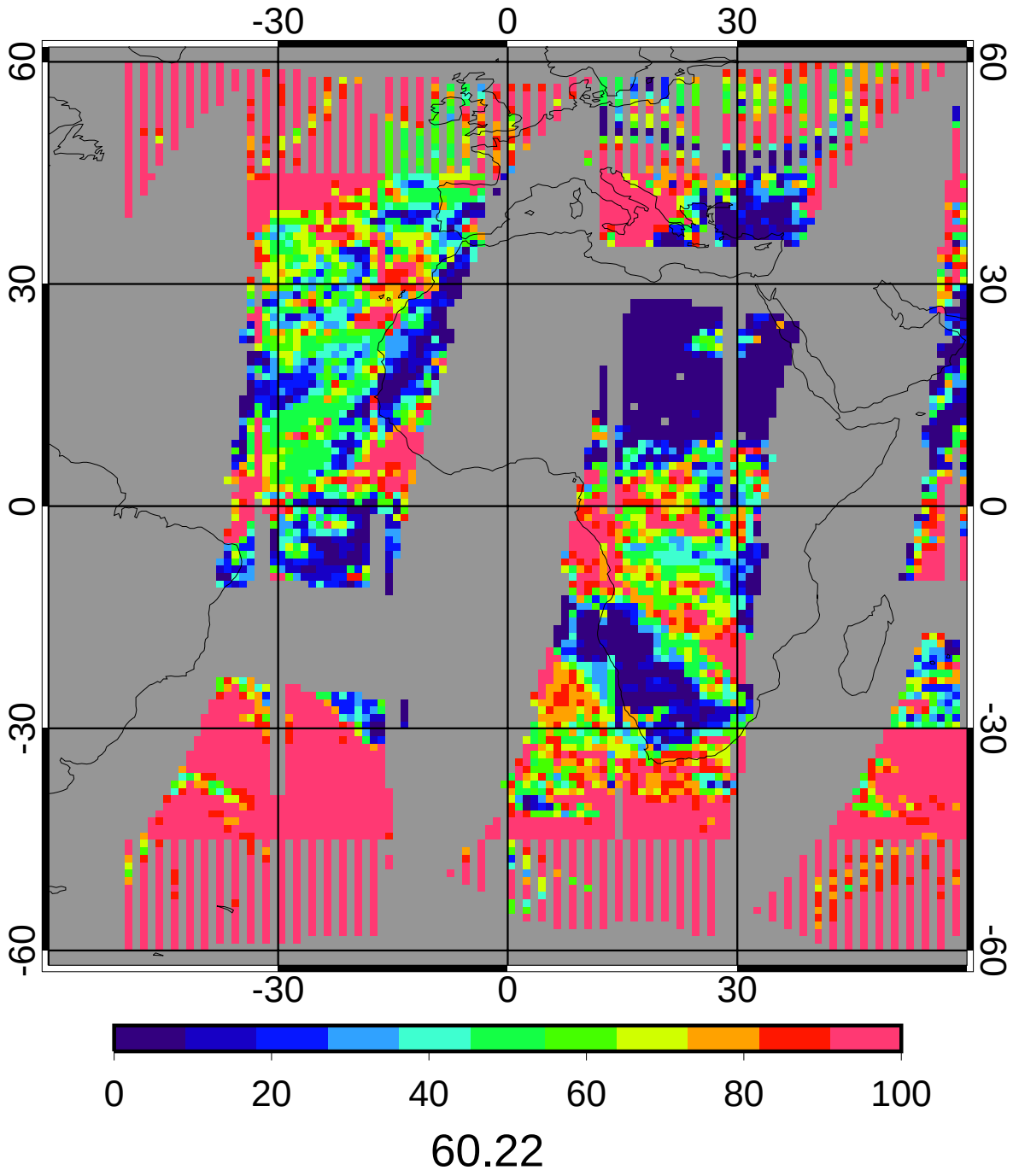
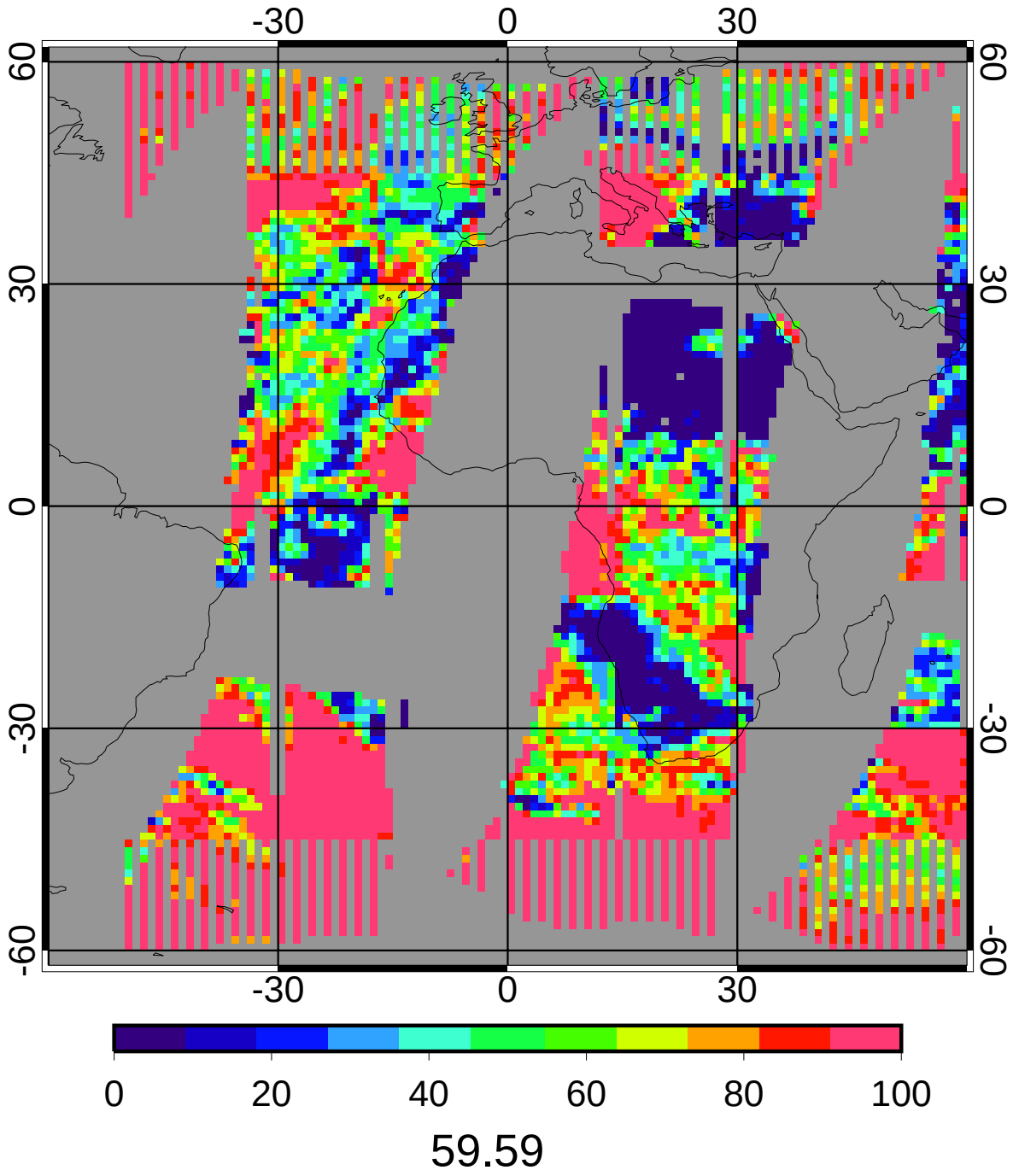
GGEO MEAN Daytime Cloud Amount (%)

5ch_39cal Apr 2010



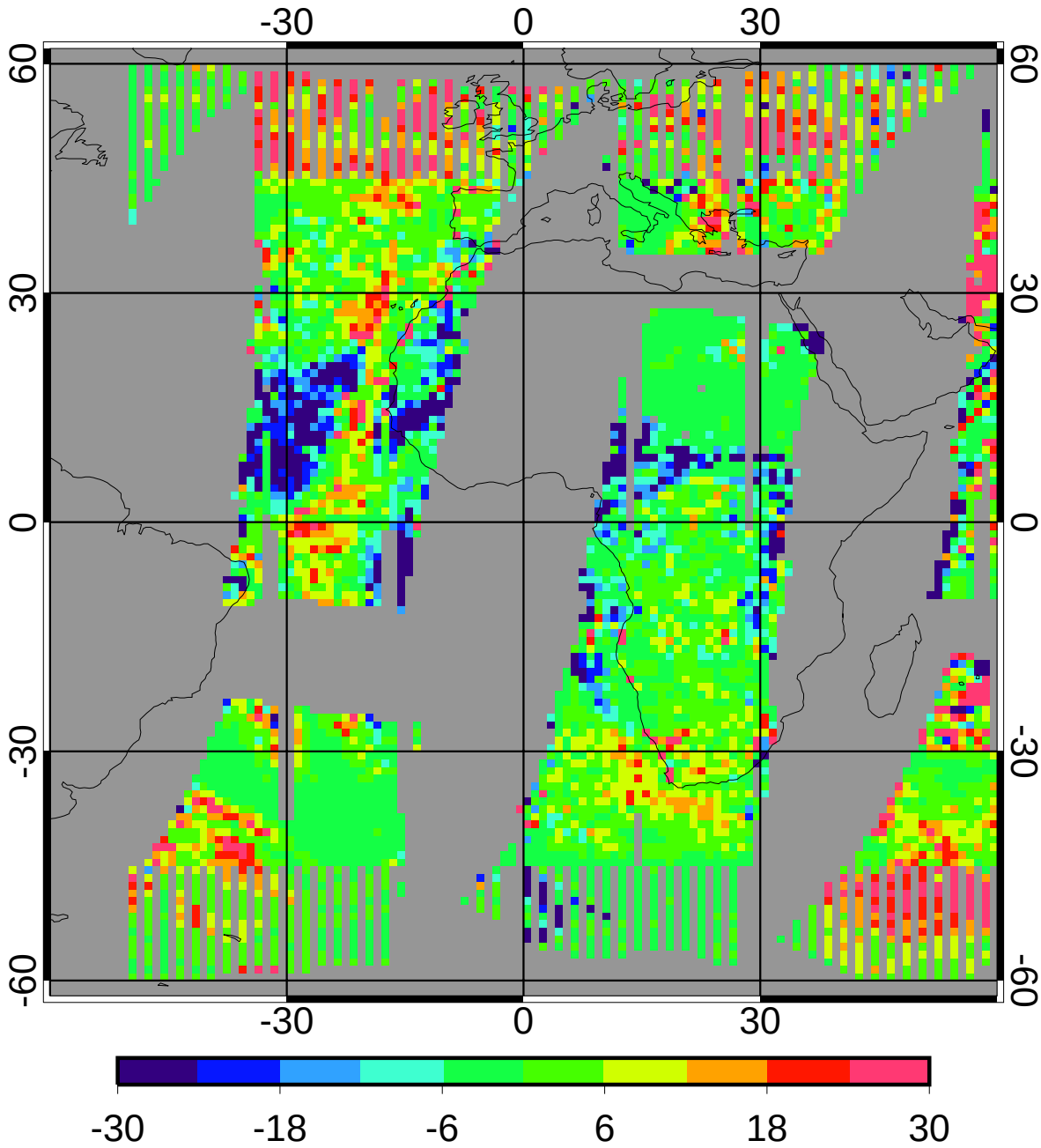
CERES/Terra MEAN Daytime Cloud Amount (%)

