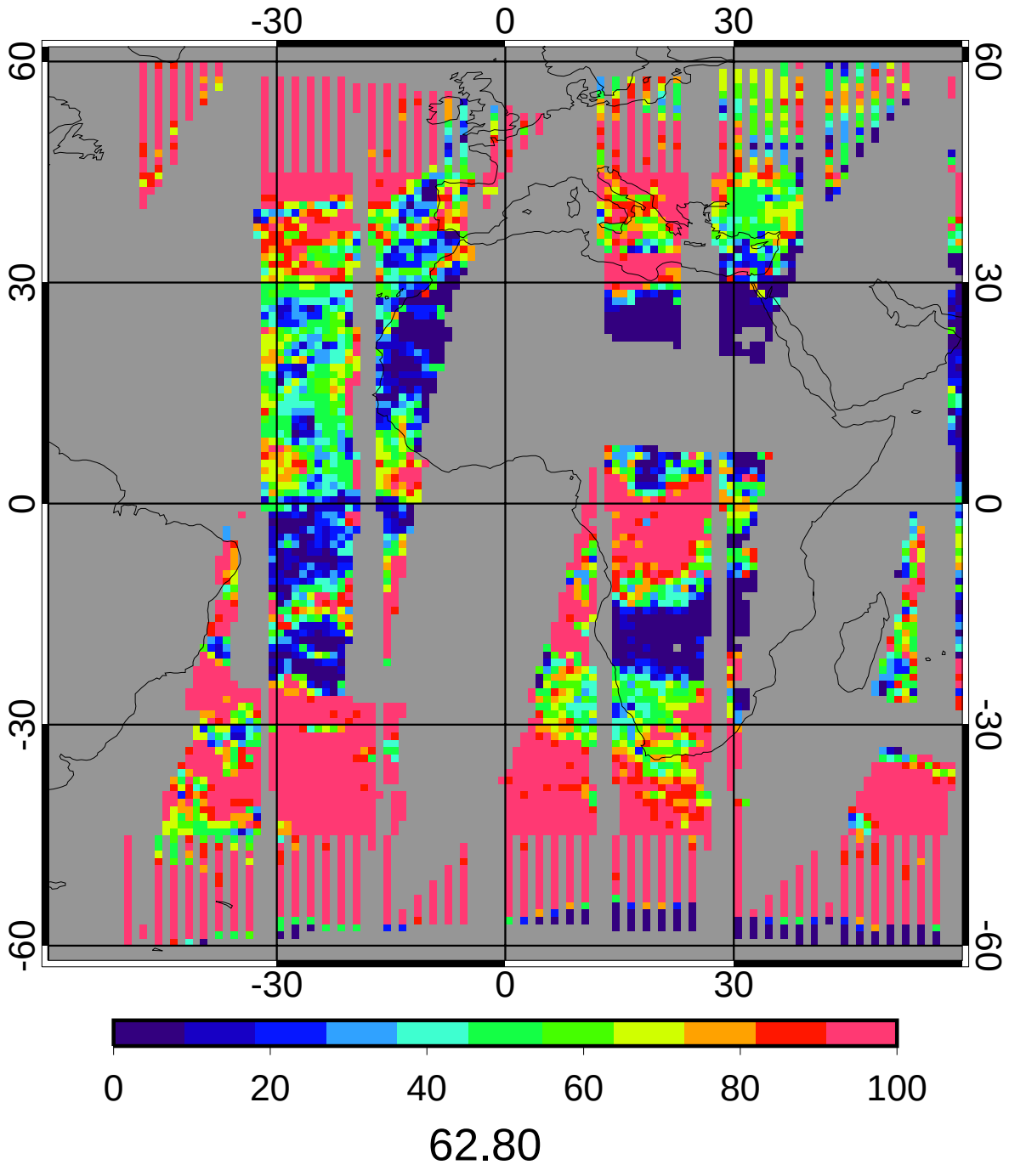
GGEO MEAN Daytime Cloud Amount (%)

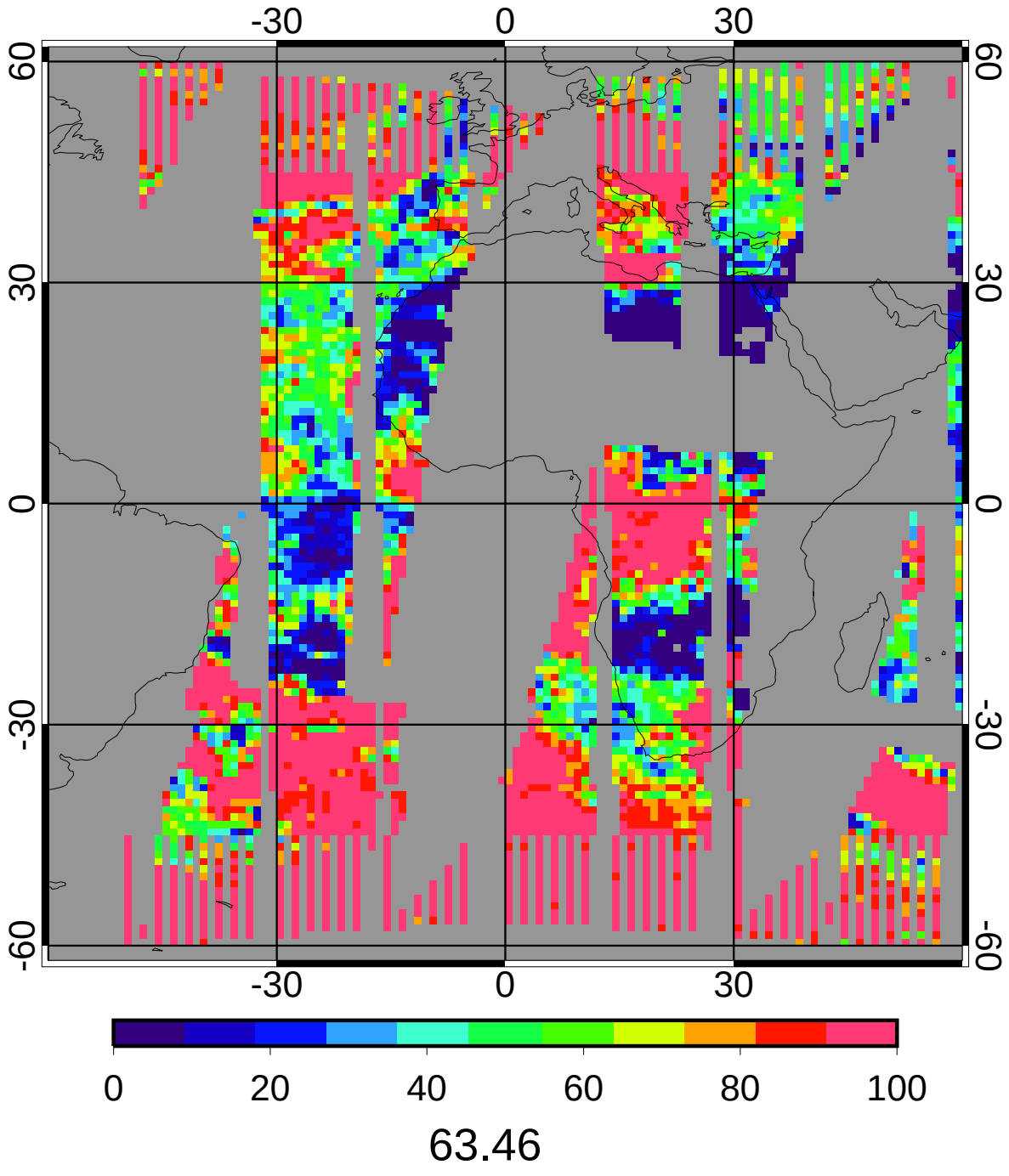
5ch_39cal Oct 2010



62.80

CERES/Terra MEAN Daytime Cloud Amount (%)

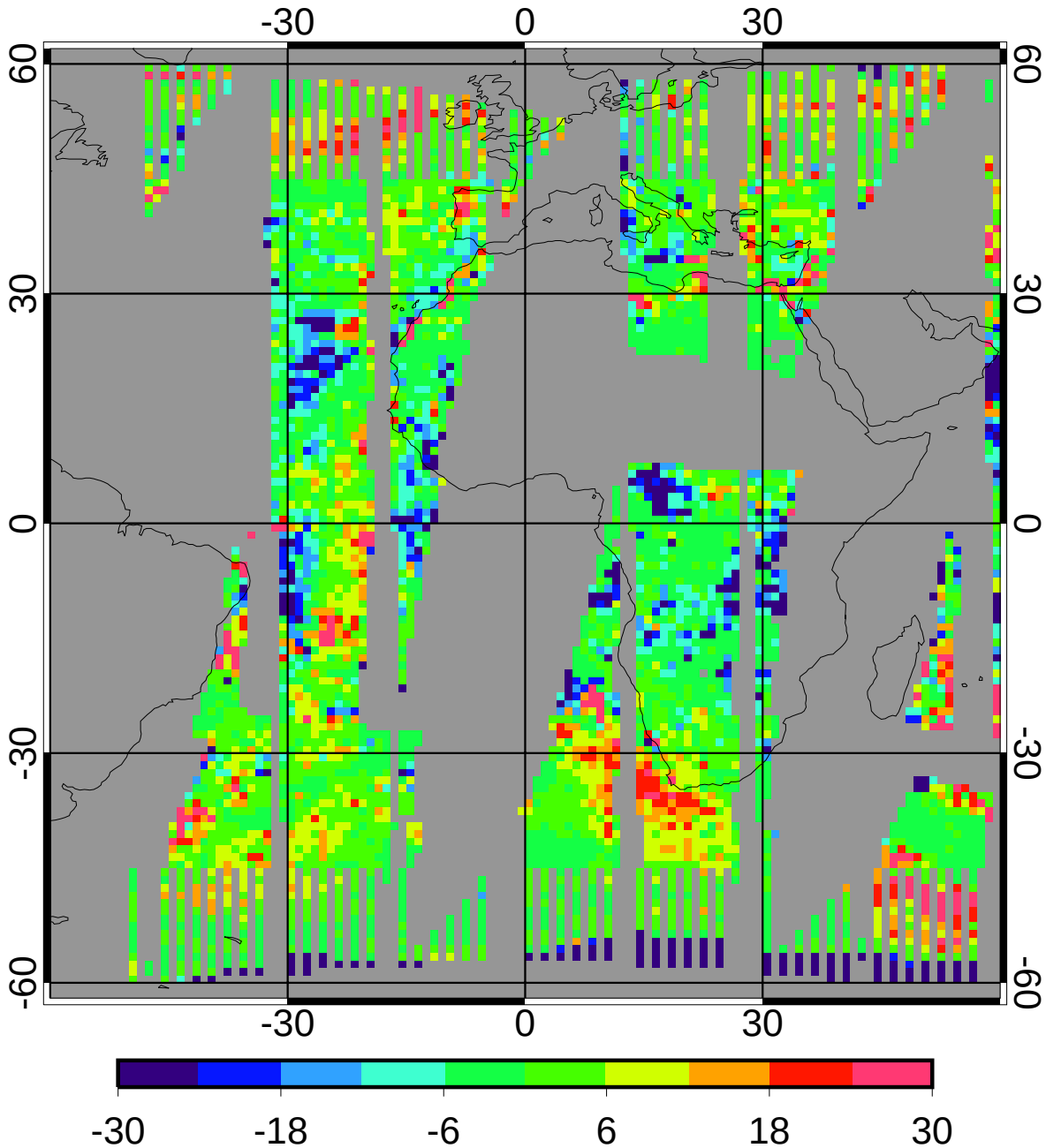
5ch_39cal Oct 2010



63.46

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

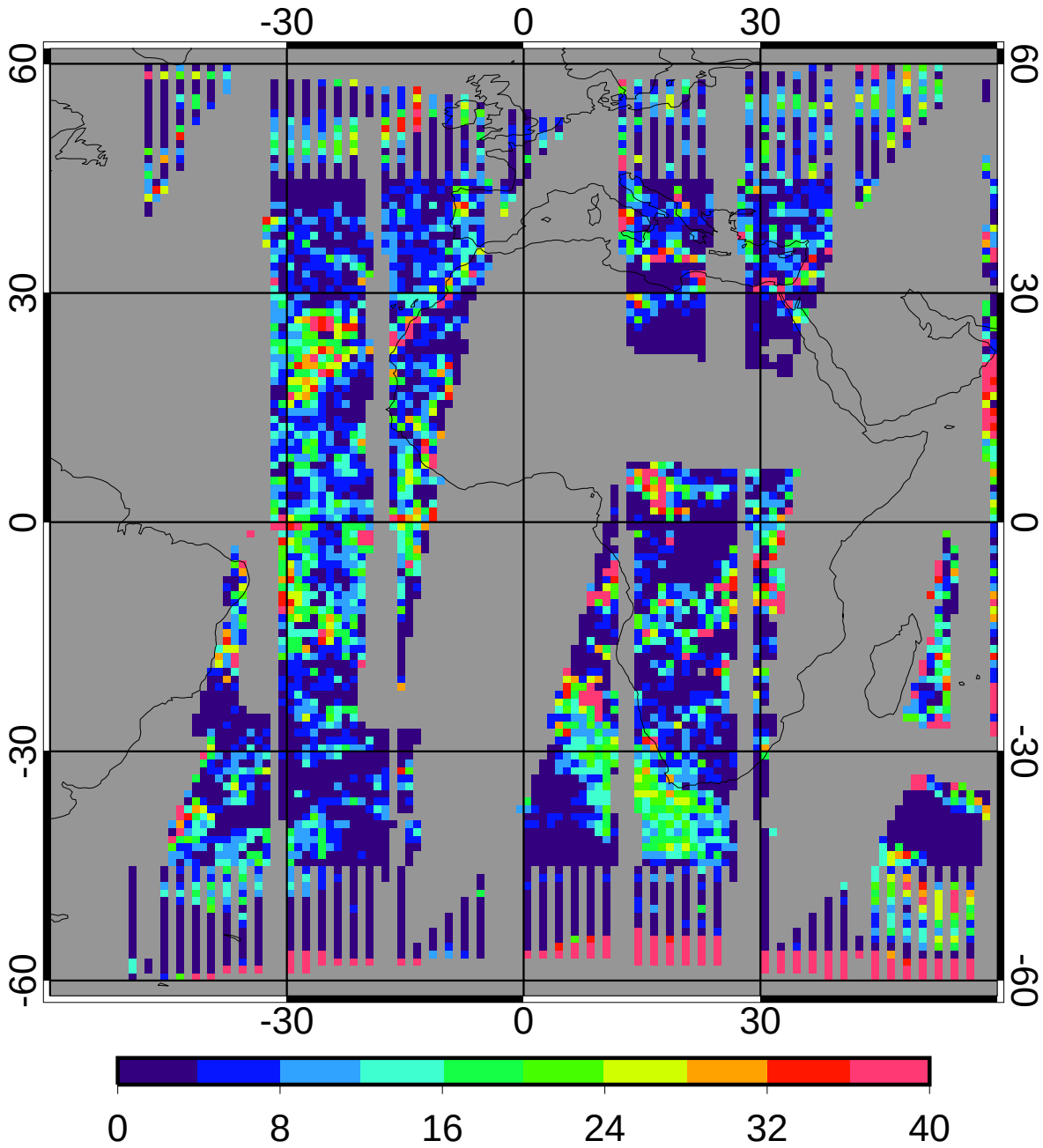
5ch_39cal Oct 2010



bias	-0.66	-1.03%
domain sigma	12.93	20.38%

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

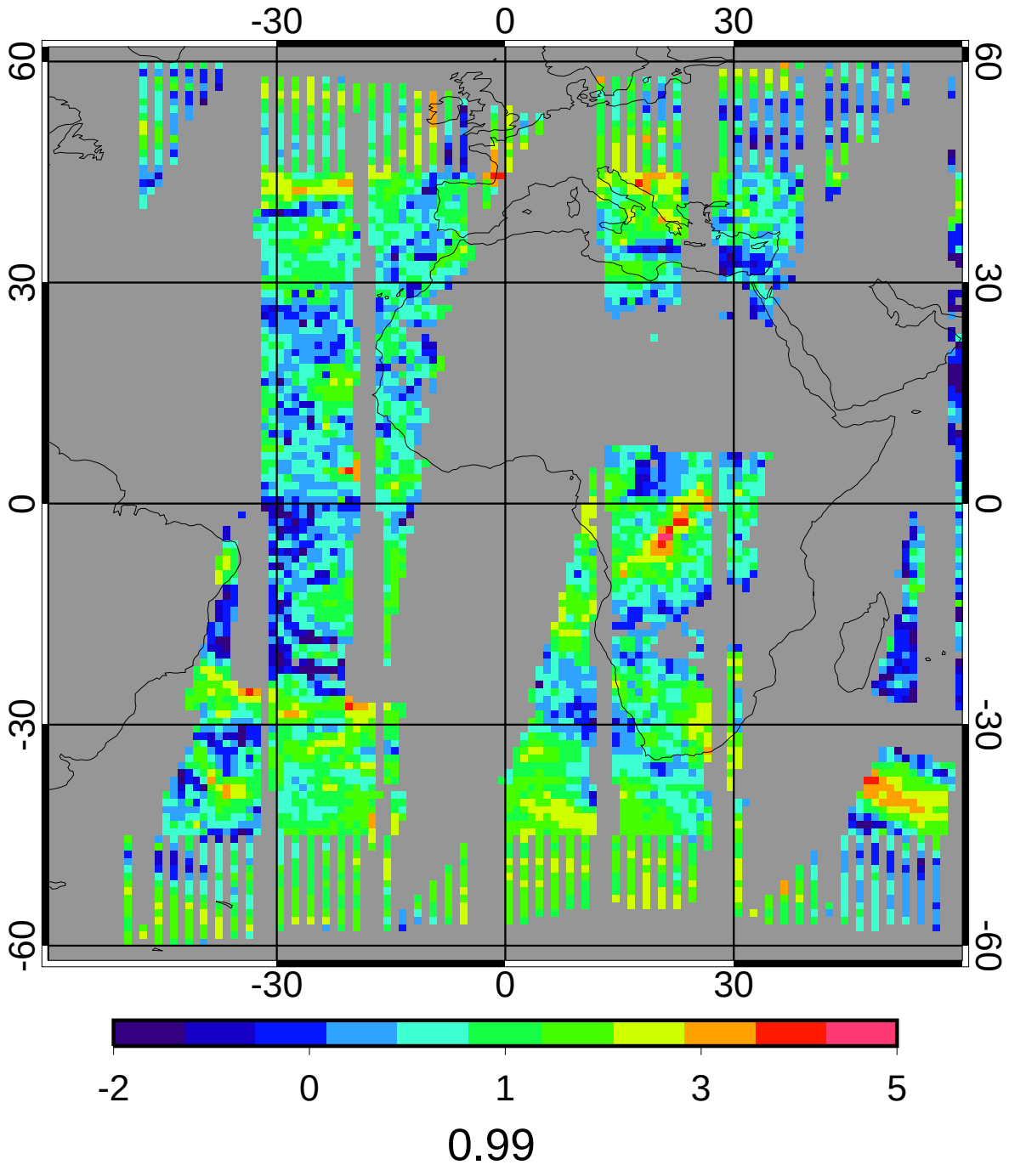
5ch_39cal Oct 2010



regave rms	10.24	16.13%
domain rms	16.43	25.89%

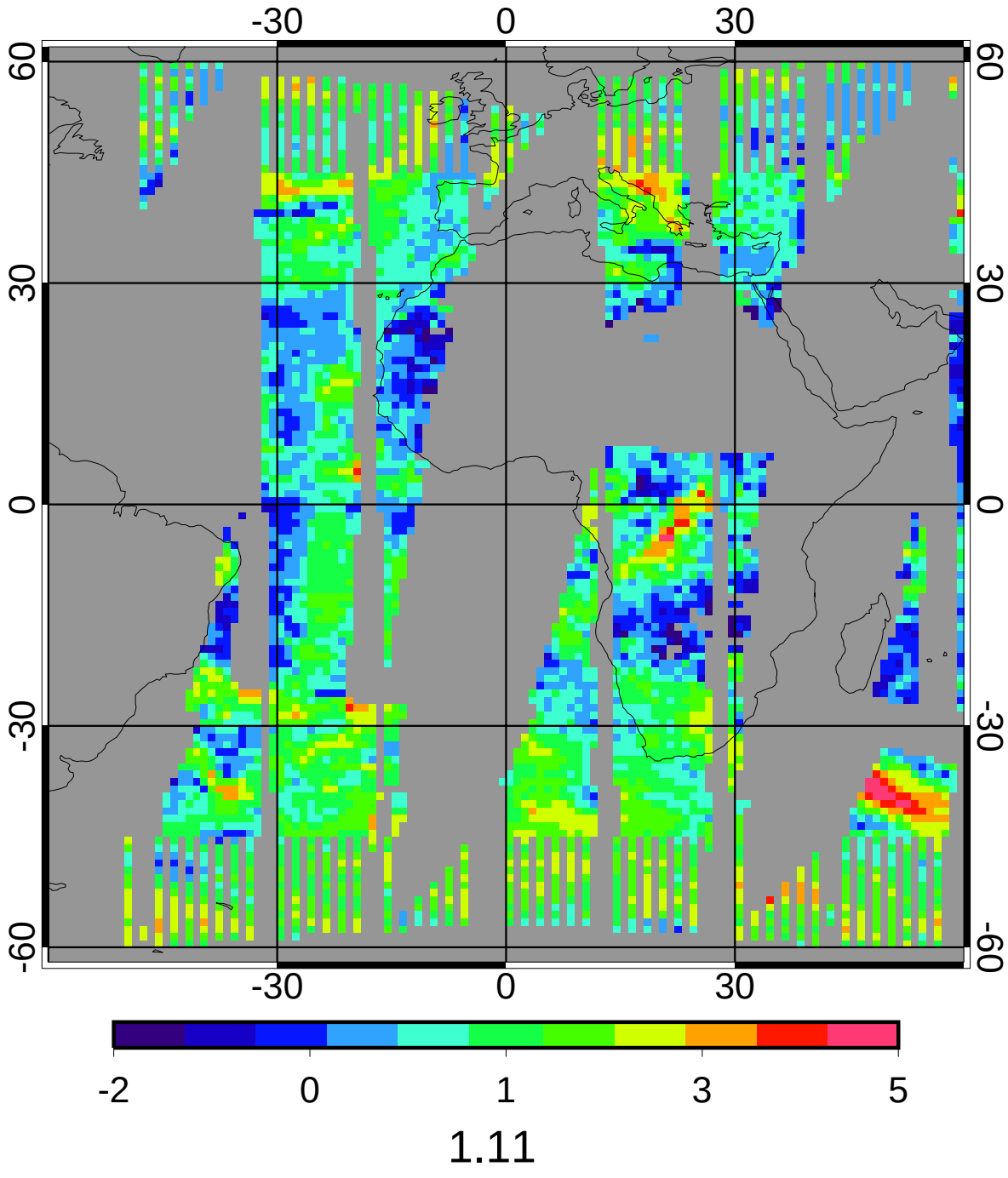
GGEO MEAN Daytime Log Optical Depth

5ch_39cal Oct 2010



CERES/Terra MEAN Daytime Log Optical Depth

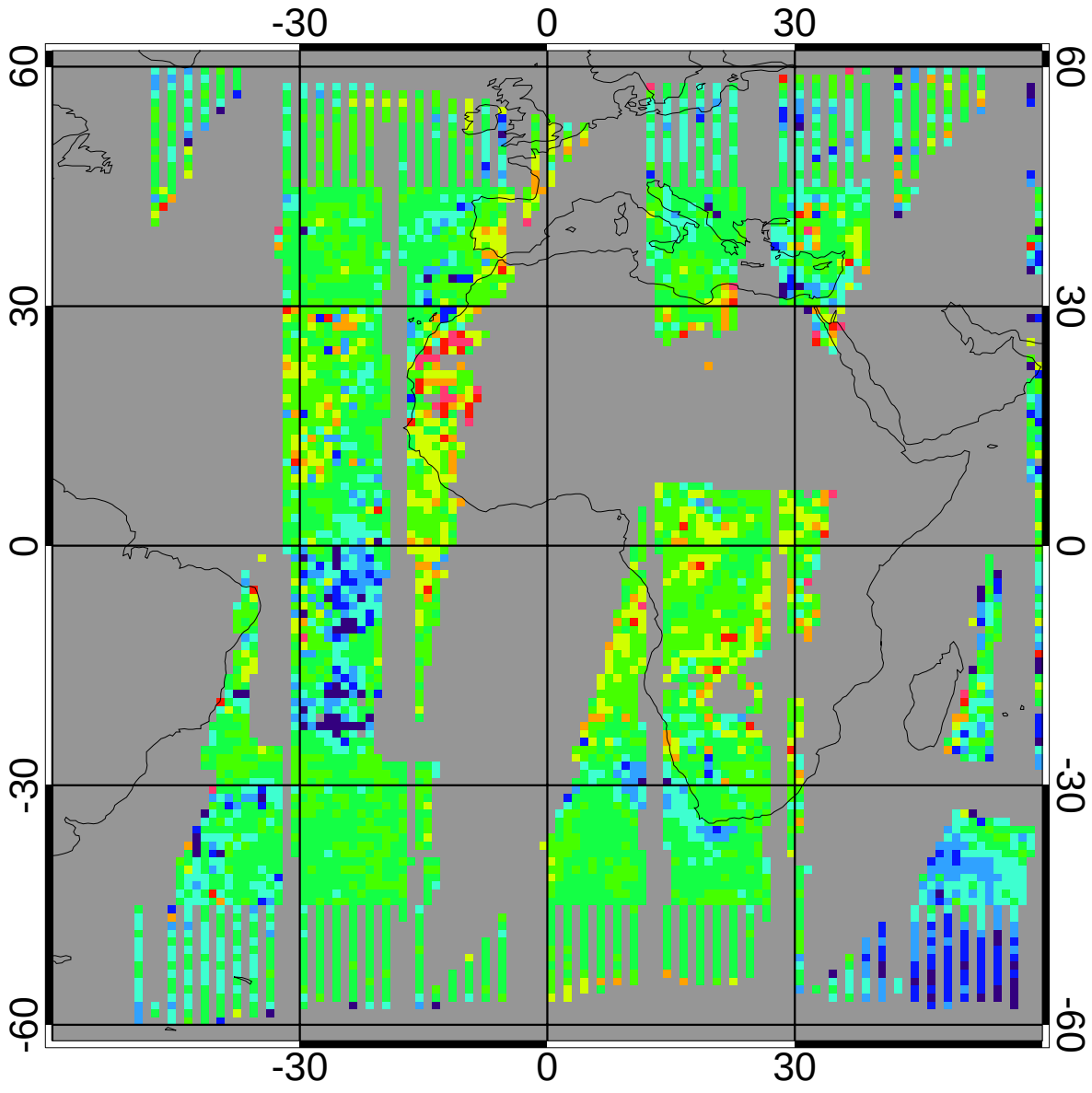
5ch_39cal Oct 2010



1.11

GGEO - CERES/Terra Daytime Log Optical Depth Bias

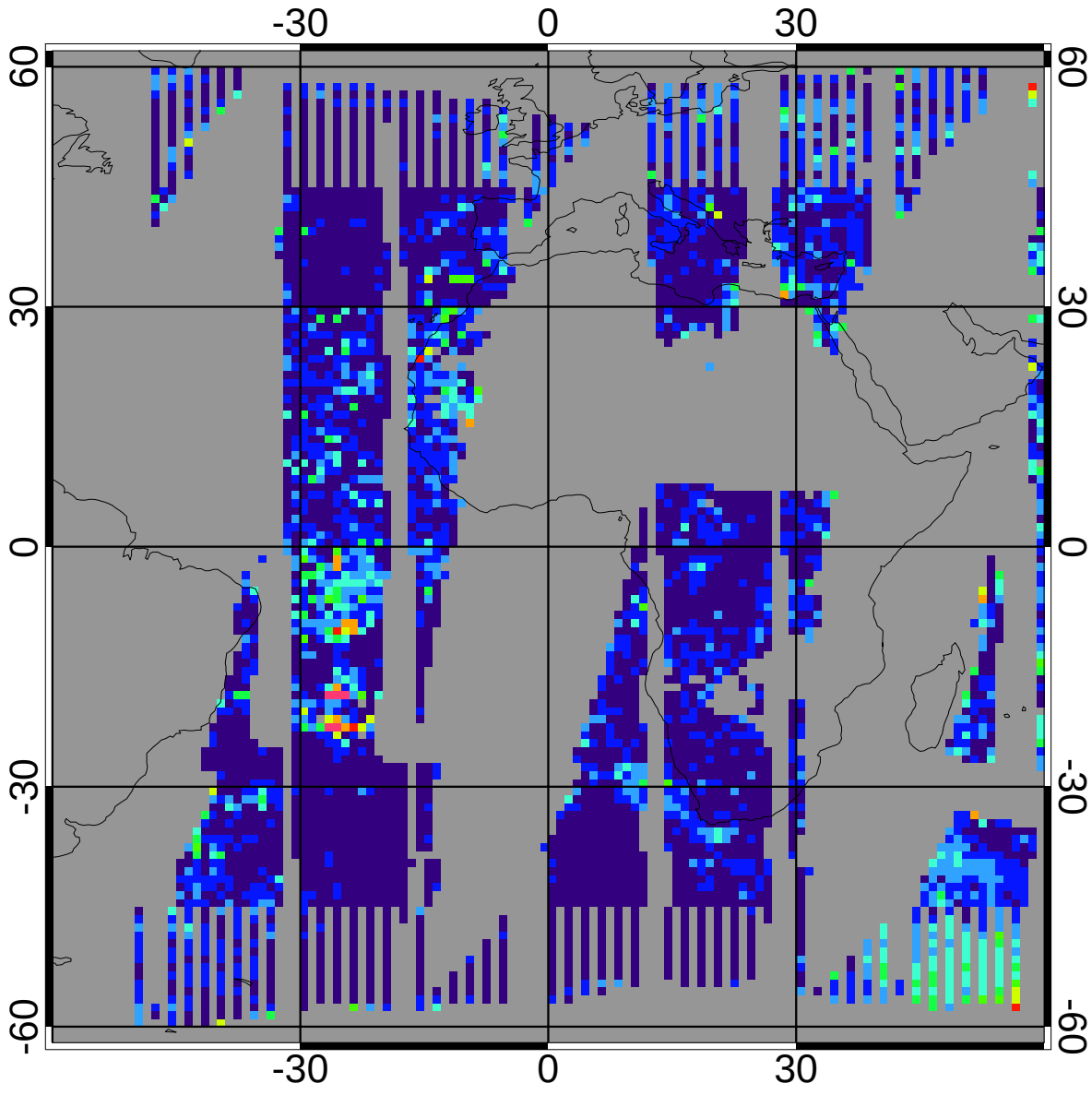
5ch_39cal Oct 2010

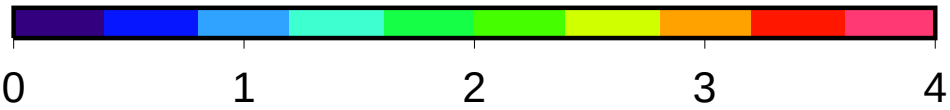


bias	-0.12	-10.82%
domain sigma	0.51	45.91%

GGEO - CERES/Terra Daytime Log Optical Depth RMS

5ch_39cal Oct 2010

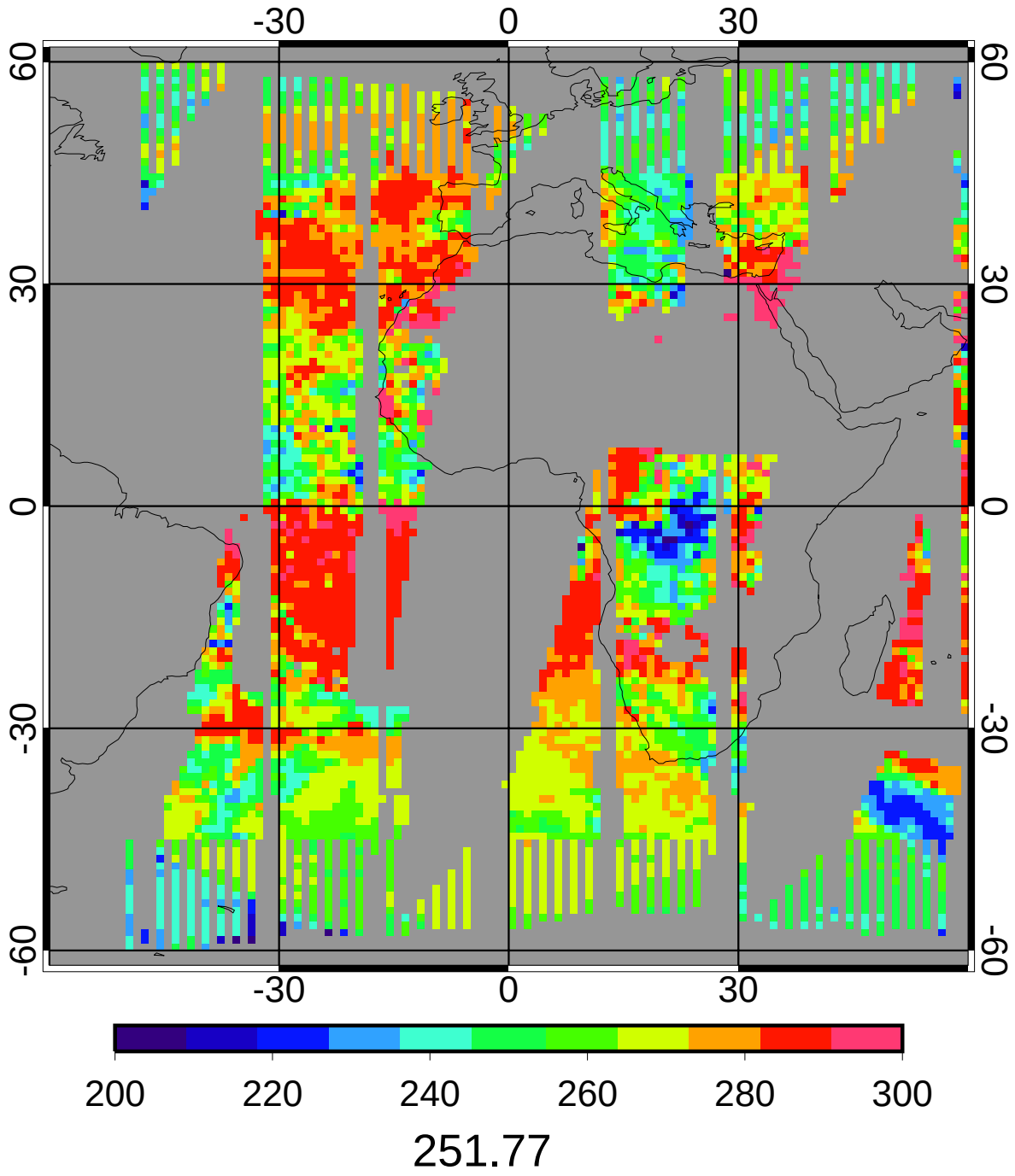




regave rms	0.43	38.93%
domain rms	0.59	53.22%

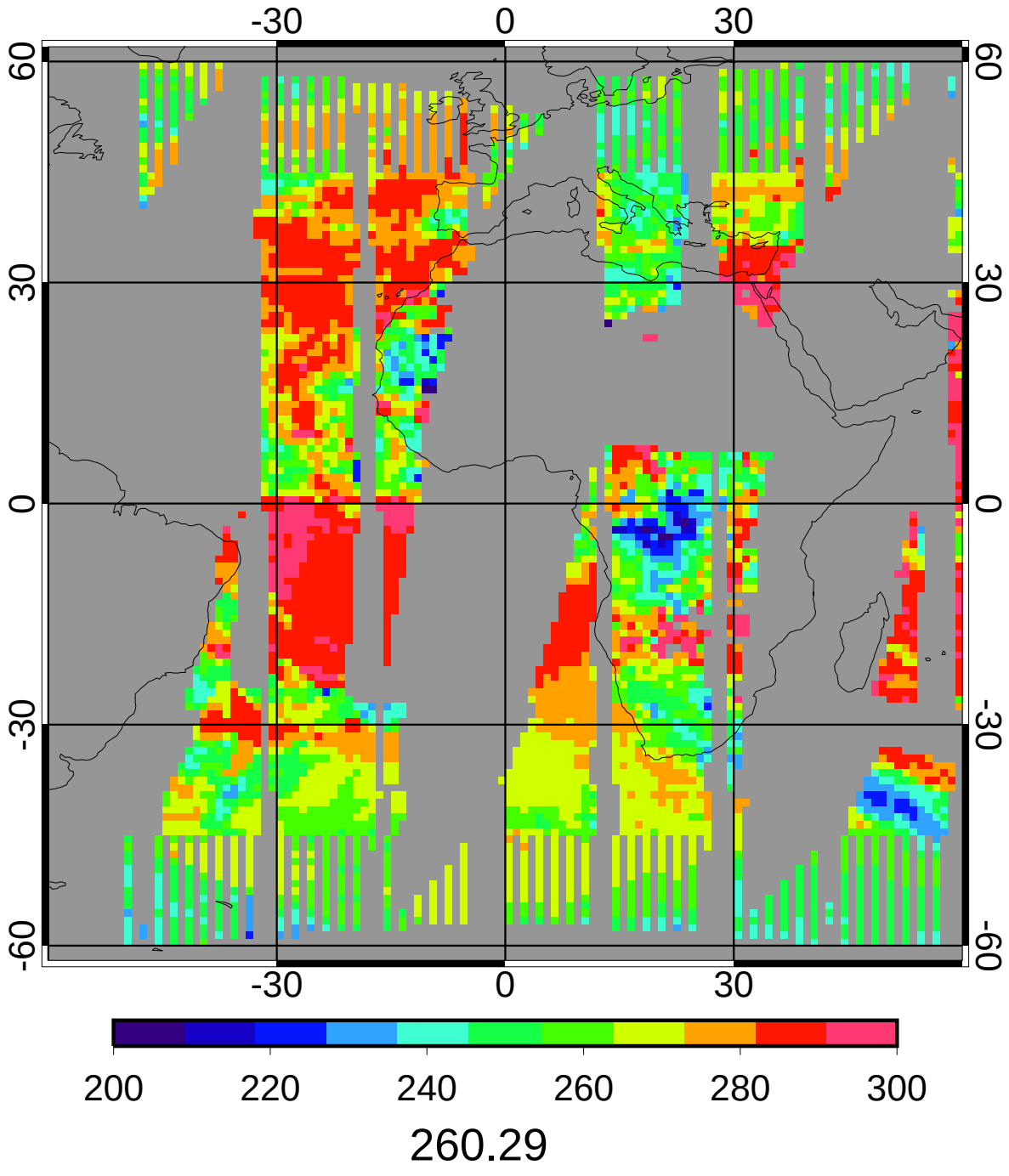
GGEO MEAN Daytime Cloud Temperature (K)

5ch_39cal Oct 2010



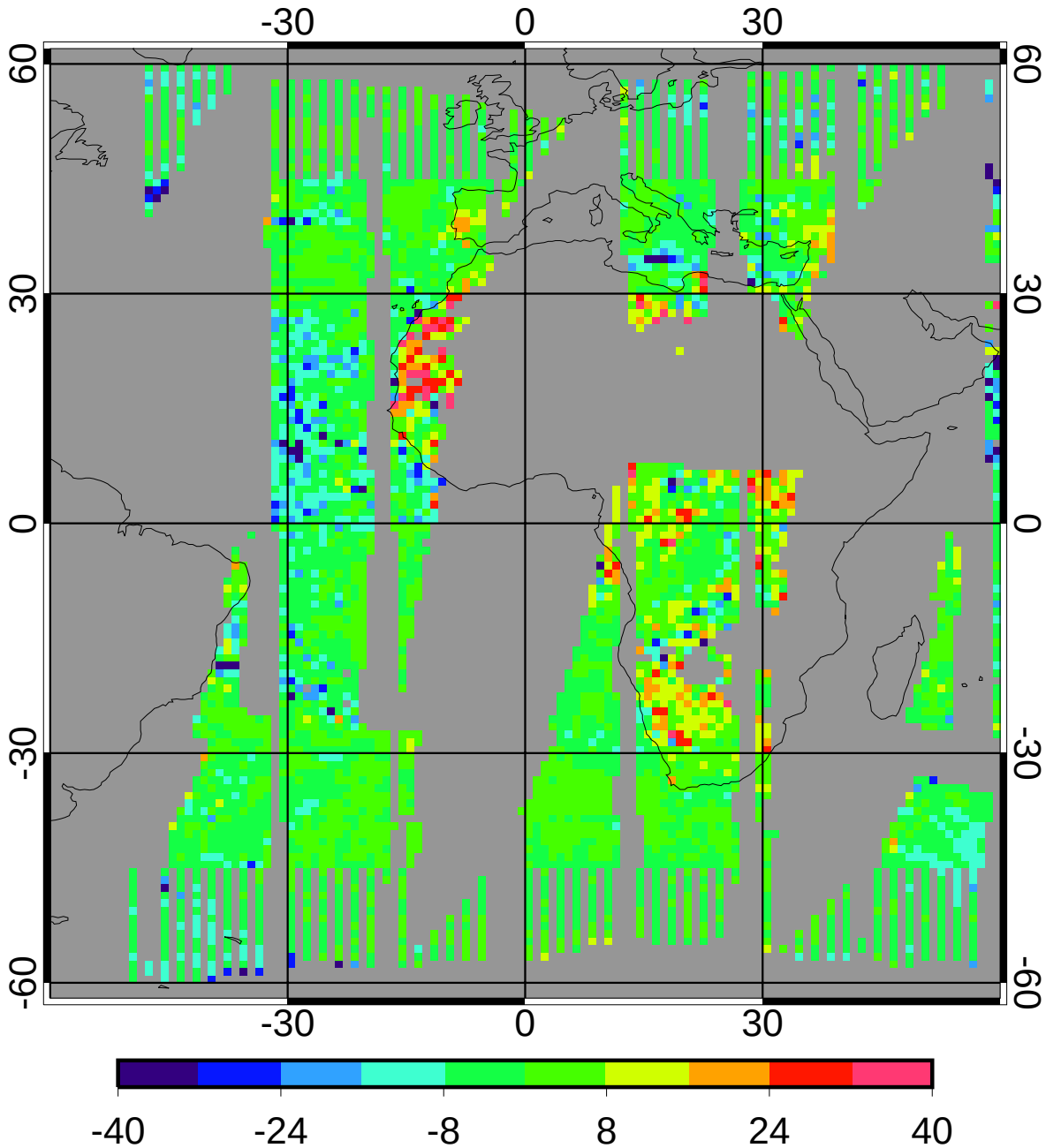
CERES/Terra MEAN Daytime Cloud Temperature (K)

5ch_39cal Oct 2010



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

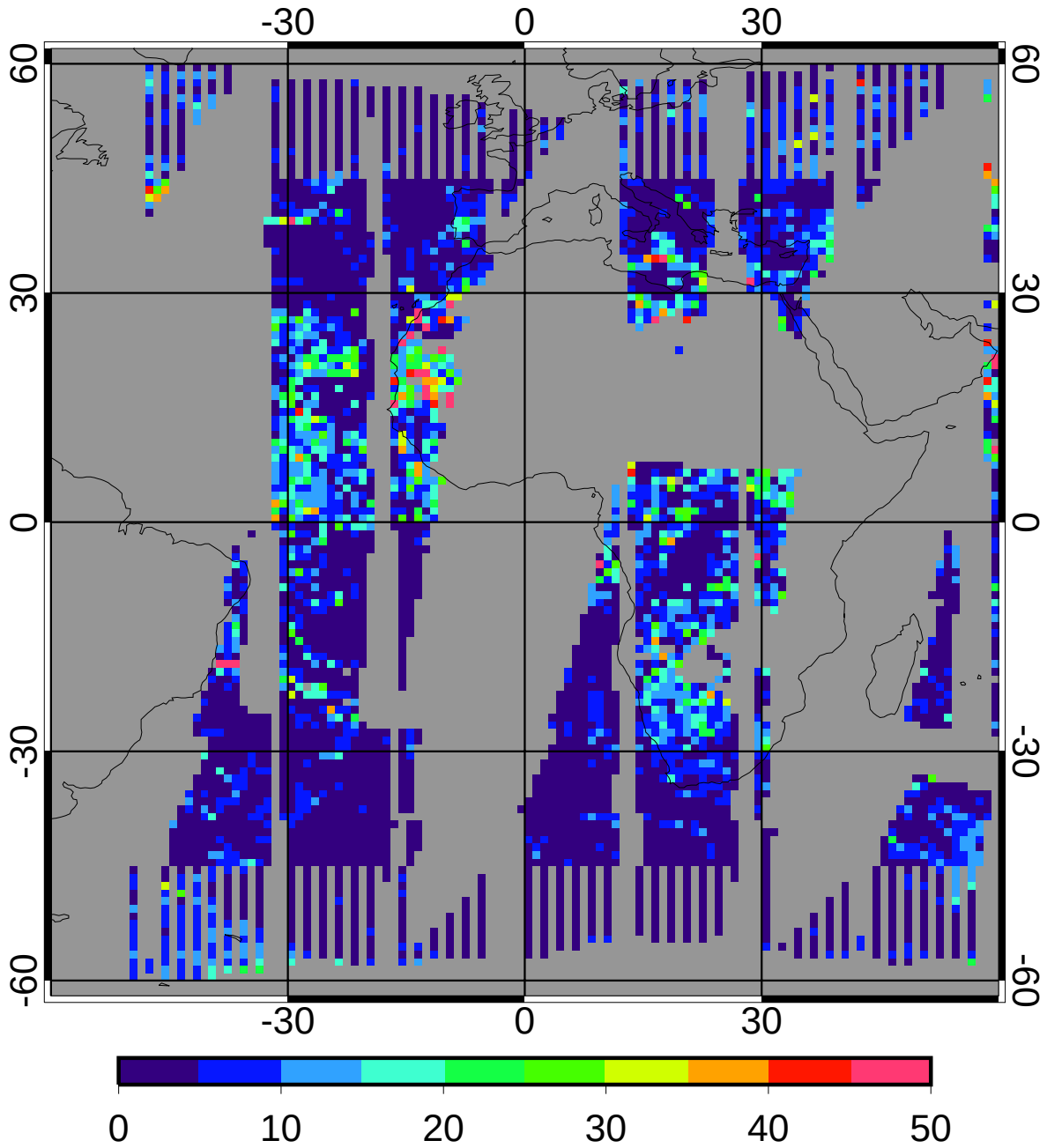
5ch_39cal Oct 2010



bias	-0.83	-0.32%
domain sigma	8.57	3.29%

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

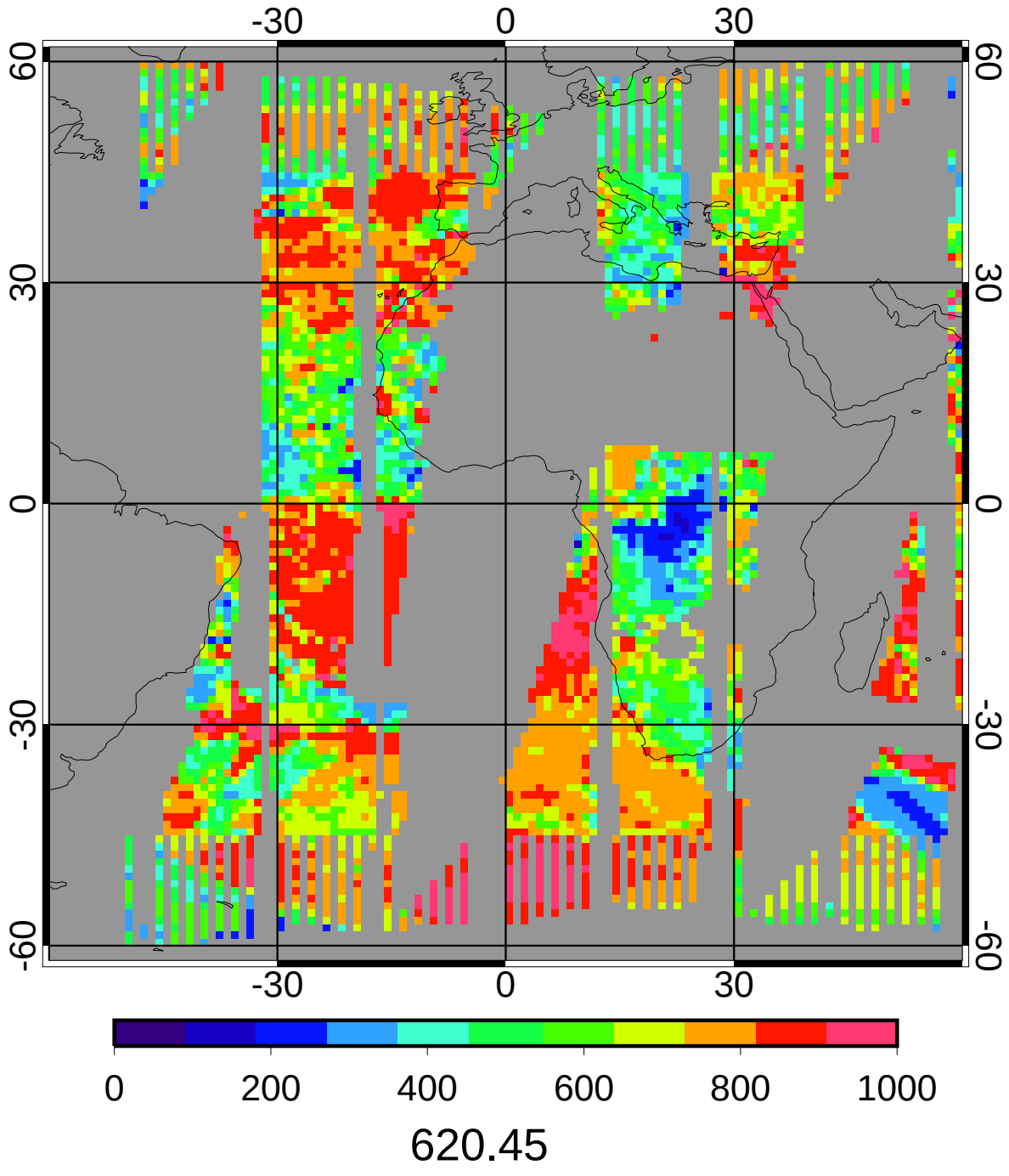
5ch_39cal Oct 2010



regave rms	6.00	2.30%
domain rms	9.55	3.67%

GGEO MEAN Daytime Cloud Eff Pressure (mb)

