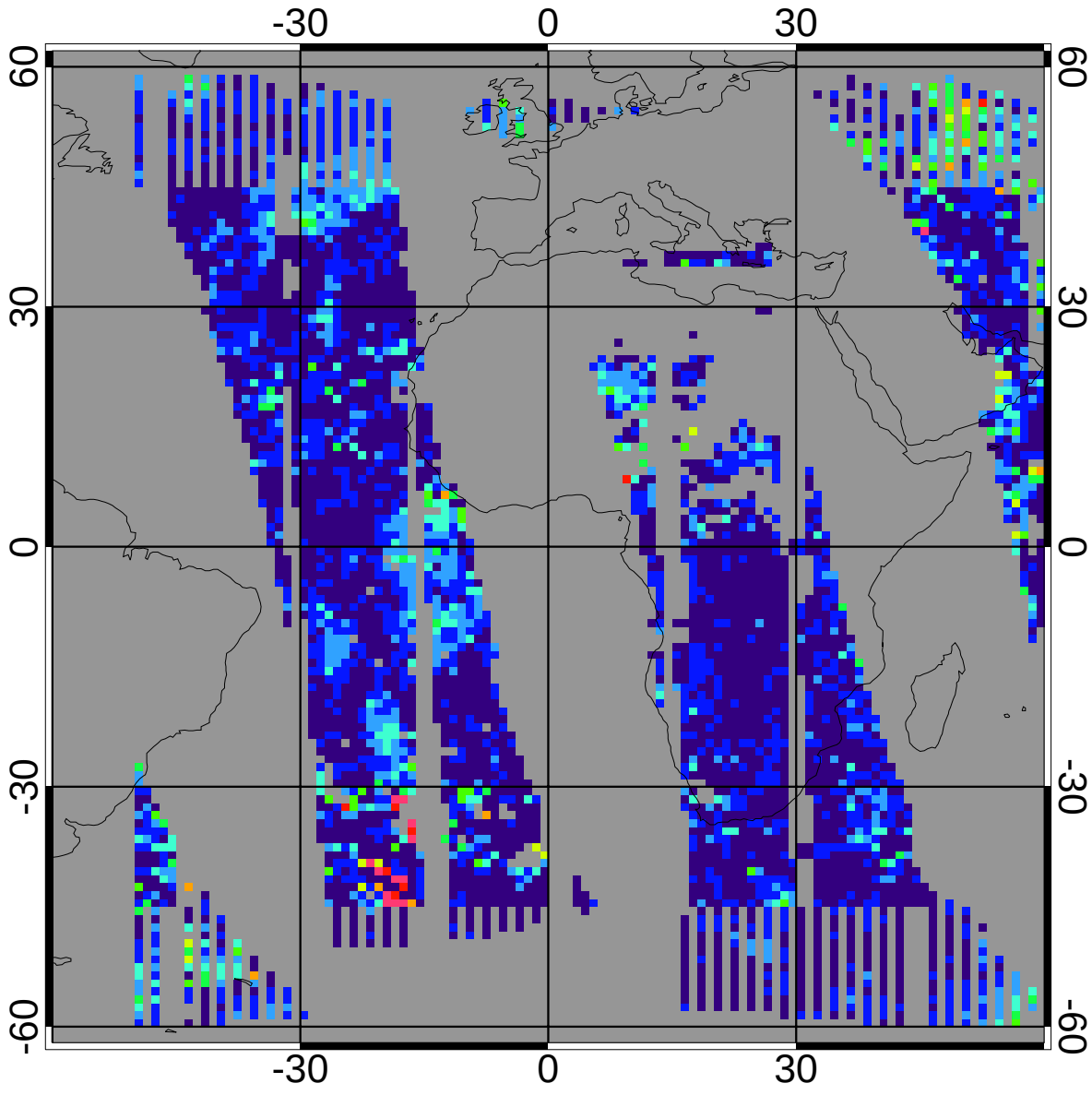
5ch_39cal Jan 2010

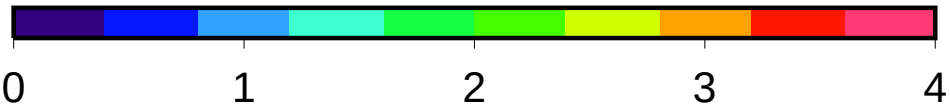


bias	-0.07	-8.23%
domain sigma	0.57	65.35%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

5ch_39cal Jan 2010

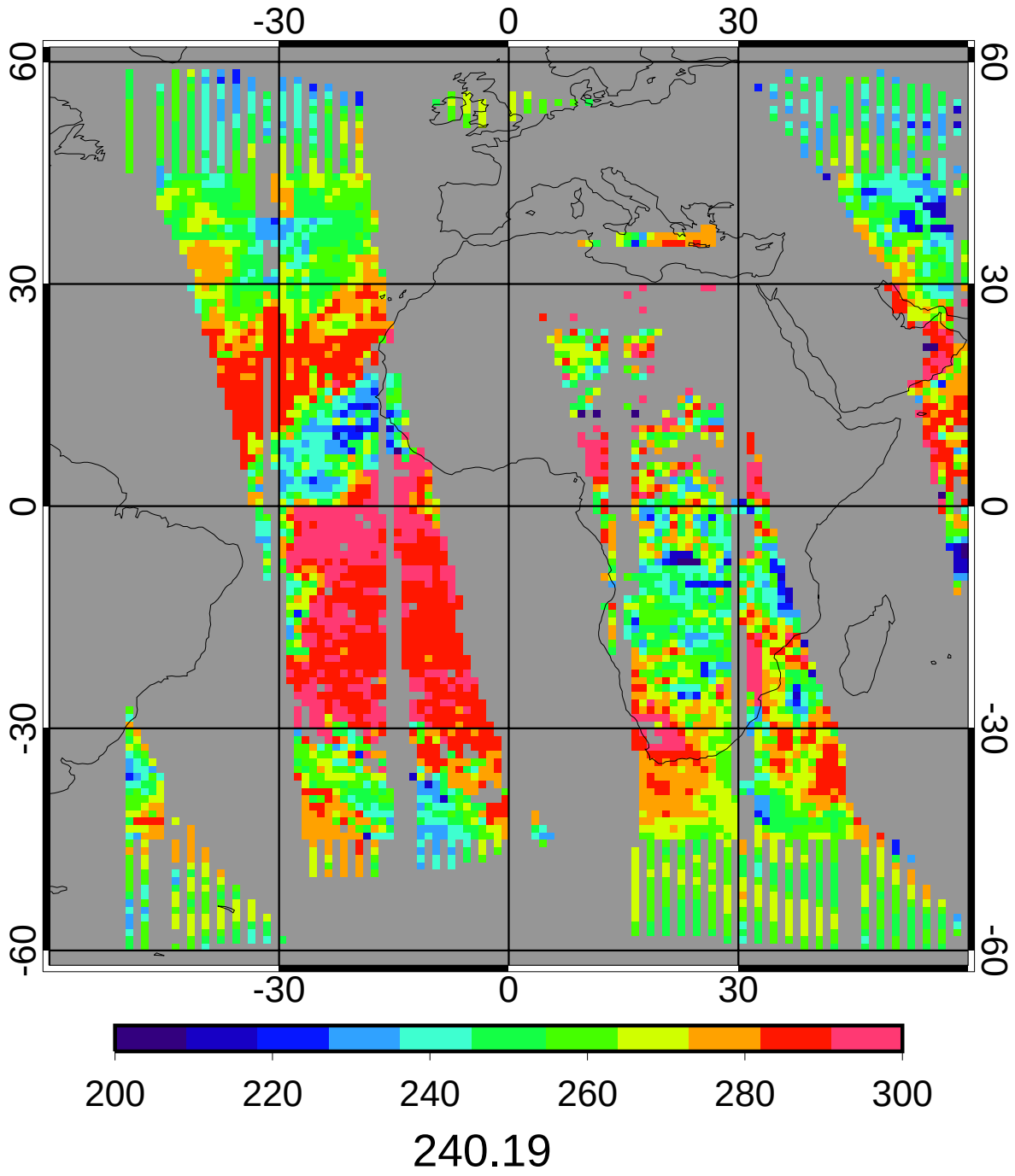




regave rms	0.45	51.19%
domain rms	0.62	71.36%

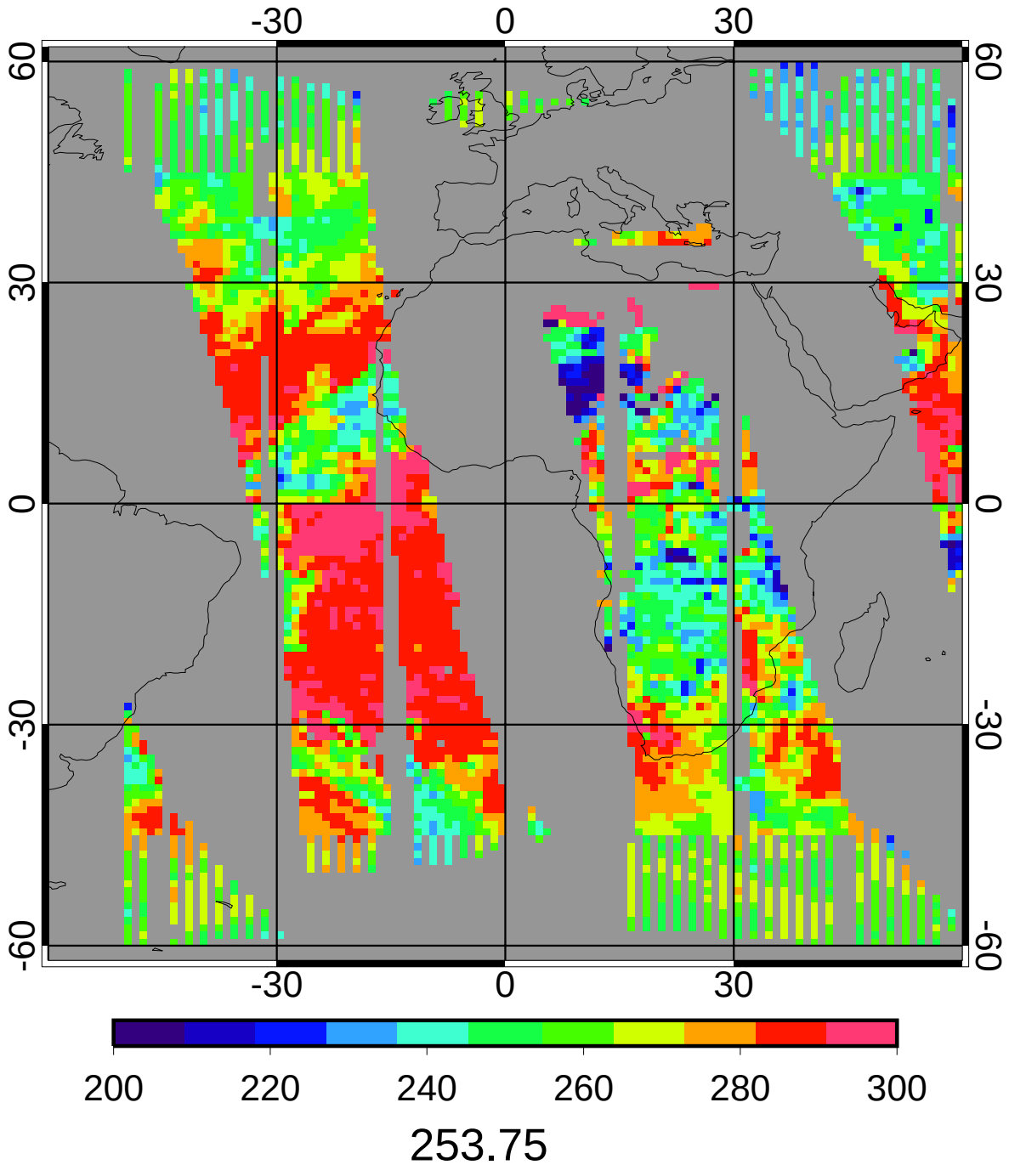
GGEO MEAN Daytime Cloud Temperature (K)

5ch_39cal Jan 2010



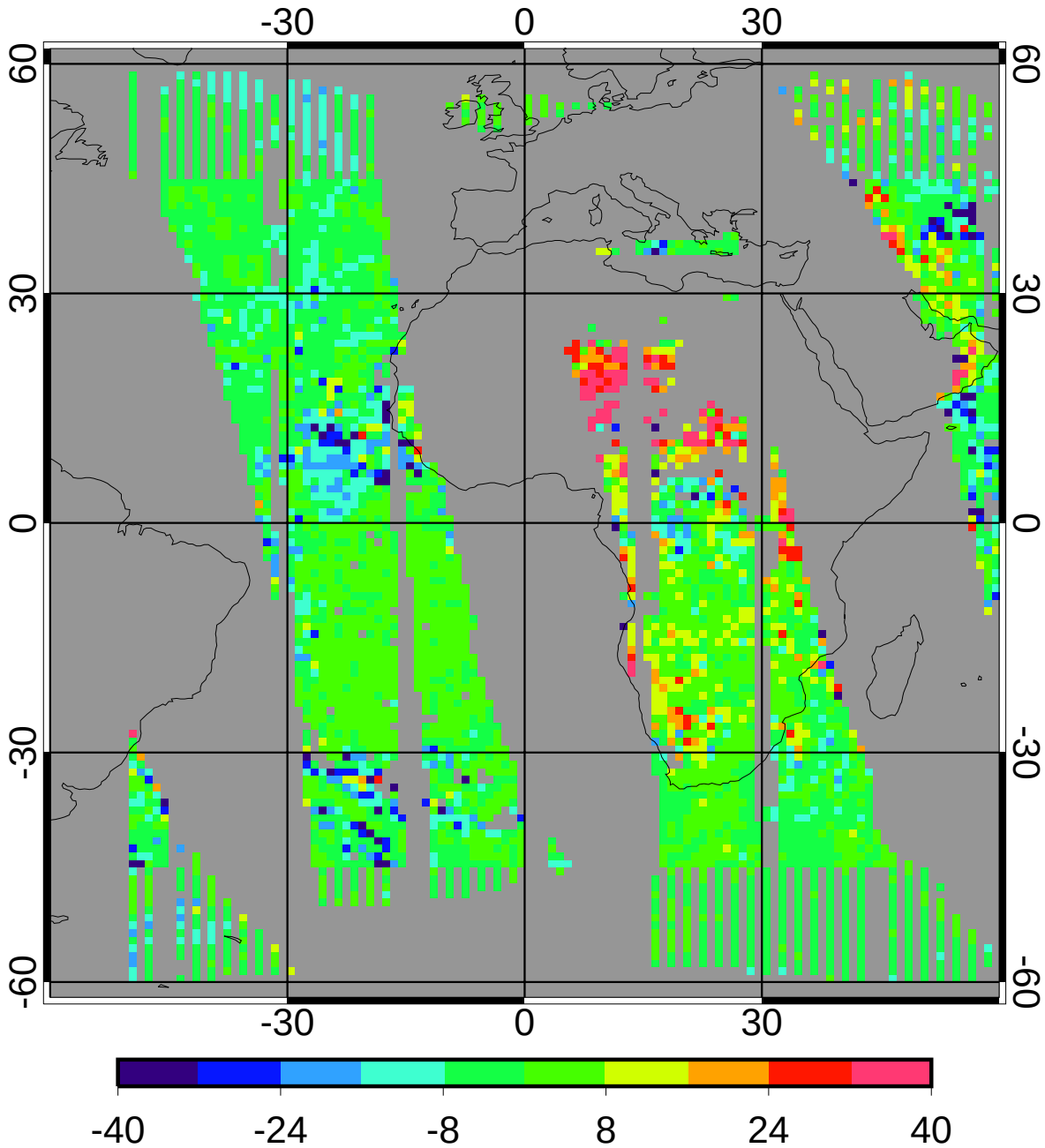
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch_39cal Jan 2010



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

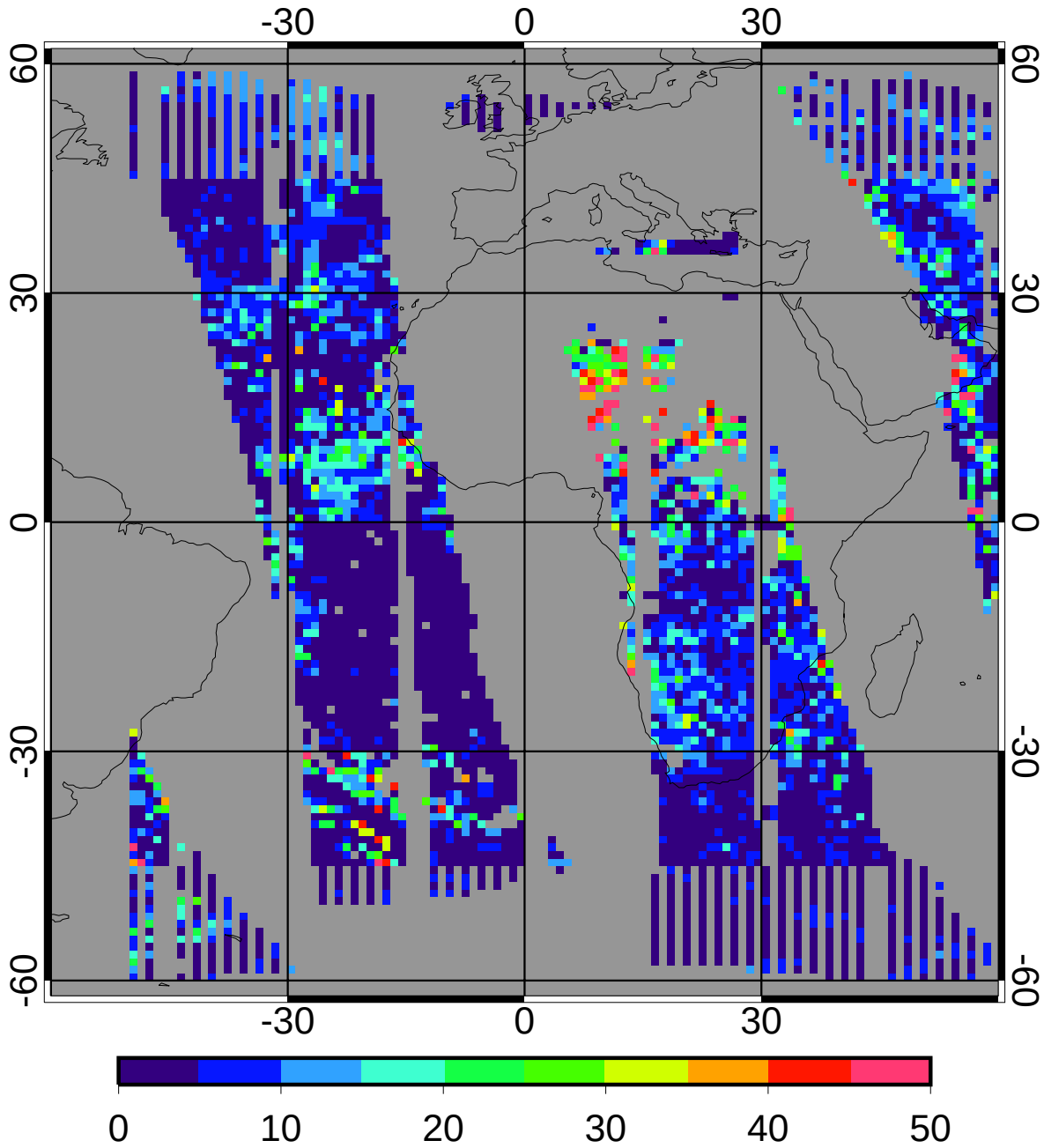
5ch_39cal Jan 2010



bias	-0.72	-0.28%
domain sigma	10.32	4.07%

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

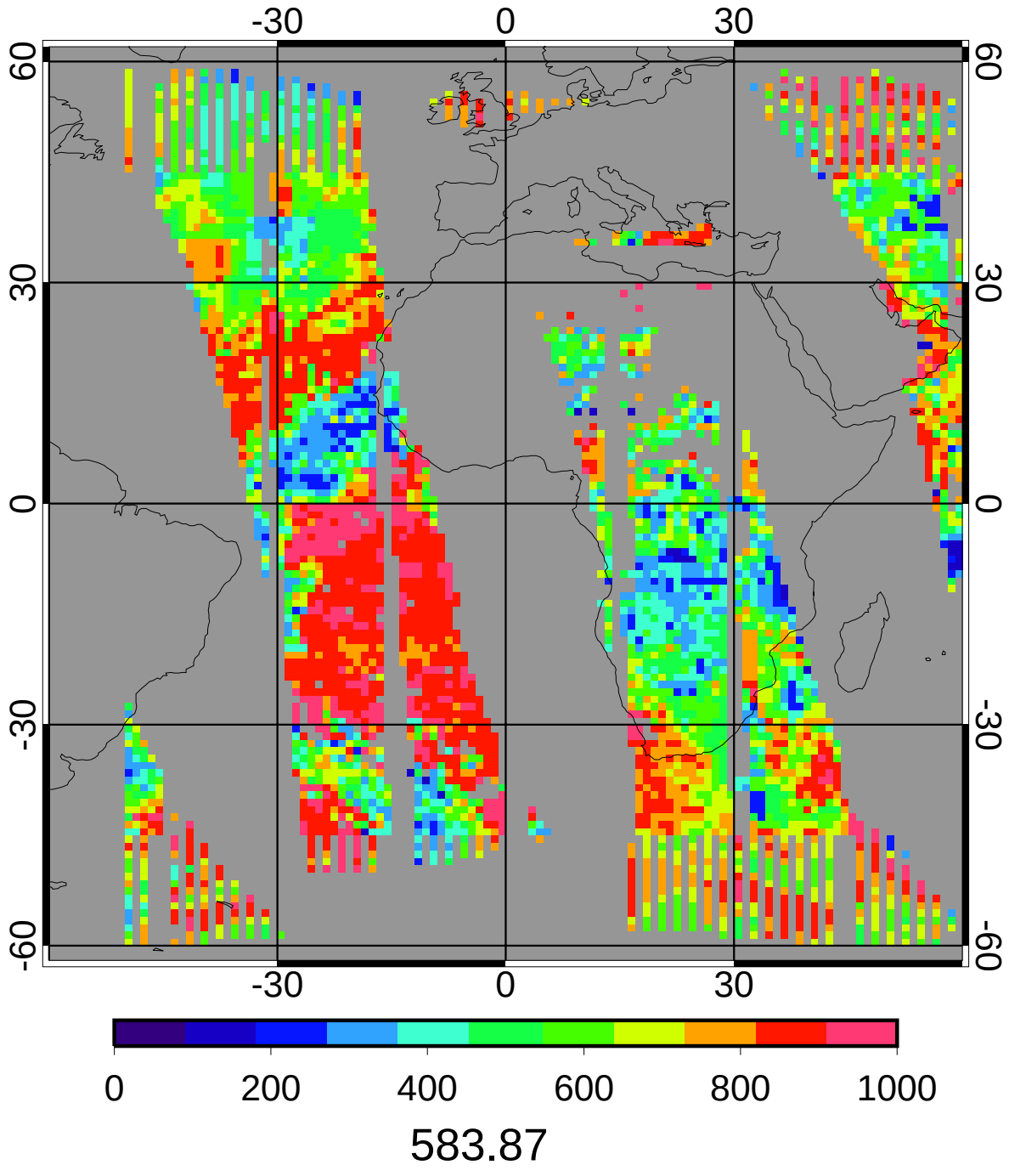
5ch_39cal Jan 2010



regave rms	6.71	2.64%
domain rms	9.98	3.93%

GGEO MEAN Daytime Cloud Eff Pressure (mb)

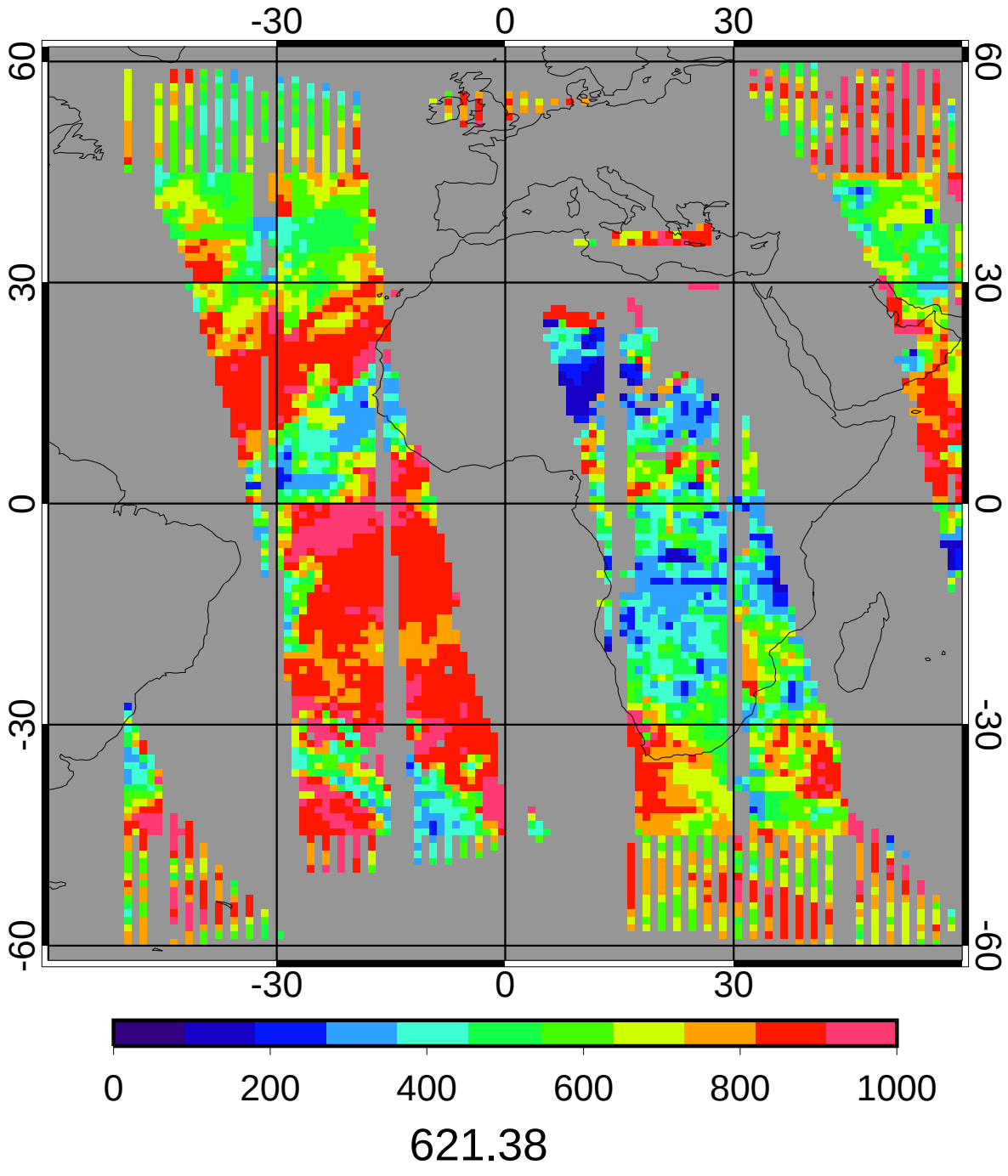
5ch_39cal Jan 2010



583.87

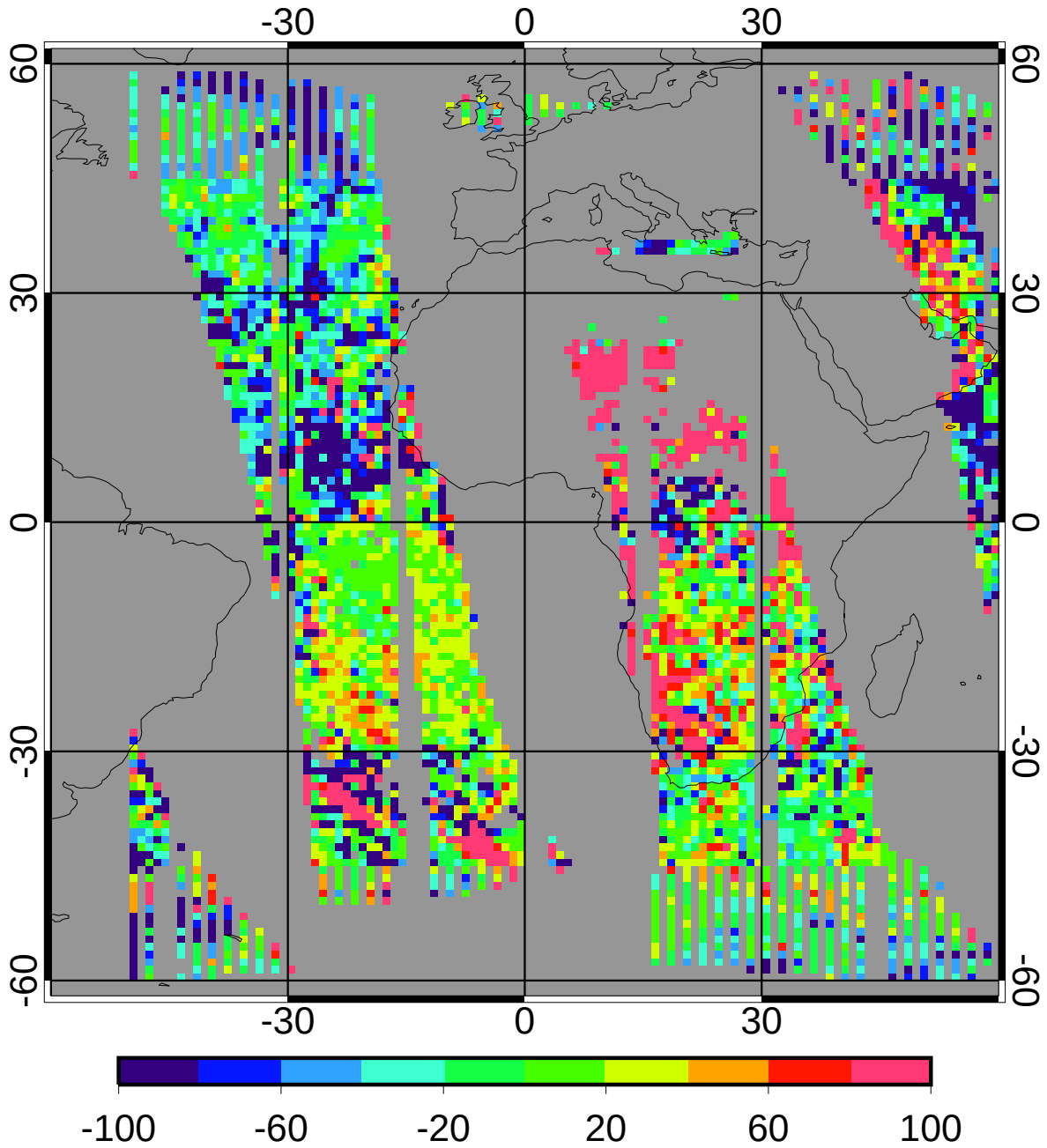
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Jan 2010



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

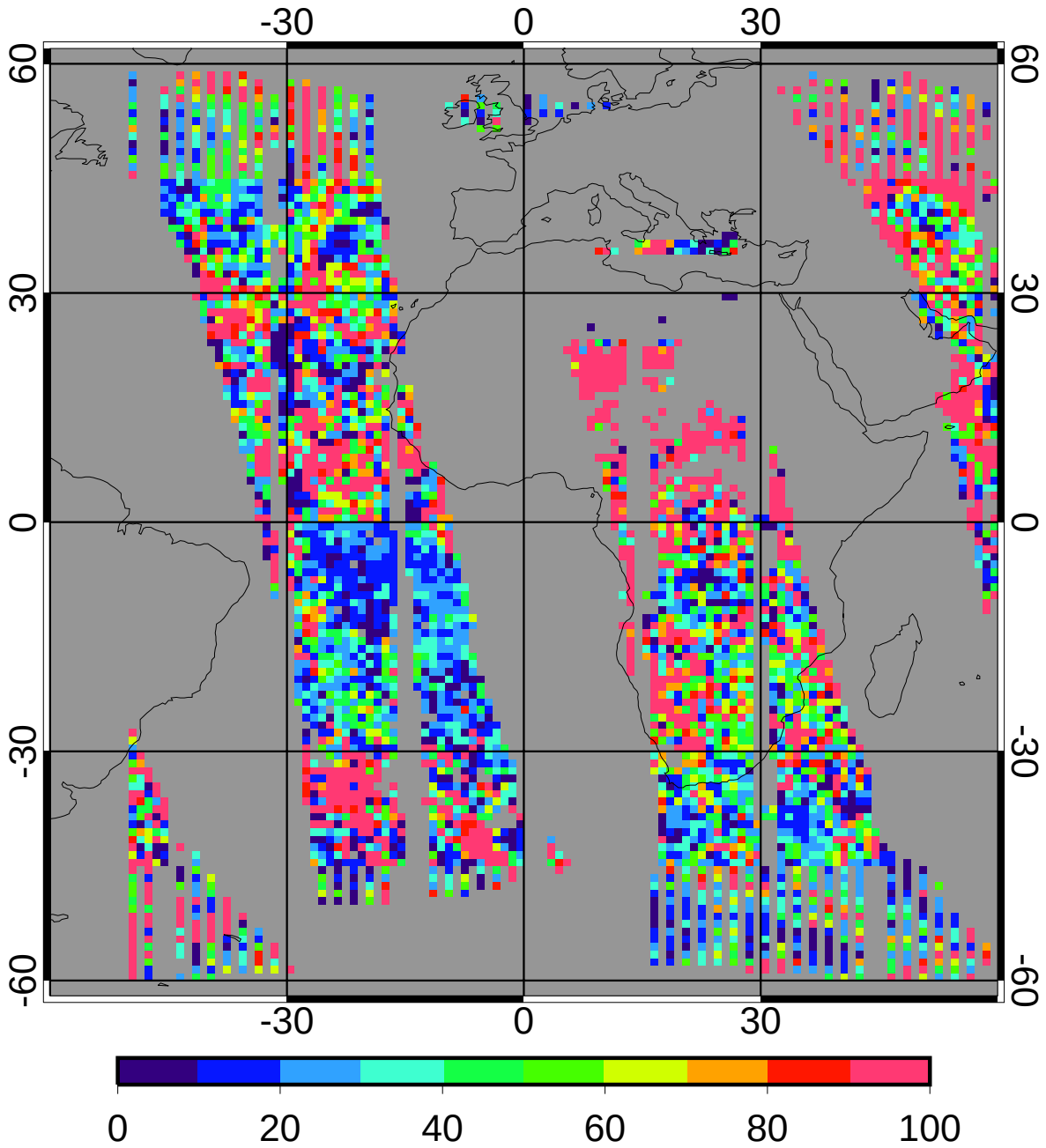
5ch_39cal Jan 2010



bias	-6.38	-1.03%
domain sigma	95.34	15.34%

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

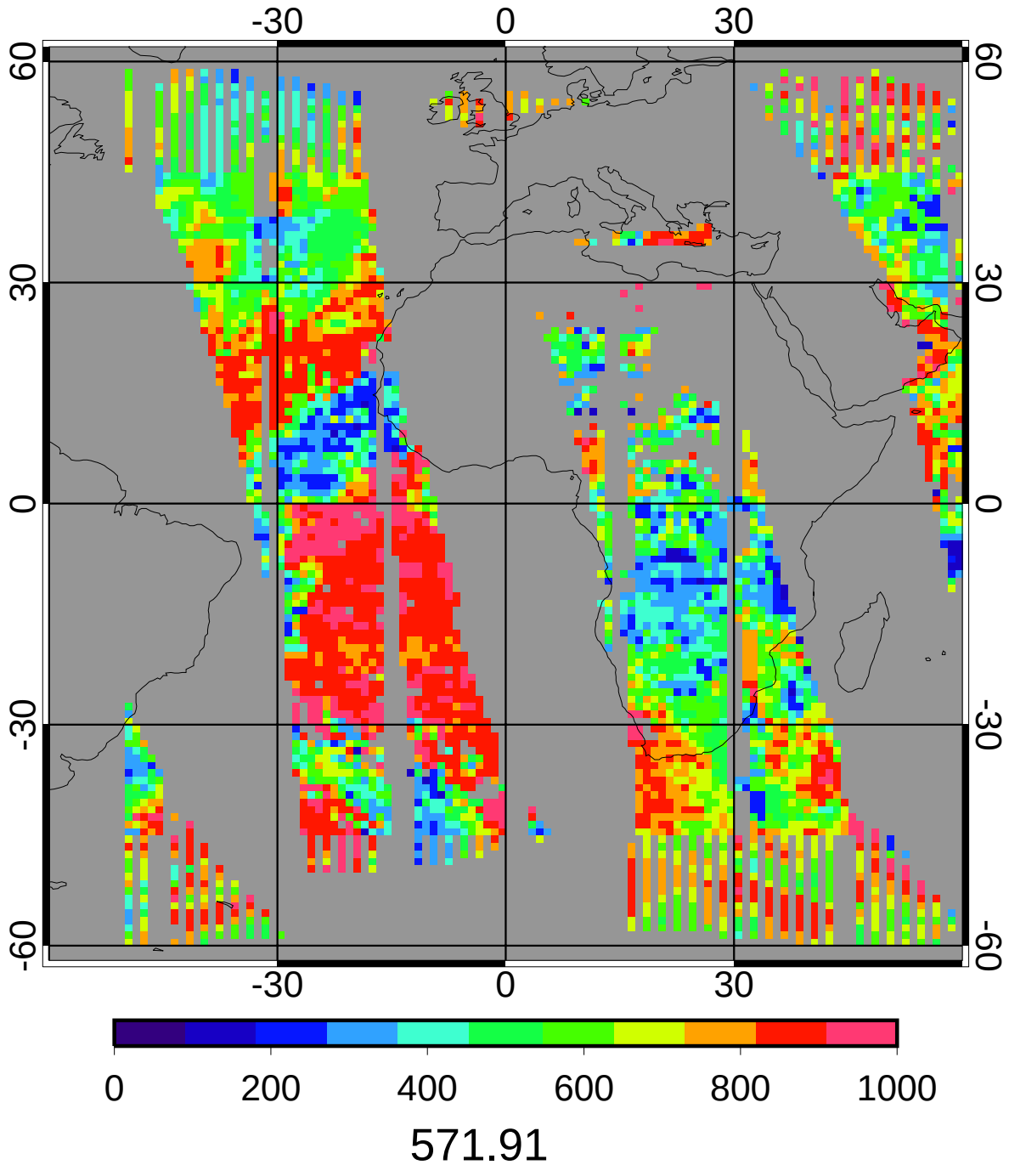
5ch_39cal Jan 2010



regave rms	65.83	10.59%
domain rms	95.14	15.31%

GGEO MEAN Daytime Cloud Top Pressure (mb)