5ch_39cal Apr 2010



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

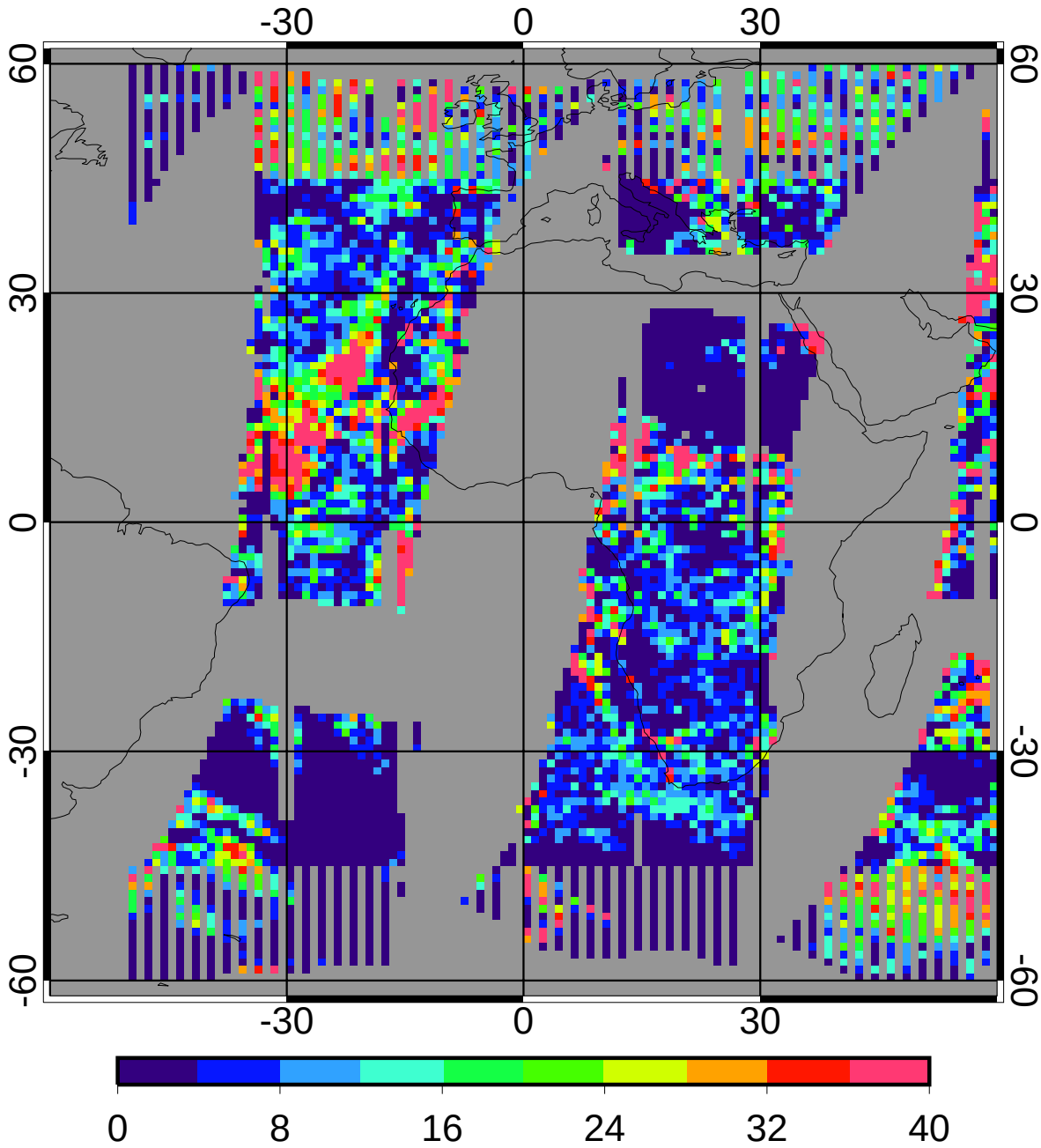
5ch_39cal Apr 2010



bias	0.63	1.06%
domain sigma	13.24	22.22%

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

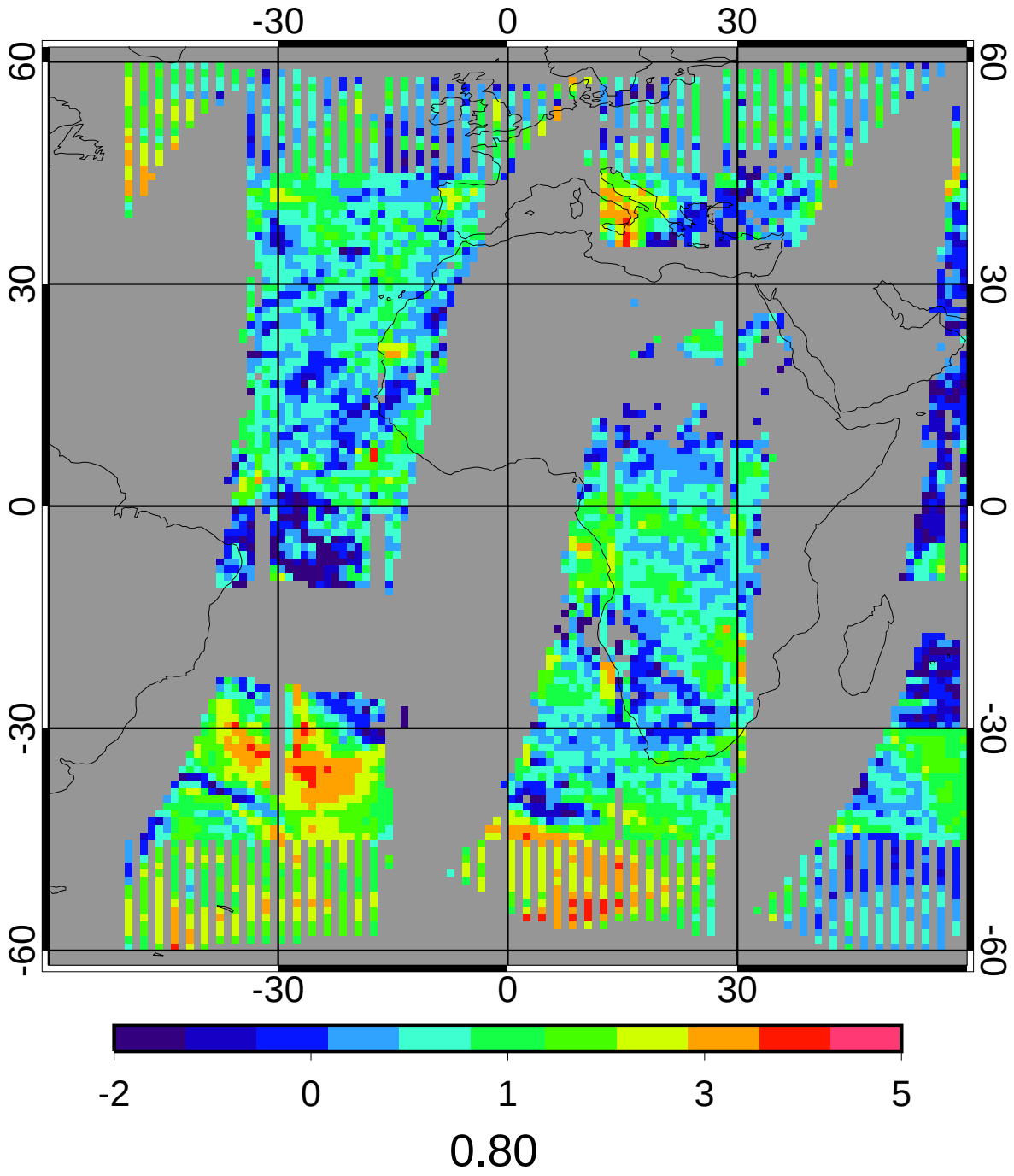
5ch_39cal Apr 2010



regave rms	10.89	18.28%
domain rms	15.79	26.49%