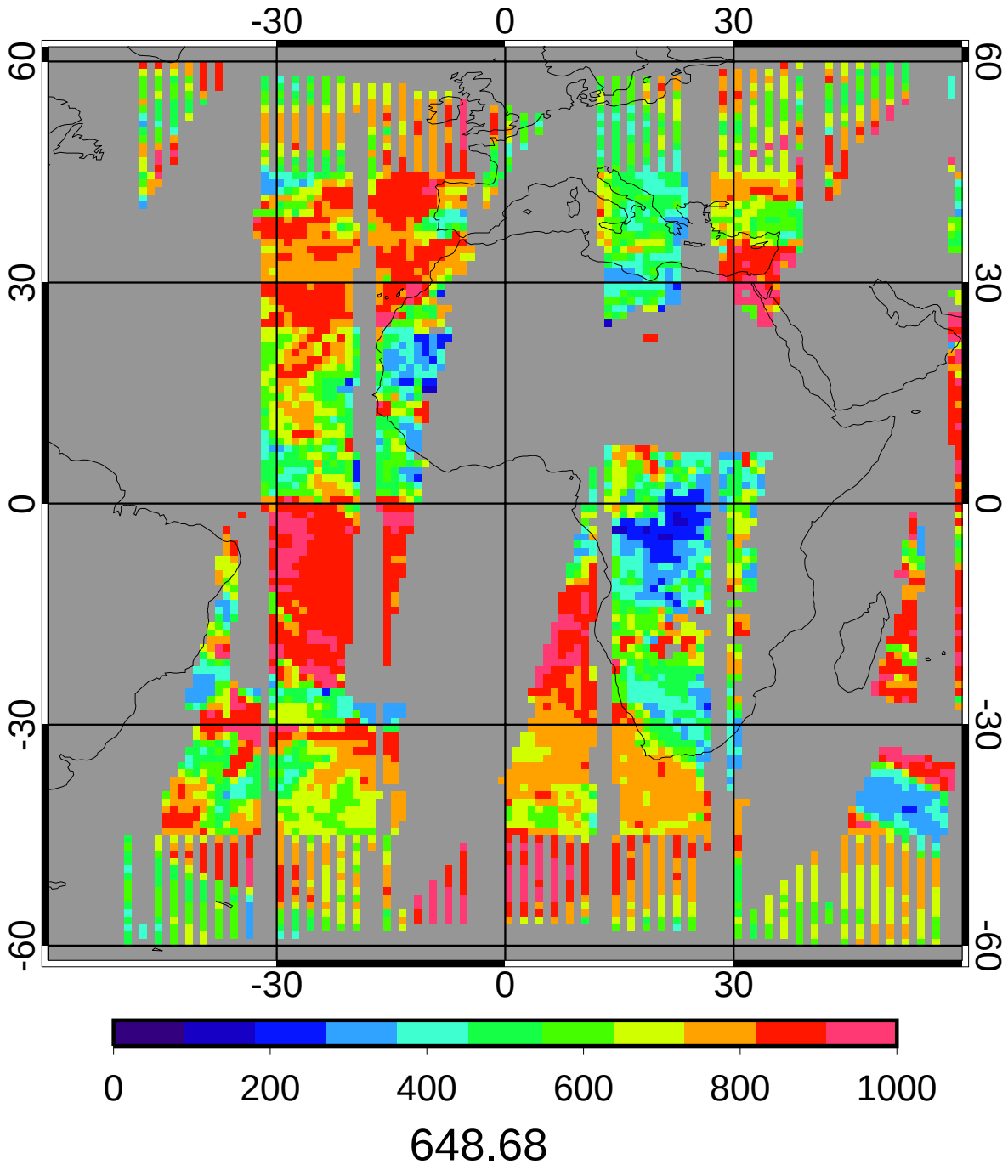
5ch_39cal Oct 2010



620.45

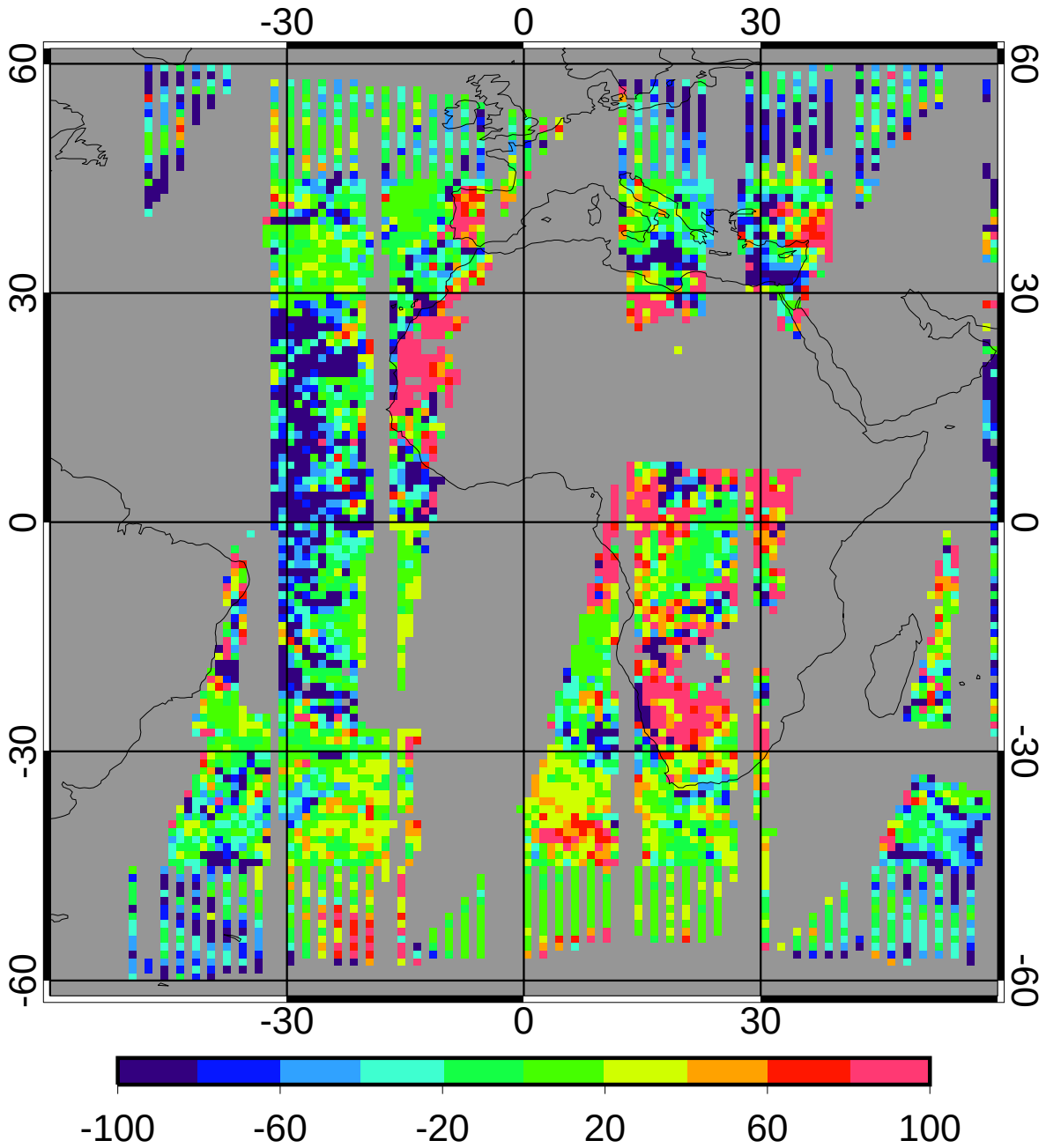
CERES/Terra MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Oct 2010



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

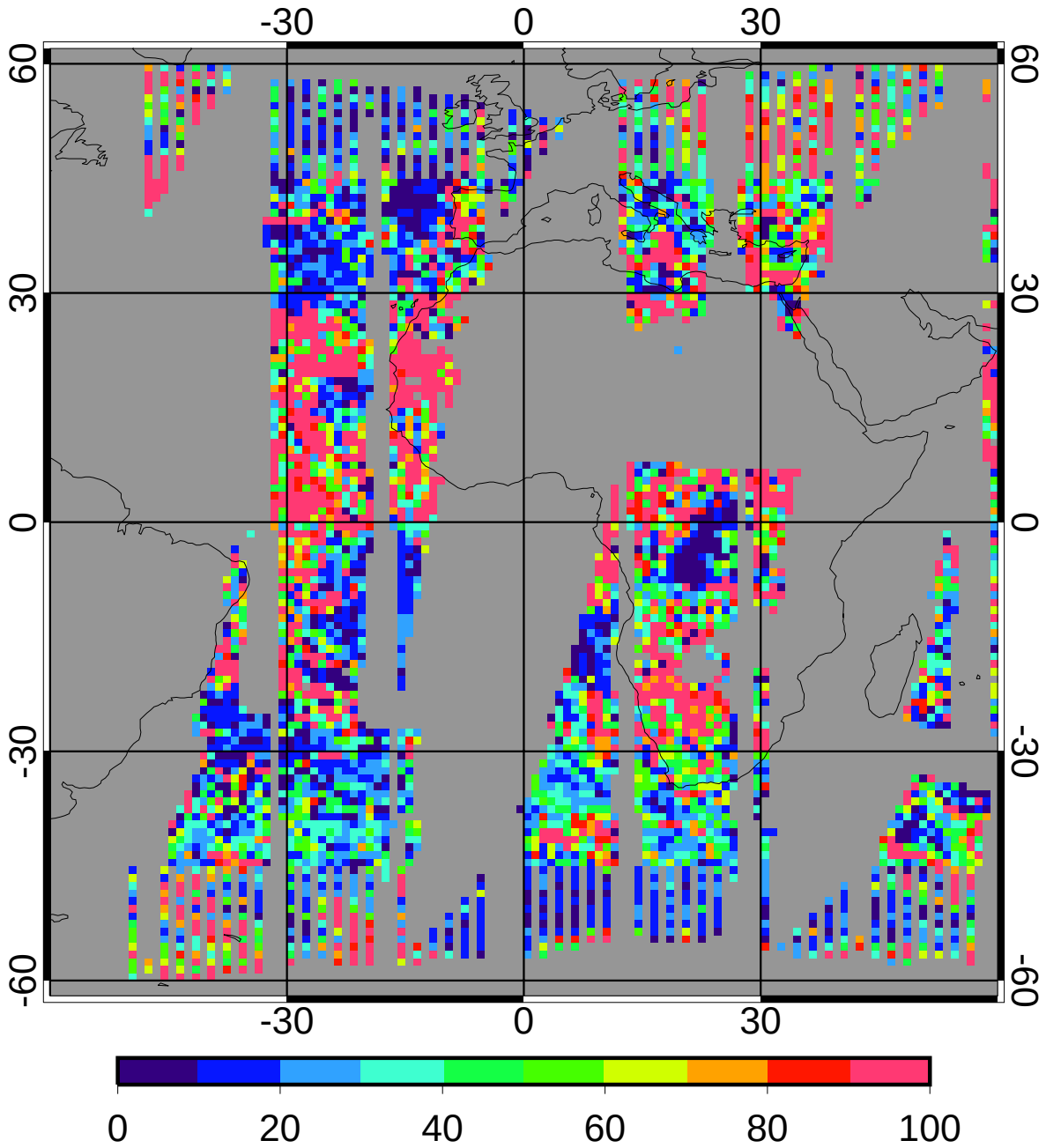
5ch_39cal Oct 2010



bias	-9.26	-1.43%
domain sigma	81.86	12.62%

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

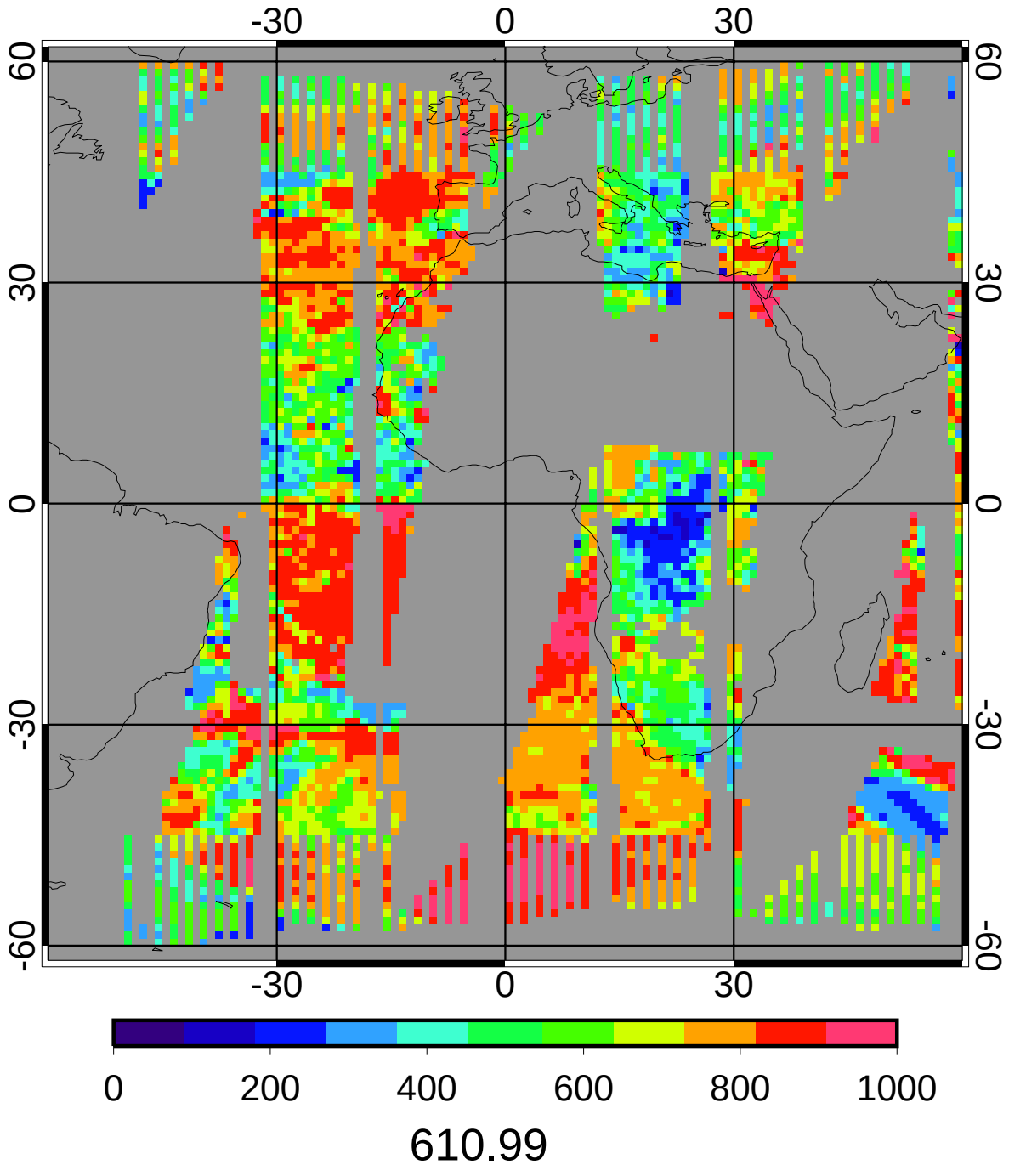
5ch_39cal Oct 2010



regave rms	62.08	9.57%
domain rms	93.29	14.38%

GGEO MEAN Daytime Cloud Top Pressure (mb)

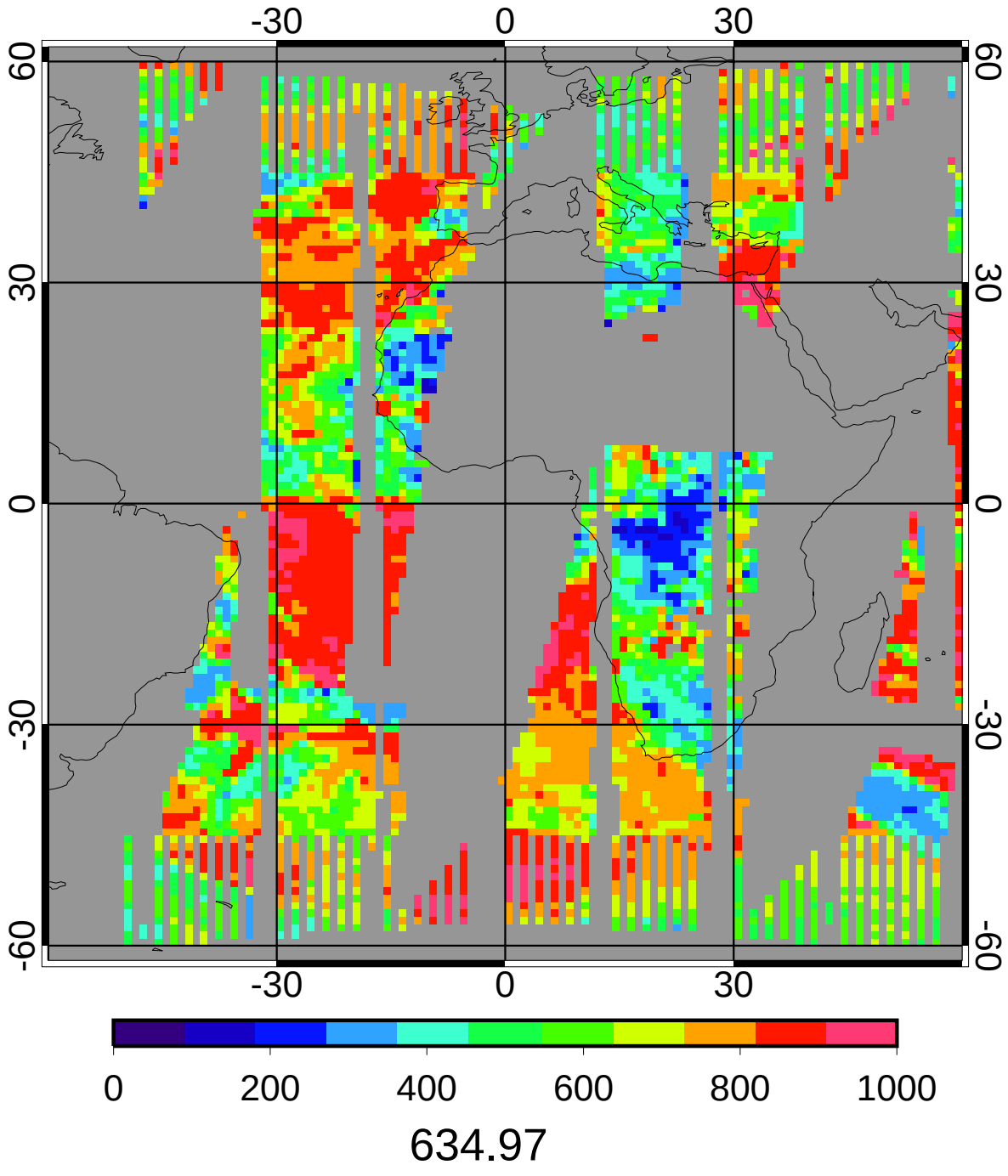
5ch_39cal Oct 2010



610.99

CERES/Terra MEAN Daytime Cloud Top Pressure (mb)

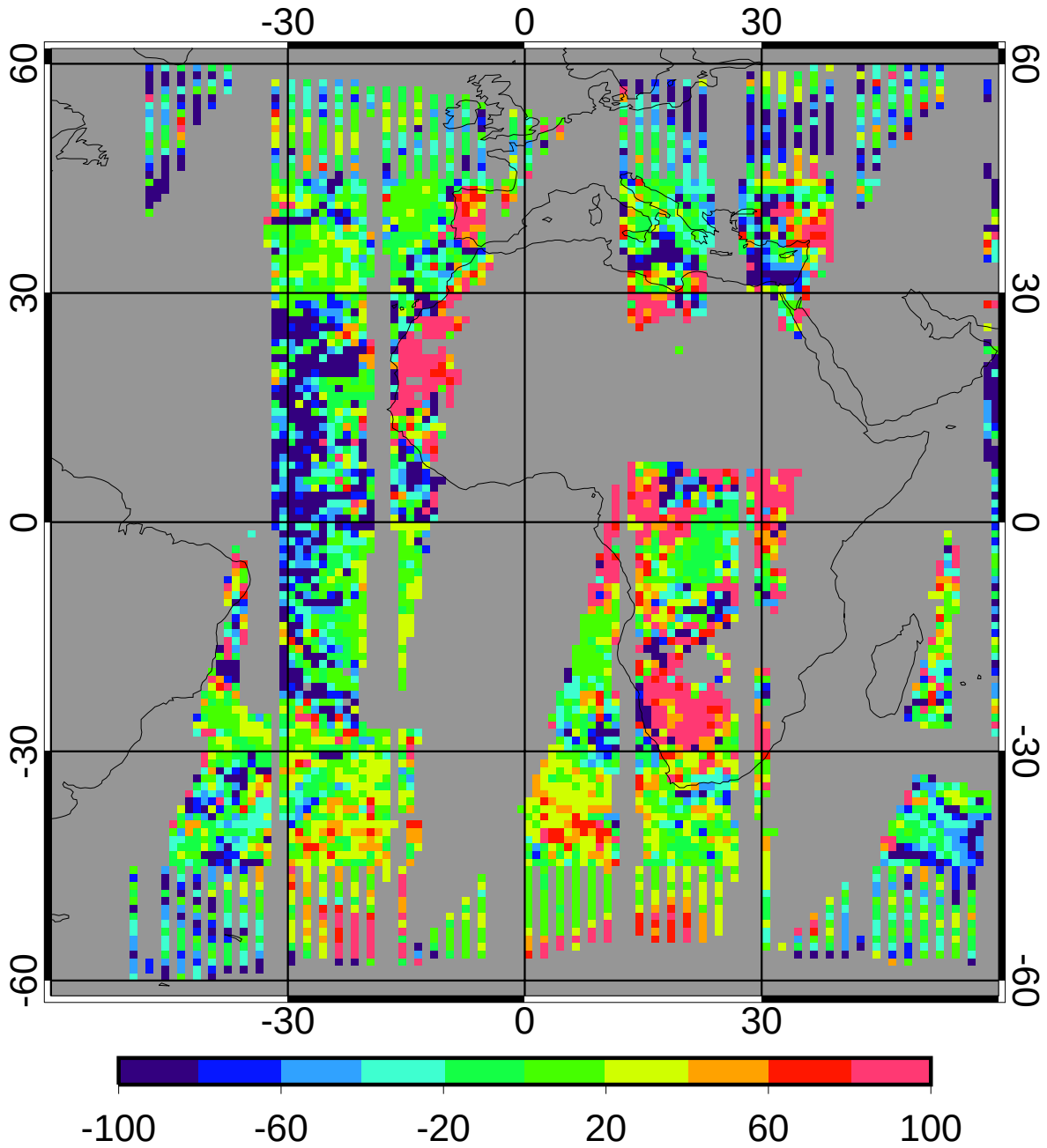
5ch_39cal Oct 2010



634.97

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

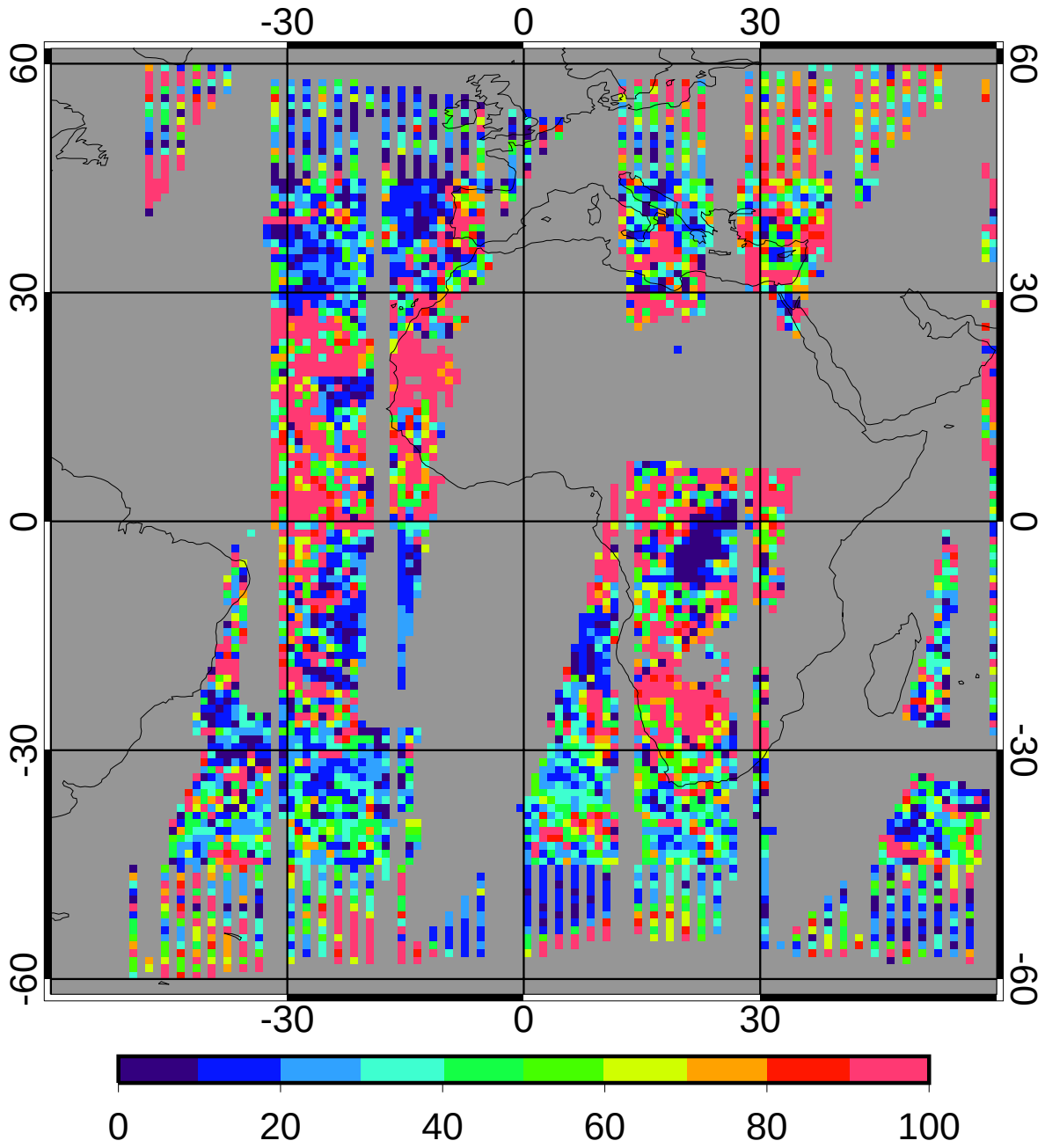
5ch_39cal Oct 2010



bias	-5.78	-0.91%
domain sigma	84.72	13.34%

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

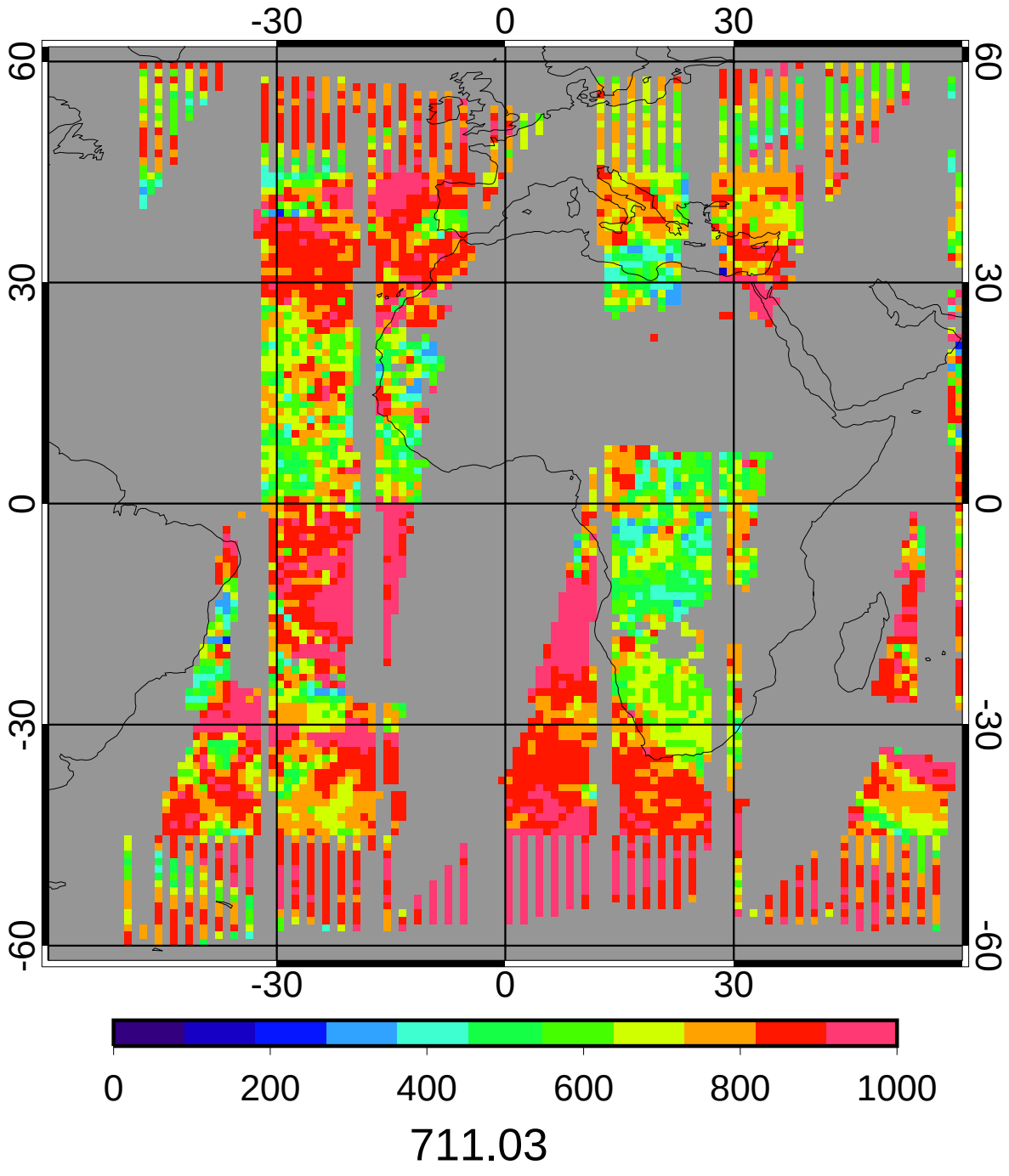
5ch_39cal Oct 2010



regave rms	65.07	10.25%
domain rms	96.63	15.22%

GGEO MEAN Daytime Cloud Base Pressure (mb)

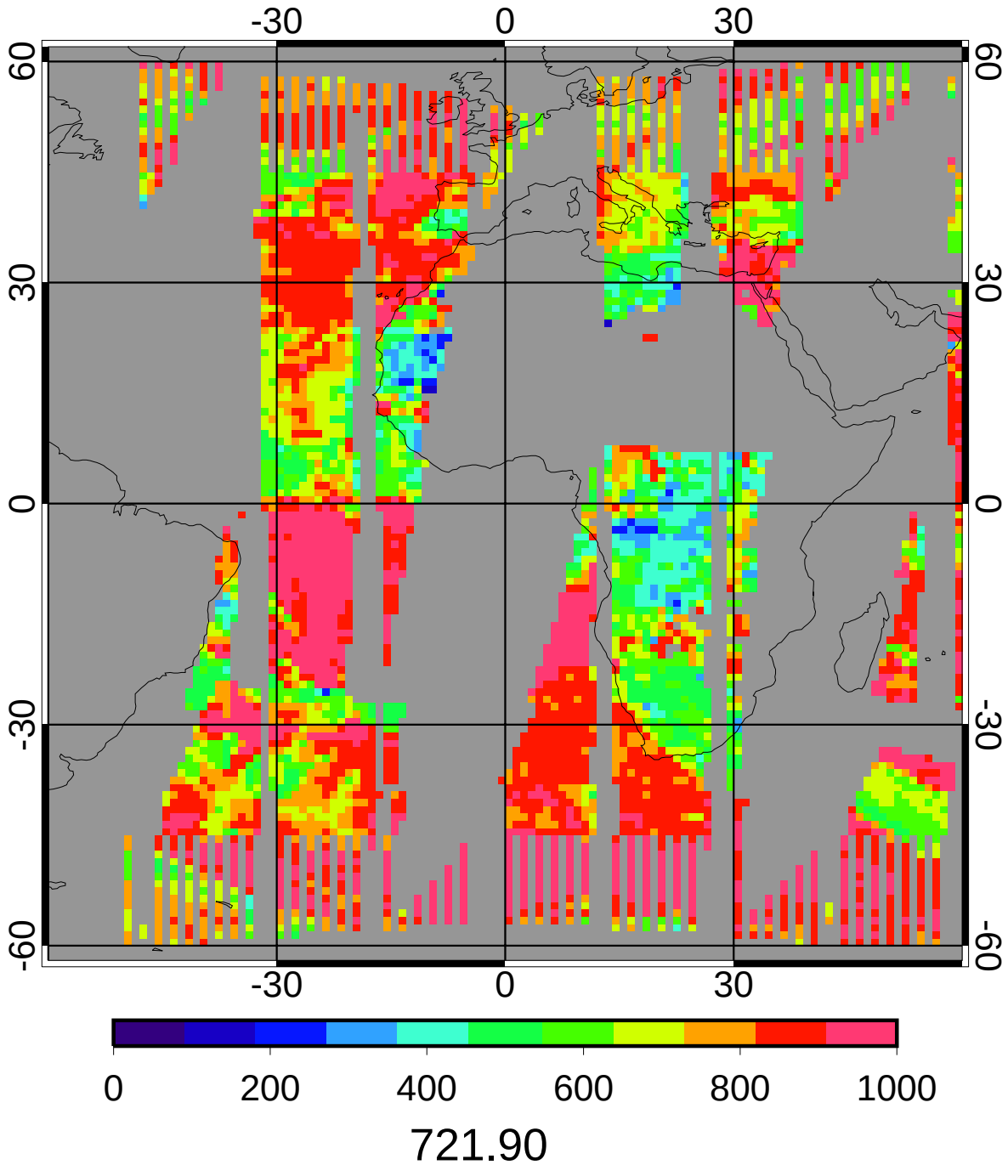
5ch_39cal Oct 2010



711.03

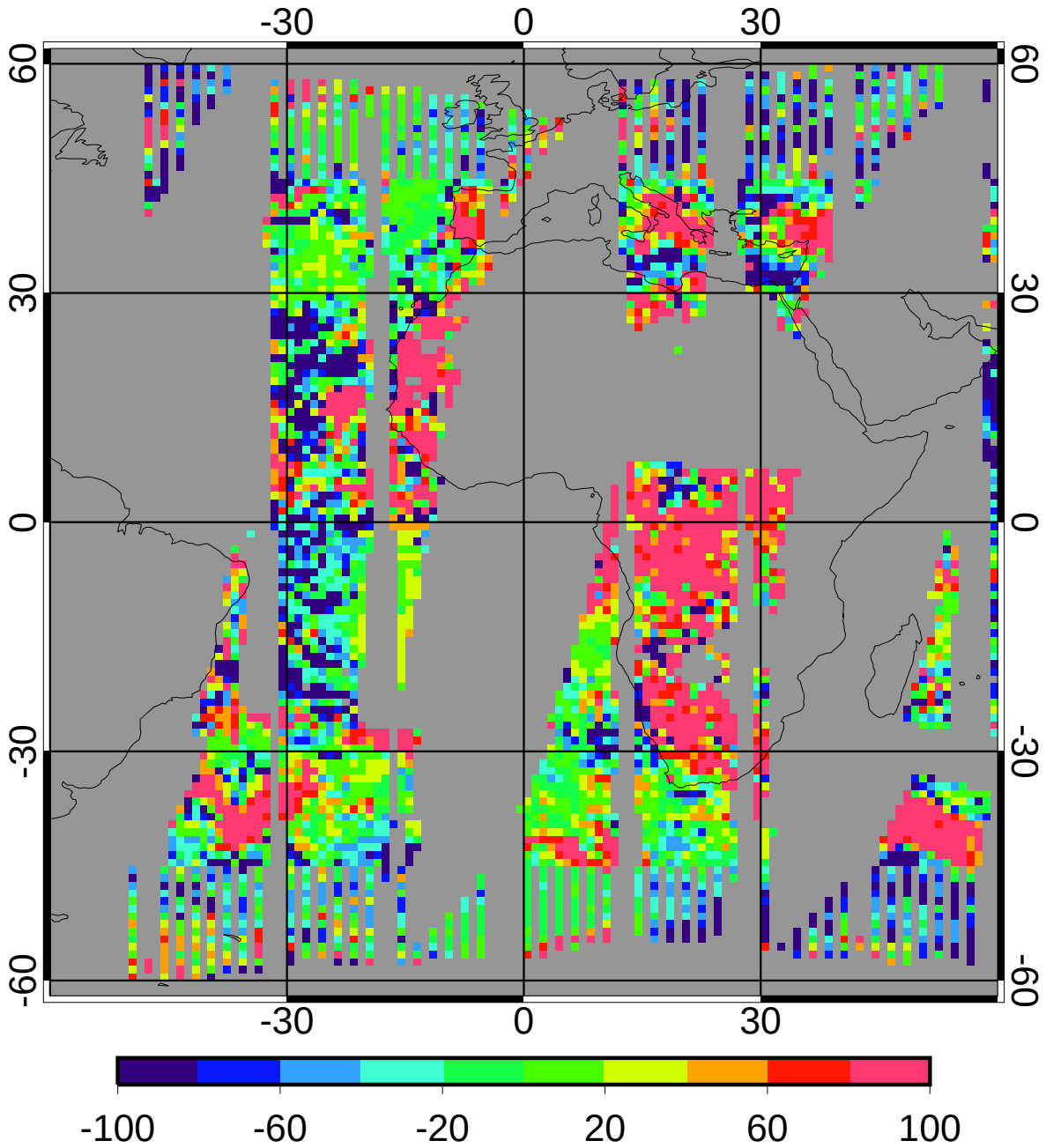
CERES/Terra MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Oct 2010



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

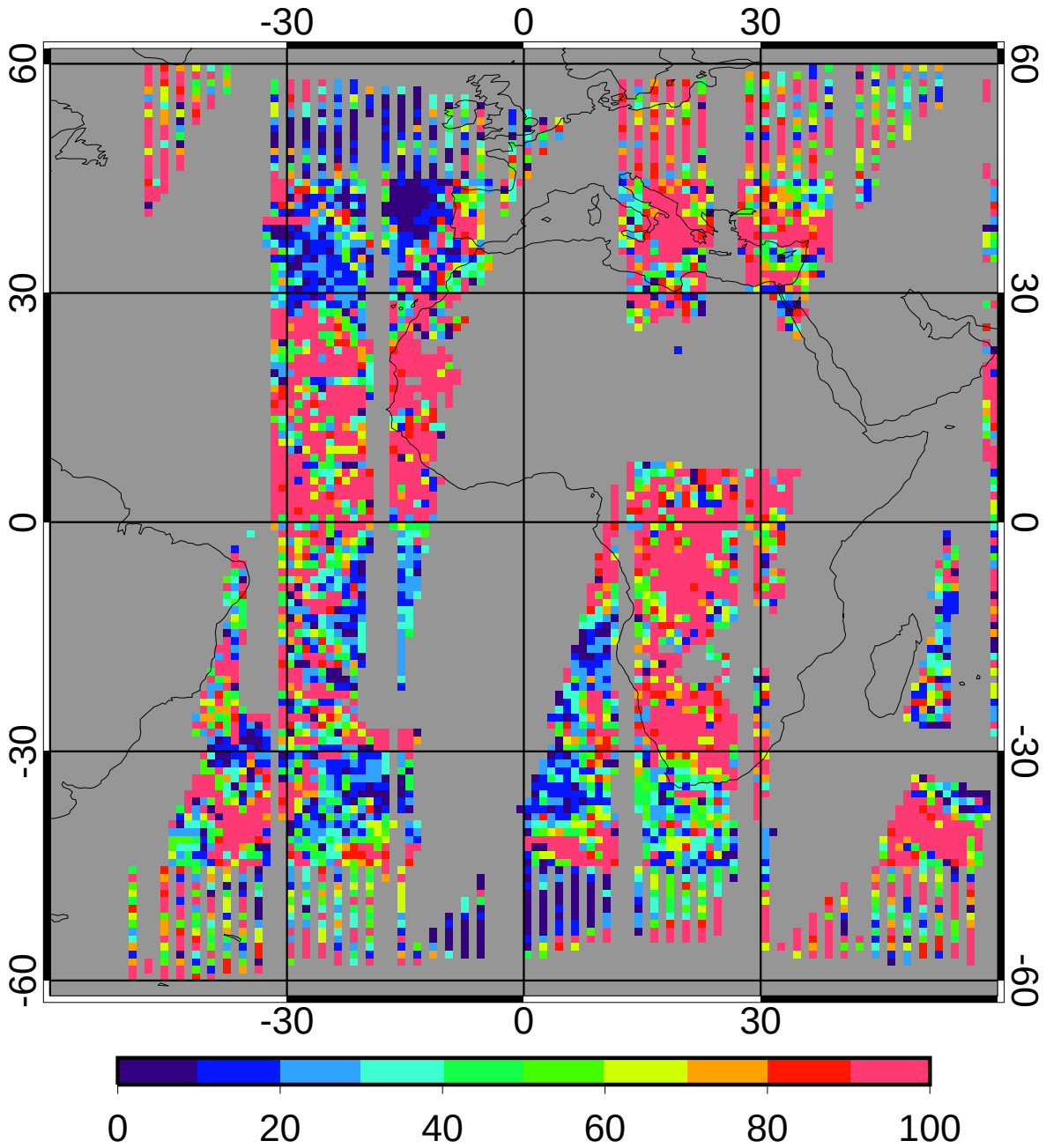
5ch_39cal Oct 2010



bias	9.59	1.33%
domain sigma	92.64	12.83%

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

5ch_39cal Oct 2010

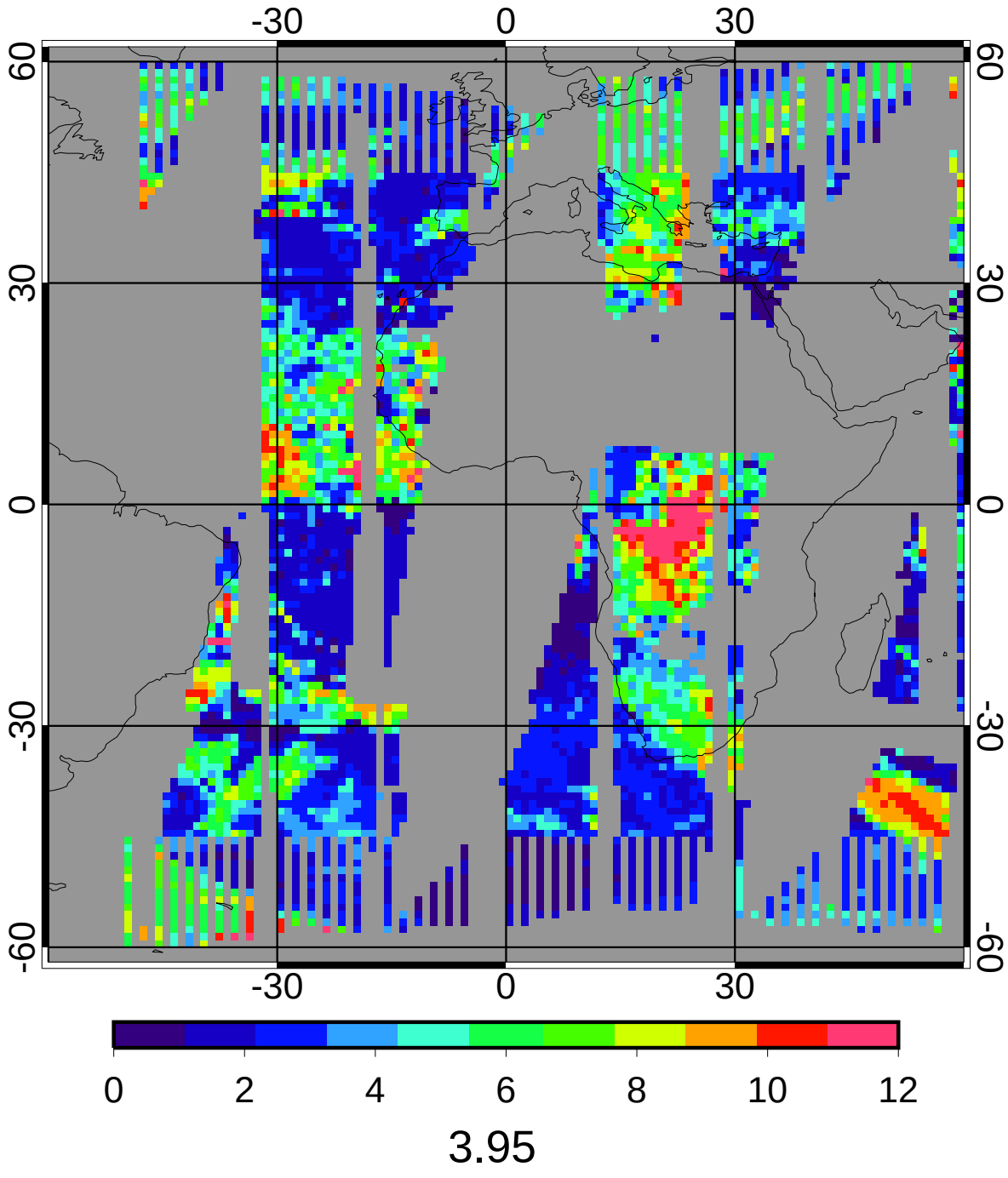


regave rms 80.71 11.18%

domain rms 110.79 15.35%

GGEO MEAN Daytime Cloud Eff Height (km)

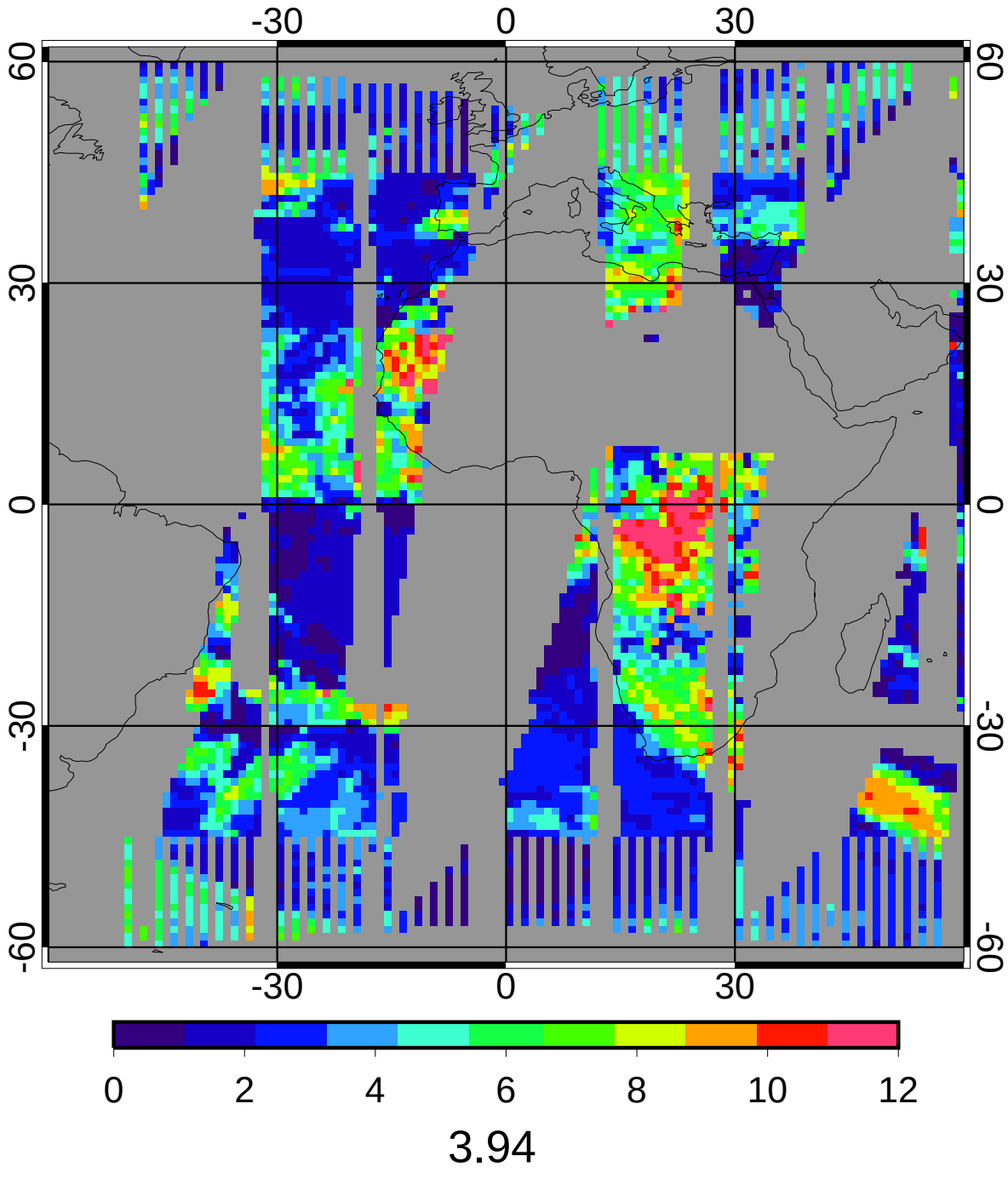
5ch_39cal Oct 2010



3.95

CERES/Terra MEAN Daytime Cloud Eff Height (km)