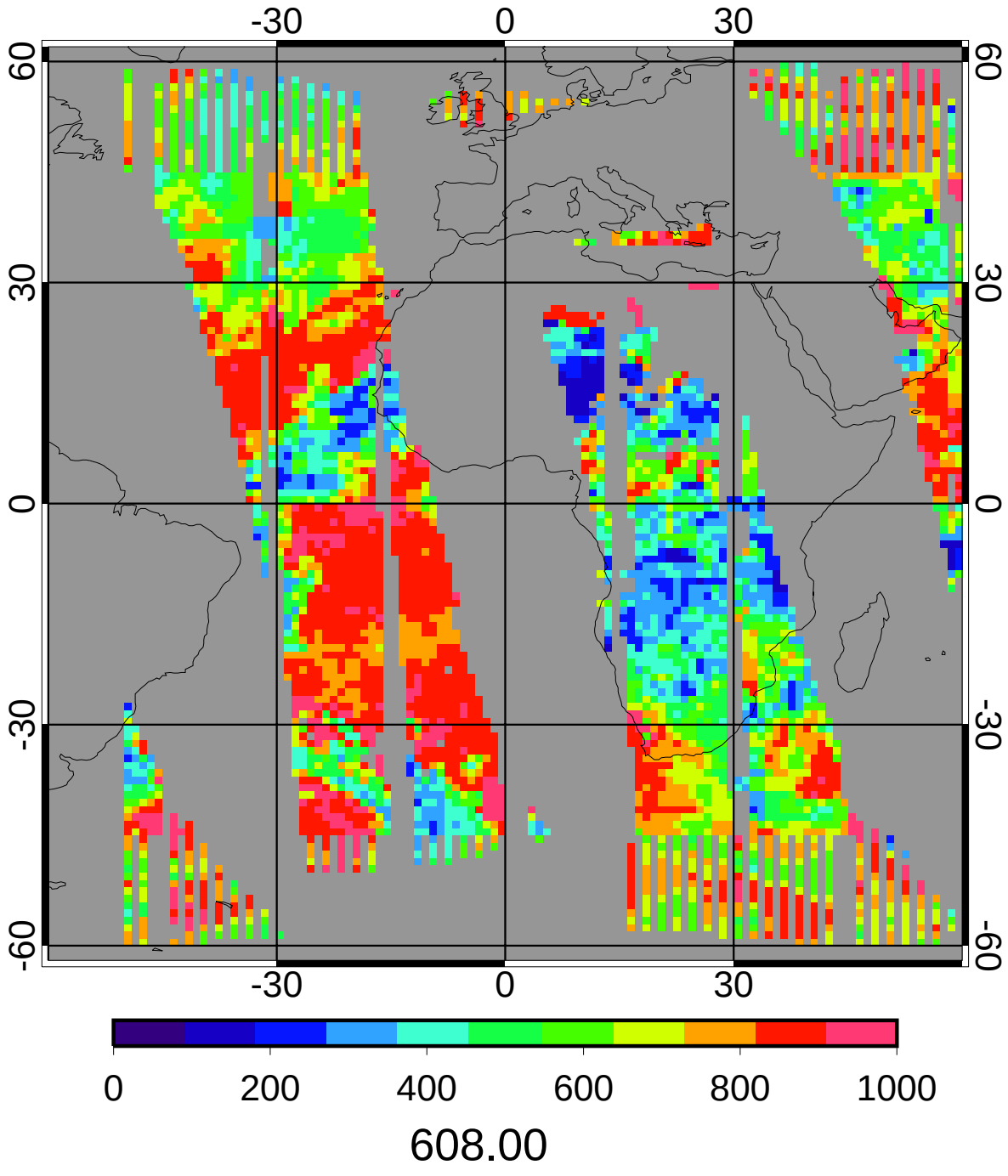
5ch_39cal Jan 2010



571.91

CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

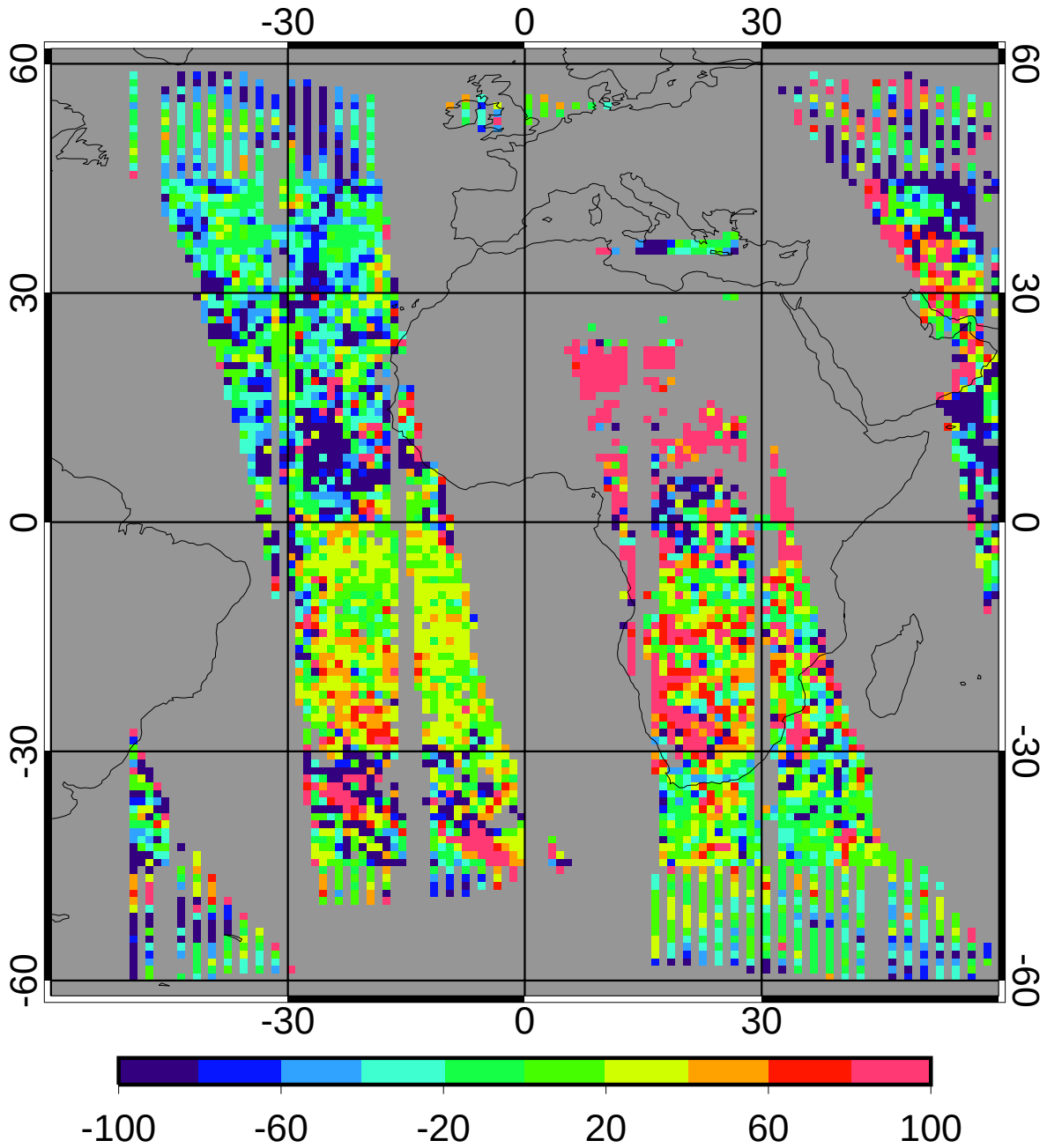
5ch_39cal Jan 2010



608.00

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

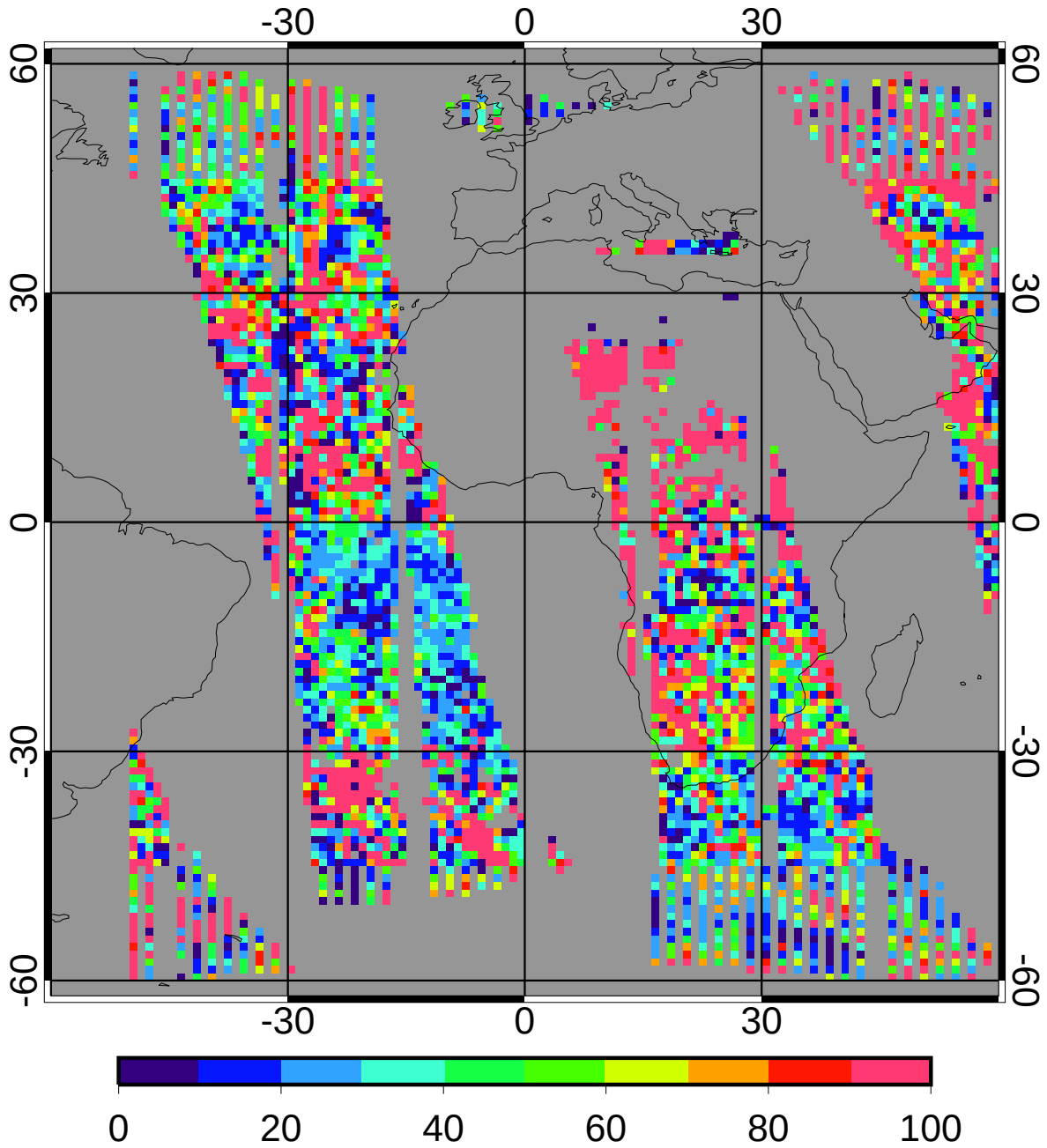
5ch_39cal Jan 2010



bias	-5.53	-0.91%
domain sigma	97.39	16.02%

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

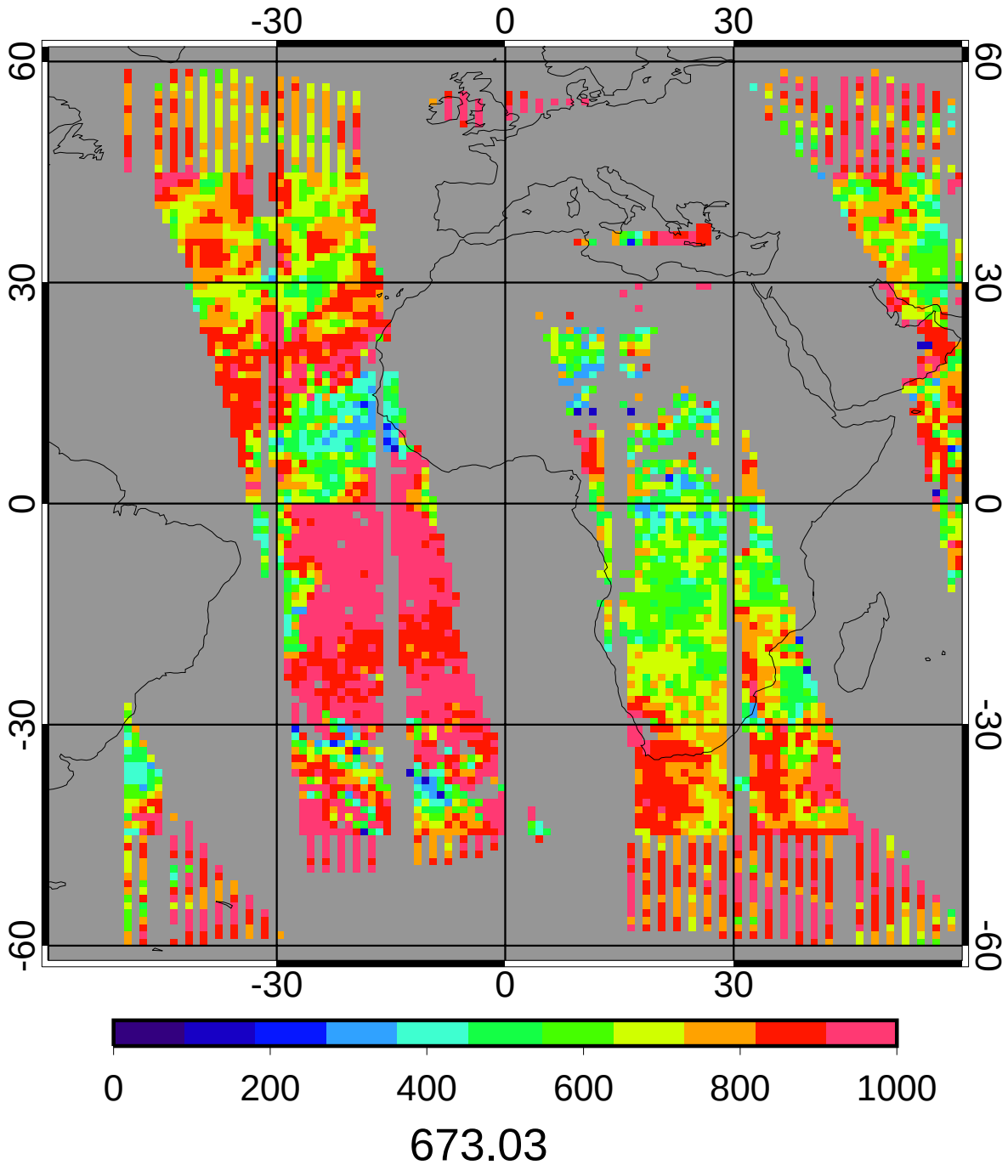
5ch_39cal Jan 2010



regave rms	68.24	11.22%
domain rms	97.50	16.04%

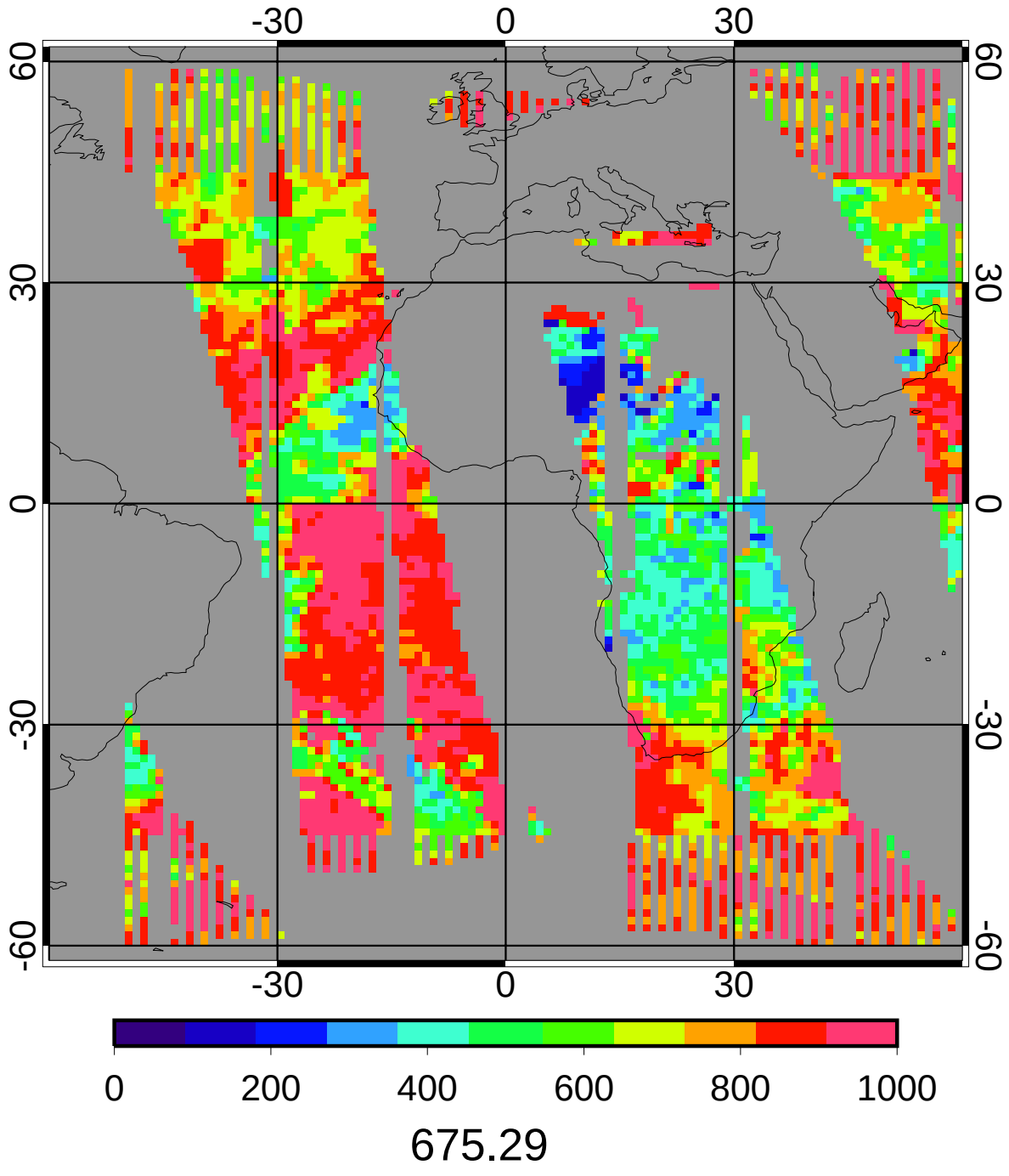
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Jan 2010



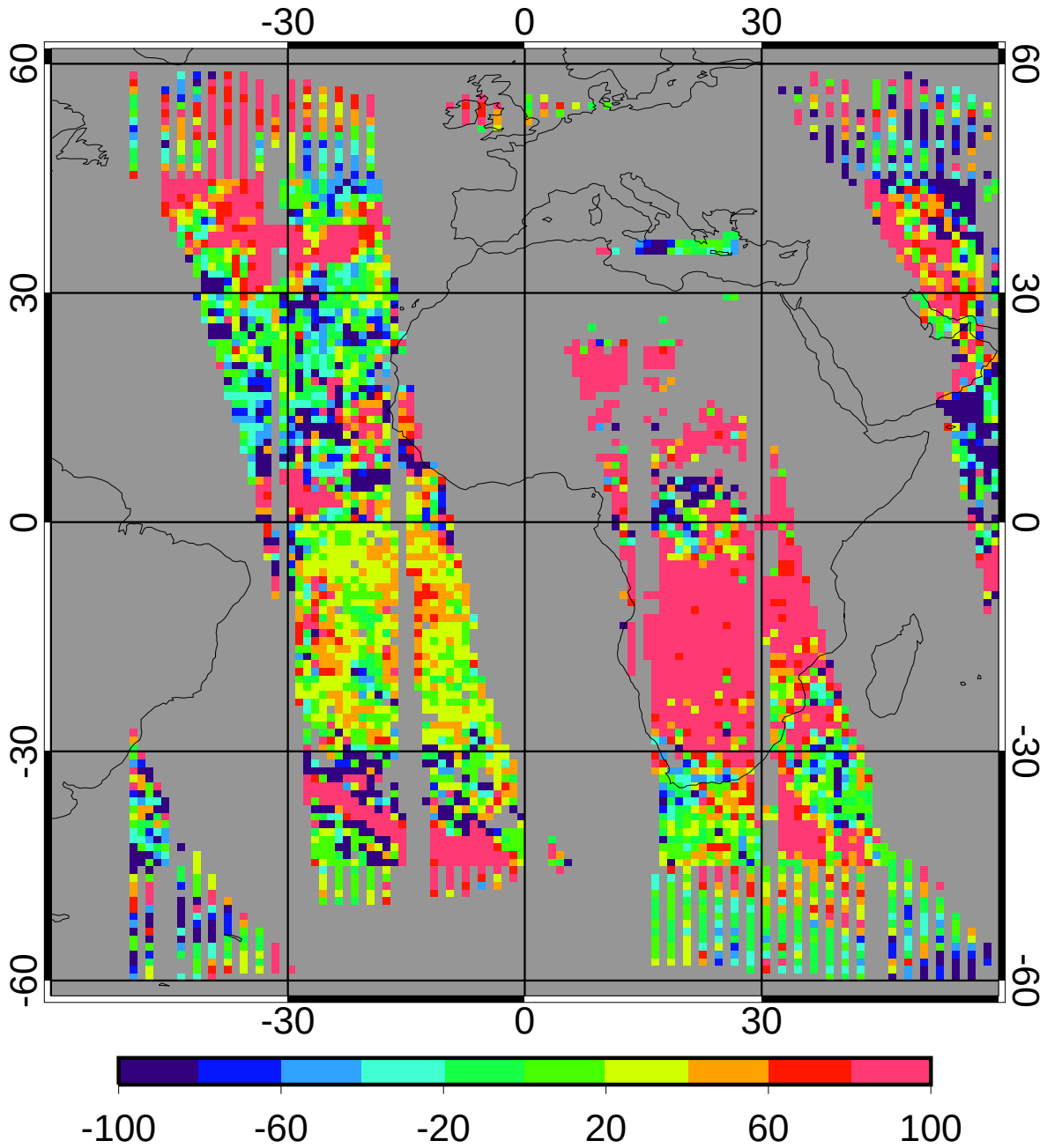
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Jan 2010



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

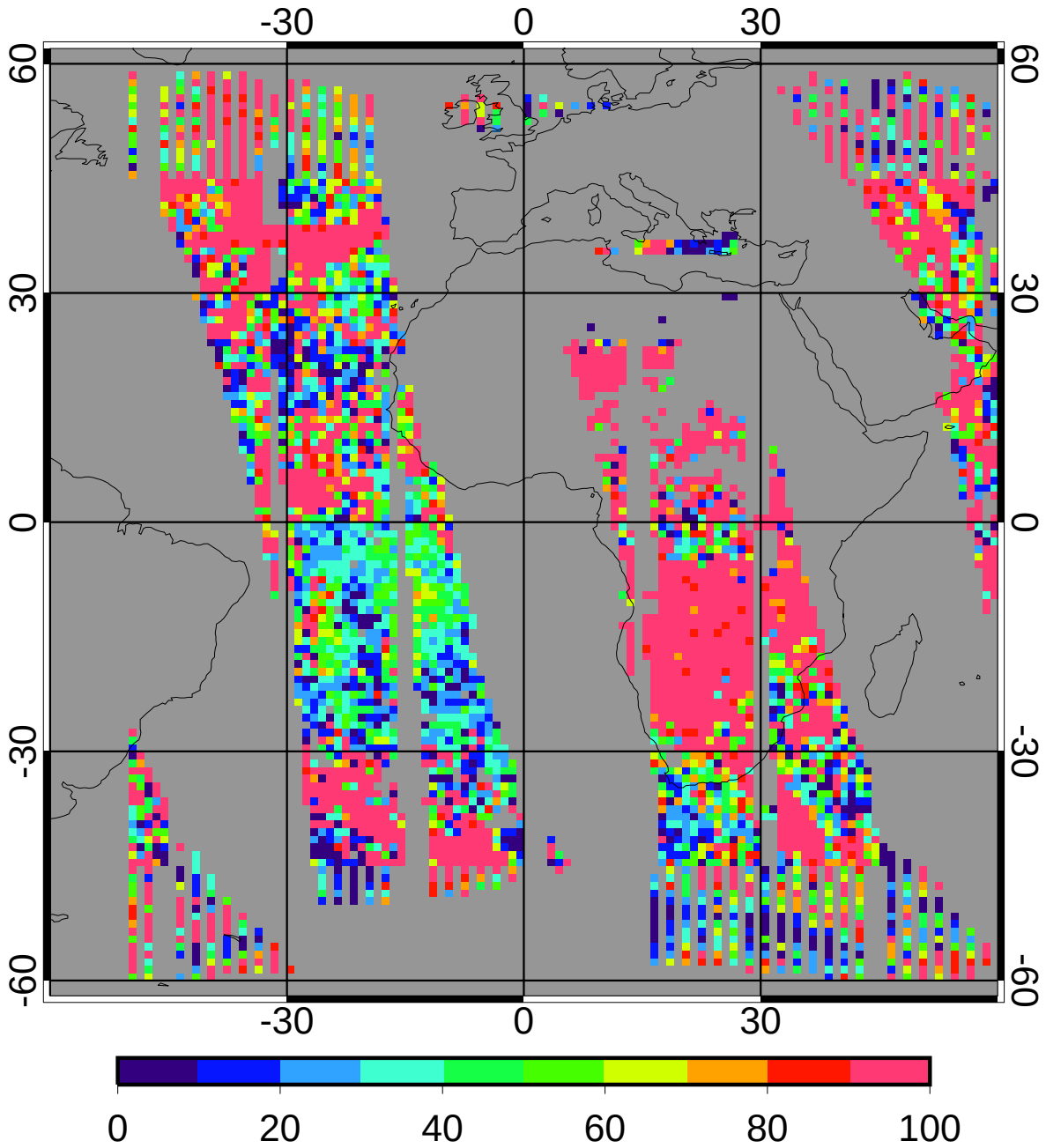
5ch_39cal Jan 2010



bias	29.48	4.37%
domain sigma	106.44	15.76%

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

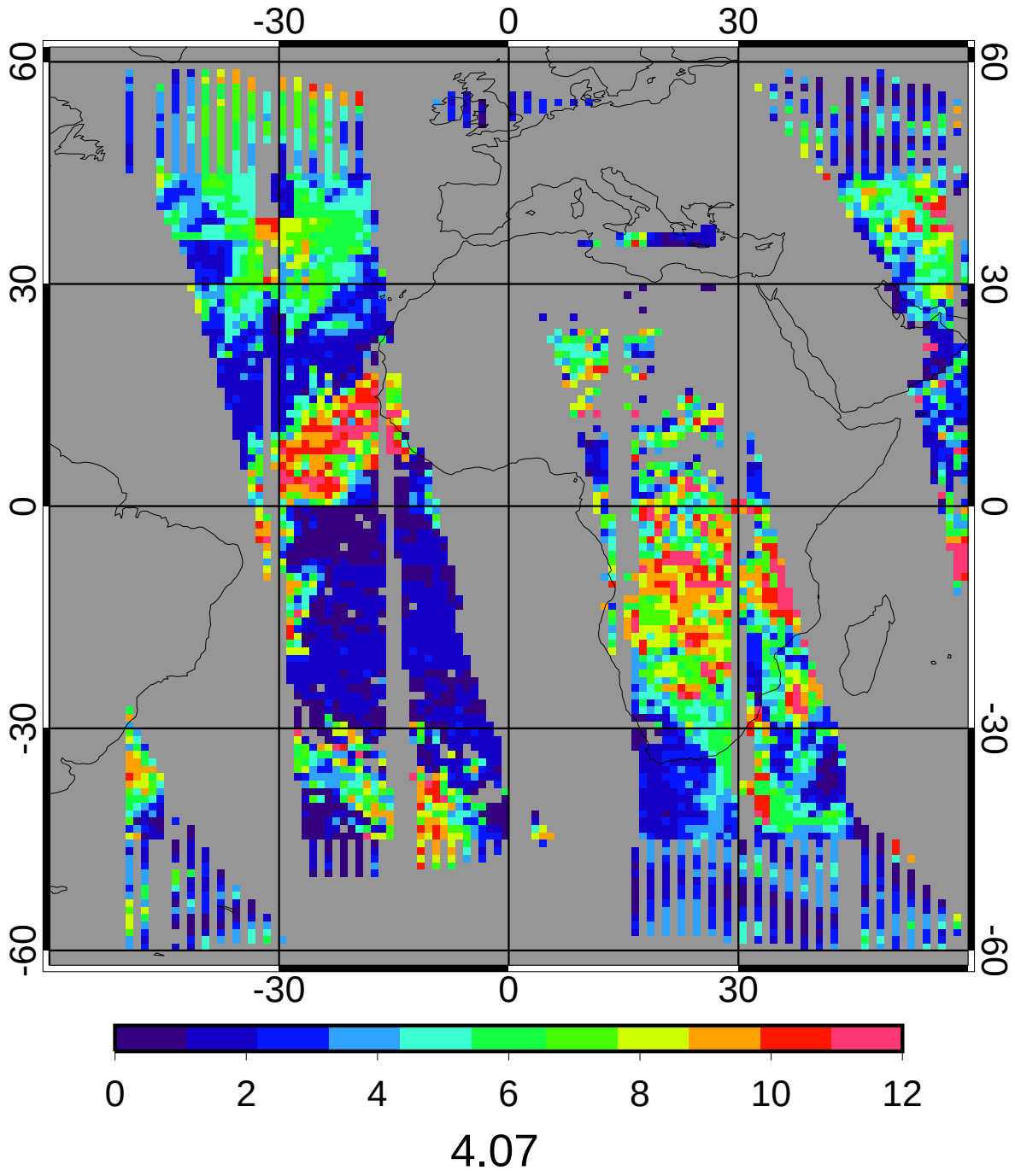
5ch_39cal Jan 2010



regave rms	86.90	12.87%
domain rms	115.85	17.16%

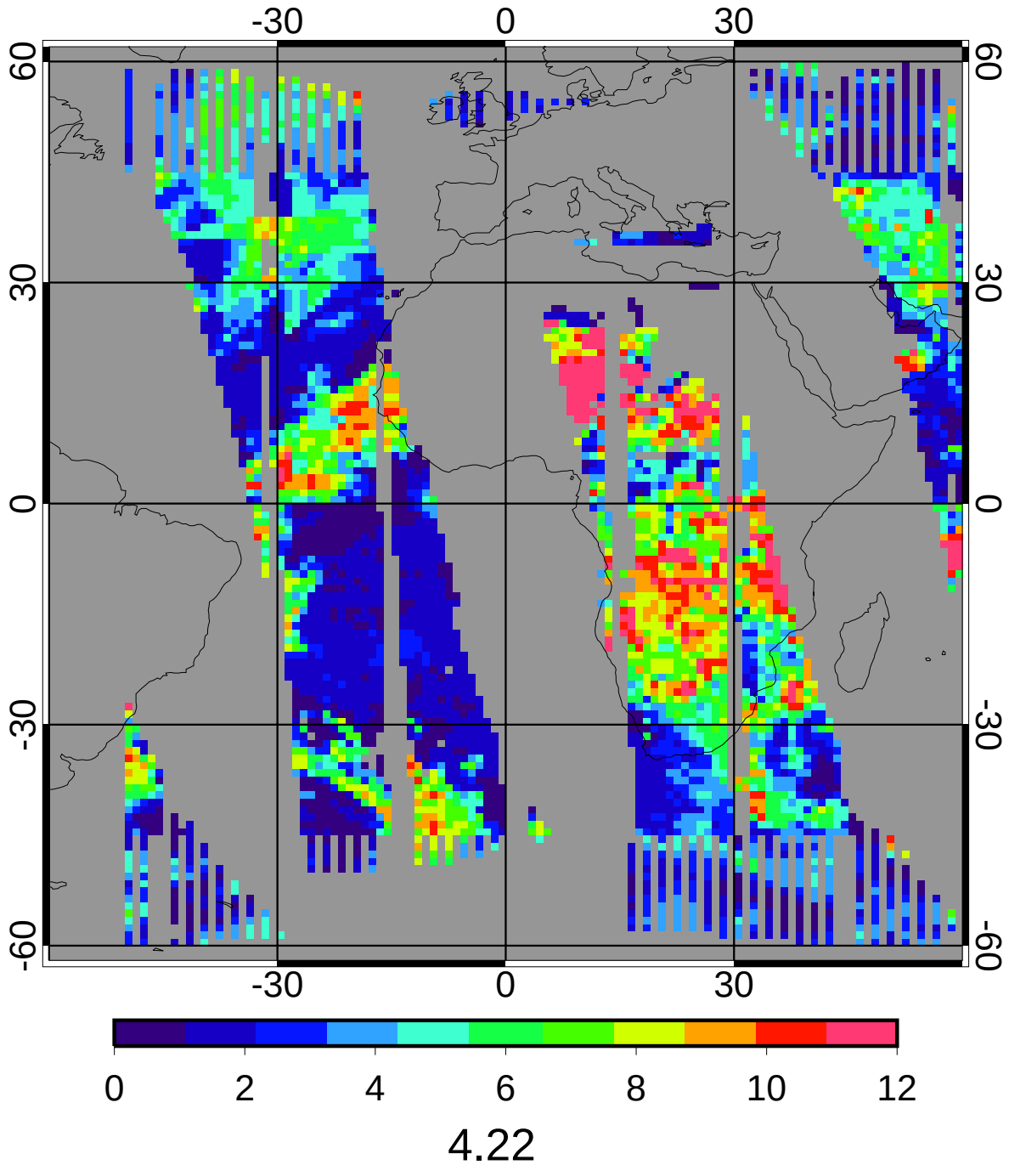
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_39cal Jan 2010



CERES/Aqua MEAN Daytime Cloud Eff Height (km)

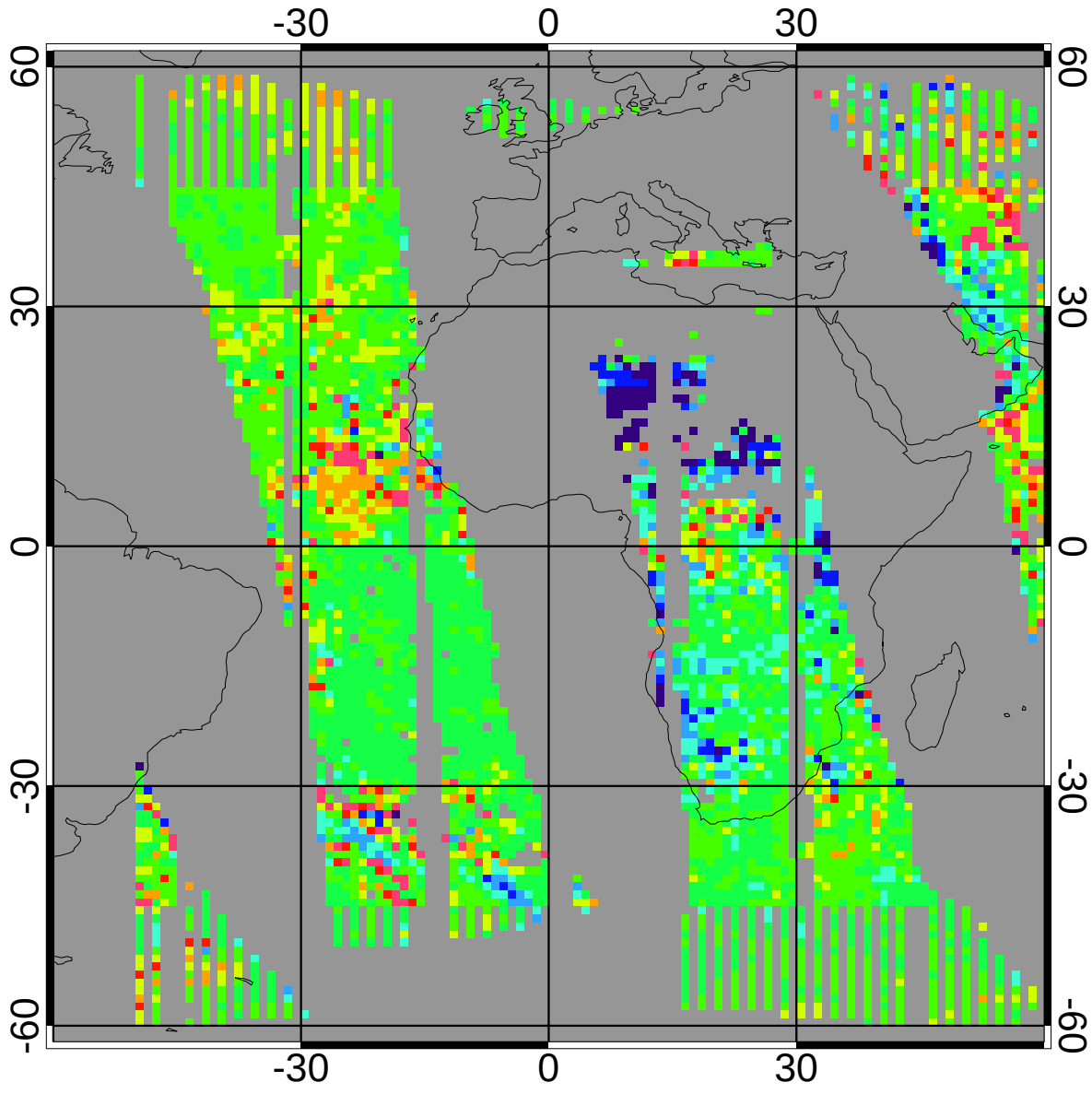
5ch_39cal Jan 2010



4.22

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

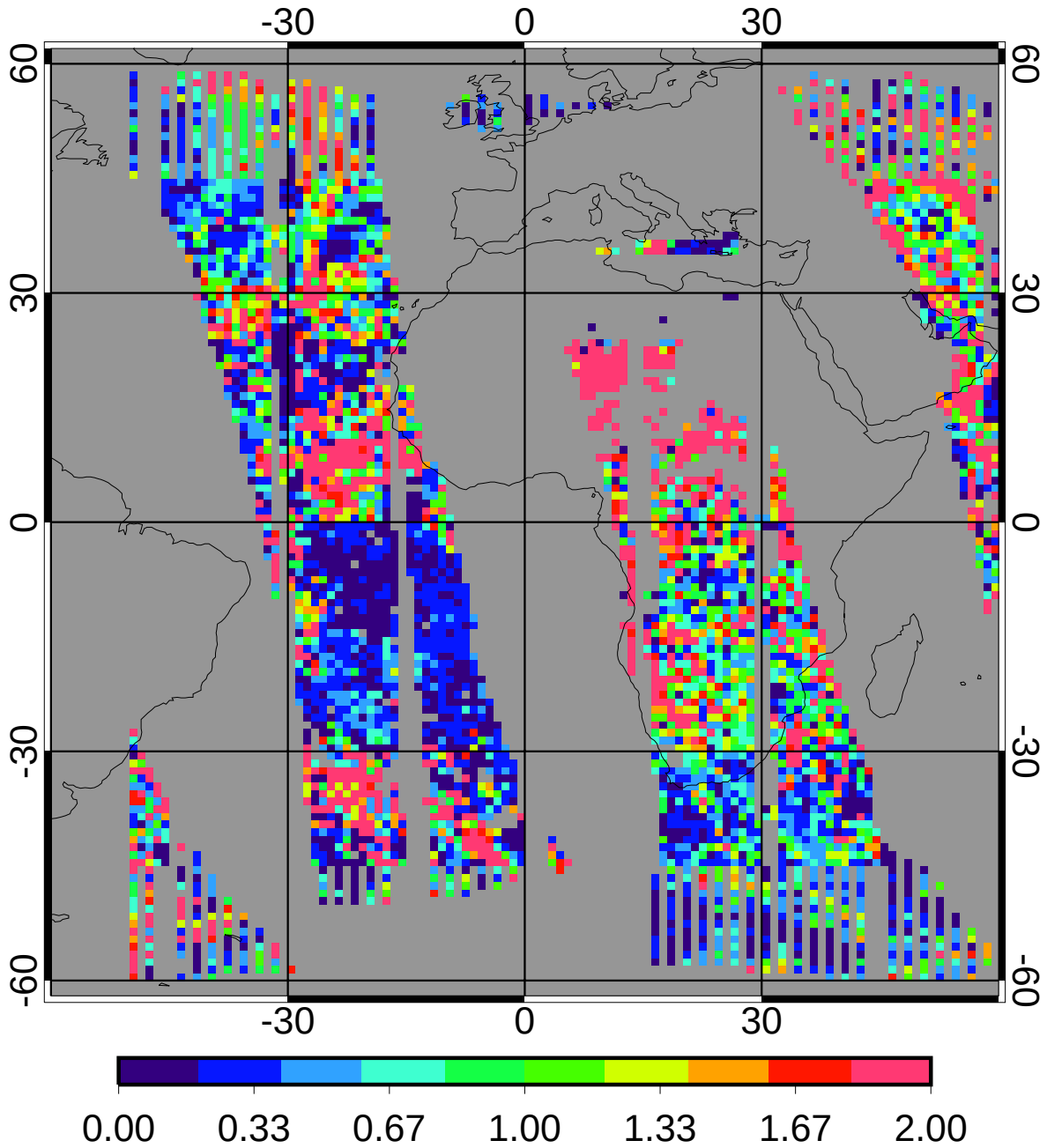
5ch_39cal Jan 2010



bias	0.10	2.43%
domain sigma	1.59	37.56%

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

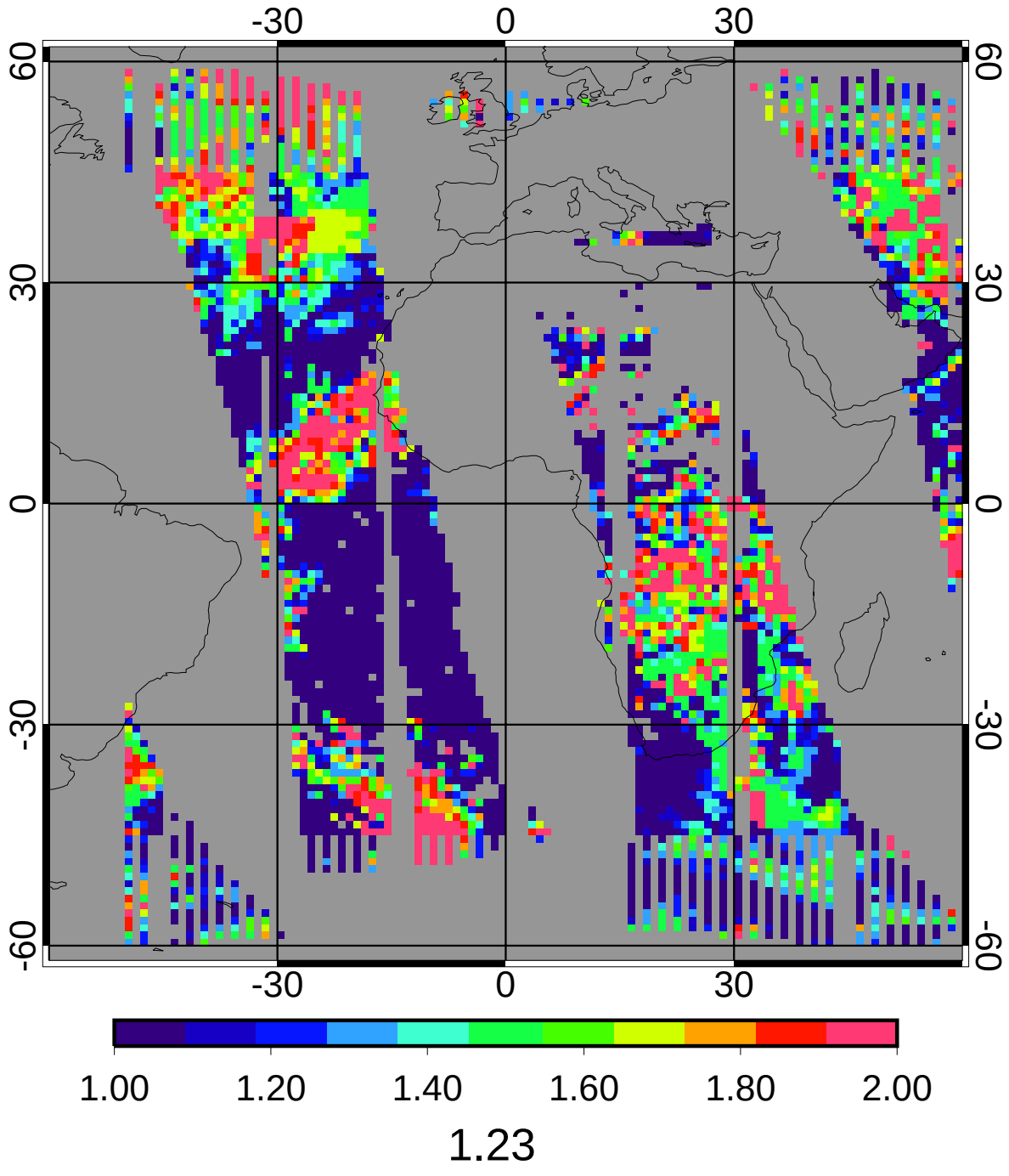
5ch_39cal Jan 2010



regave rms	1.05	24.76%
domain rms	1.55	36.84%

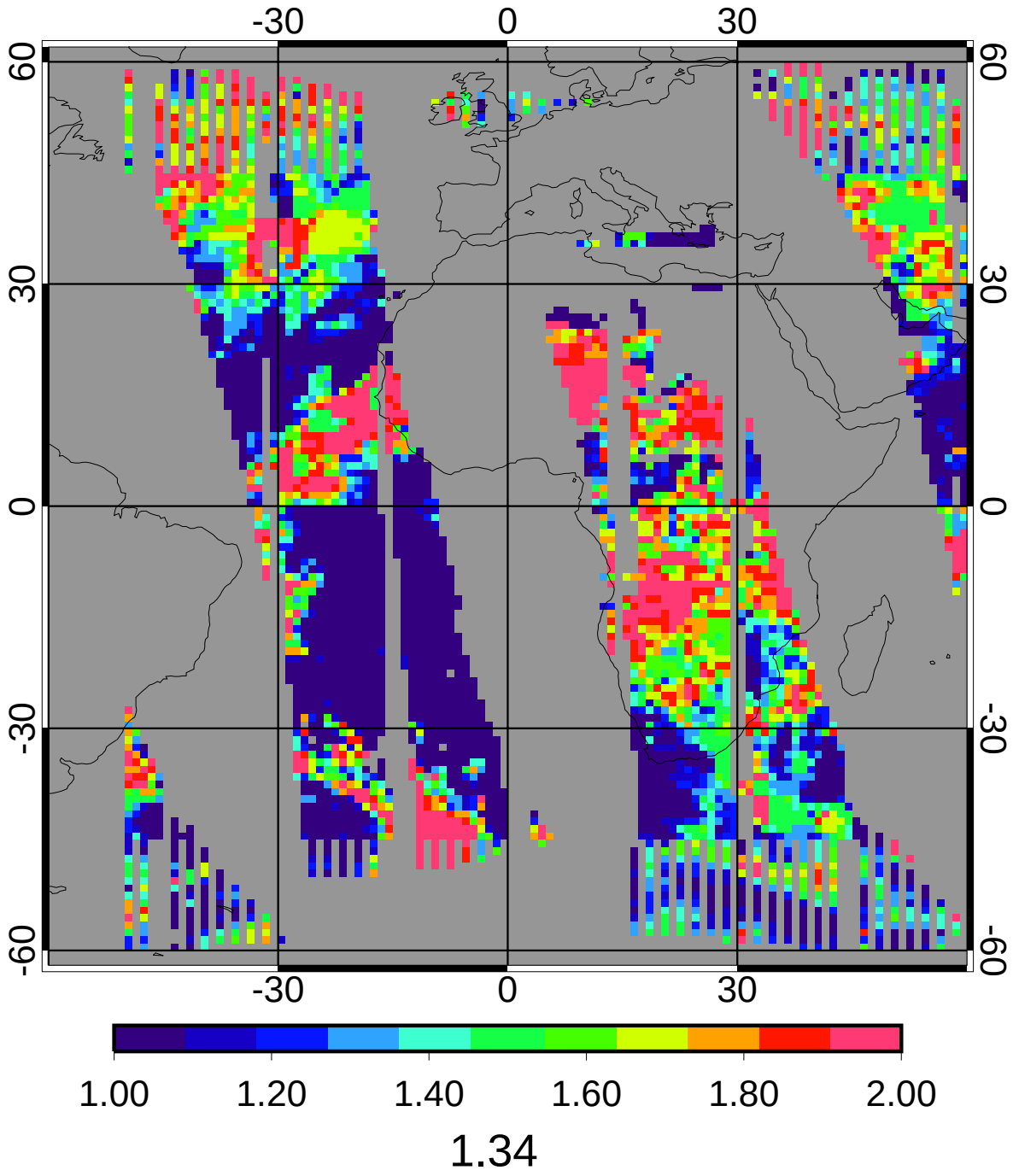
GGEO MEAN Daytime Cloud Phase

5ch_39cal Jan 2010



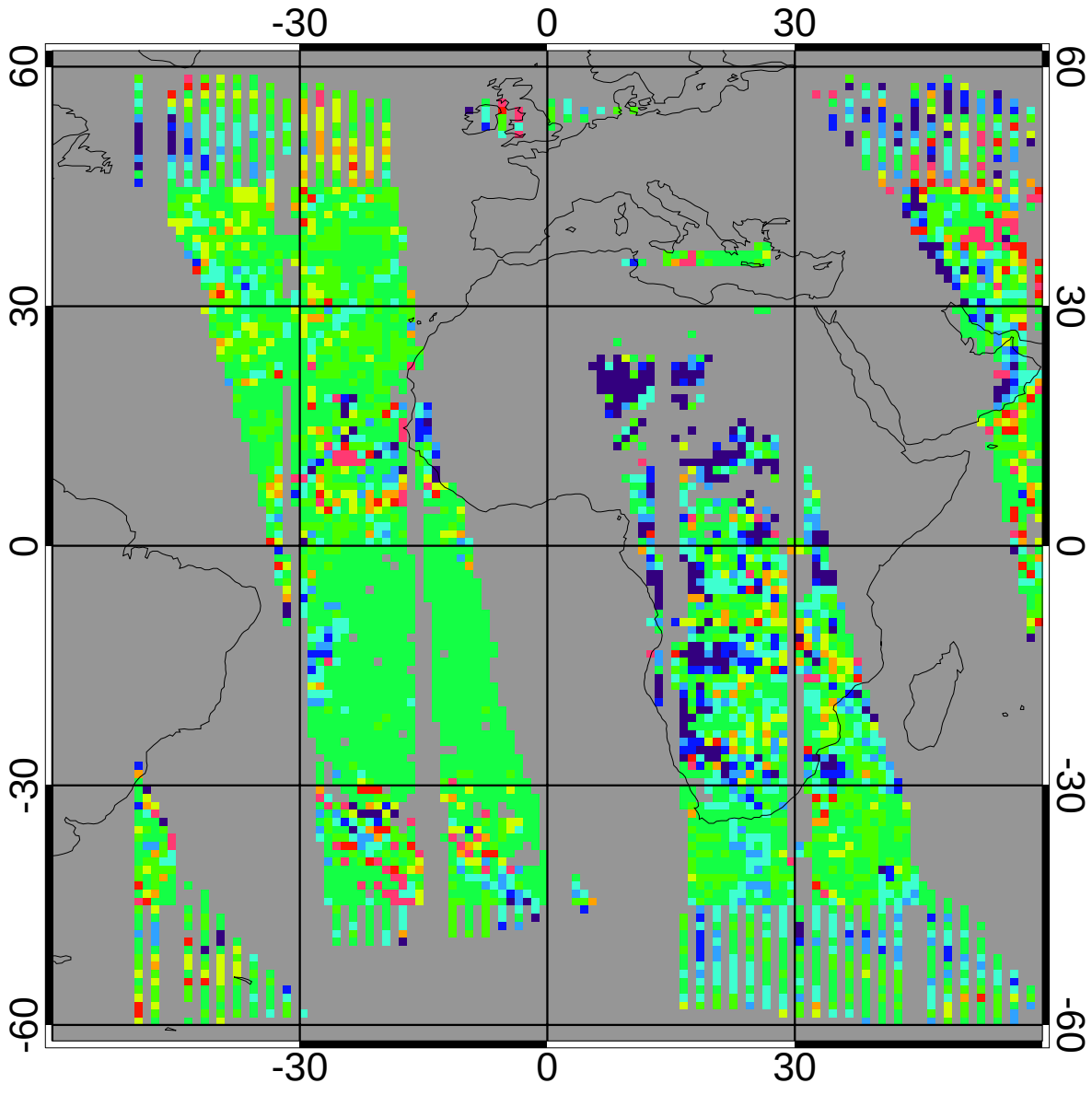
CERES/Aqua MEAN Daytime Cloud Phase

5ch_39cal Jan 2010



GGEO - CERES/Aqua Daytime Cloud Phase Bias

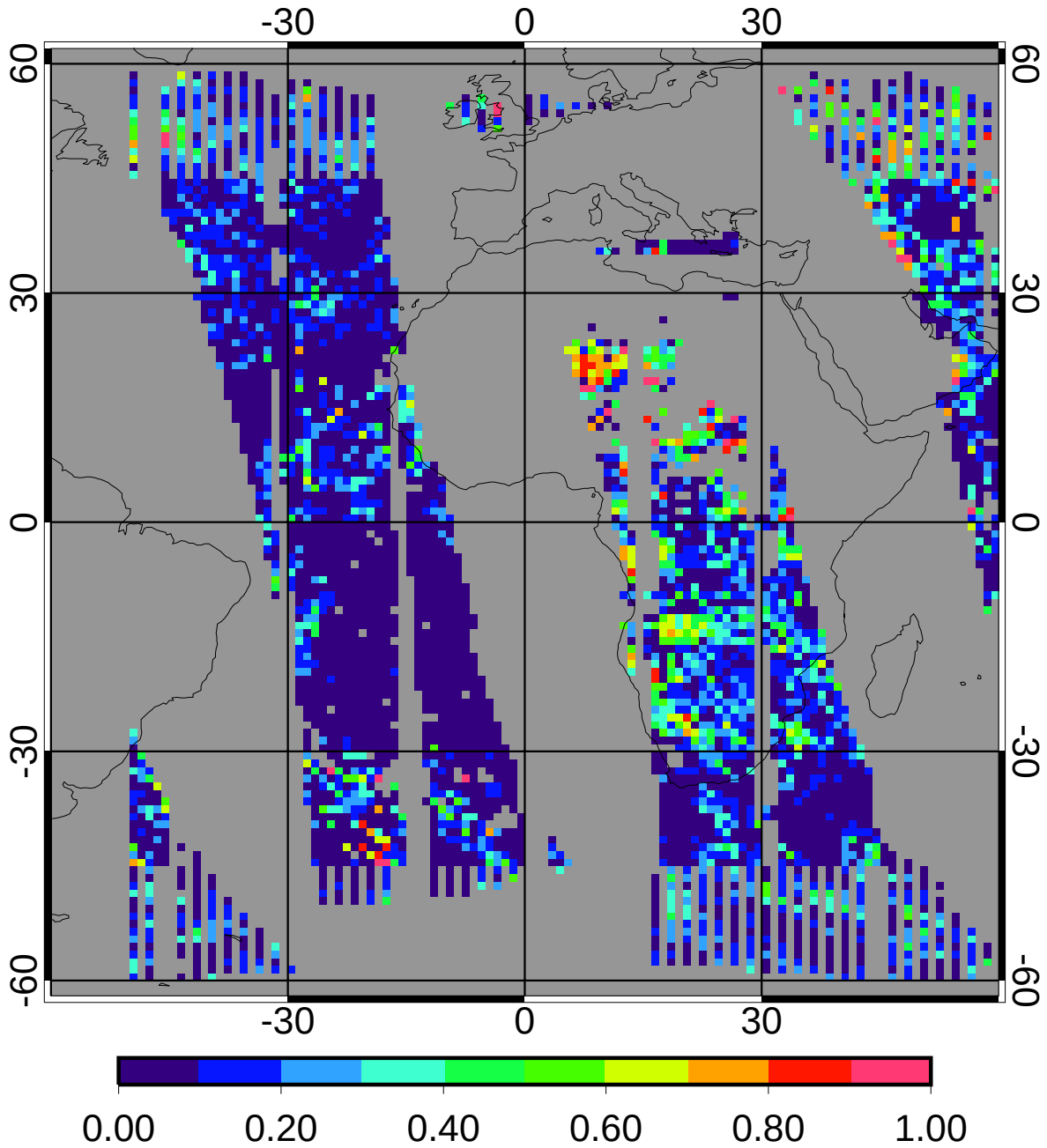
5ch_39cal Jan 2010



bias	-0.04	-2.93%
domain sigma	0.18	13.80%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