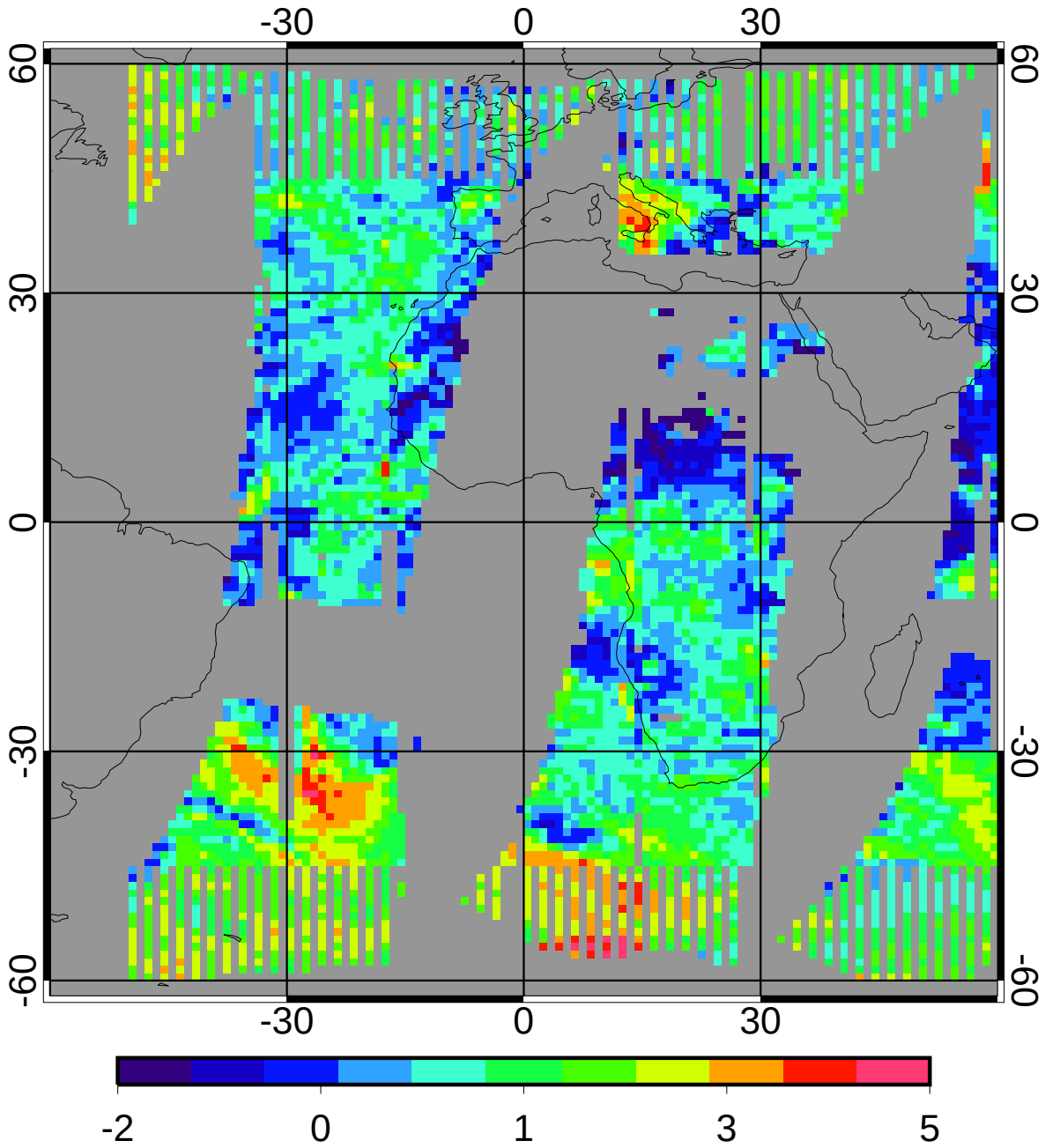
GGEO MEAN Daytime Log Optical Depth

5ch_39cal Apr 2010



CERES/Terra MEAN Daytime Log Optical Depth

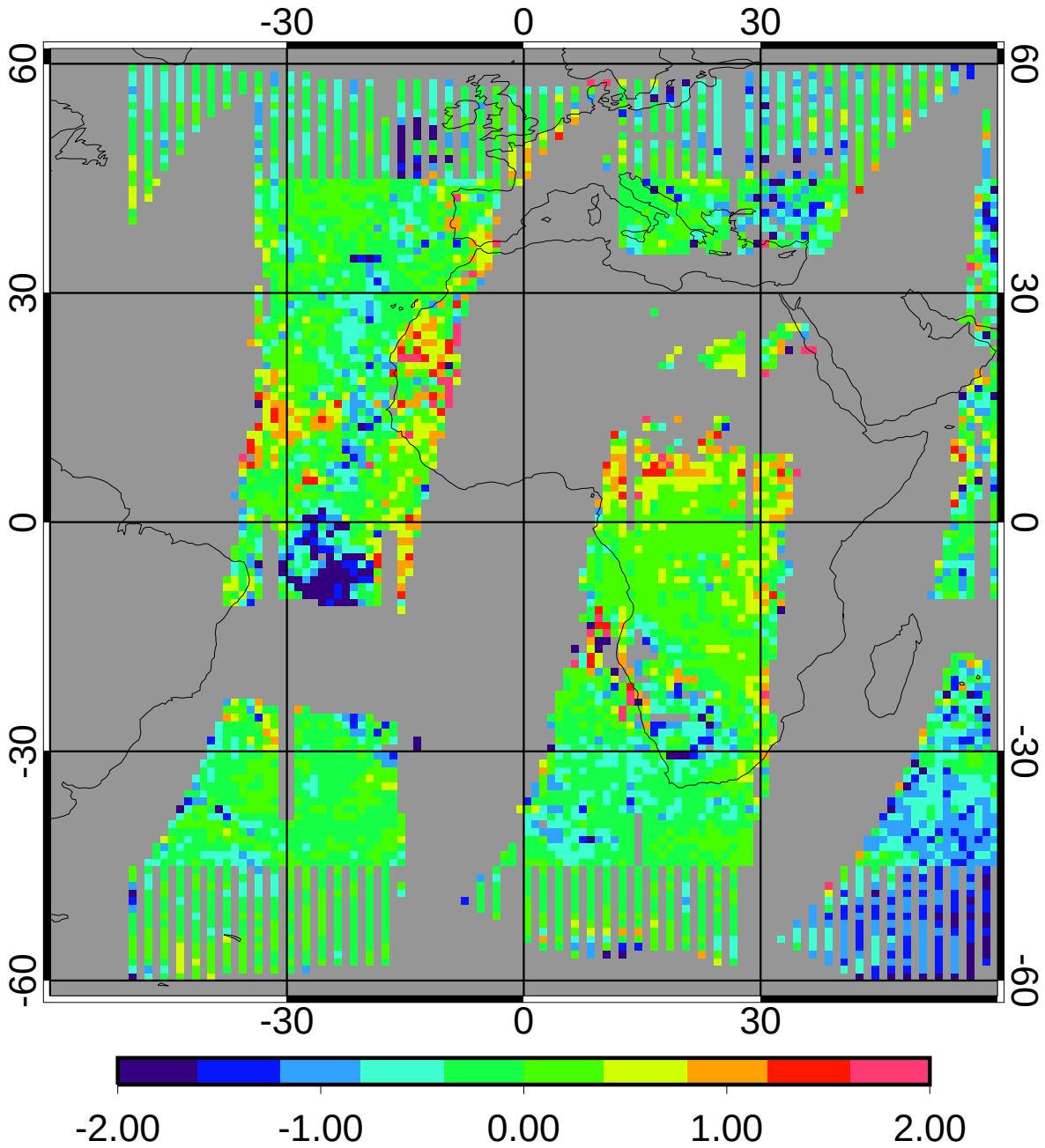
5ch_39cal Apr 2010



0.92

GGEO - CERES/Terra Daytime Log Optical Depth Bias

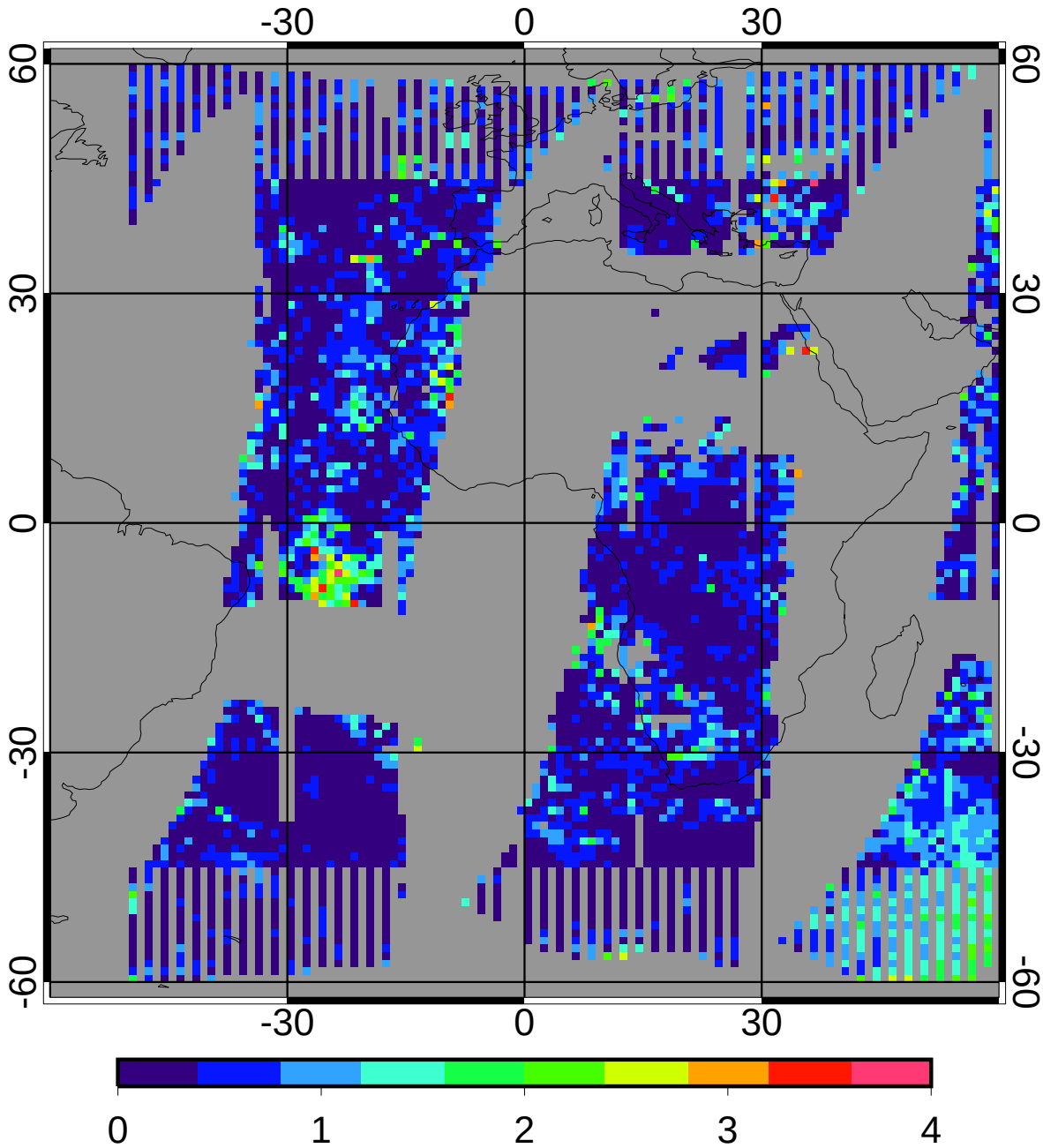
5ch_39cal Apr 2010



bias	-0.14	-15.02%