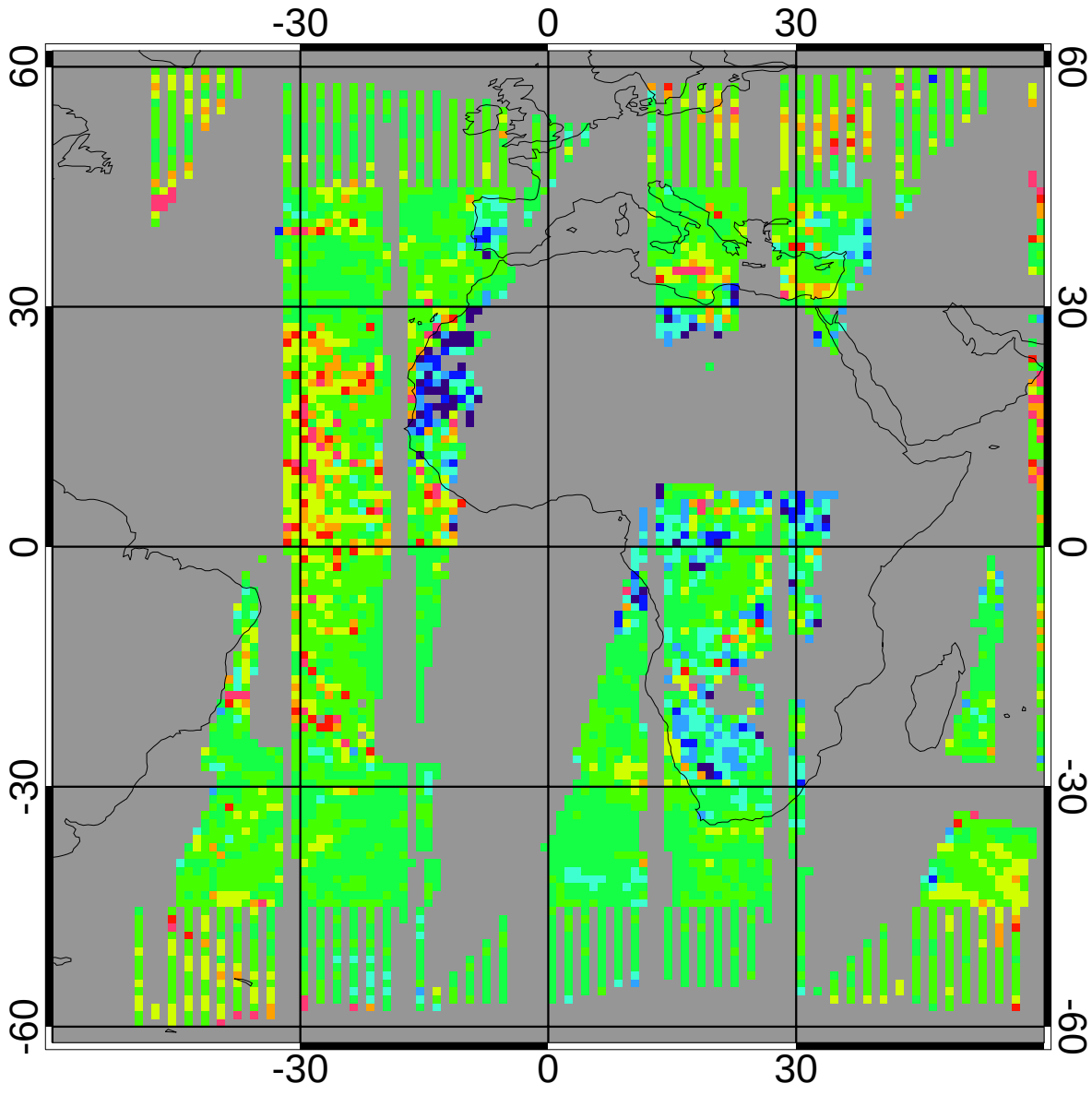
5ch_39cal Oct 2010



3.94

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

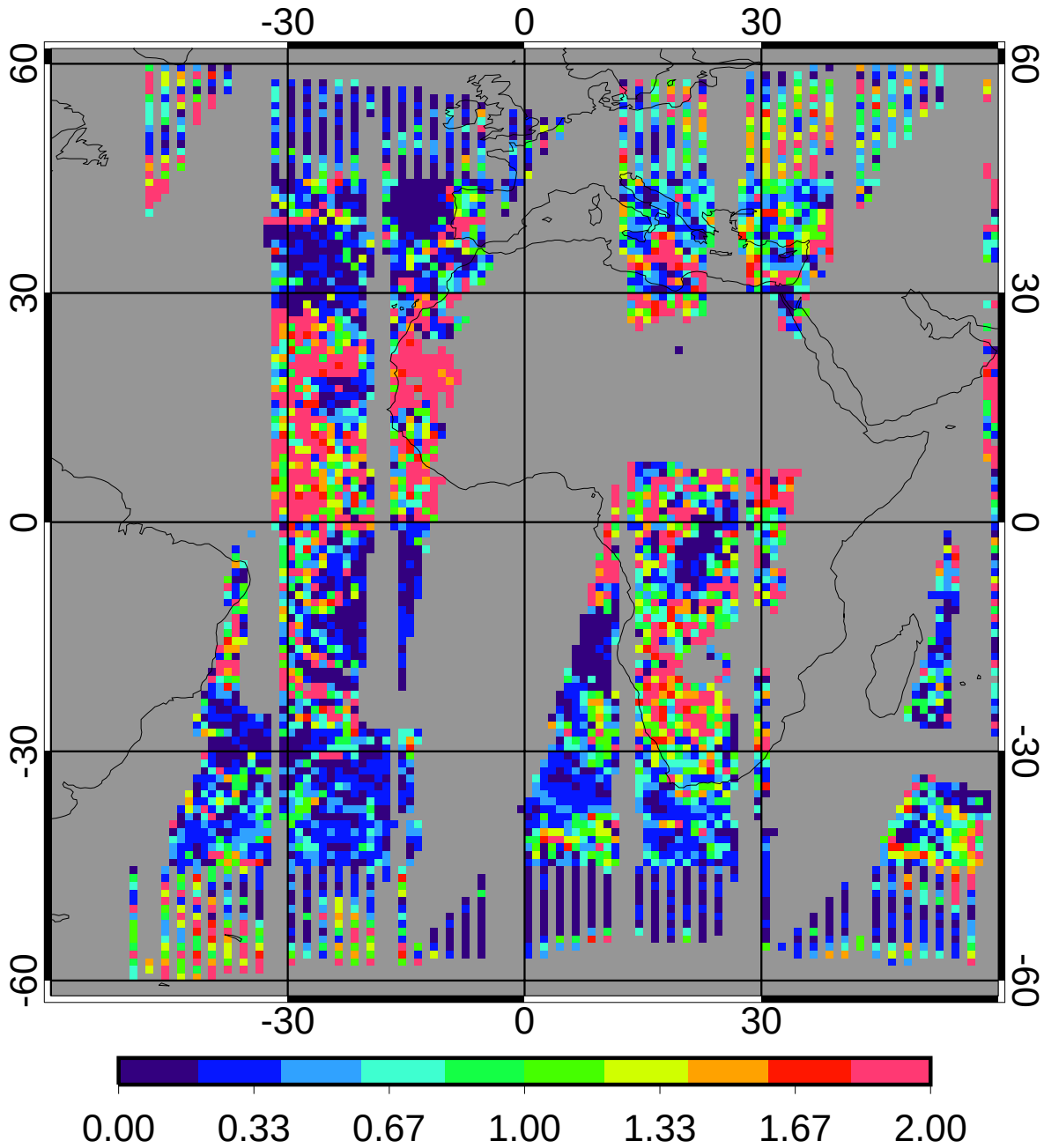
5ch_39cal Oct 2010



bias	0.13	3.32%
domain sigma	1.30	33.08%

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

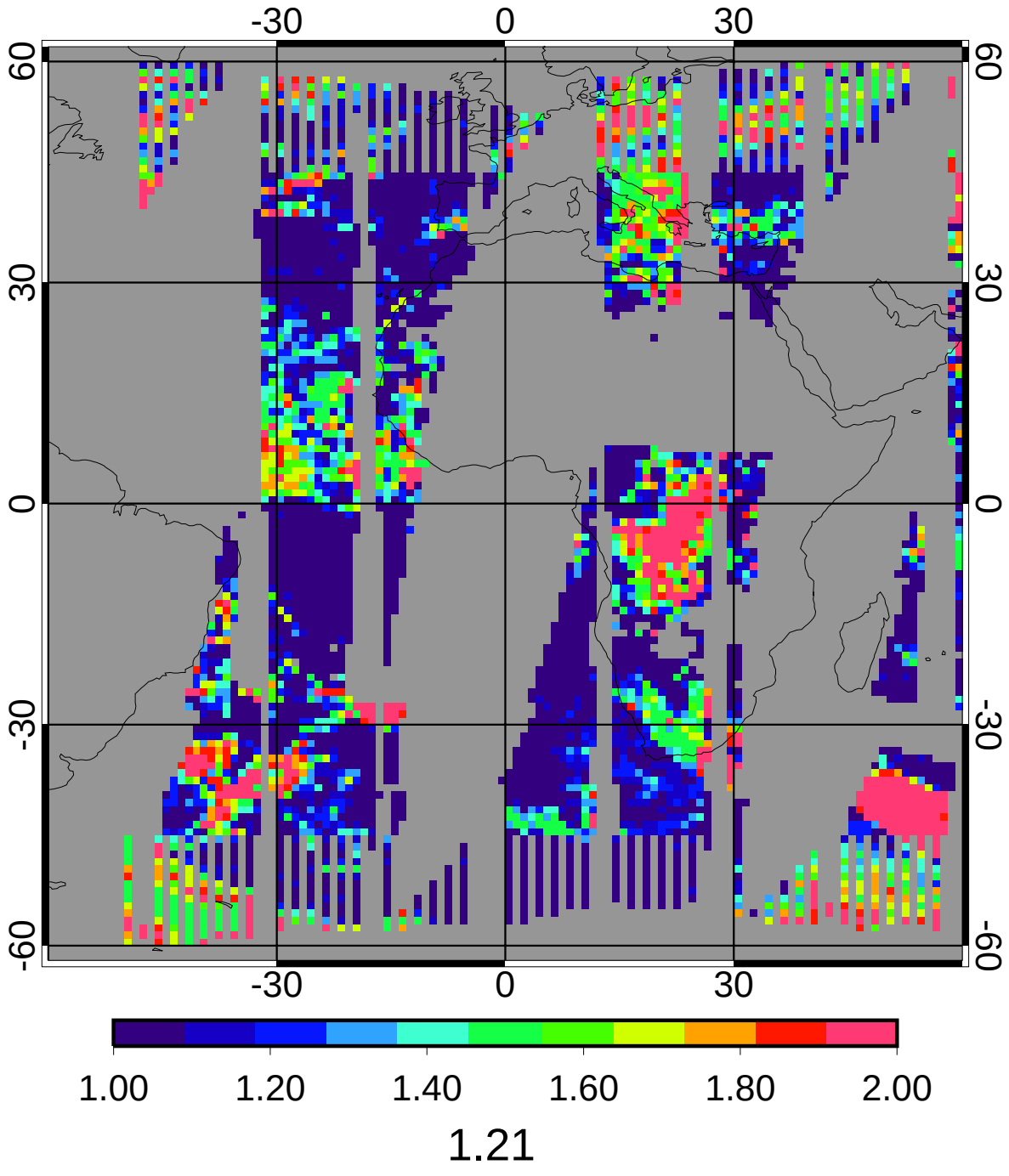
5ch_39cal Oct 2010



regave rms	0.94	23.81%
domain rms	1.47	37.37%

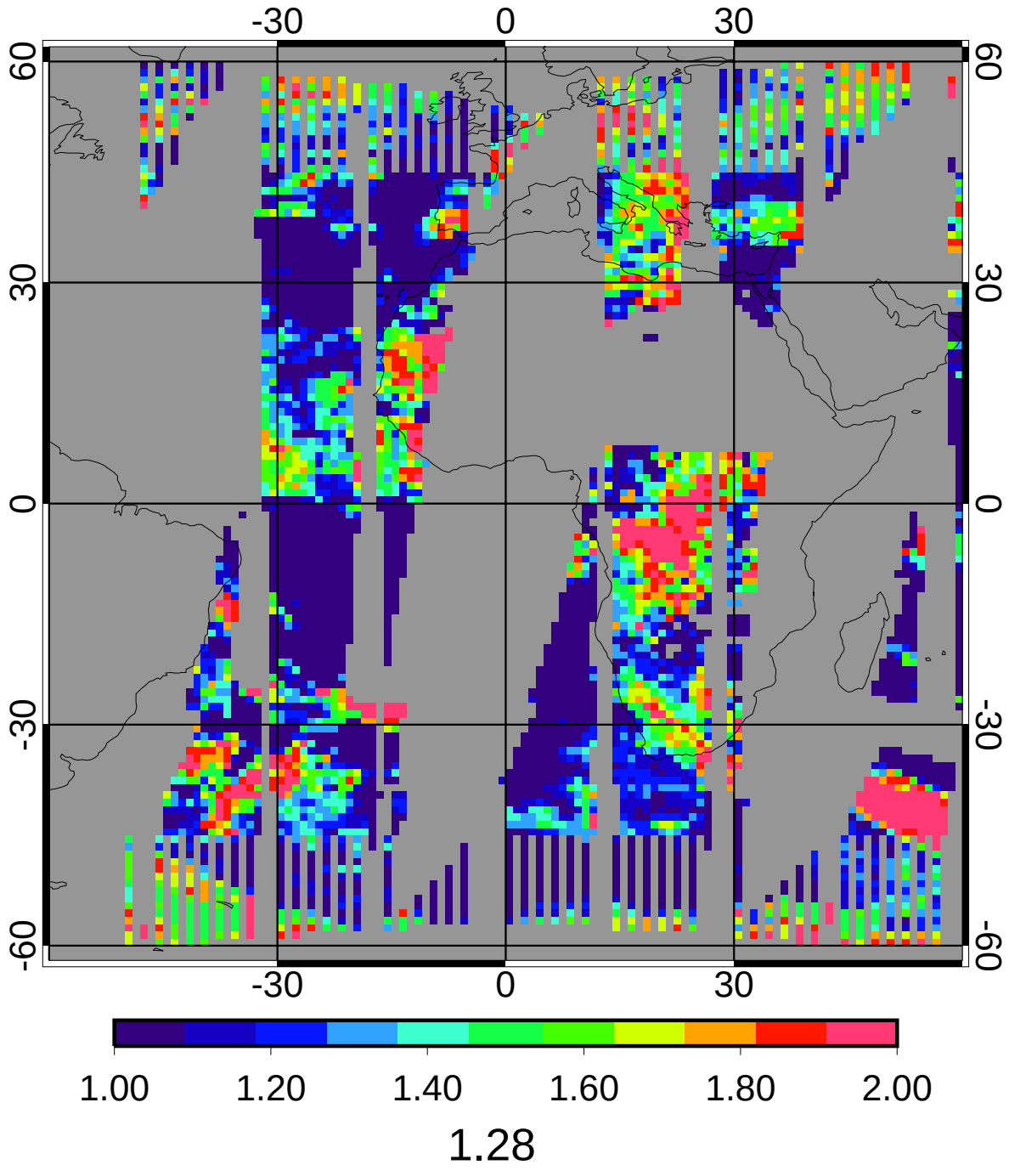
GGEO MEAN Daytime Cloud Phase

5ch_39cal Oct 2010



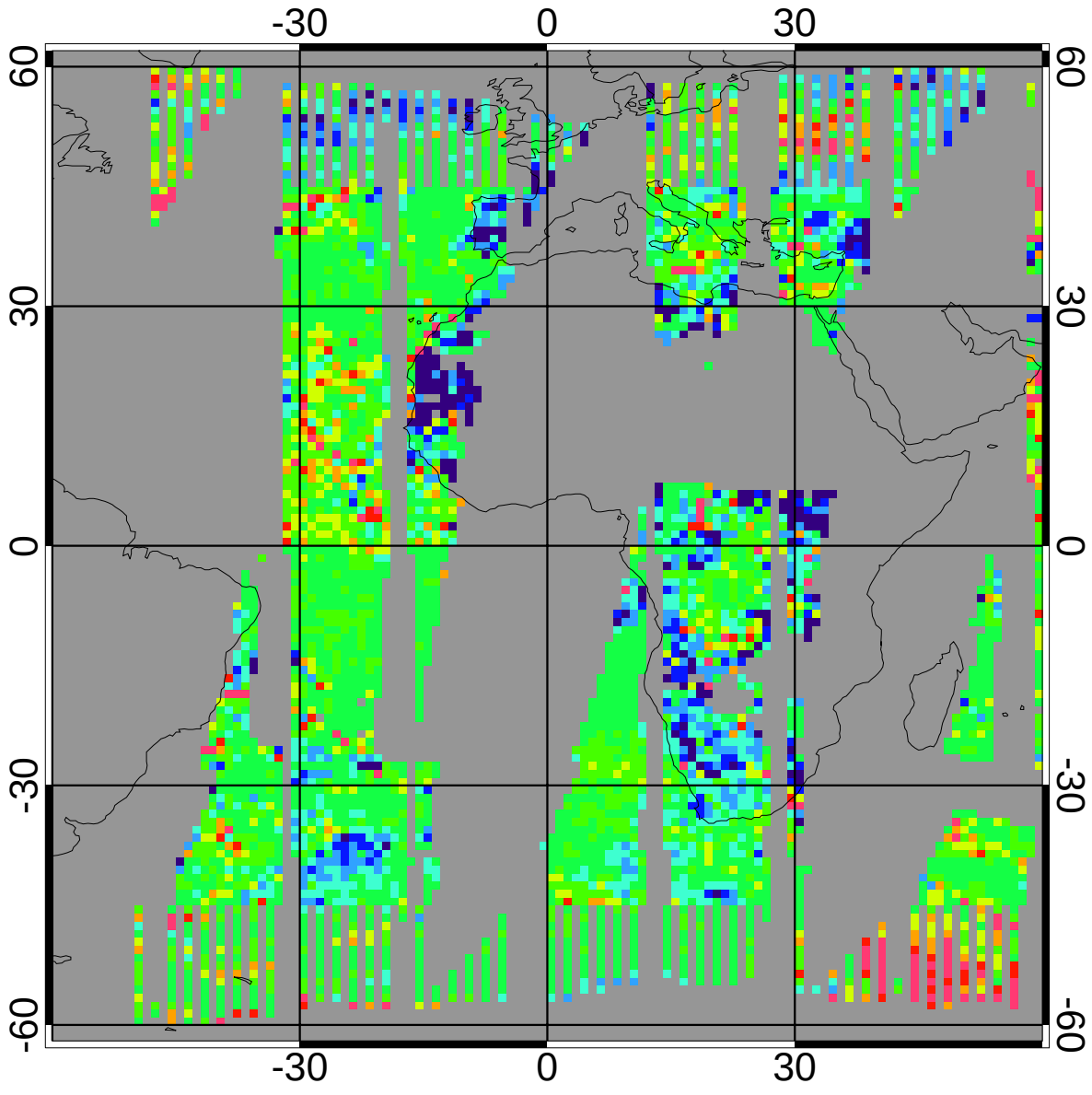
CERES/Terra MEAN Daytime Cloud Phase

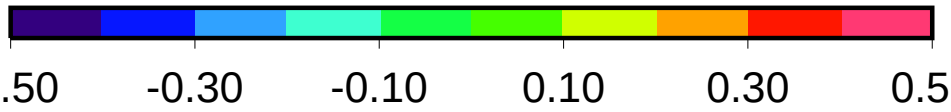
5ch_39cal Oct 2010



GGEO - CERES/Terra Daytime Cloud Phase Bias

5ch_39cal Oct 2010

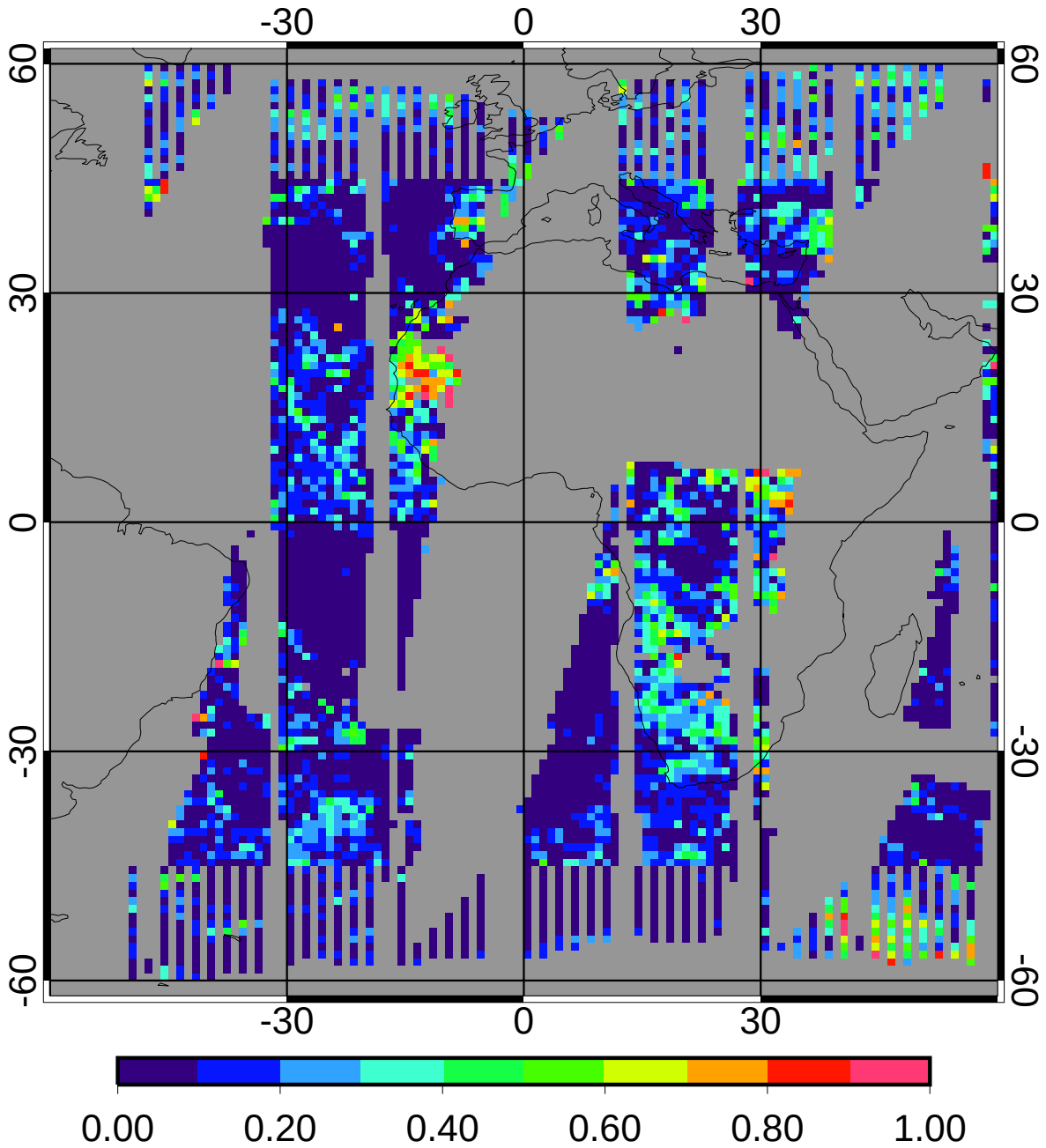




bias	-0.03	-2.63%
domain sigma	0.17	13.48%

GGEO - CERES/Terra Daytime Cloud Phase RMS

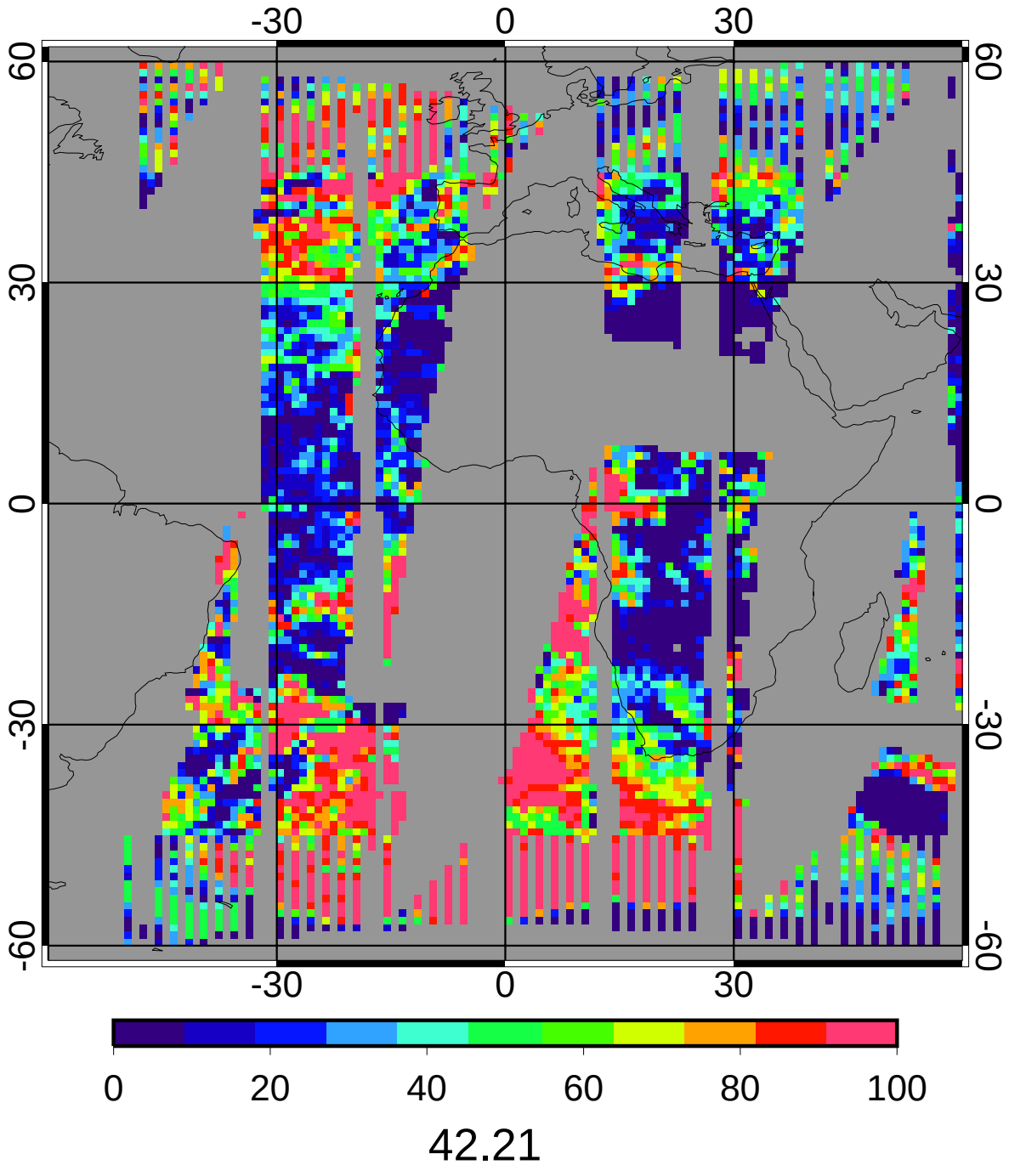
5ch_39cal Oct 2010



regave rms	0.14	10.58%
domain rms	0.20	15.60%

GGEO MEAN Daytime Liquid Cld Amt (%)

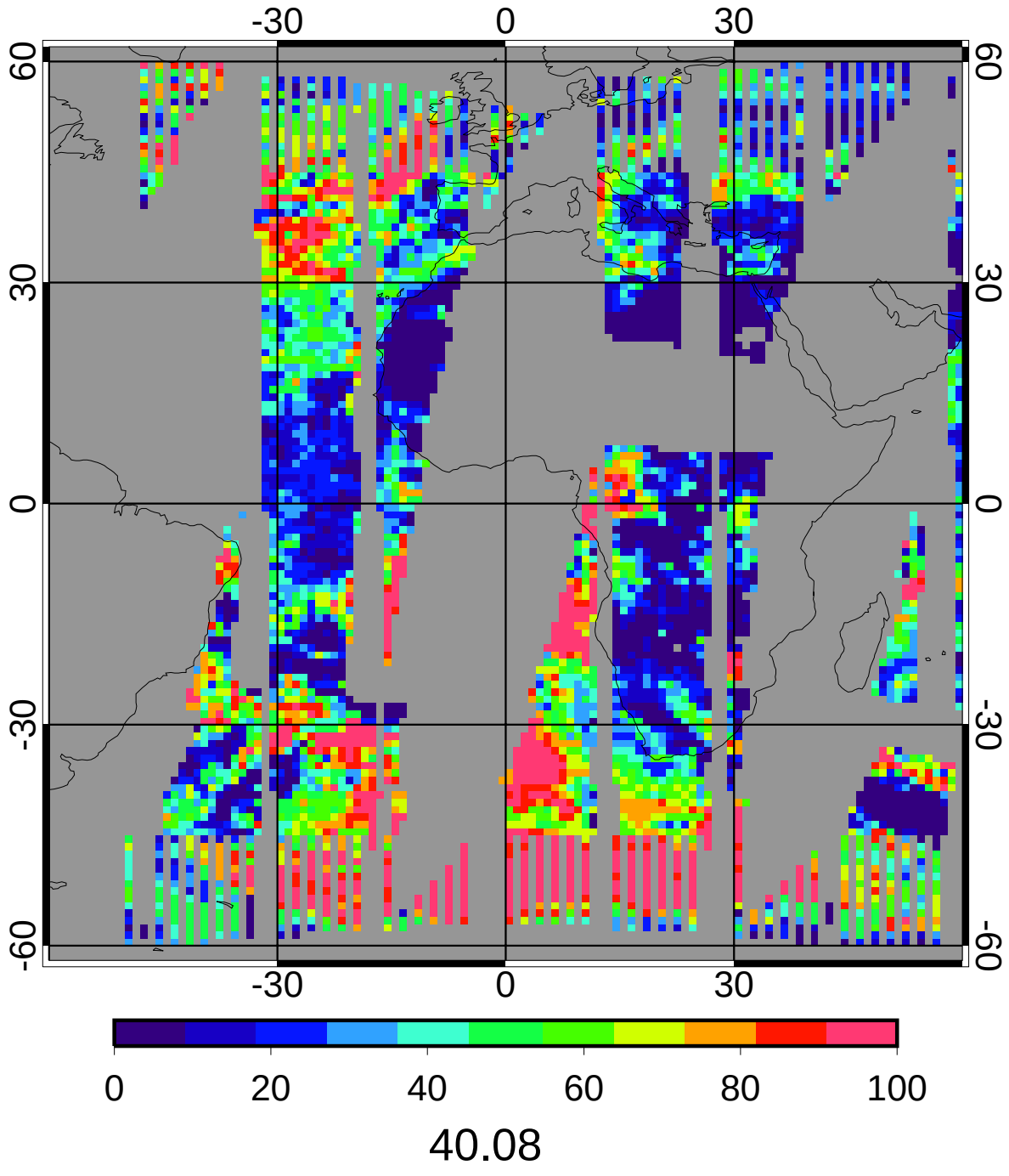
5ch_39cal Oct 2010



42.21

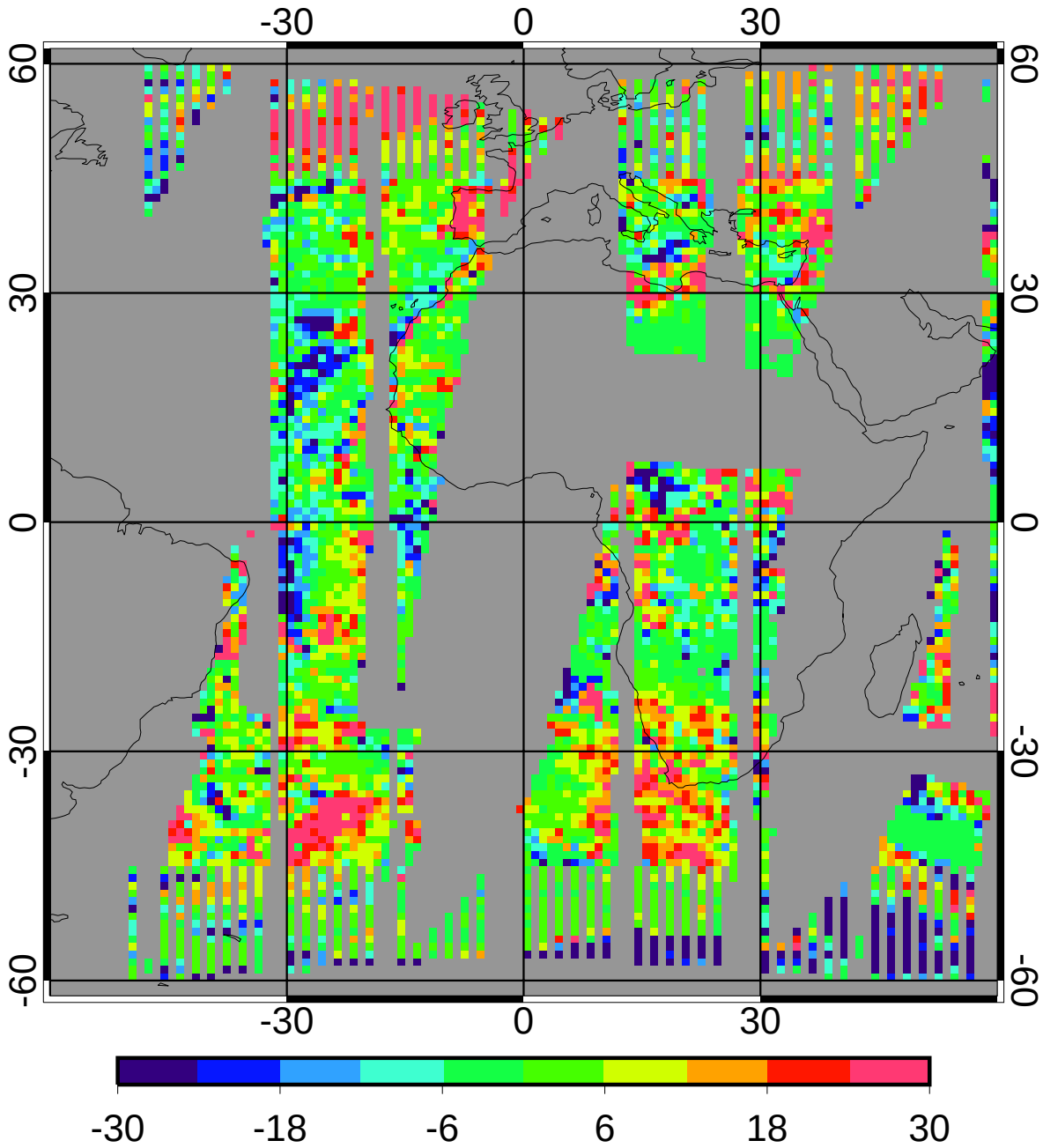
CERES/Terra MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Oct 2010



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

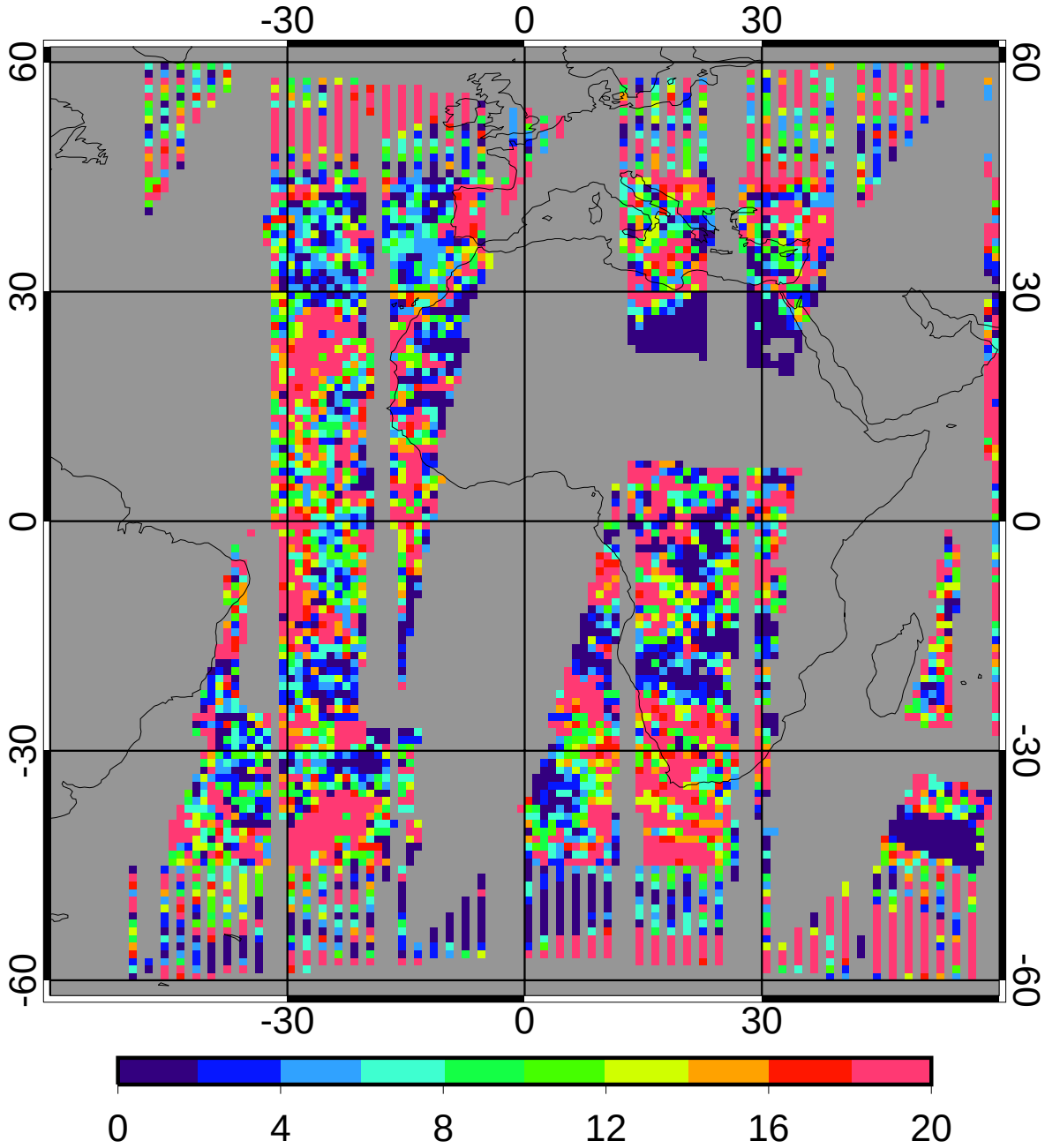
5ch_39cal Oct 2010



bias	2.13	5.32%
domain sigma	14.35	35.80%

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

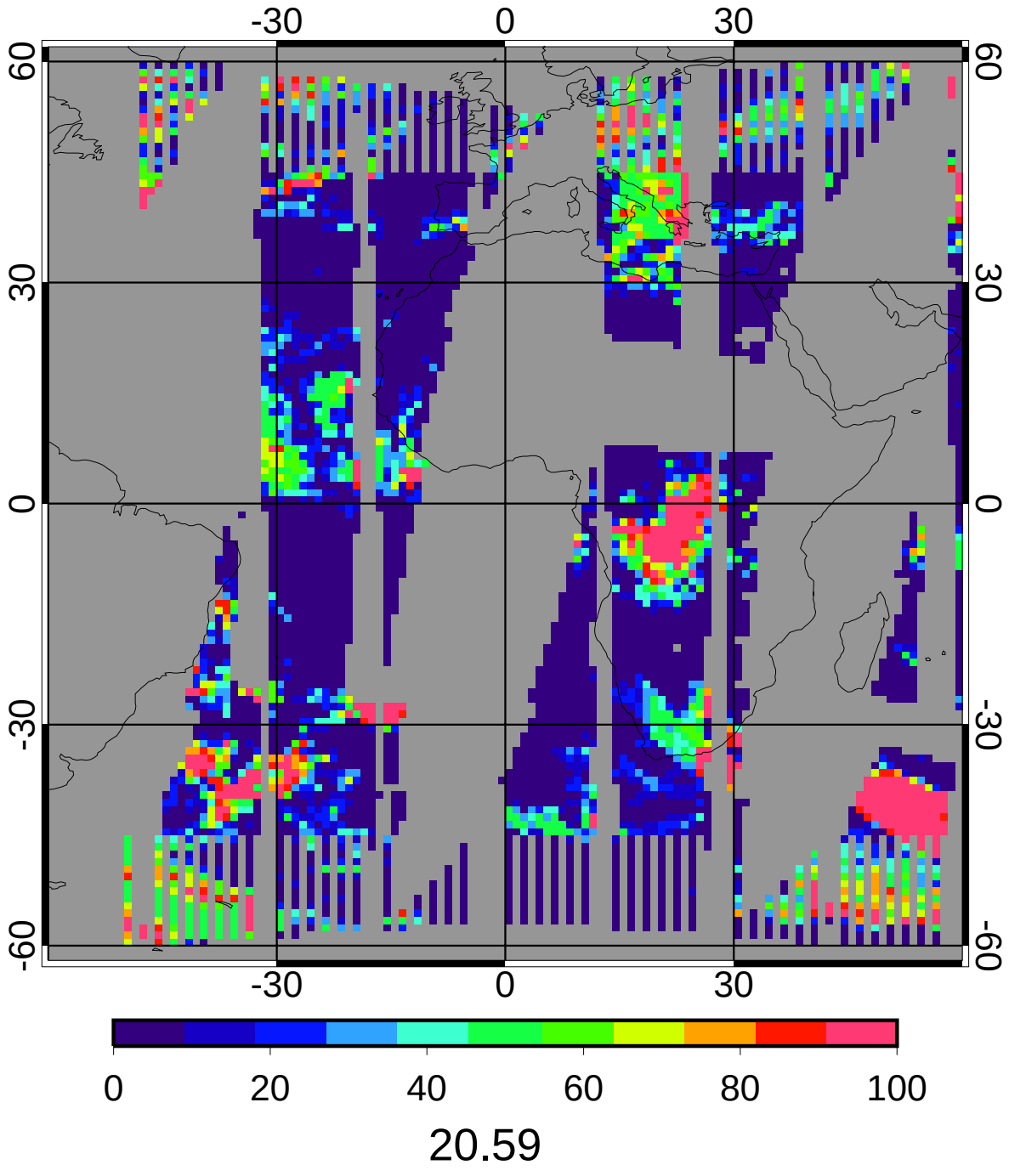
5ch_39cal Oct 2010



regave rms	14.00	34.93%
domain rms	18.02	44.96%

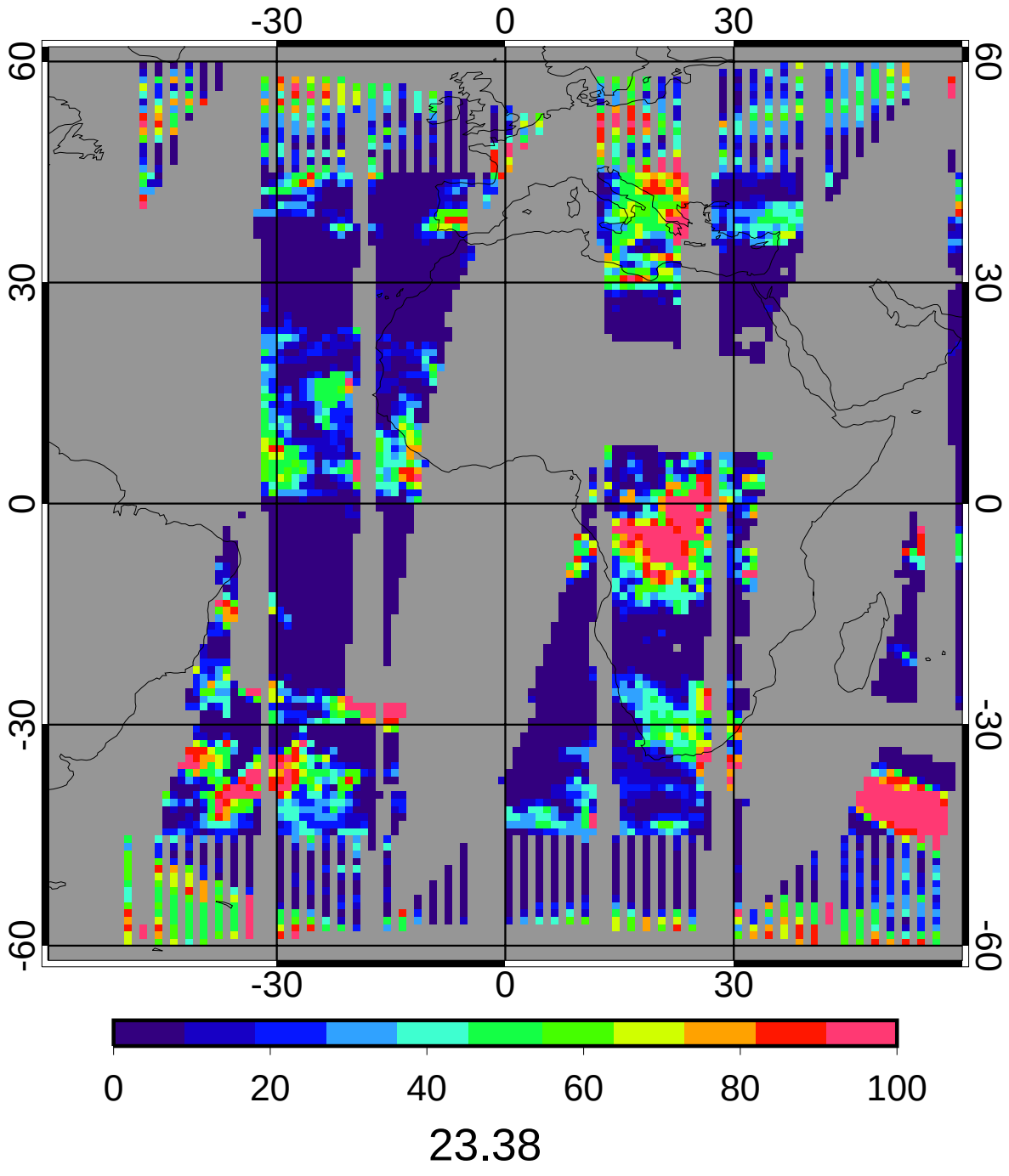
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_39cal Oct 2010



CERES/Terra MEAN Daytime Ice Cld Amt (%)

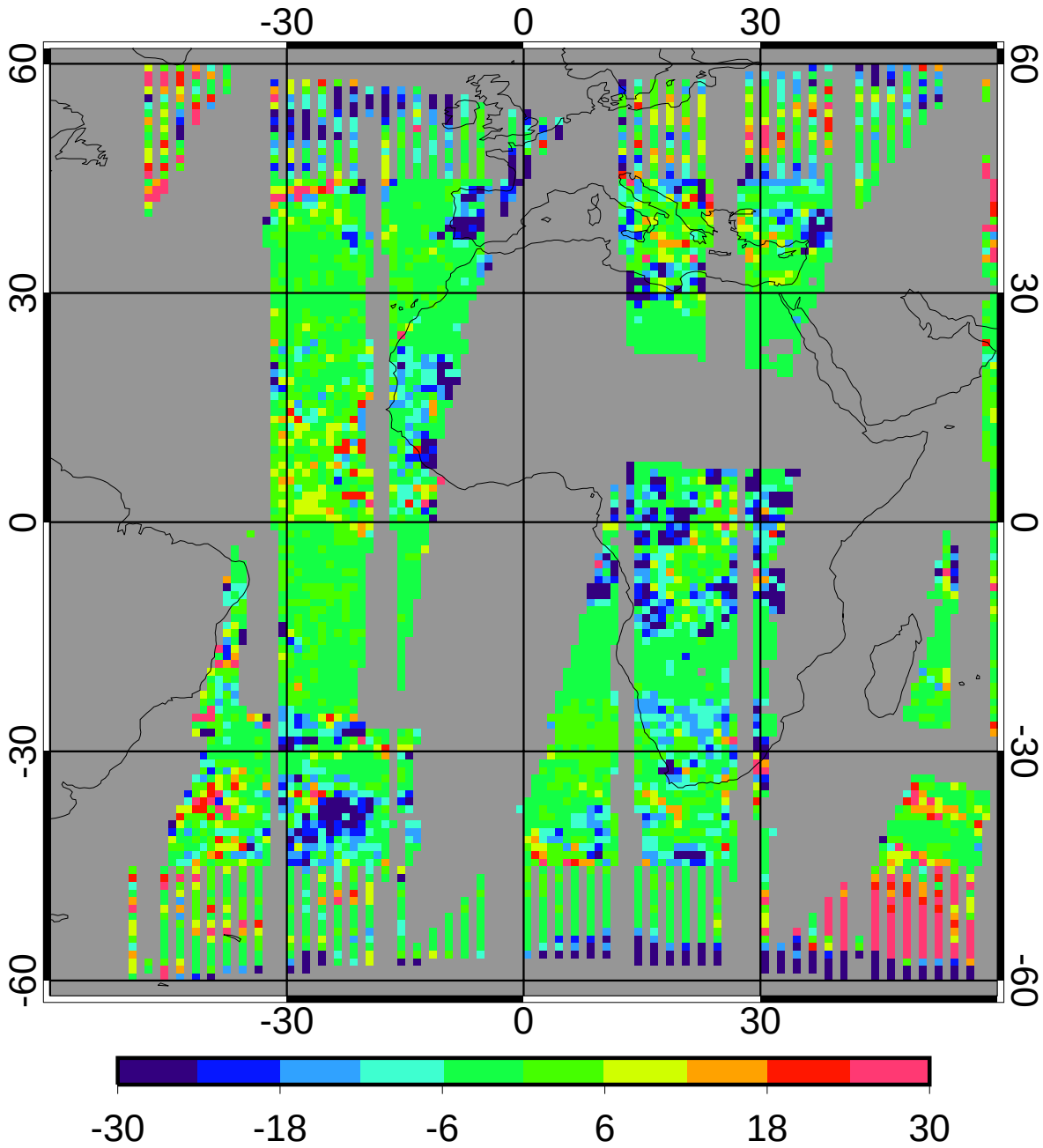
5ch_39cal Oct 2010



23.38

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

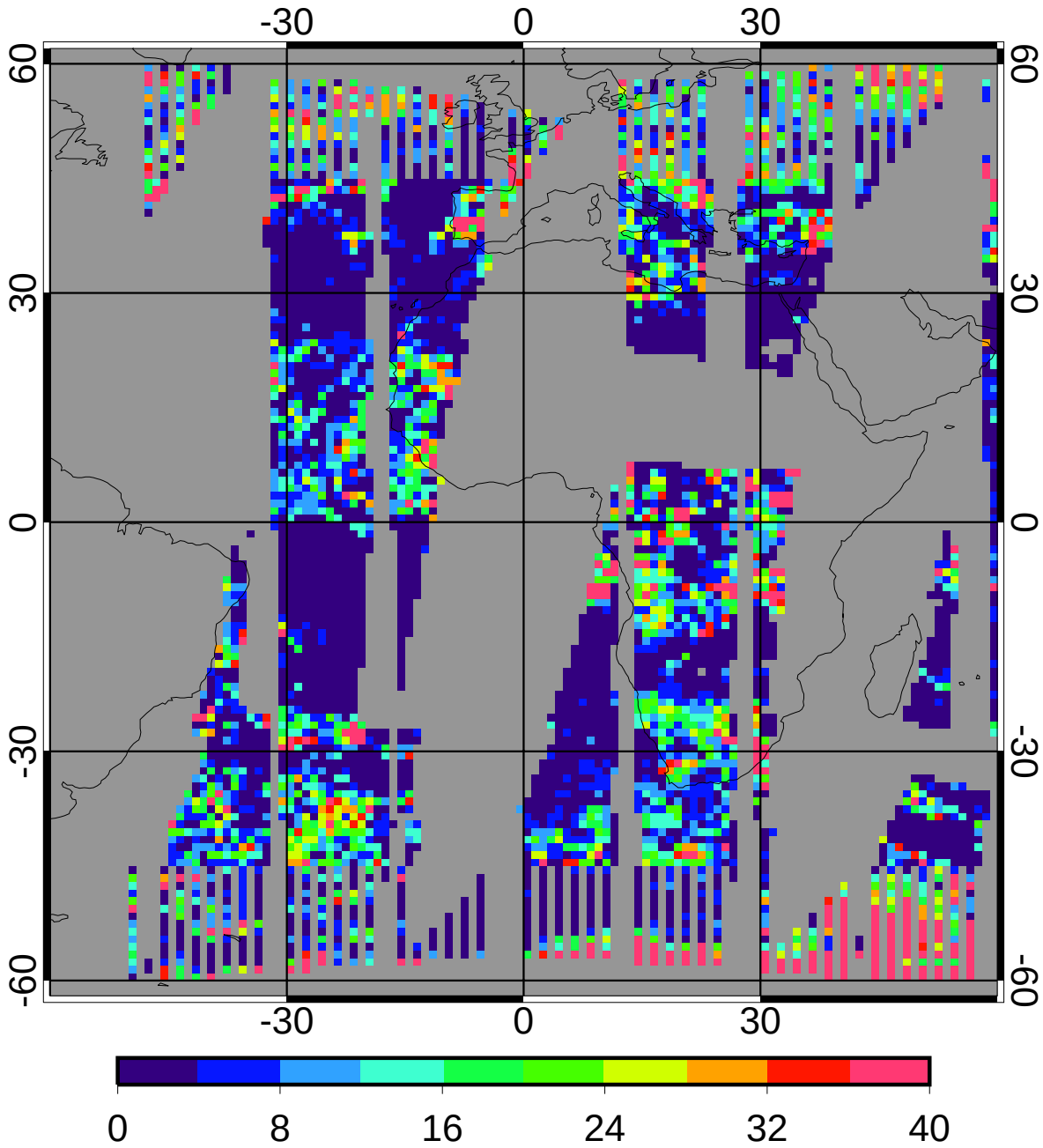
5ch_39cal Oct 2010



bias	-2.79	-11.92%
domain sigma	11.86	50.73%

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

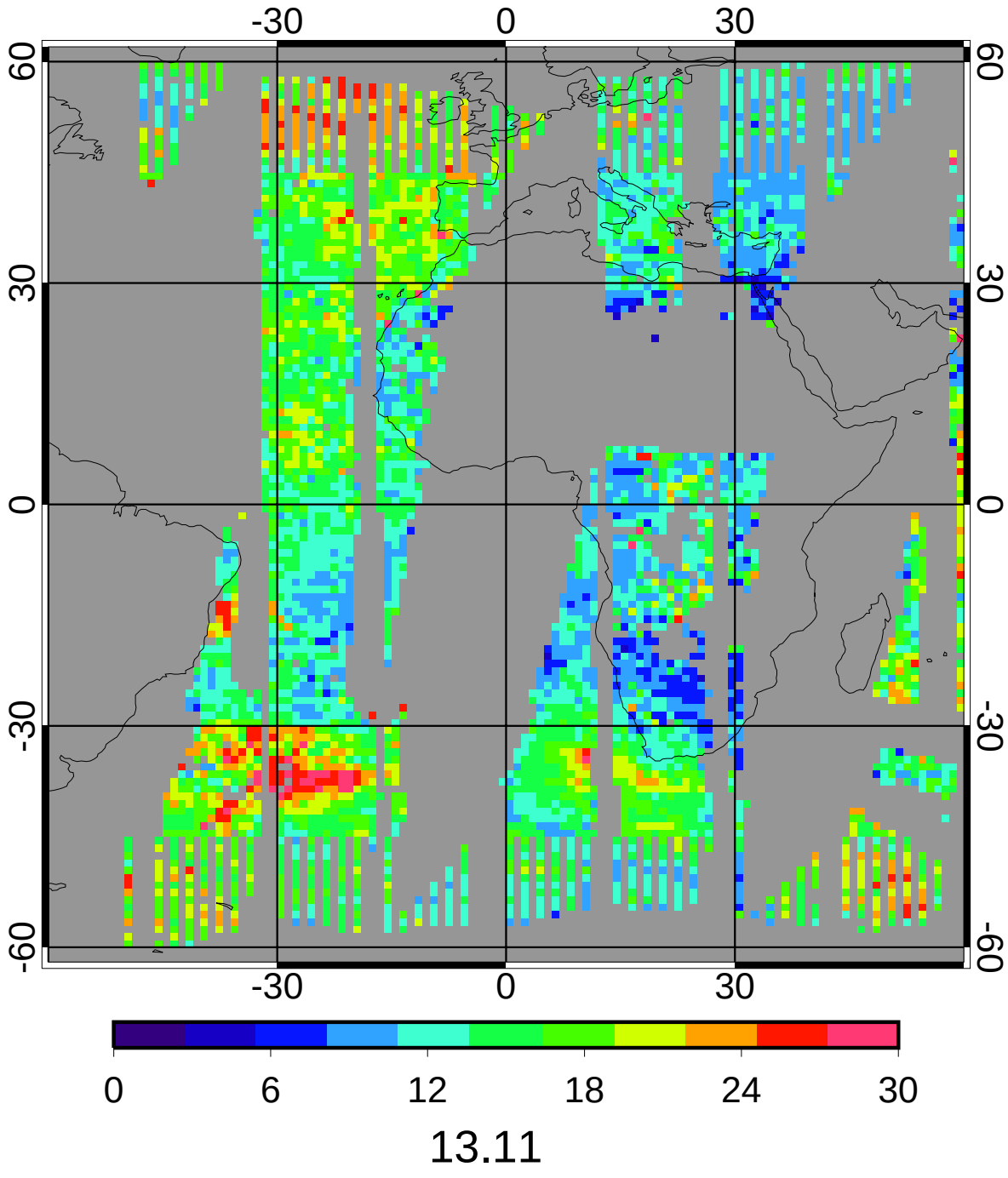
5ch_39cal Oct 2010



regave rms	9.73	41.62%
domain rms	15.00	64.17%

GGEO MEAN Daytime Liquid Particle Size (microns)