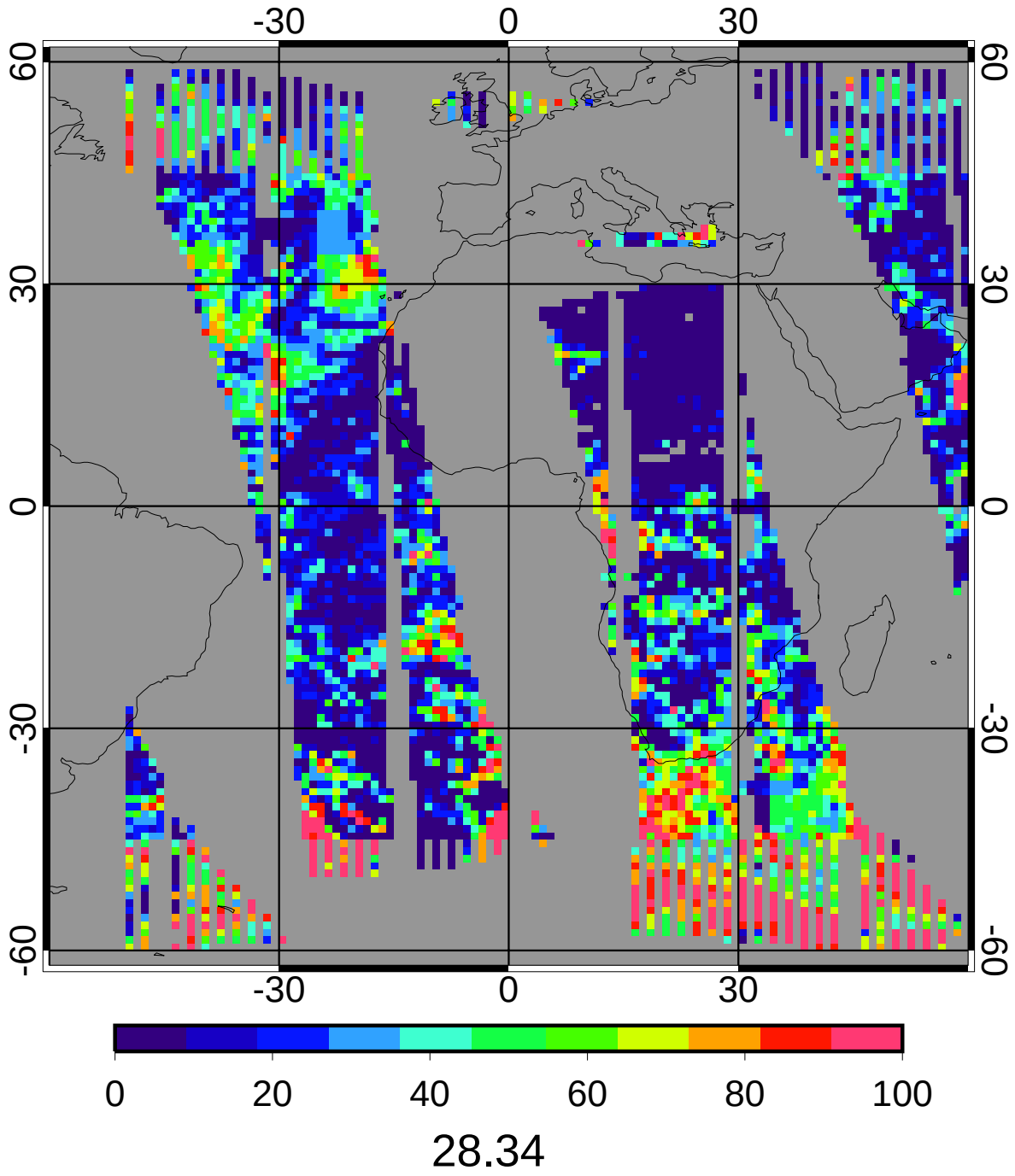
5ch_39cal Jan 2010



regave rms	0.13	9.64%
domain rms	0.20	15.13%

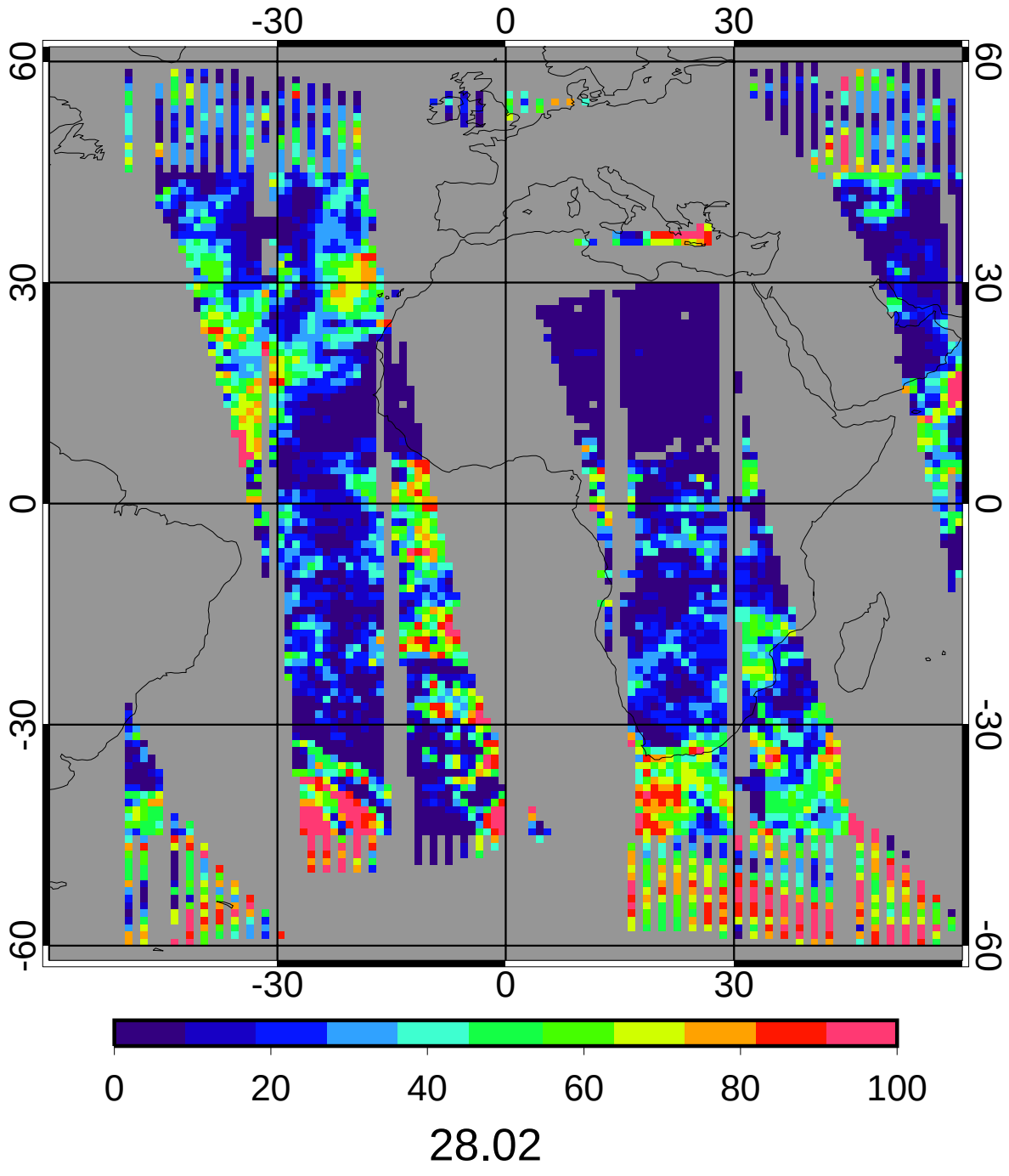
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Jan 2010



CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

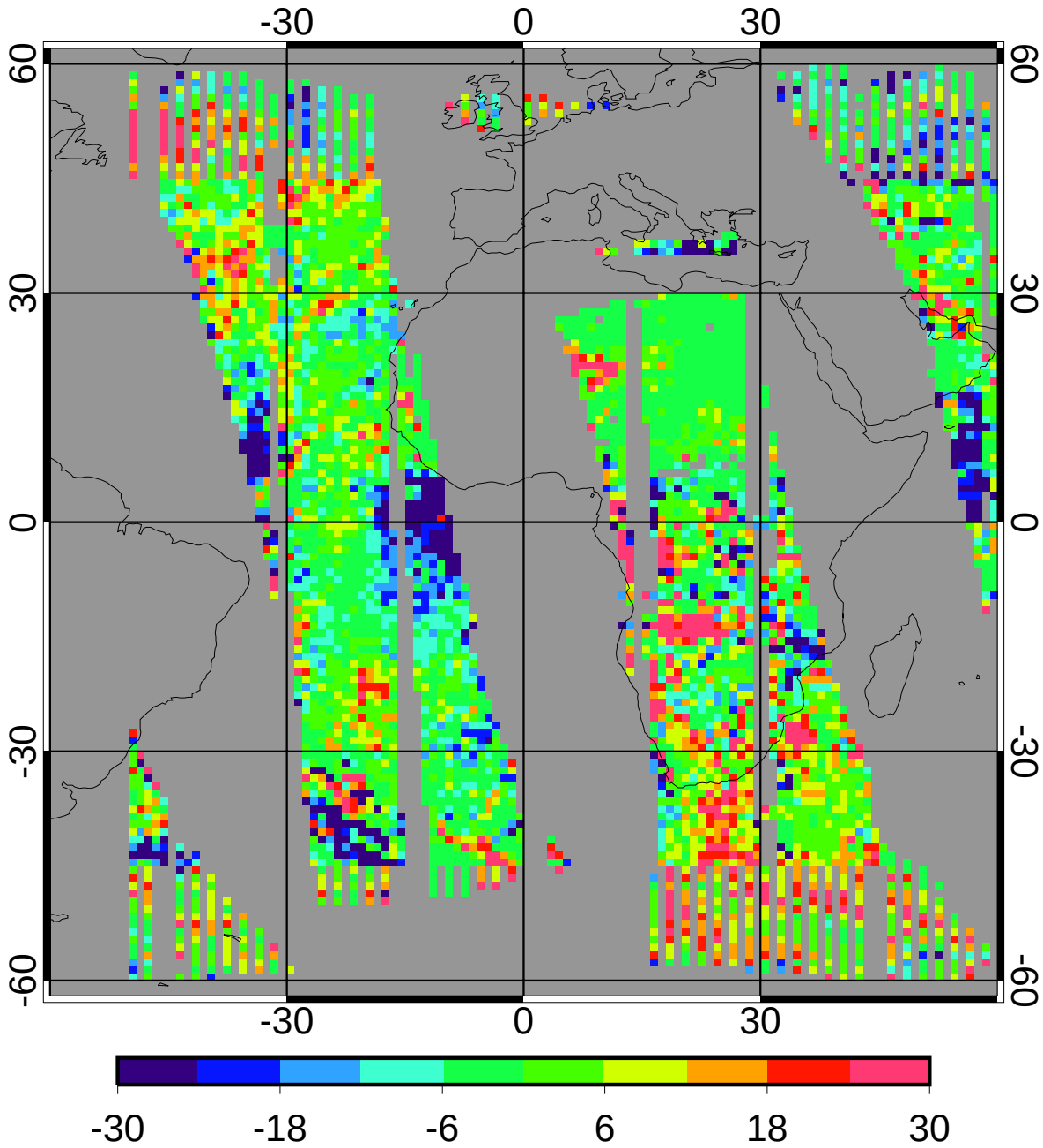
5ch_39cal Jan 2010



28.02

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

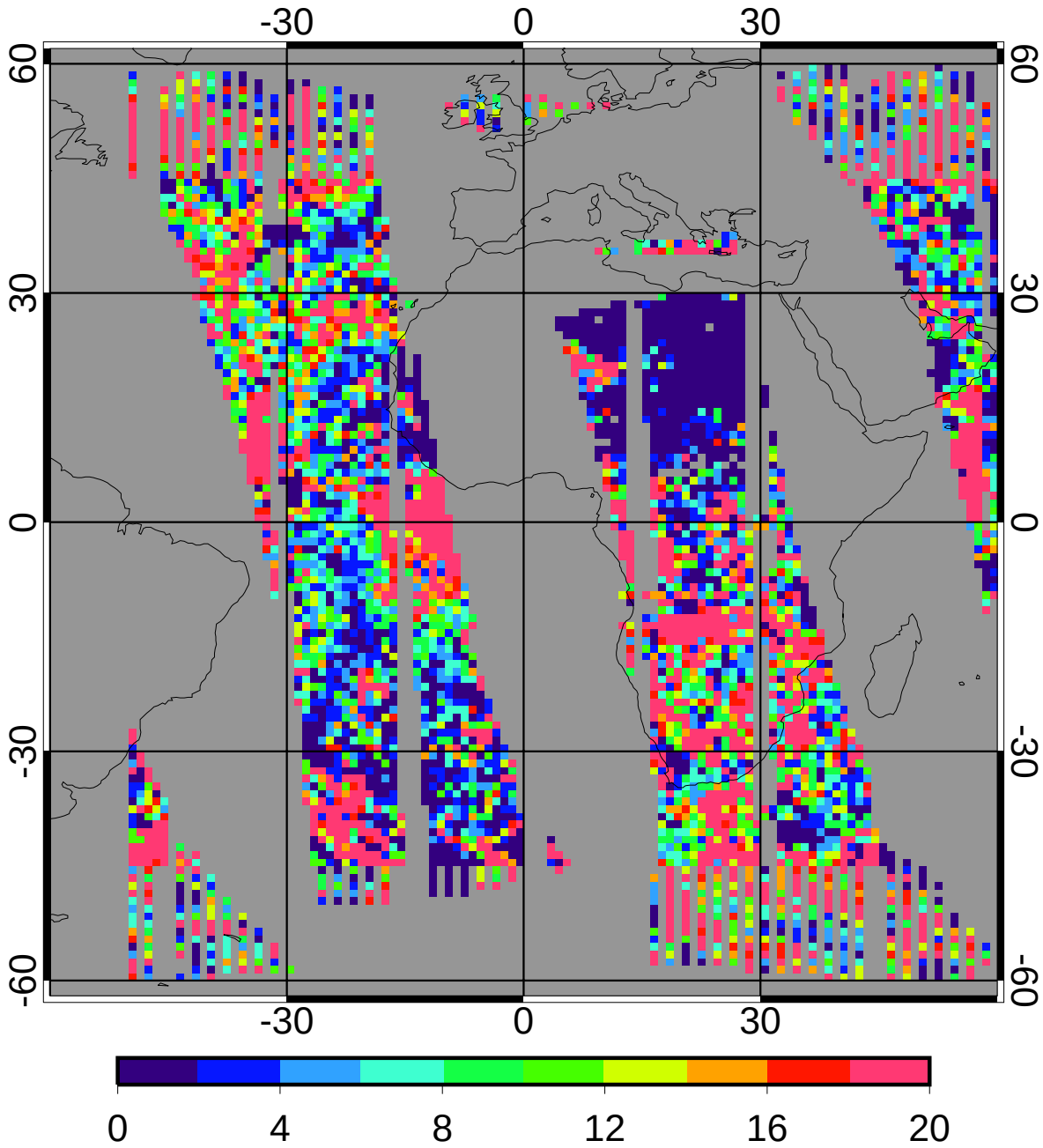
5ch_39cal Jan 2010



bias	0.32	1.15%
domain sigma	14.55	51.92%

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

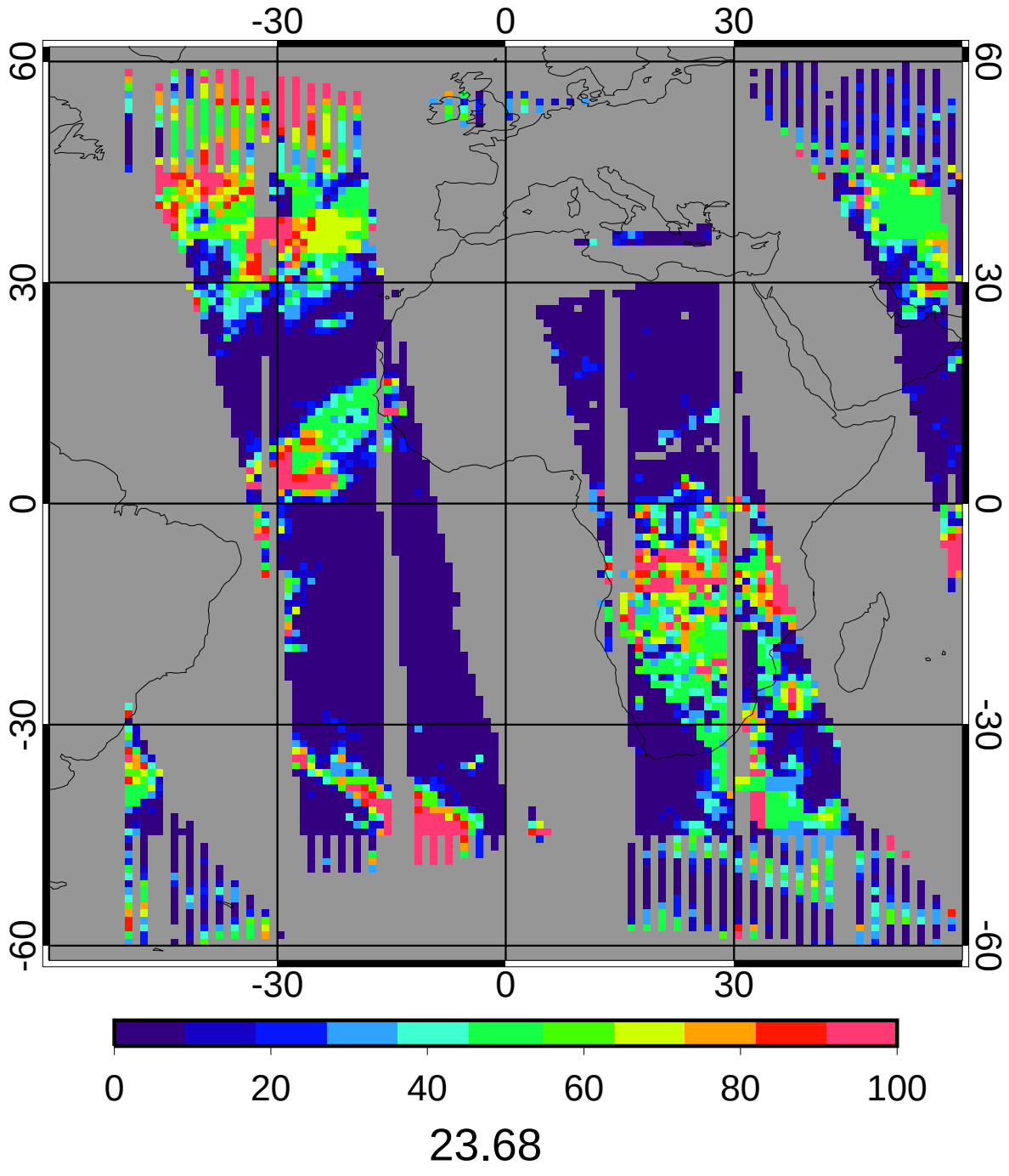
5ch_39cal Jan 2010



regave rms	12.58	44.90%
domain rms	17.23	61.48%

GGEO MEAN Daytime Ice Cld Amt (%)

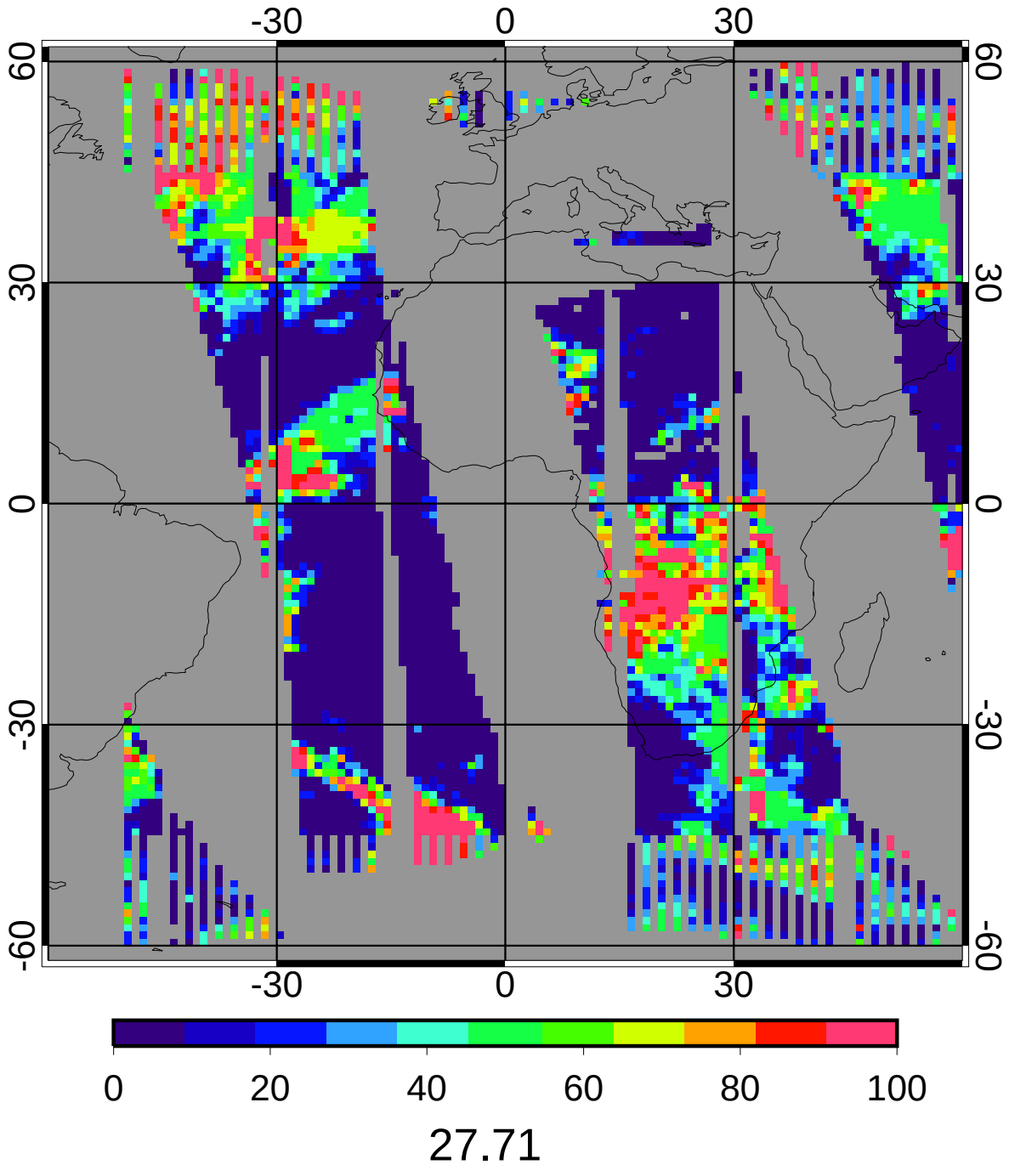
5ch_39cal Jan 2010



23.68

CERES/Aqua MEAN Daytime Ice Cld Amt (%)

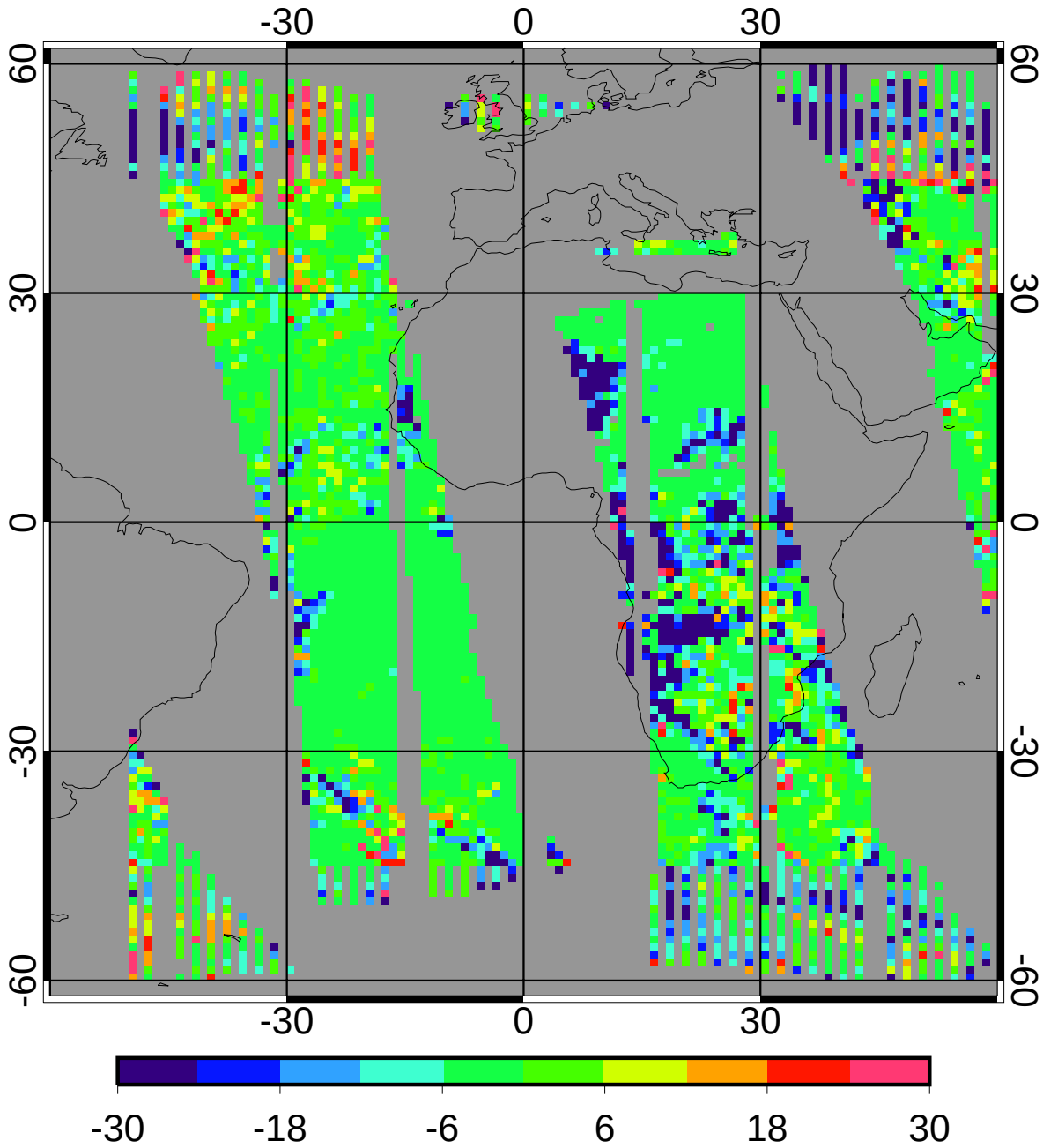
5ch_39cal Jan 2010



27.71

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

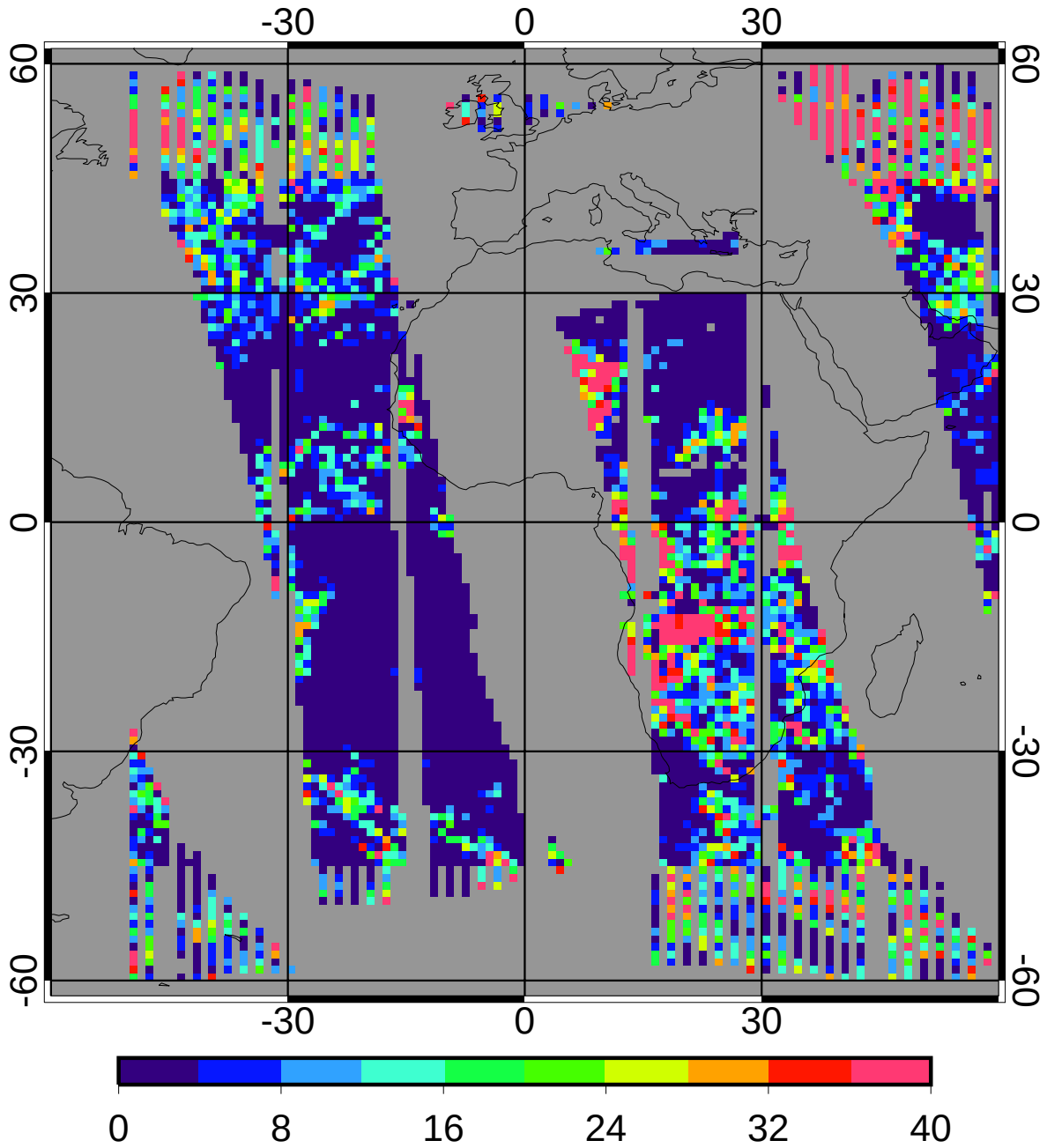
5ch_39cal Jan 2010



bias	-4.03	-14.54%
domain sigma	12.47	44.99%

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

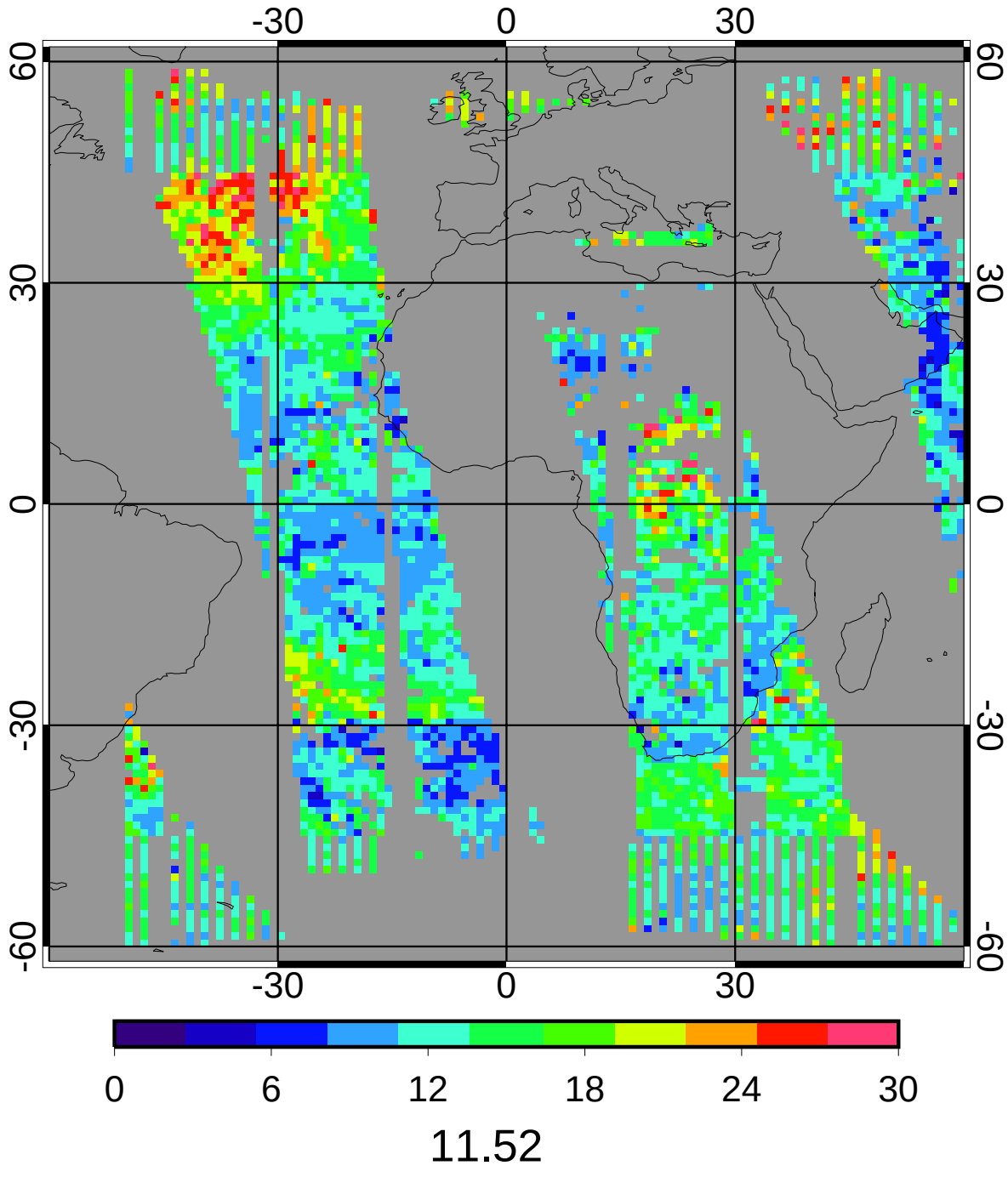
5ch_39cal Jan 2010



regave rms	9.35	33.76%
domain rms	15.51	55.98%

GGEO MEAN Daytime Liquid Particle Size (microns)

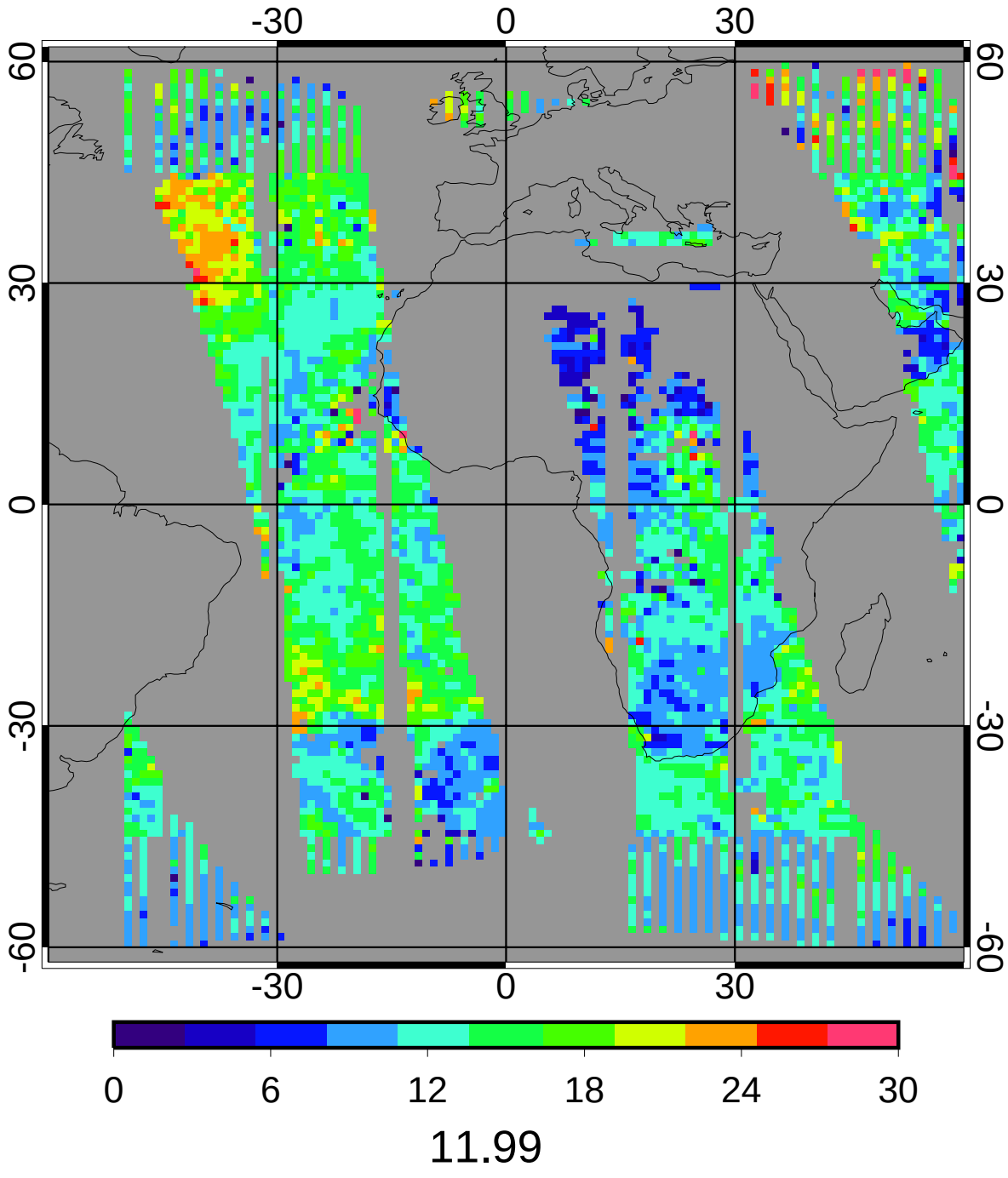
5ch_39cal Jan 2010



11.52

CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

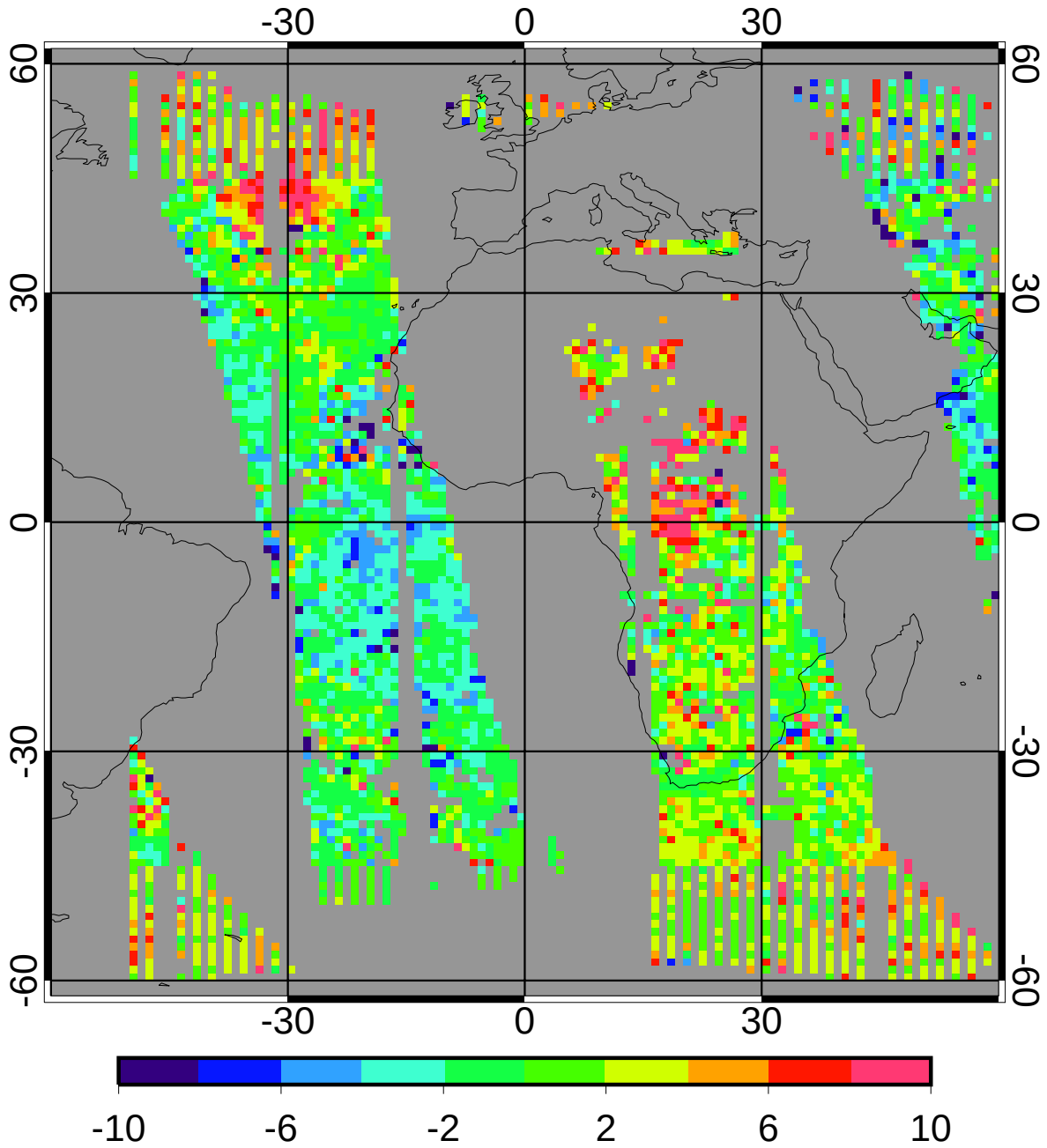
5ch_39cal Jan 2010



11.99

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

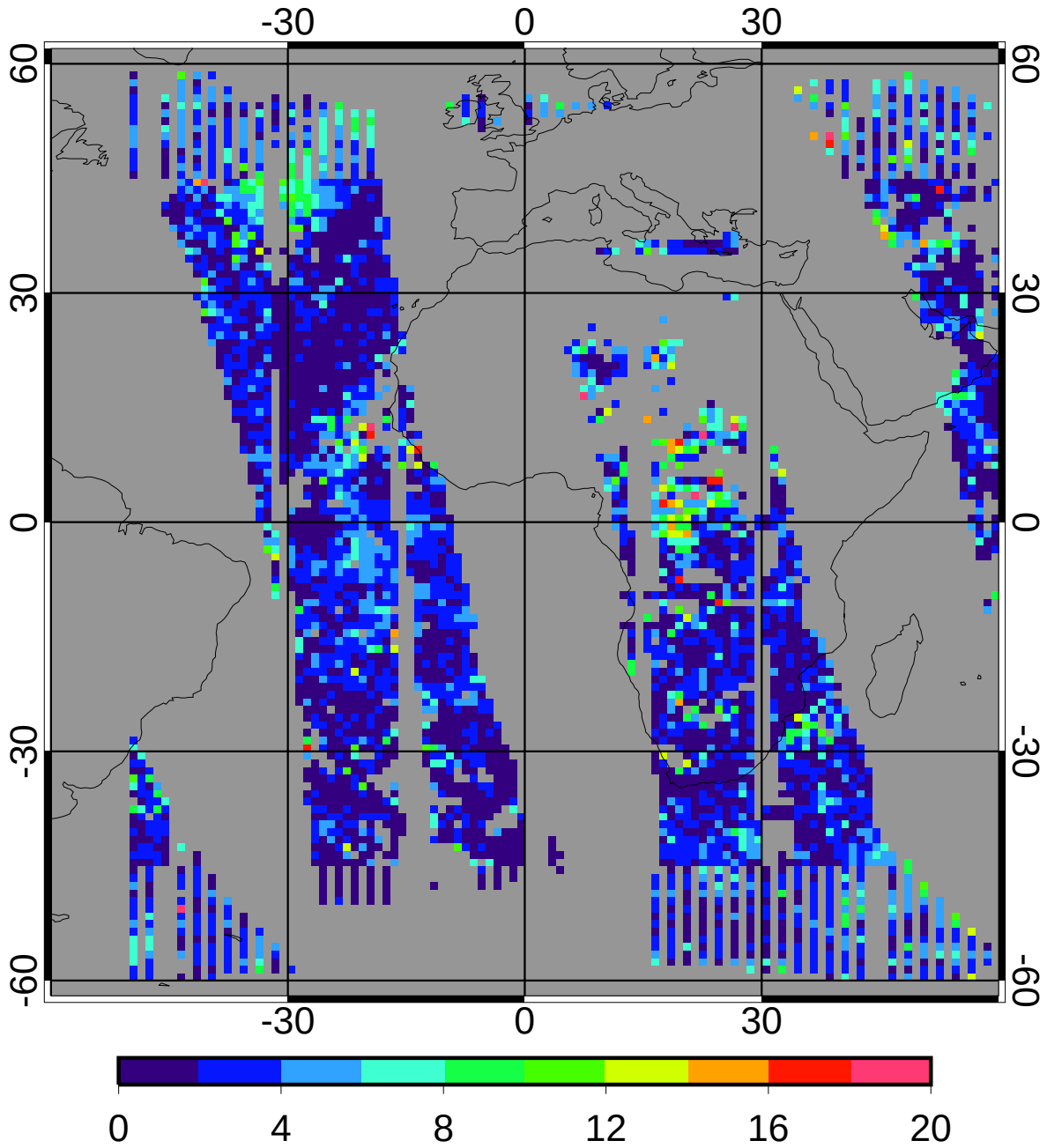
5ch_39cal Jan 2010



bias	0.37	3.07%
domain sigma	3.36	28.03%

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

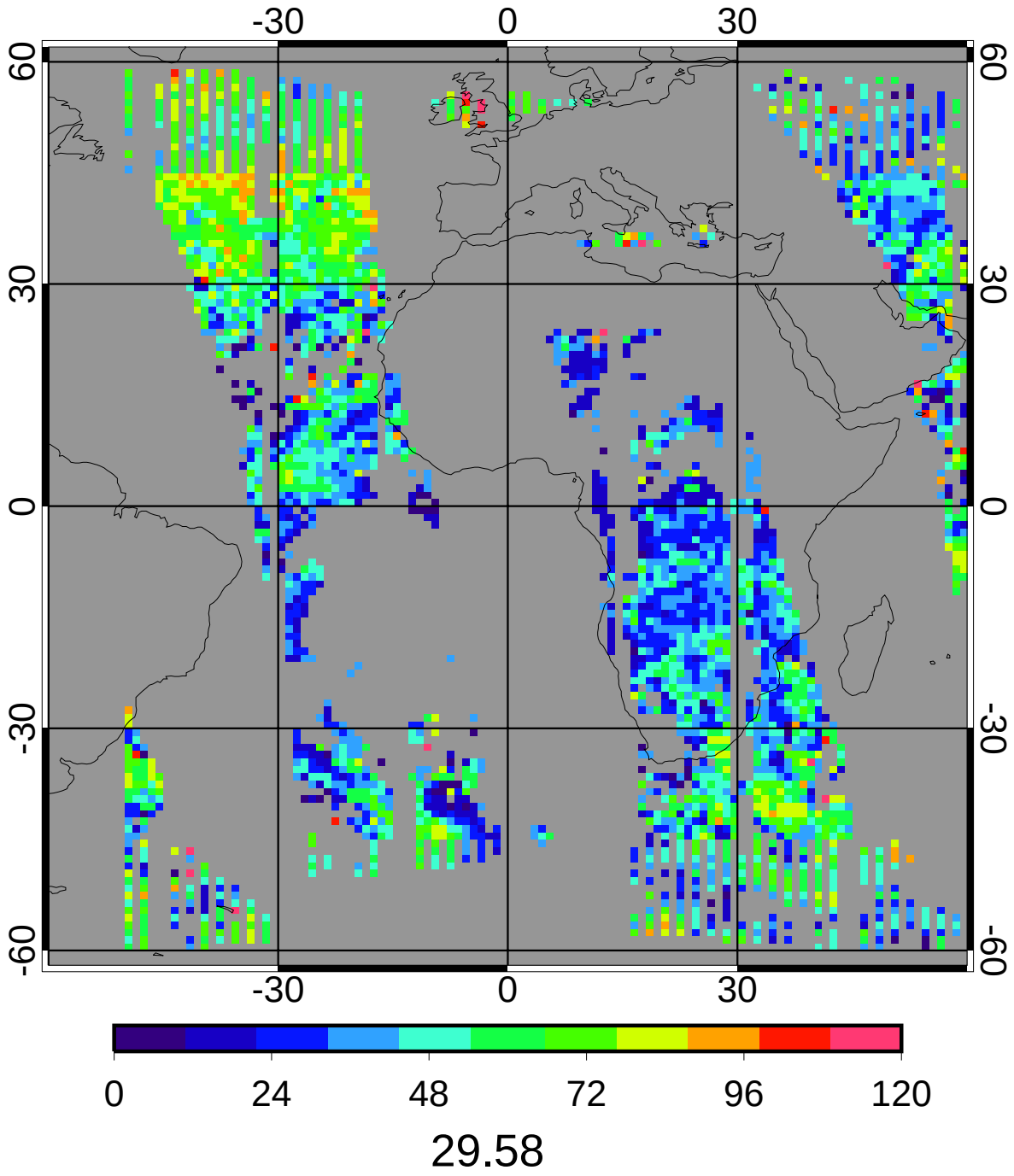
5ch_39cal Jan 2010



regave rms	2.49	20.79%
domain rms	3.55	29.65%

GGEO MEAN Daytime Ice Particle Size (microns)