domain sigma	0.56	60.55%

GGEO - CERES/Terra Daytime Log Optical Depth RMS

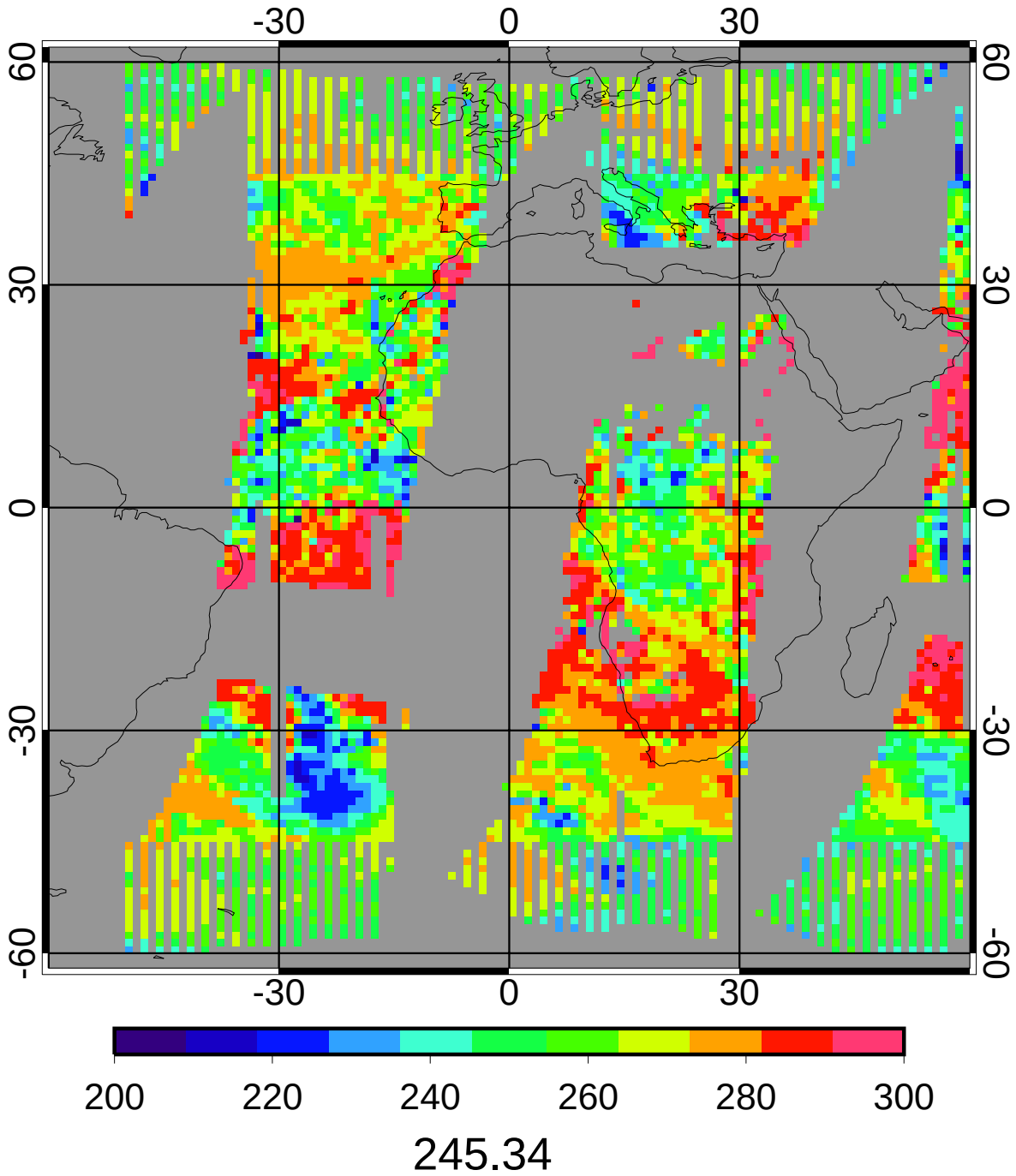
5ch_39cal Apr 2010



regave rms	0.47	50.74%
domain rms	0.62	67.88%

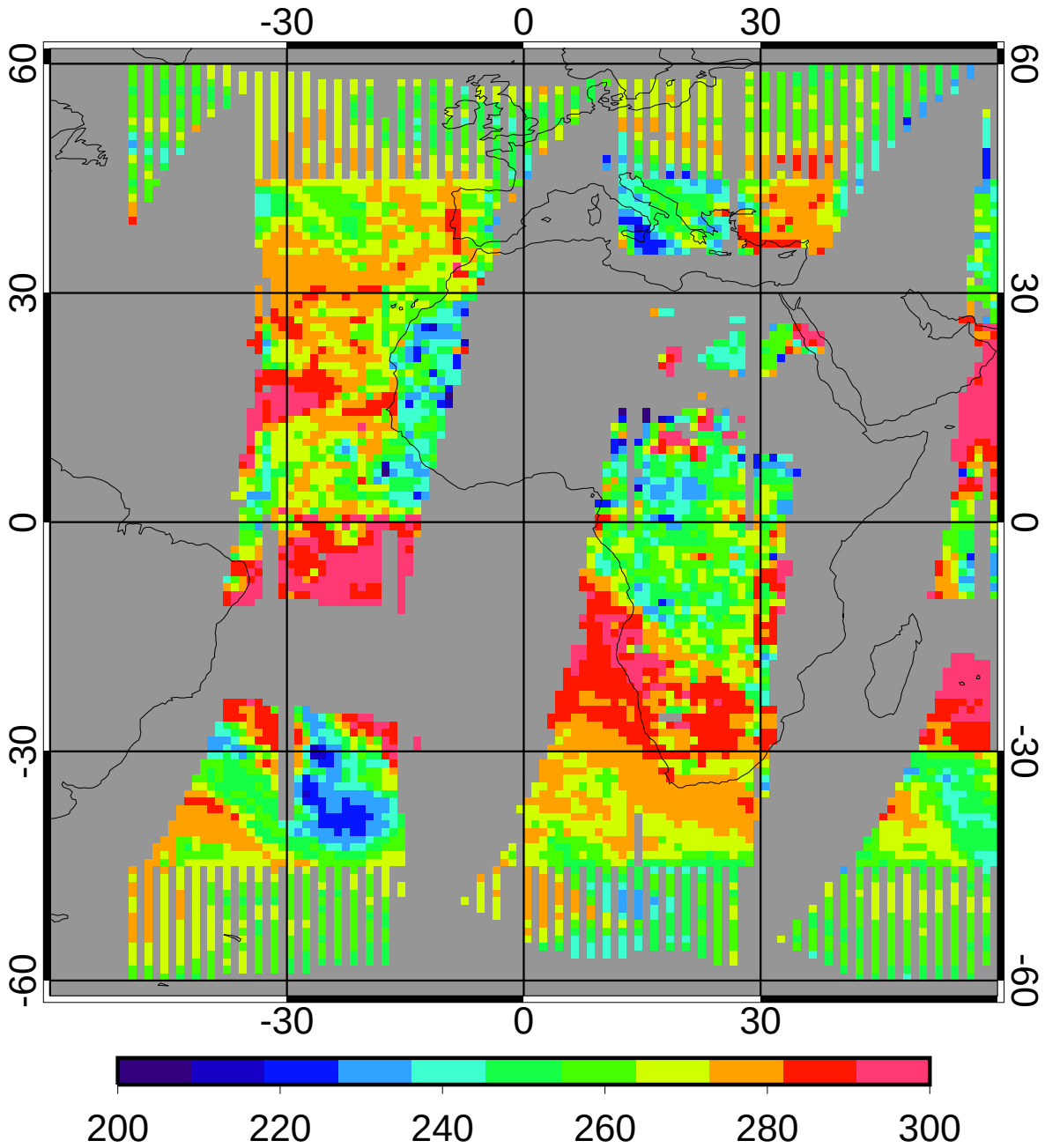
GGEO MEAN Daytime Cloud Temperature (K)

5ch_39cal Apr 2010



CERES/Terra MEAN Daytime Cloud Temperature (K)