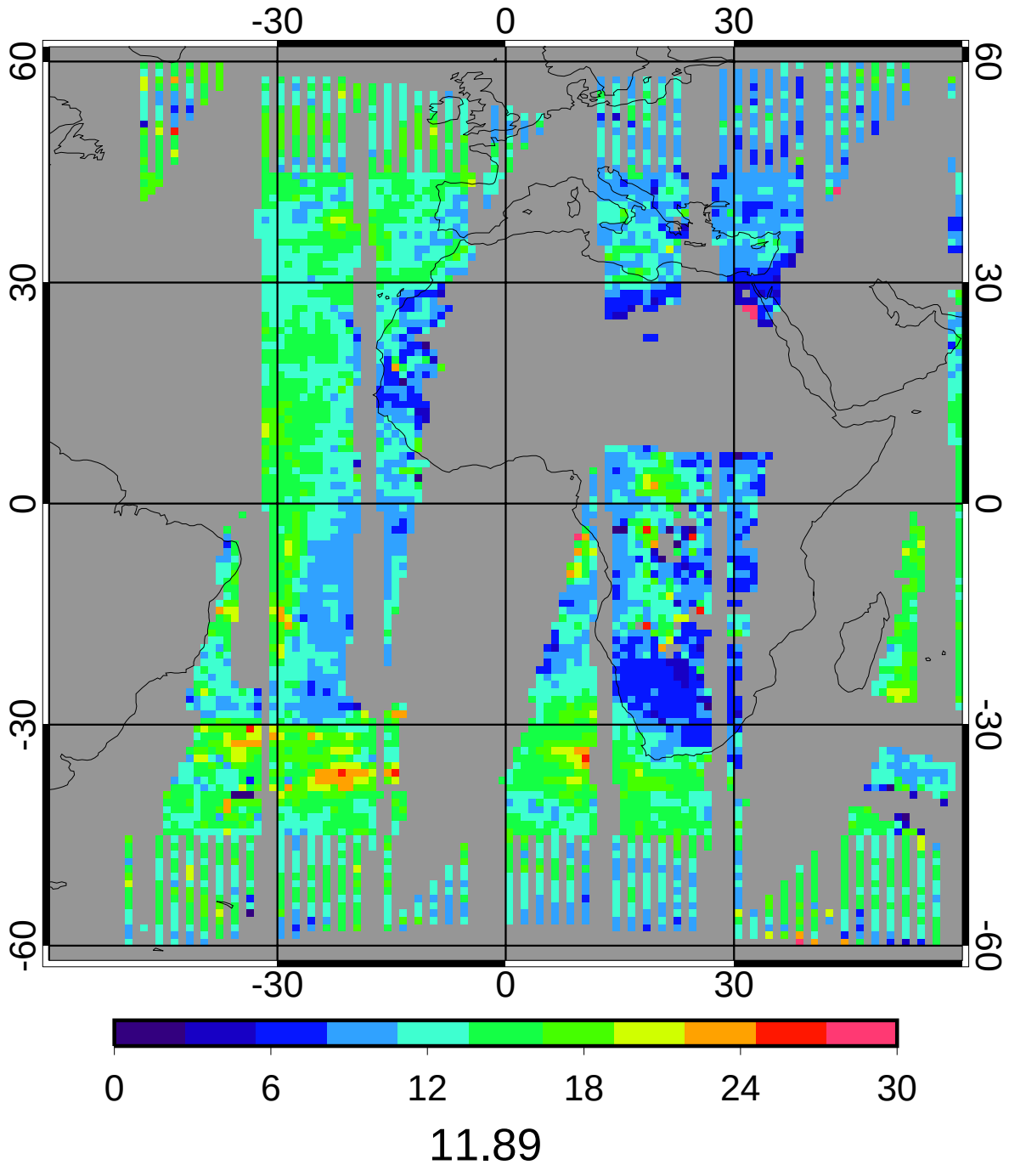
5ch_39cal Oct 2010



13.11

CERES/Terra MEAN Daytime Liquid Particle Size (microns)

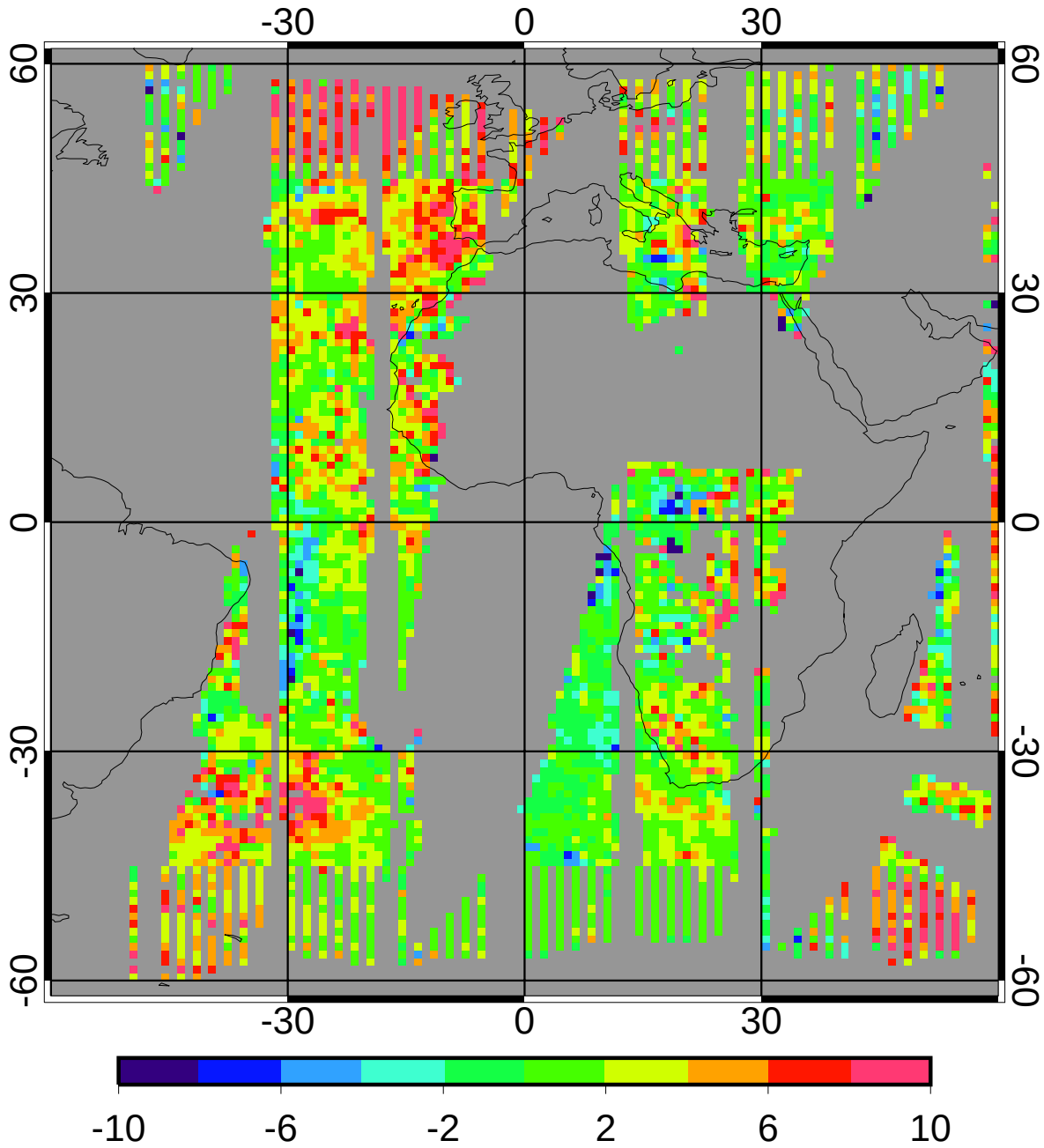
5ch_39cal Oct 2010



11.89

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

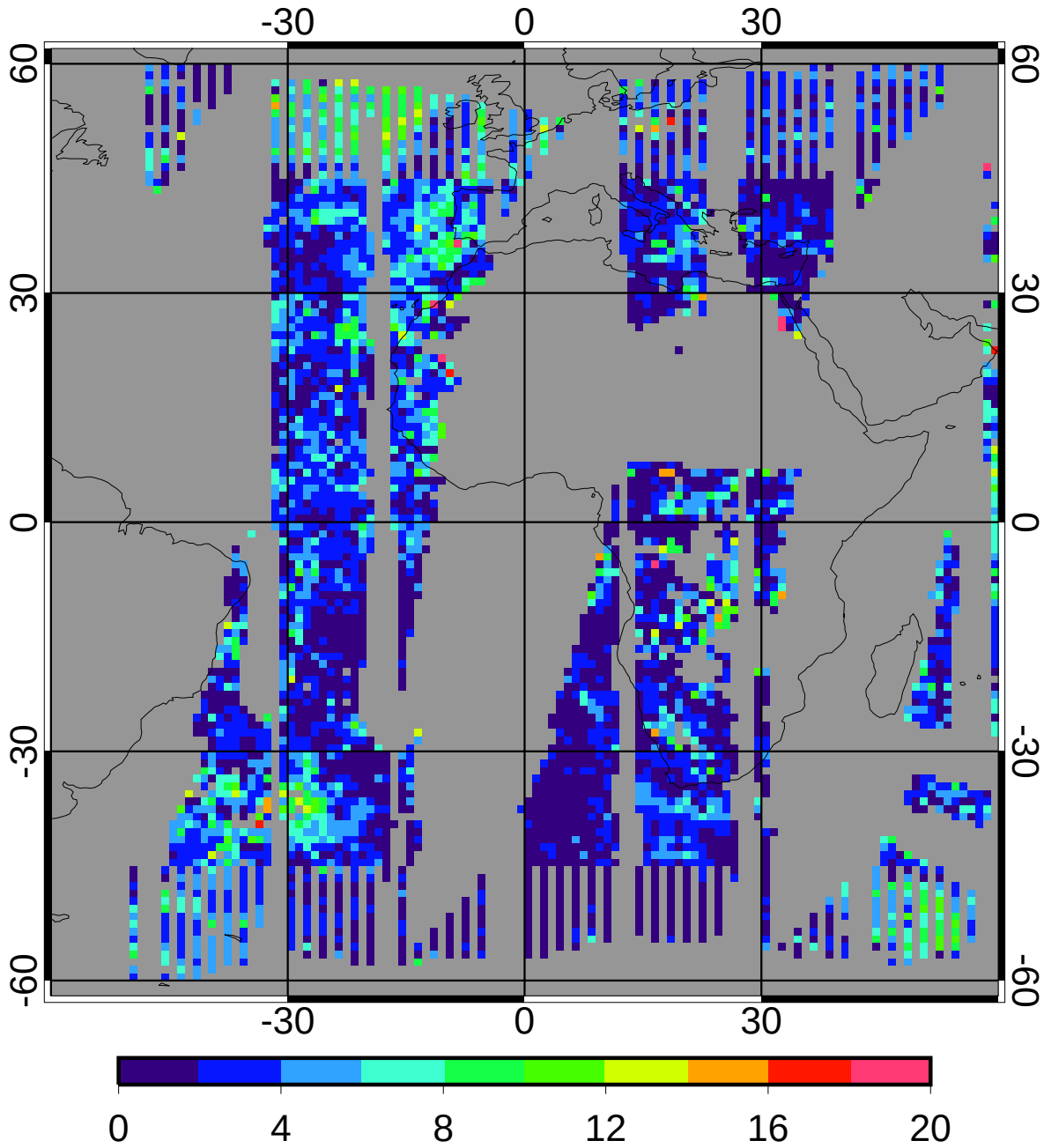
5ch_39cal Oct 2010



bias	1.90	15.95%
domain sigma	2.84	23.88%

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

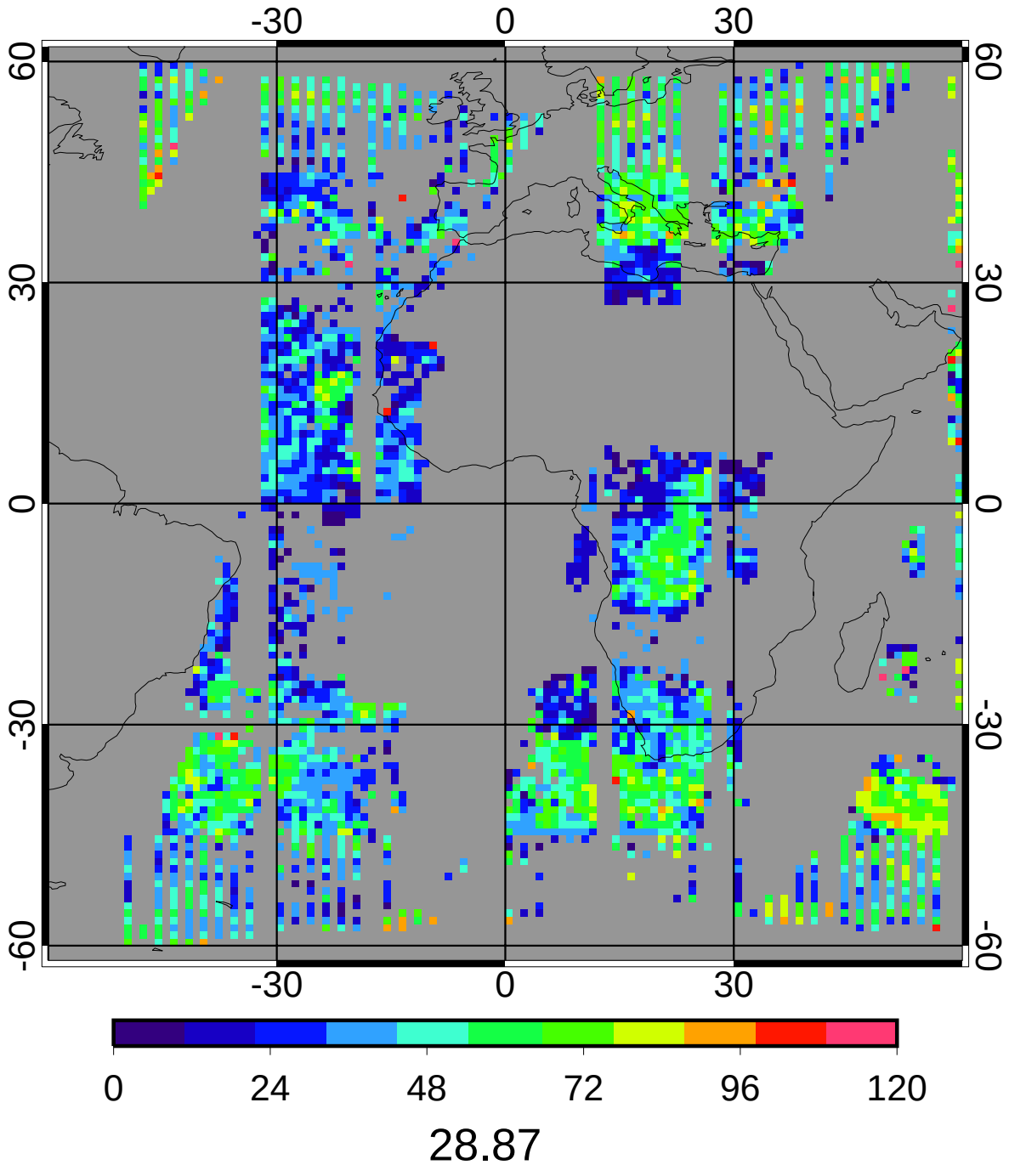
5ch_39cal Oct 2010



regave rms	2.88	24.23%
domain rms	3.71	31.17%

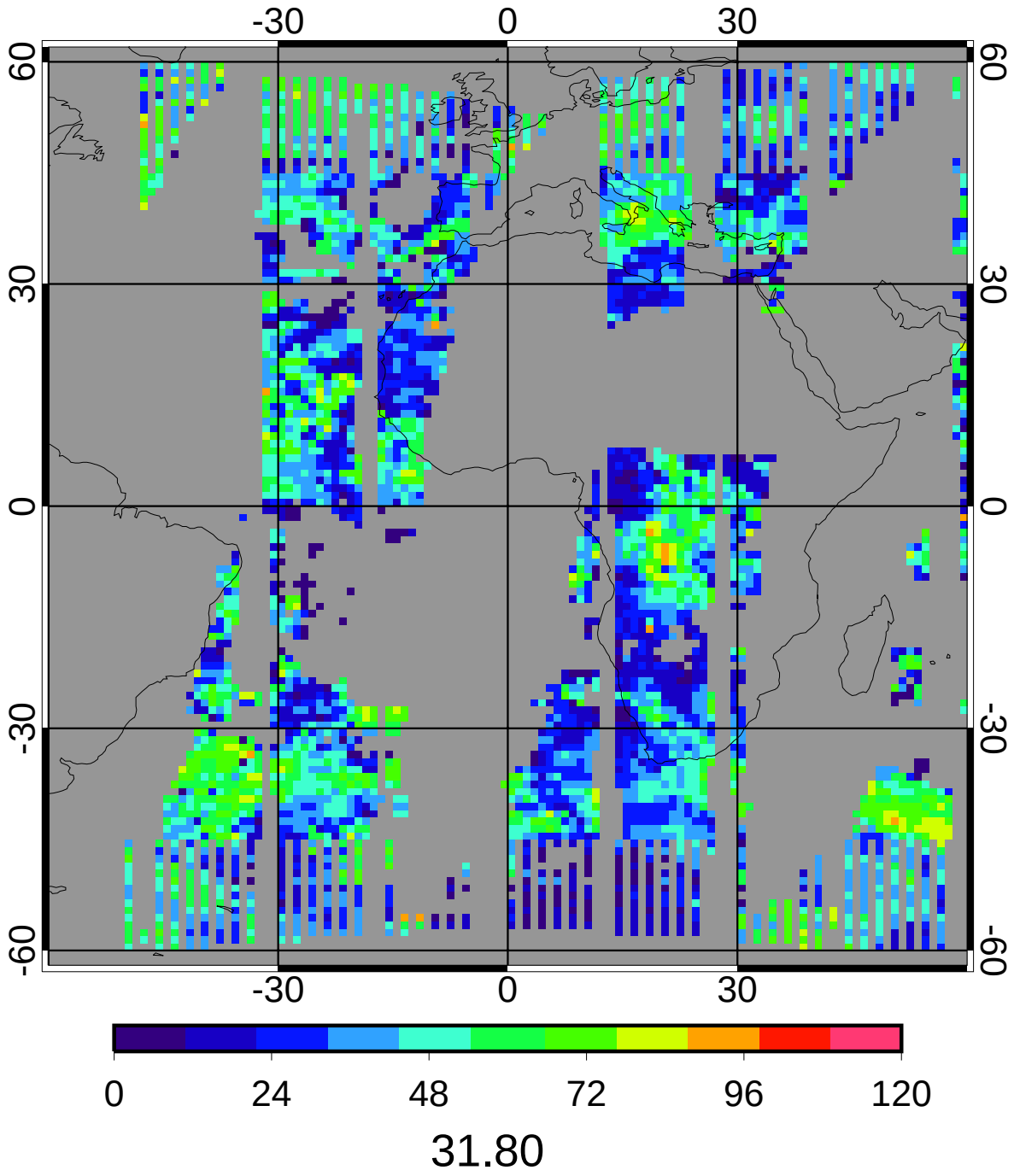
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_39cal Oct 2010



CERES/Terra MEAN Daytime Ice Particle Size (microns)

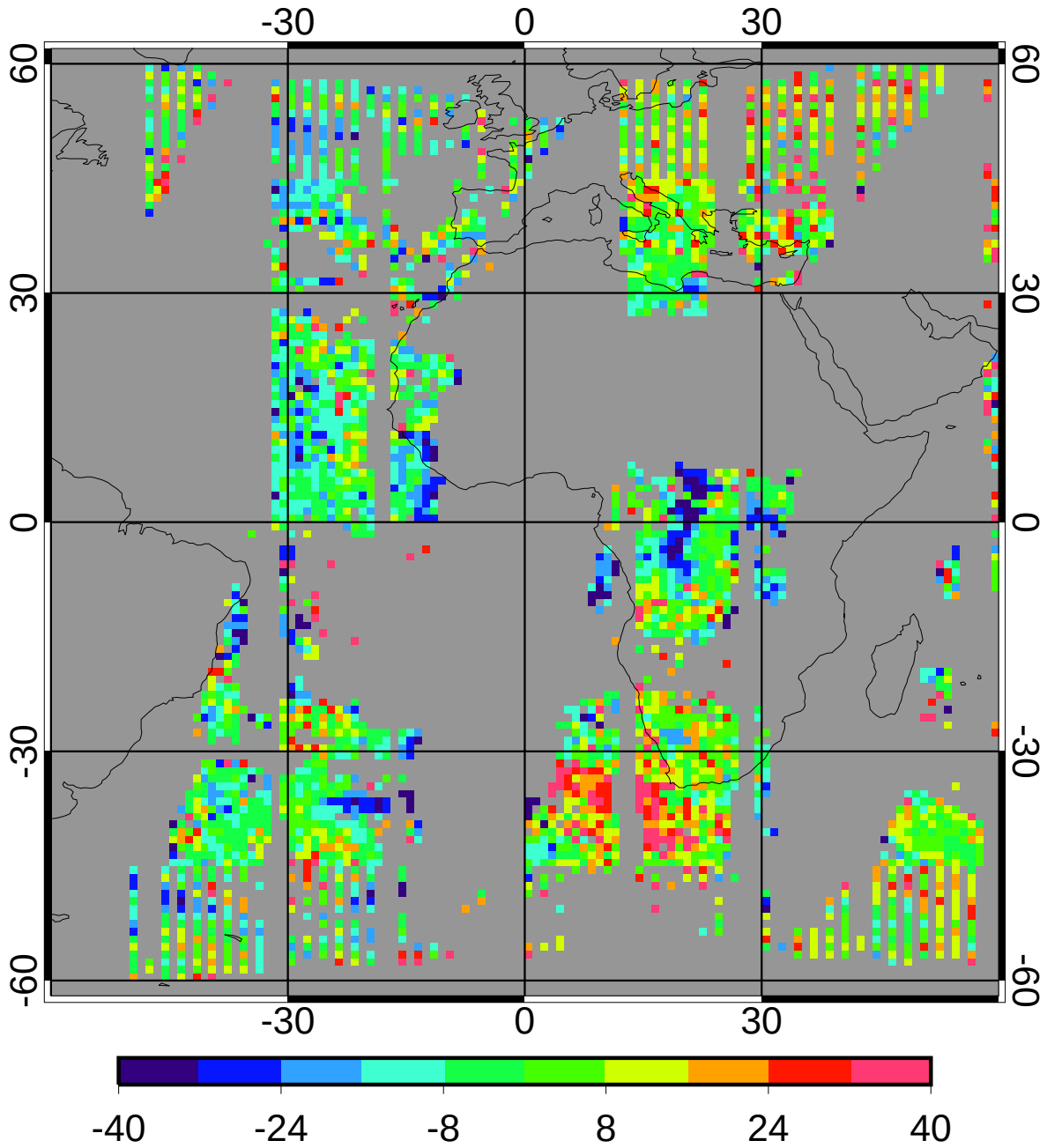
5ch_39cal Oct 2010



31.80

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

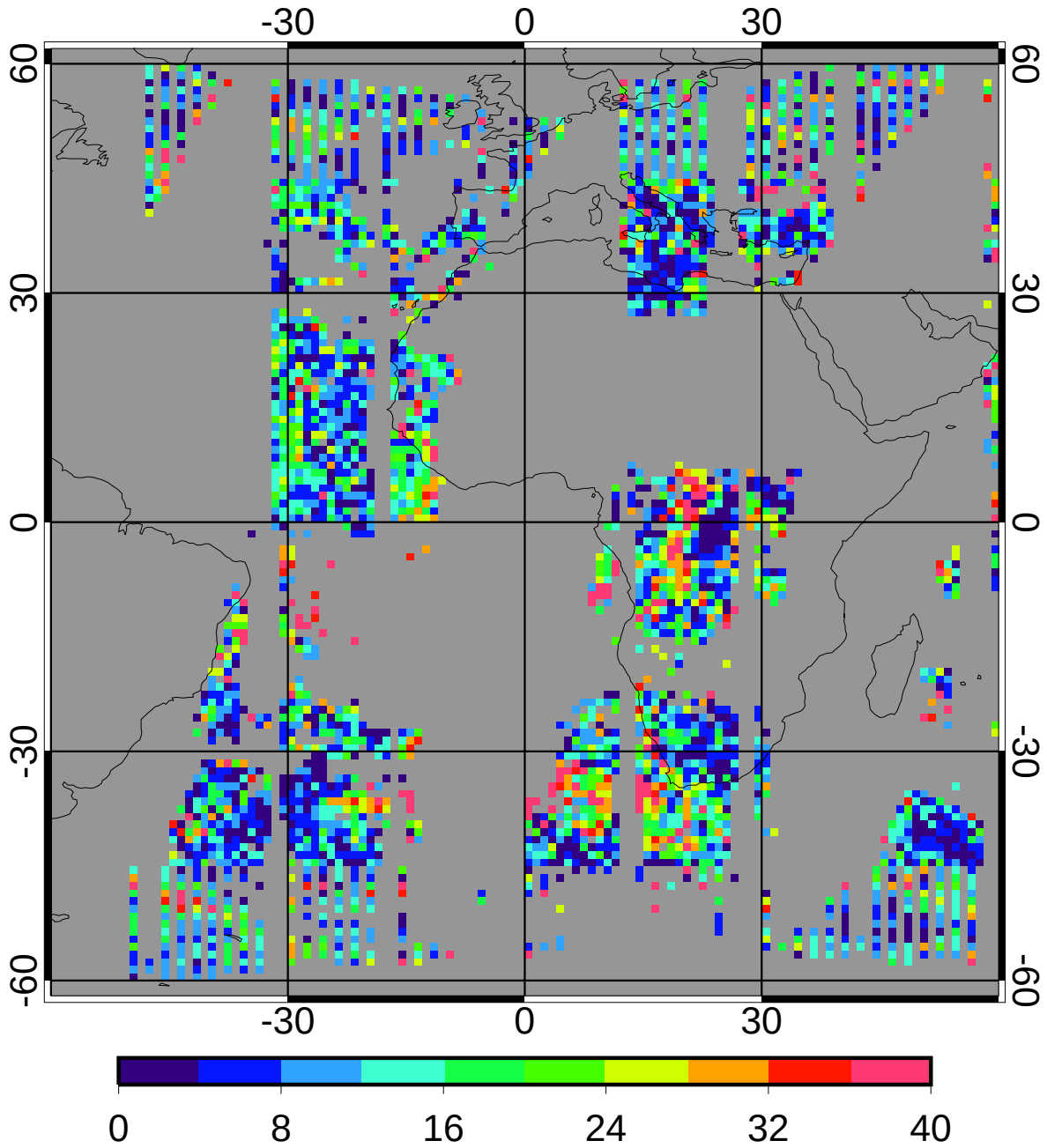
5ch_39cal Oct 2010



bias	0.08	0.25%
domain sigma	15.34	48.25%

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

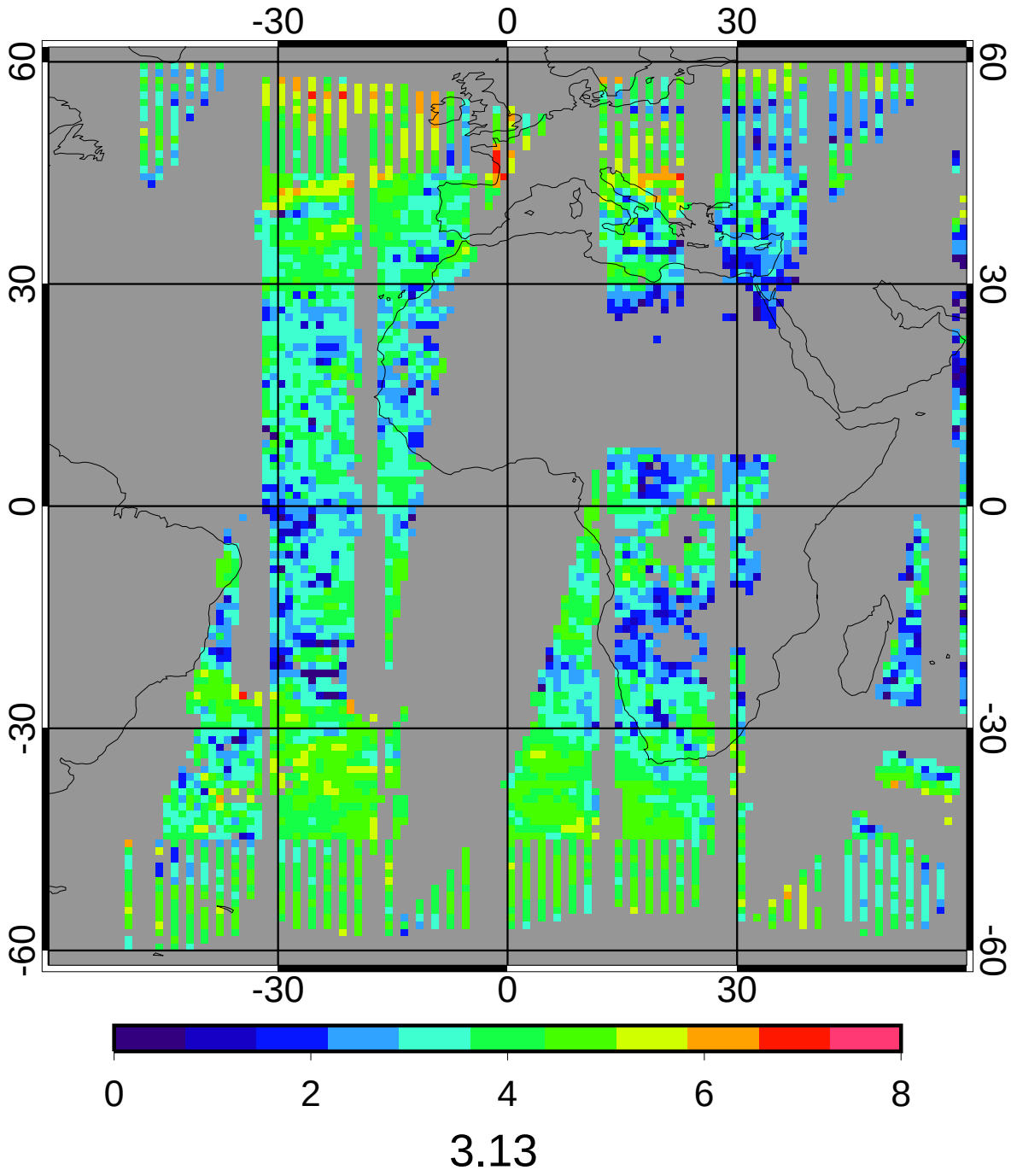
5ch_39cal Oct 2010



regave rms	9.30	29.24%
domain rms	17.01	53.49%

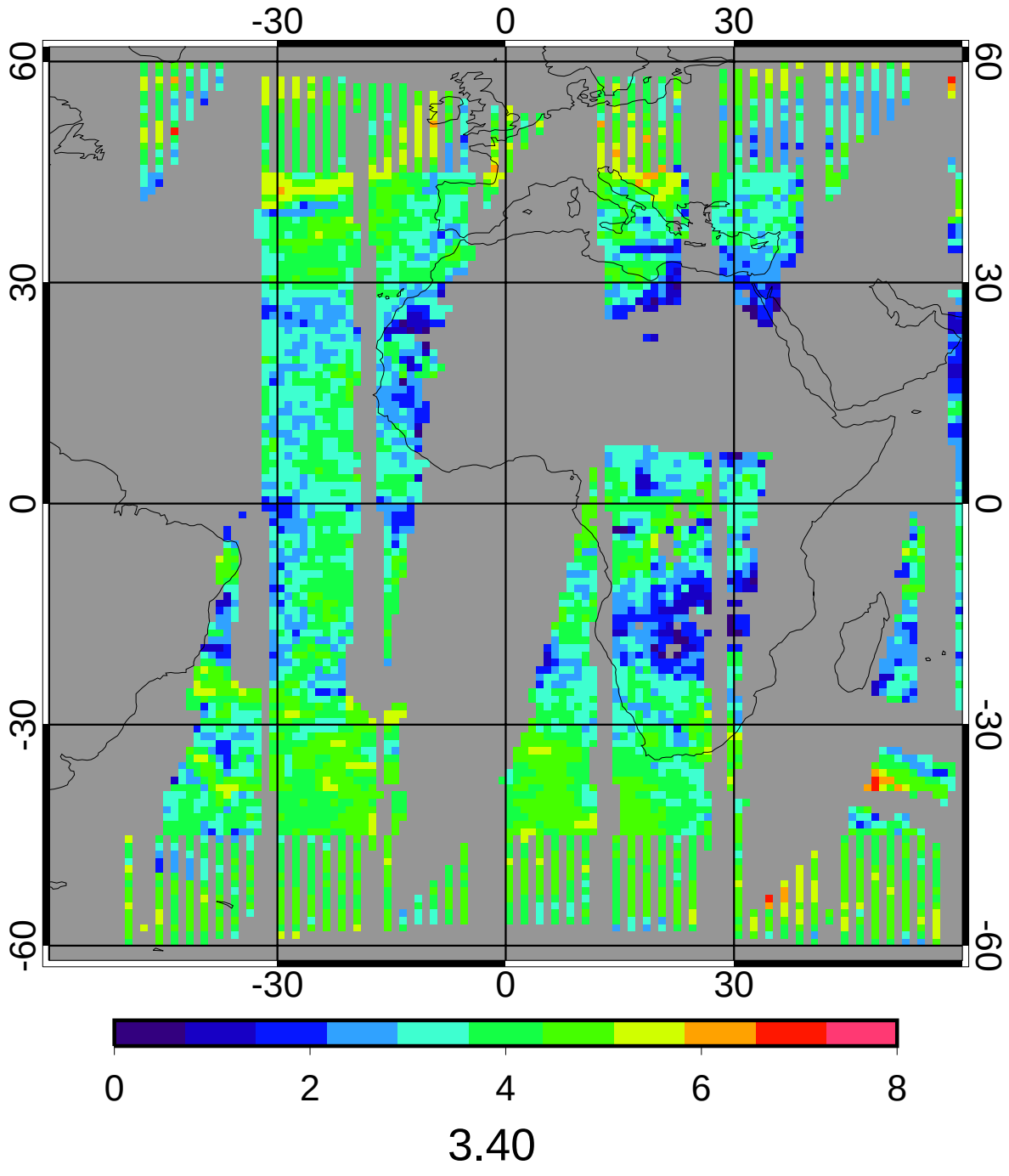
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010



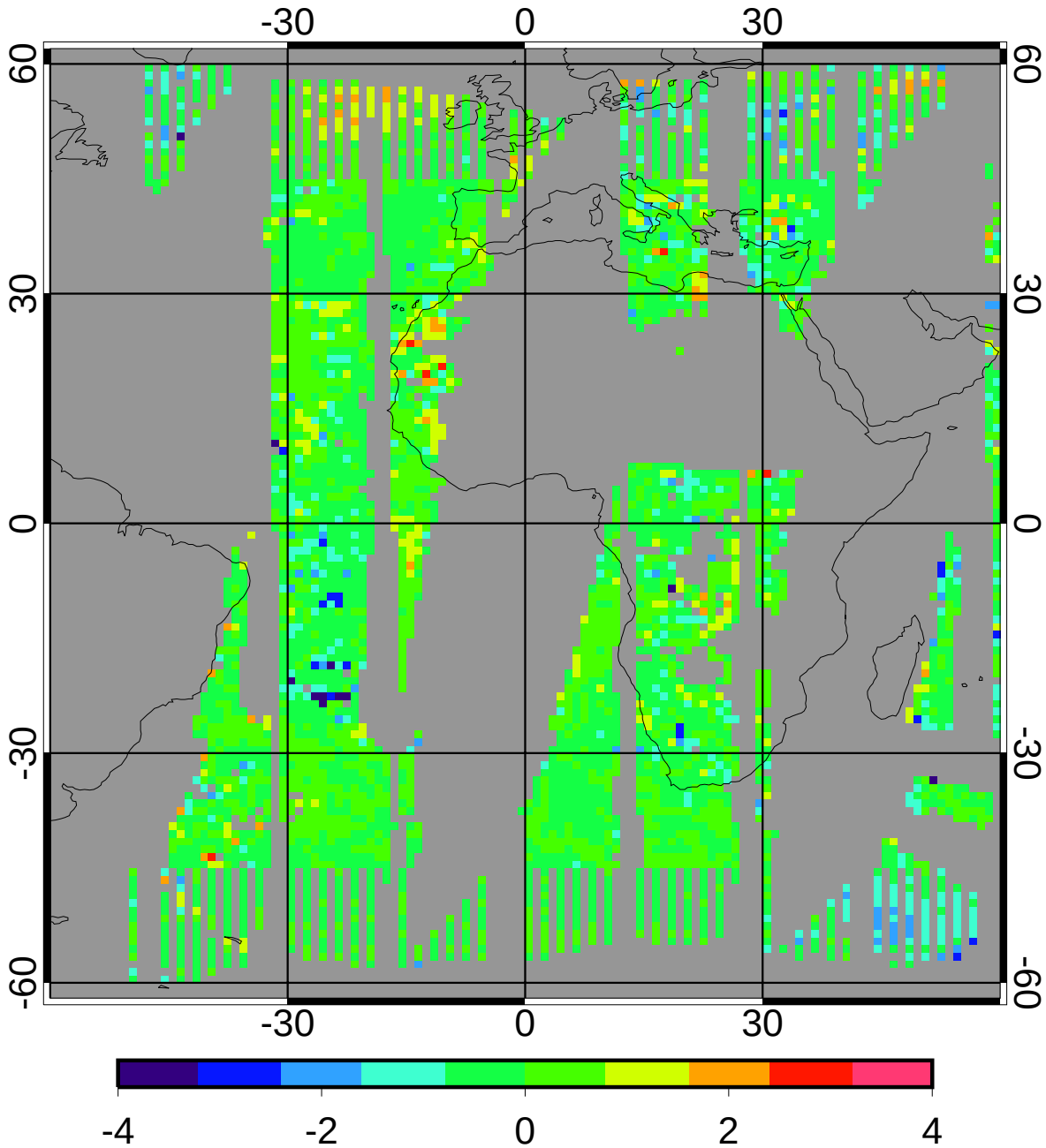
CERES/Terra MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010



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

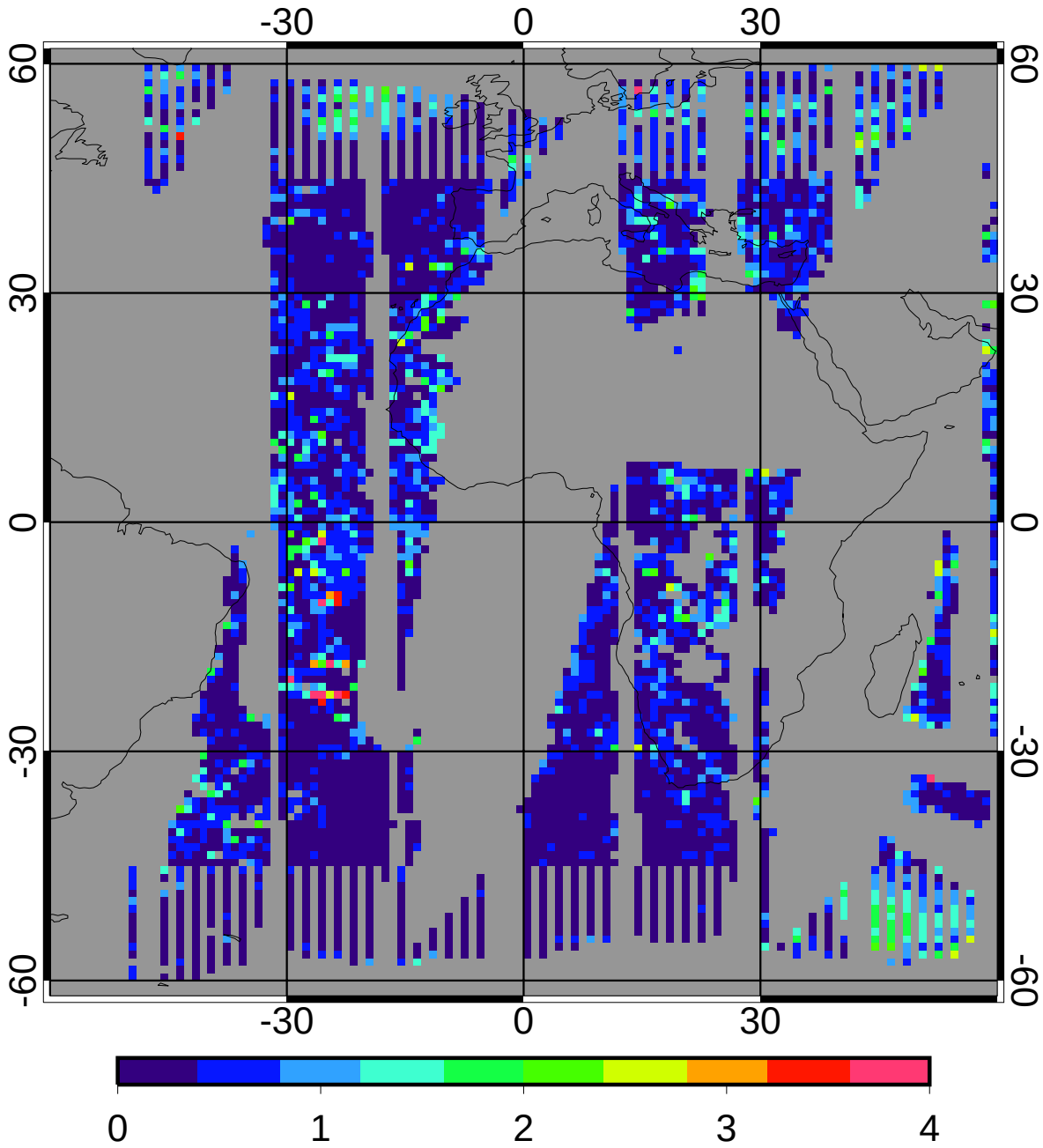
5ch_39cal Oct 2010



bias	-0.08	-2.46%
domain sigma	0.55	16.14%

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

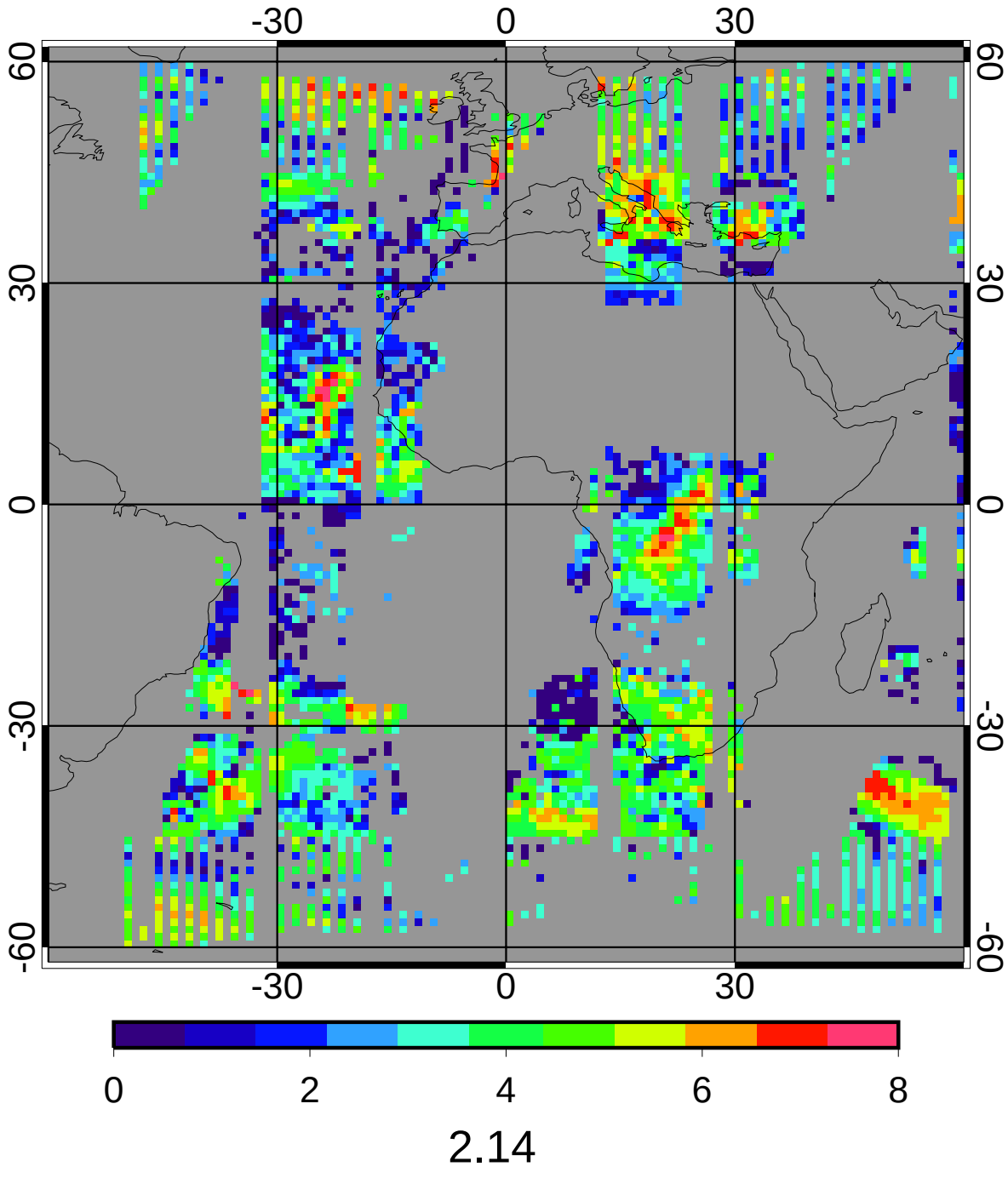
5ch_39cal Oct 2010



regave rms	0.41	12.14%
domain rms	0.61	17.95%

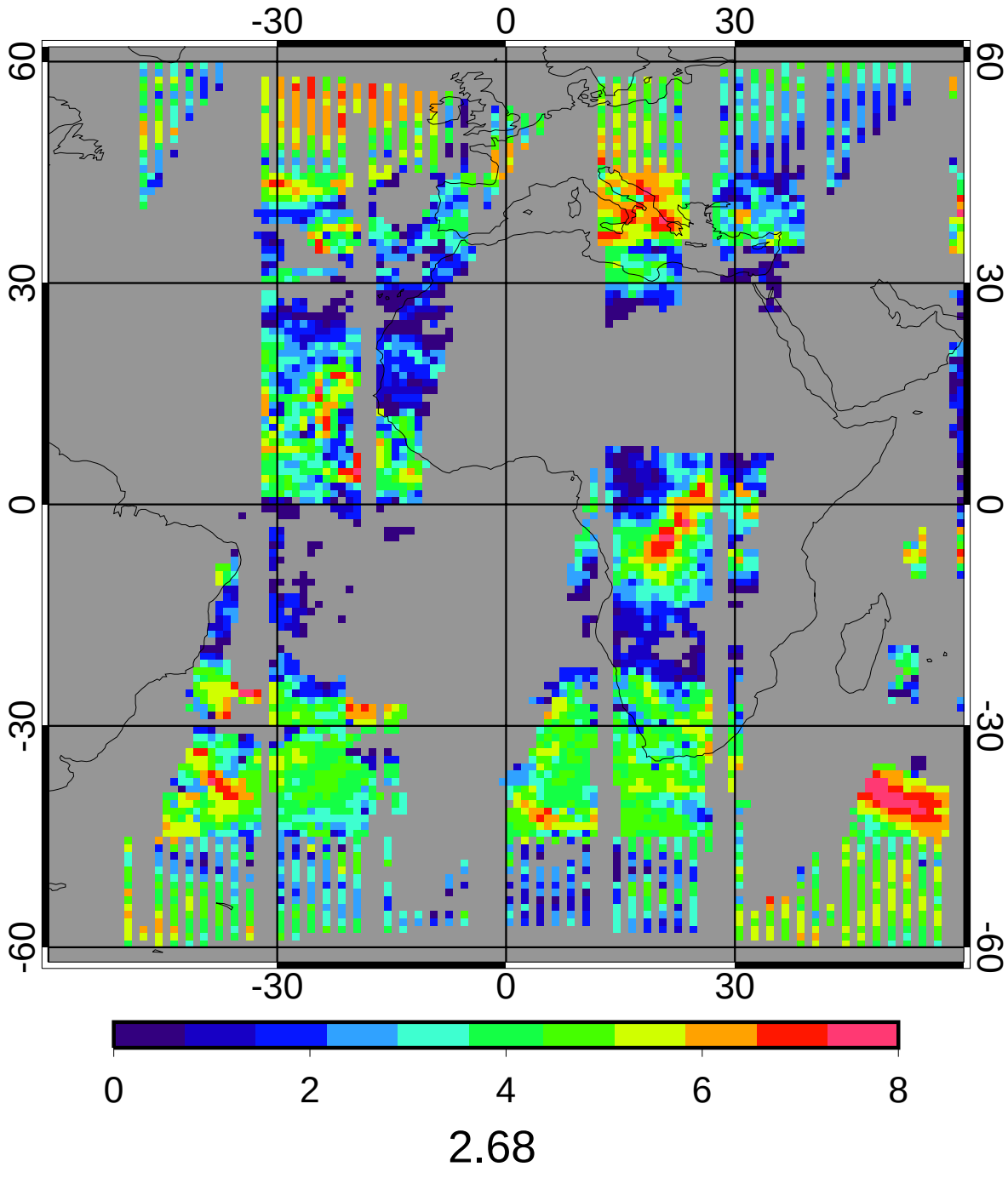
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010