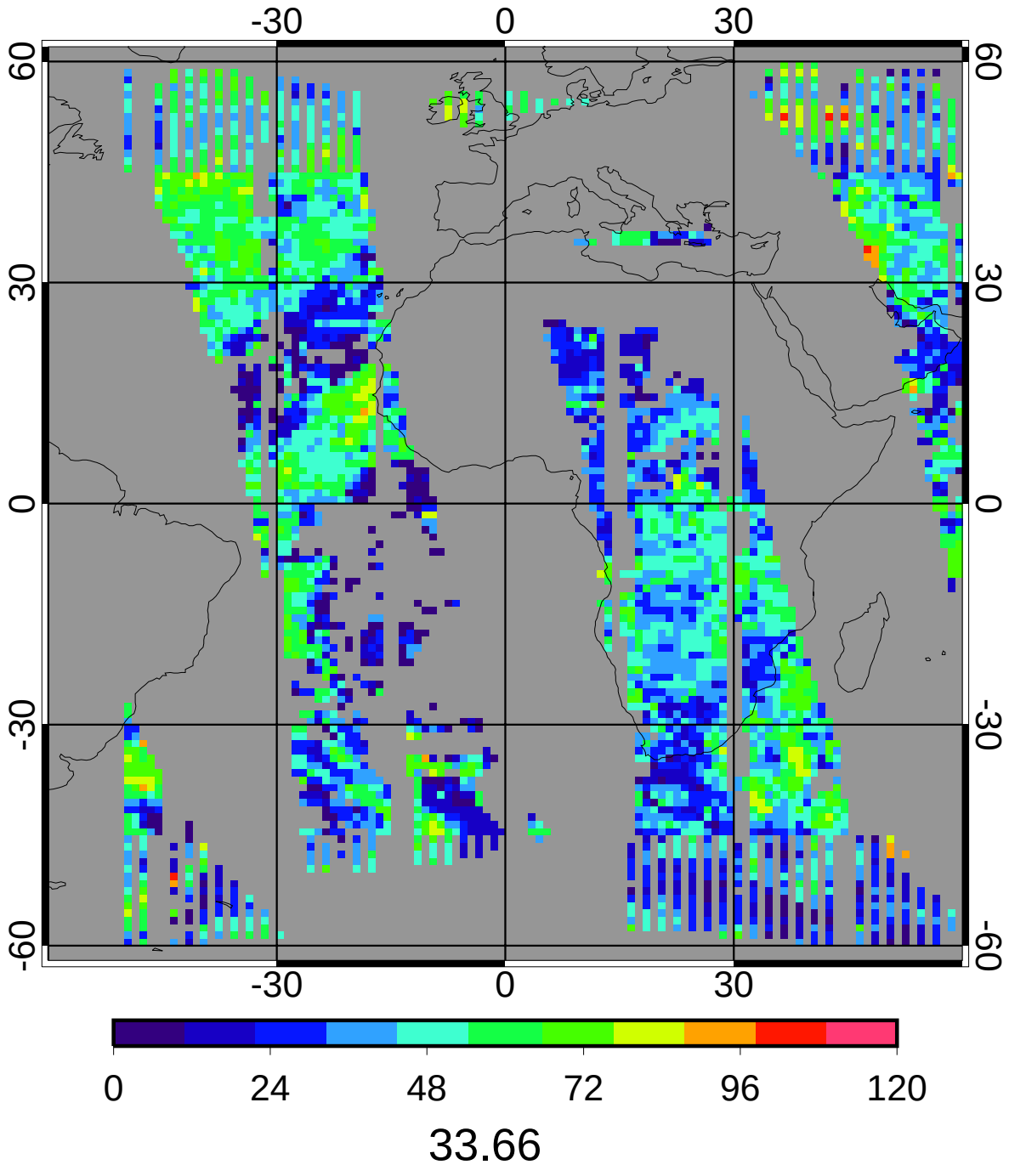
5ch_39cal Jan 2010



29.58

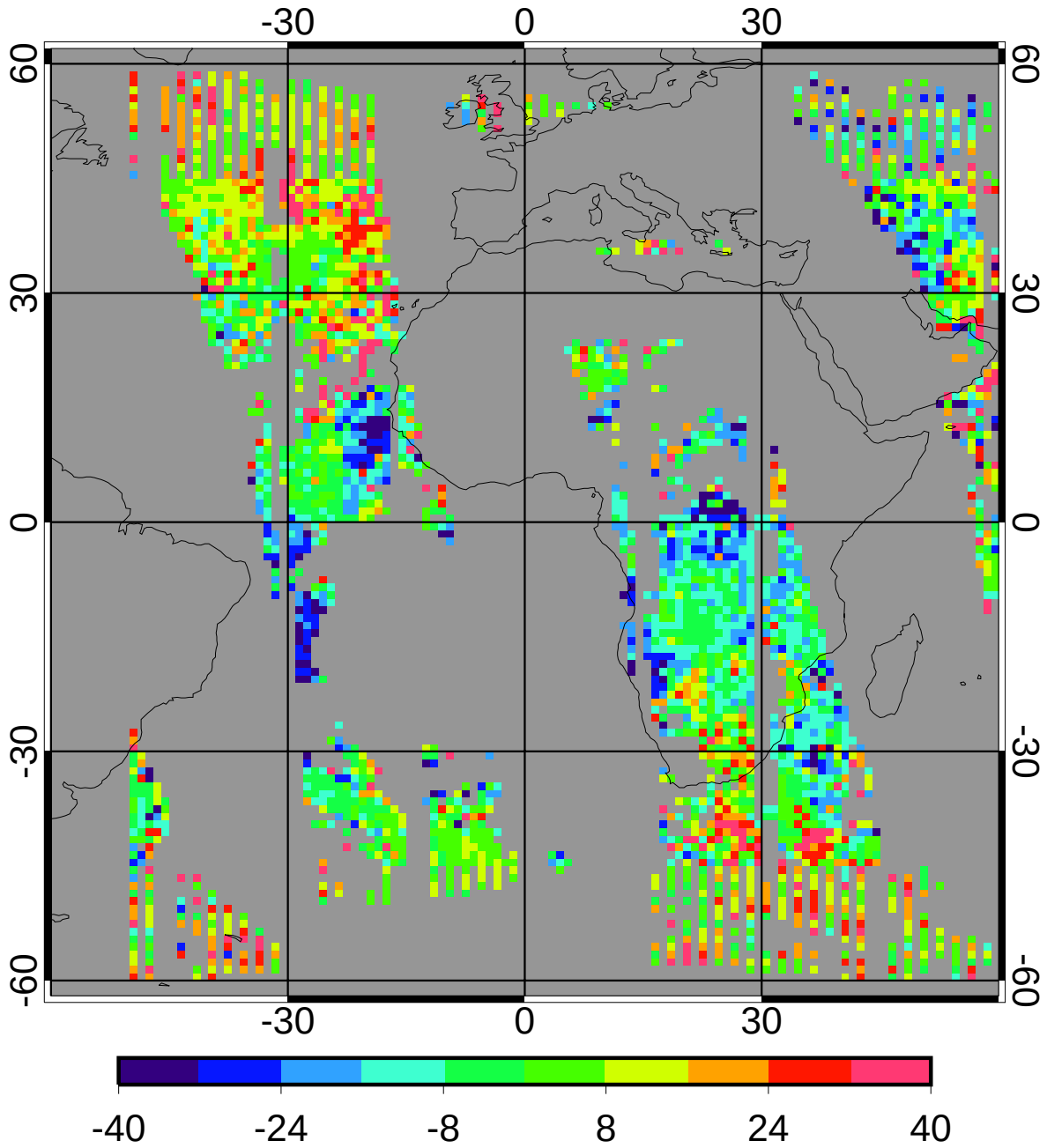
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch_39cal Jan 2010



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

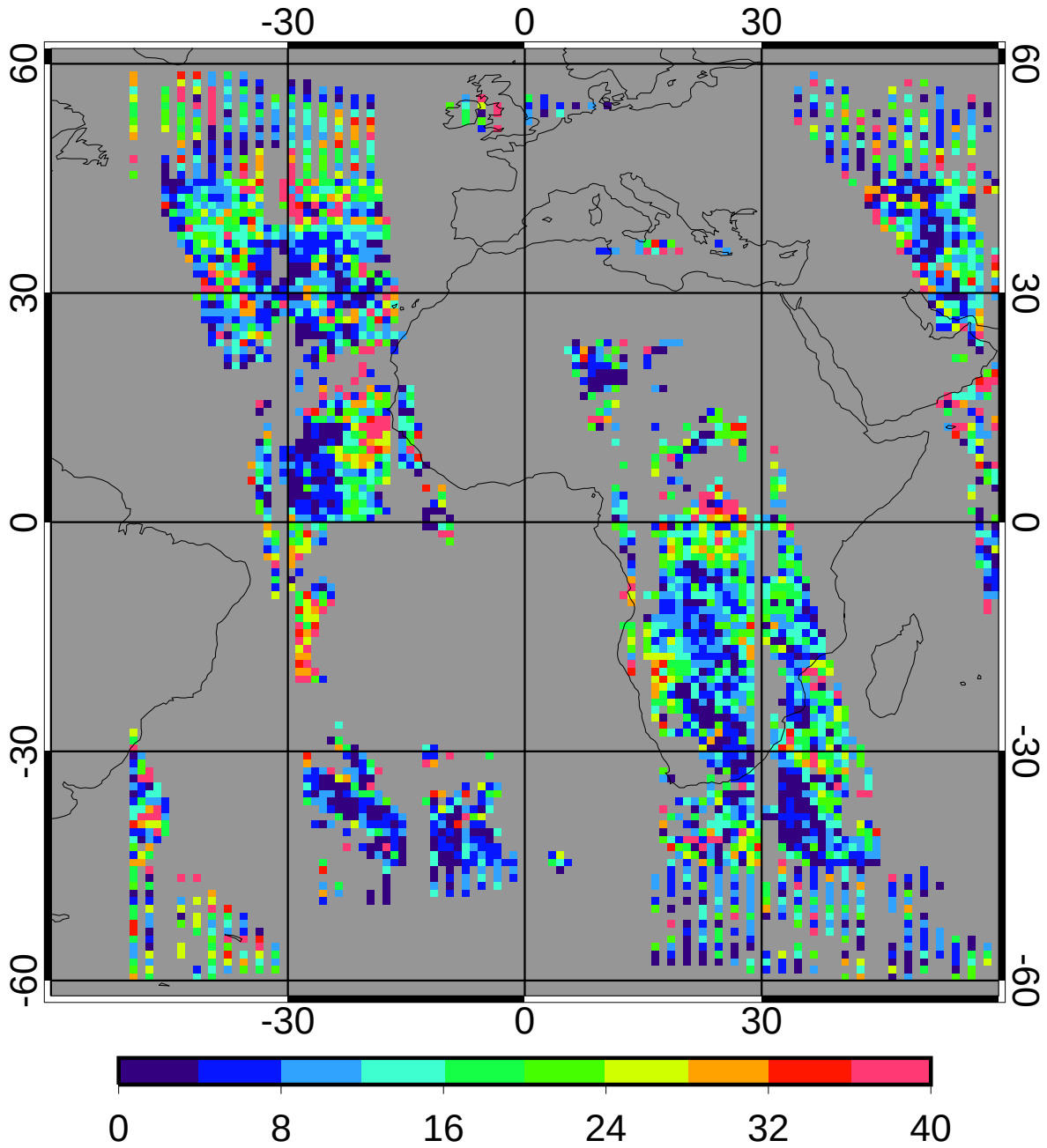
5ch_39cal Jan 2010



bias	0.35	1.05%
domain sigma	16.64	49.44%

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

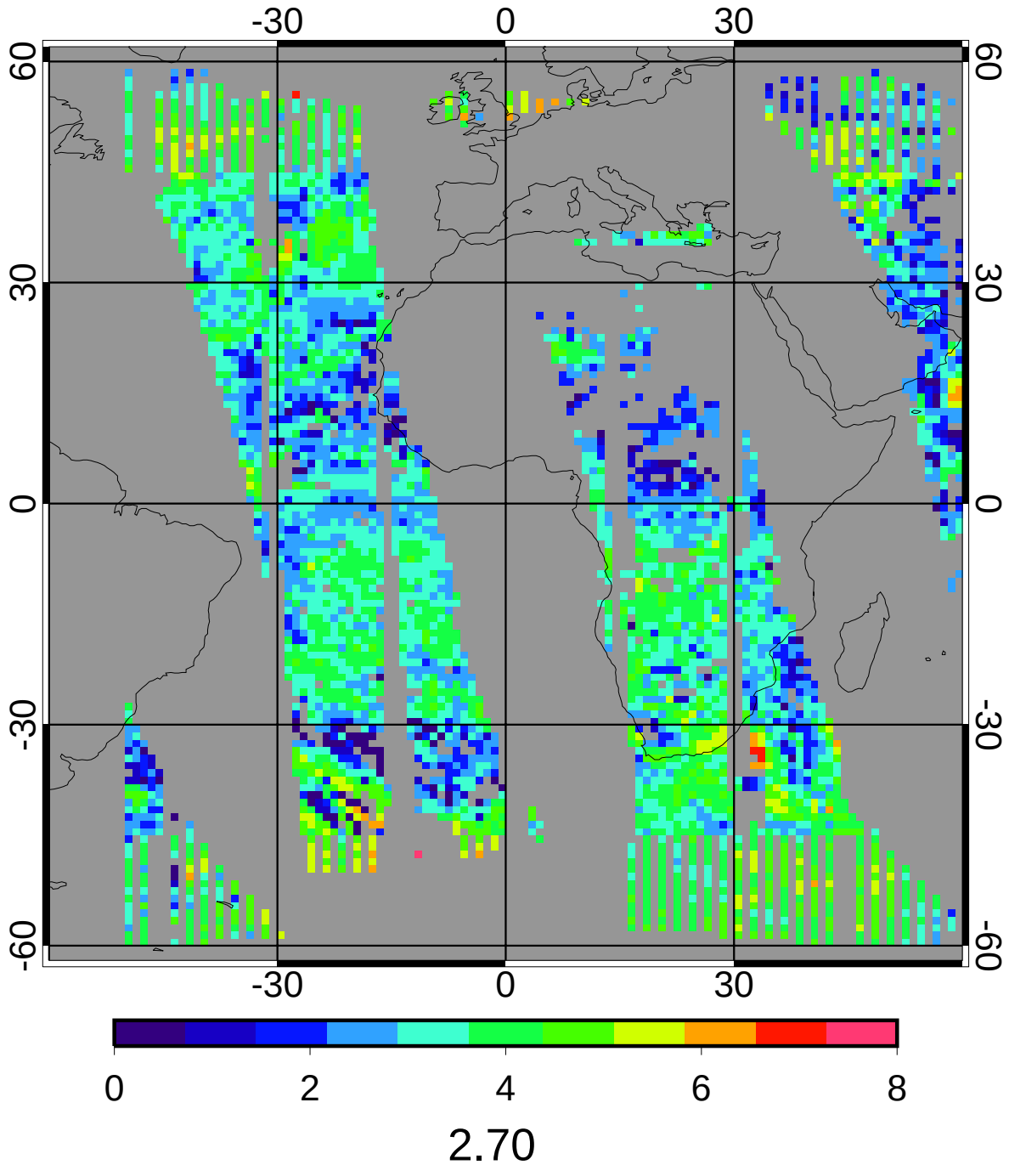
5ch_39cal Jan 2010



regave rms	9.42	27.97%
domain rms	17.68	52.53%

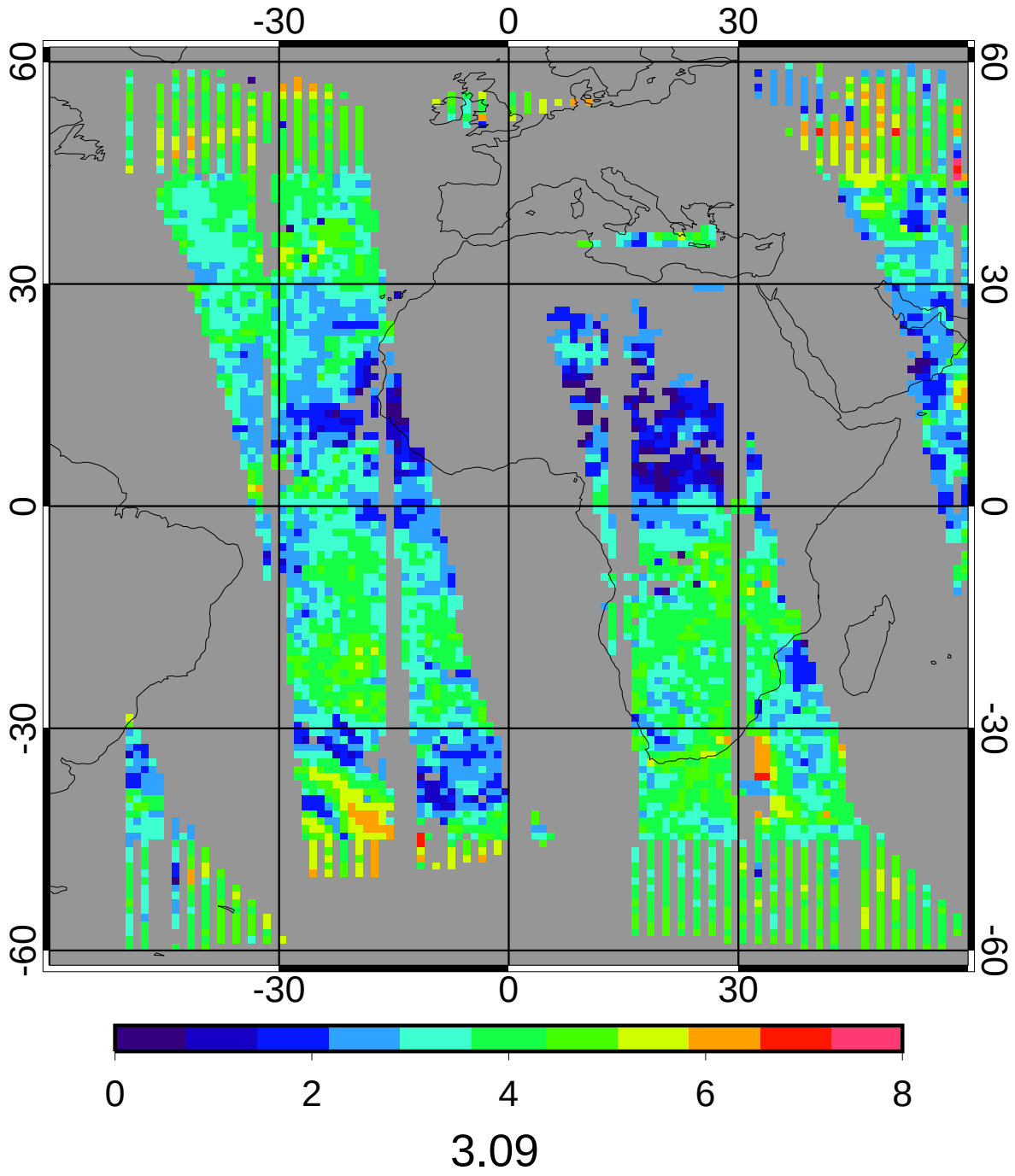
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Jan 2010



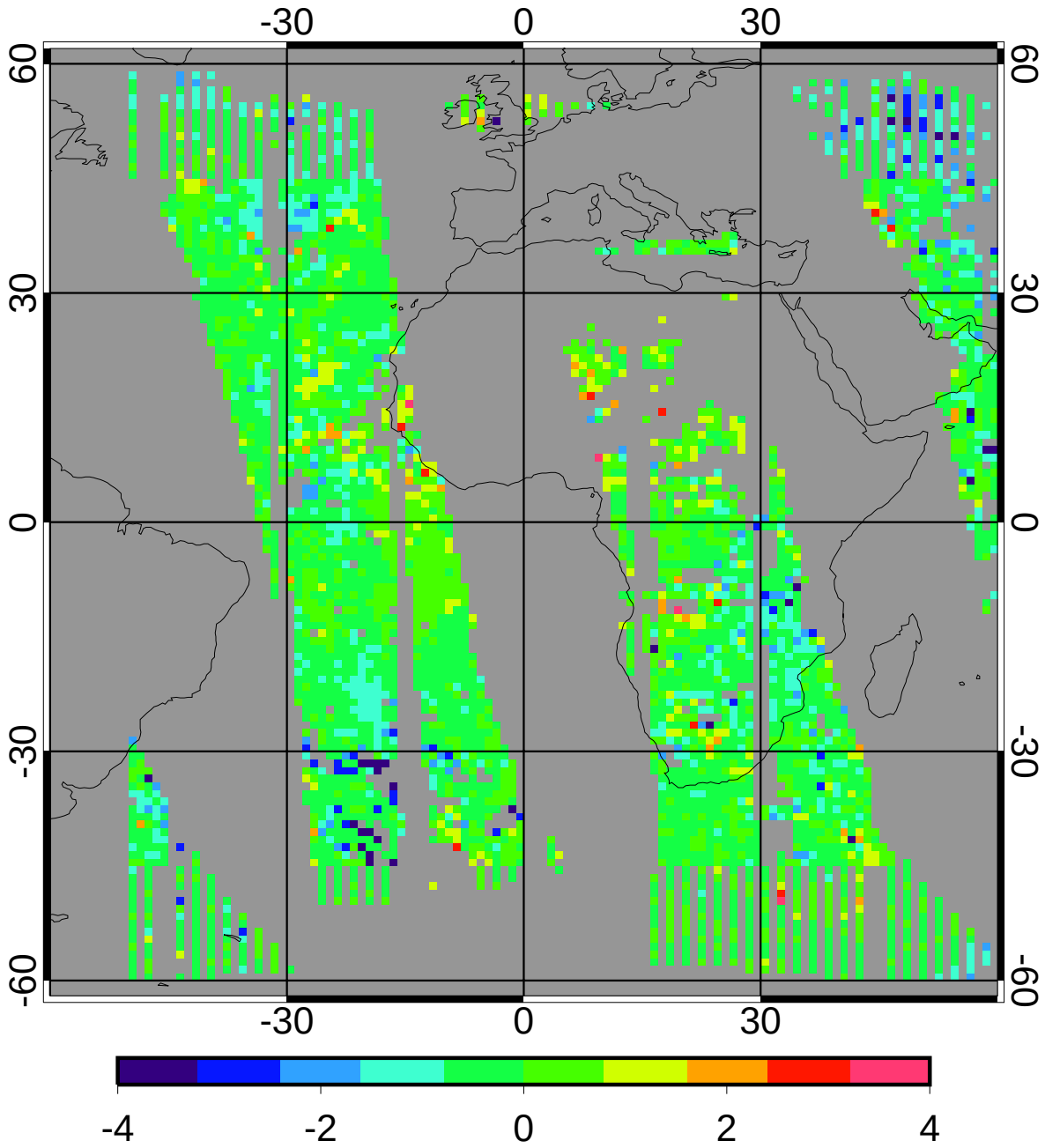
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Jan 2010



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

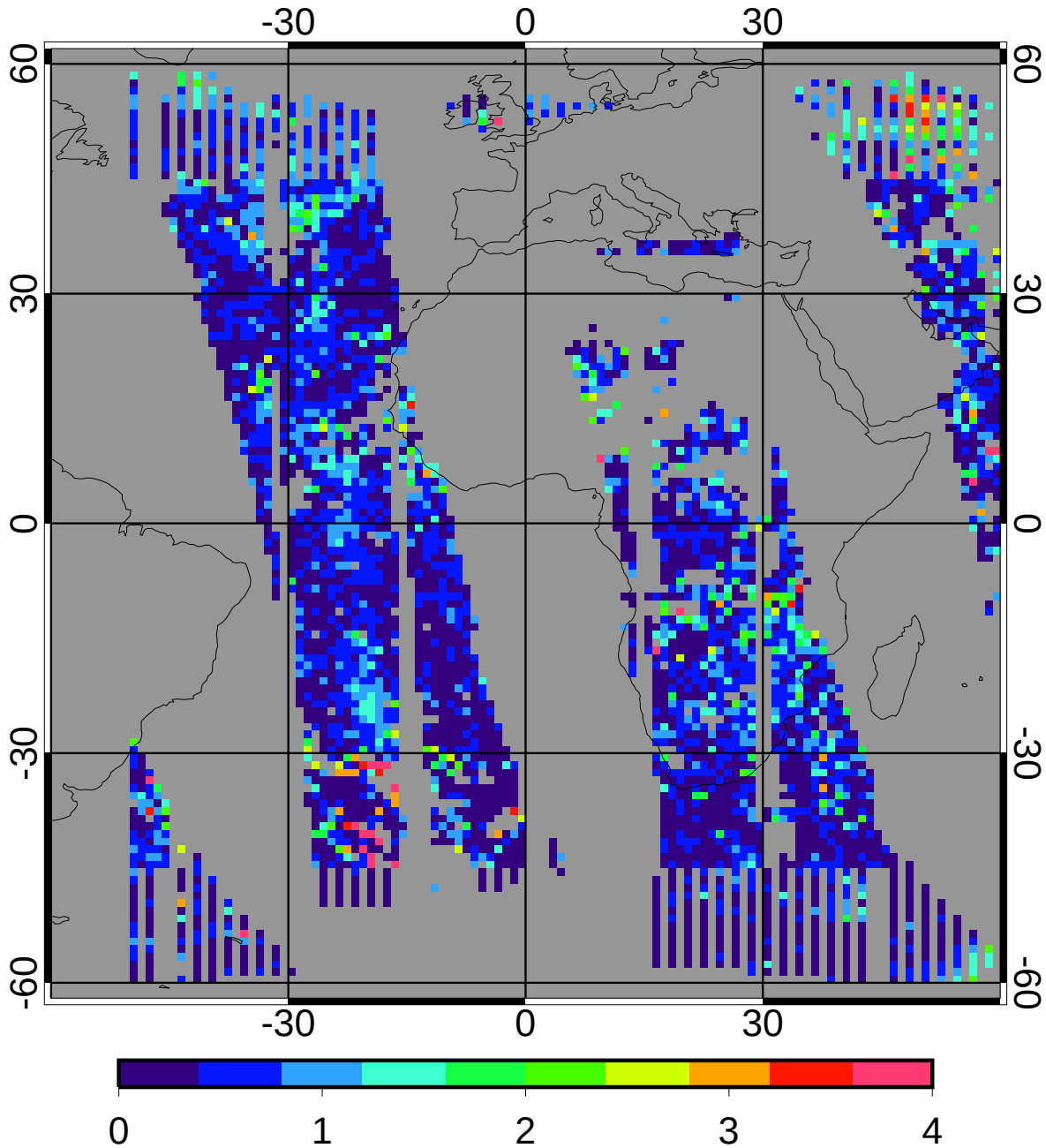
5ch_39cal Jan 2010



bias	-0.20	-6.50%
domain sigma	0.67	21.79%

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

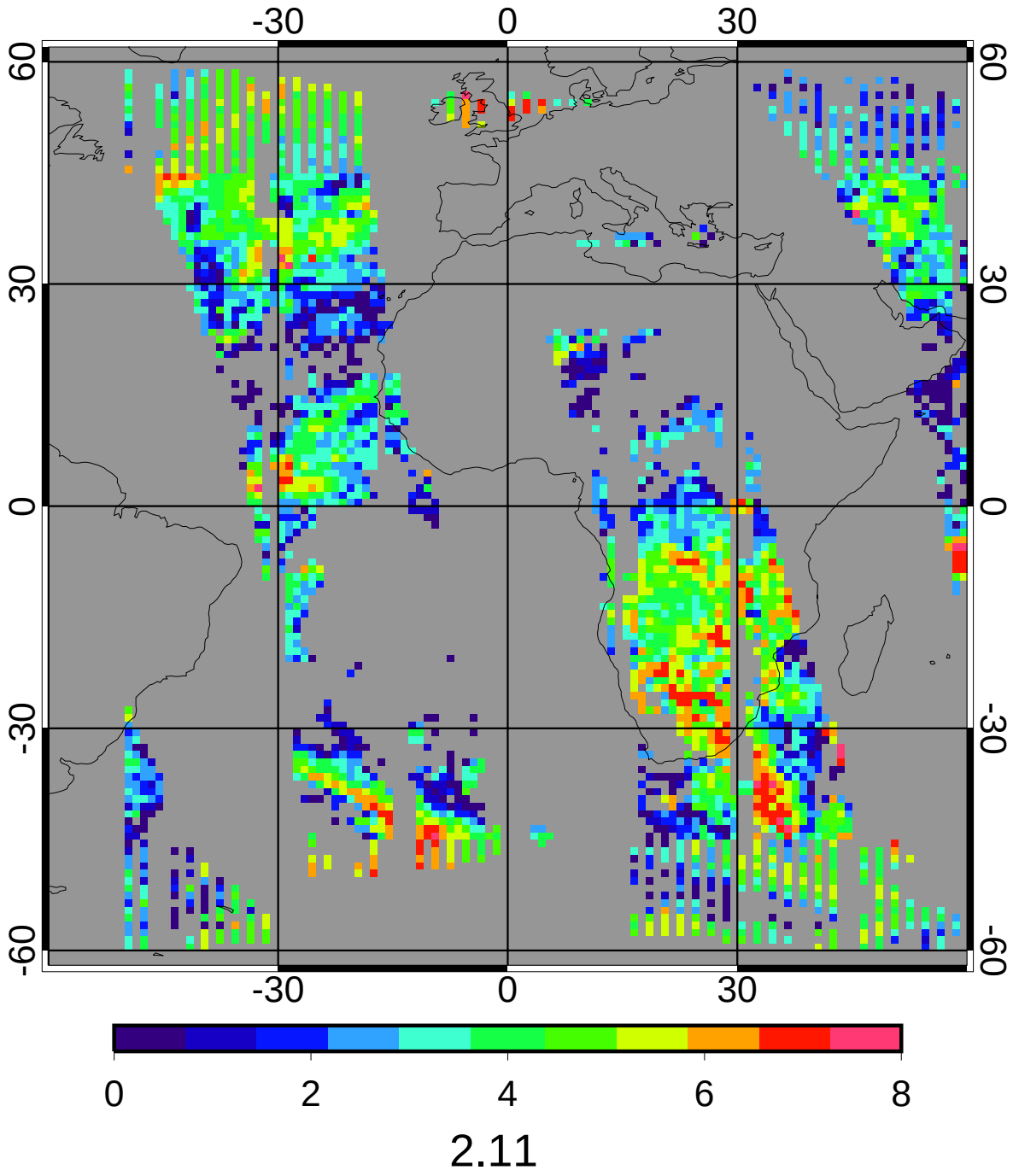
5ch_39cal Jan 2010



regave rms	0.49	15.88%
domain rms	0.76	24.44%

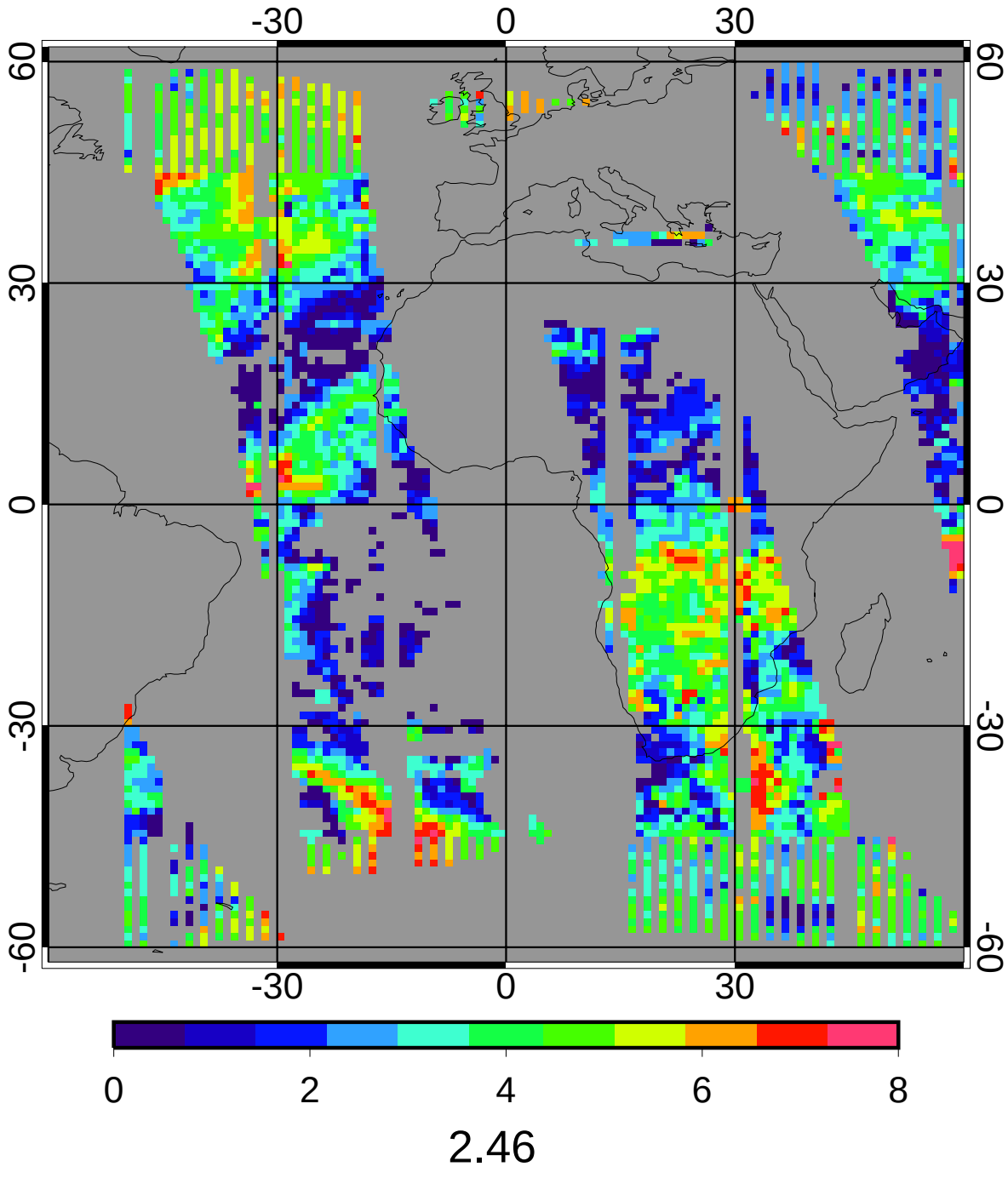
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010



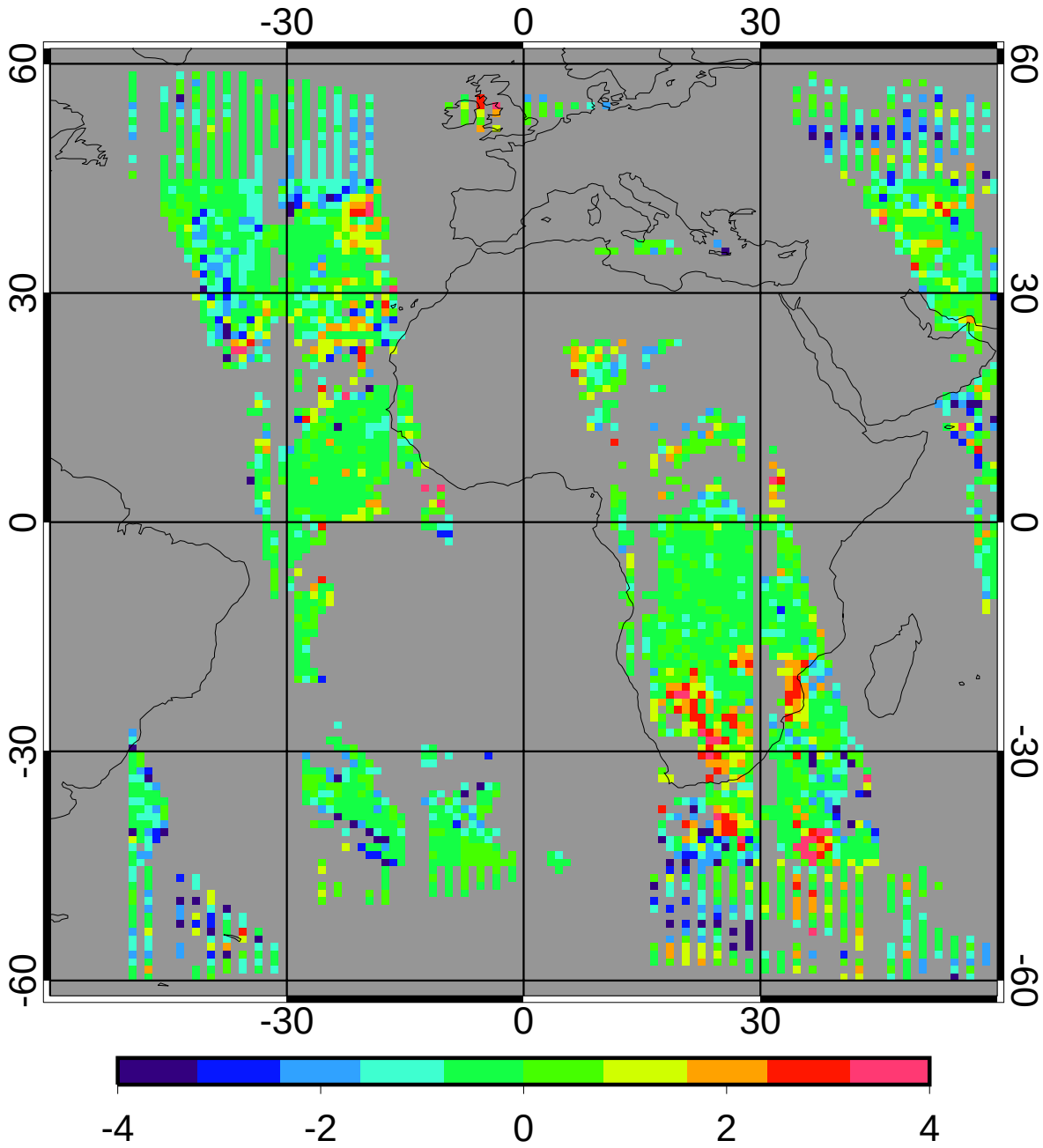
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010



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

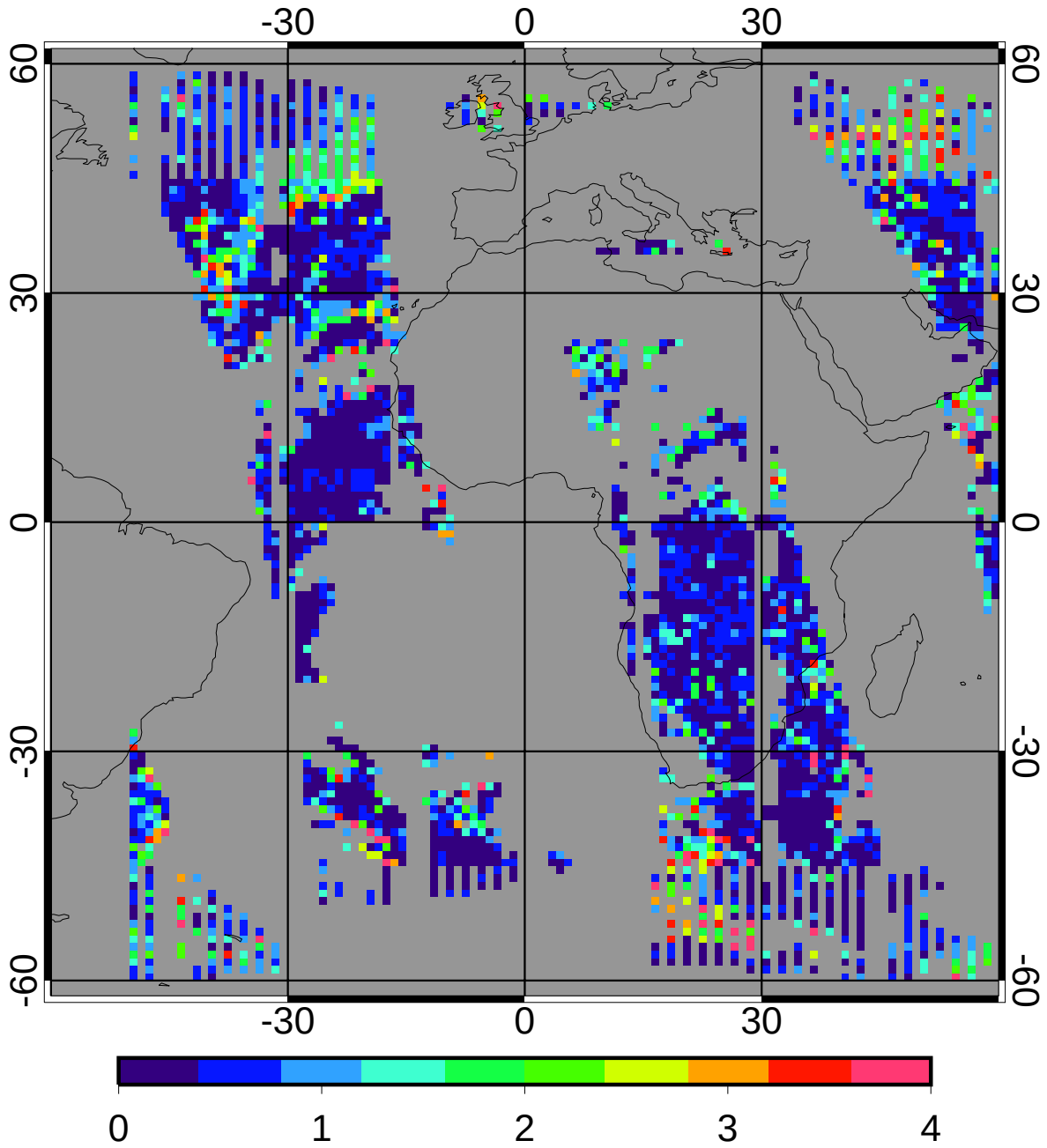
5ch_39cal Jan 2010



bias	-0.15	-6.17%
domain sigma	1.00	40.77%

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

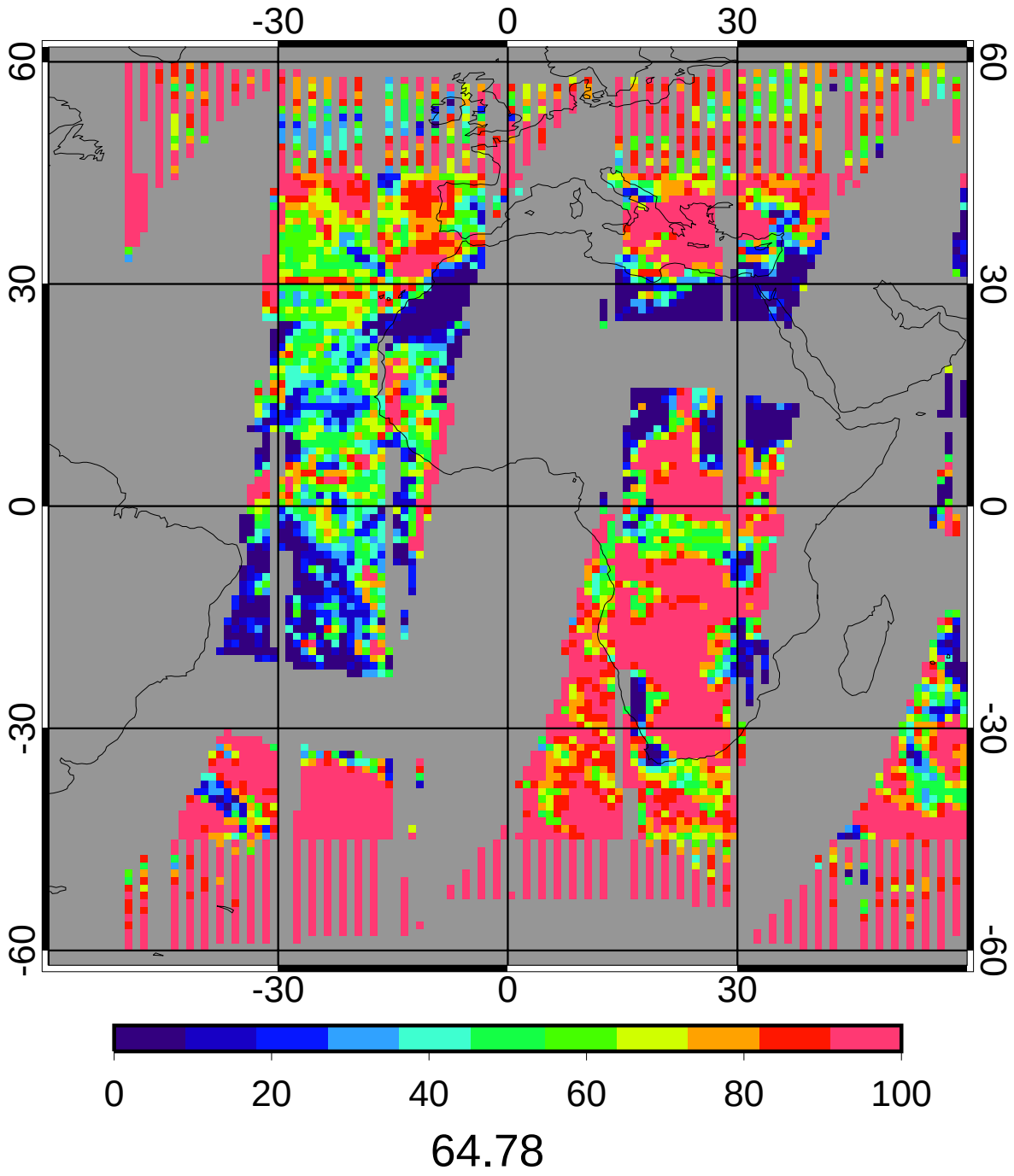
5ch_39cal Jan 2010



regave rms	0.47	19.21%
domain rms	1.03	41.82%

GGEO MEAN Nighttime Cloud Amount (%)