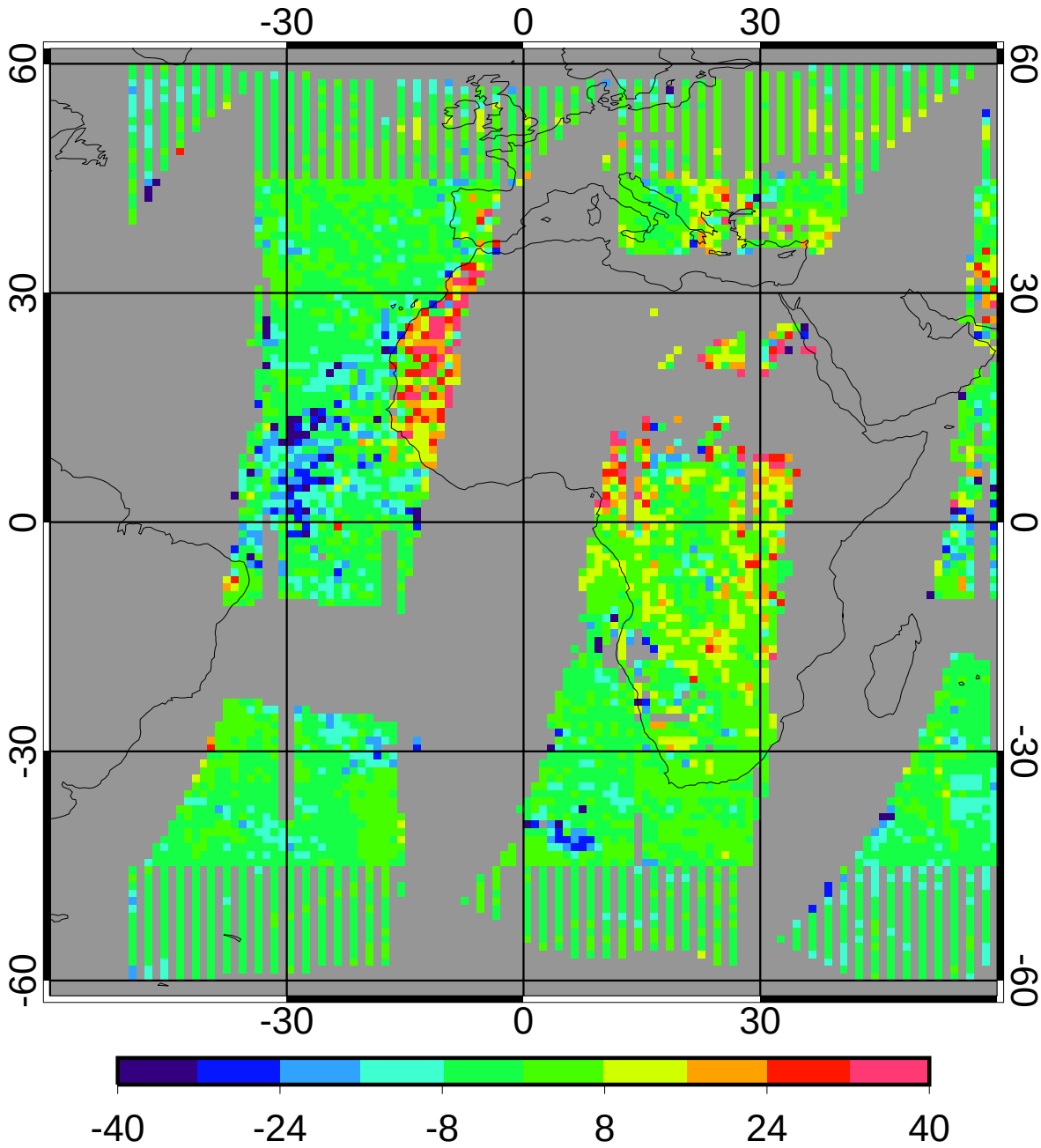
5ch_39cal Apr 2010



253.44

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

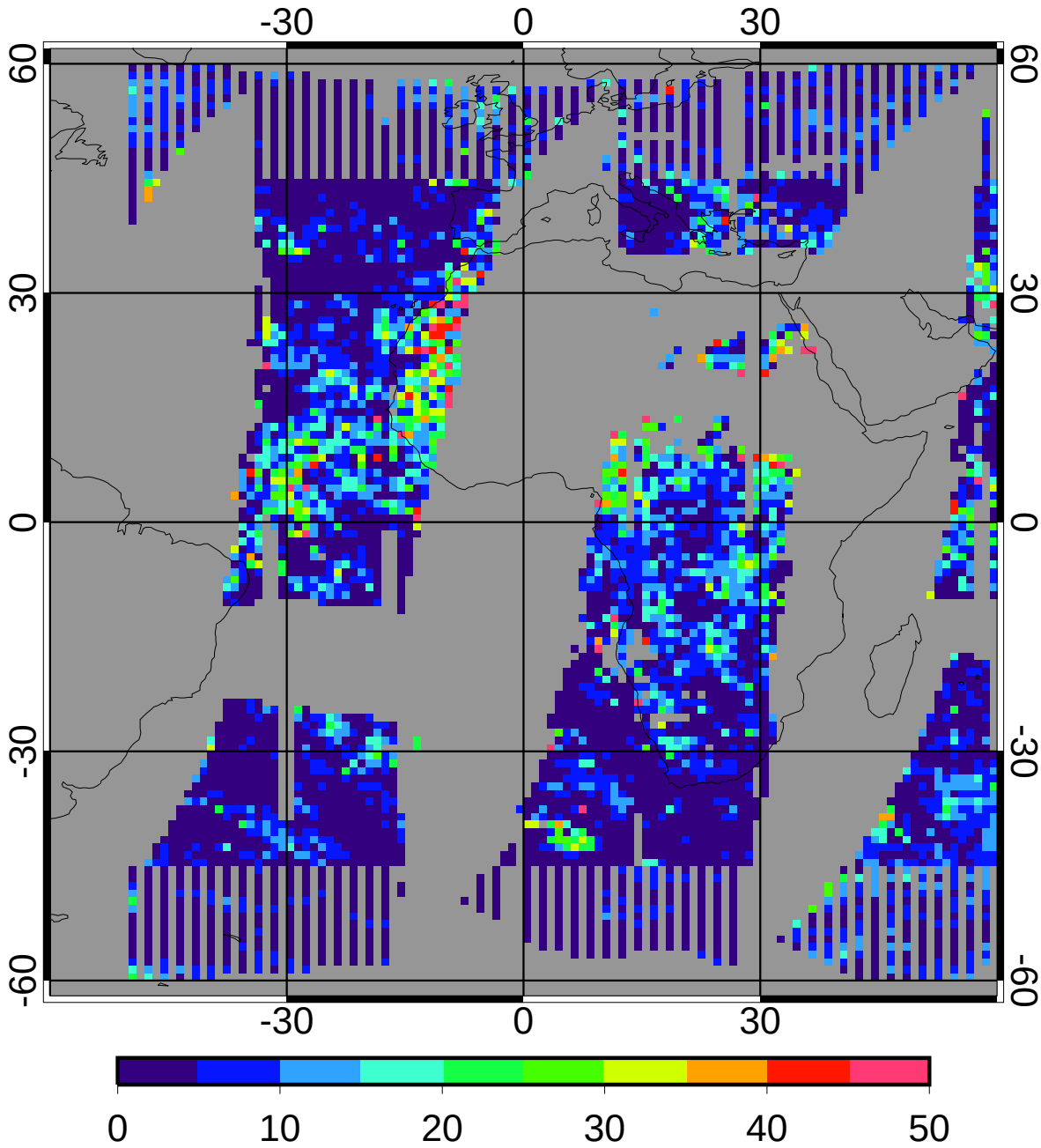
5ch_39cal Apr 2010



bias	-0.52	-0.21%
domain sigma	9.59	3.78%

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