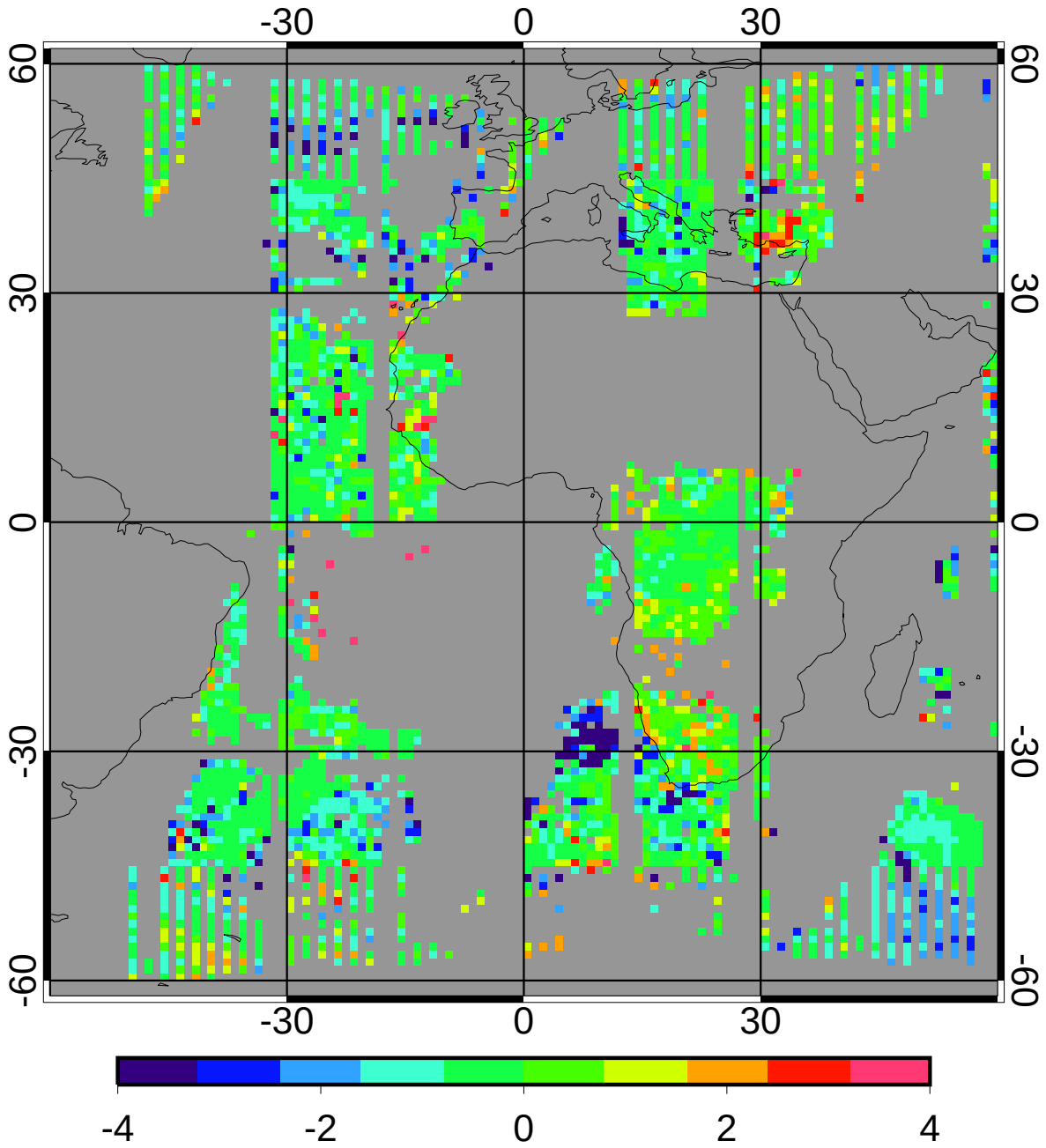
CERES/Terra MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010



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

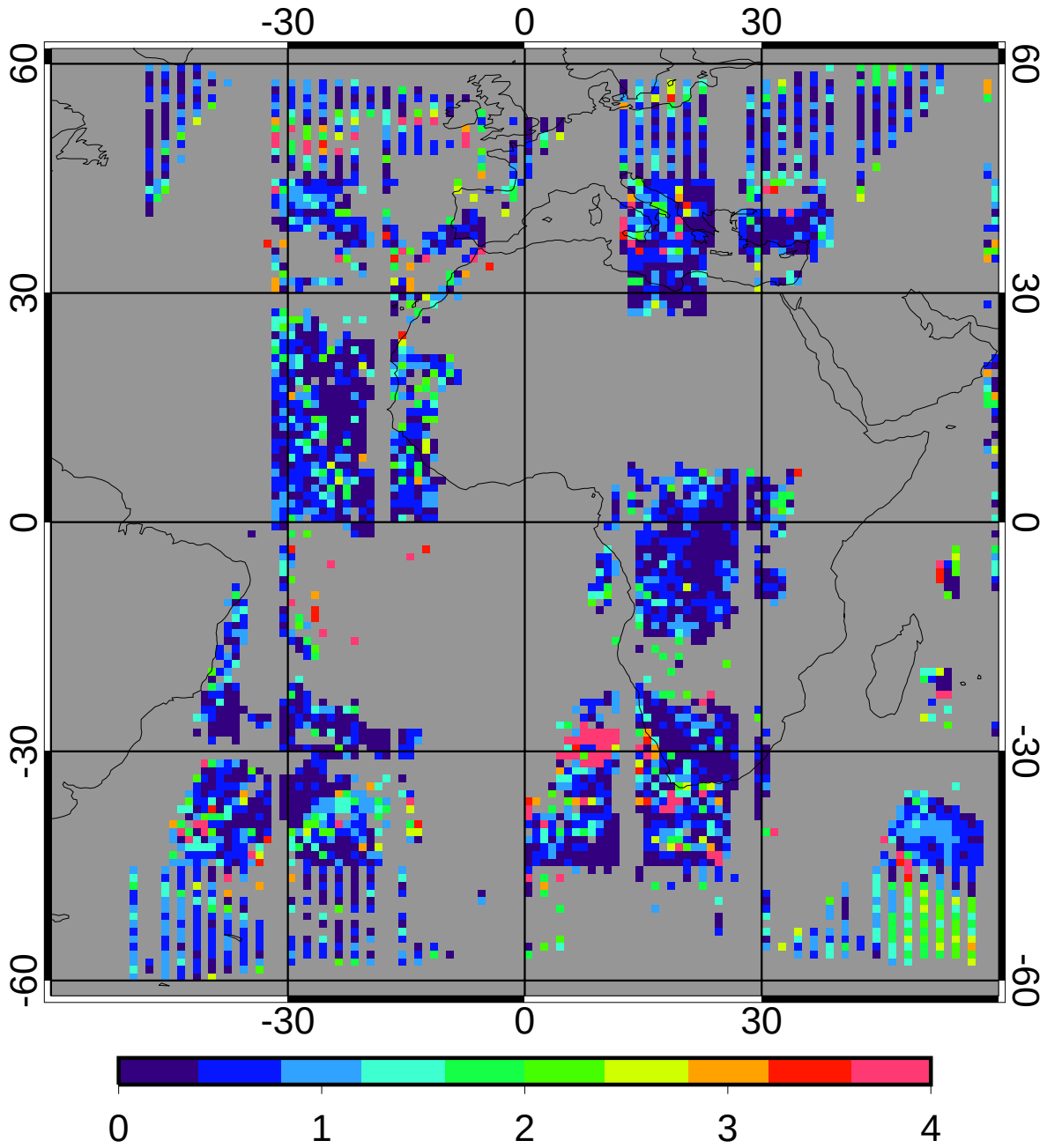
5ch_39cal Oct 2010



bias	-0.26	-9.90%
domain sigma	1.08	40.47%

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

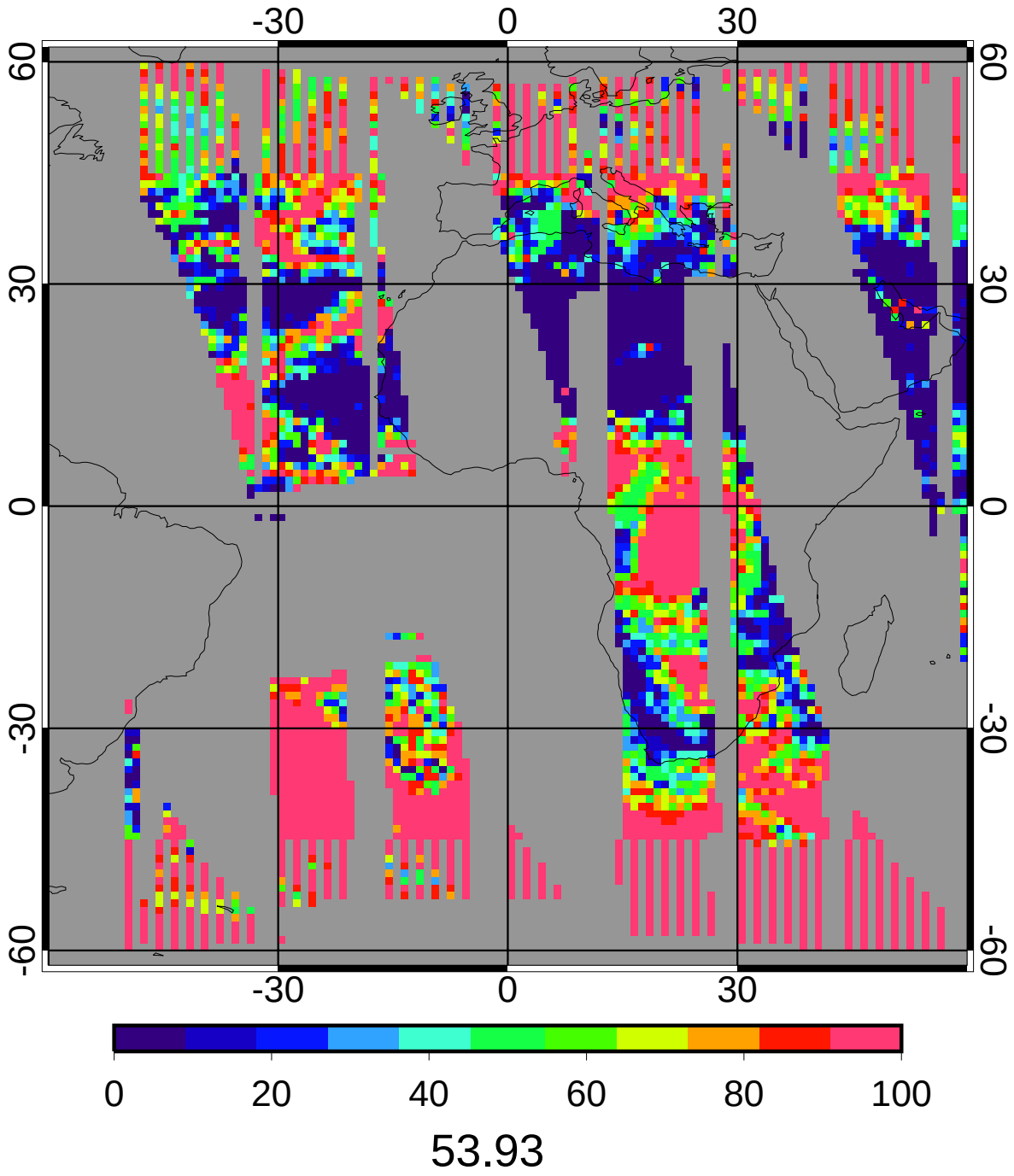
5ch_39cal Oct 2010



regave rms	0.56	20.97%
domain rms	1.18	44.10%

GGEO MEAN Nighttime Cloud Amount (%)

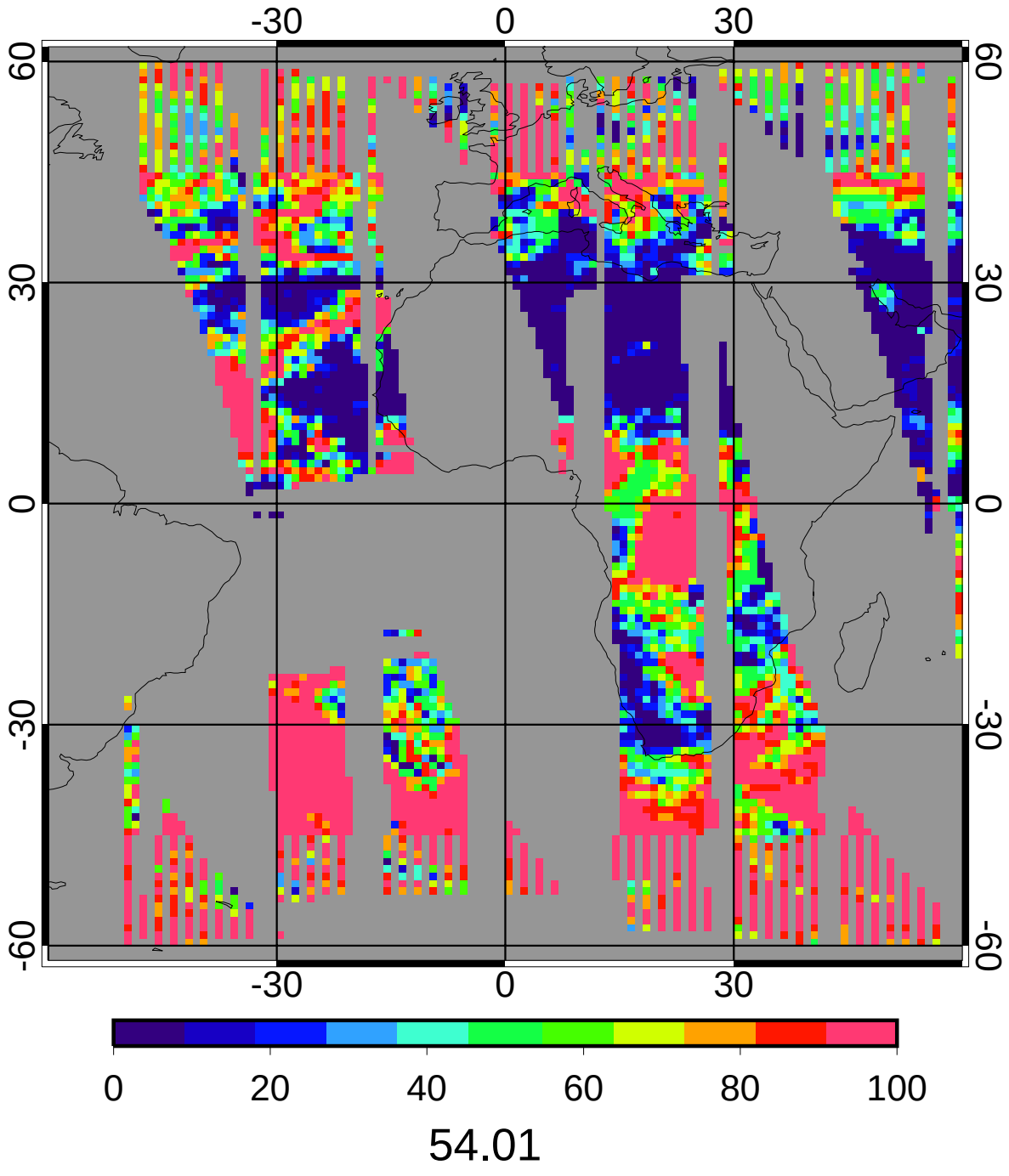
5ch_39cal Oct 2010



53.93

CERES/Terra MEAN Nighttime Cloud Amount (%)

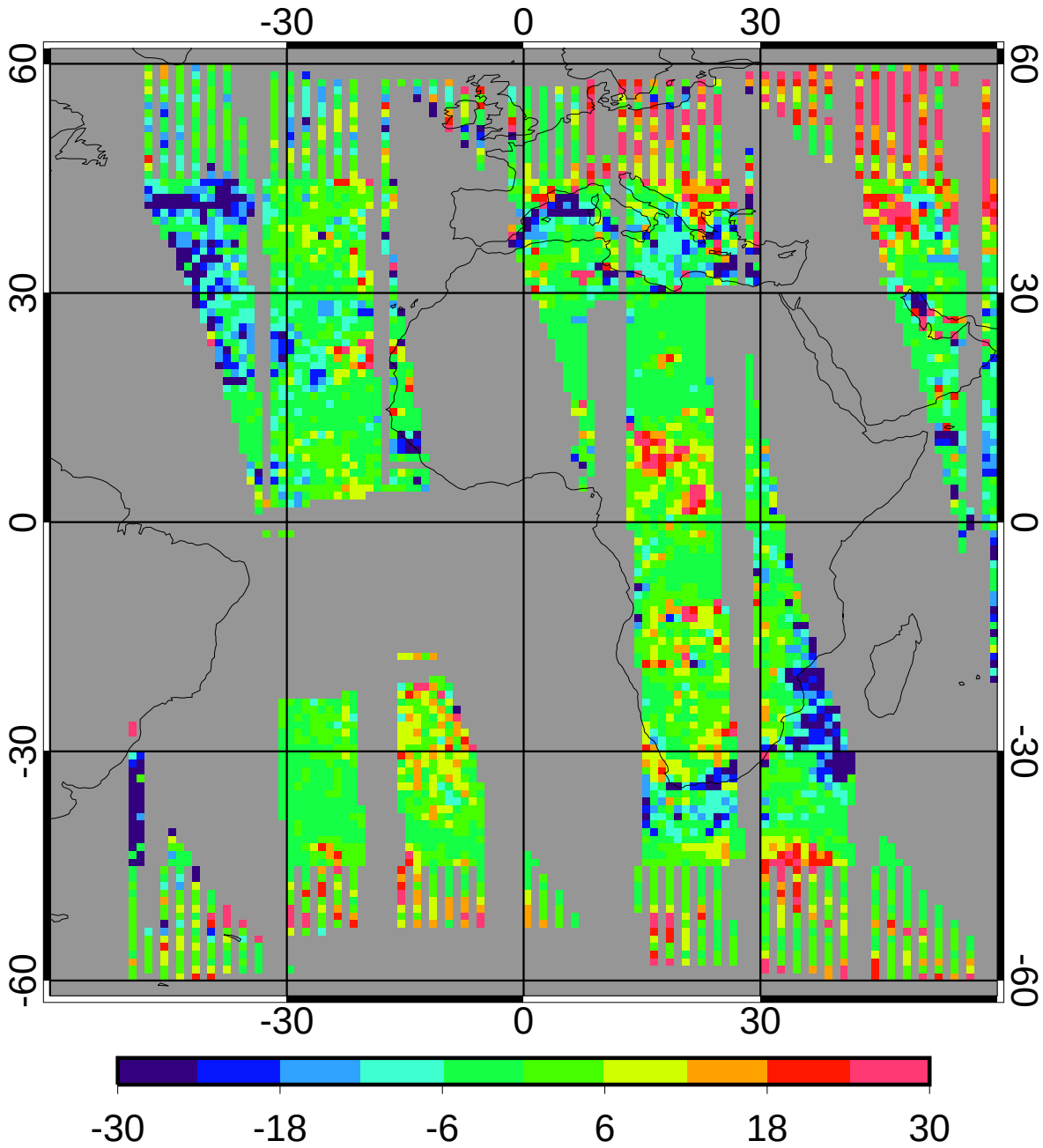
5ch_39cal Oct 2010



54.01

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

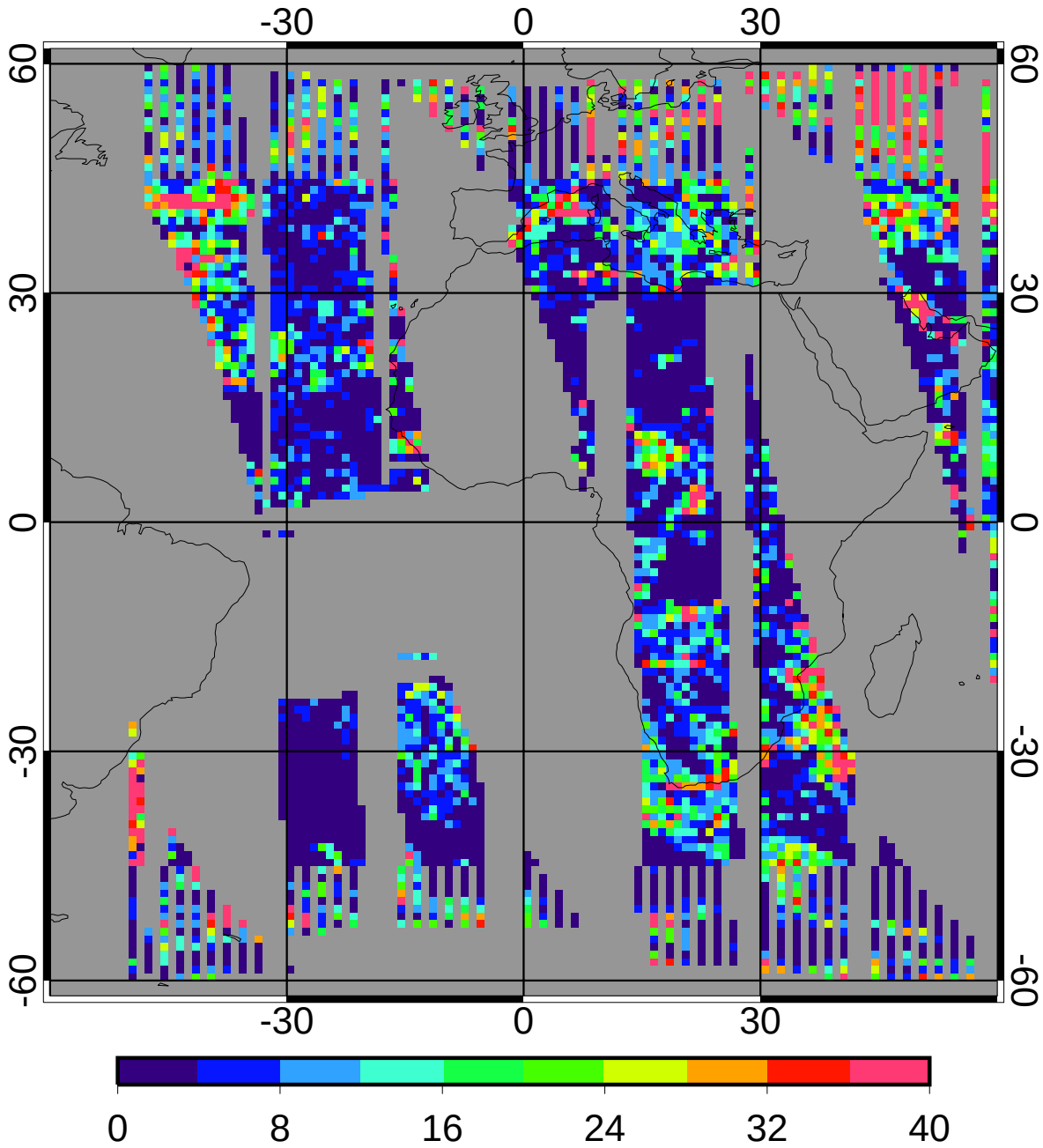
5ch_39cal Oct 2010



bias	-0.08	-0.16%
domain sigma	11.70	21.66%

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

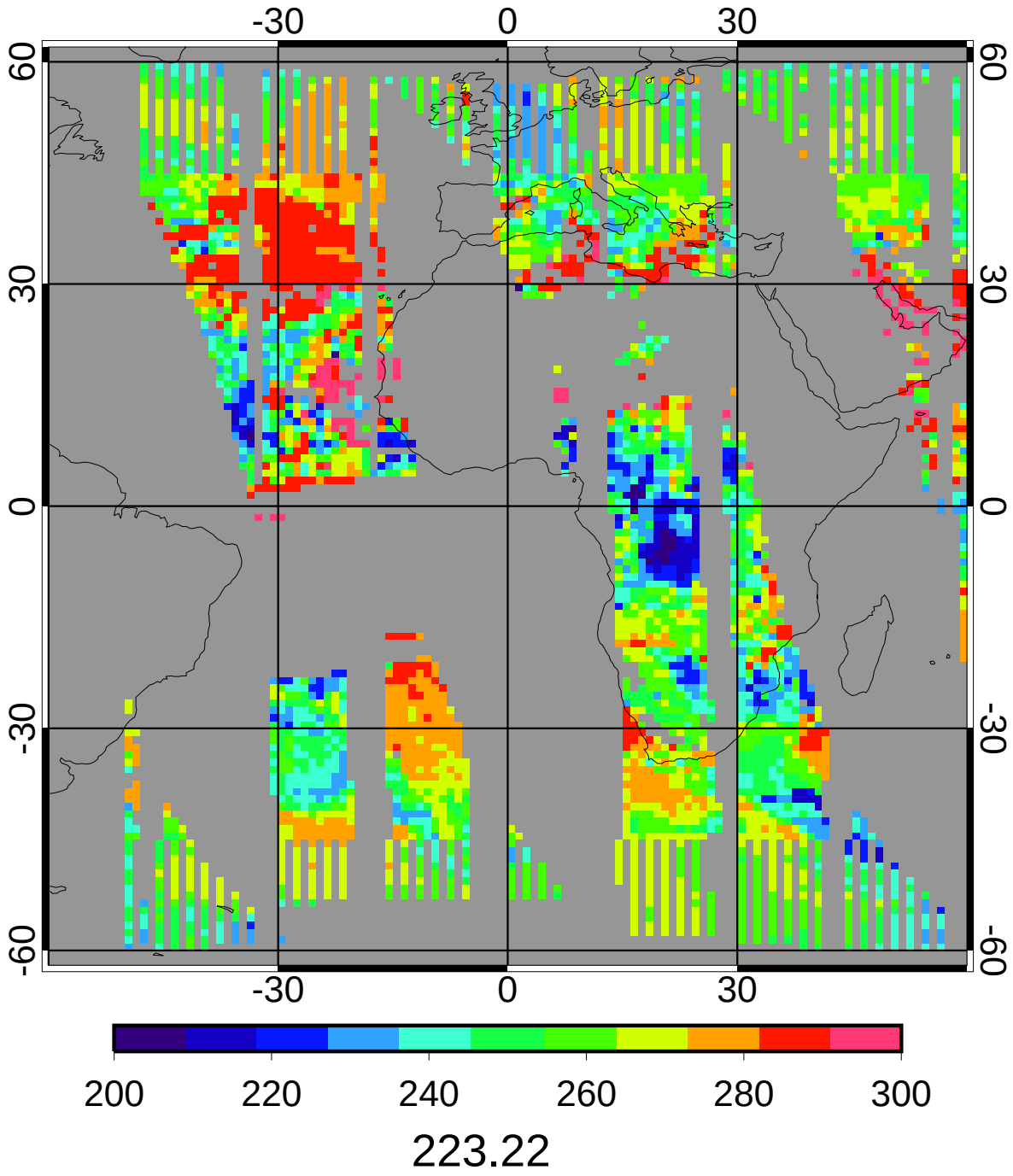
5ch_39cal Oct 2010



regave rms	9.60	17.78%
domain rms	15.24	28.22%

GGEO MEAN Nighttime Cloud Temperature (K)

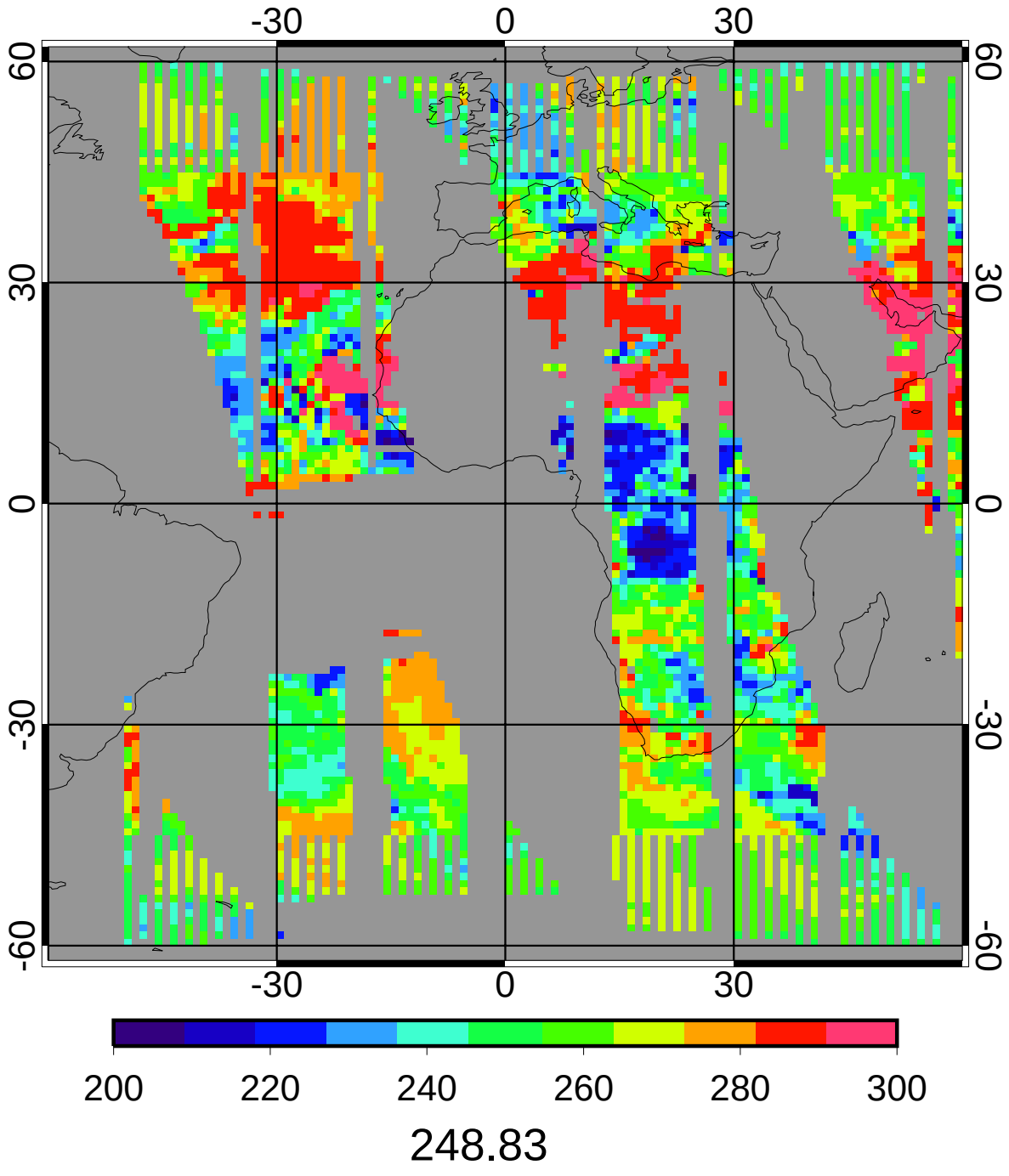
5ch_39cal Oct 2010



223.22

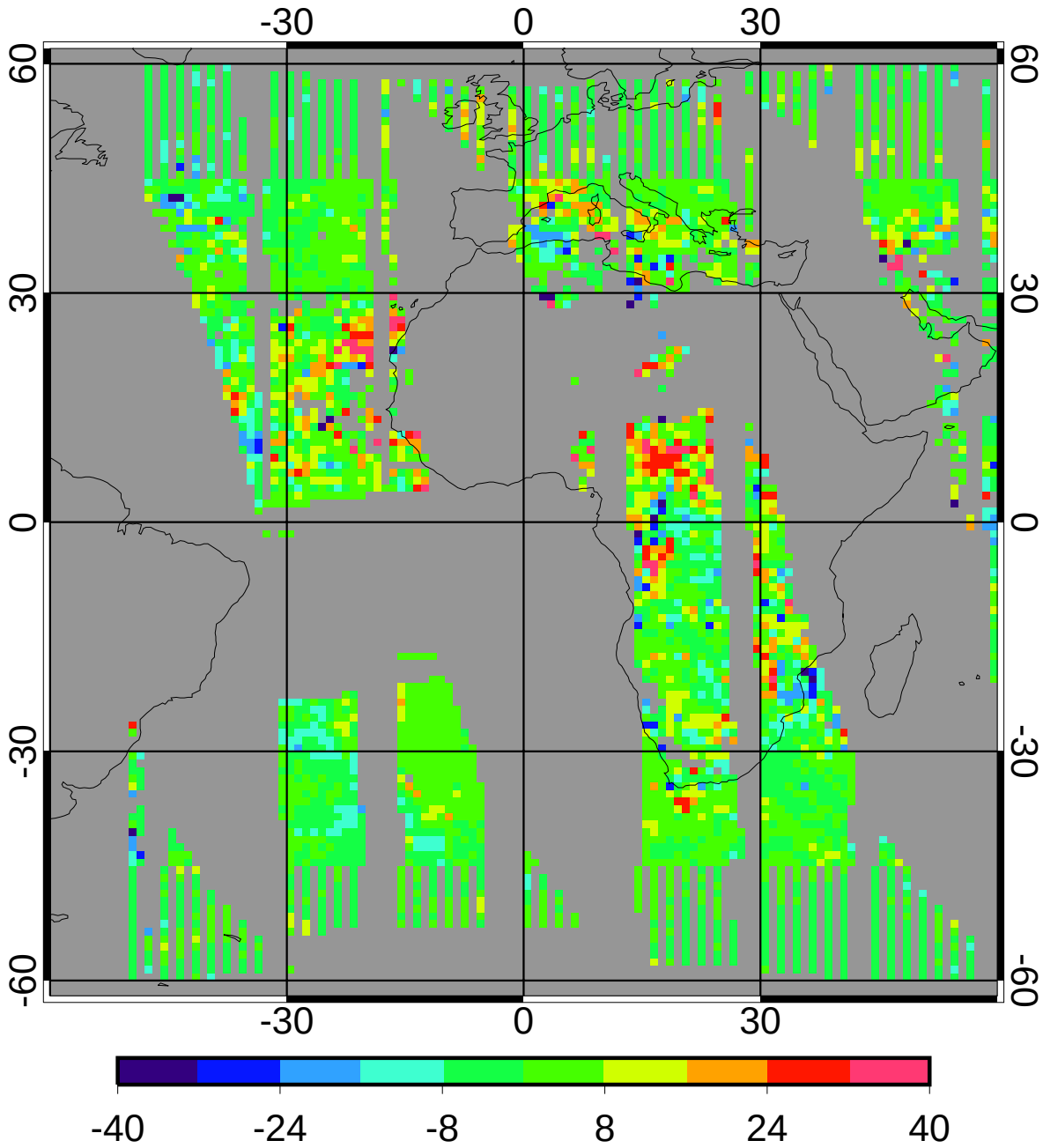
CERES/Terra MEAN Nighttime Cloud Temperature (K)

5ch_39cal Oct 2010



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

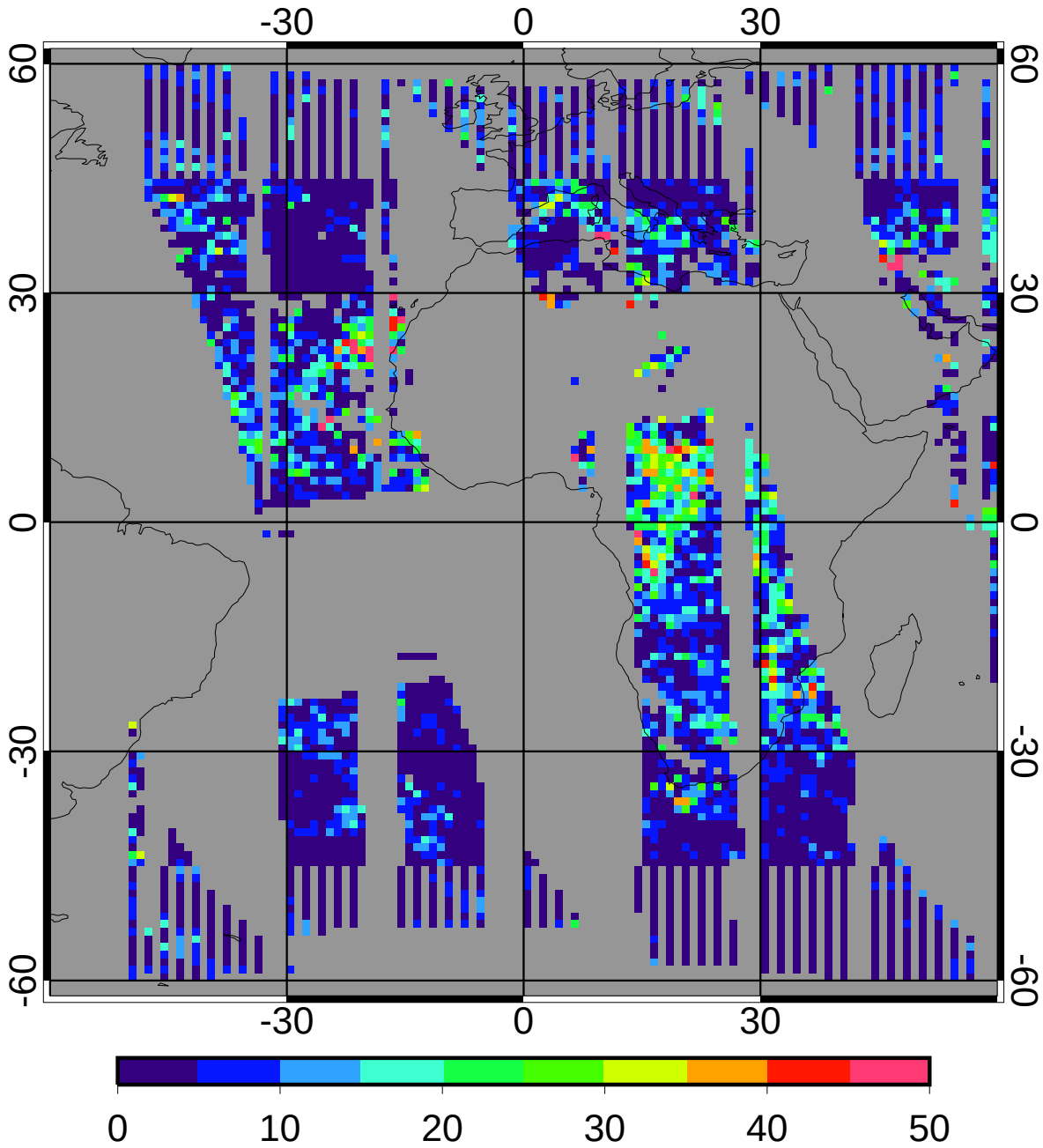
5ch_39cal Oct 2010



bias	1.42	0.57%
domain sigma	9.00	3.62%

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

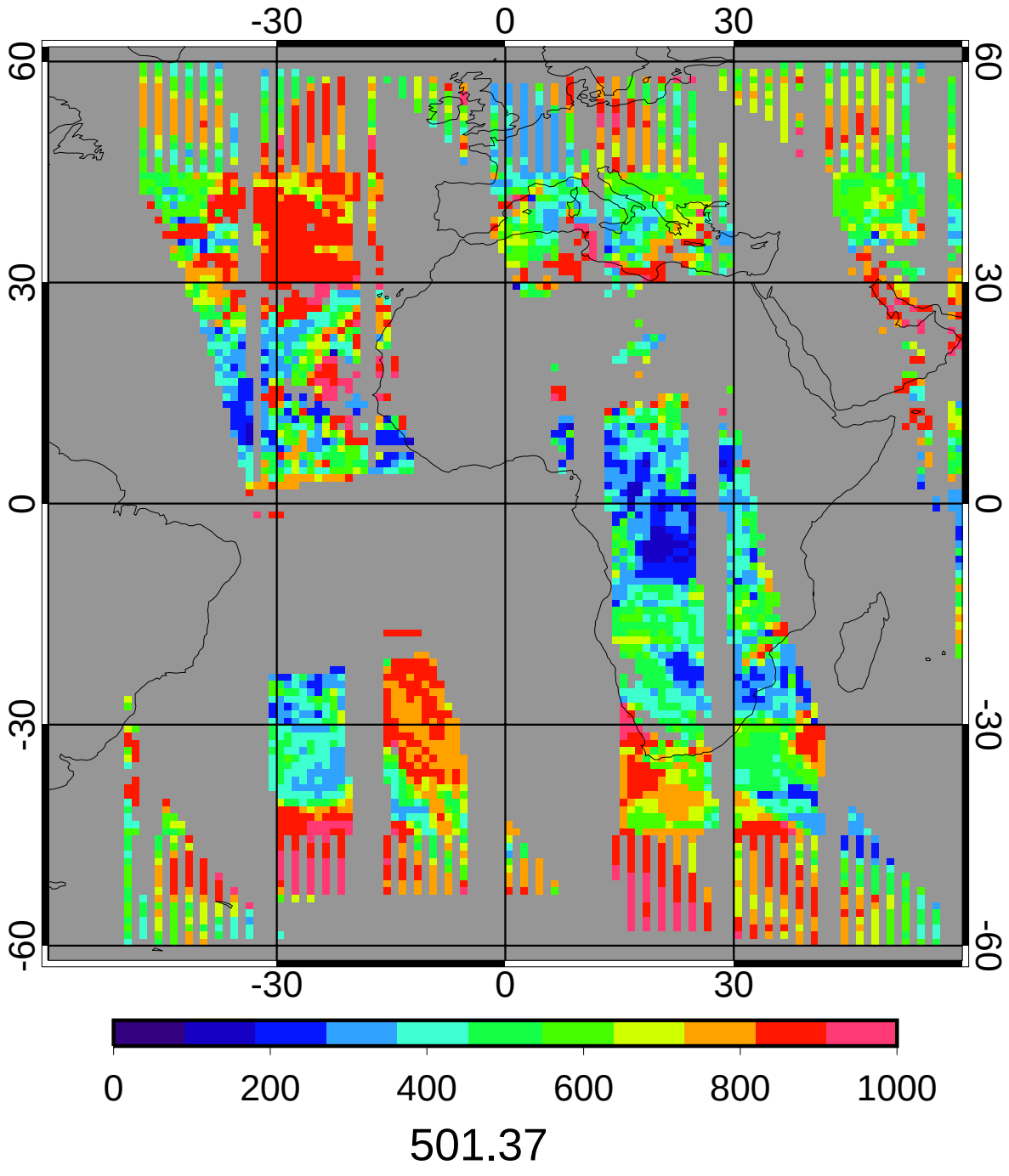
5ch_39cal Oct 2010



regave rms	6.37	2.56%
domain rms	10.39	4.17%

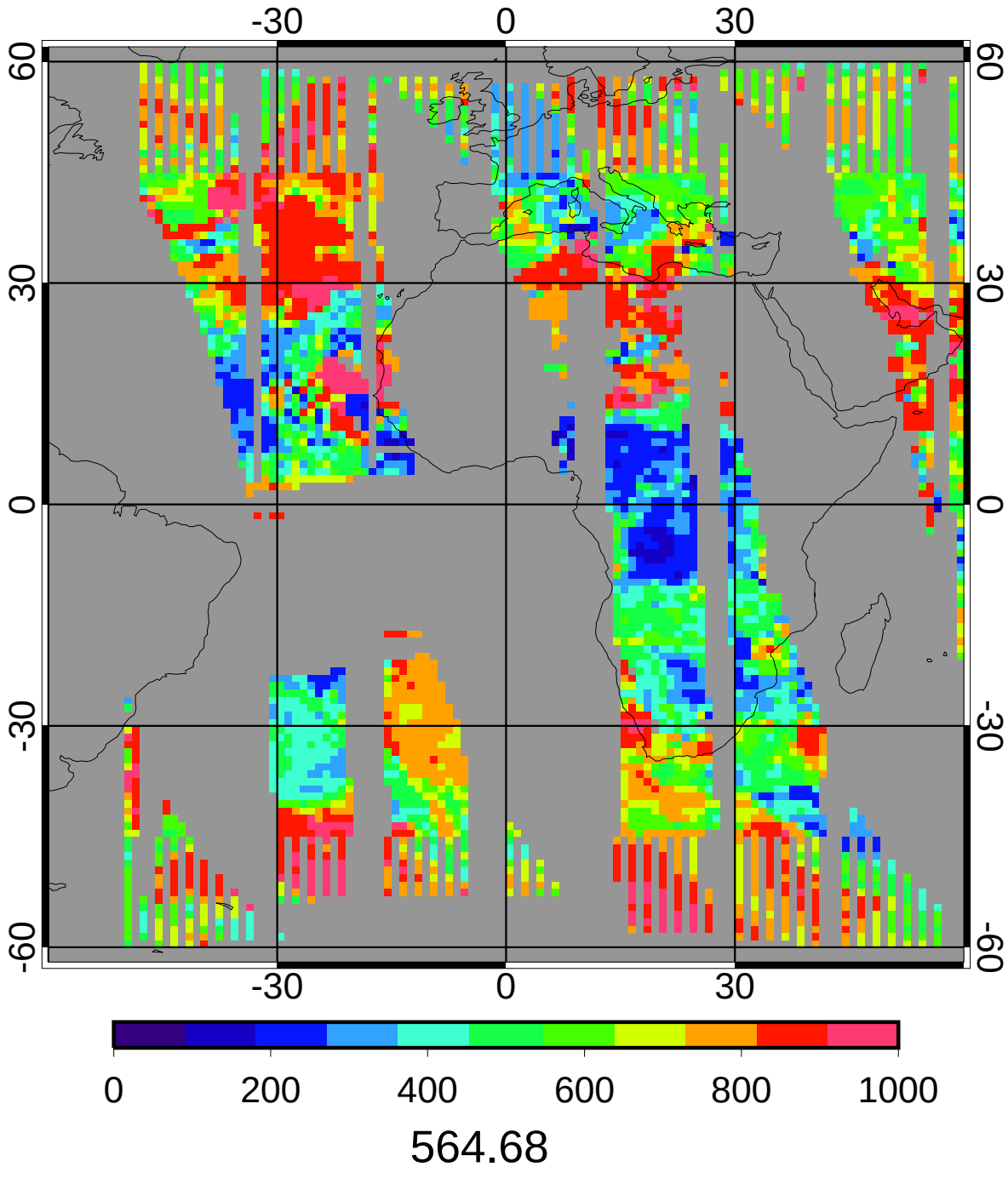
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Oct 2010



CERES/Terra MEAN Nighttime Cloud Eff Pressure (mb)