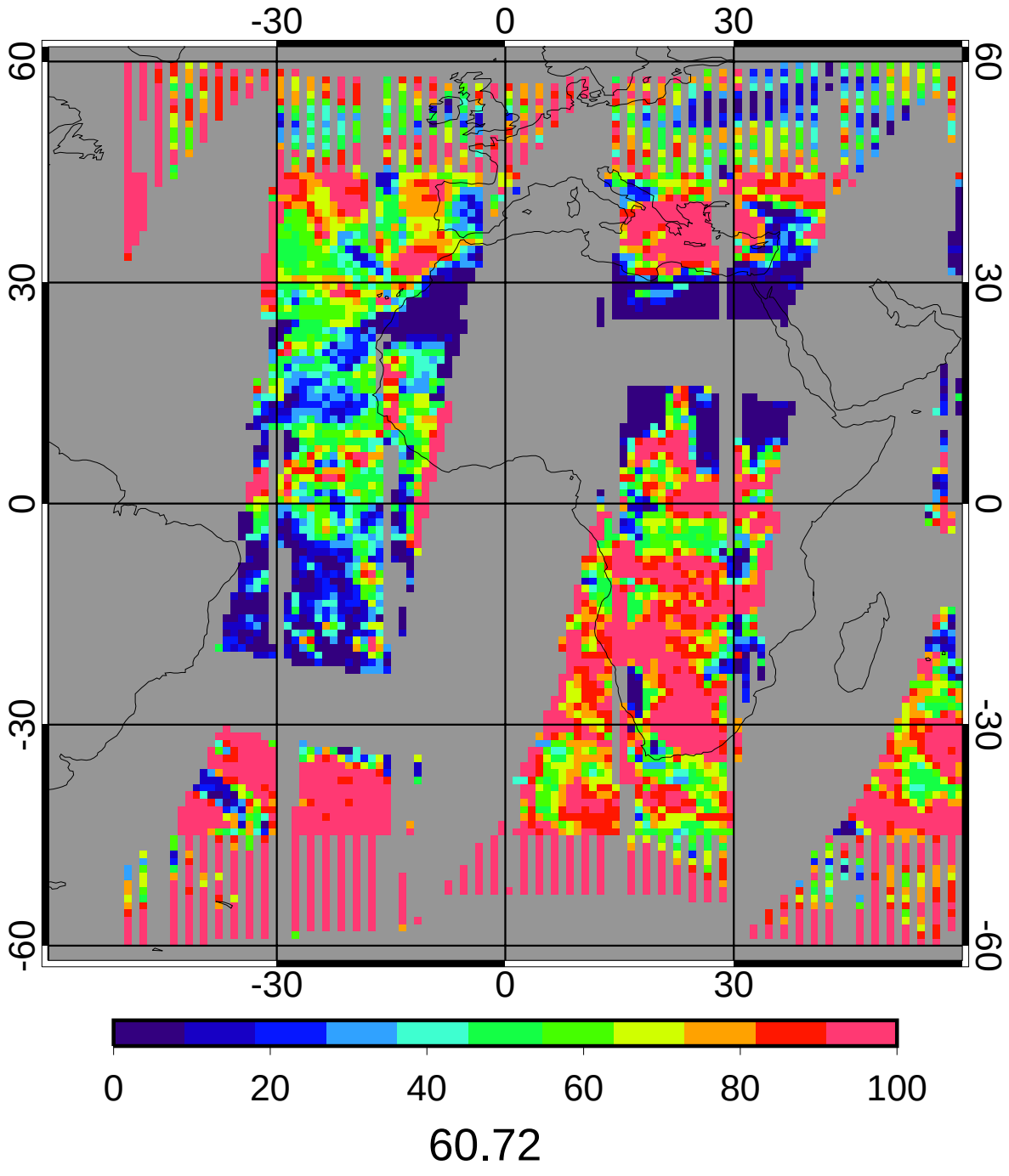
5ch_39cal Jan 2010



64.78

CERES/Aqua MEAN Nighttime Cloud Amount (%)

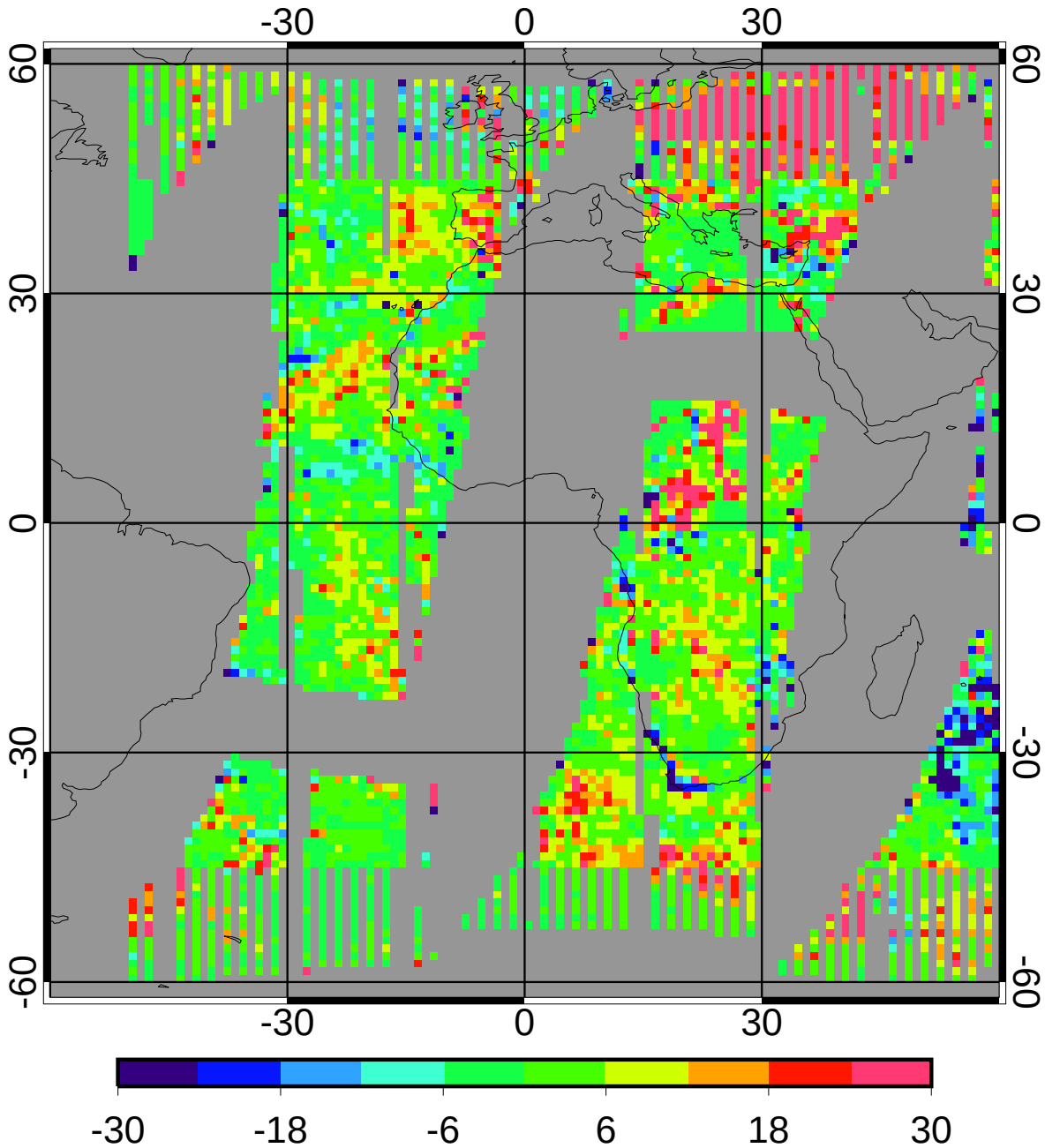
5ch_39cal Jan 2010



60.72

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

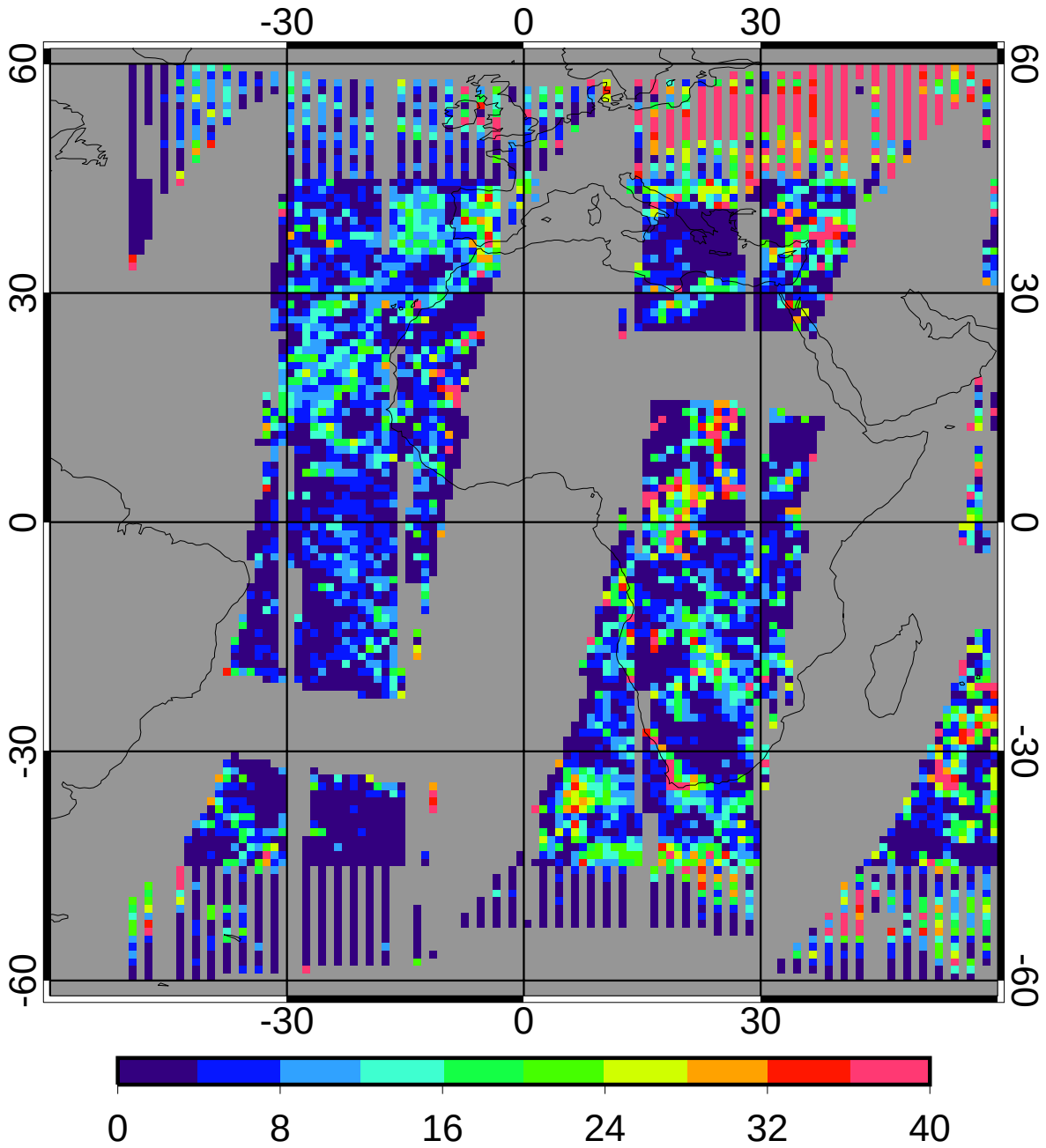
5ch_39cal Jan 2010



bias	4.06	6.68%
domain sigma	10.93	18.00%

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

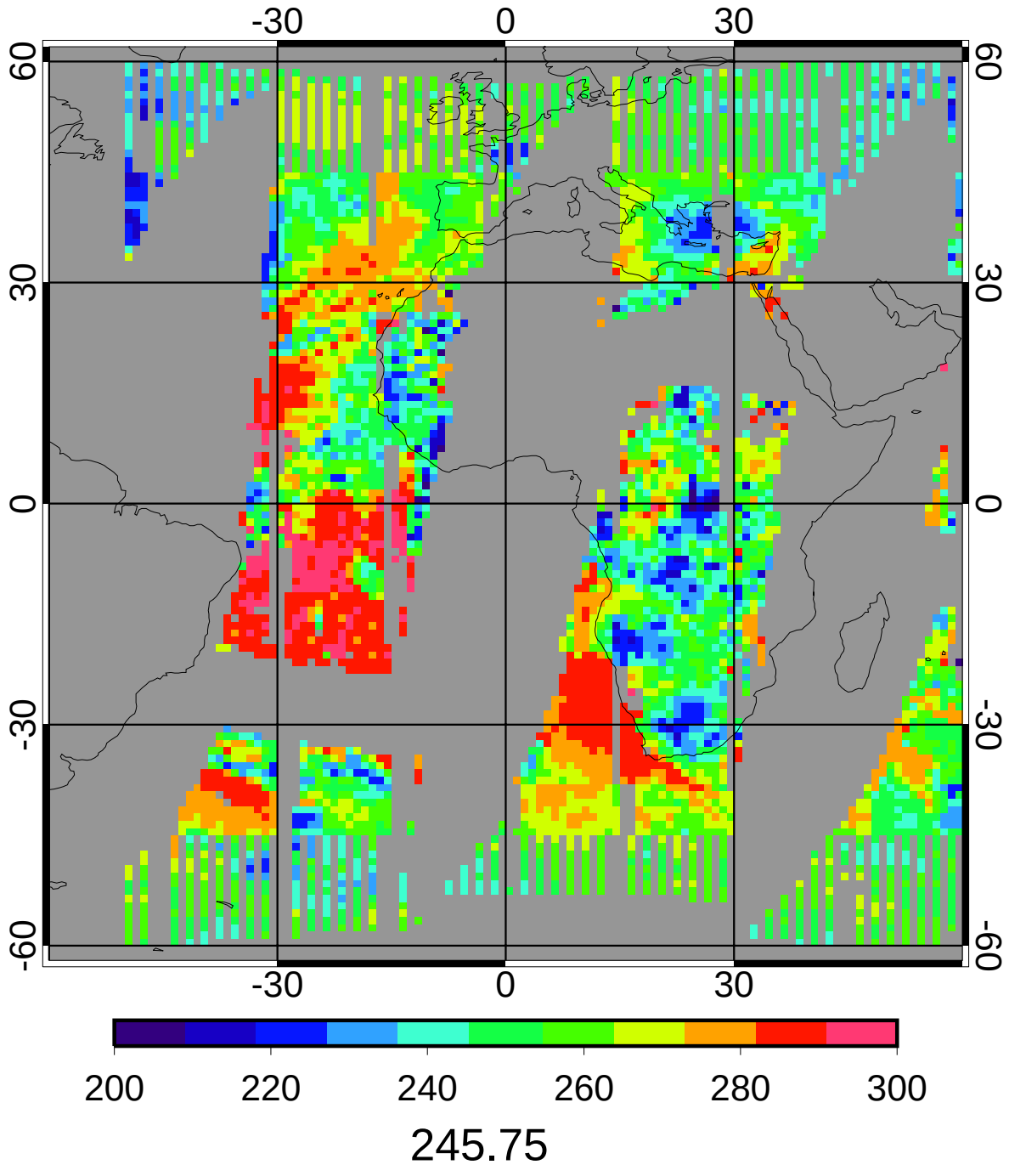
5ch_39cal Jan 2010



regave rms	9.50	15.65%
domain rms	14.44	23.78%

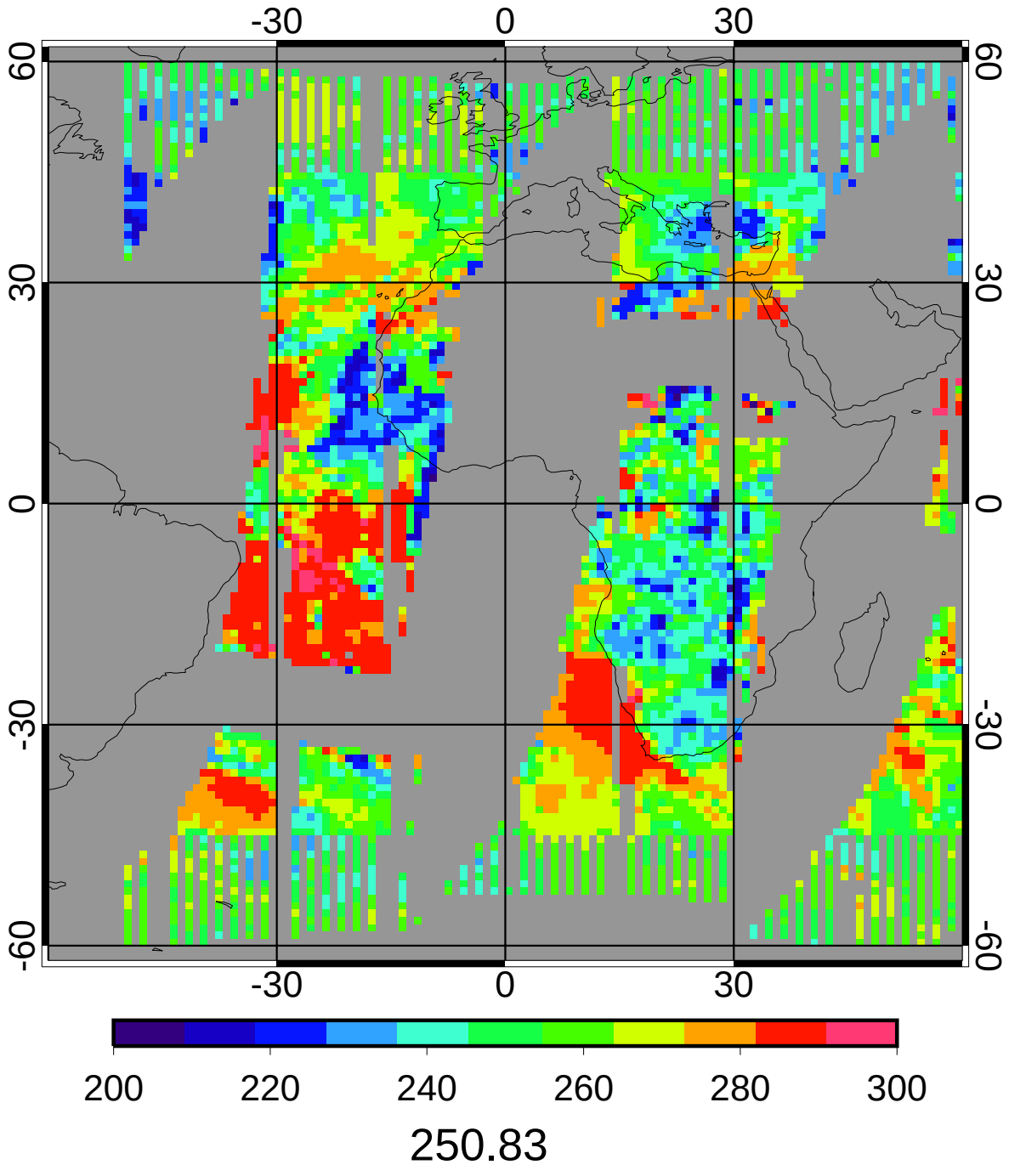
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_39cal Jan 2010



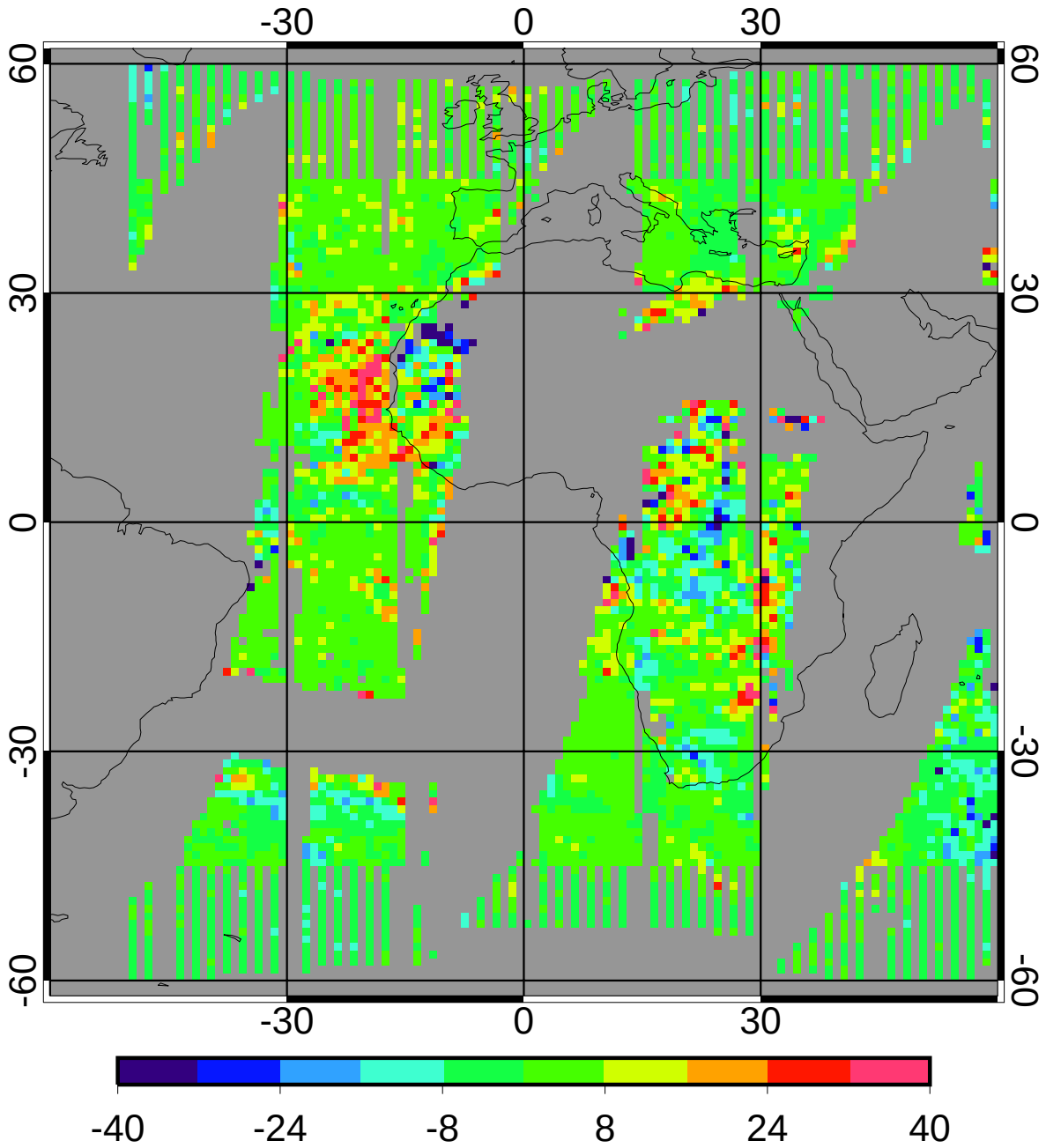
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

5ch_39cal Jan 2010



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

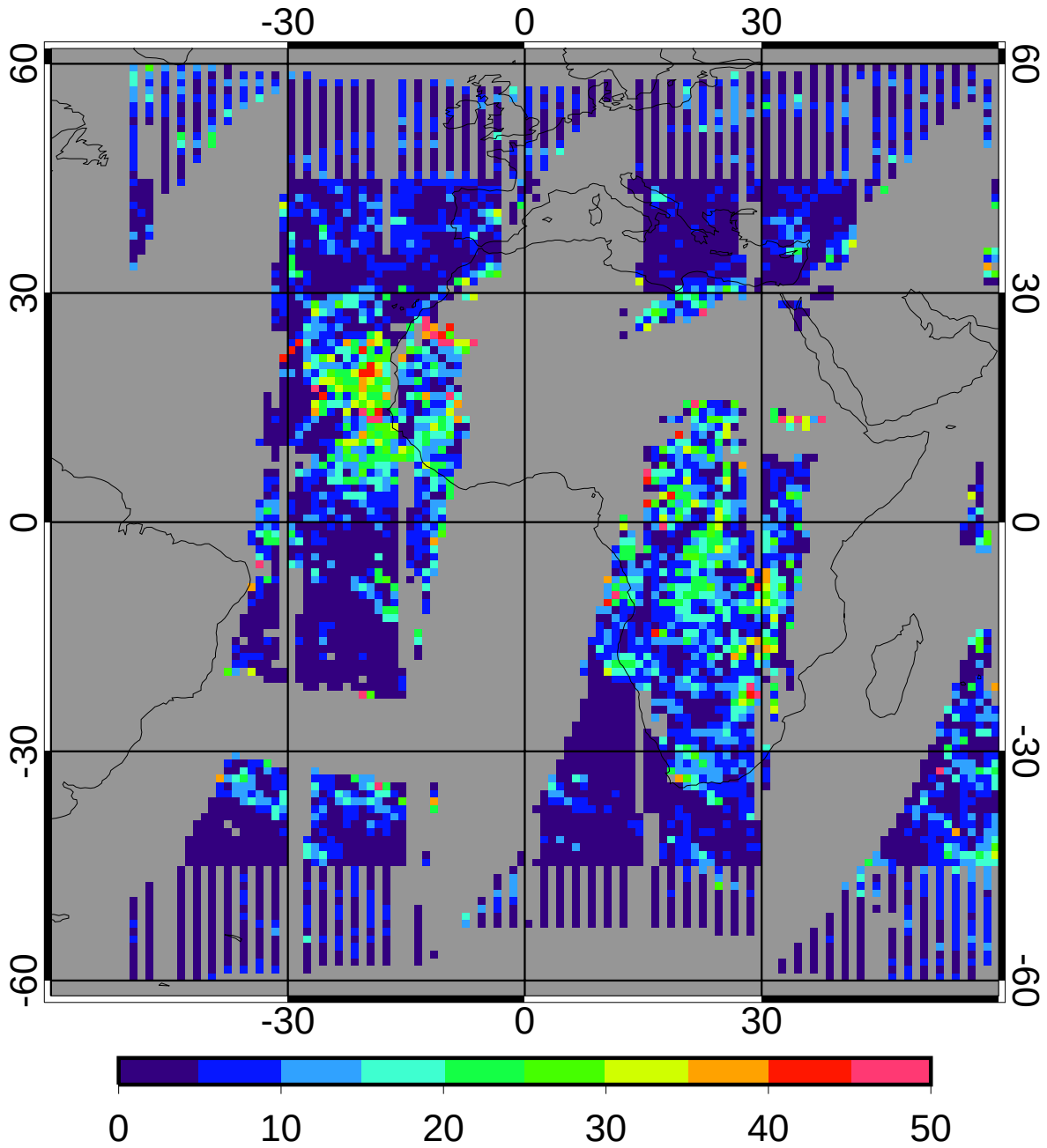
5ch_39cal Jan 2010



bias	1.67	0.67%
domain sigma	9.21	3.67%

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

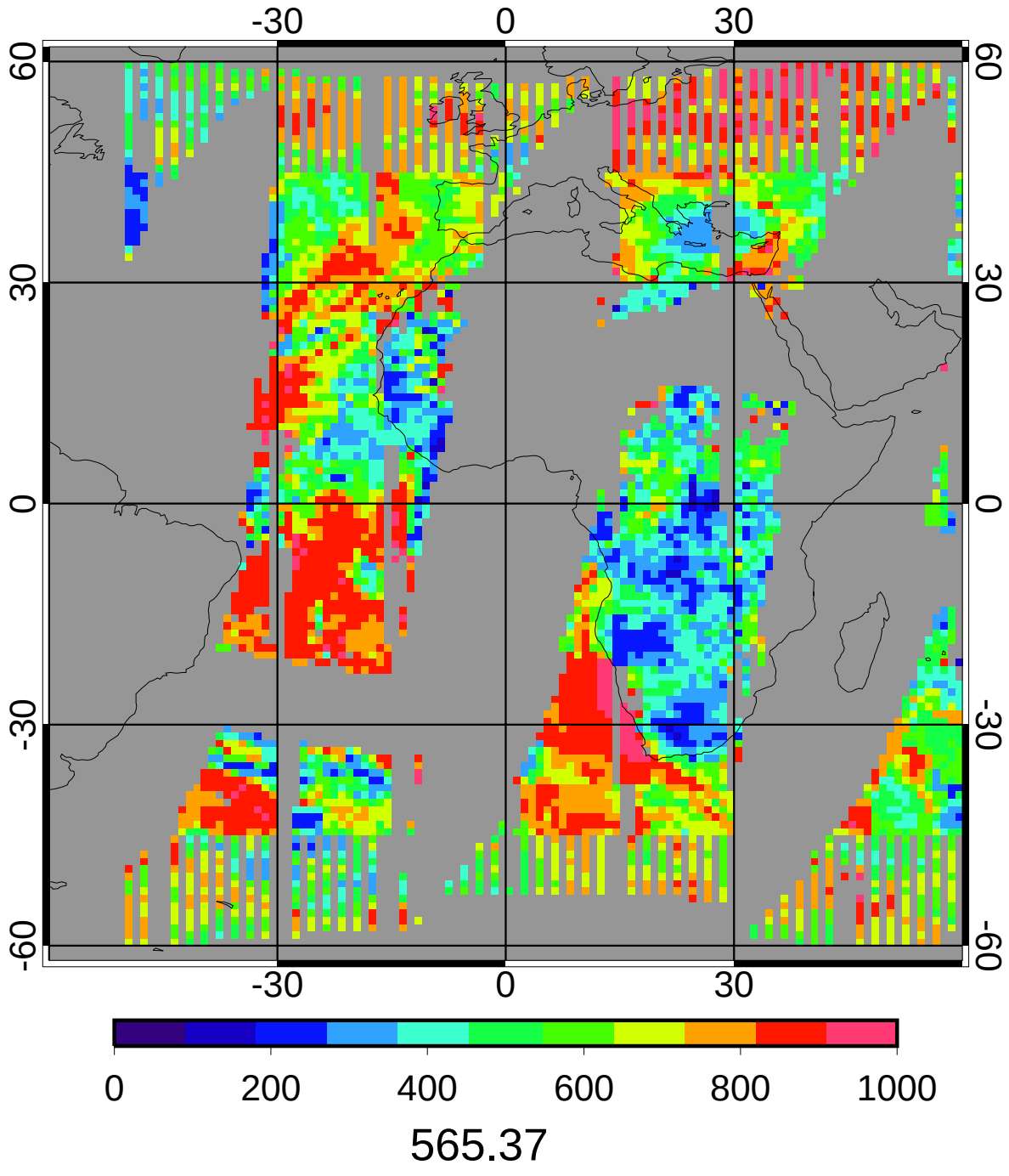
5ch_39cal Jan 2010



regave rms	7.38	2.94%
domain rms	10.52	4.20%

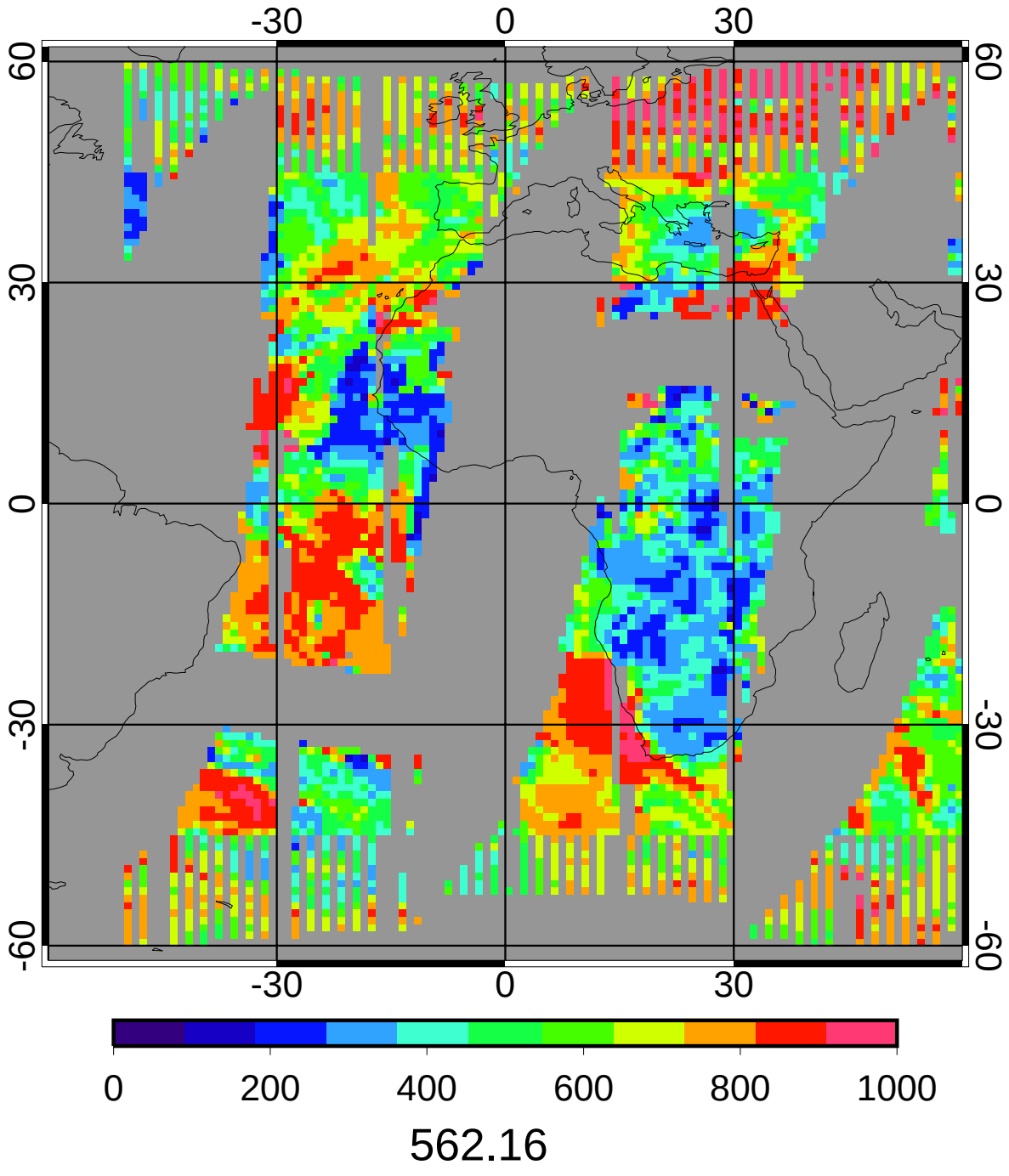
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Jan 2010



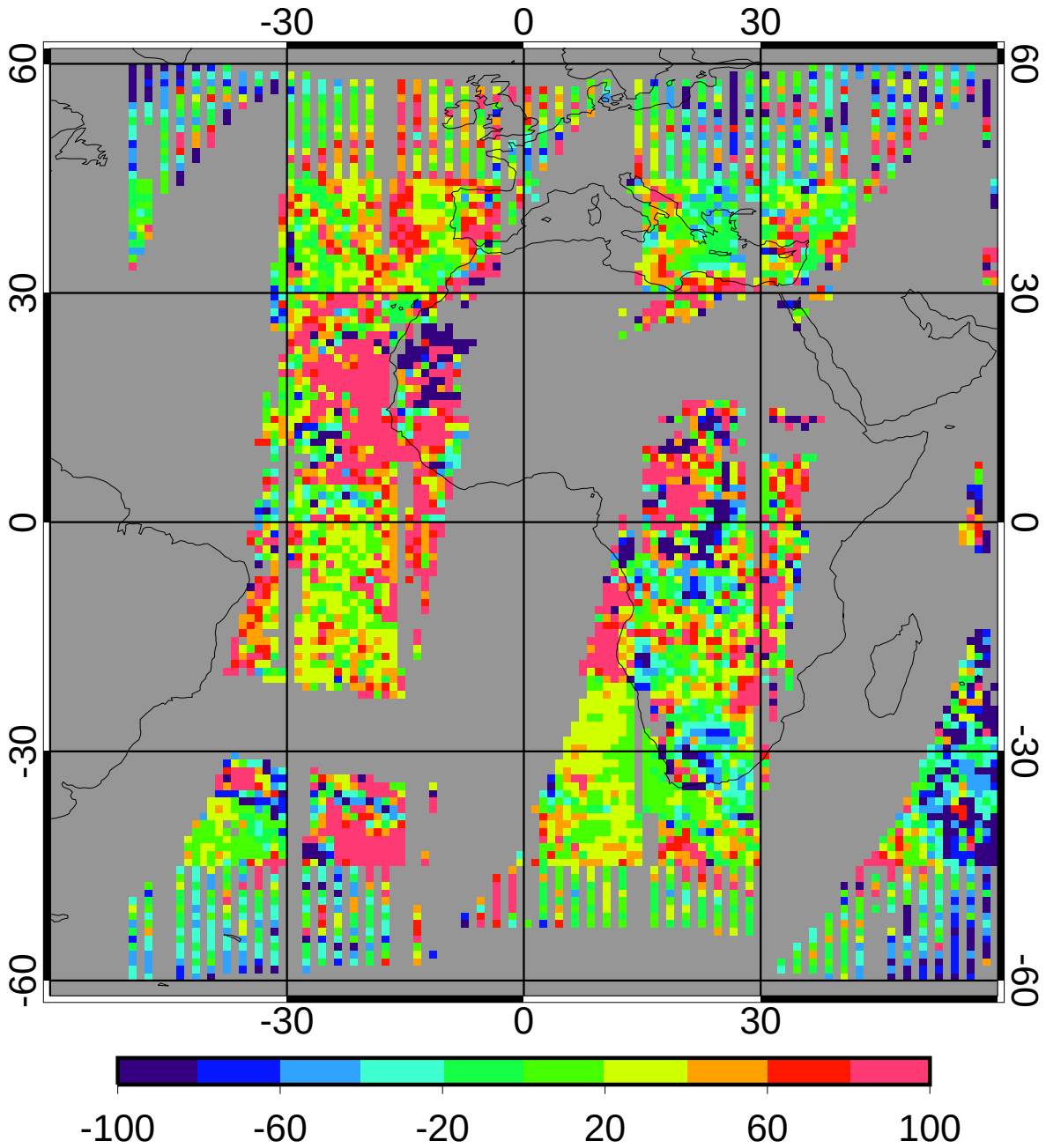
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Jan 2010



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

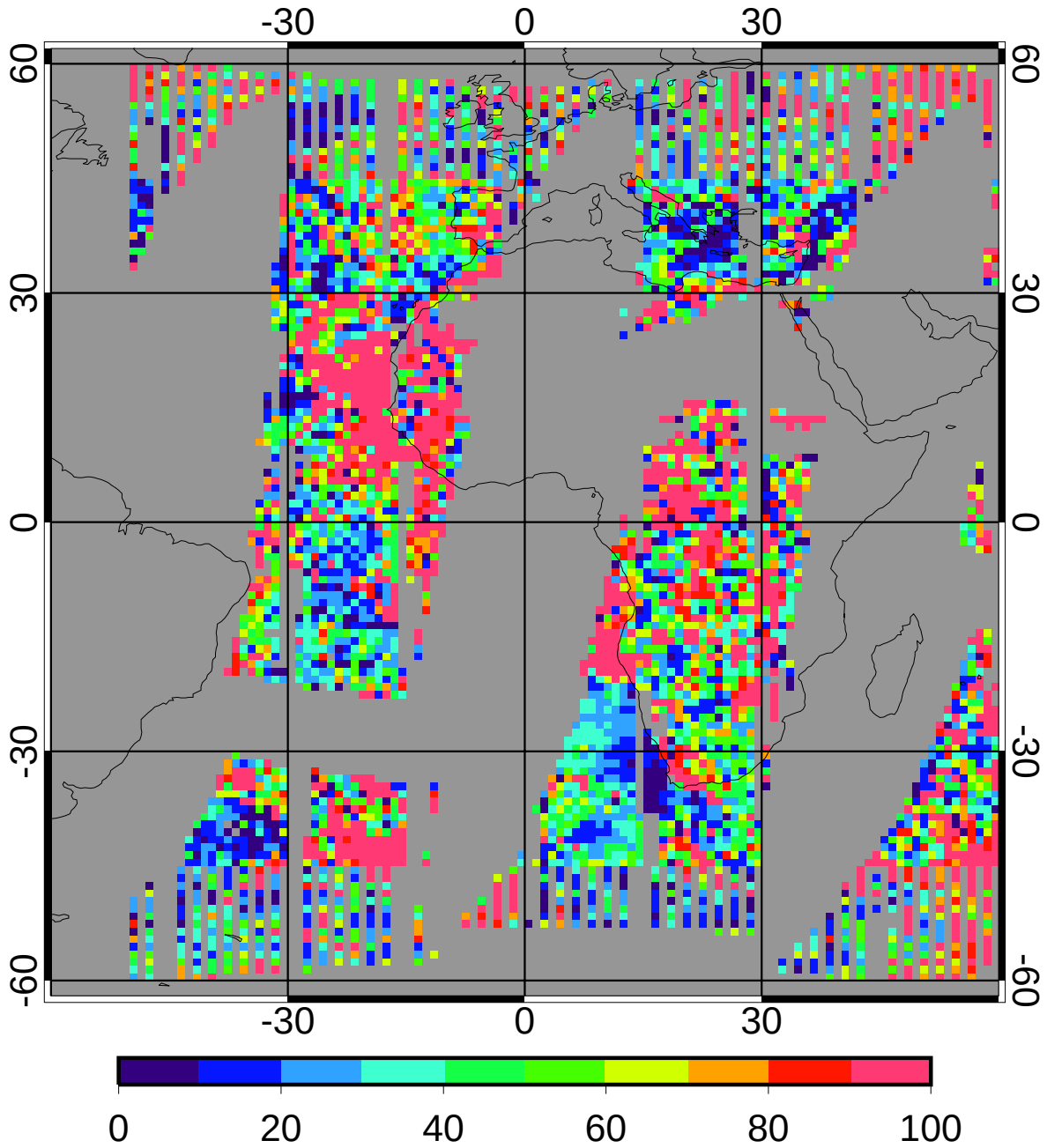
5ch_39cal Jan 2010



bias	22.17	3.94%
domain sigma	80.34	14.29%

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

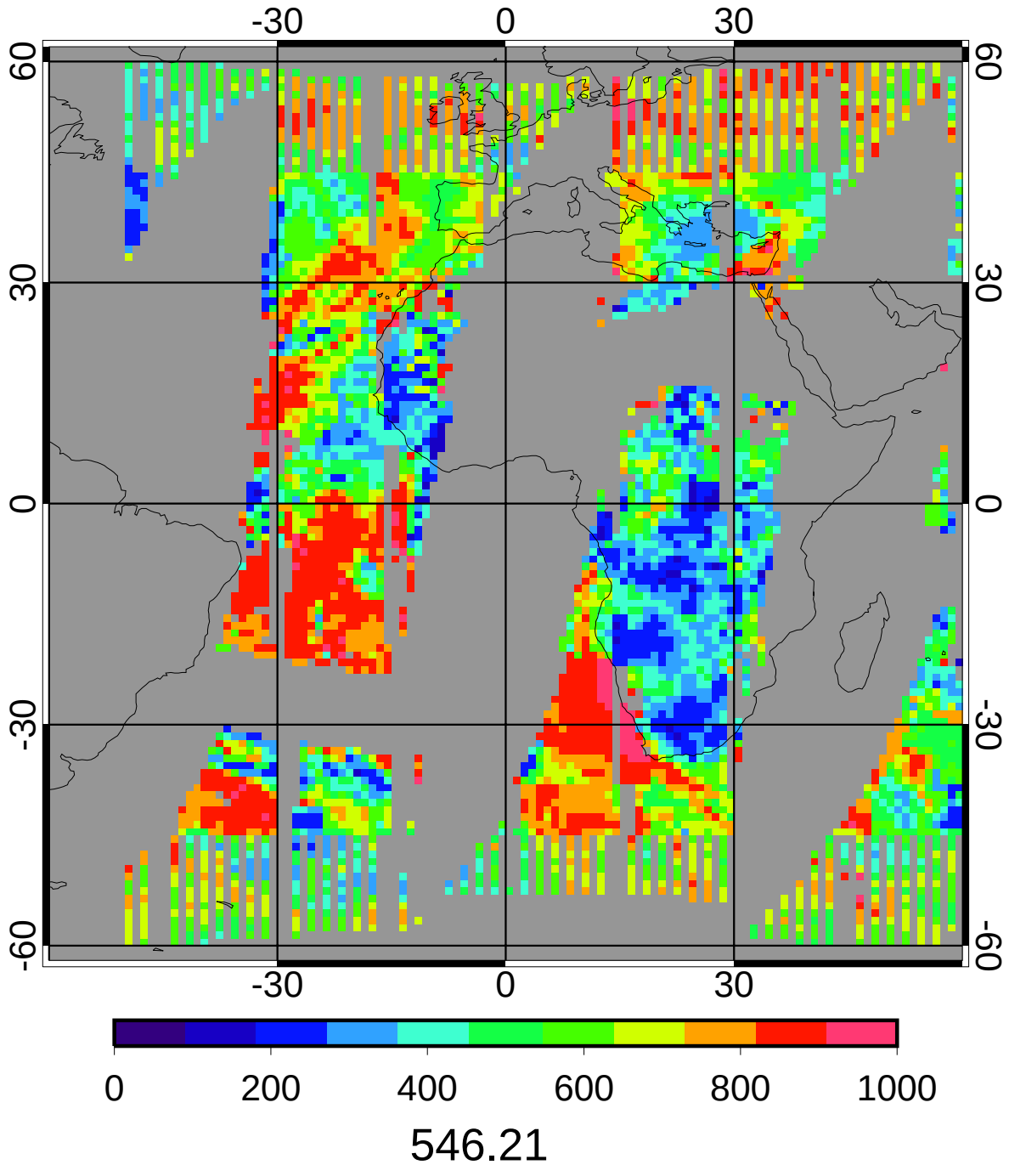
5ch_39cal Jan 2010



regave rms	67.02	11.92%
domain rms	91.23	16.23%

GGEO MEAN Nighttime Cloud Top Pressure (mb)