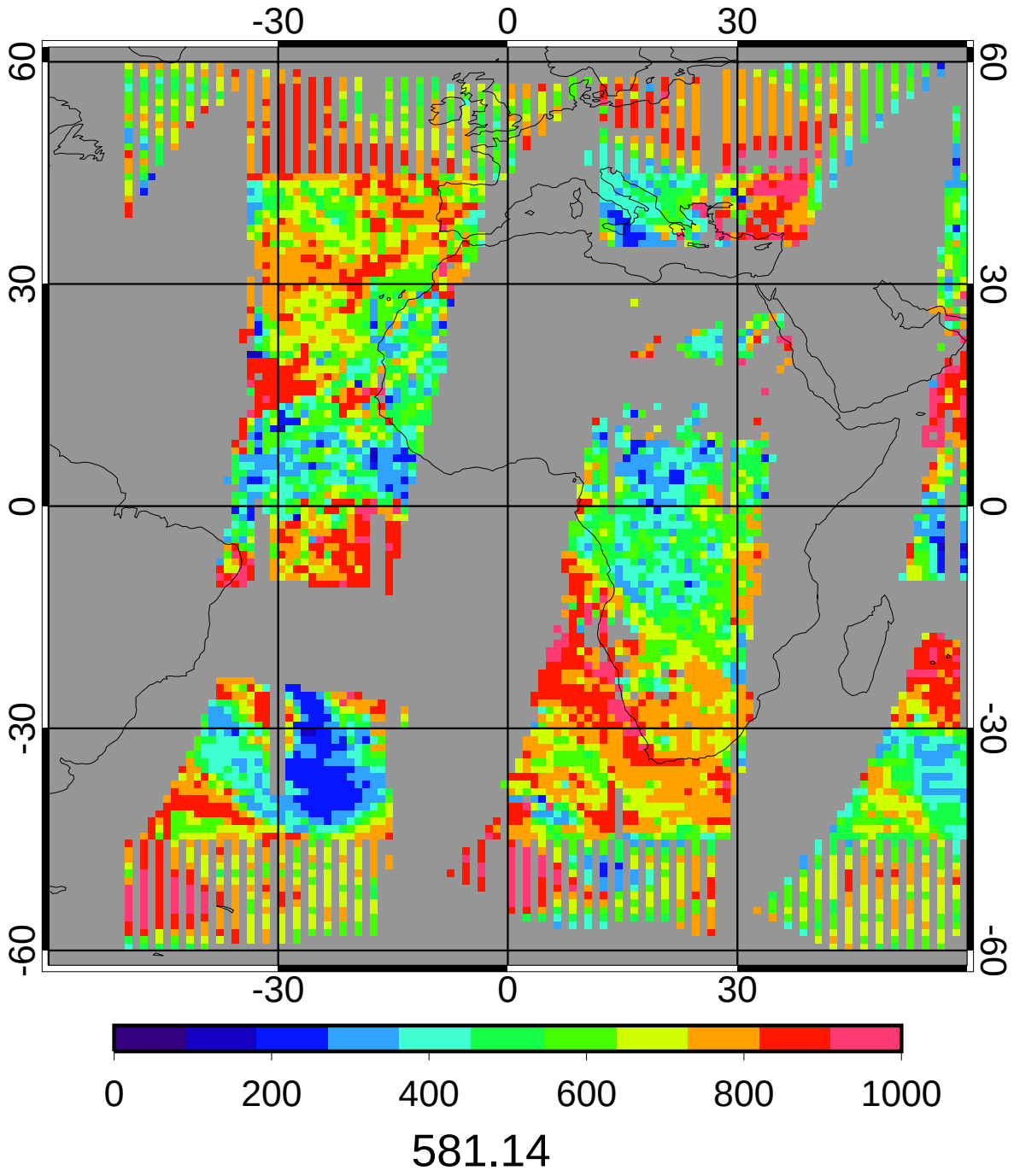
5ch_39cal Apr 2010



regave rms	6.99	2.76%
domain rms	10.32	4.07%

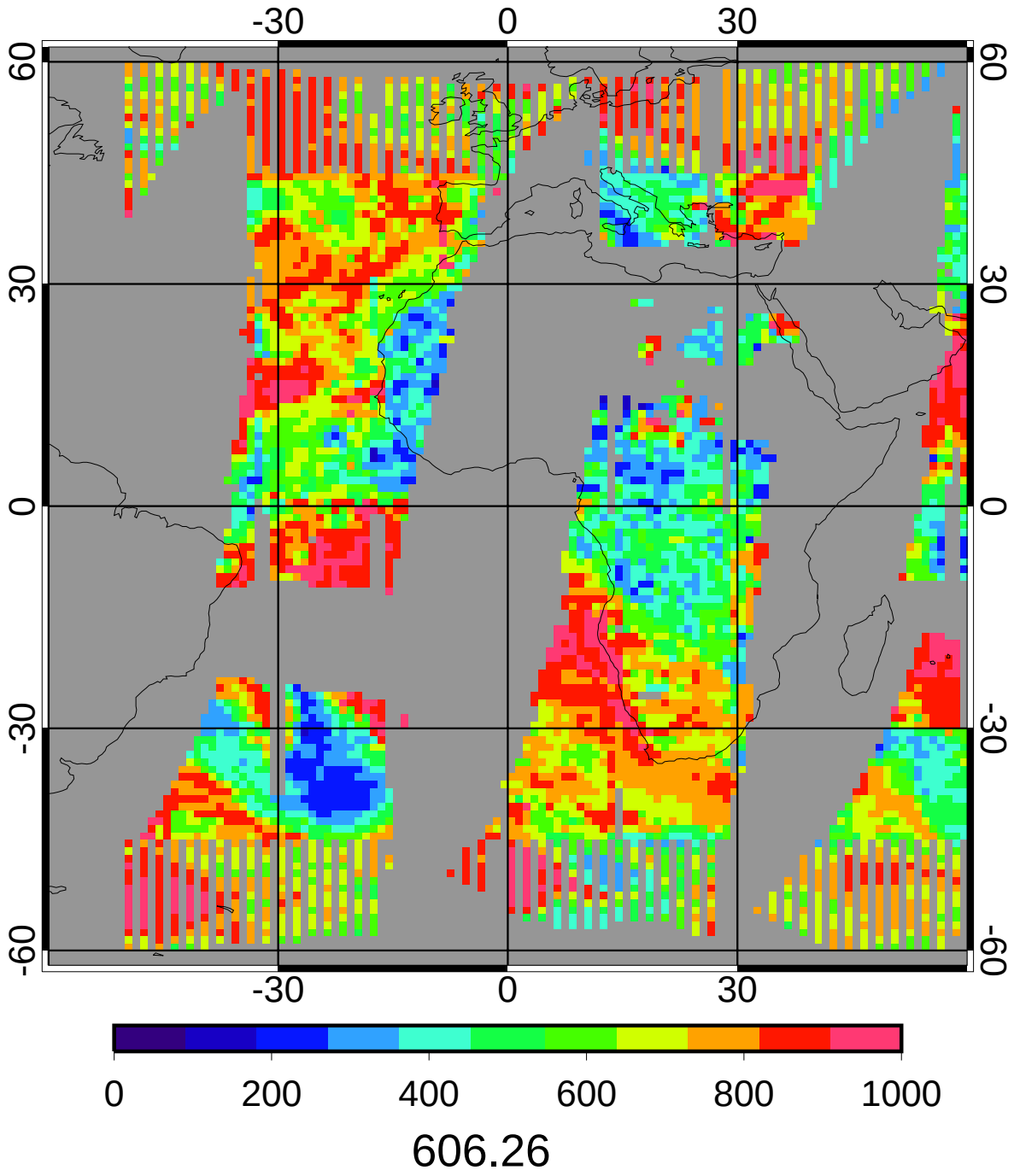
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



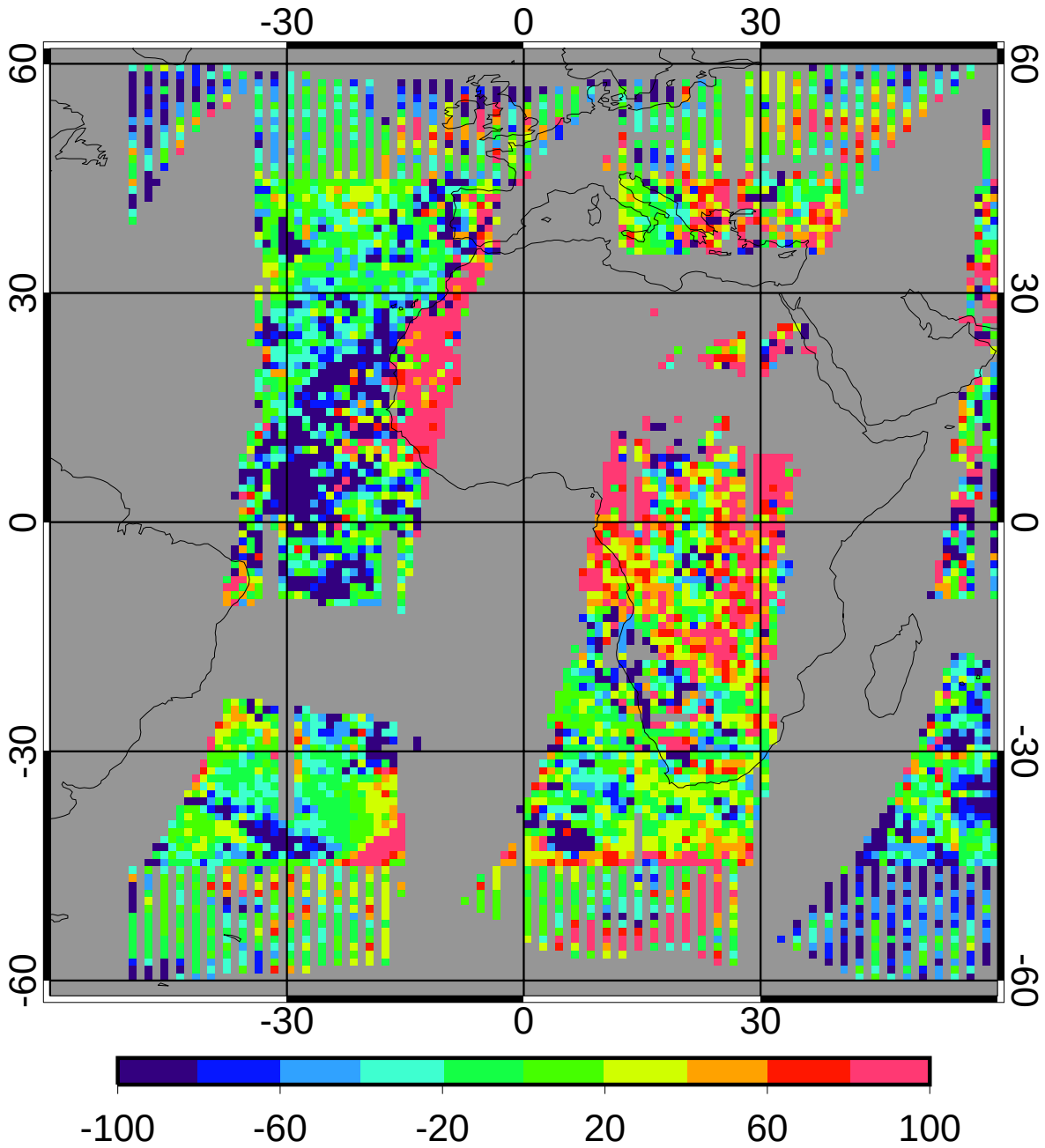
CERES/Terra MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