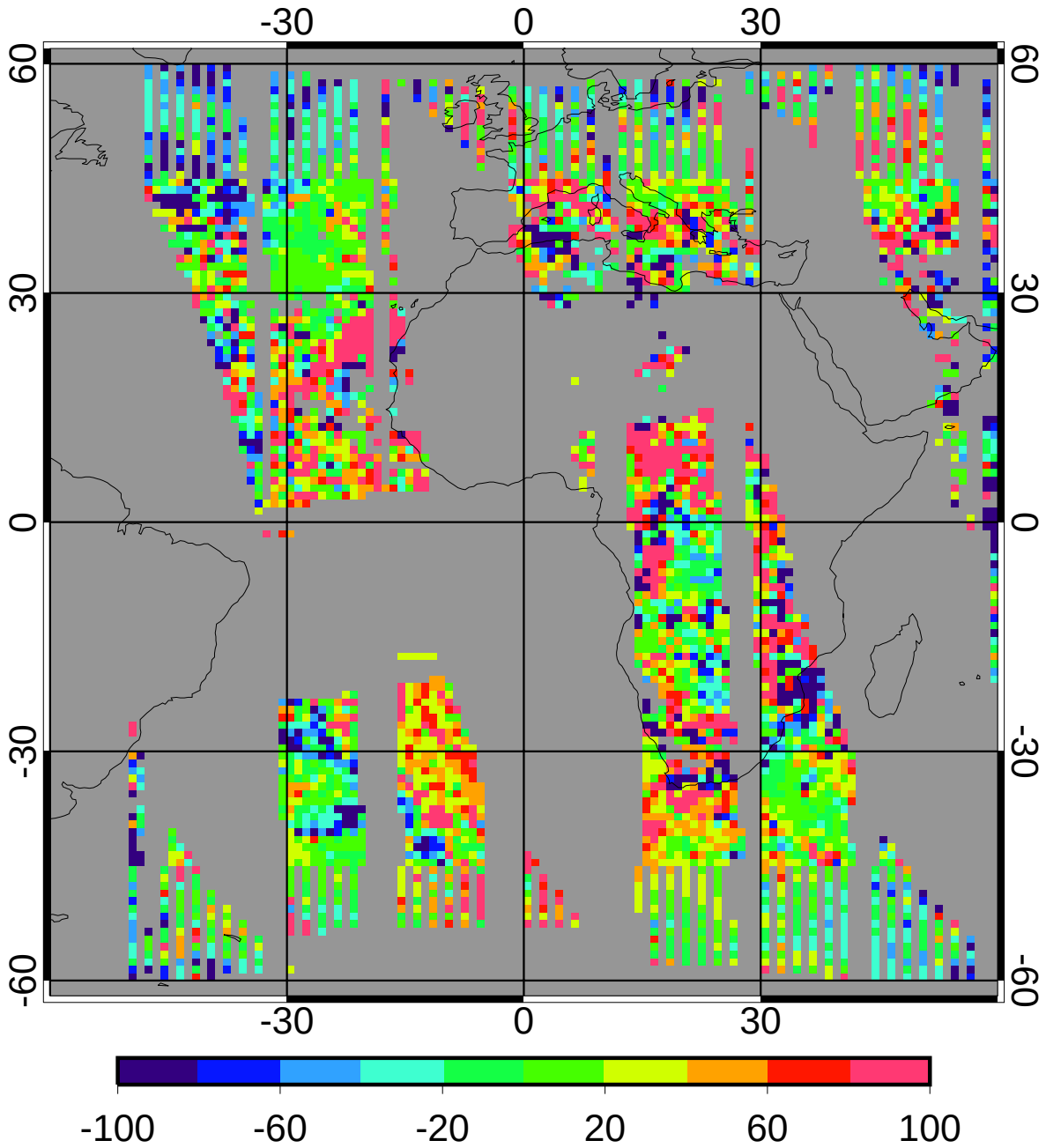
5ch_39cal Oct 2010



564.68

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

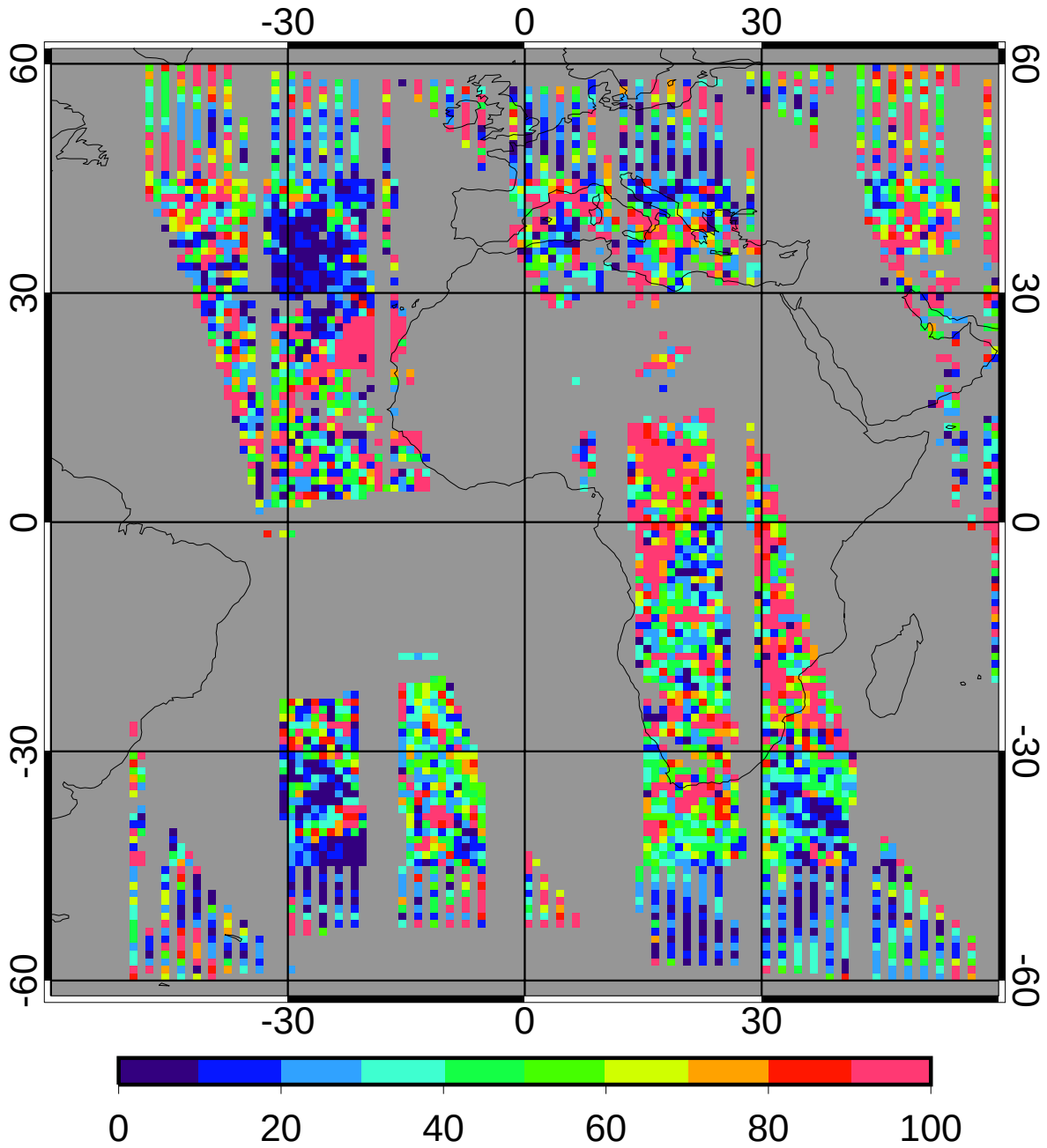
5ch_39cal Oct 2010



bias	11.84	2.10%
domain sigma	81.87	14.50%

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

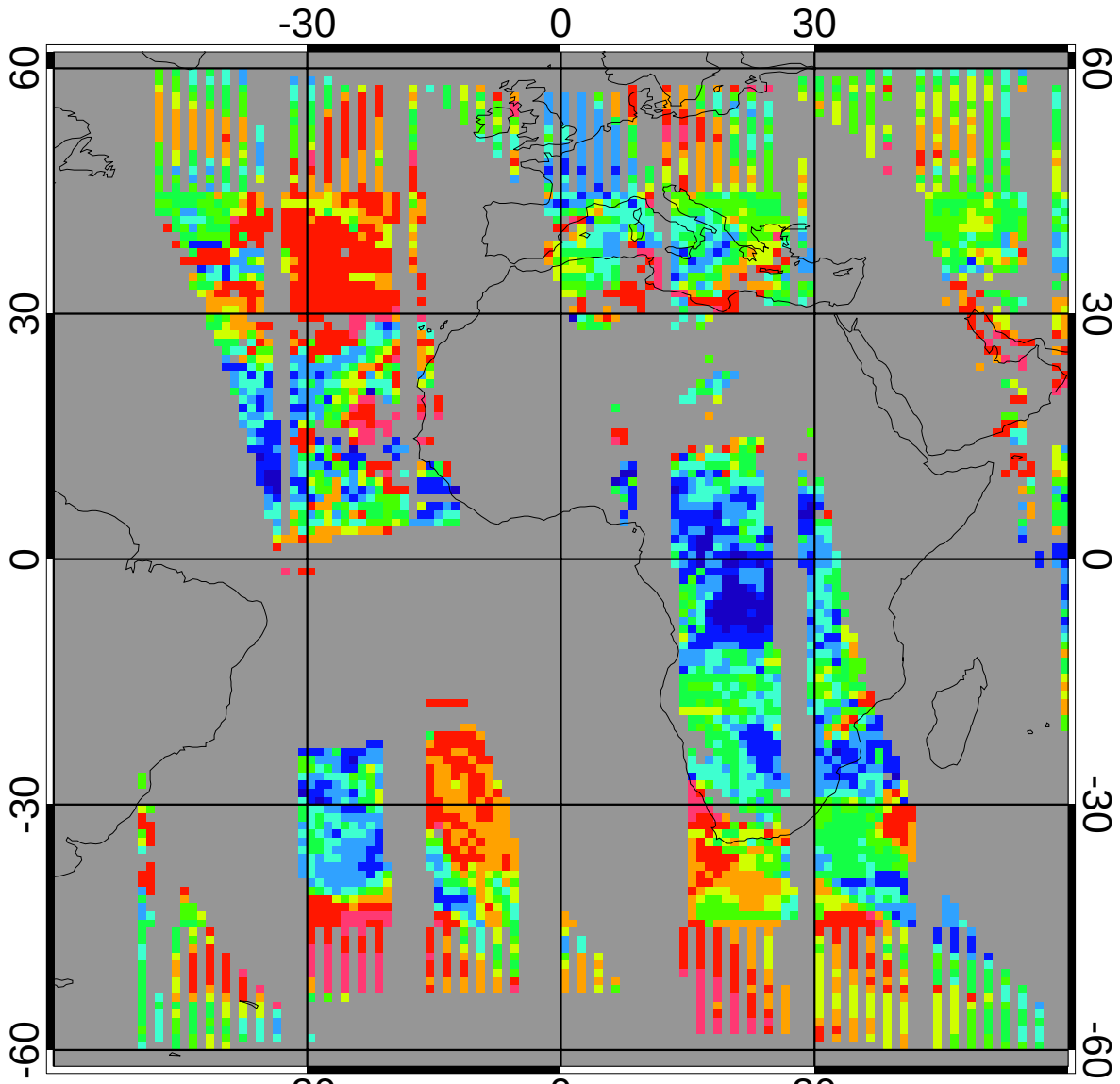
5ch_39cal Oct 2010

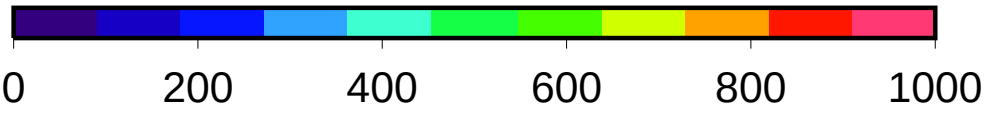


regave rms	56.25	9.96%
domain rms	87.87	15.56%

GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Oct 2010

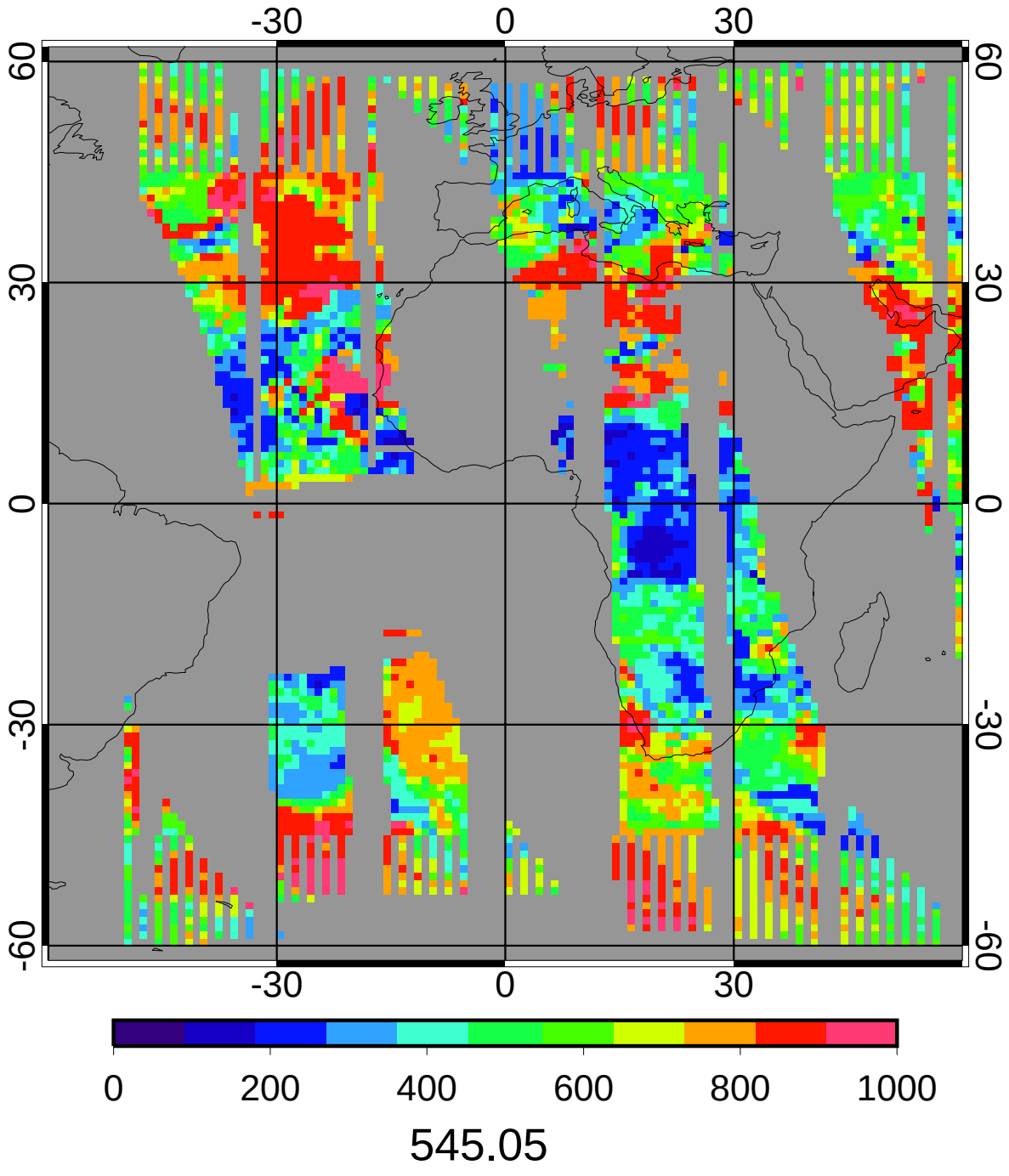




486.40

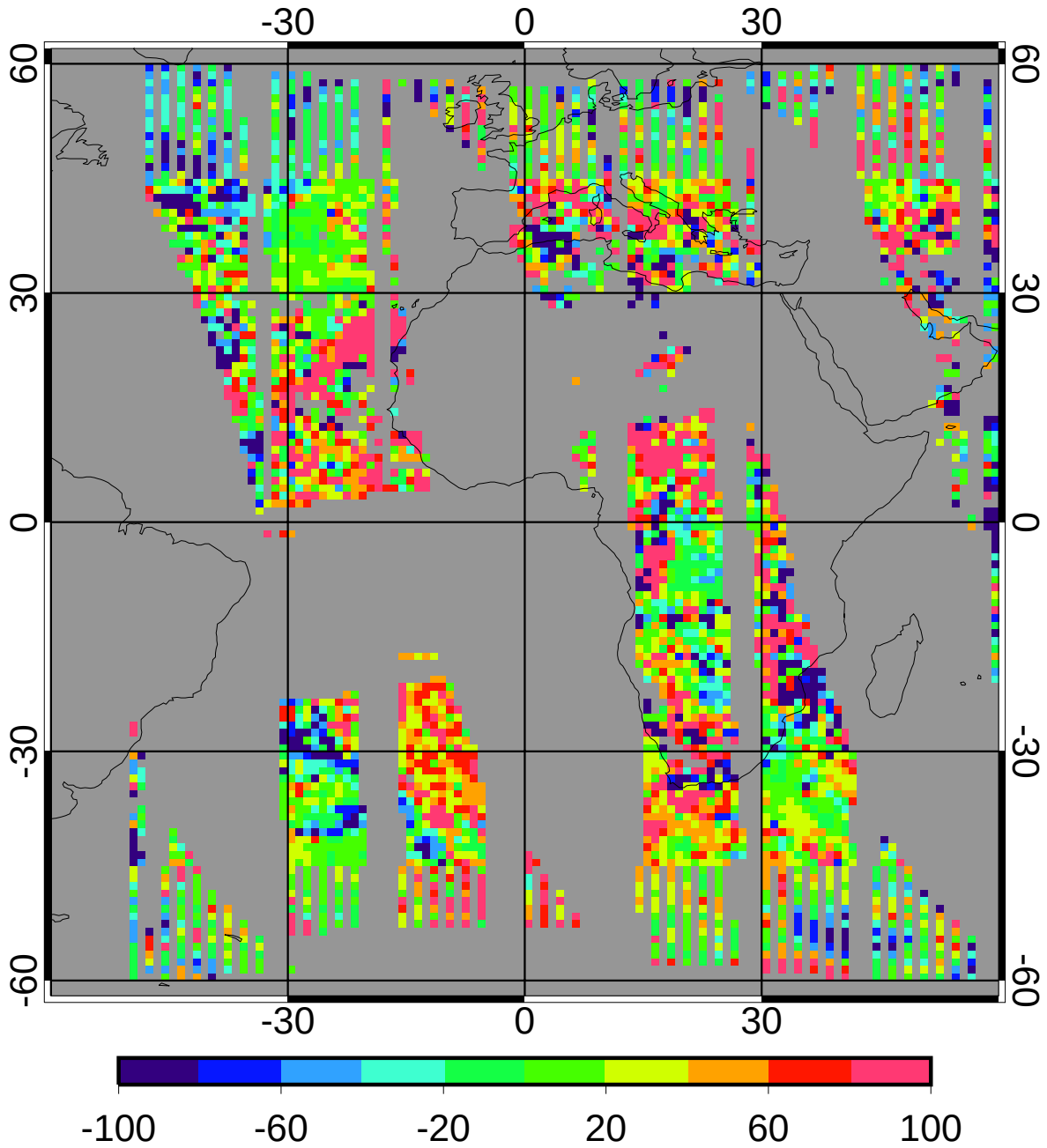
CERES/Terra MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Oct 2010



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

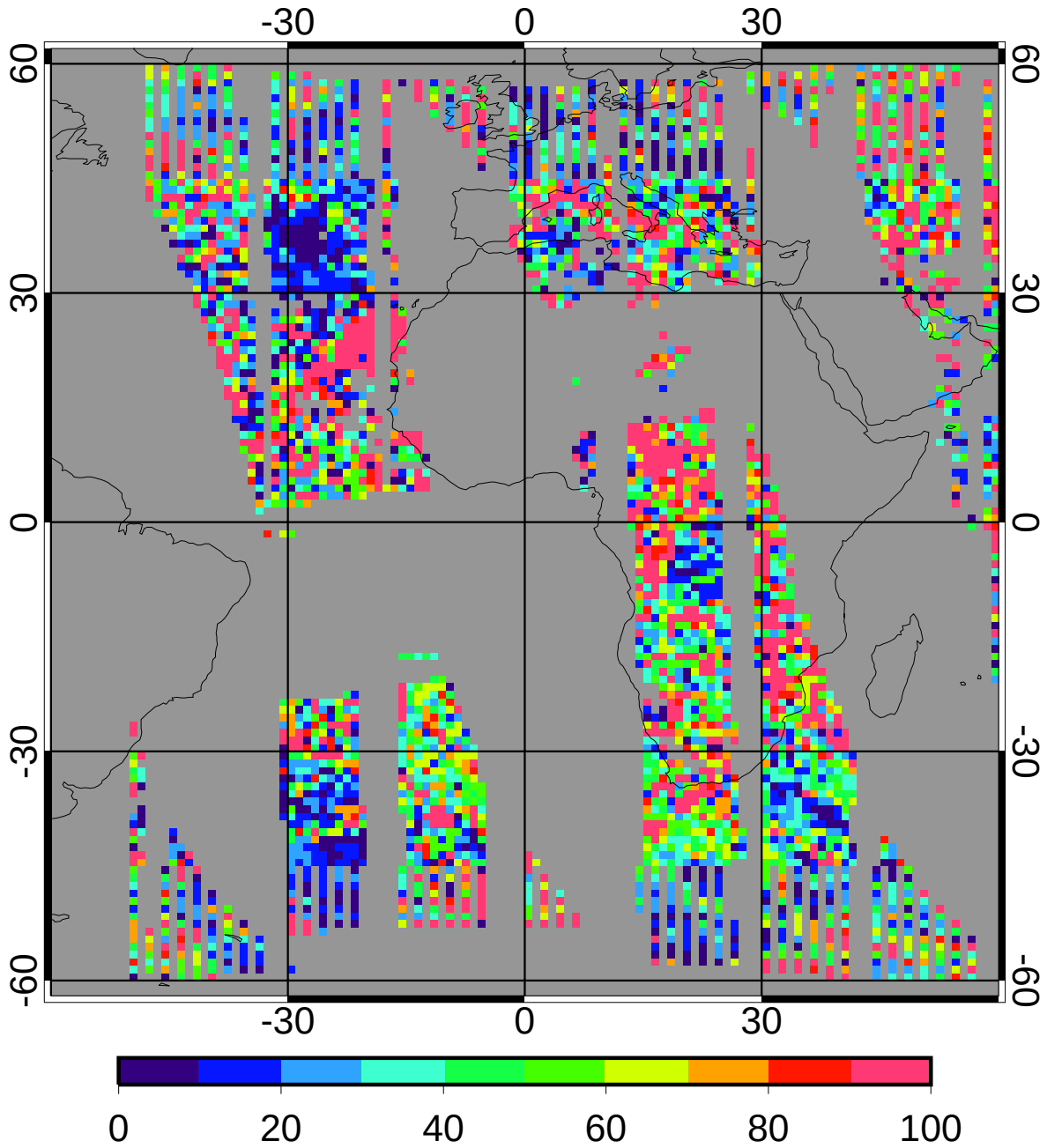
5ch_39cal Oct 2010



bias	15.42	2.83%
domain sigma	83.40	15.30%

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

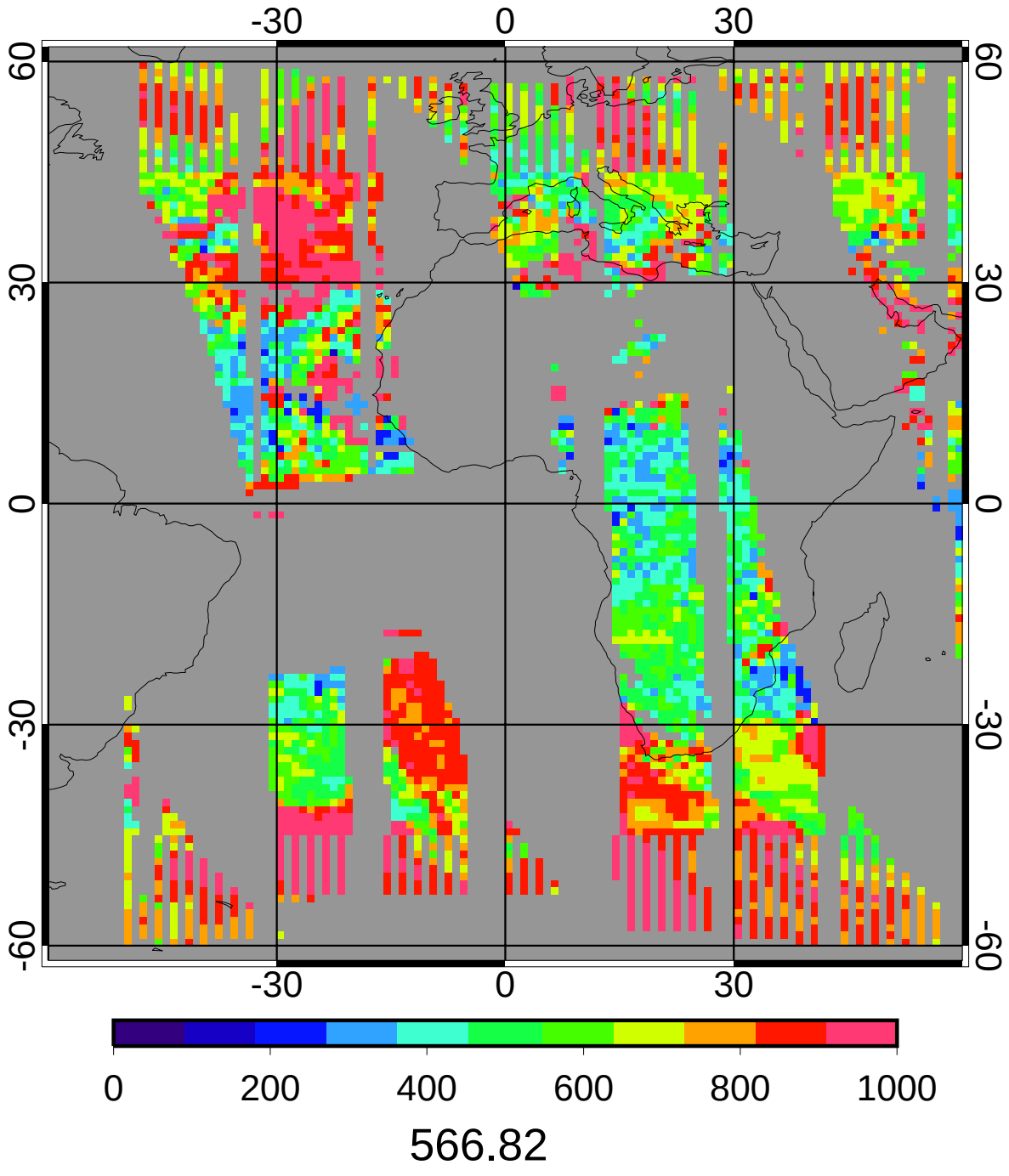
5ch_39cal Oct 2010



regave rms	58.22	10.68%
domain rms	89.36	16.39%

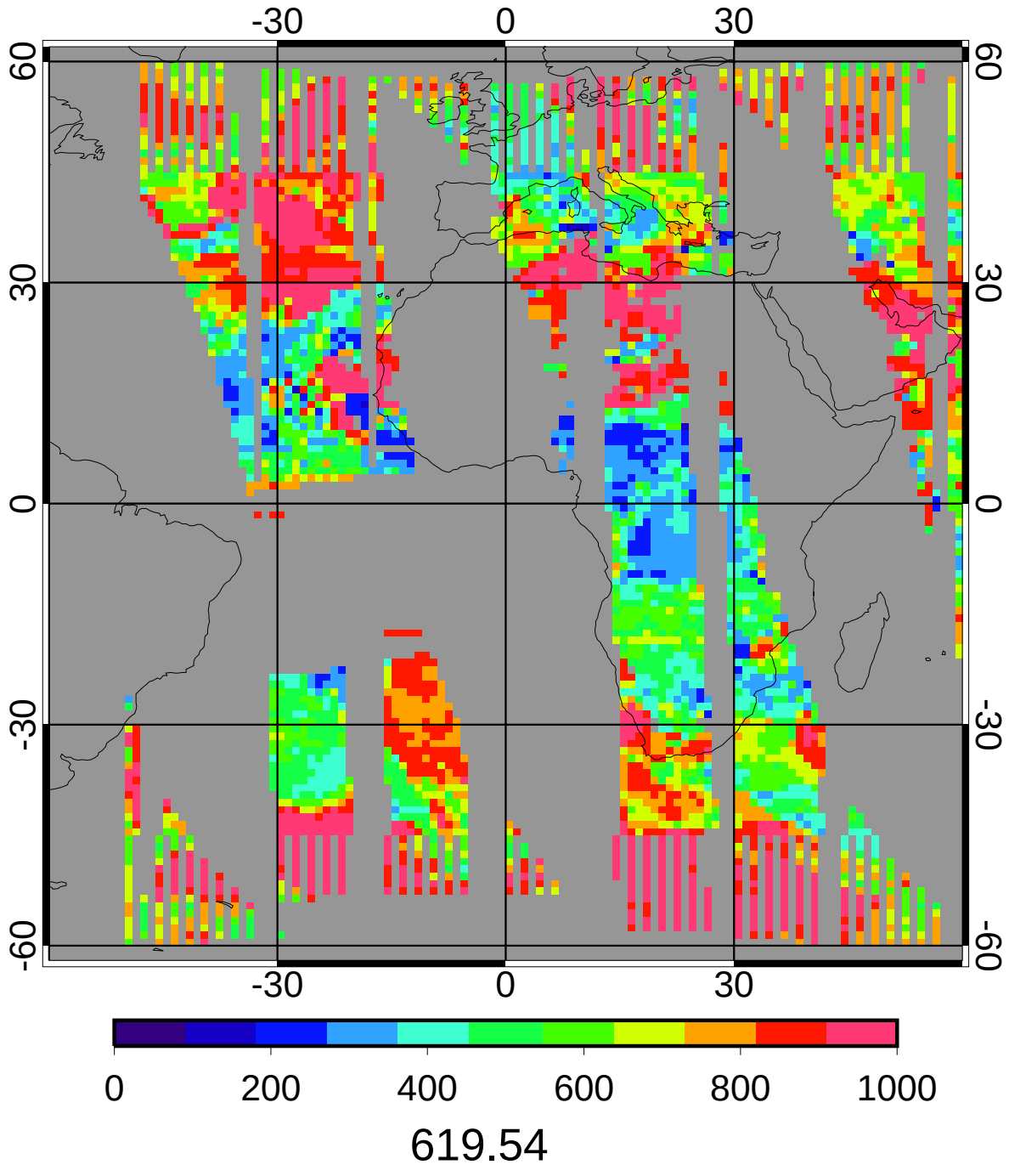
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Oct 2010



CERES/Terra MEAN Nighttime Cloud Base Pressure (mb)

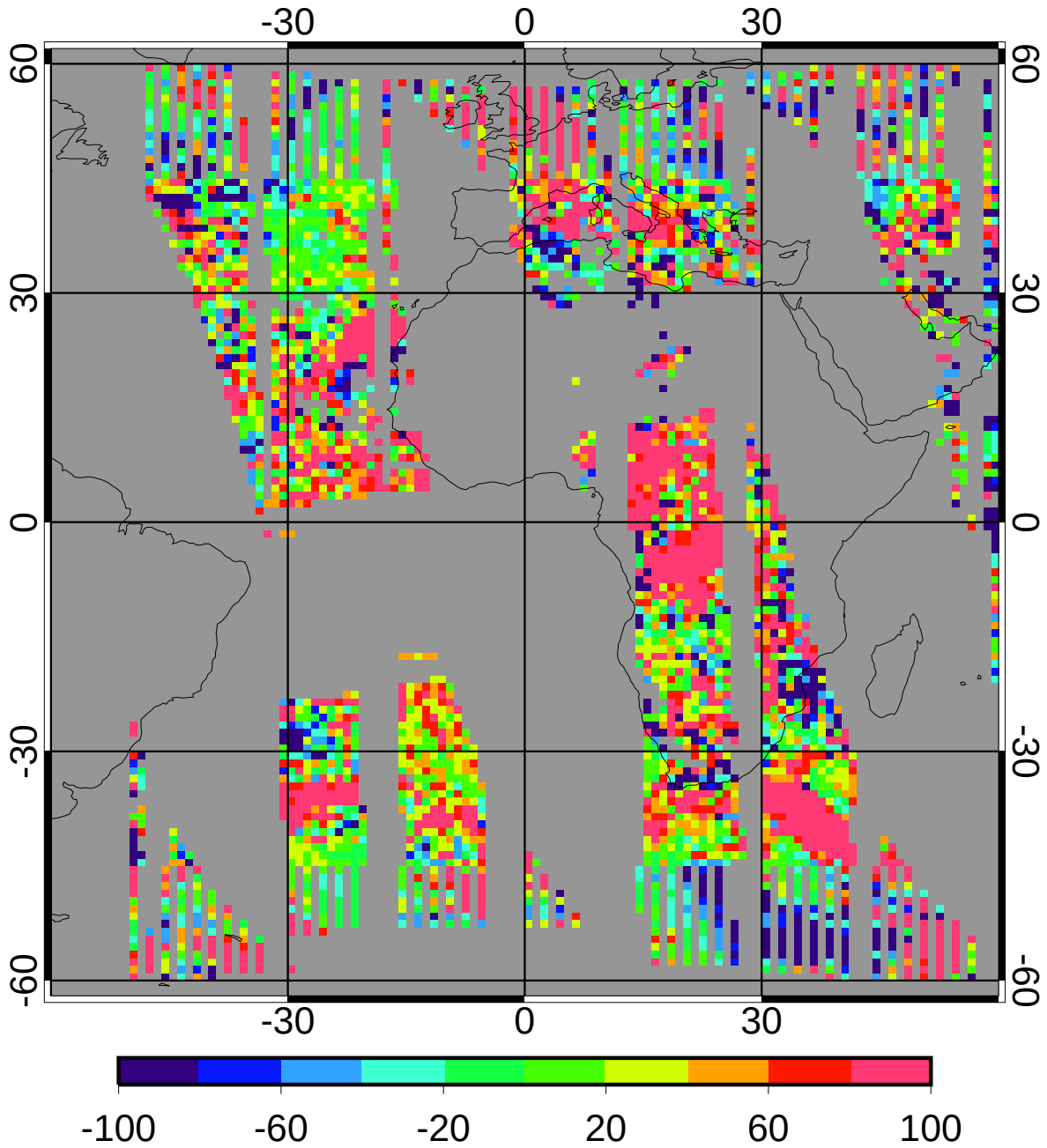
5ch_39cal Oct 2010



619.54

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

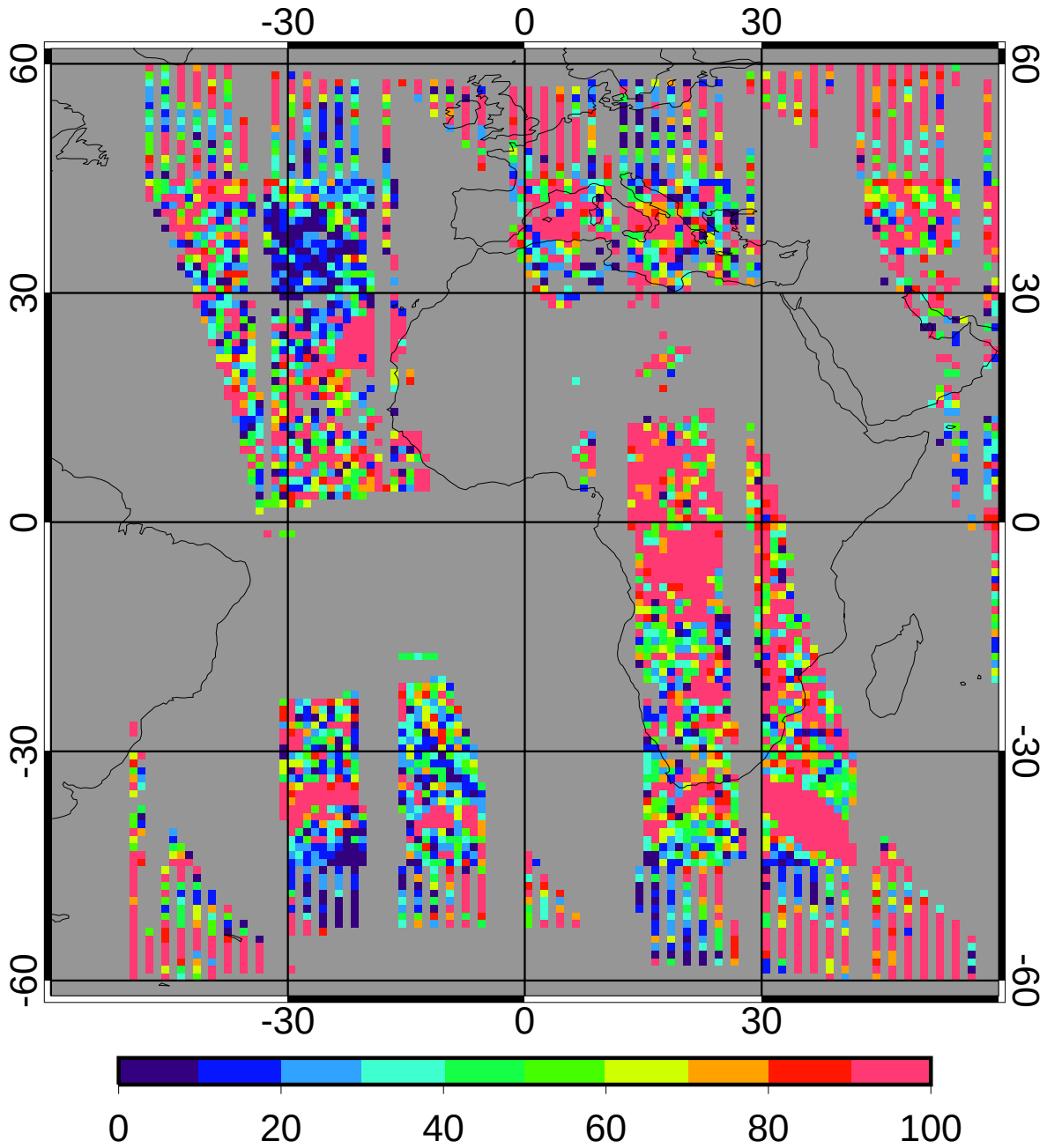
5ch_39cal Oct 2010



bias	26.52	4.28%
domain sigma	90.48	14.60%

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

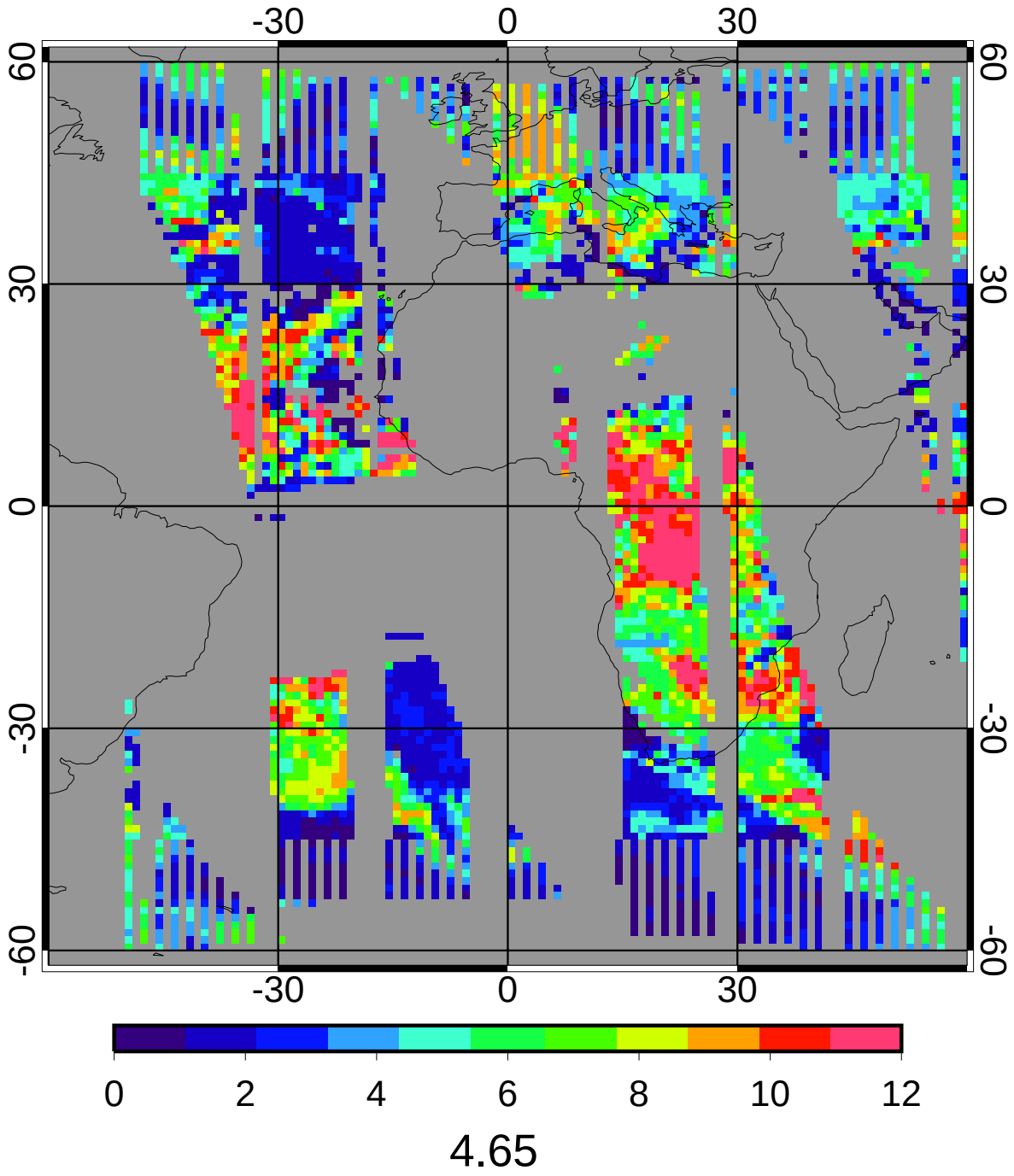
5ch_39cal Oct 2010



regave rms	72.78	11.75%
domain rms	105.37	17.01%

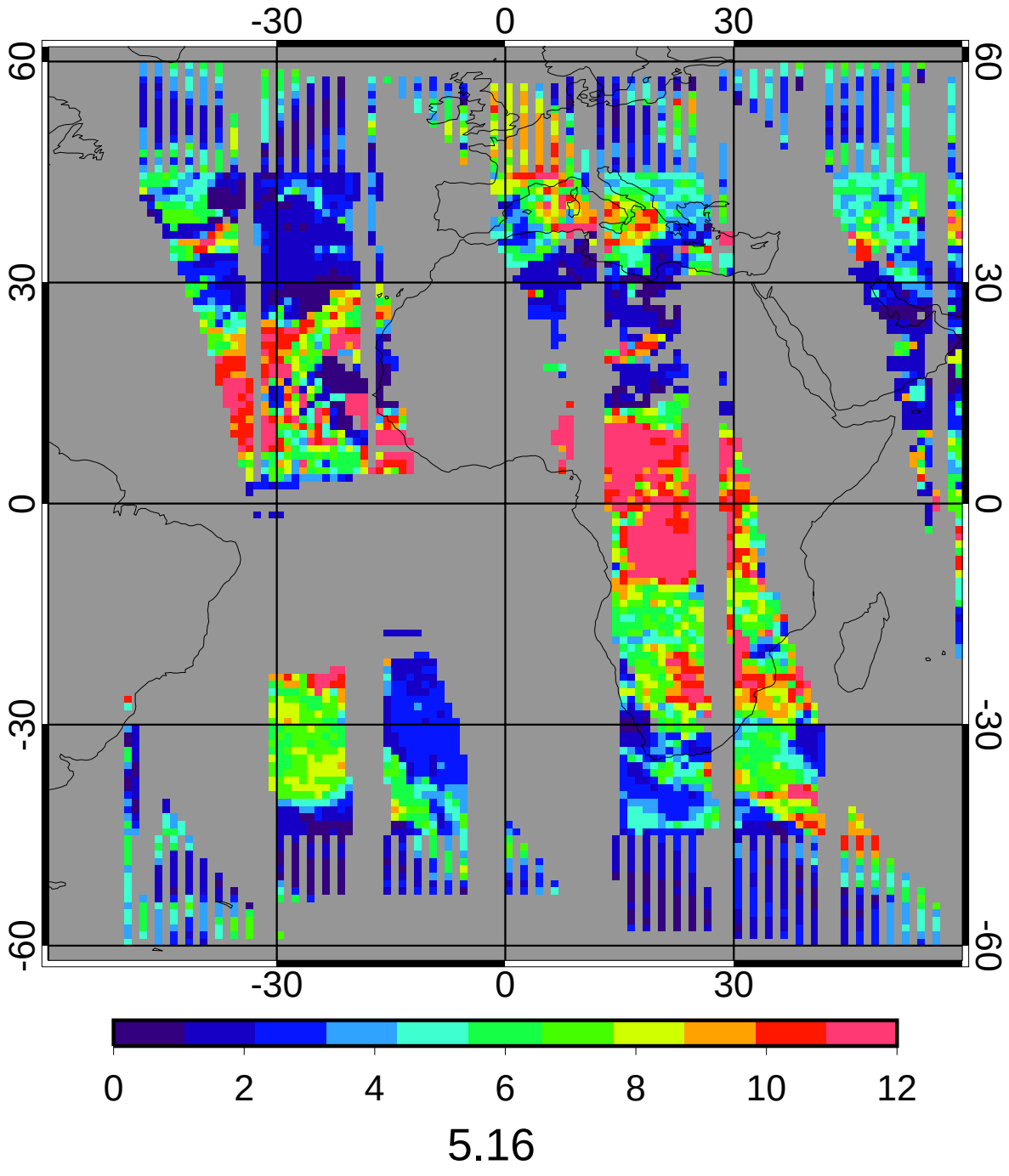
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Oct 2010



CERES/Terra MEAN Nighttime Cloud Eff Height (km)