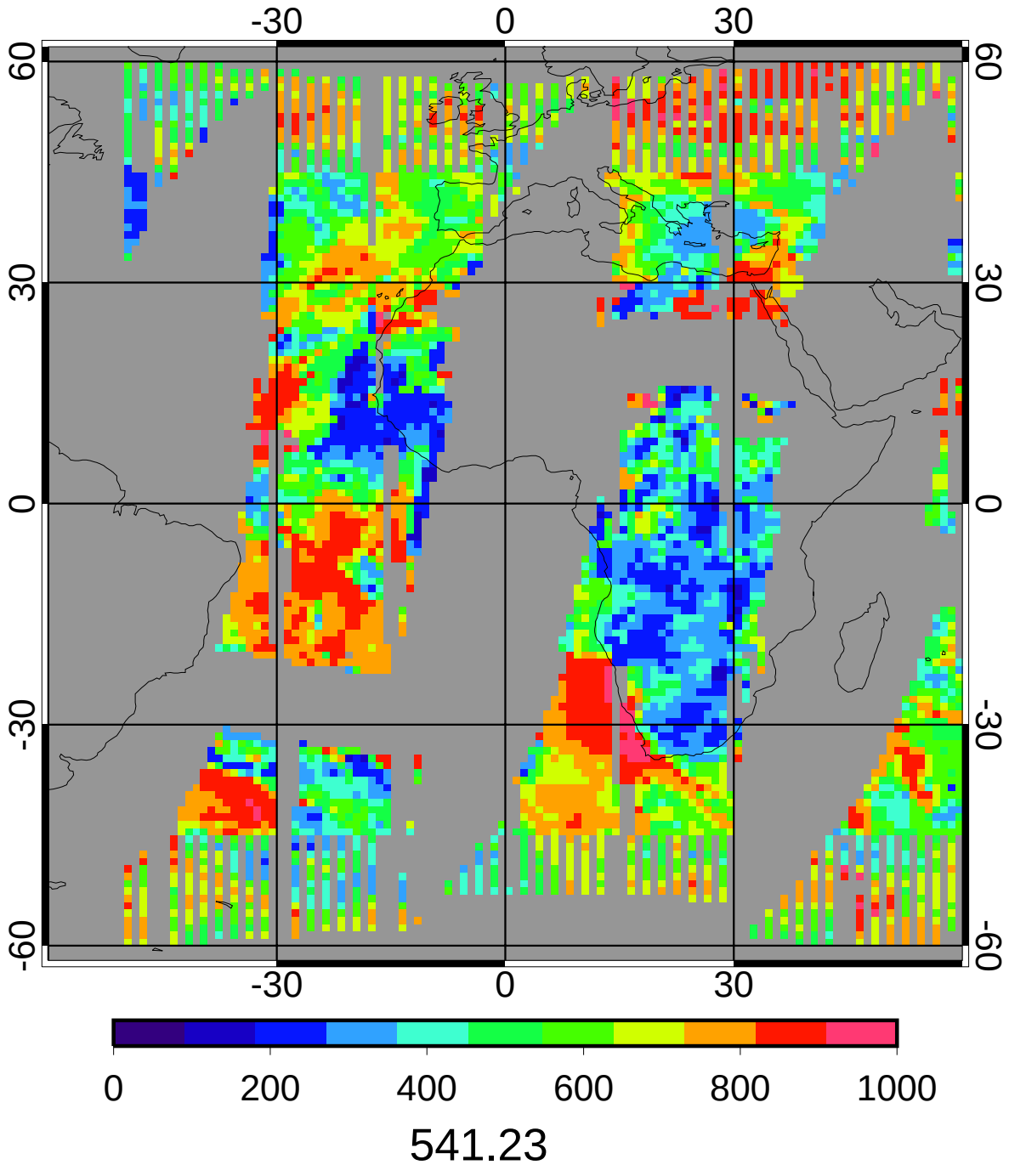
5ch_39cal Jan 2010



546.21

CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

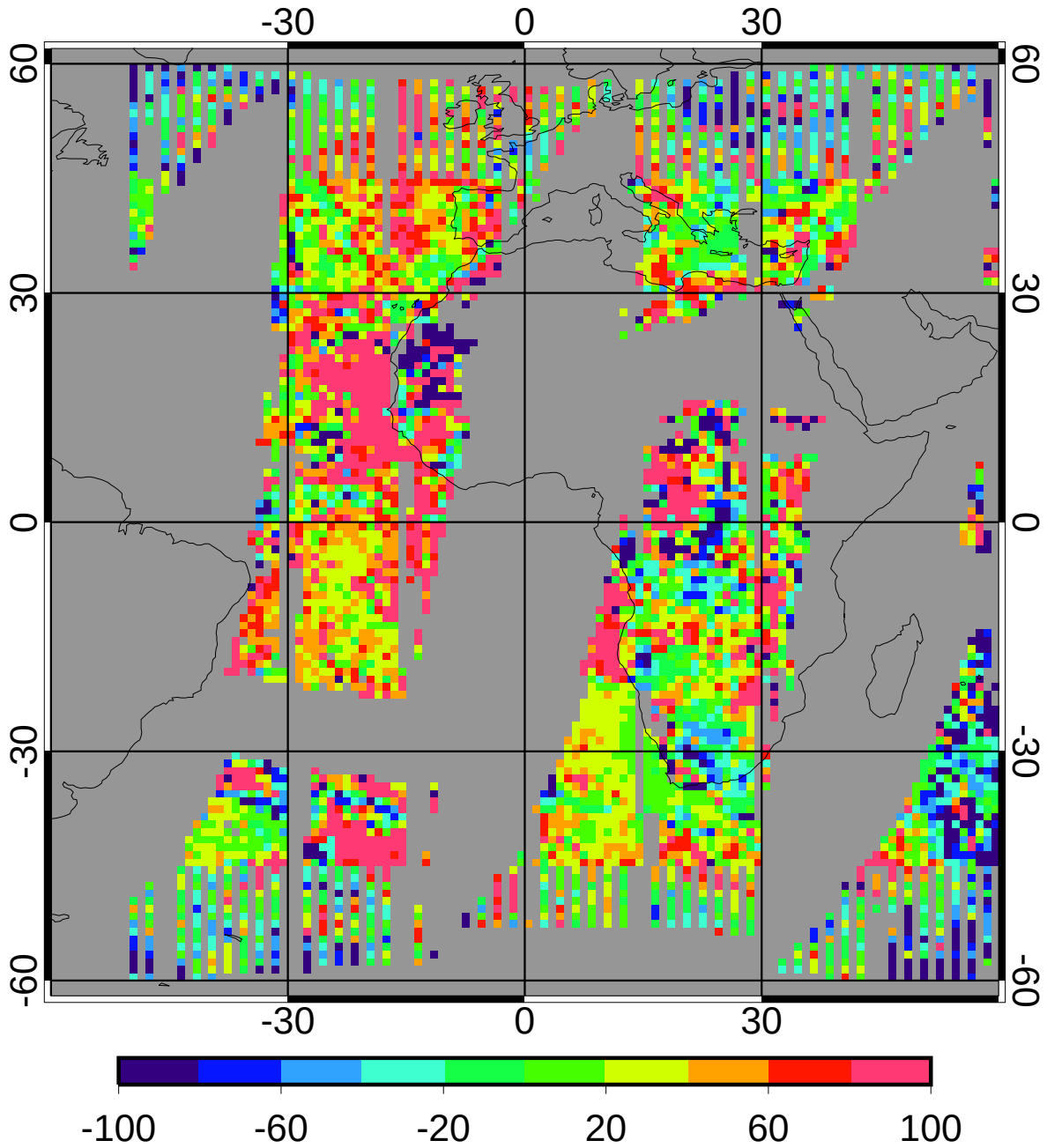
5ch_39cal Jan 2010



541.23

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

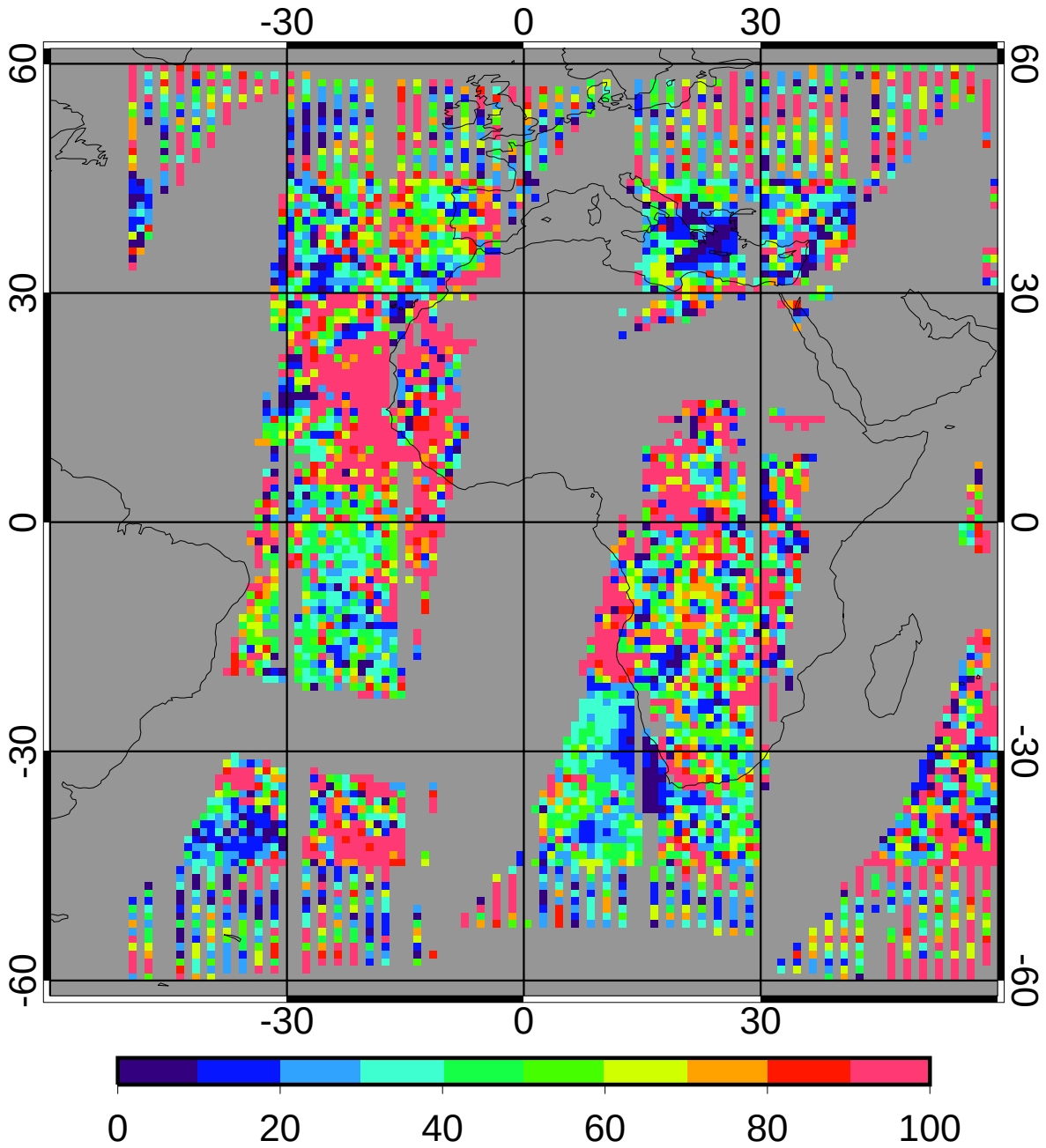
5ch_39cal Jan 2010



bias	23.72	4.38%
domain sigma	81.29	15.02%

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

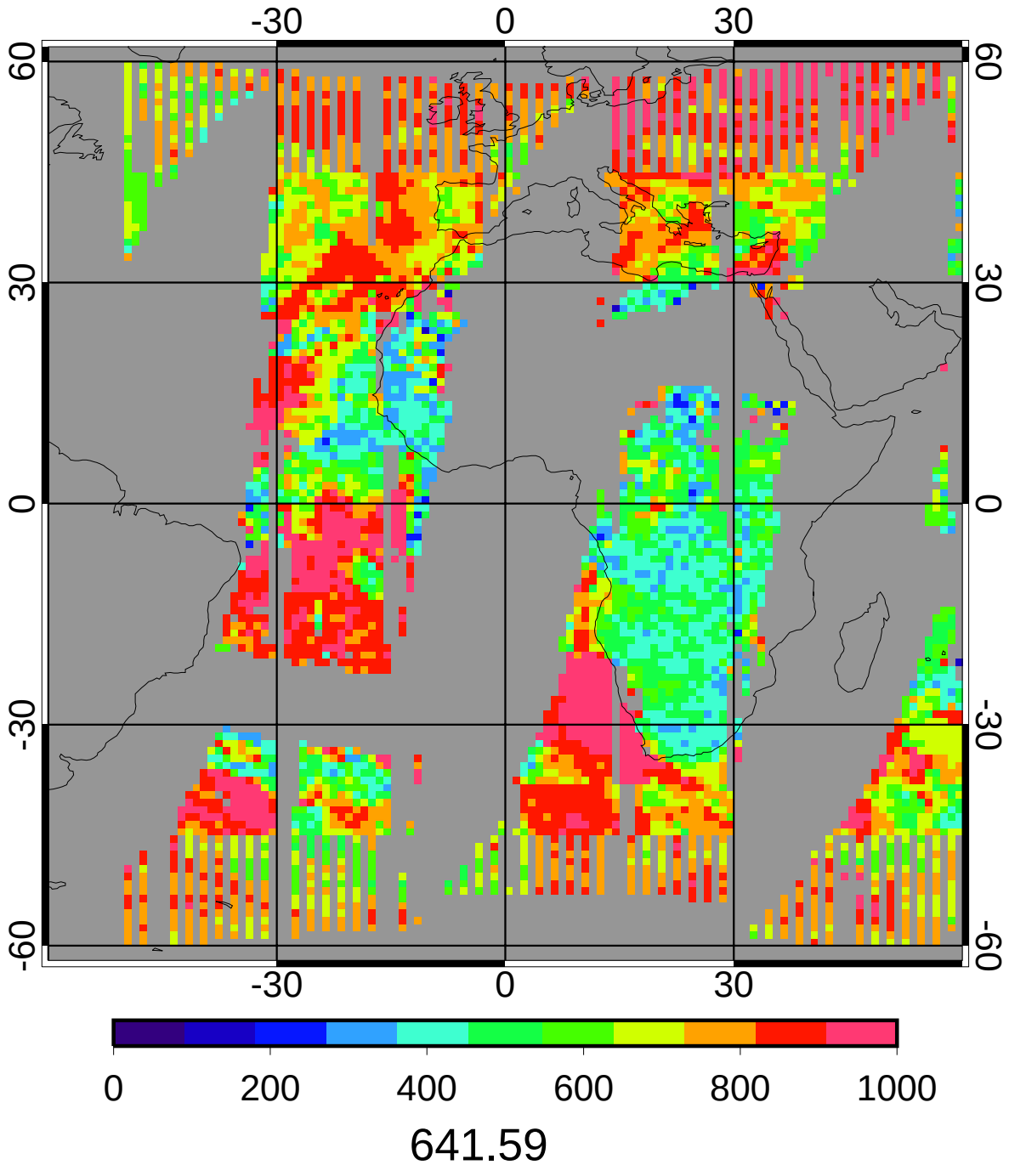
5ch_39cal Jan 2010



regave rms	68.66	12.69%
domain rms	91.99	17.00%

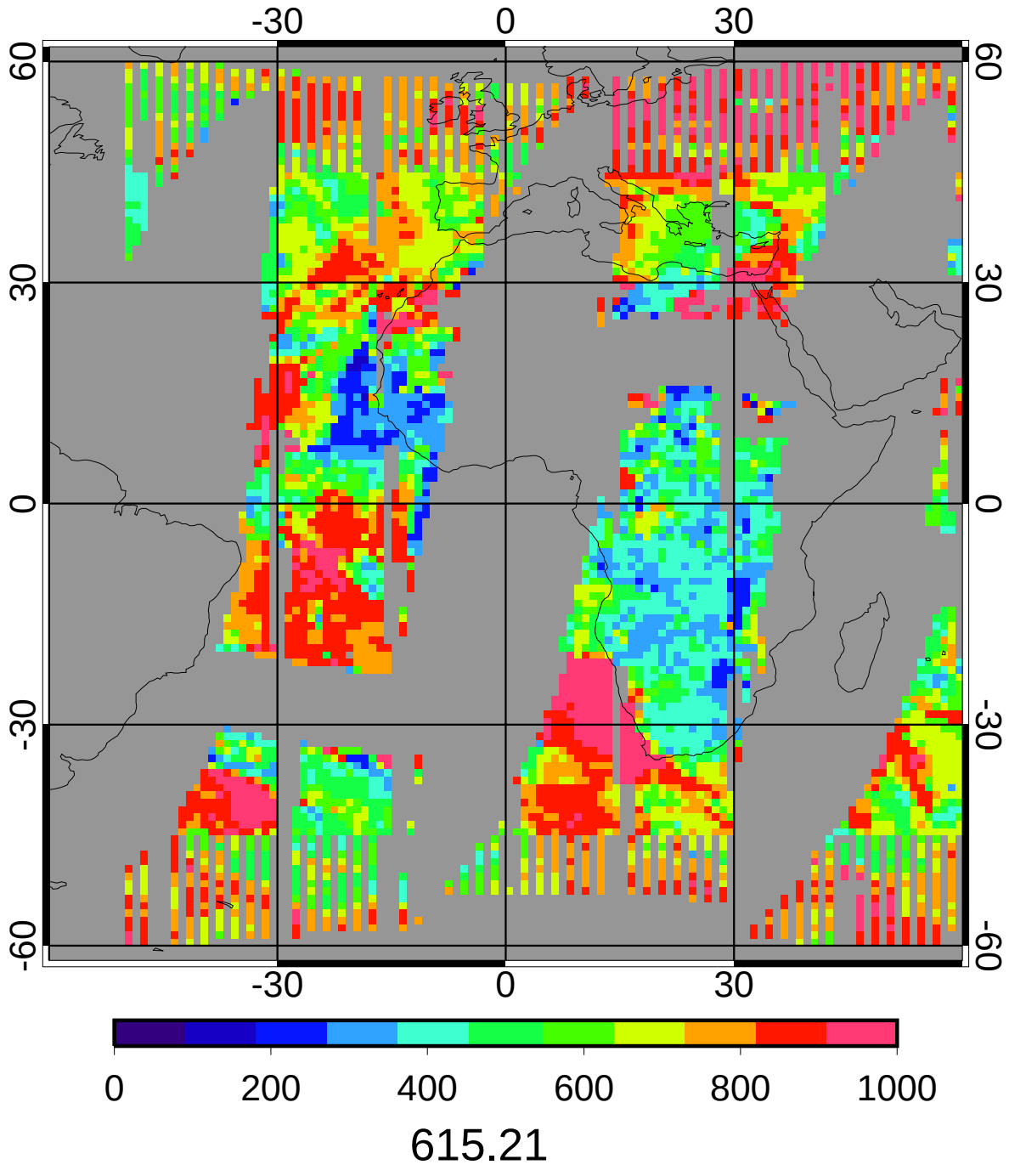
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Jan 2010



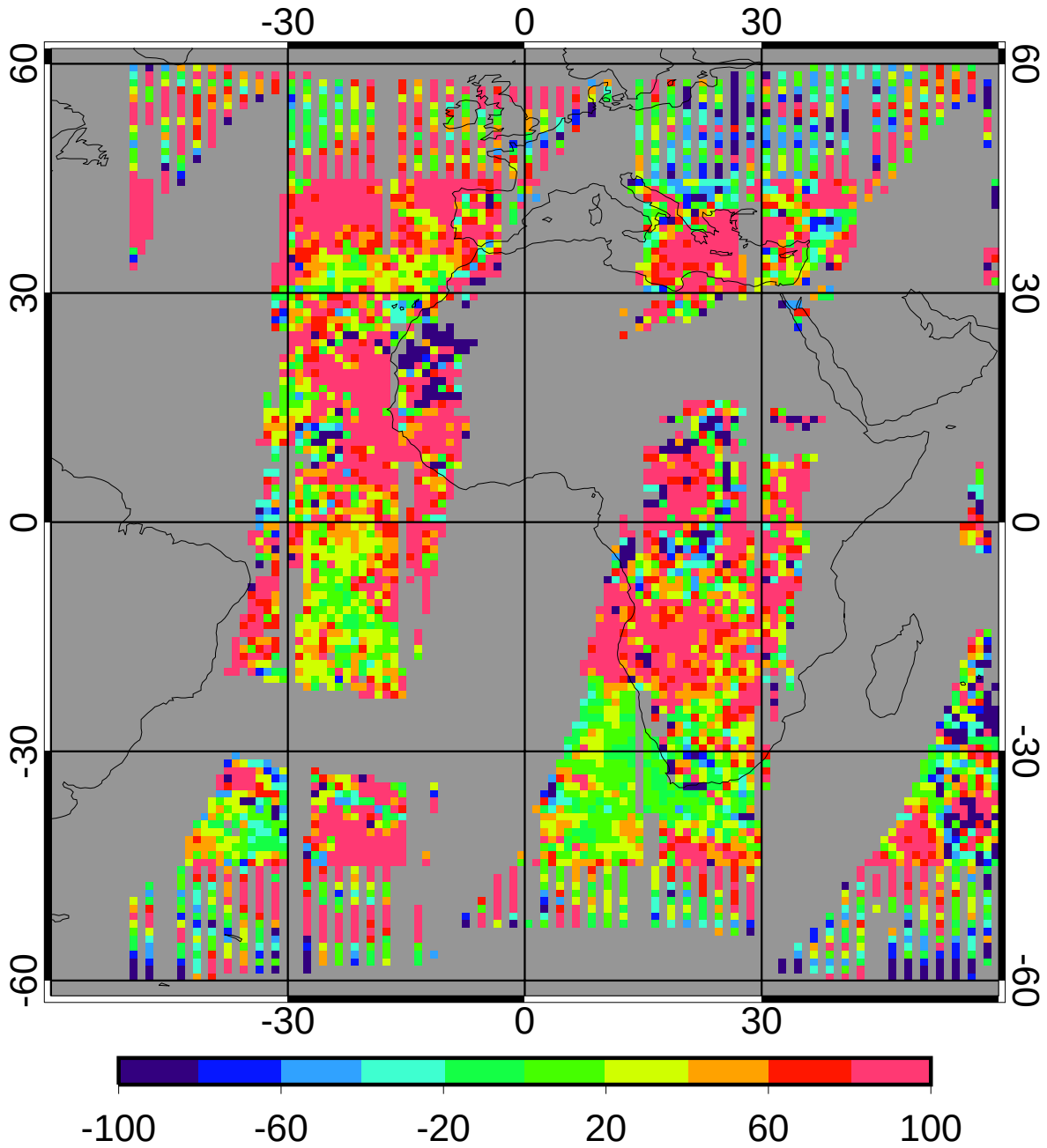
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Jan 2010



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

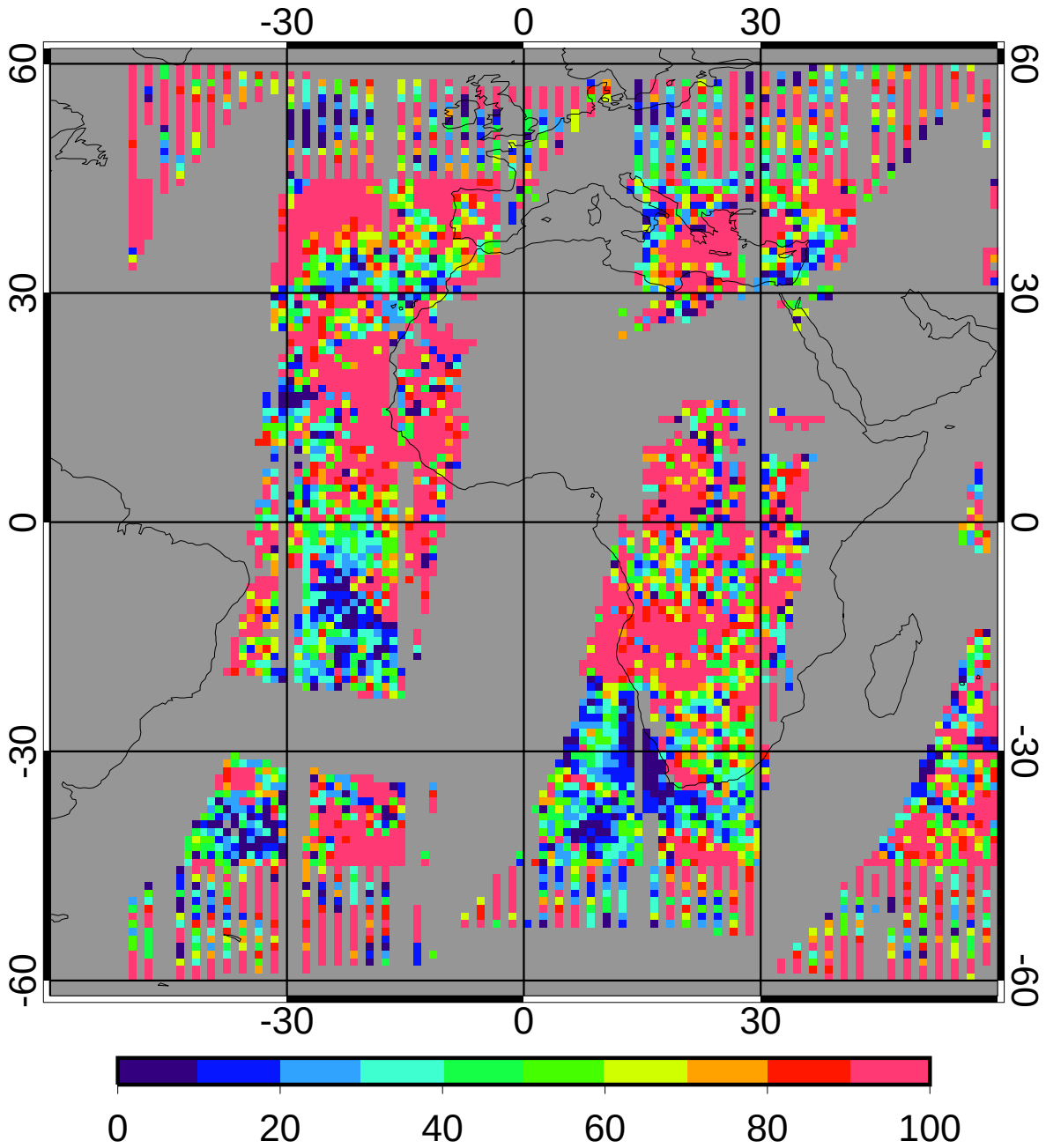
5ch_39cal Jan 2010



bias	46.34	7.53%
domain sigma	86.07	13.99%

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

5ch_39cal Jan 2010

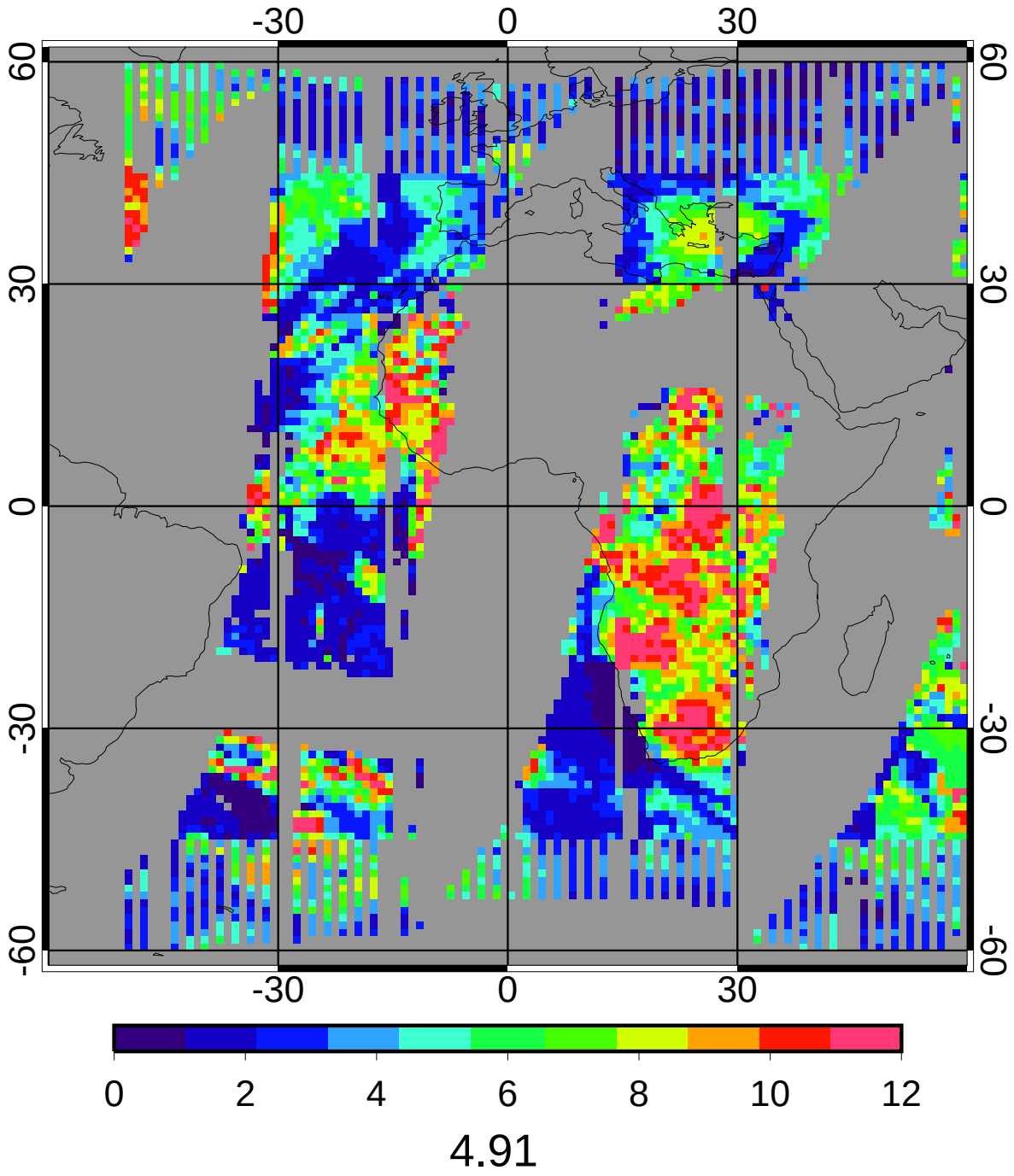


regave rms 85.05 13.82%

domain rms 106.99 17.39%

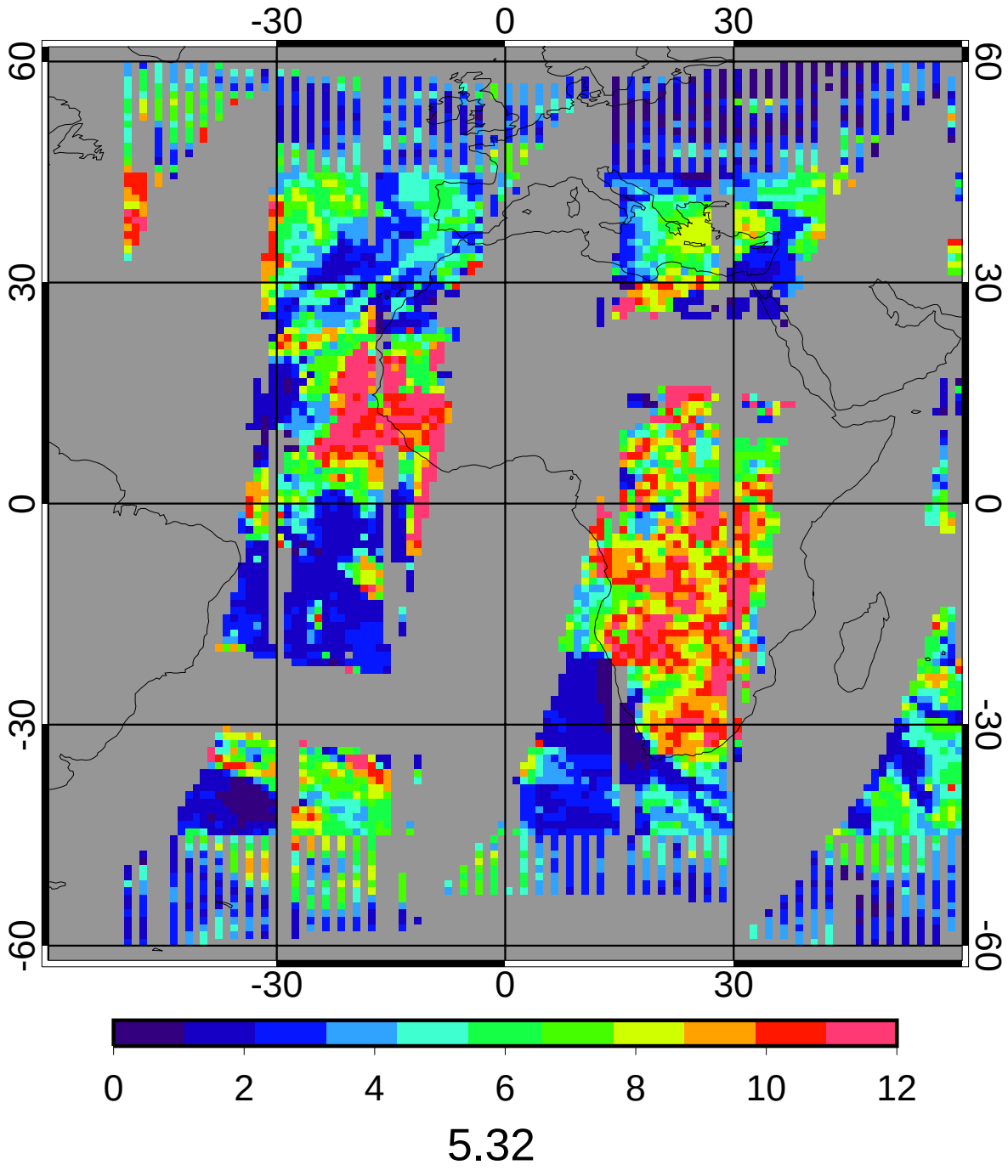
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Jan 2010



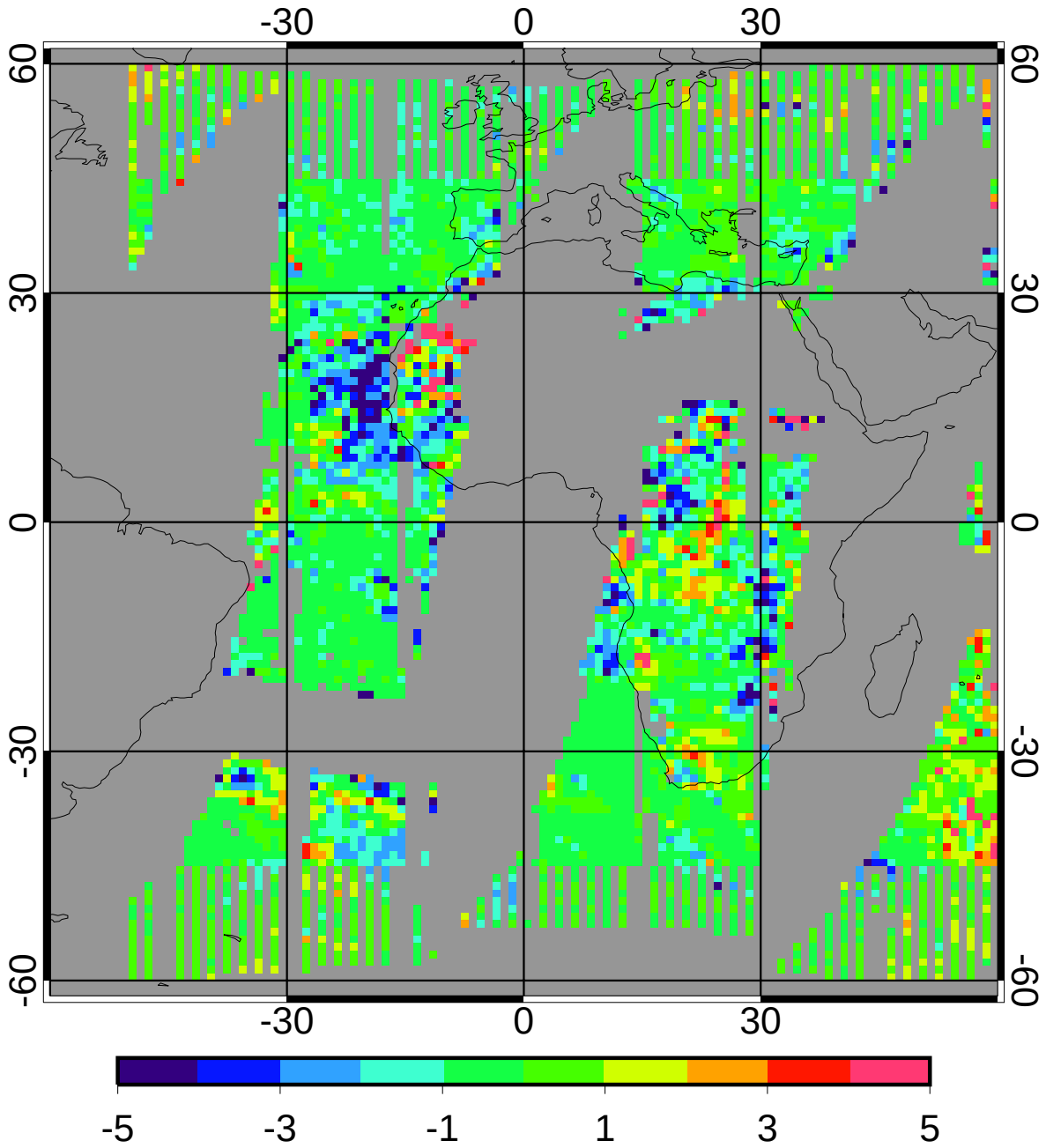
CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Jan 2010



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

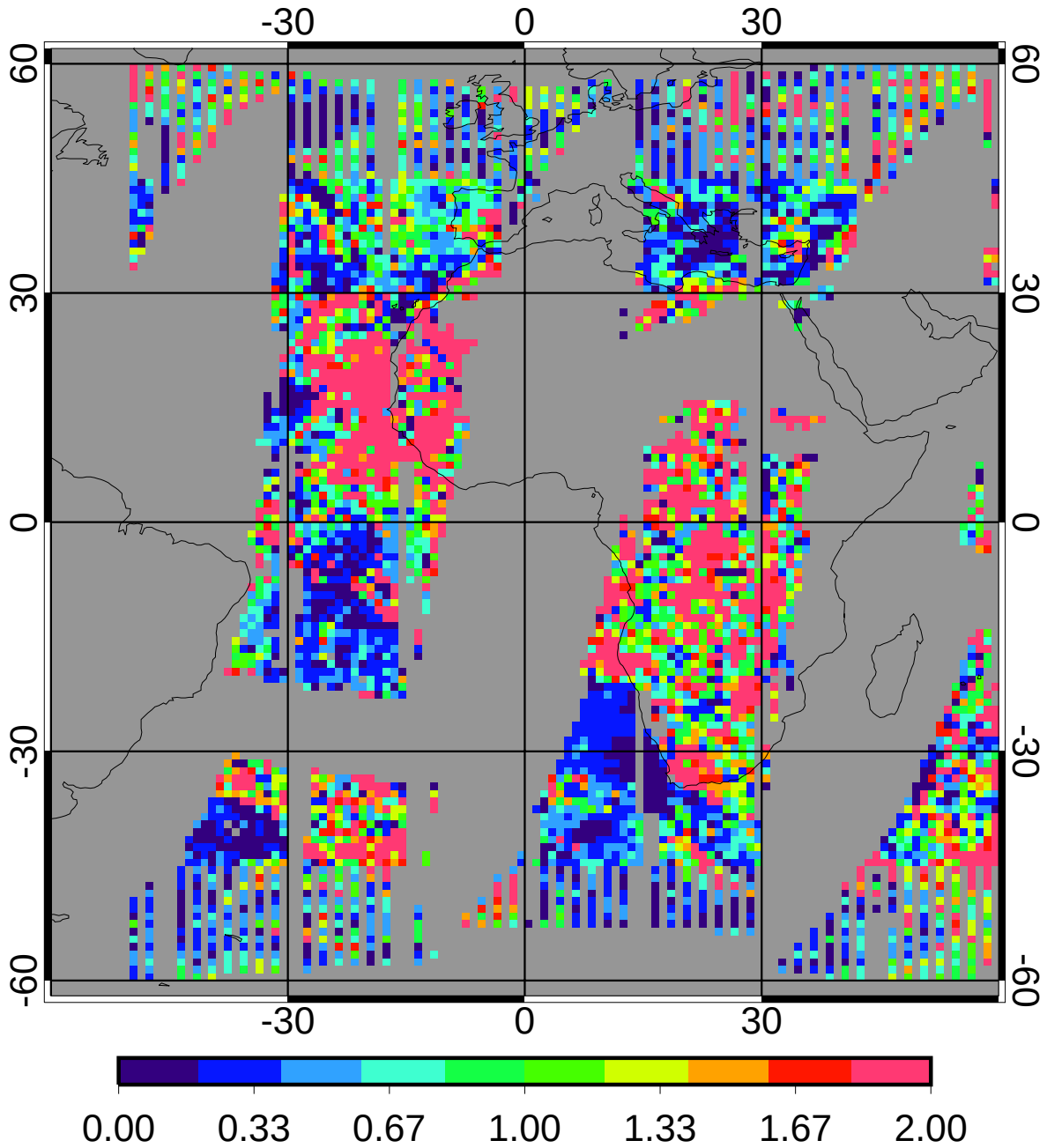
5ch_39cal Jan 2010



bias	-0.34	-6.43%
domain sigma	1.45	27.28%

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

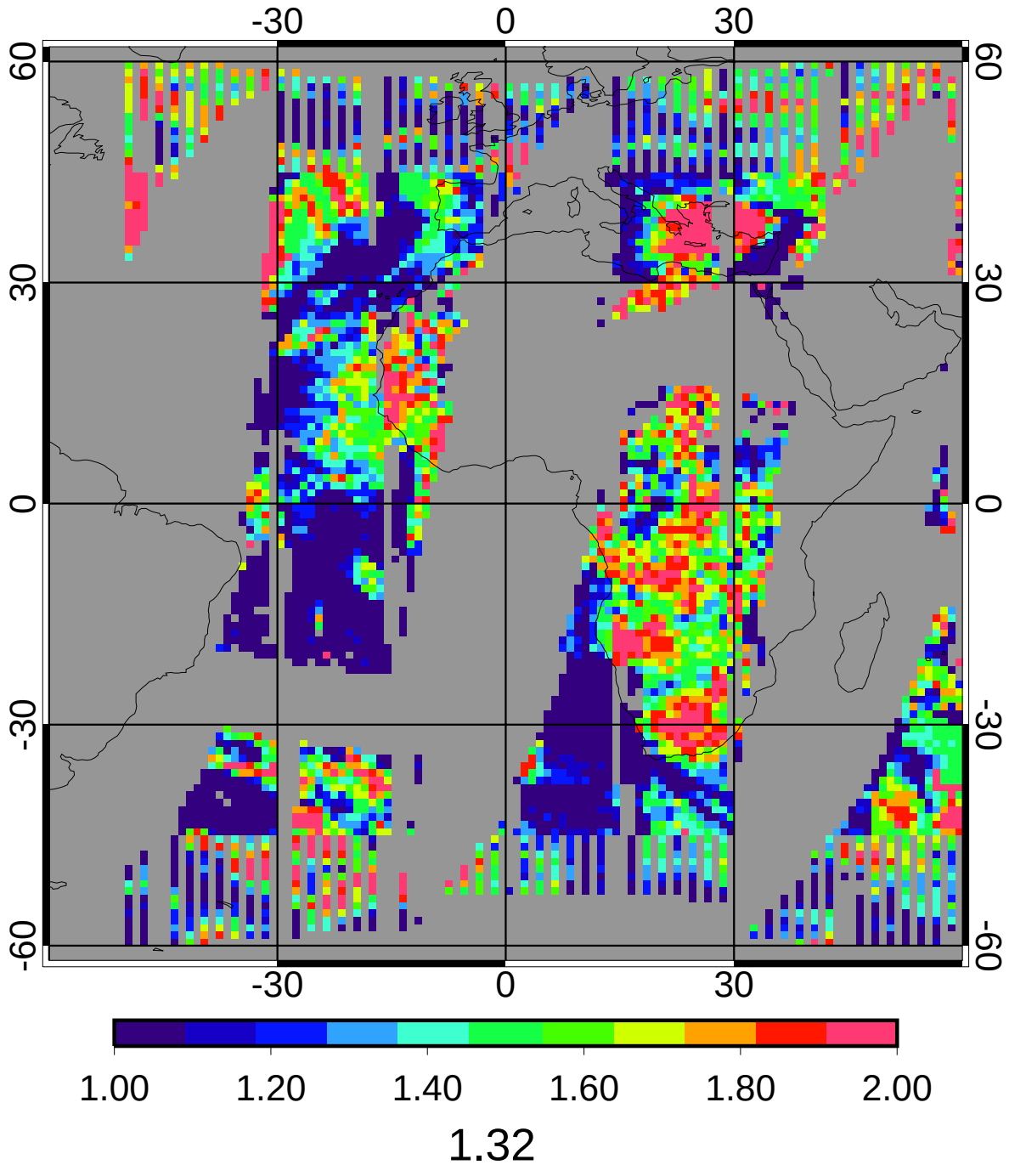
5ch_39cal Jan 2010



regave rms	1.17	22.00%
domain rms	1.67	31.34%

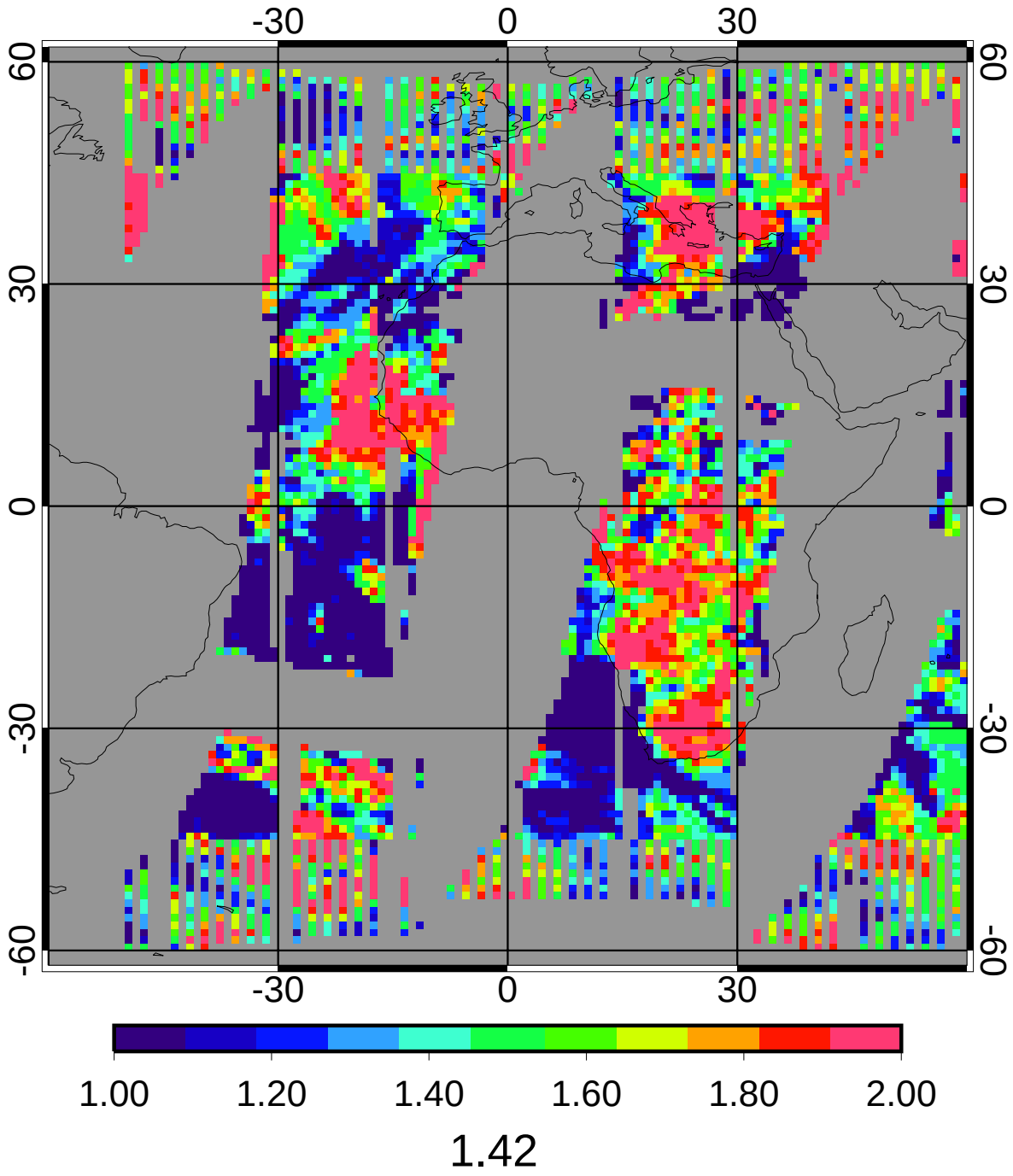
GGEO MEAN Nighttime Cloud Phase

5ch_39cal Jan 2010



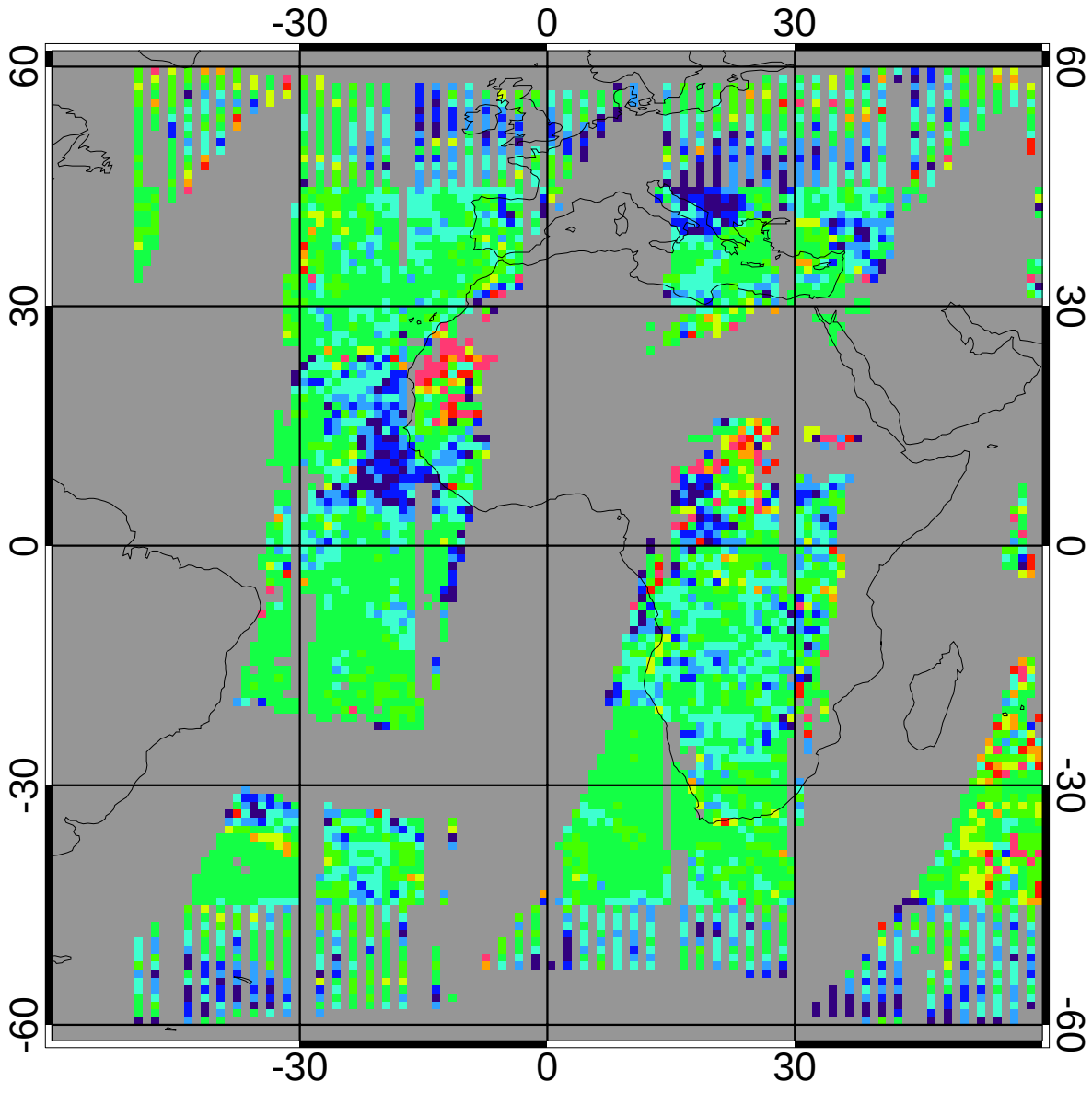
CERES/Aqua MEAN Nighttime Cloud Phase

5ch_39cal Jan 2010



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

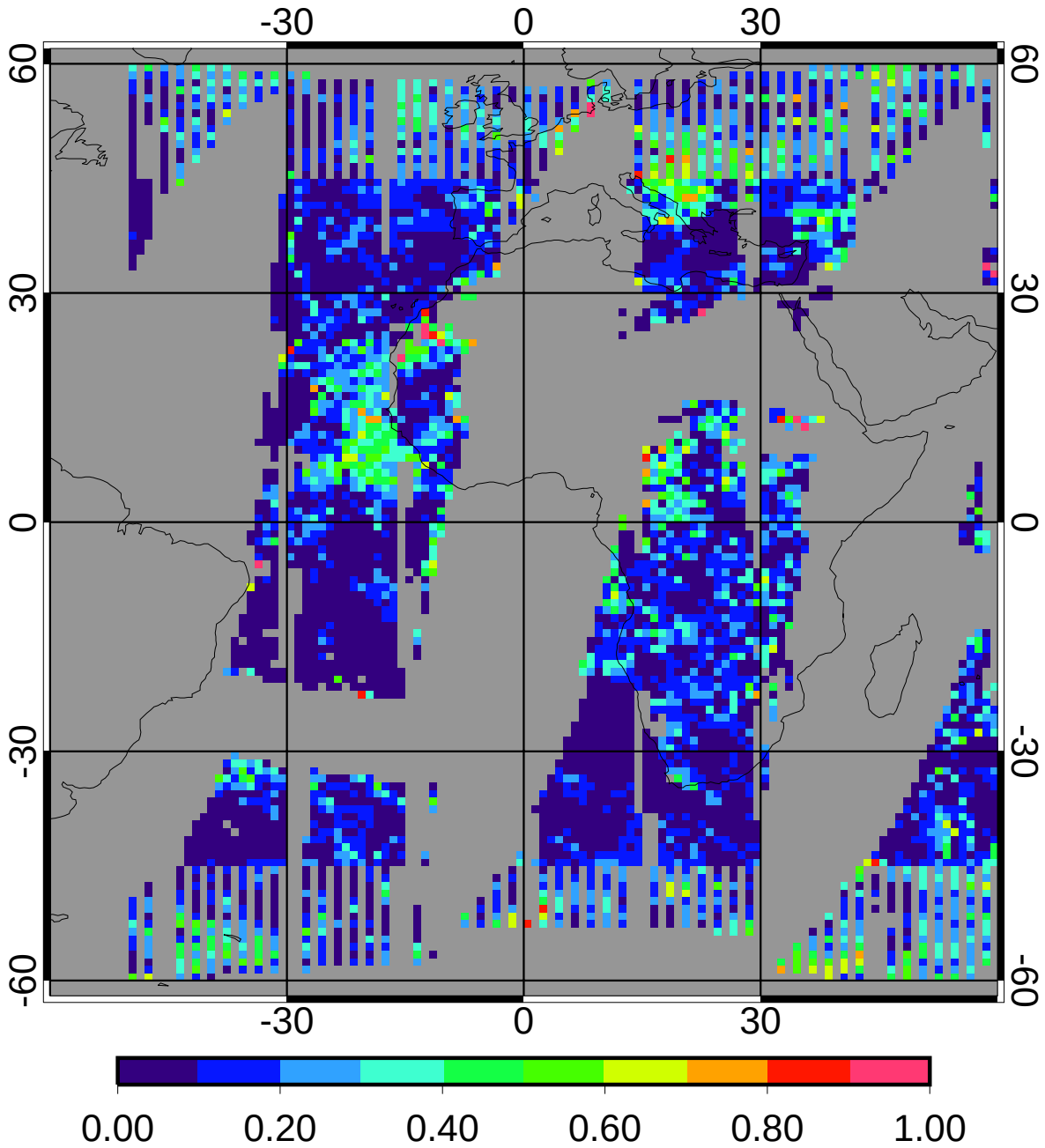
5ch_39cal Jan 2010



bias	-0.07	-5.07%
domain sigma	0.16	11.14%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