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

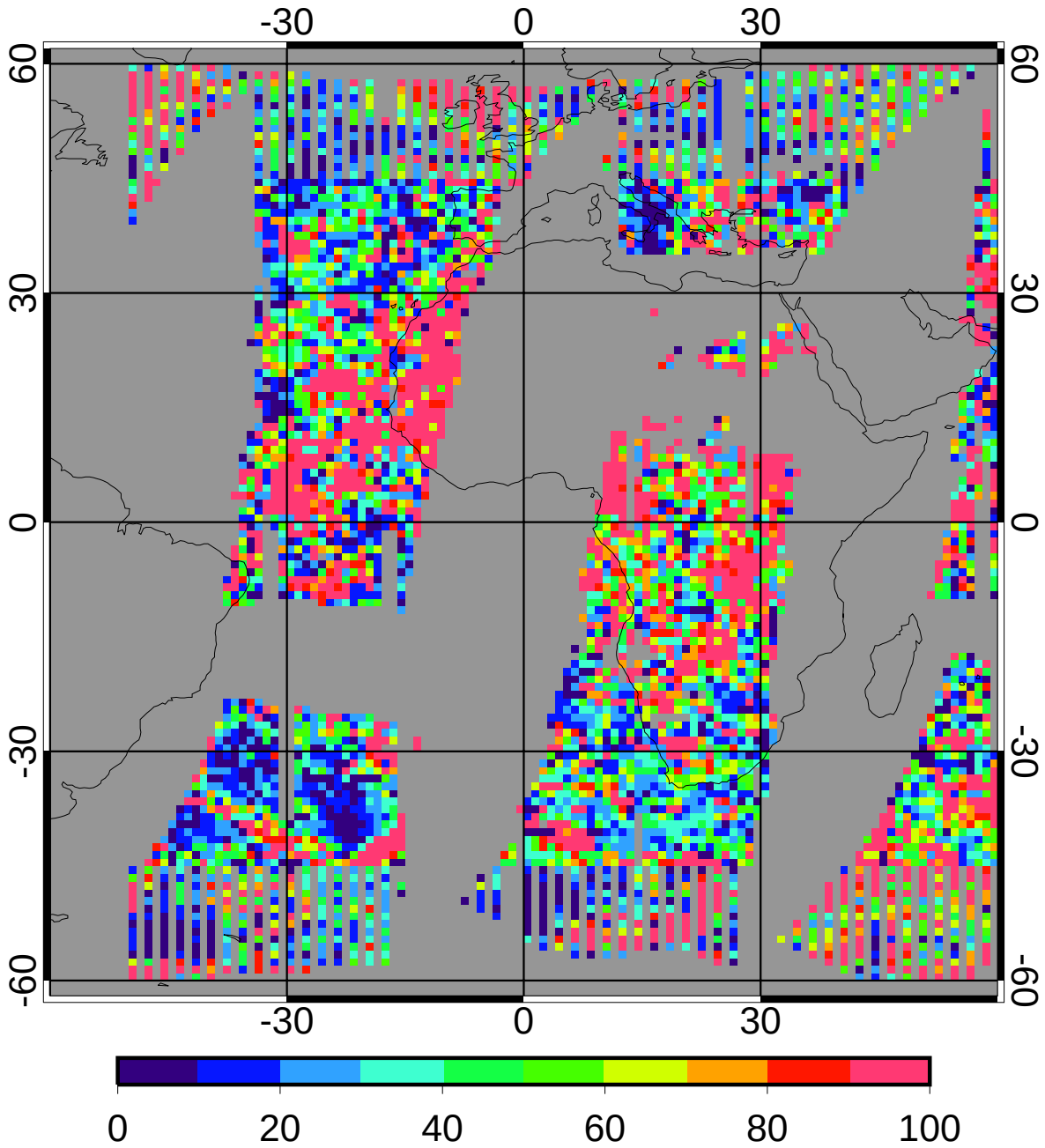
5ch_39cal Apr 2010



bias	-5.33	-0.88%
domain sigma	87.26	14.39%

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

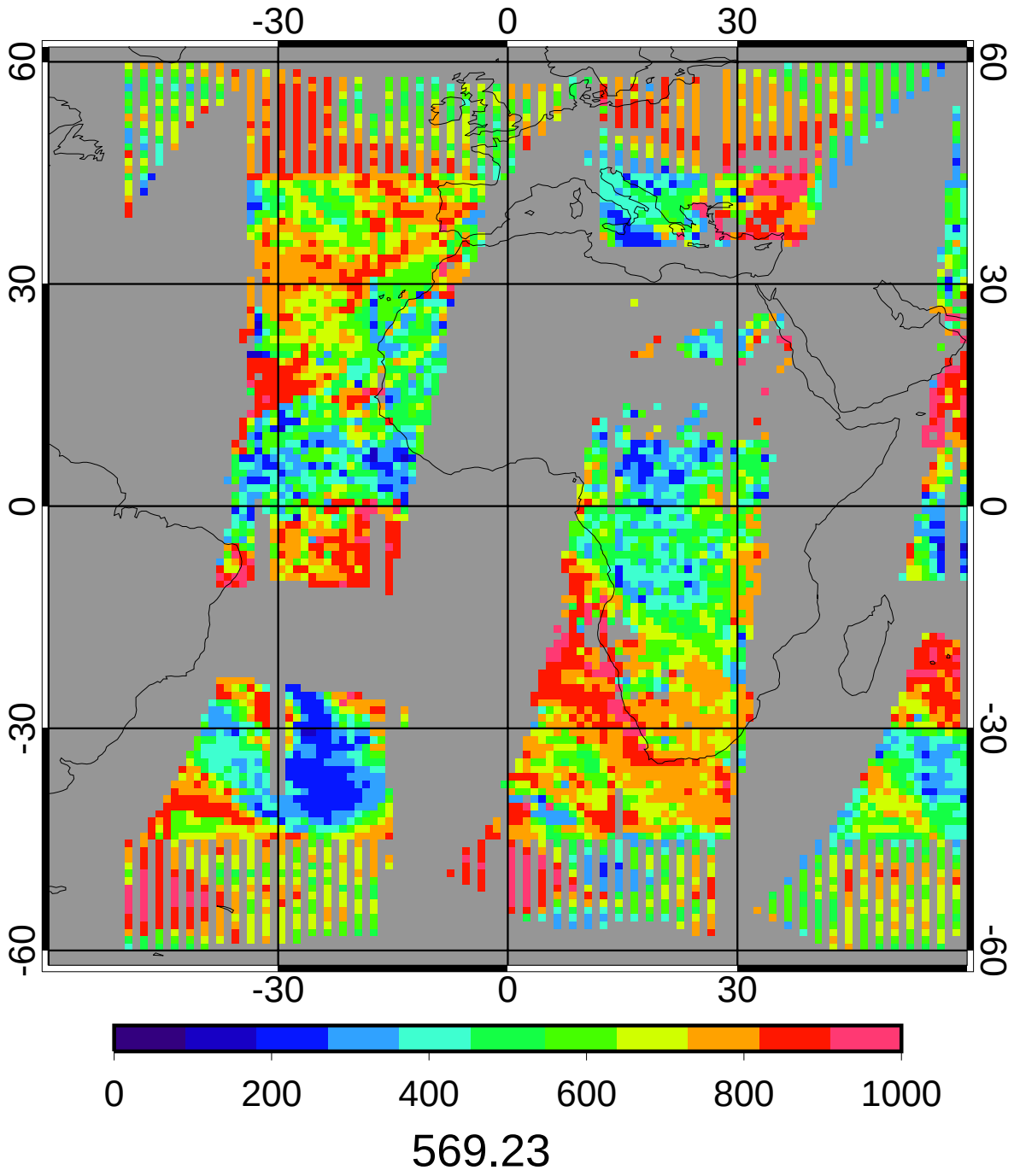
5ch_39cal Apr 2010



regave rms	67.02	11.05%
domain rms	95.05	15.68%

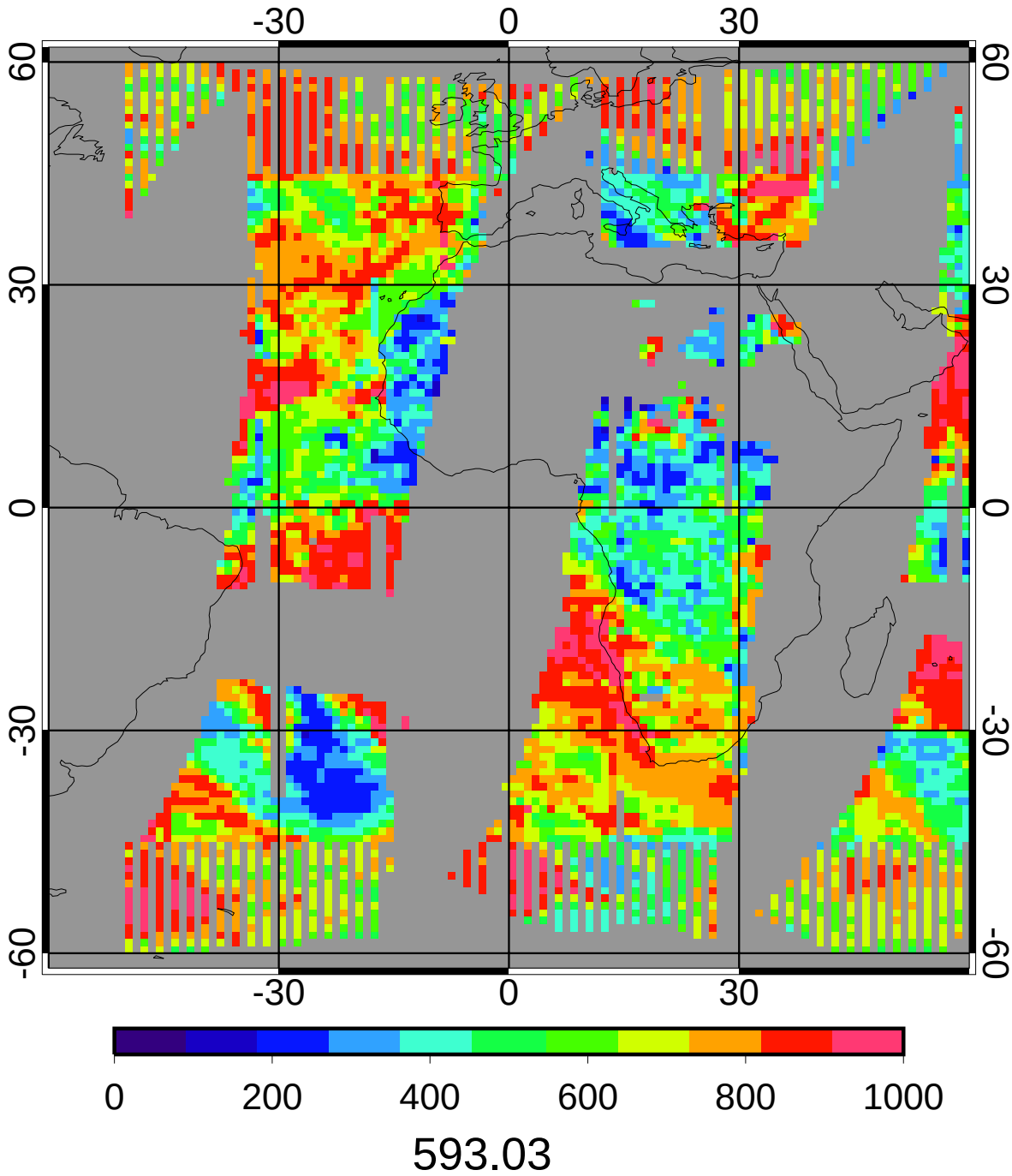
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