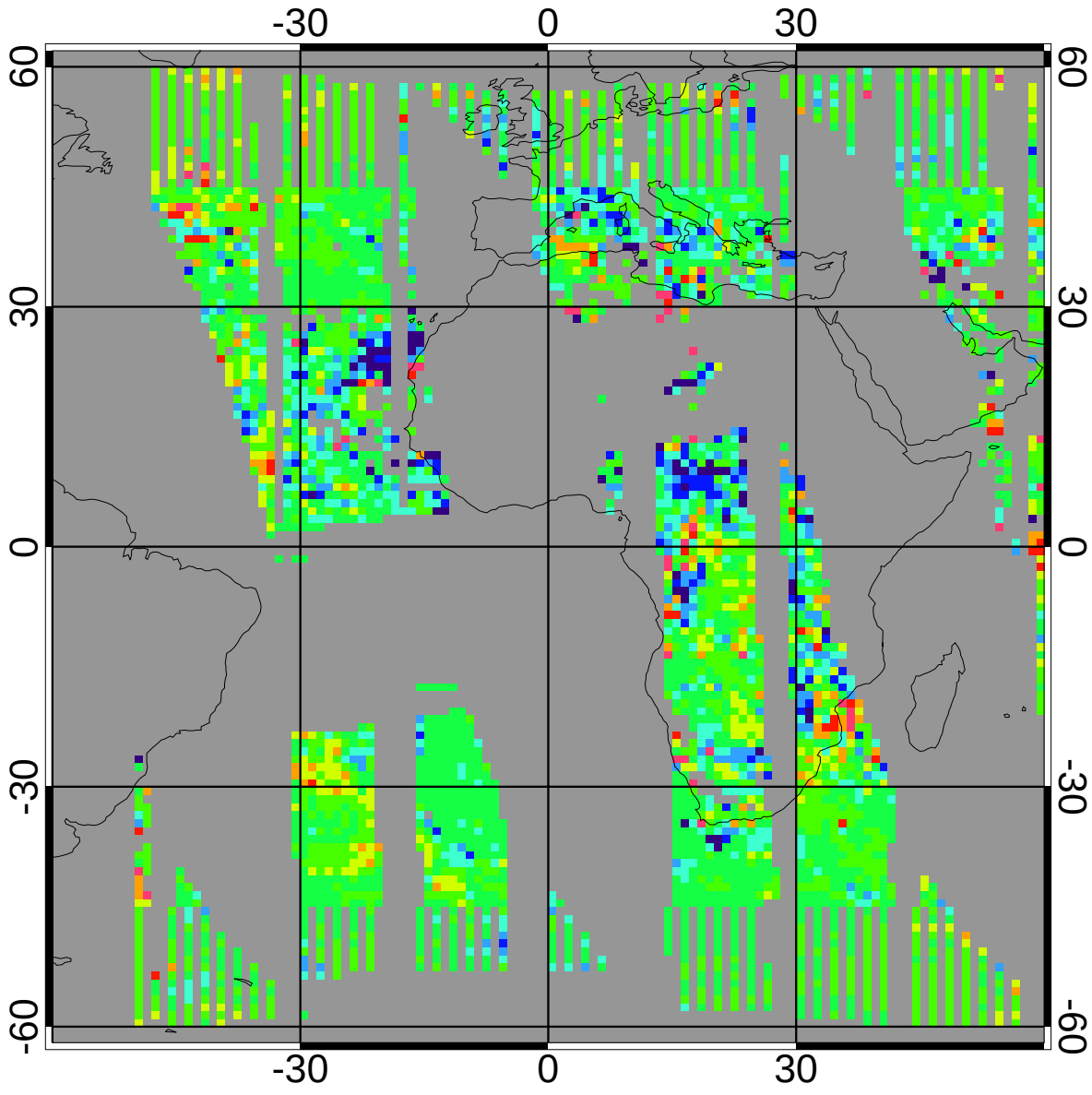
5ch_39cal Oct 2010



5.16

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

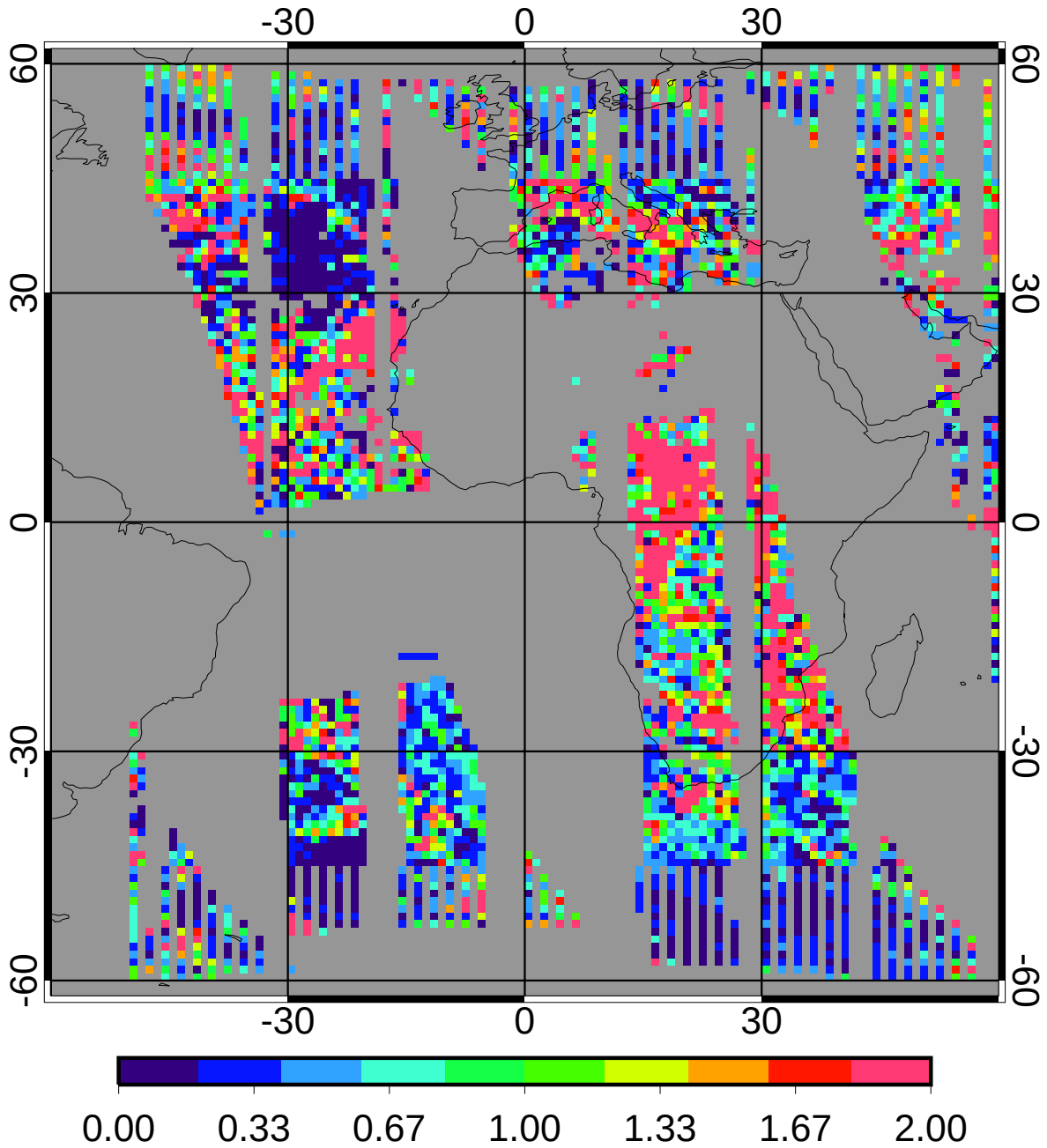
5ch_39cal Oct 2010



bias	-0.26	-5.03%
domain sigma	1.39	26.94%

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

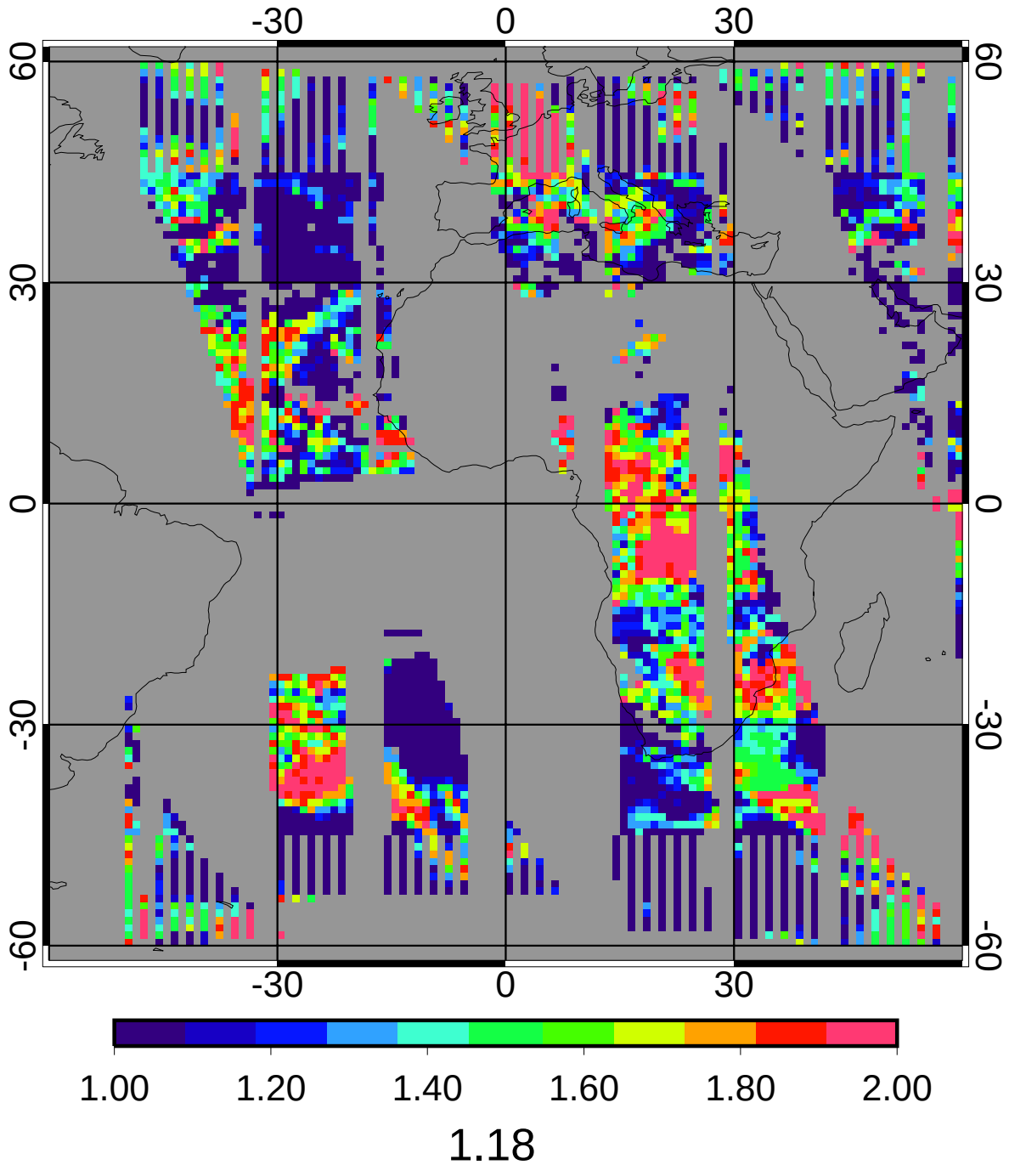
5ch_39cal Oct 2010



regave rms	0.99	19.25%
domain rms	1.59	30.74%

GGEO MEAN Nighttime Cloud Phase

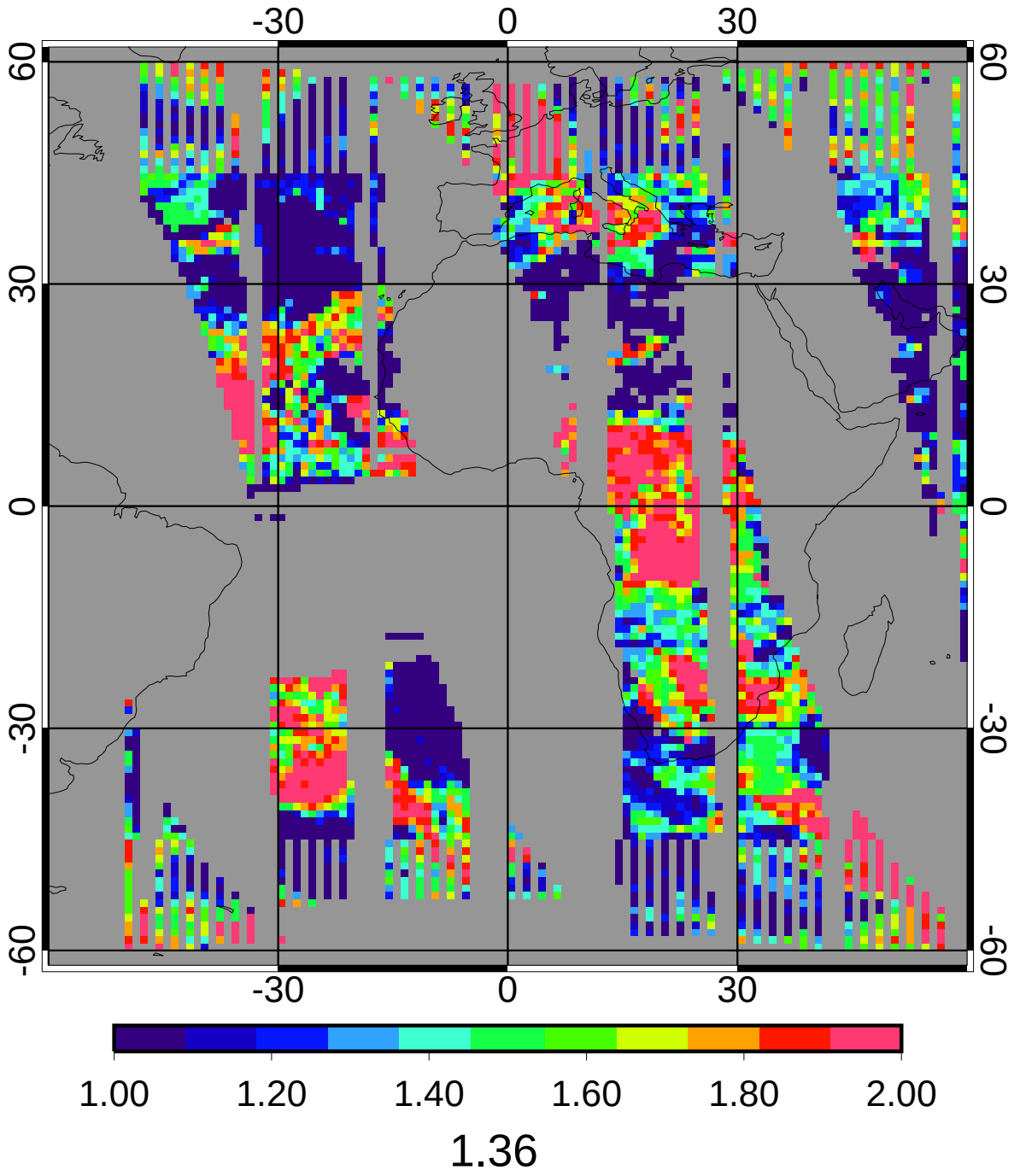
5ch_39cal Oct 2010



1.18

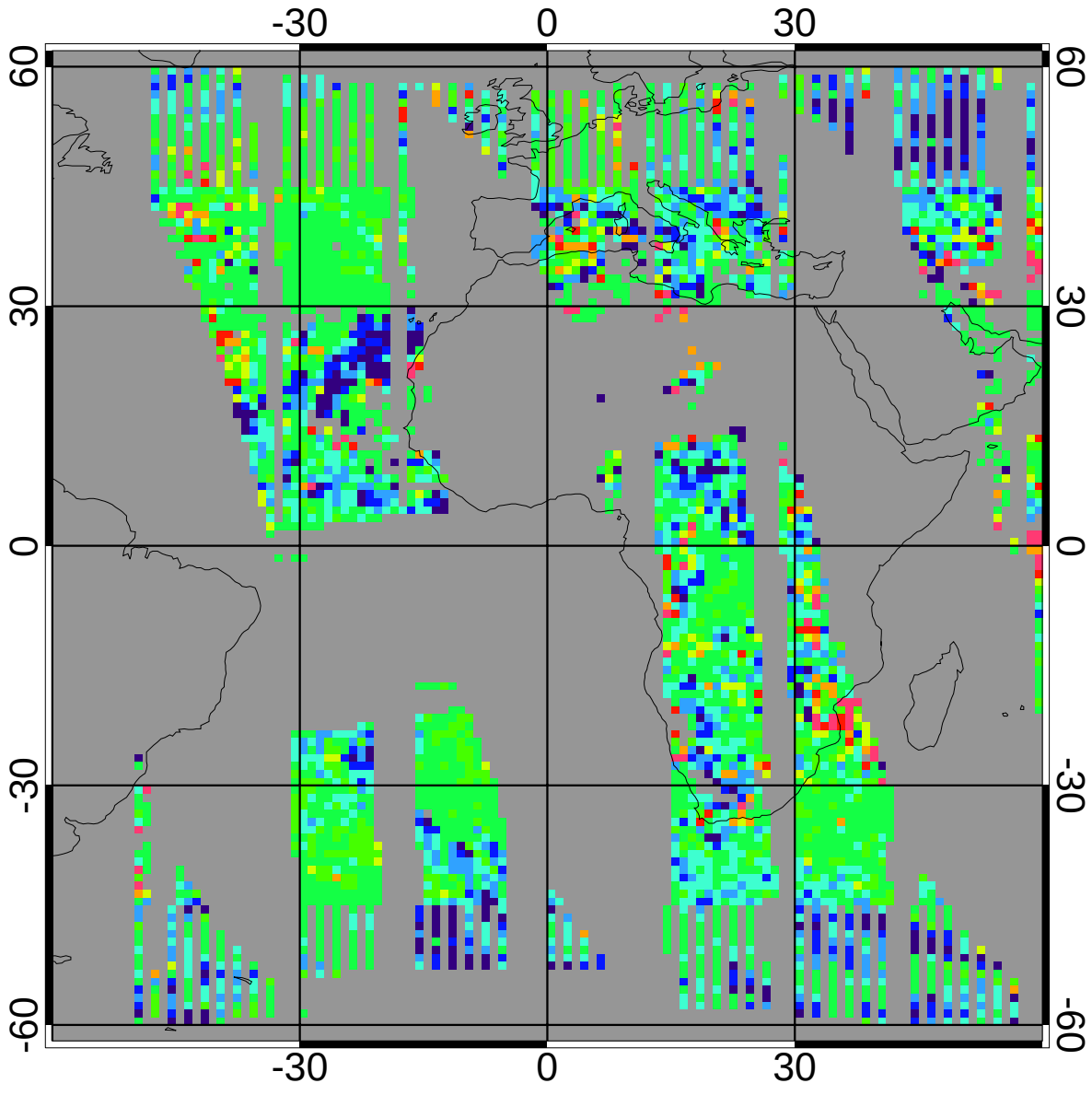
CERES/Terra MEAN Nighttime Cloud Phase

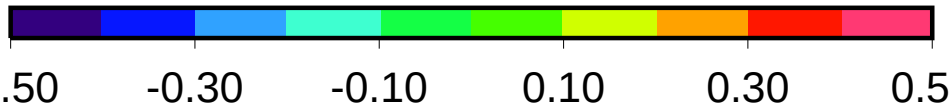
5ch_39cal Oct 2010



GGEO - CERES/Terra Nighttime Cloud Phase Bias

5ch_39cal Oct 2010

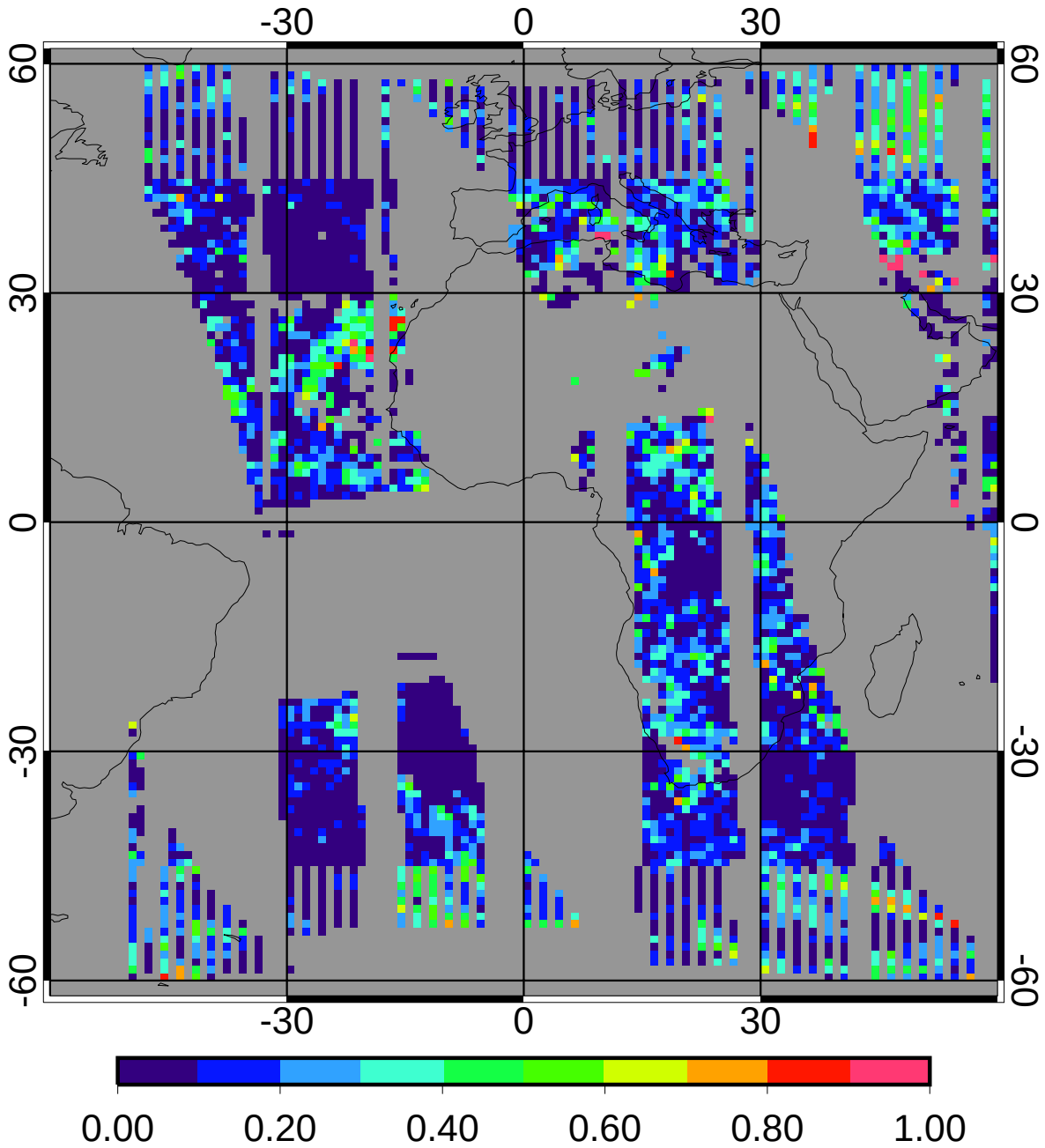




bias	-0.07	-5.38%
domain sigma	0.17	12.19%

GGEO - CERES/Terra Nighttime Cloud Phase RMS

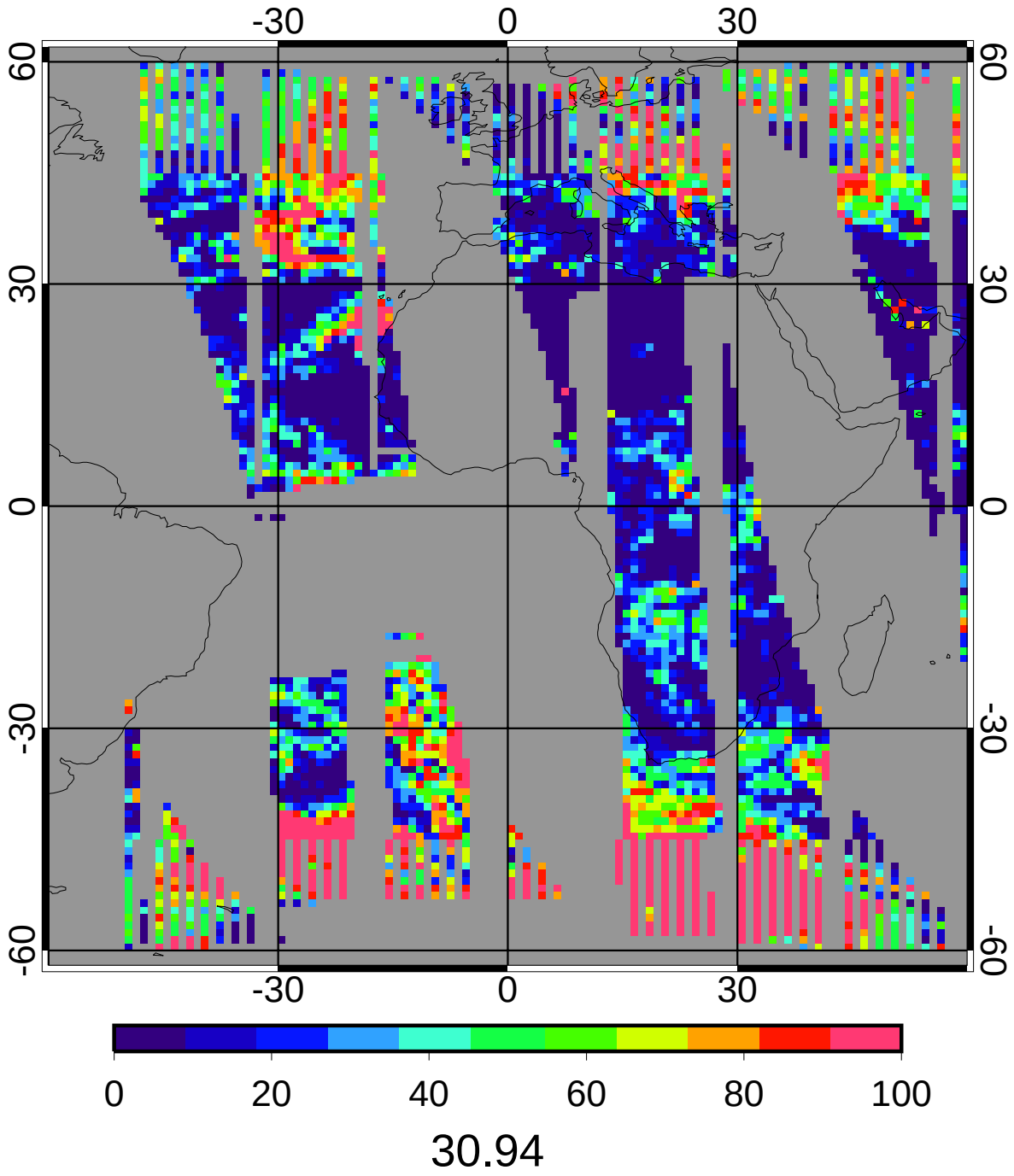
5ch_39cal Oct 2010



regave rms	0.13	9.75%
domain rms	0.20	14.96%

GGEO MEAN Nighttime Liquid Cld Amt (%)

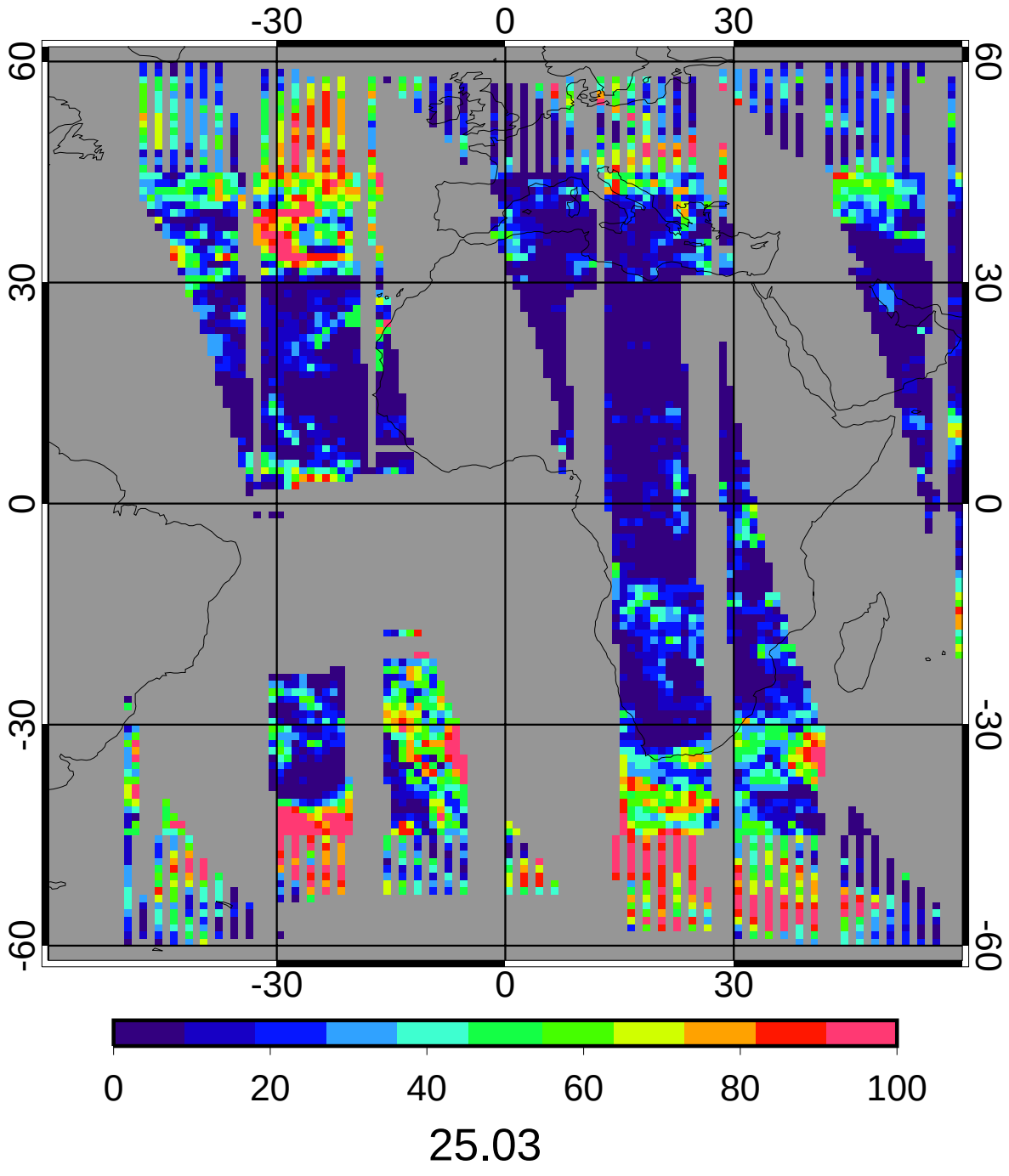
5ch_39cal Oct 2010



30.94

CERES/Terra MEAN Nighttime Liquid Cld Amt (%)

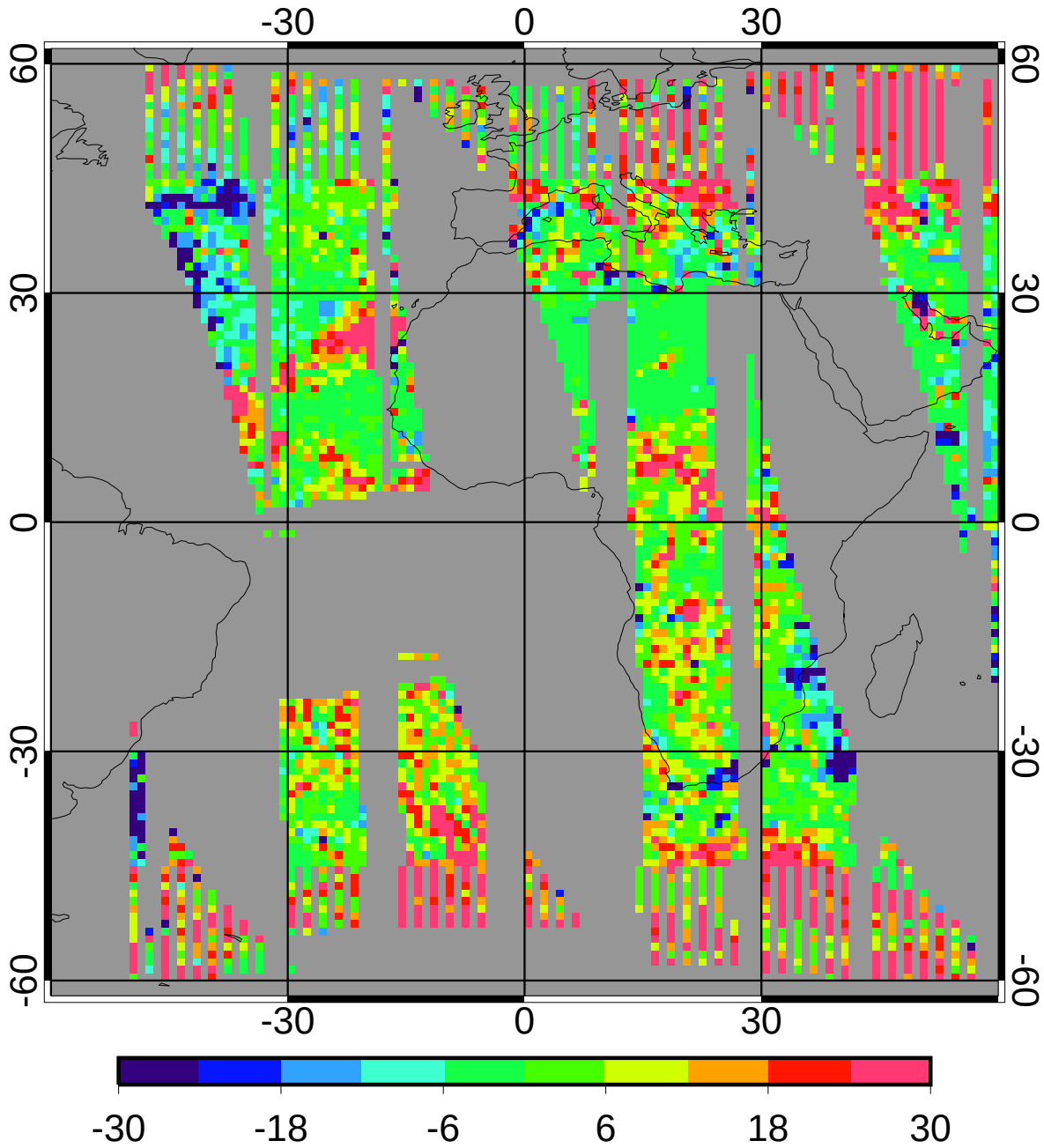
5ch_39cal Oct 2010



25.03

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

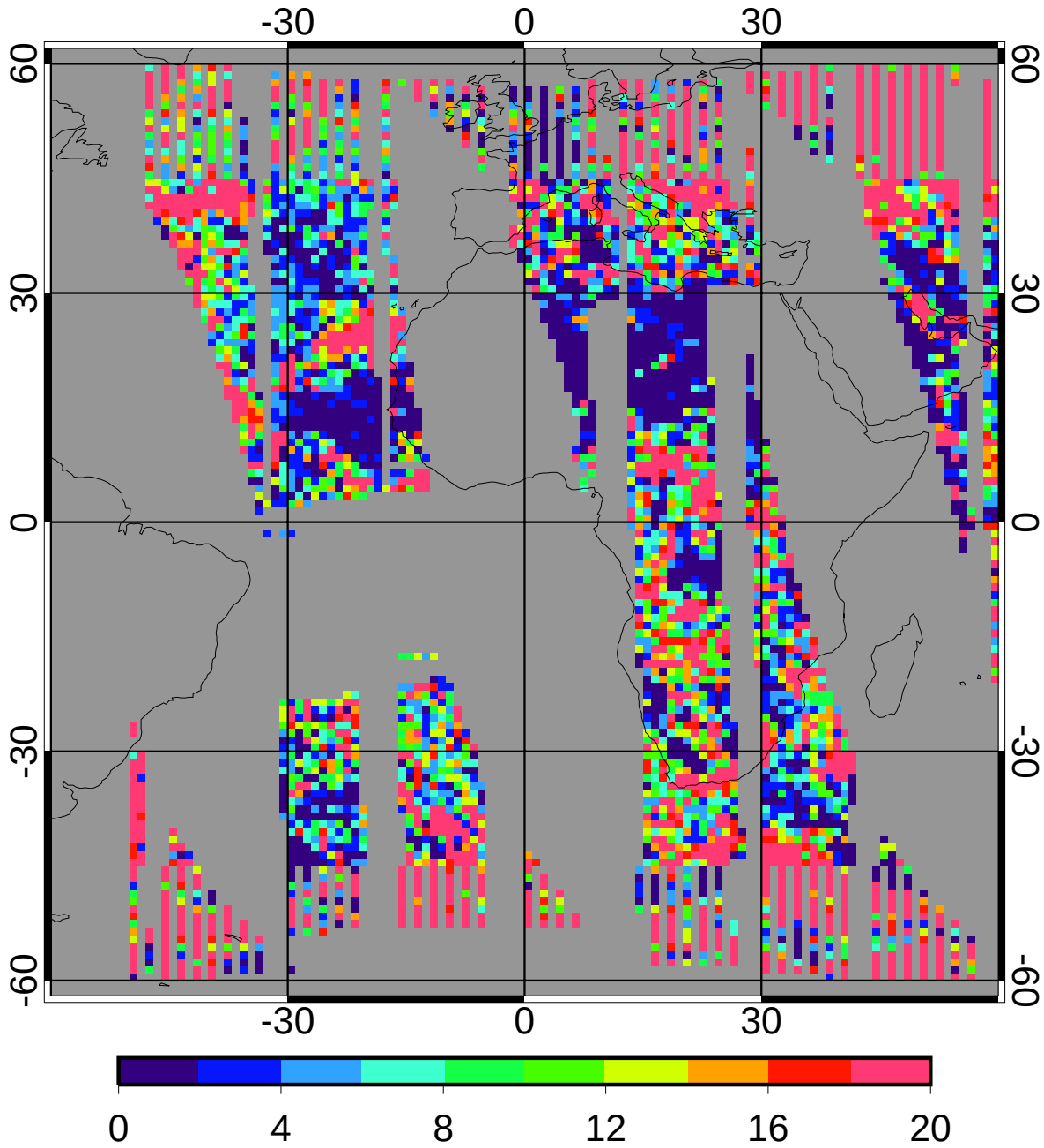
5ch_39cal Oct 2010



bias	5.91	23.61%
domain sigma	13.55	54.16%

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

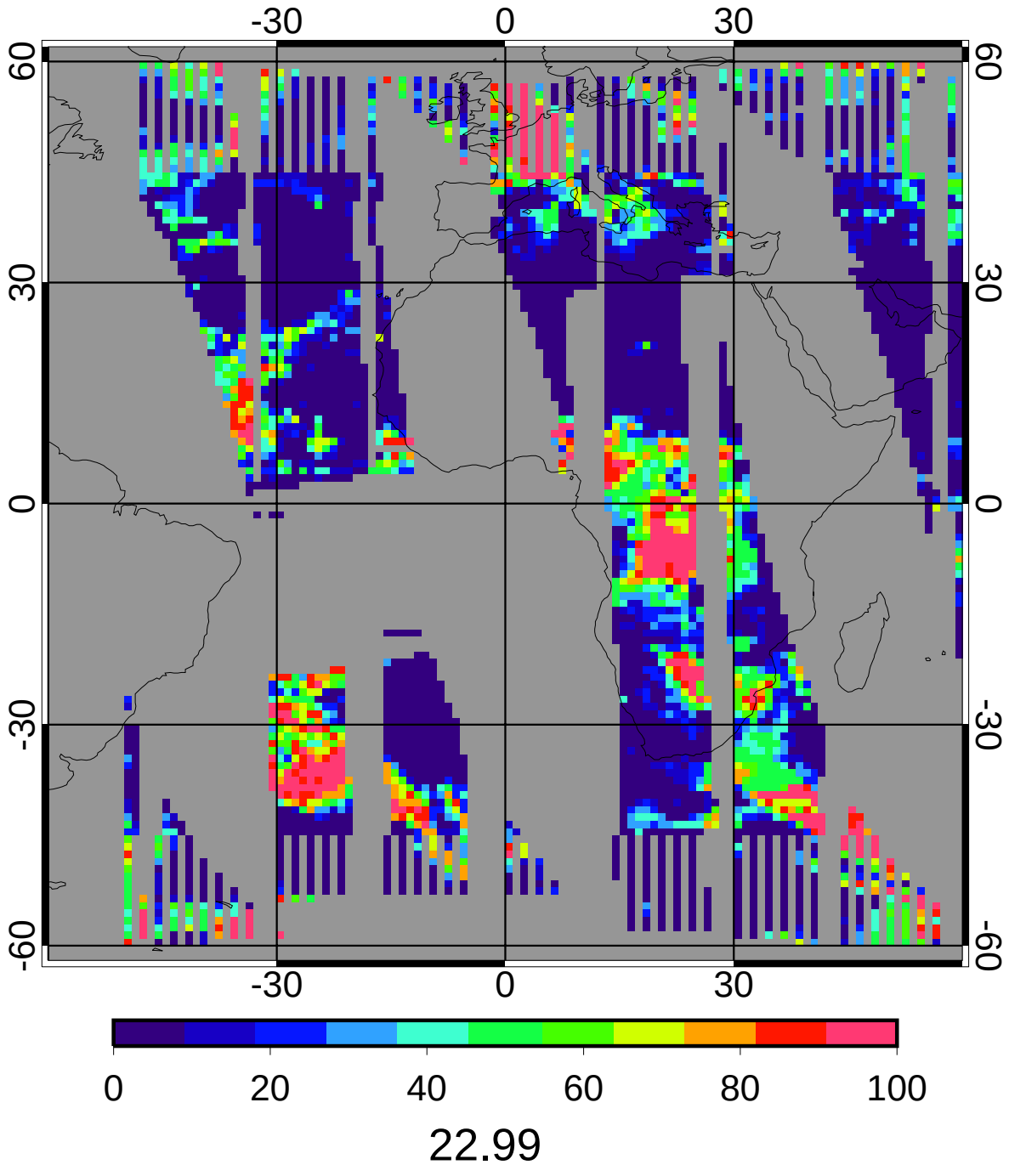
5ch_39cal Oct 2010



regave rms	13.05	52.14%
domain rms	18.44	73.68%

GGEO MEAN Nighttime Ice Cld Amt (%)

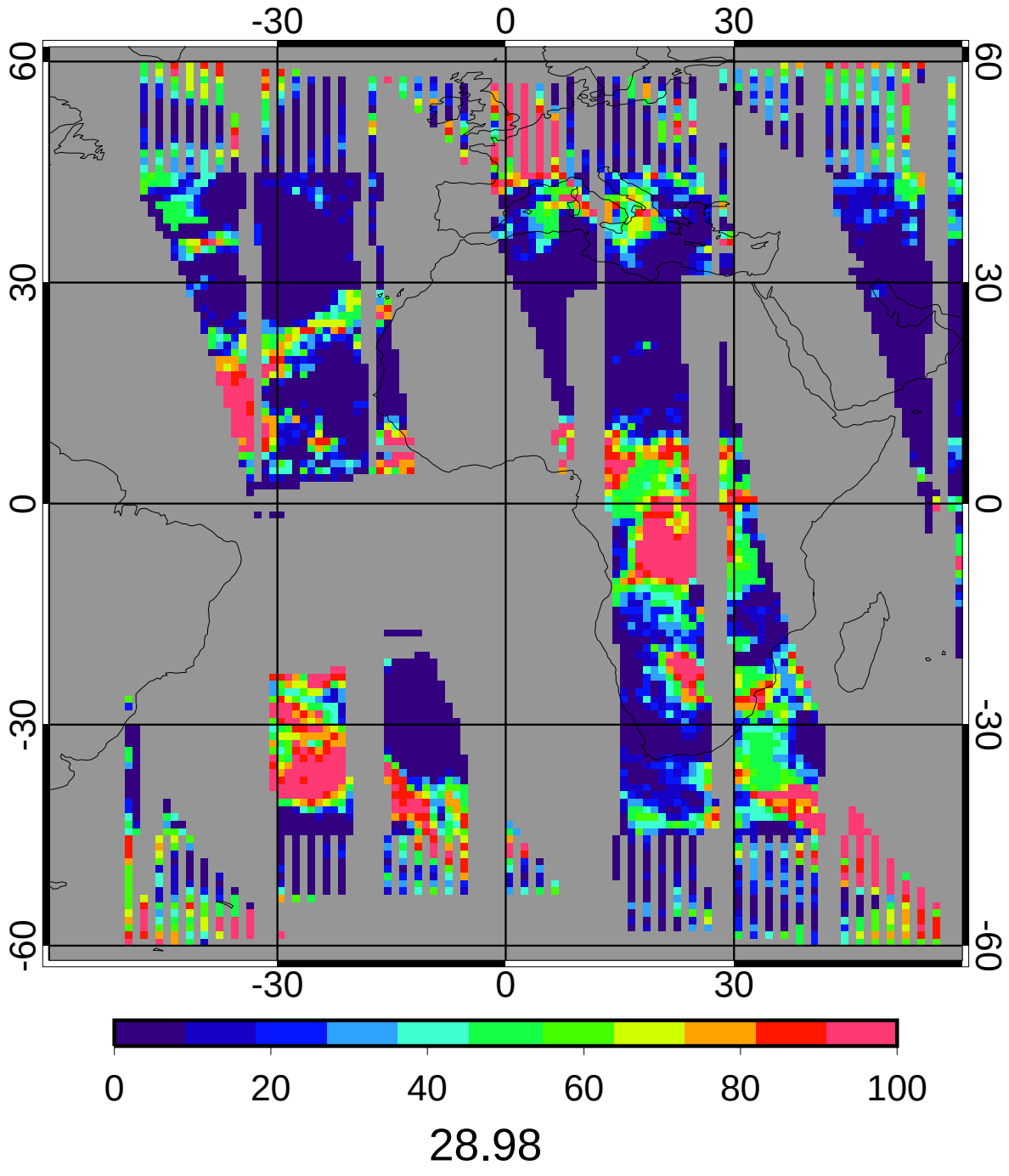
5ch_39cal Oct 2010



22.99

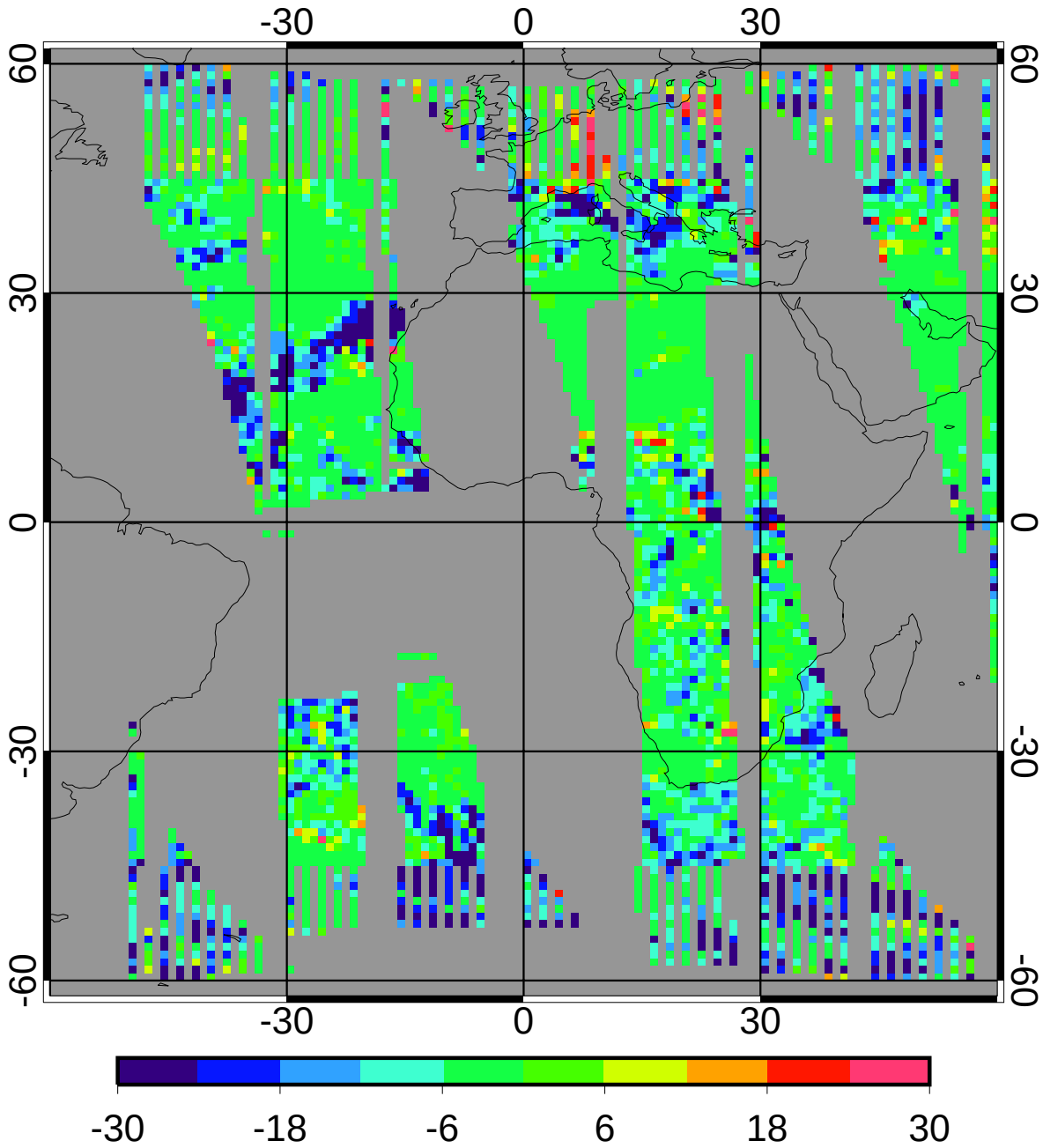
CERES/Terra MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Oct 2010



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

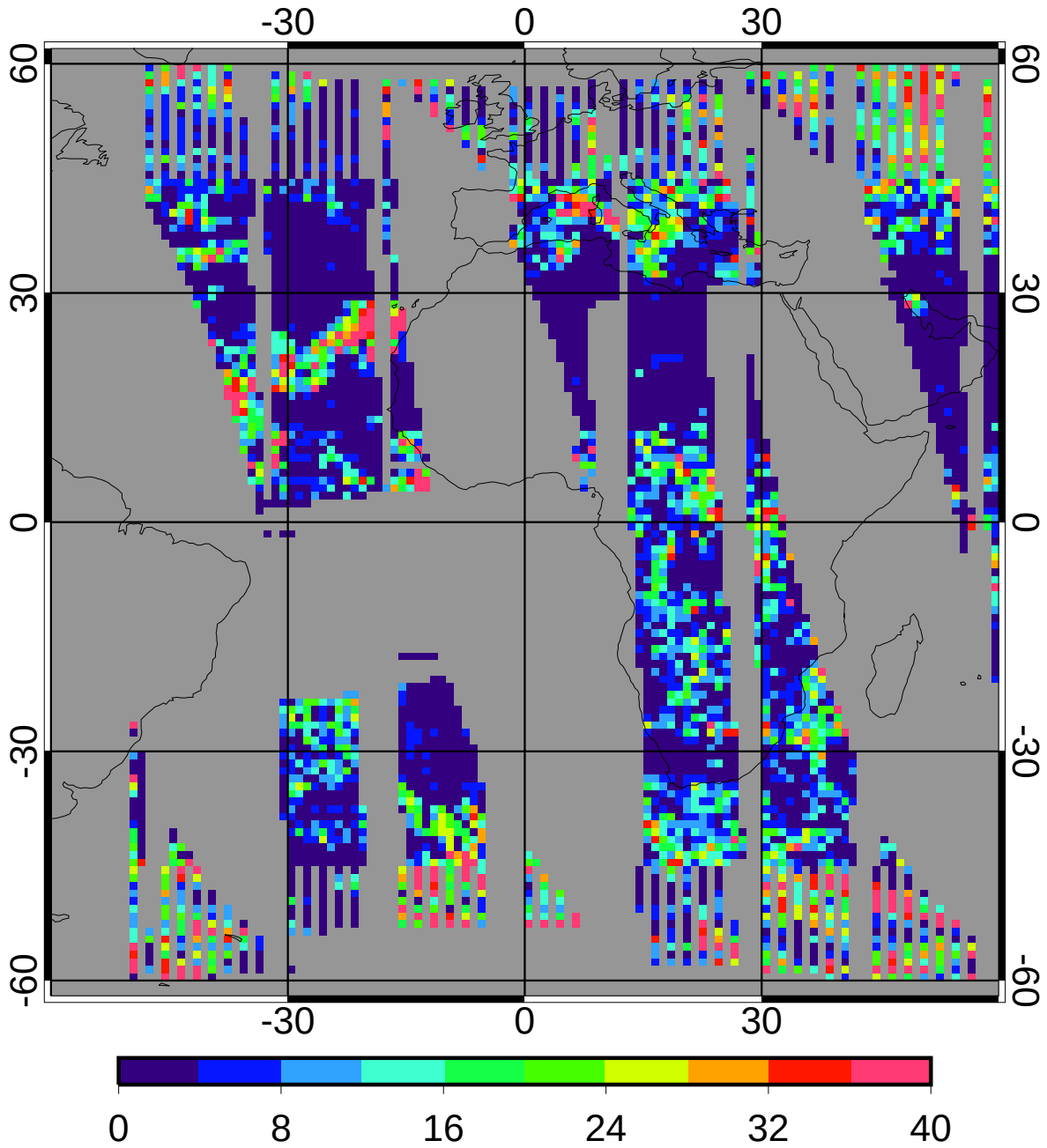
5ch_39cal Oct 2010



bias	-5.99	-20.68%
domain sigma	9.74	33.61%

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

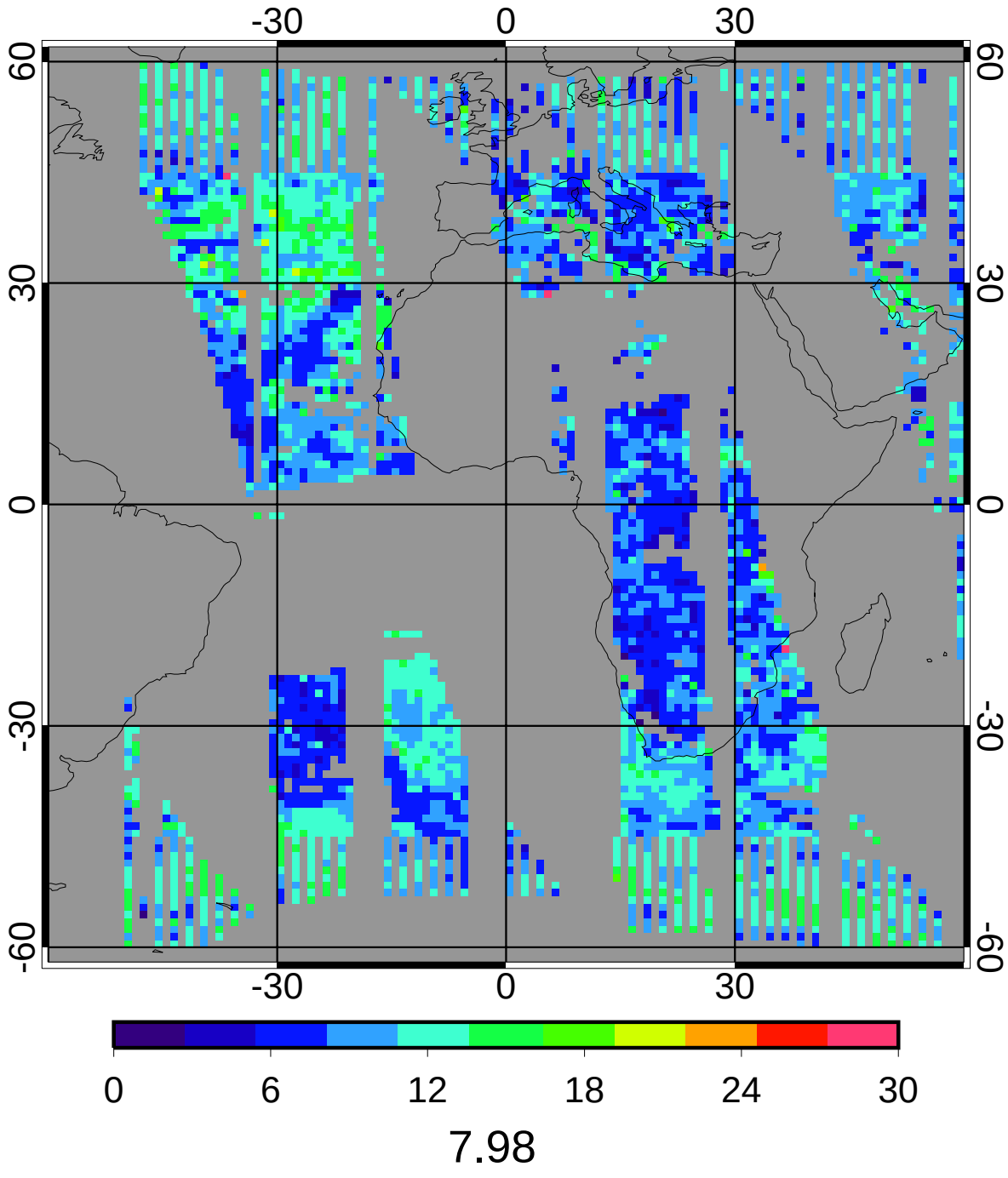
5ch_39cal Oct 2010



regave rms	8.66	29.89%
domain rms	12.95	44.70%

GGEO MEAN Nighttime Liquid Particle Size (microns)

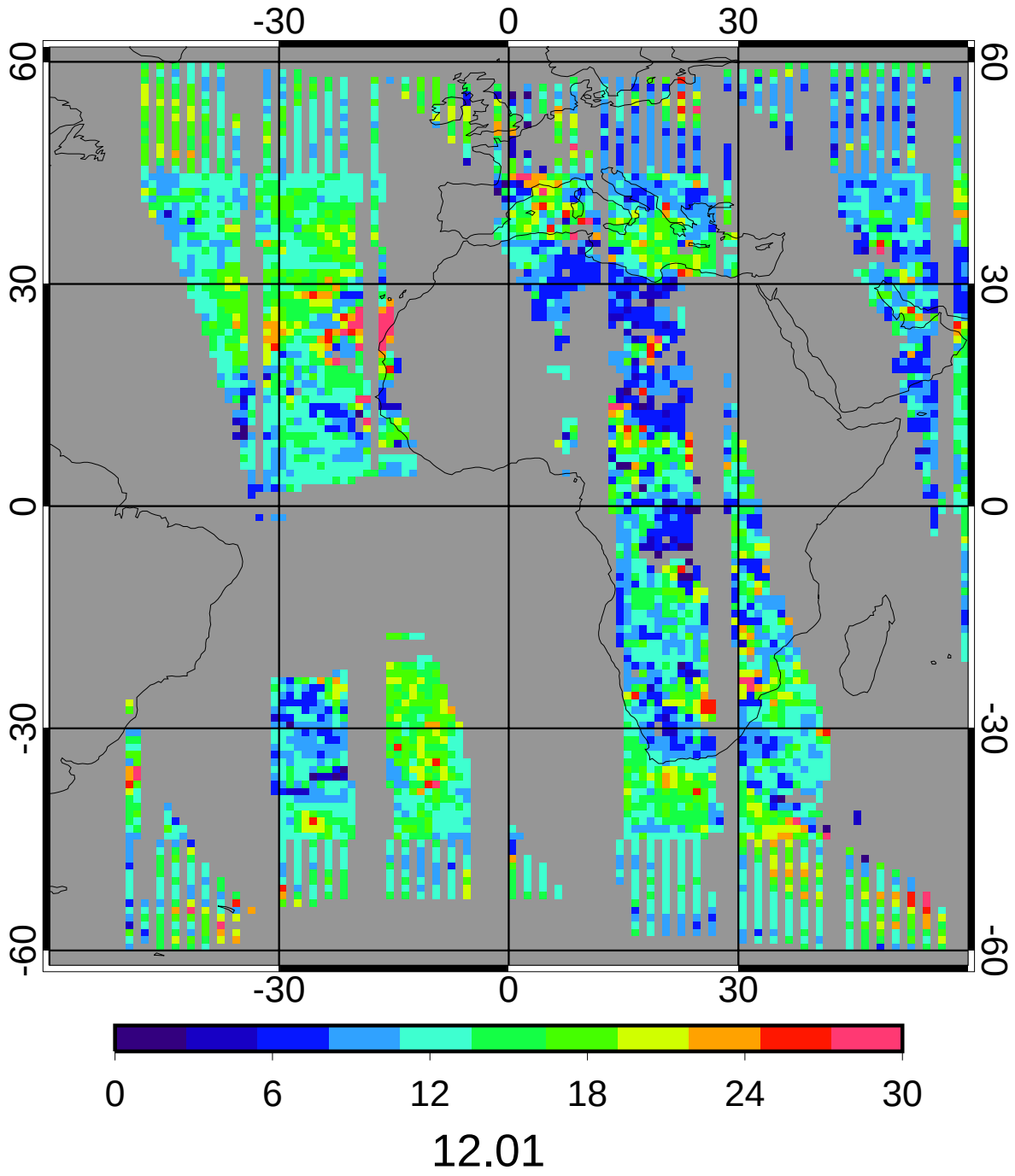
5ch_39cal Oct 2010



7.98

CERES/Terra MEAN Nighttime Liquid Particle Size (microns)