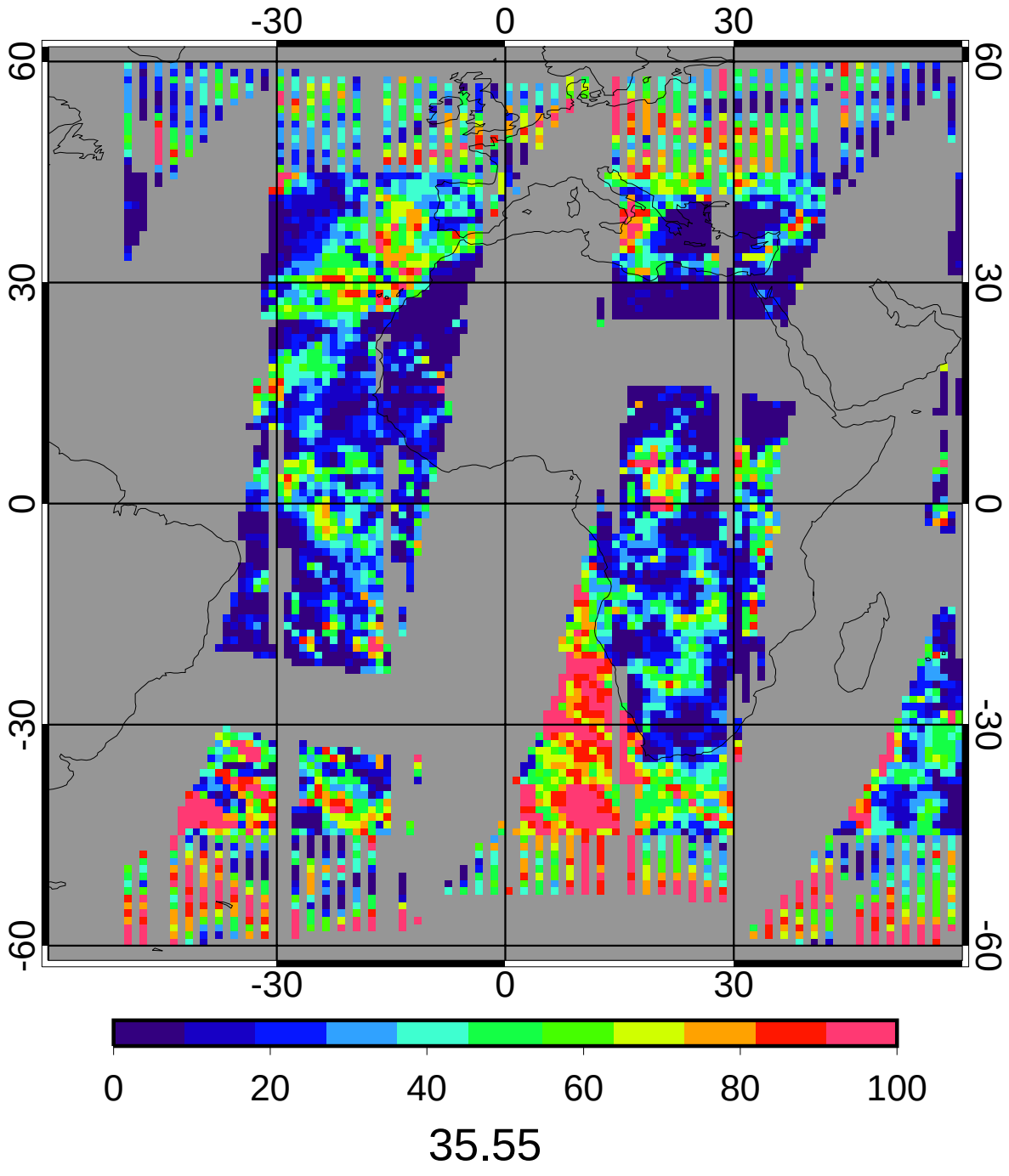
5ch_39cal Jan 2010



regave rms	0.14	10.01%
domain rms	0.20	14.00%

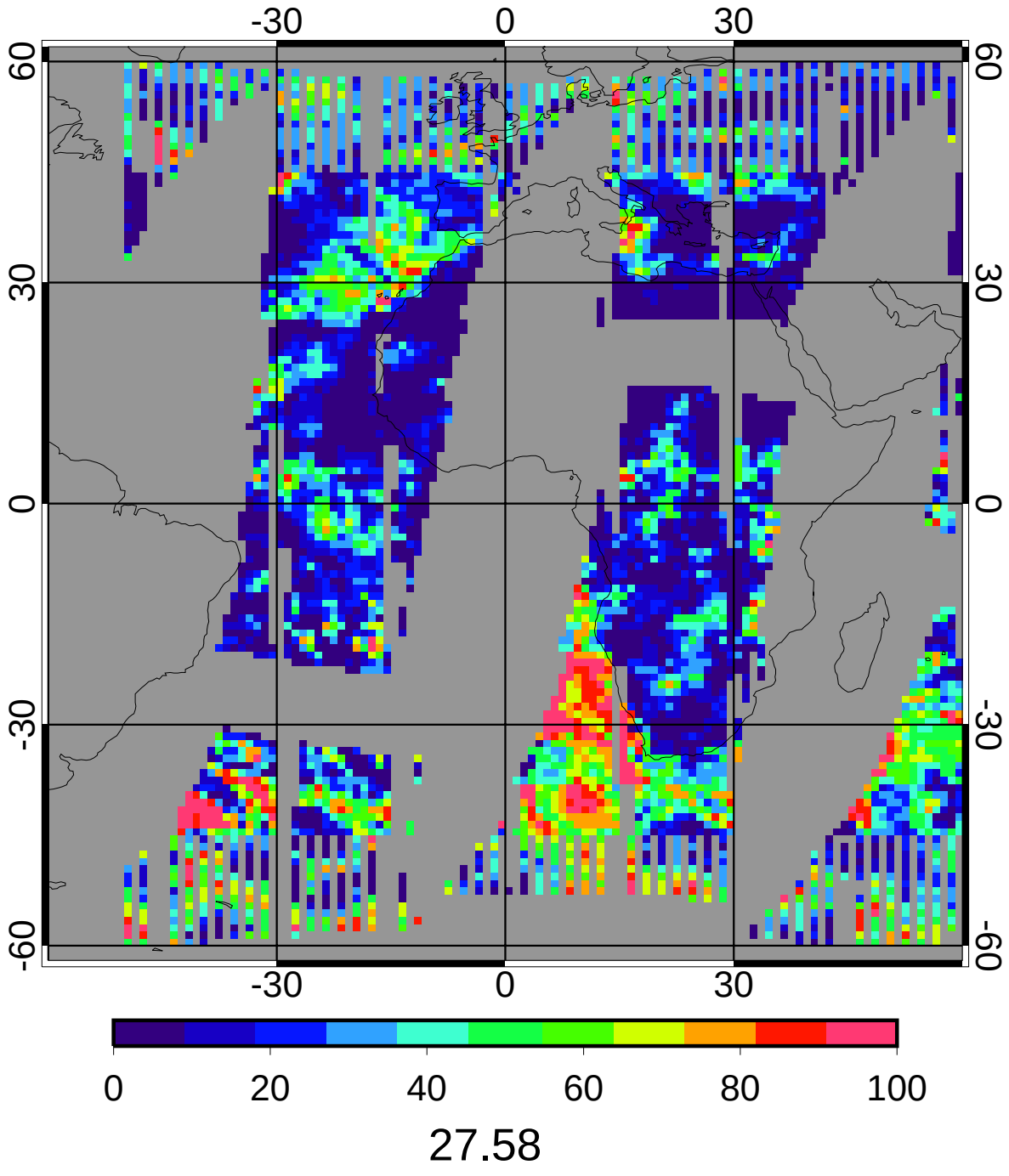
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Jan 2010



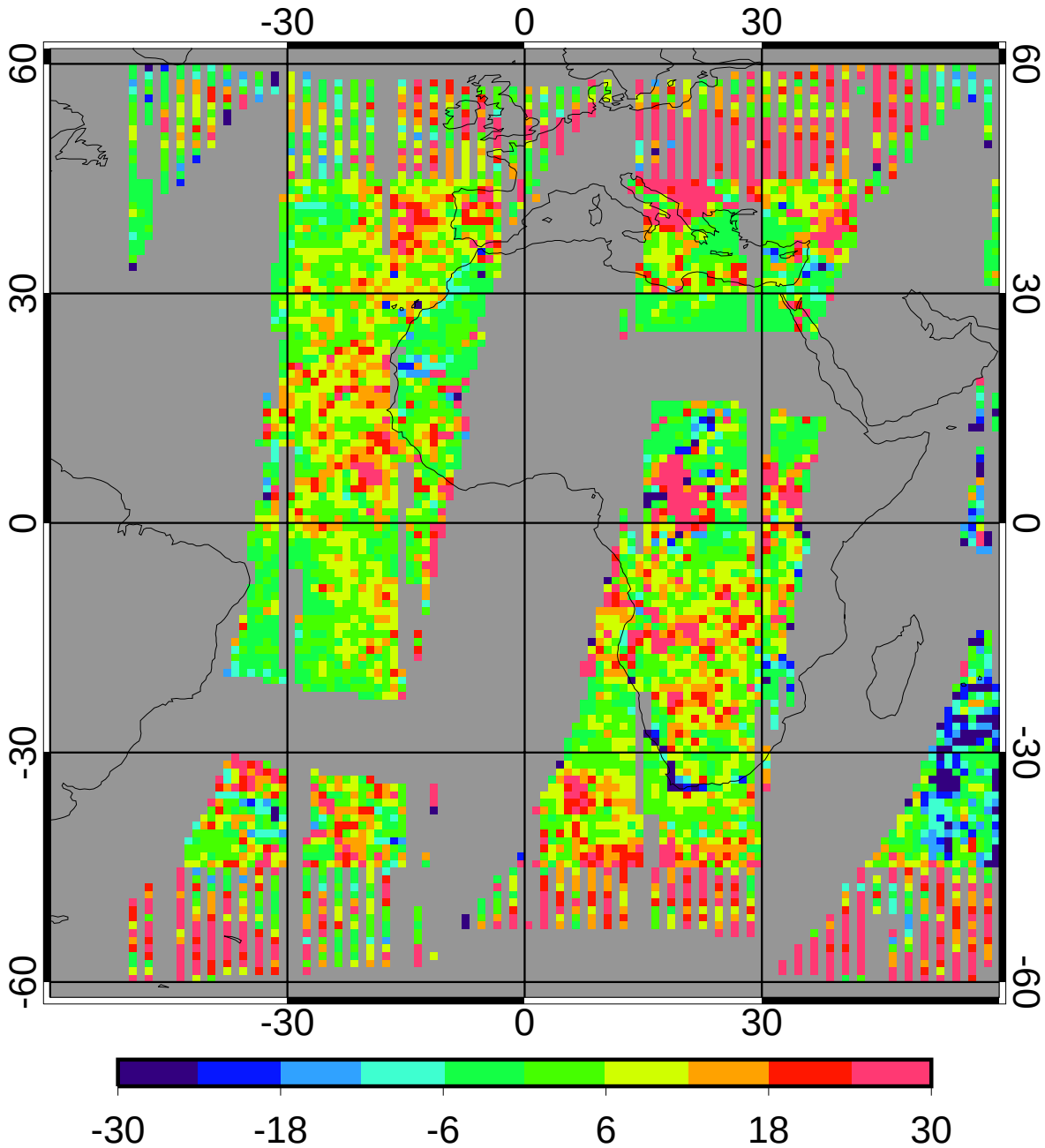
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Jan 2010



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

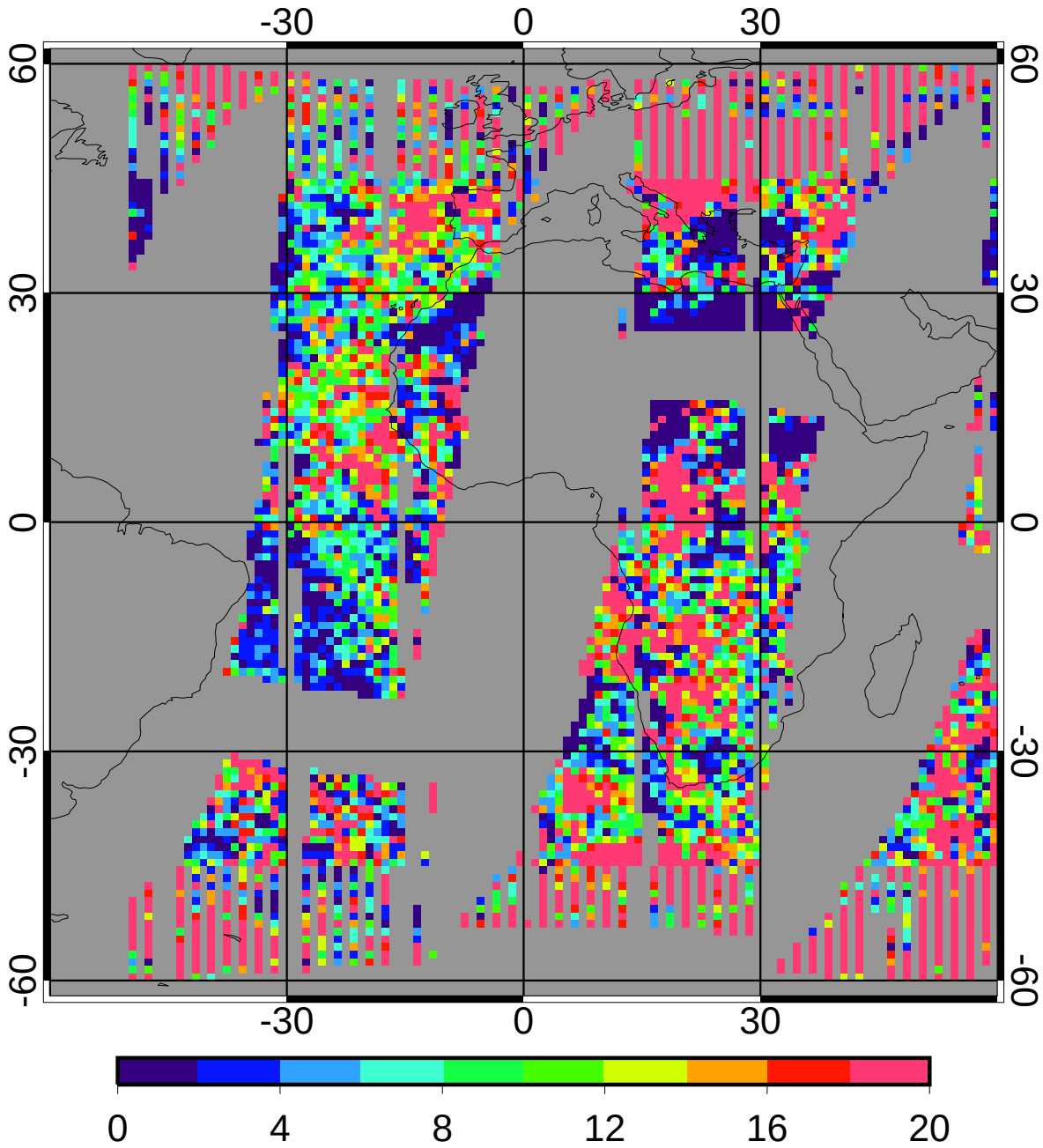
5ch_39cal Jan 2010



bias	7.97	28.91%
domain sigma	12.28	44.51%

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

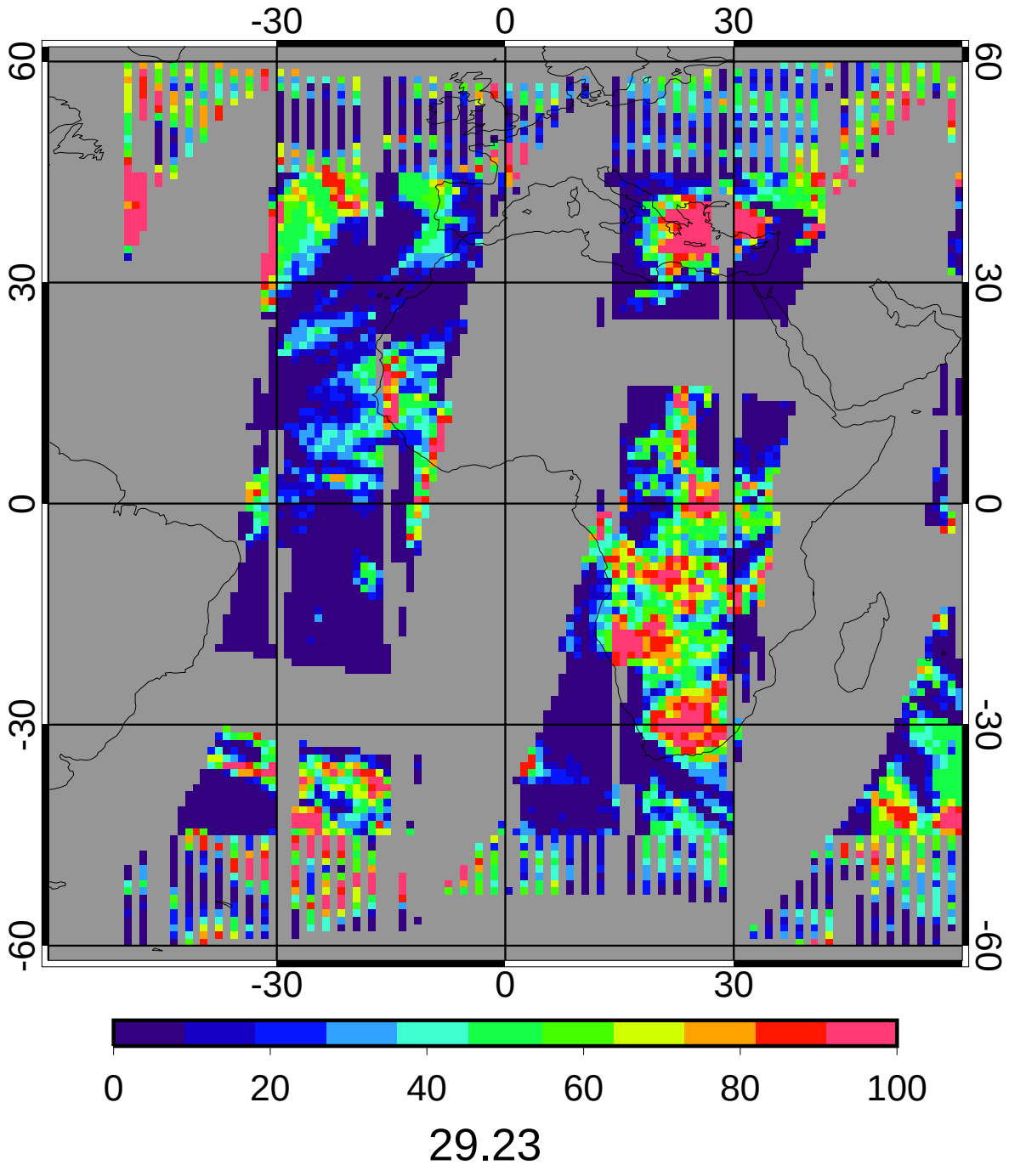
5ch_39cal Jan 2010



regave rms	13.49	48.93%
domain rms	17.73	64.29%

GGEO MEAN Nighttime Ice Cld Amt (%)

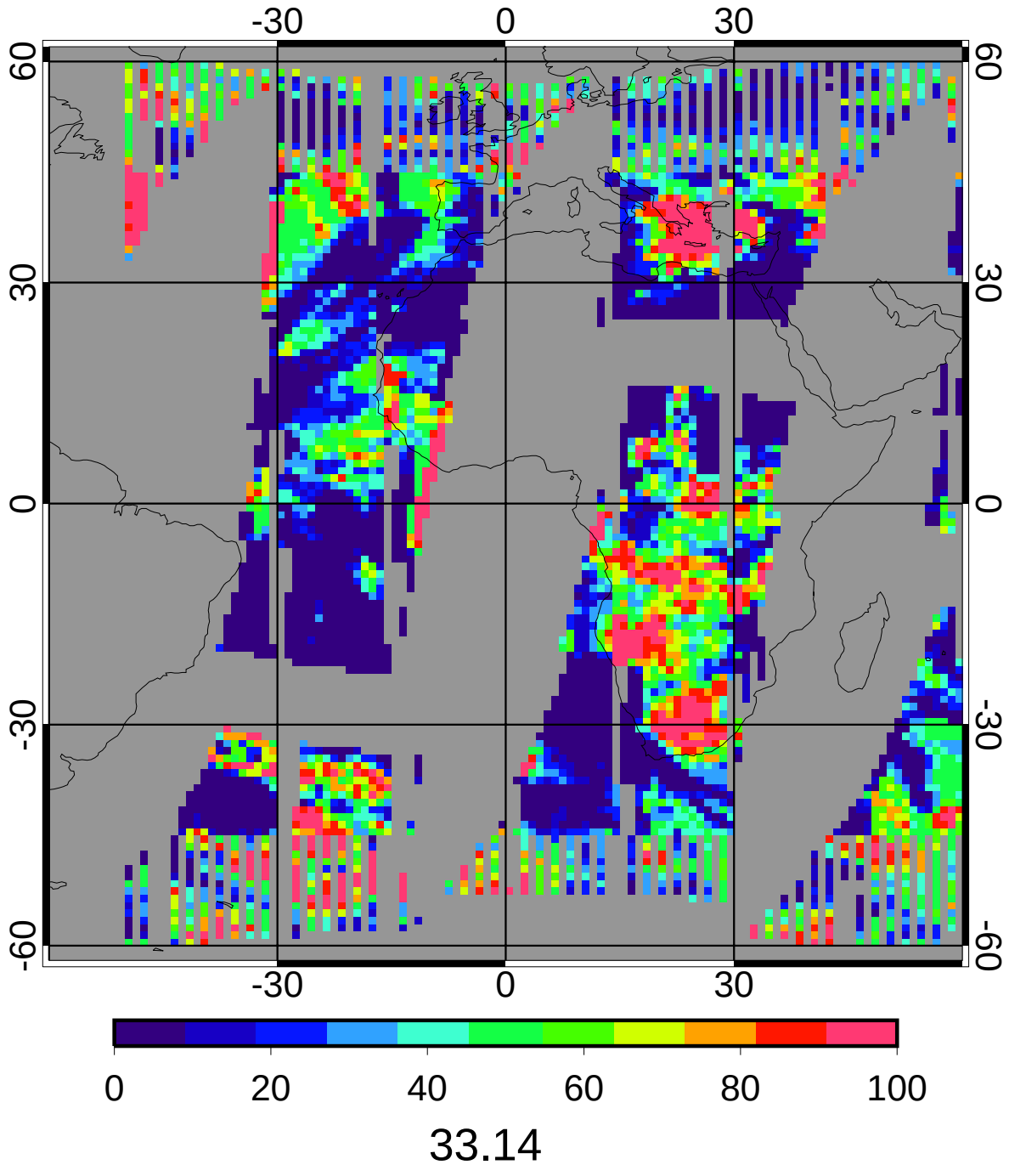
5ch_39cal Jan 2010



29.23

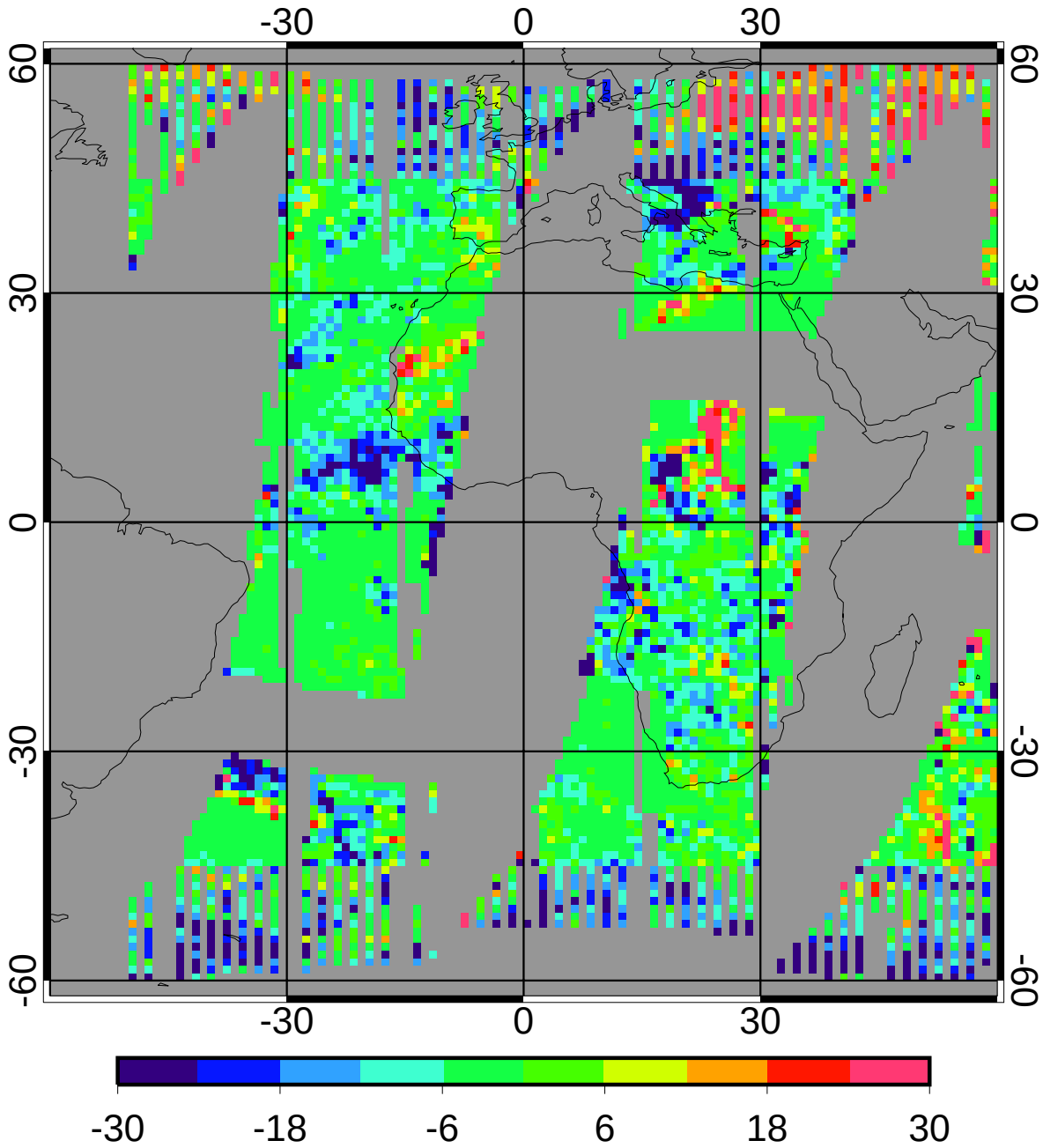
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Jan 2010



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

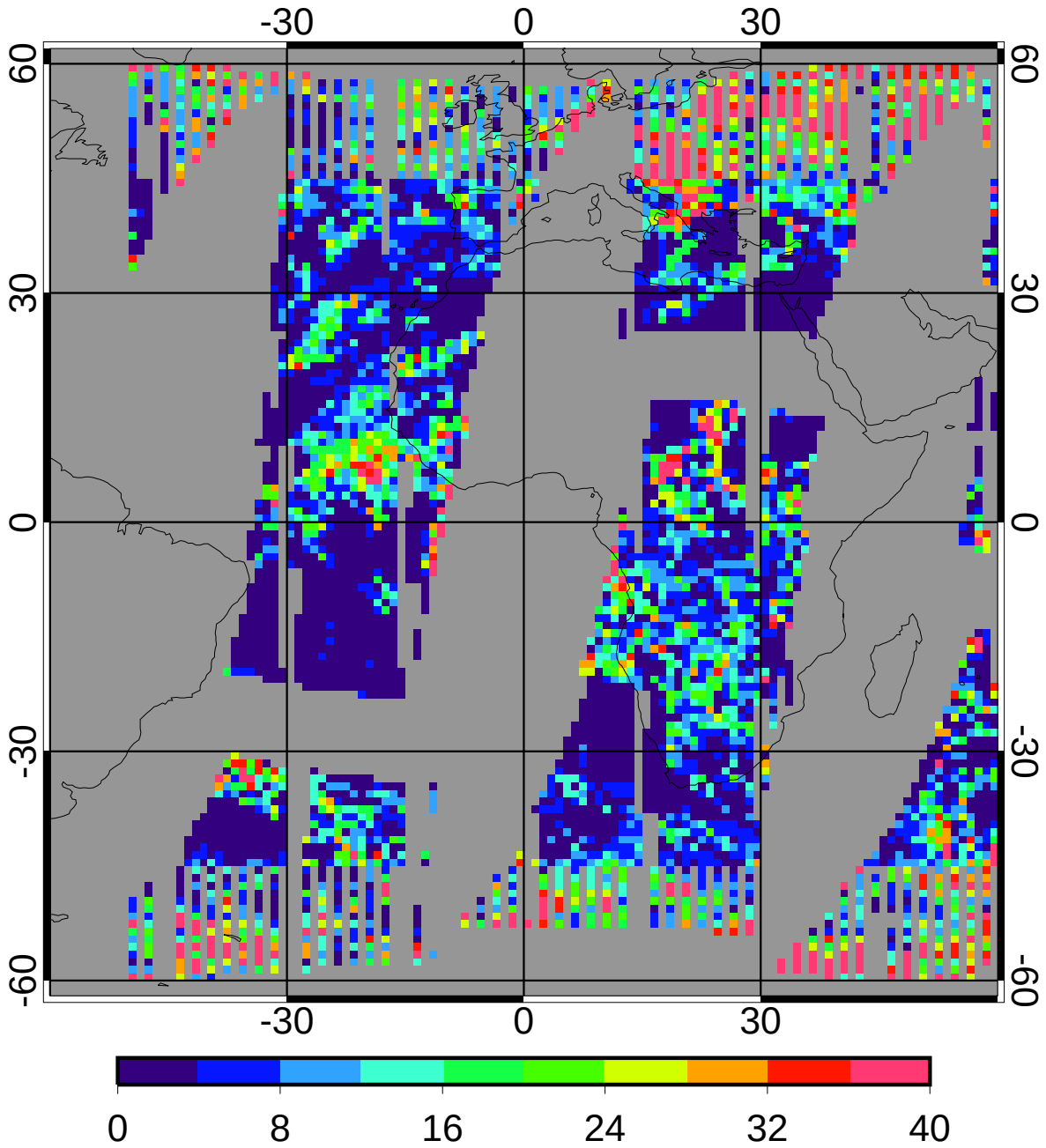
5ch_39cal Jan 2010



bias	-3.92	-11.82%
domain sigma	10.54	31.79%

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

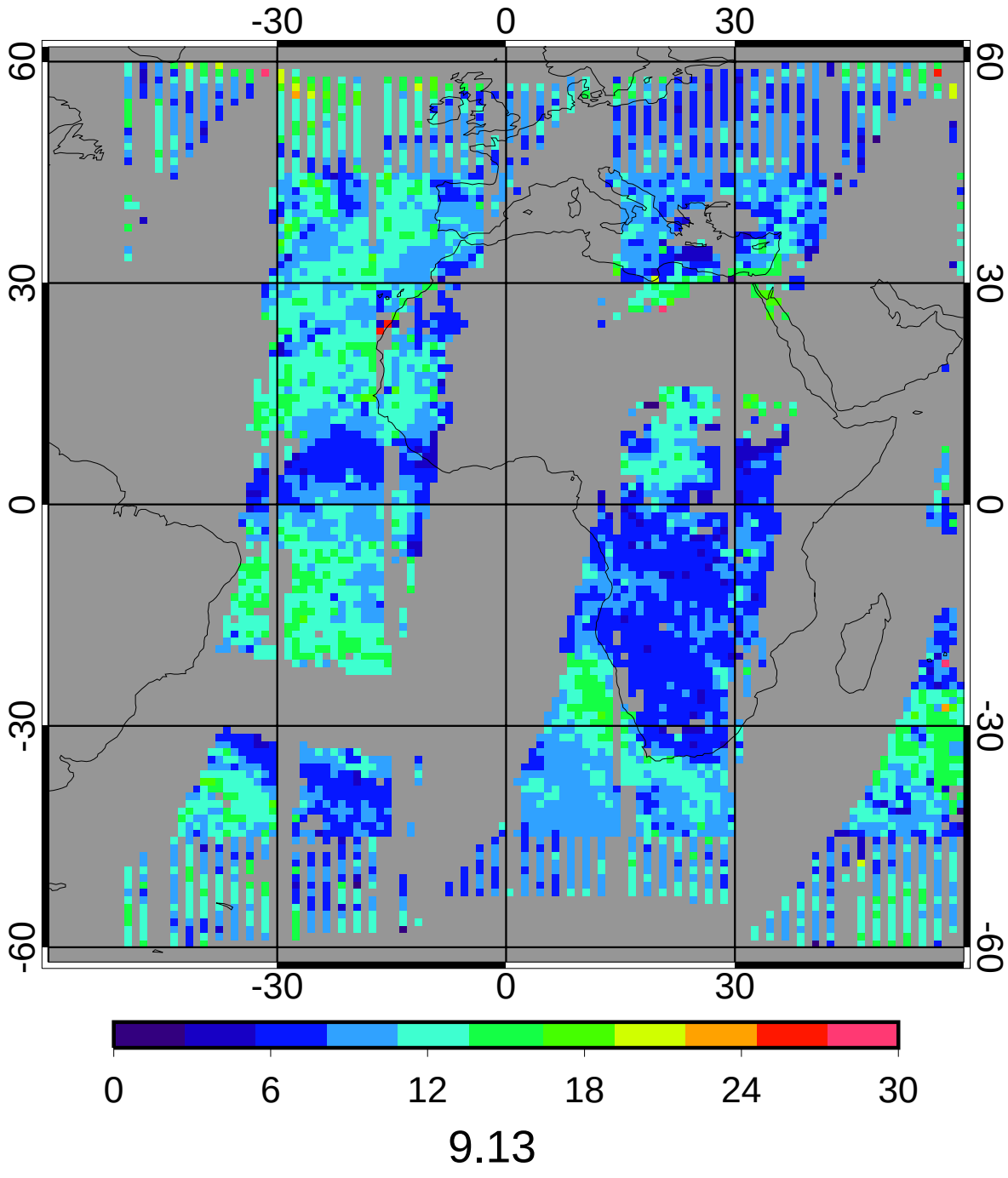
5ch_39cal Jan 2010



regave rms	9.87	29.78%
domain rms	14.60	44.05%

GGEO MEAN Nighttime Liquid Particle Size (microns)

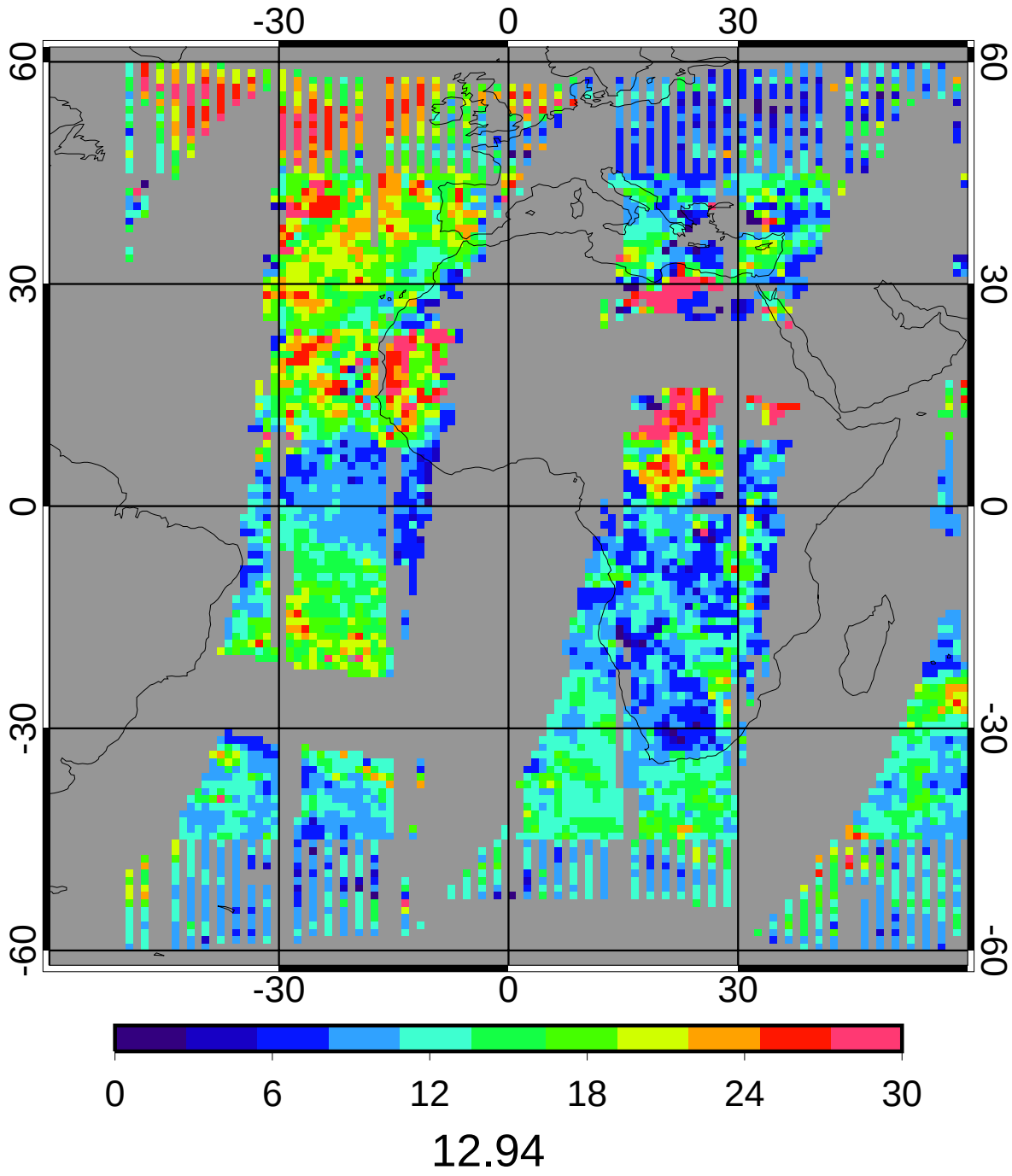
5ch_39cal Jan 2010



9.13

CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

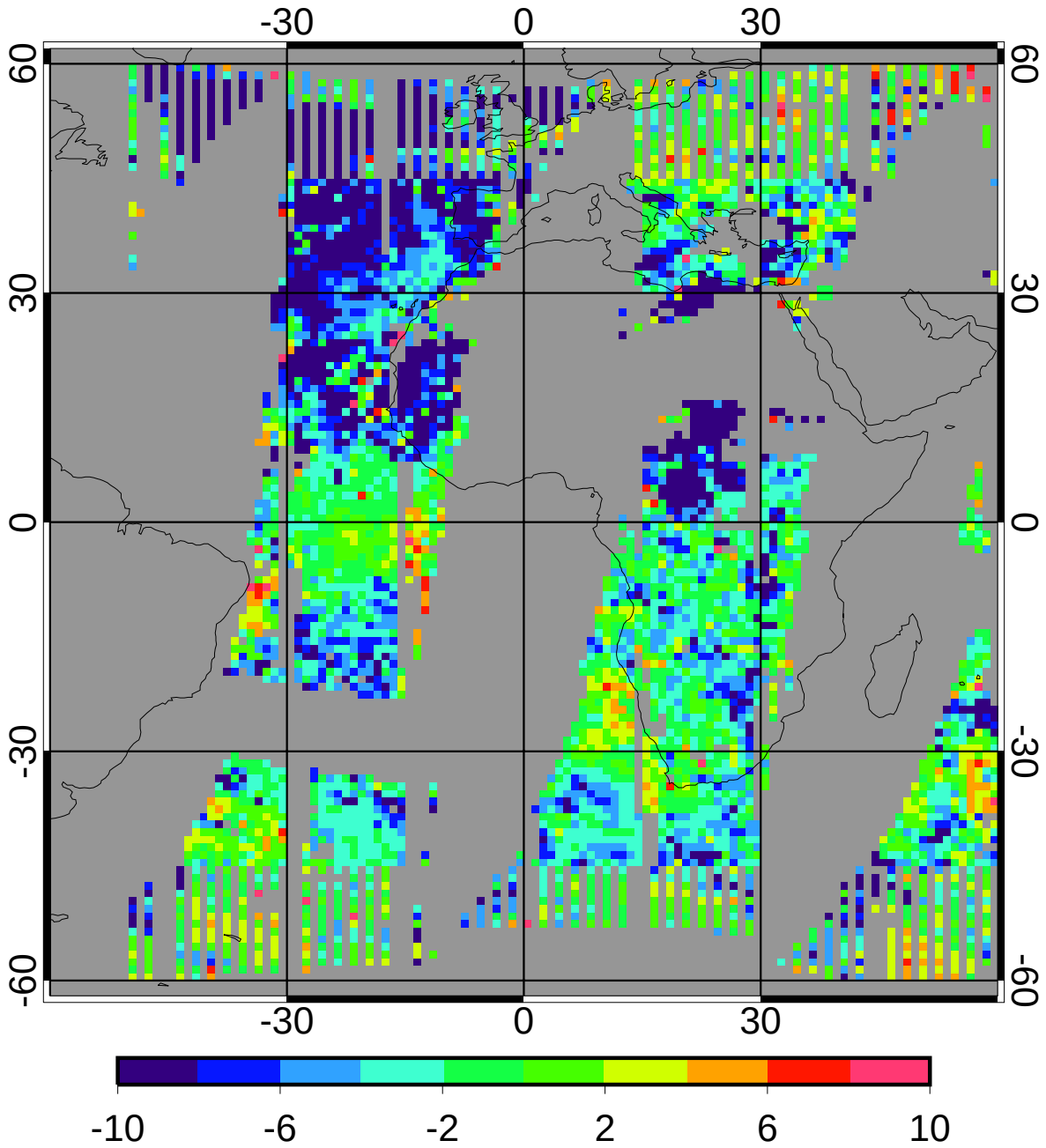
5ch_39cal Jan 2010



12.94

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

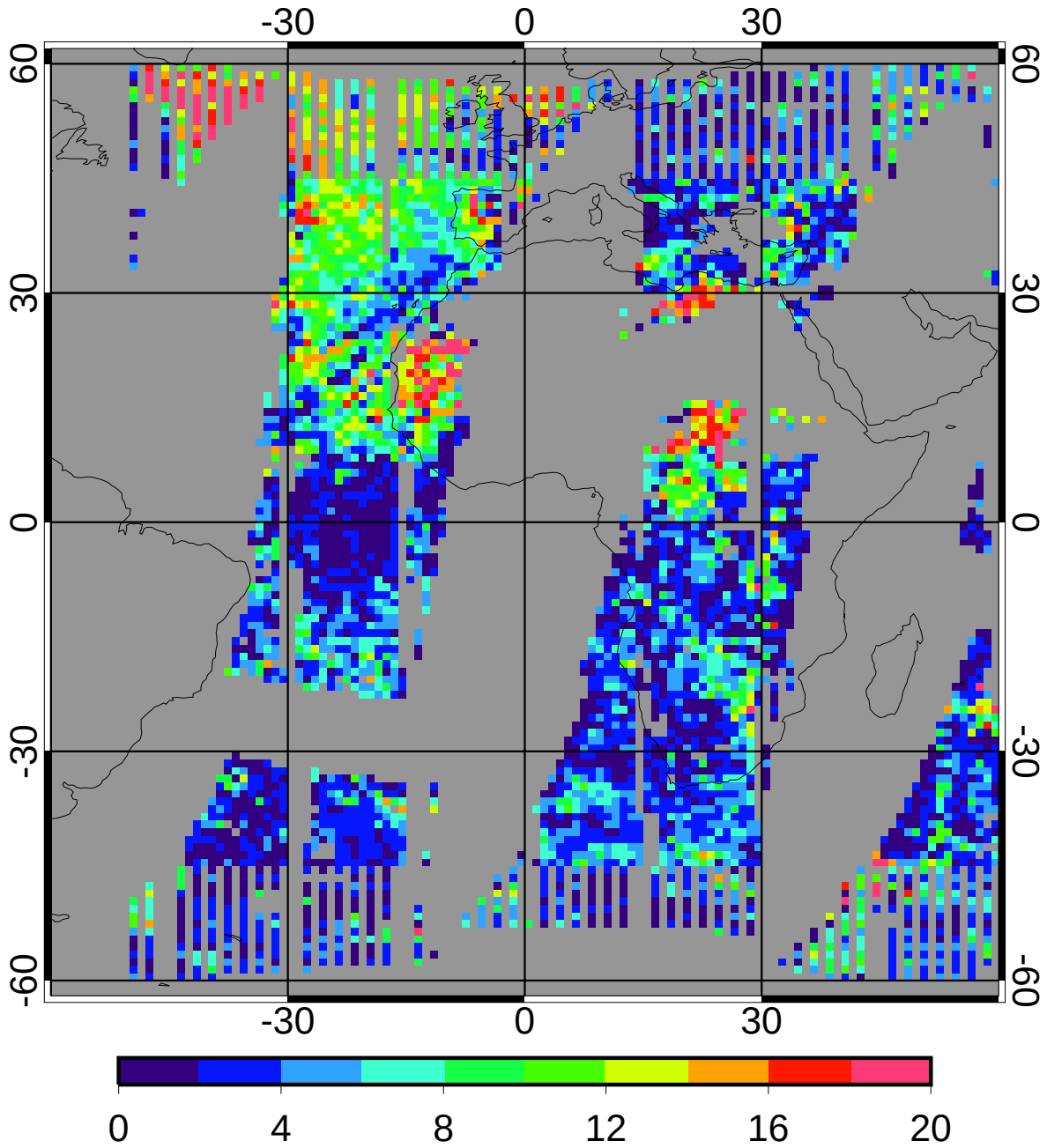
5ch_39cal Jan 2010



bias	-3.32	-25.67%
domain sigma	4.40	34.04%

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

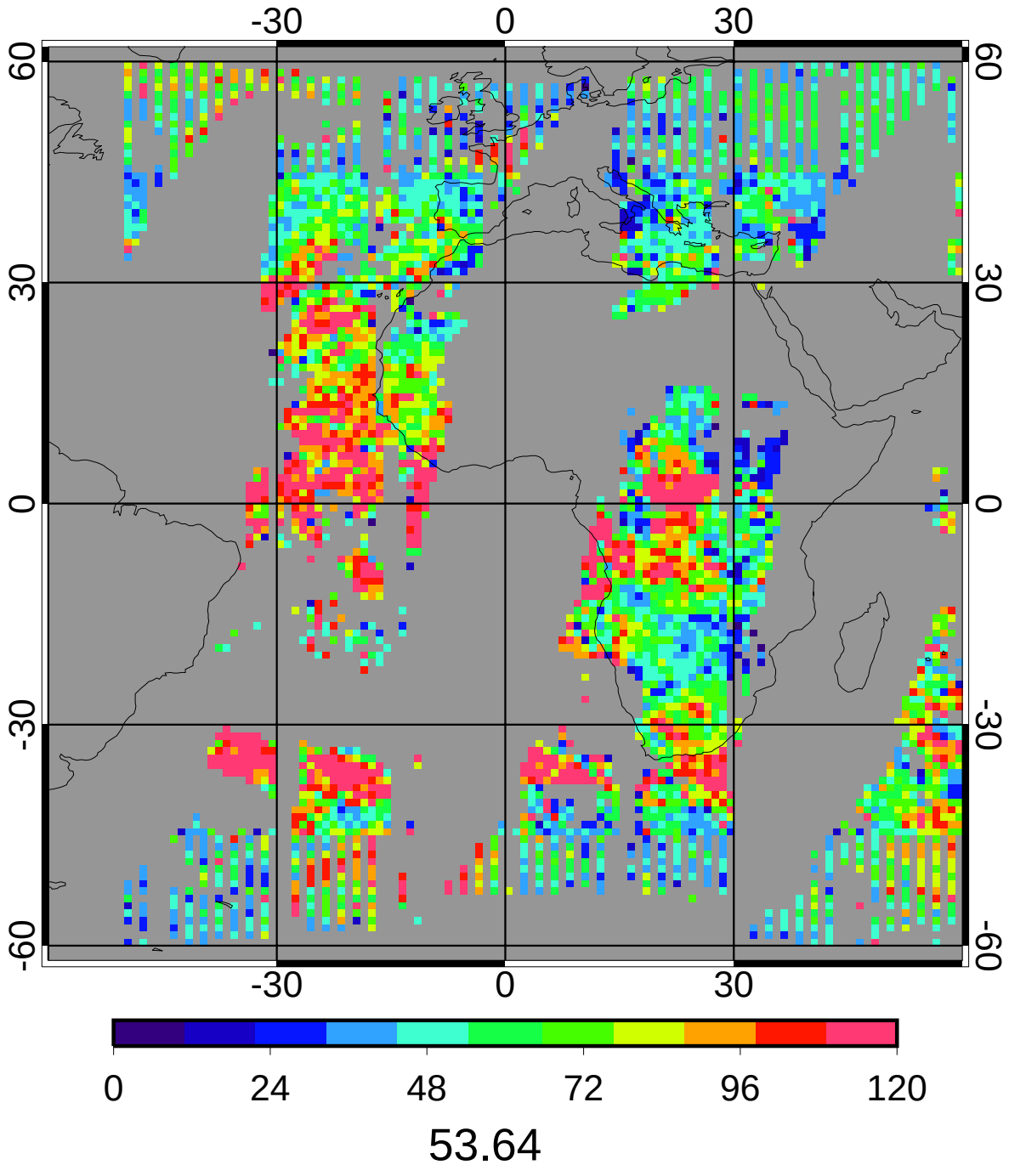
5ch_39cal Jan 2010



regave rms	4.81	37.14%
domain rms	6.27	48.43%

GGEO MEAN Nighttime Ice Particle Size (microns)