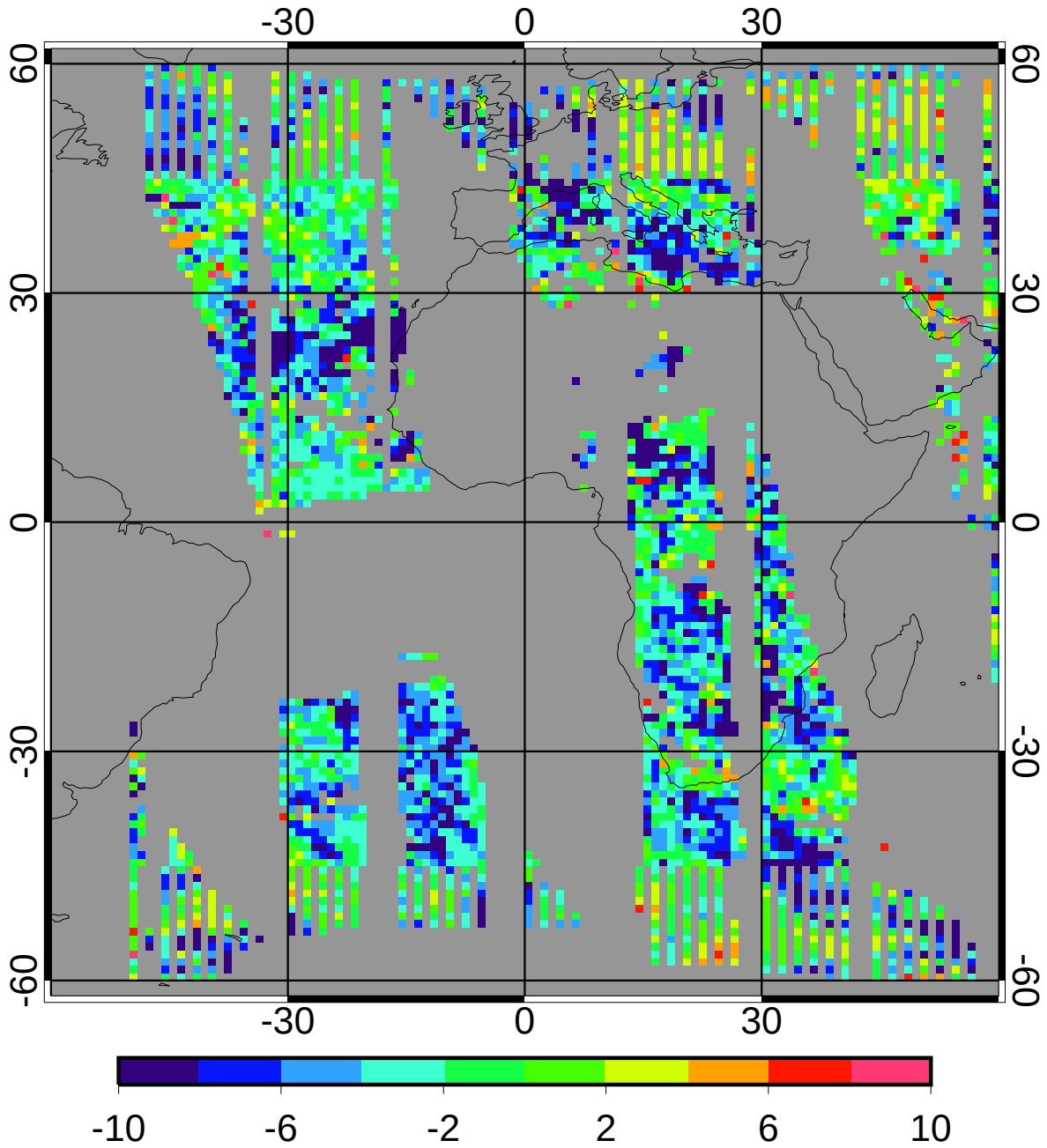
5ch_39cal Oct 2010



12.01

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

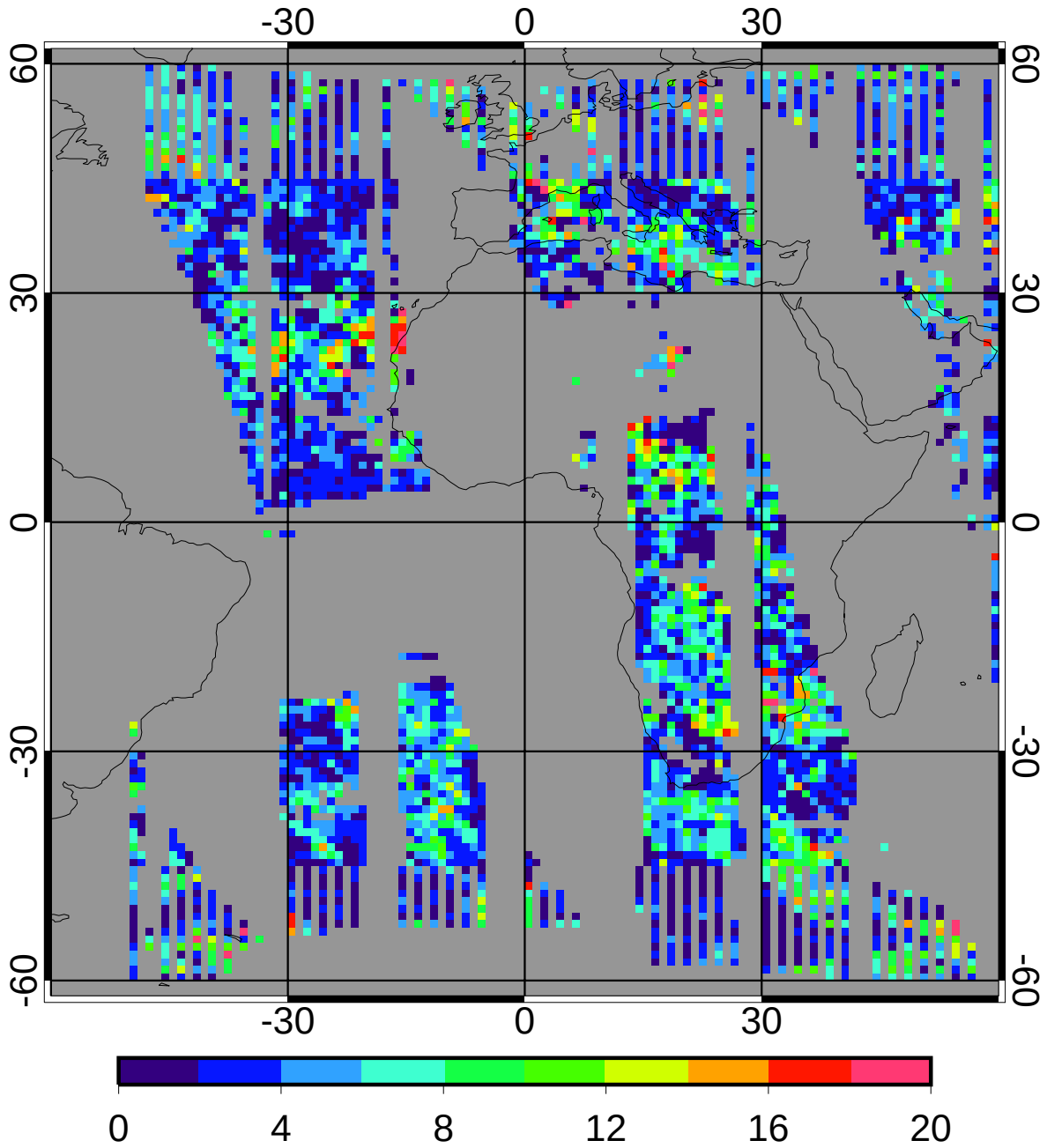
5ch_39cal Oct 2010



bias	-2.78	-23.14%
domain sigma	3.77	31.43%

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

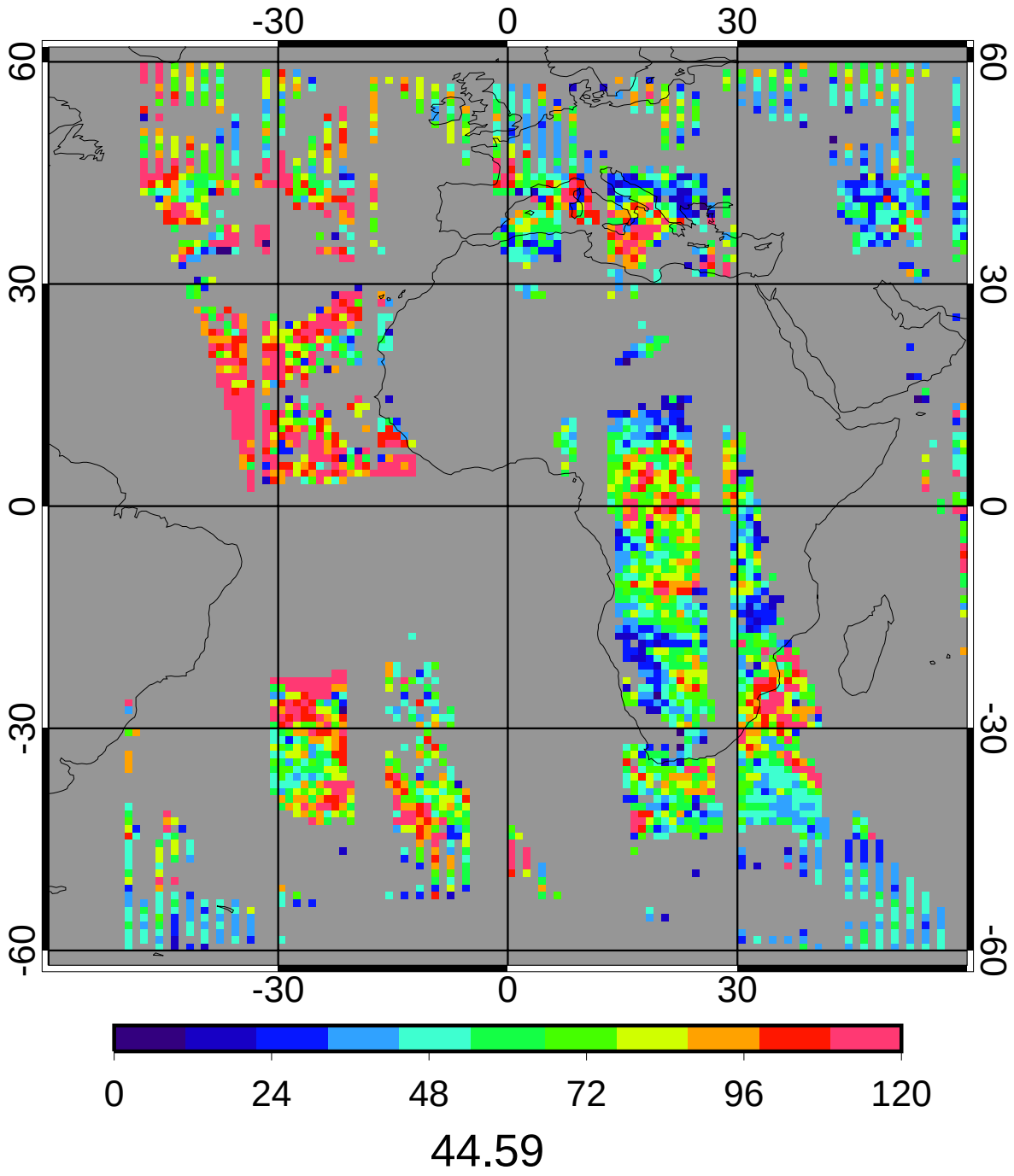
5ch_39cal Oct 2010



regave rms	3.89	32.36%
domain rms	5.49	45.71%

GGEO MEAN Nighttime Ice Particle Size (microns)

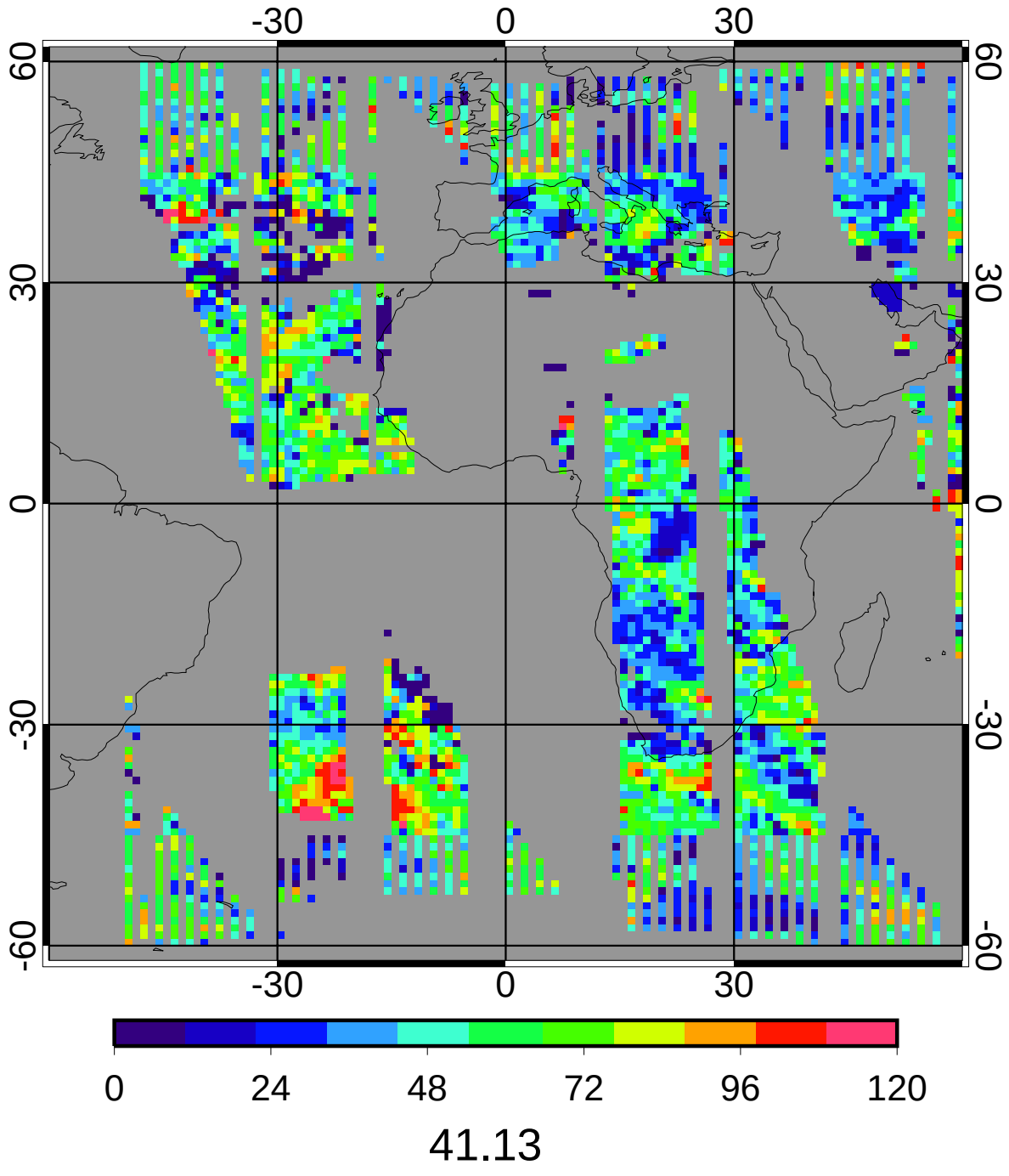
5ch_39cal Oct 2010



44.59

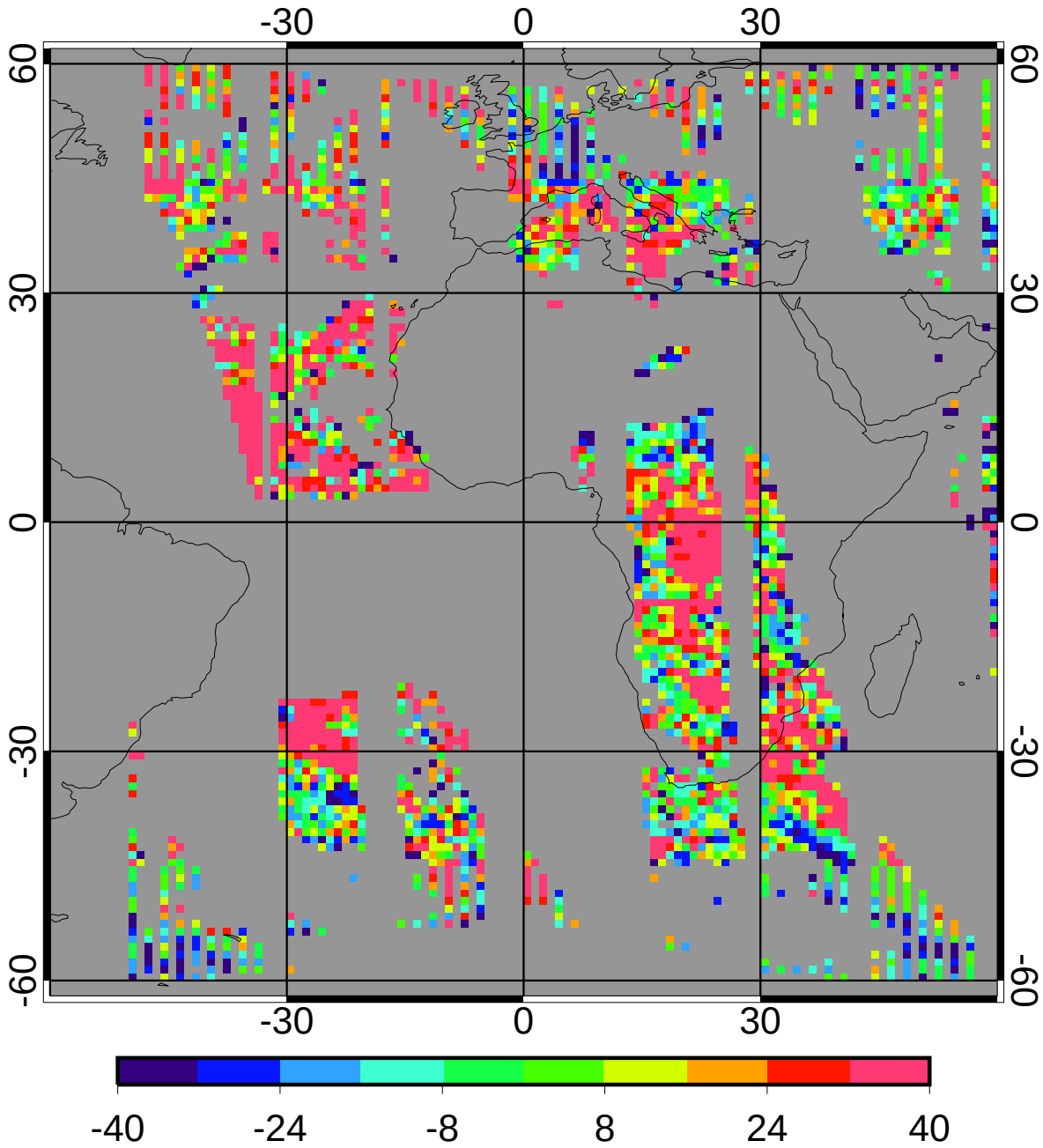
CERES/Terra MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Oct 2010



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

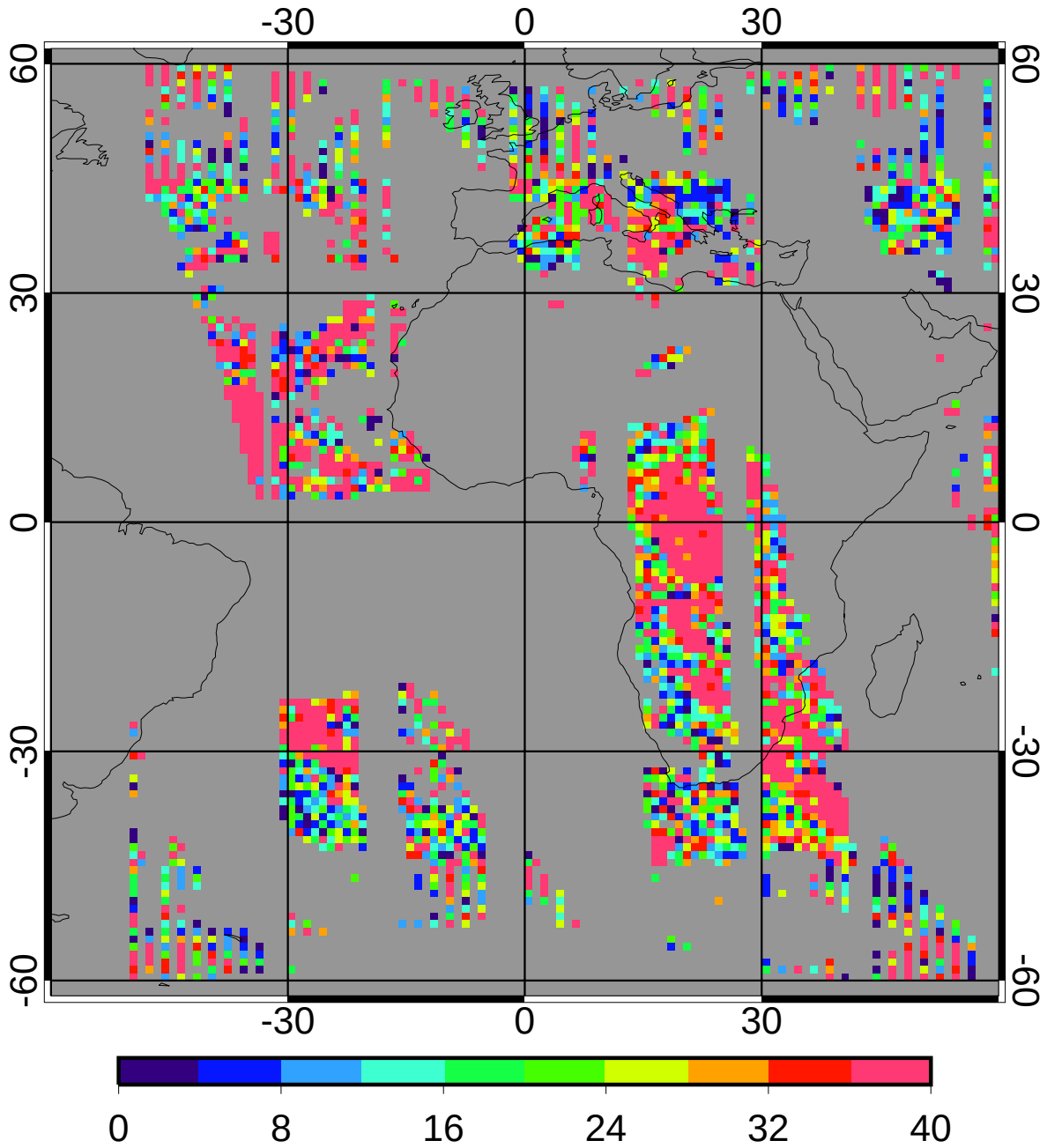
5ch_39cal Oct 2010



bias	9.70	23.59%
domain sigma	27.96	67.98%

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

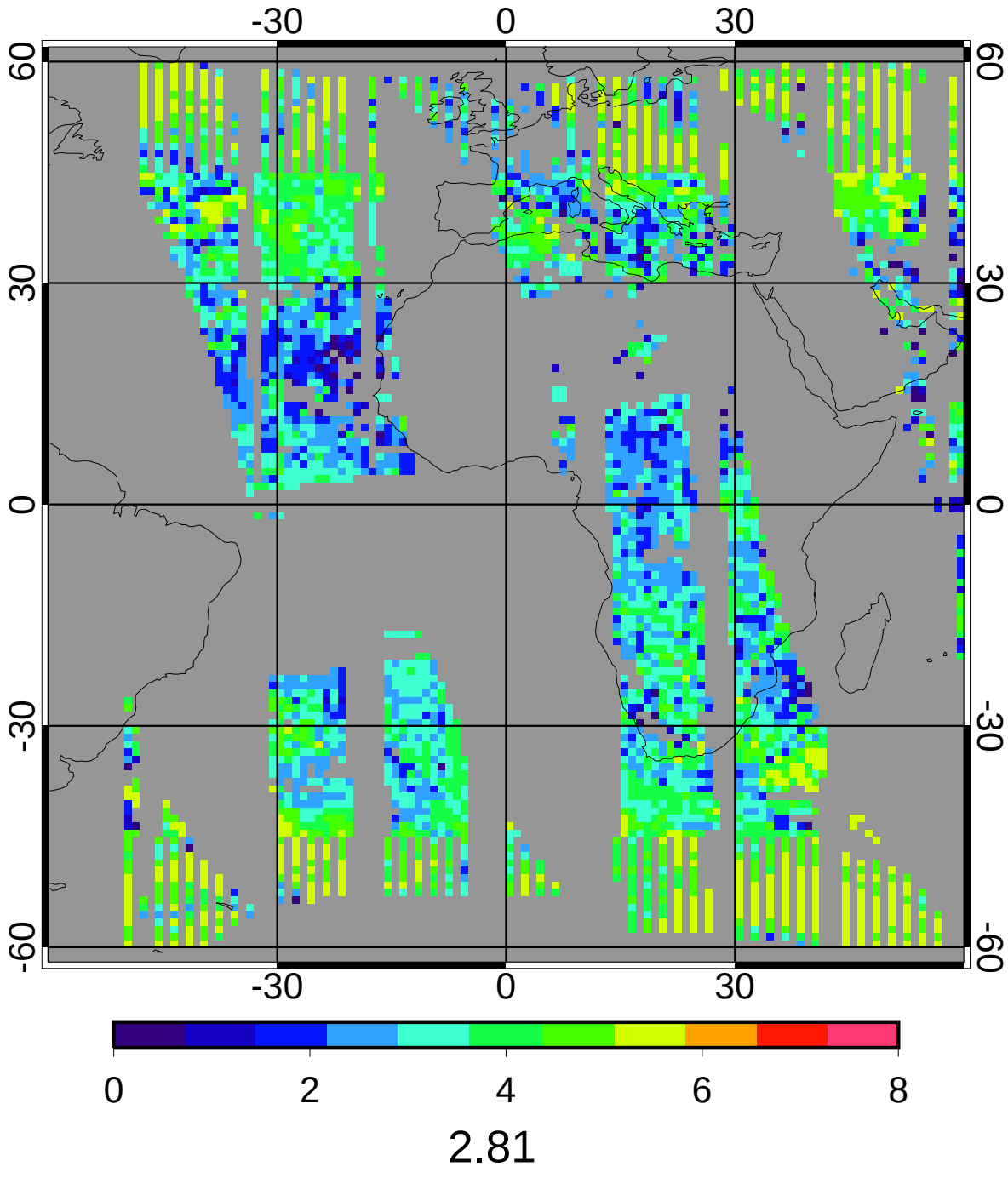
5ch_39cal Oct 2010



regave rms	19.68	47.86%
domain rms	34.89	84.83%

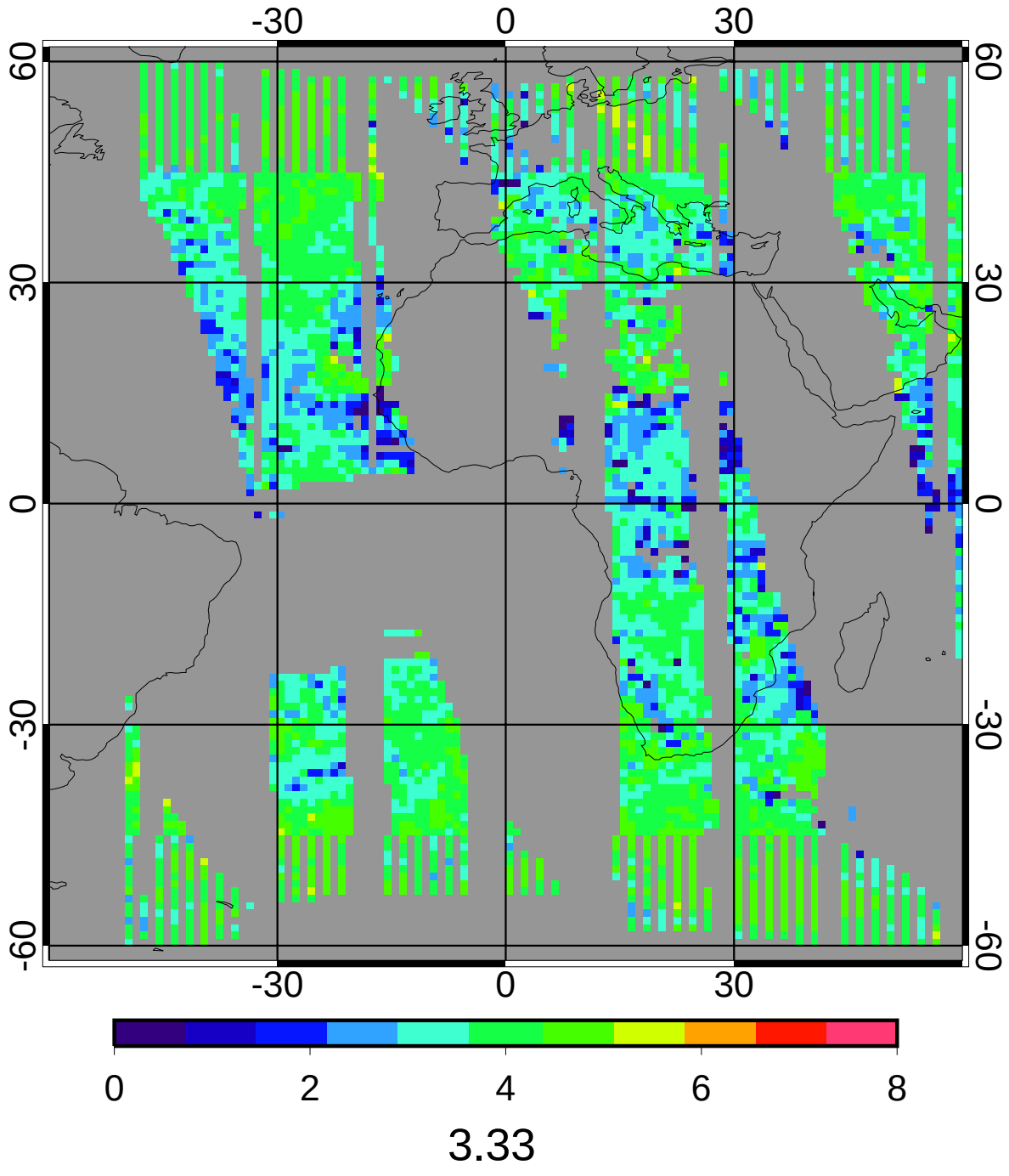
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010



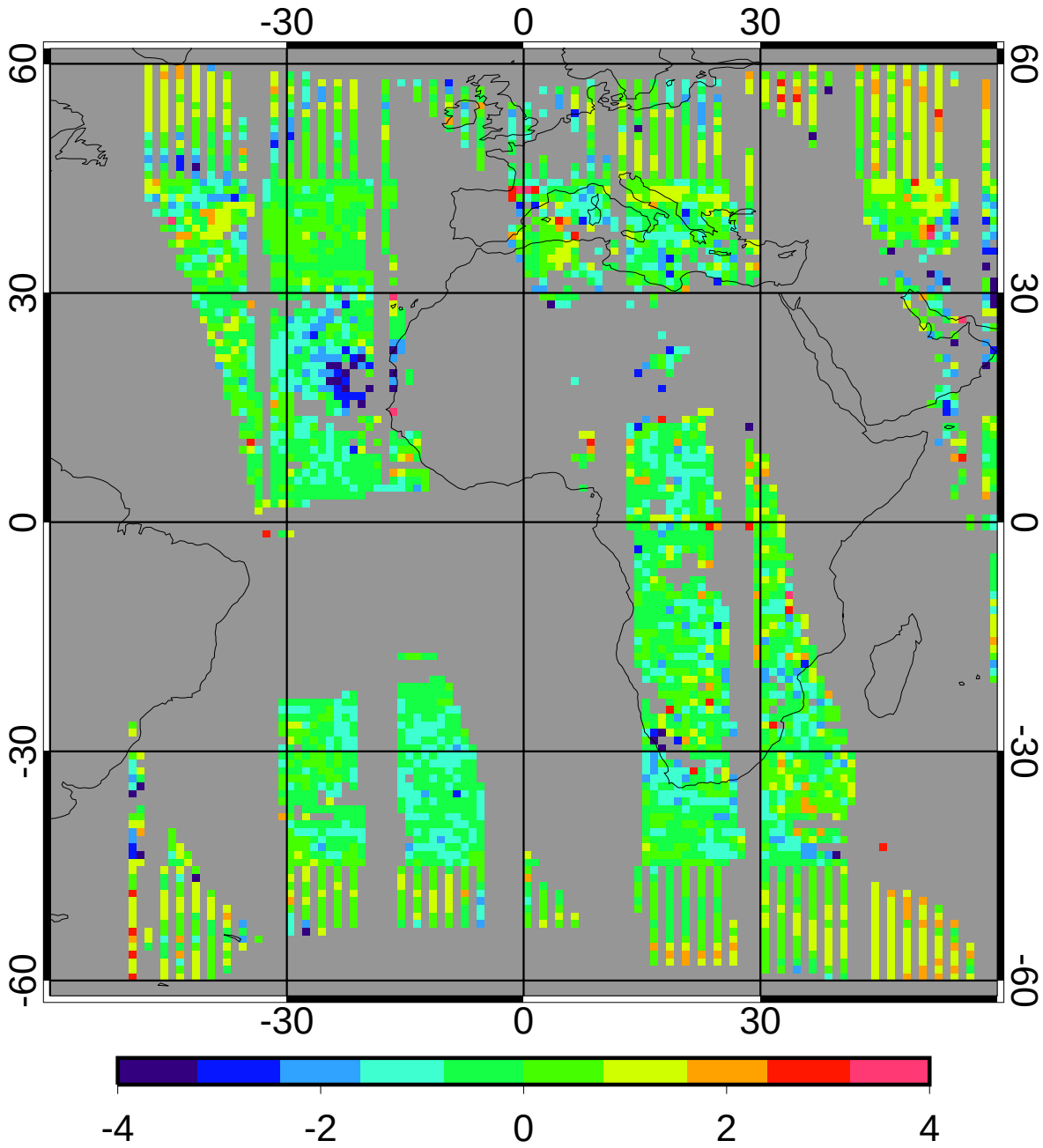
CERES/Terra MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010



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

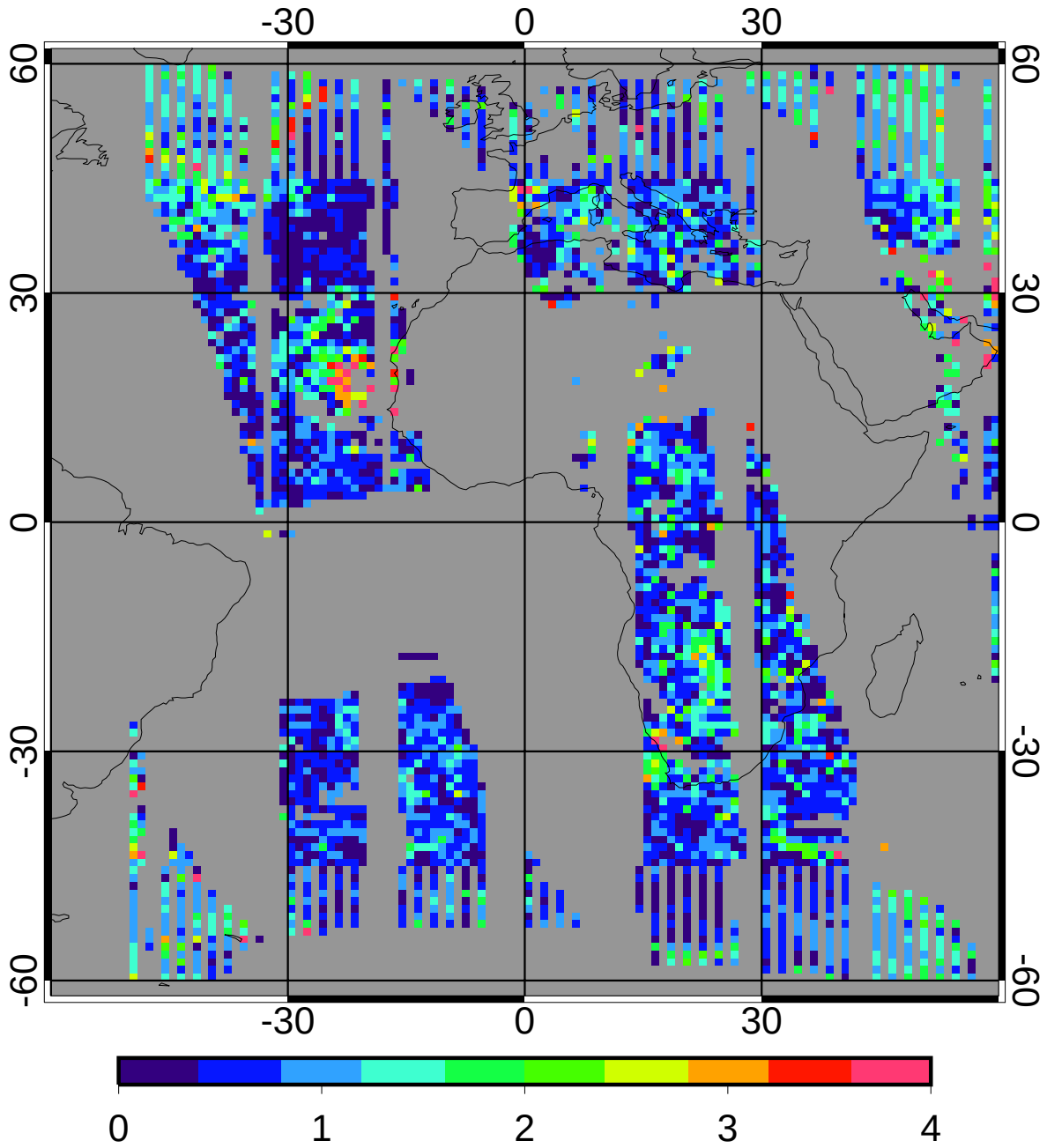
5ch_39cal Oct 2010



bias	-0.15	-4.49%
domain sigma	0.85	25.46%

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

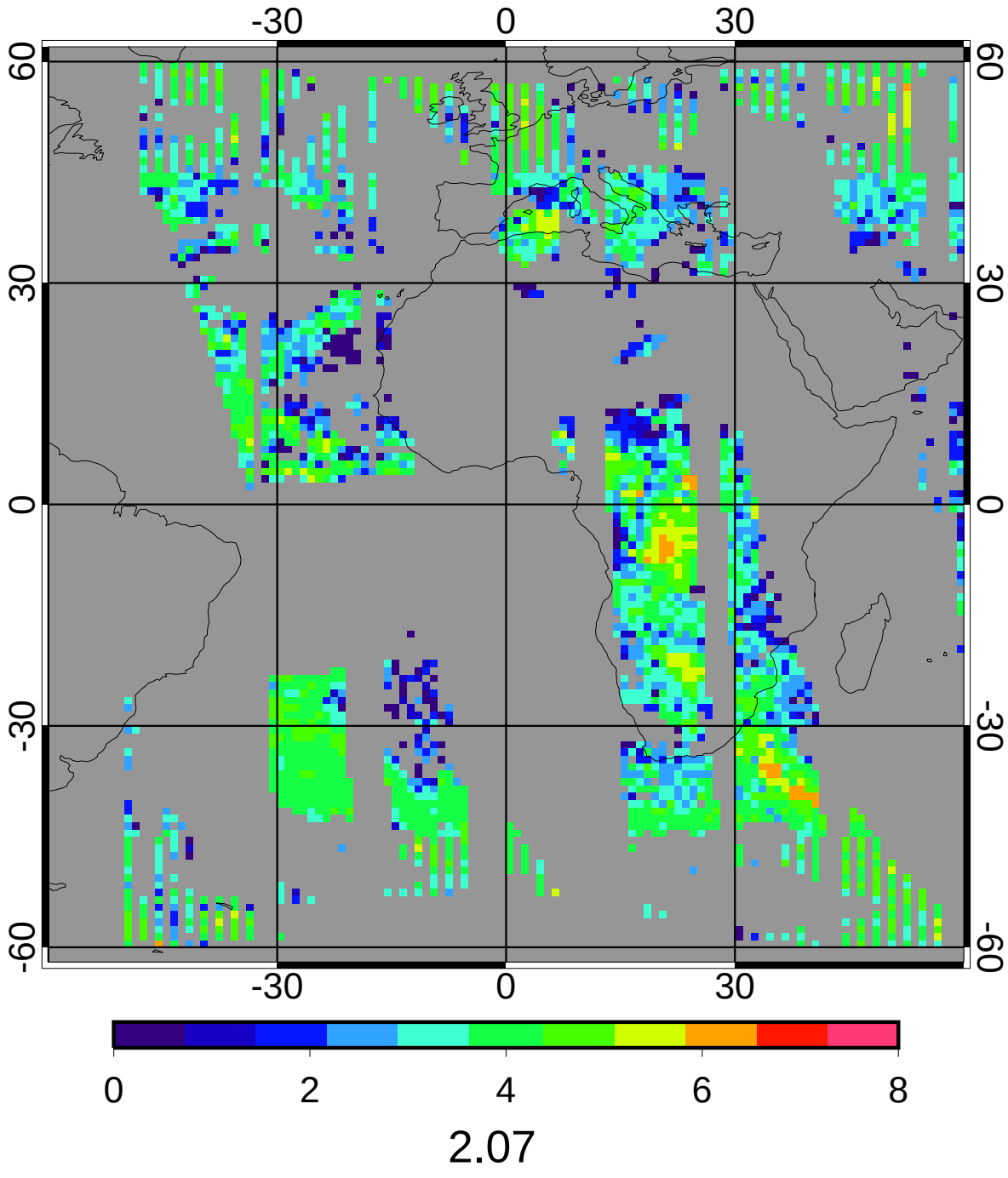
5ch_39cal Oct 2010



regave rms	0.71	21.17%
domain rms	1.01	30.42%

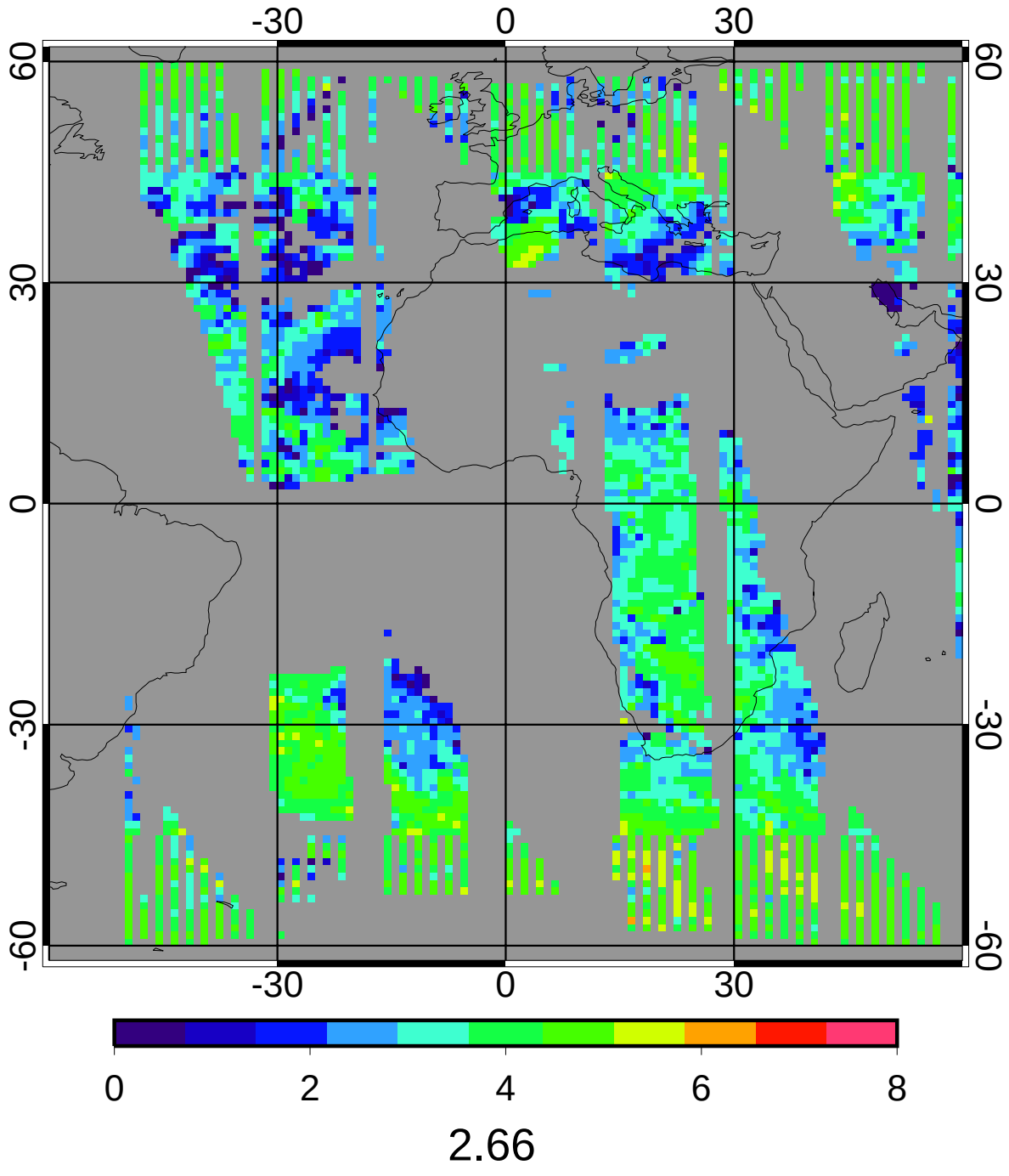
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010



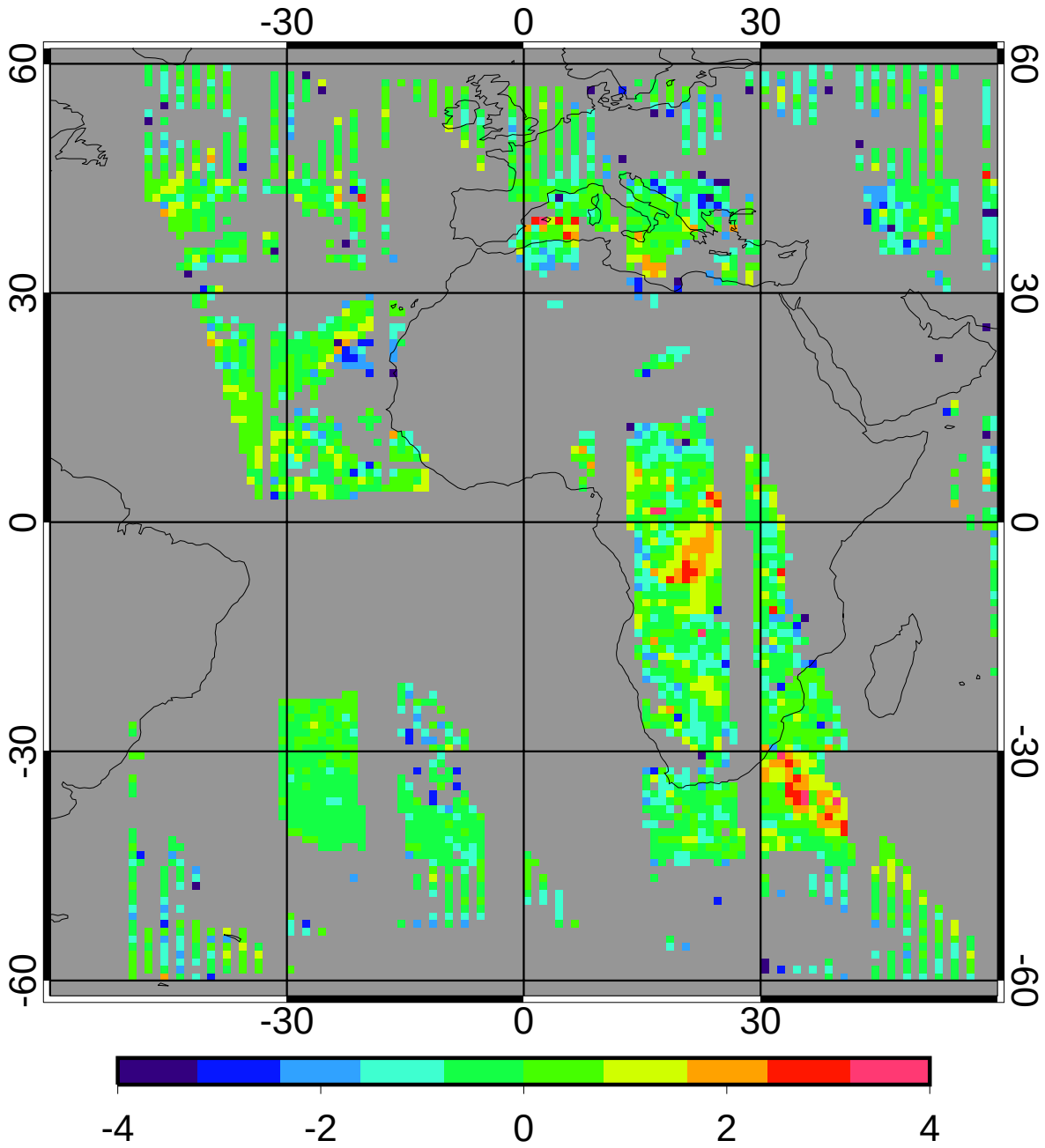
CERES/Terra MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010



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

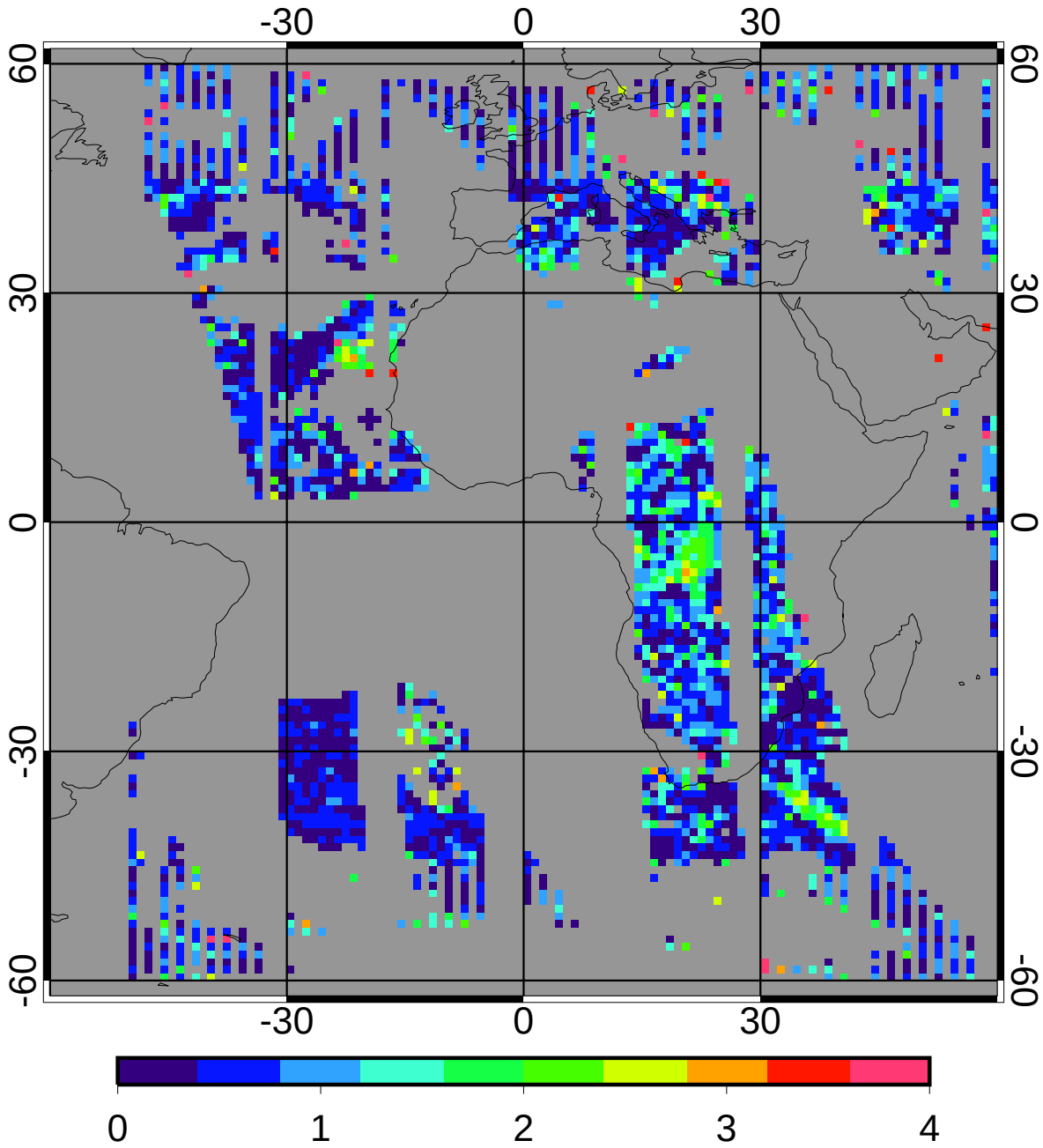
5ch_39cal Oct 2010



bias	-0.12	-4.37%
domain sigma	0.84	31.54%

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

5ch_39cal Oct 2010



regave rms	0.48	18.12%
domain rms	0.94	35.54%