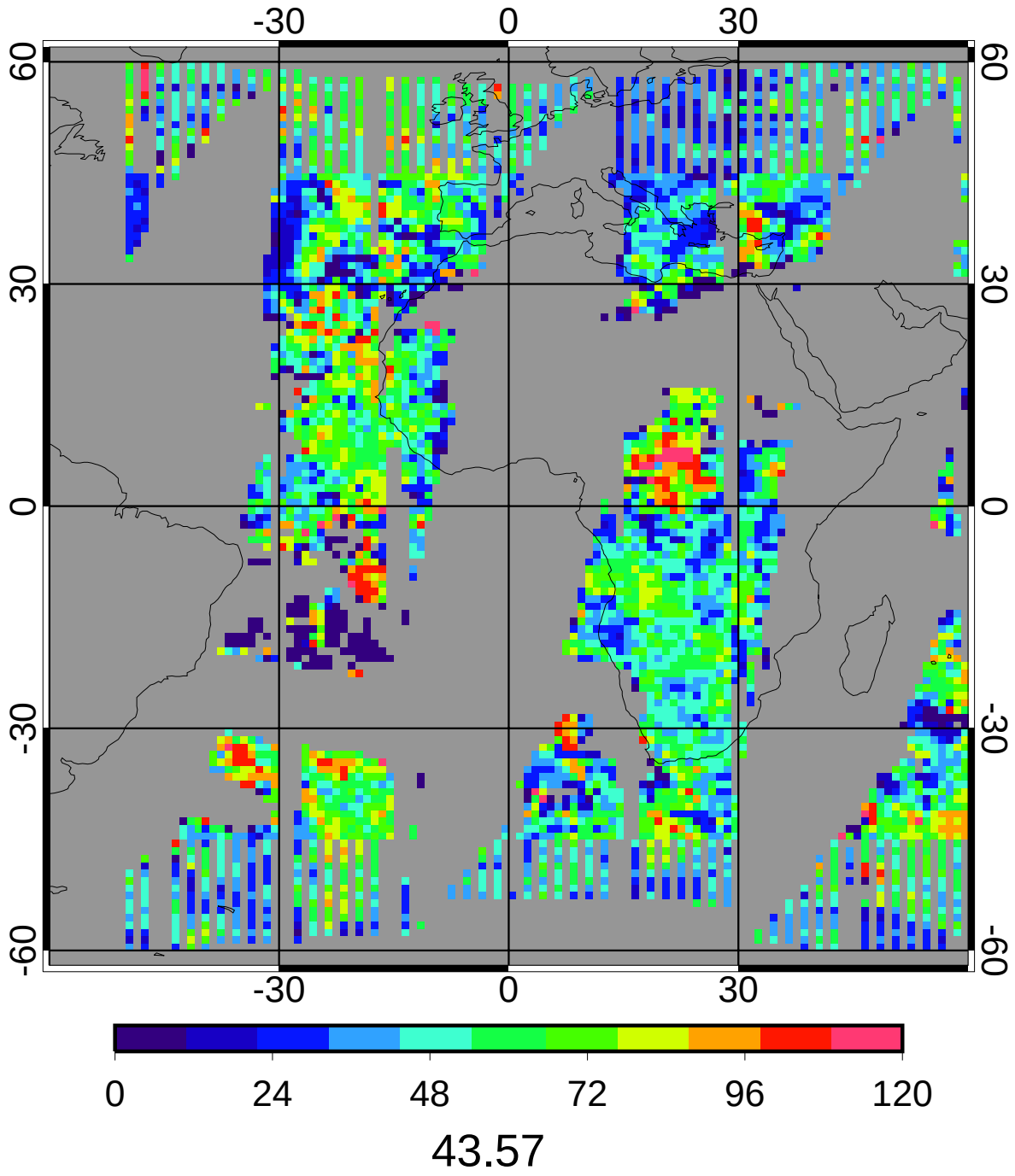
5ch_39cal Jan 2010



53.64

CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

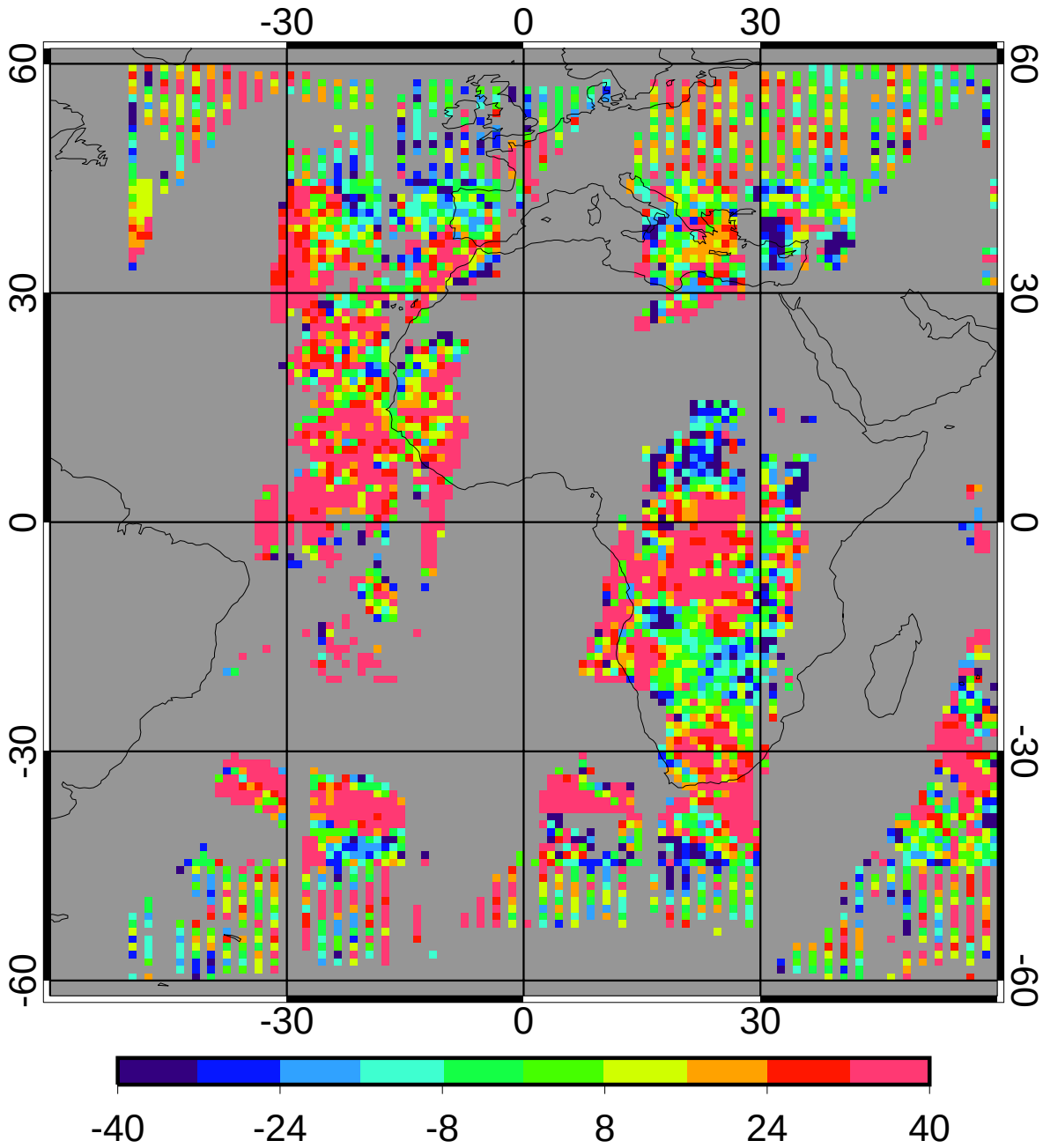
5ch_39cal Jan 2010



43.57

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

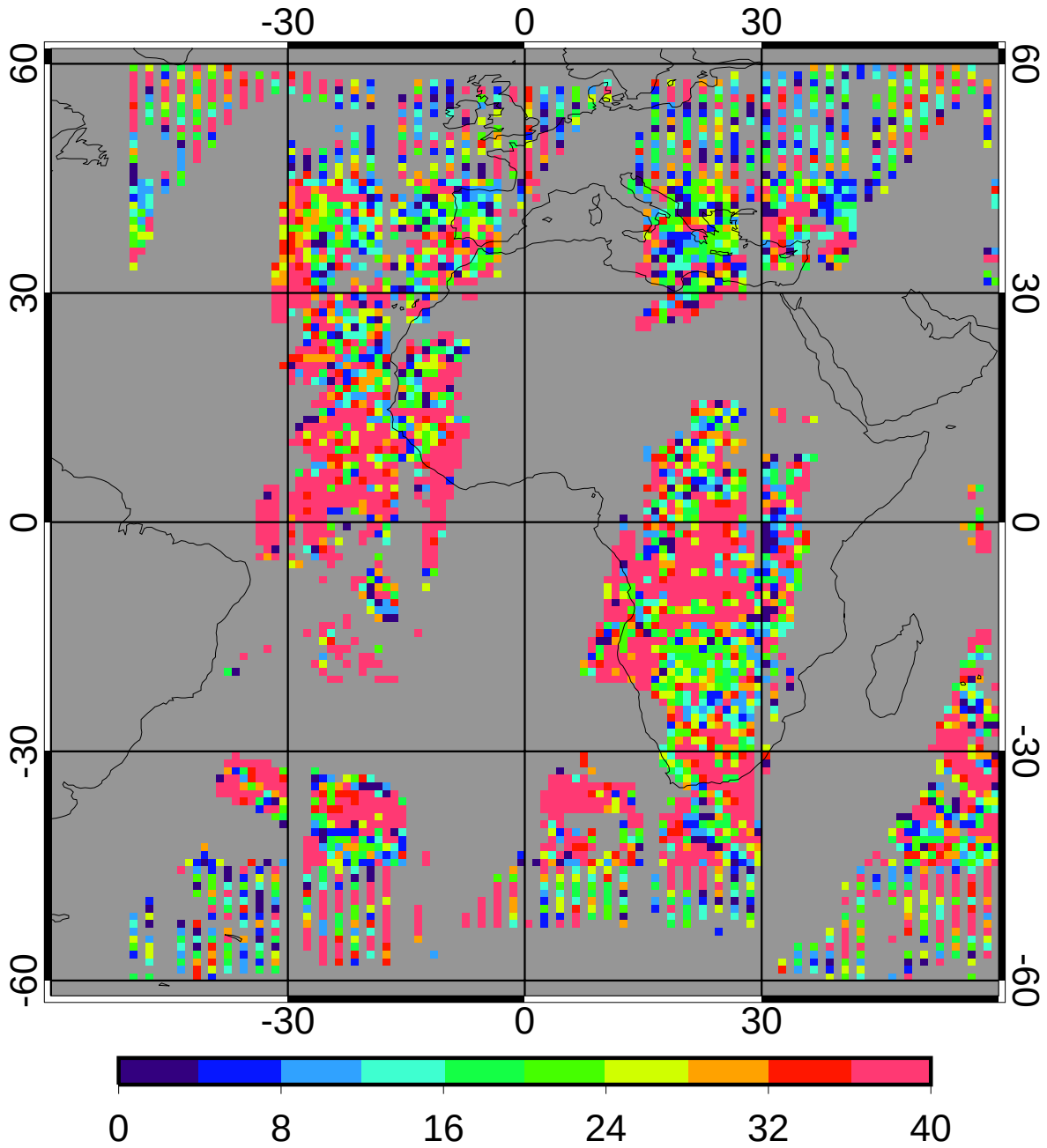
5ch_39cal Jan 2010



bias	13.13	30.12%
domain sigma	29.39	67.45%

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

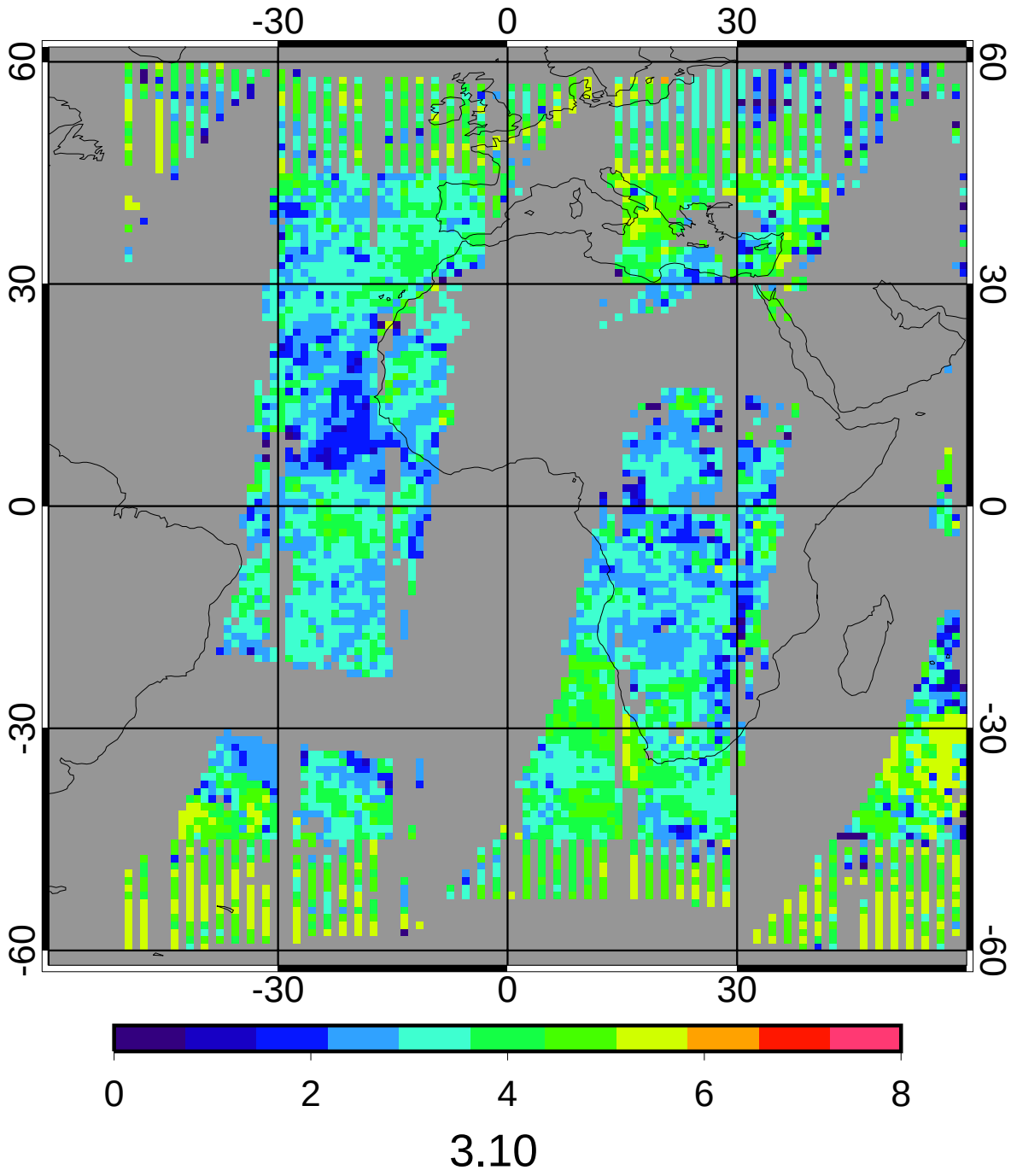
5ch_39cal Jan 2010



regave rms	24.43	56.08%
domain rms	35.49	81.44%

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

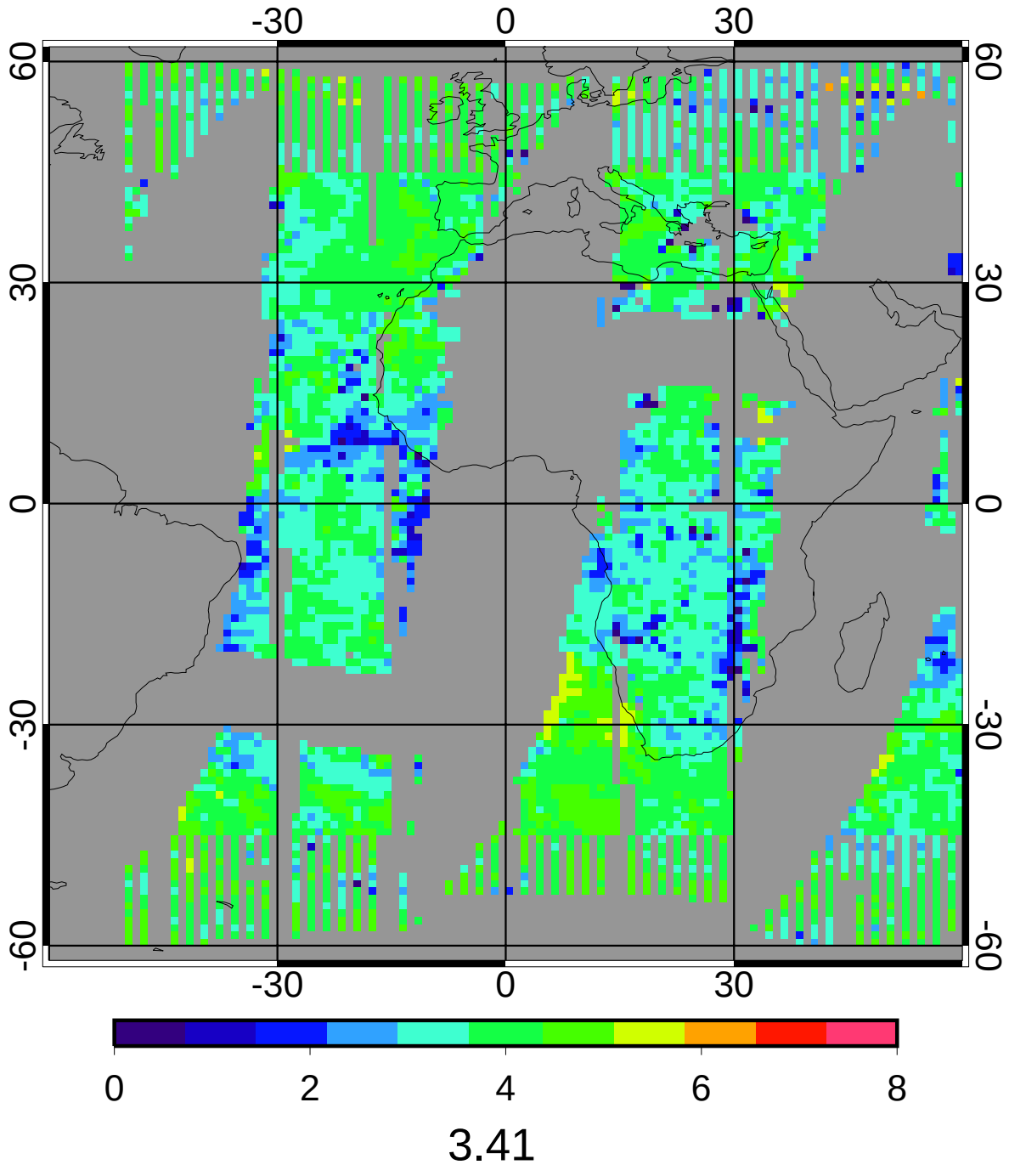
5ch_39cal Jan 2010



3.10

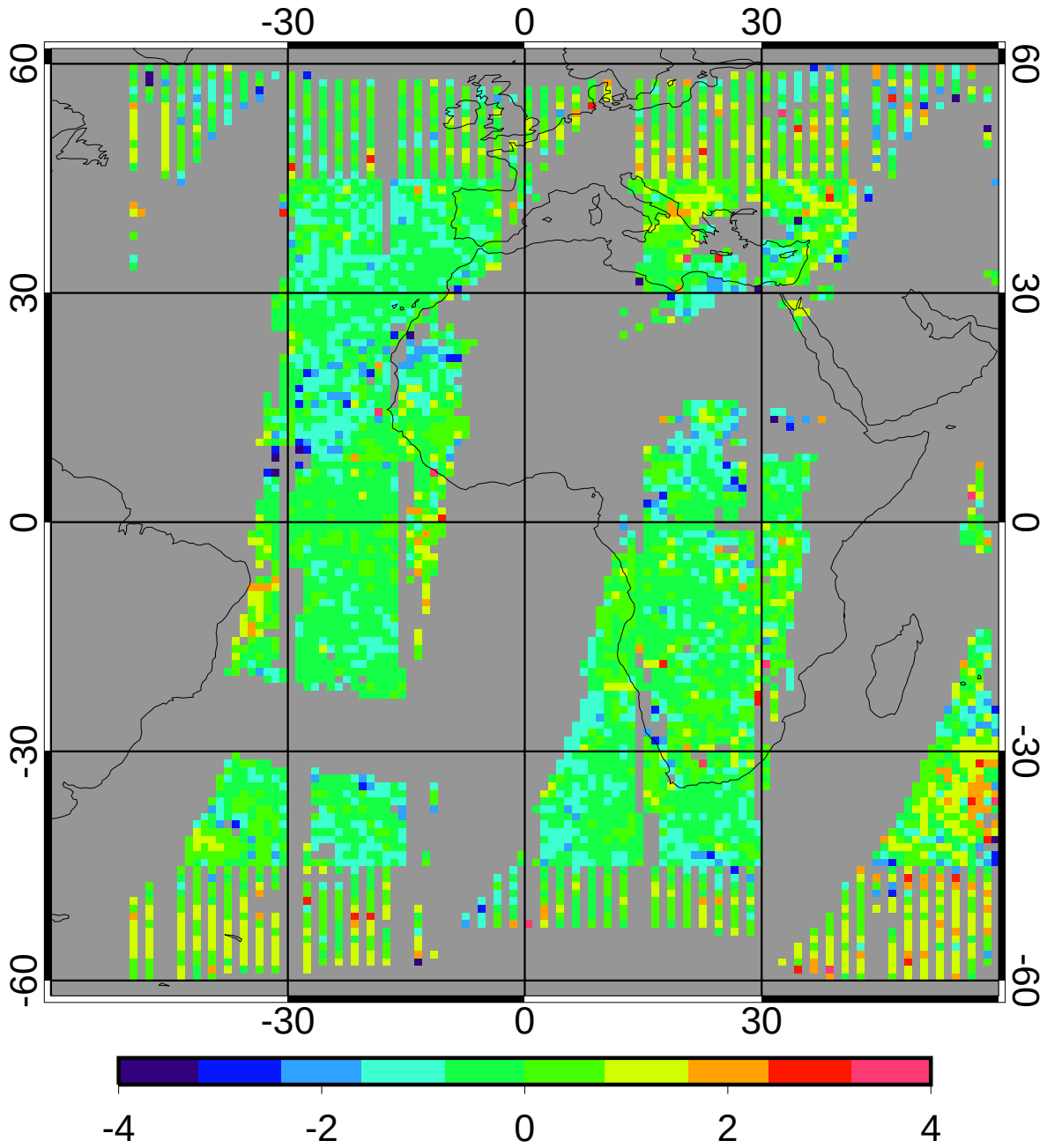
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Jan 2010



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

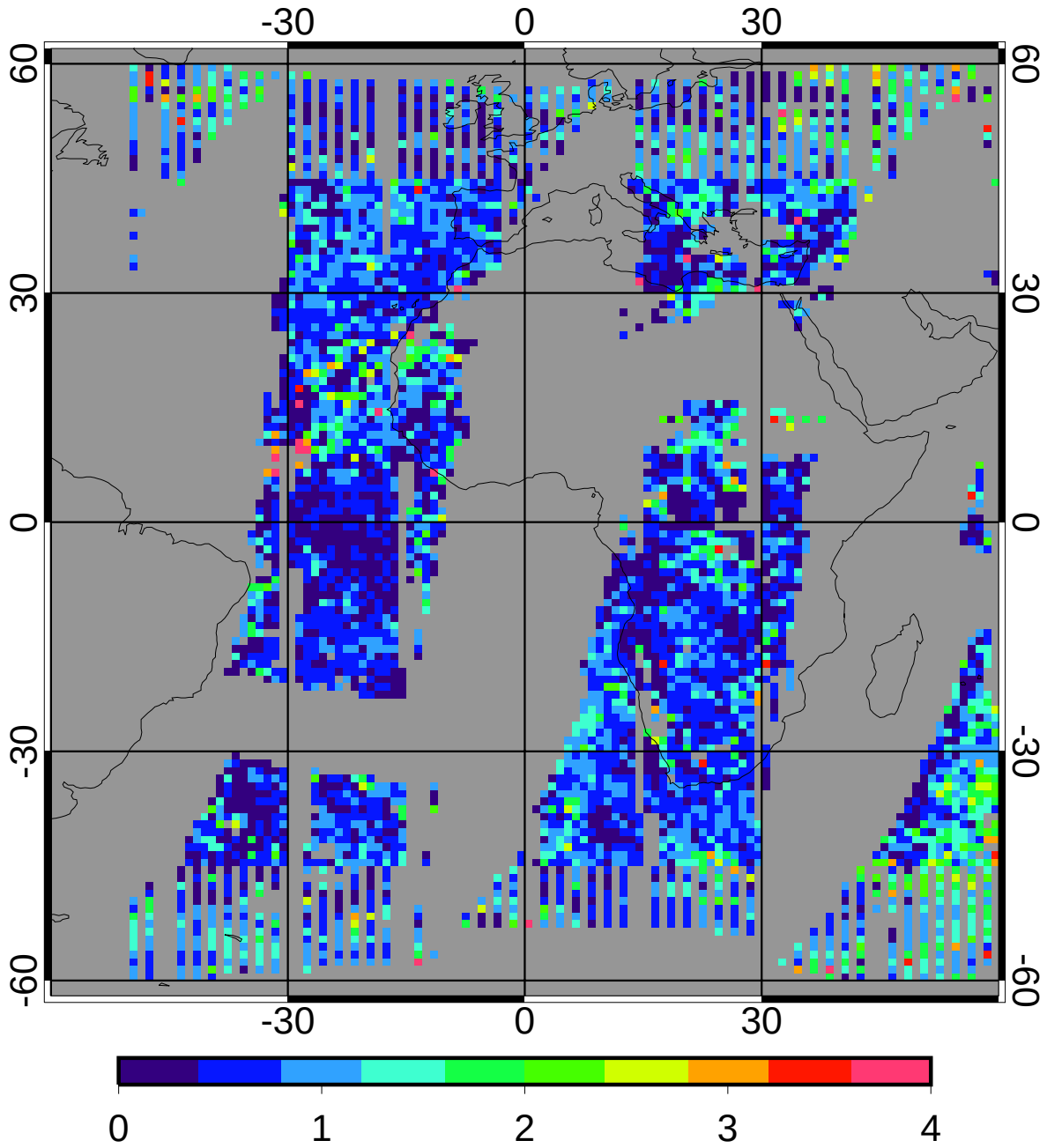
5ch_39cal Jan 2010



bias	-0.19	-5.60%
domain sigma	0.74	21.57%

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

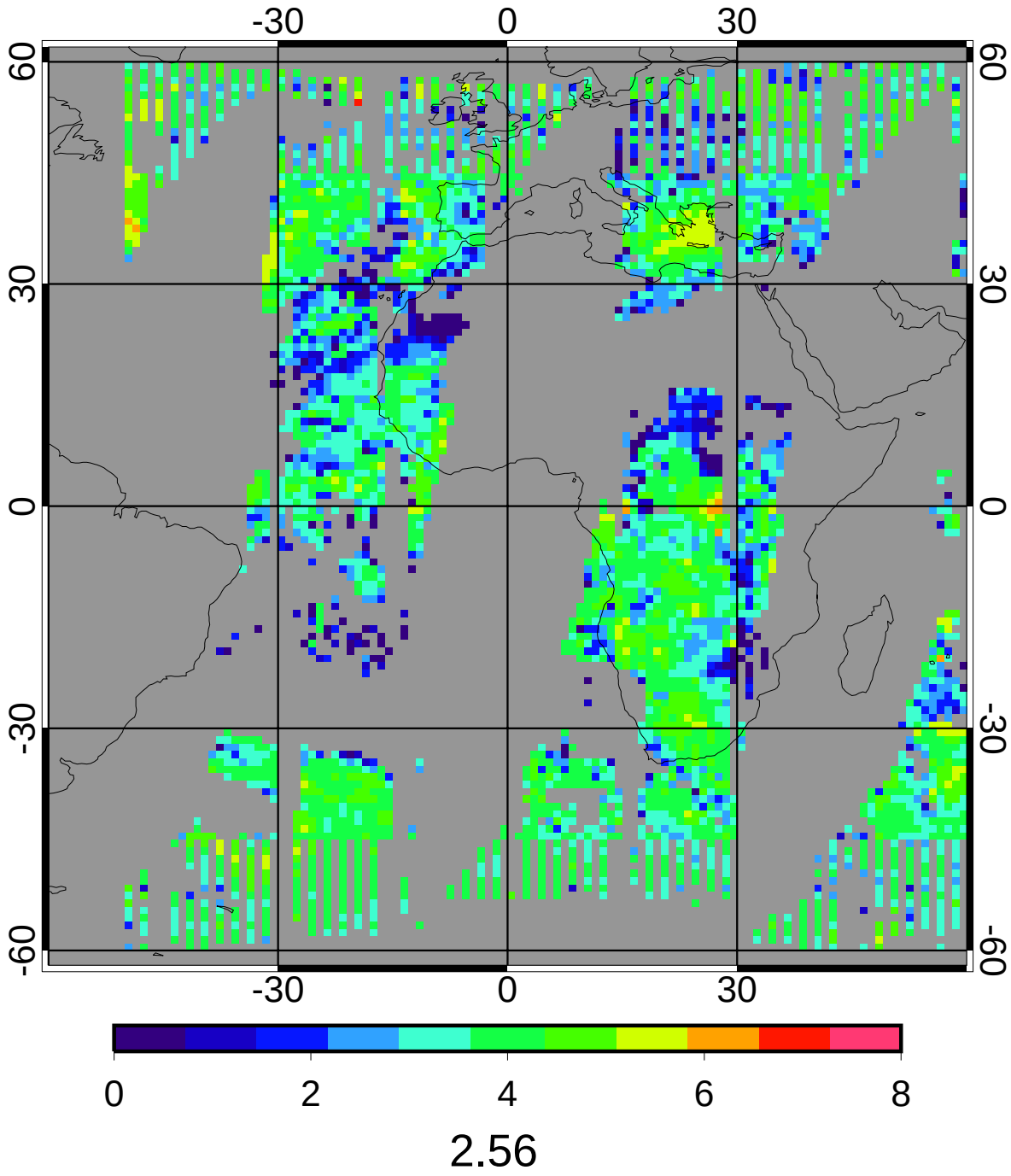
5ch_39cal Jan 2010



regave rms	0.72	21.10%
domain rms	0.93	27.12%

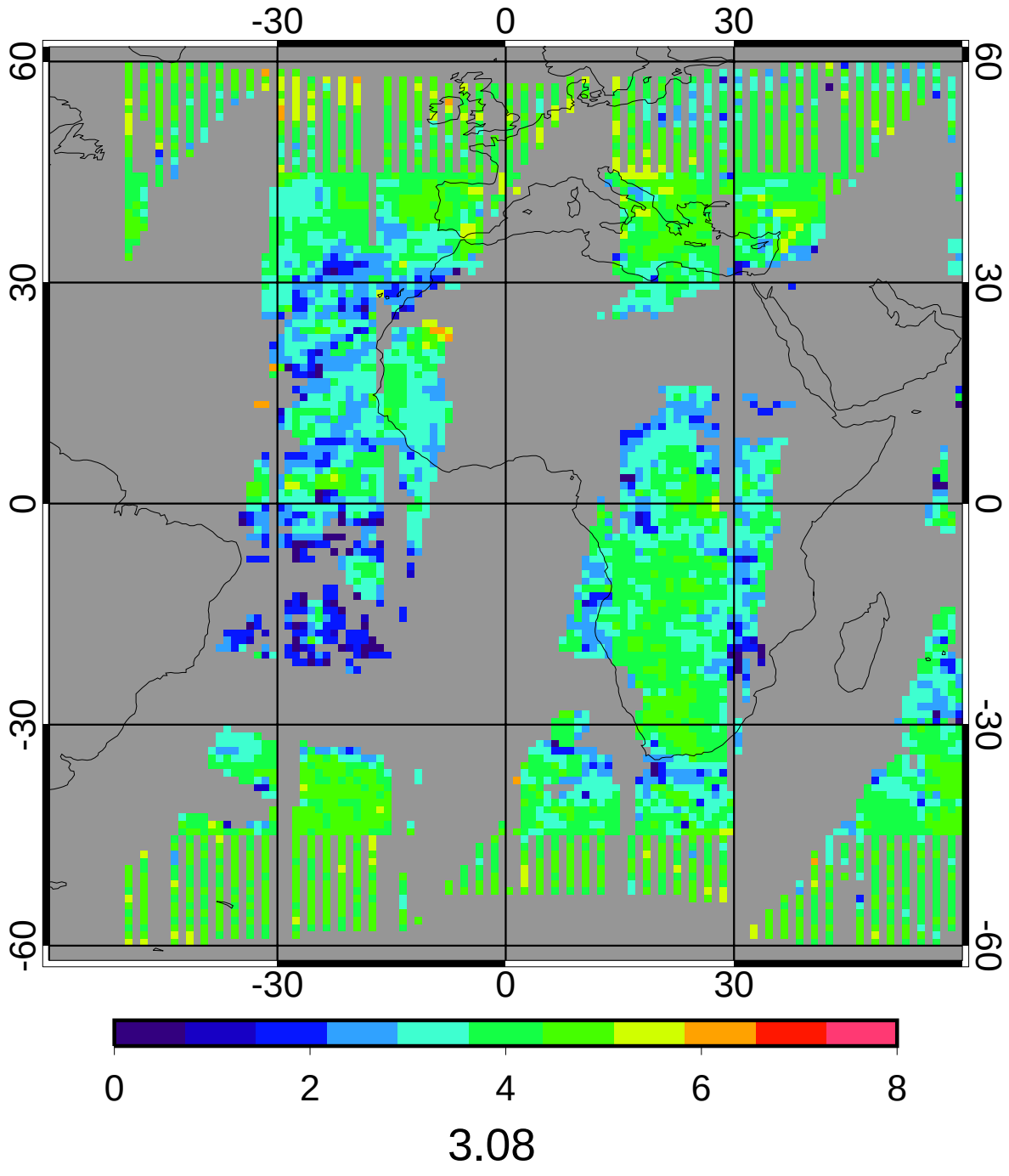
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010



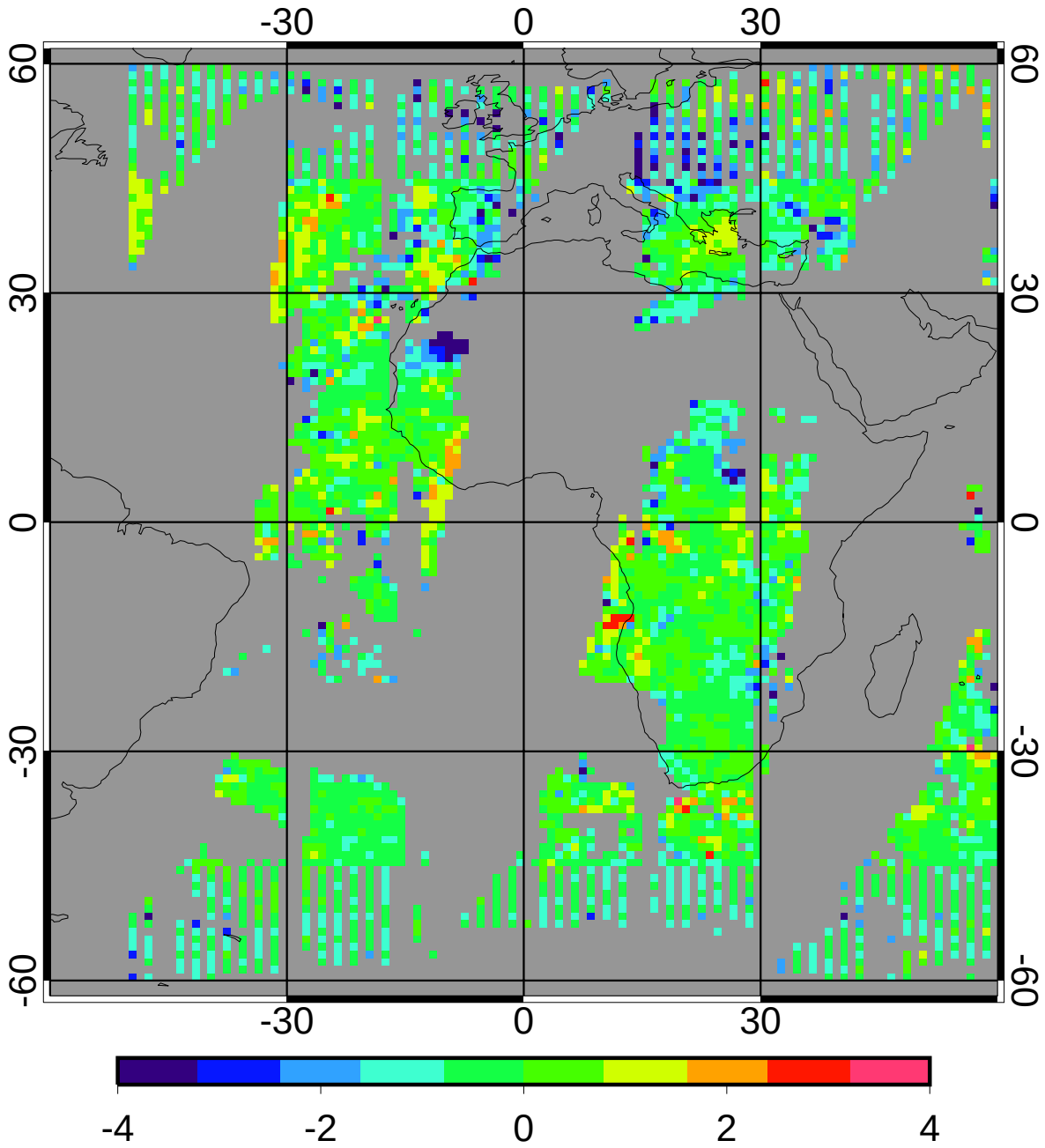
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Jan 2010



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

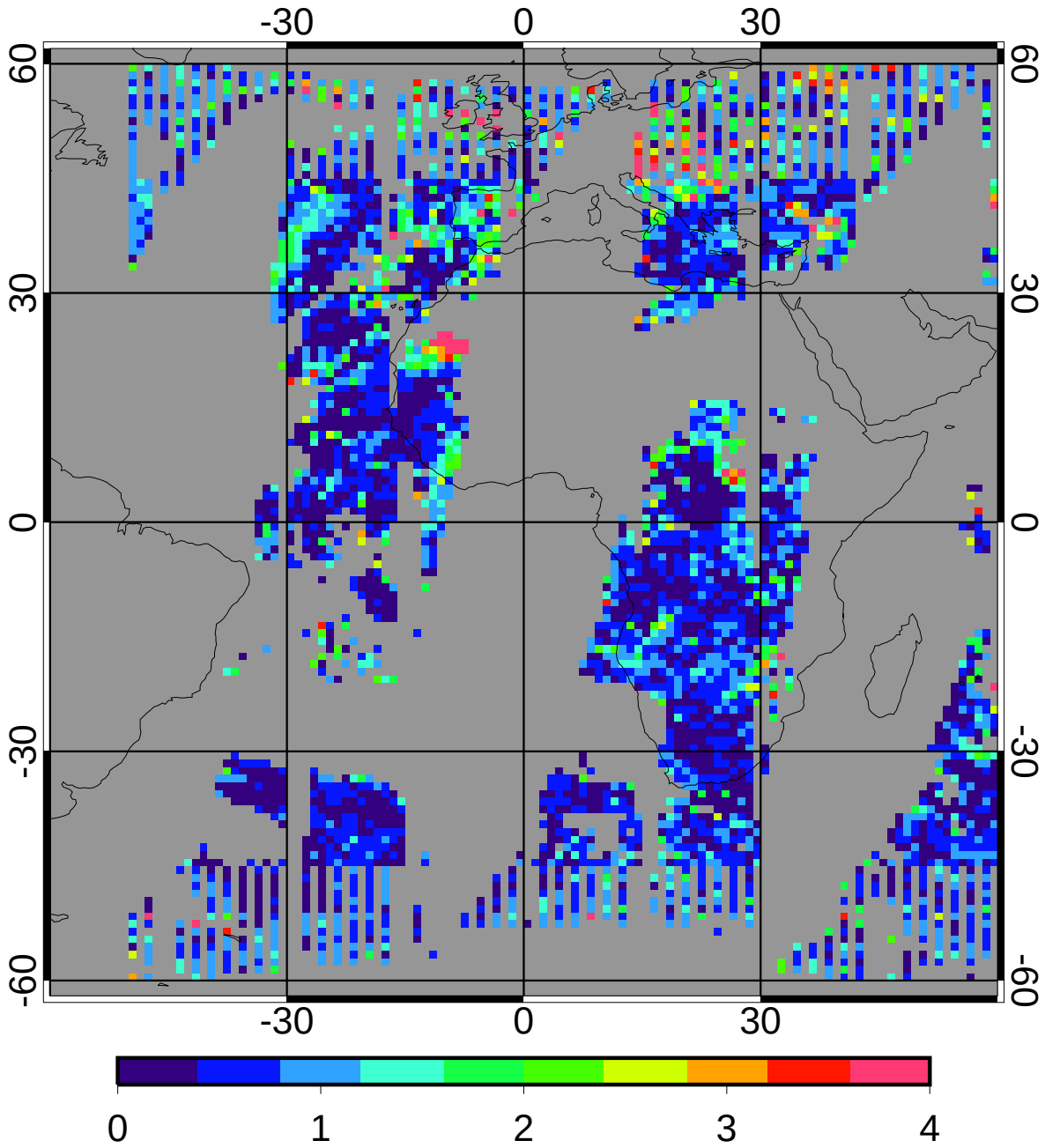
5ch_39cal Jan 2010



bias	-0.22	-7.22%
domain sigma	0.83	27.10%

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

5ch_39cal Jan 2010



regave rms	0.59	19.14%
domain rms	0.96	31.25%