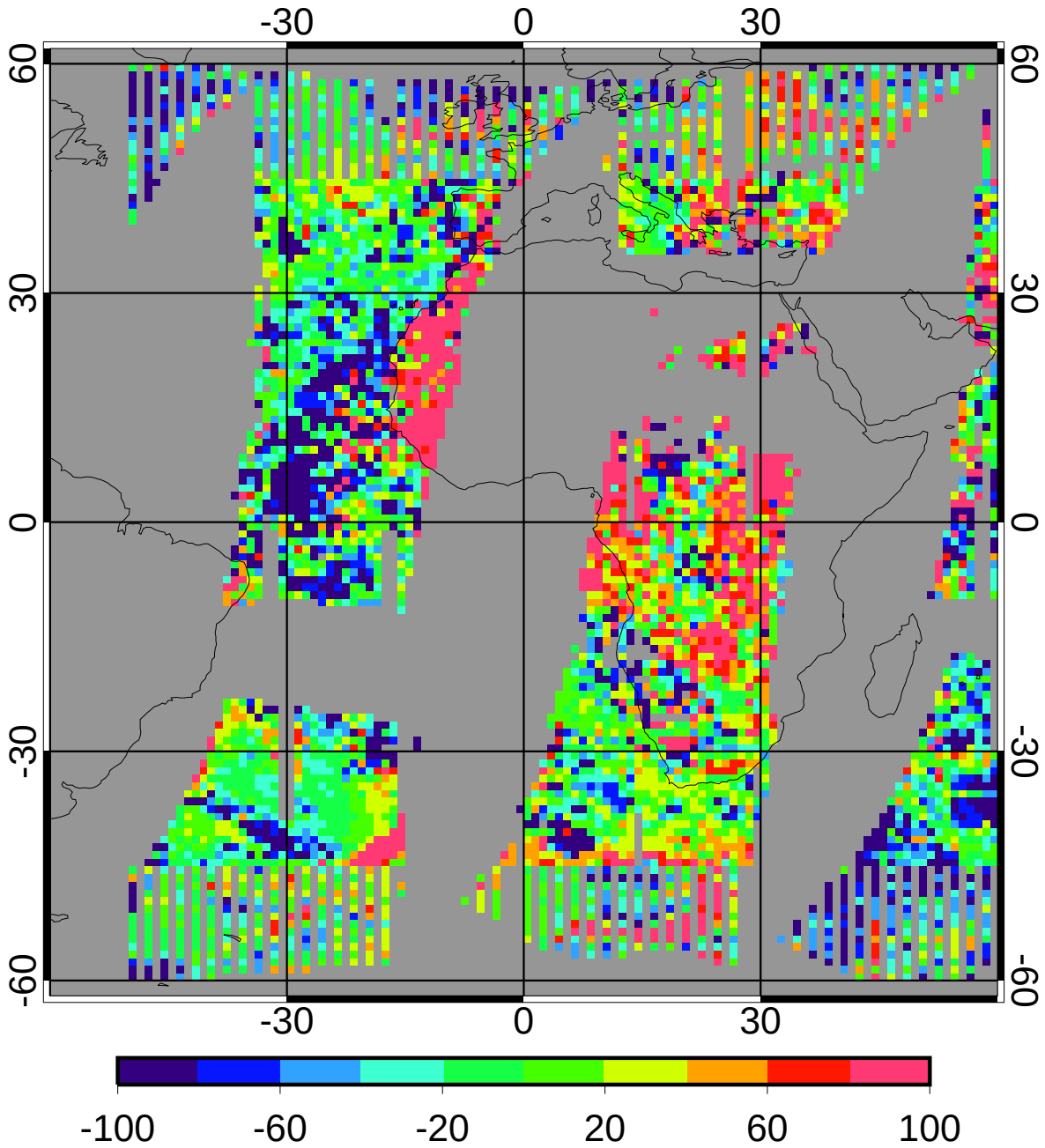
CERES/Terra MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



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

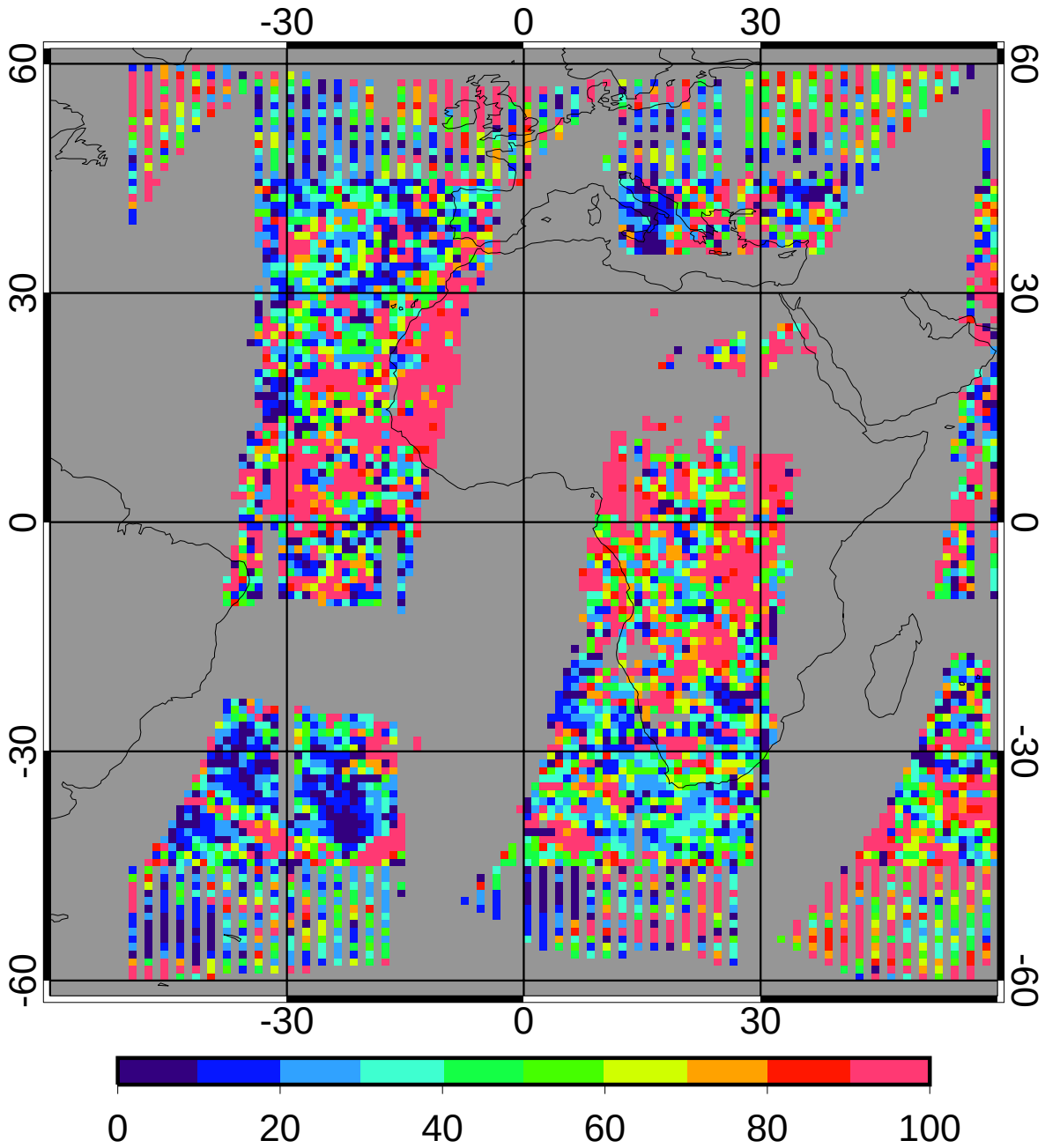
5ch_39cal Apr 2010



bias	-4.20	-0.71%
domain sigma	89.50	15.09%

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

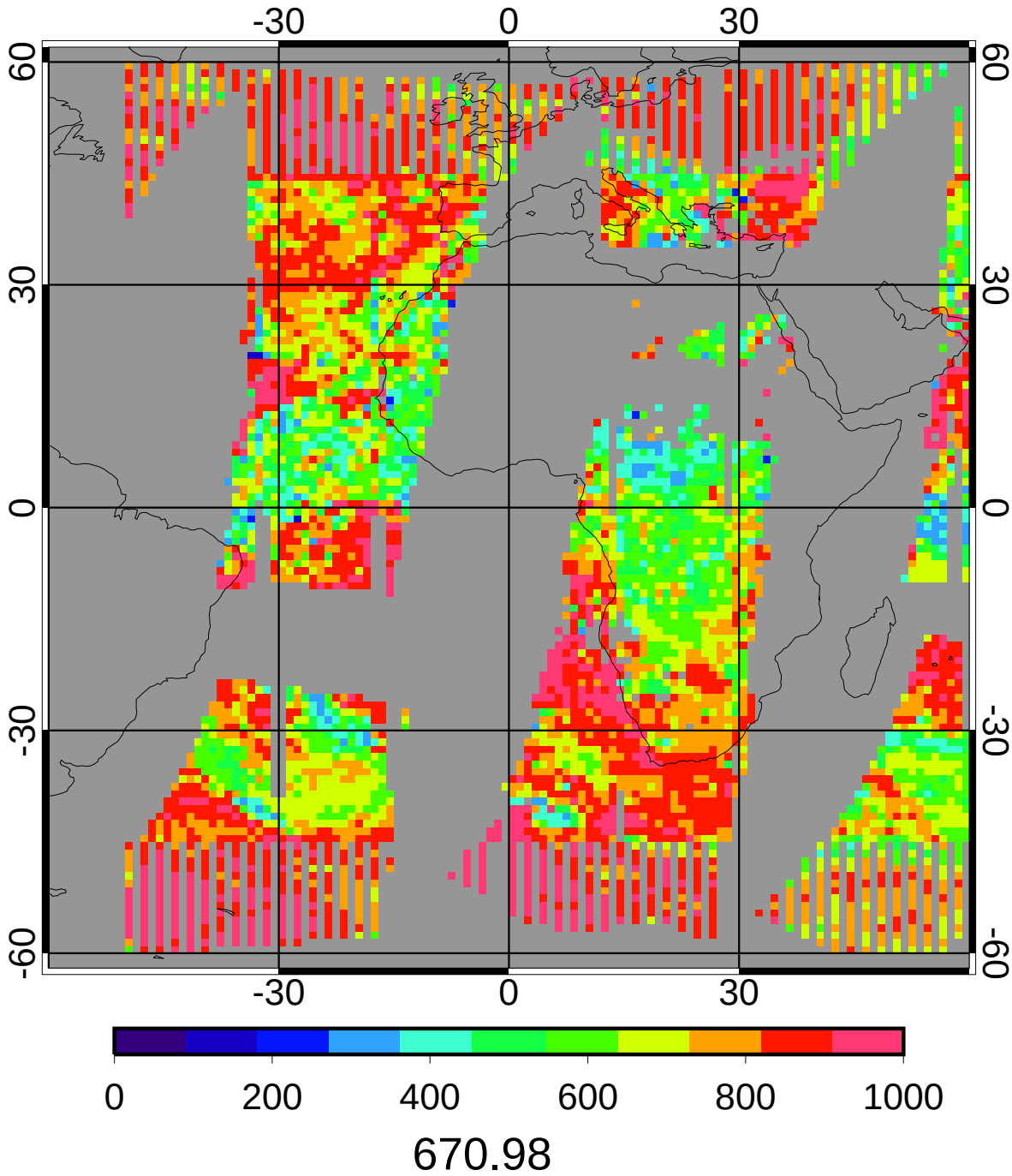
5ch_39cal Apr 2010



regave rms	68.90	11.62%
domain rms	97.77	16.49%

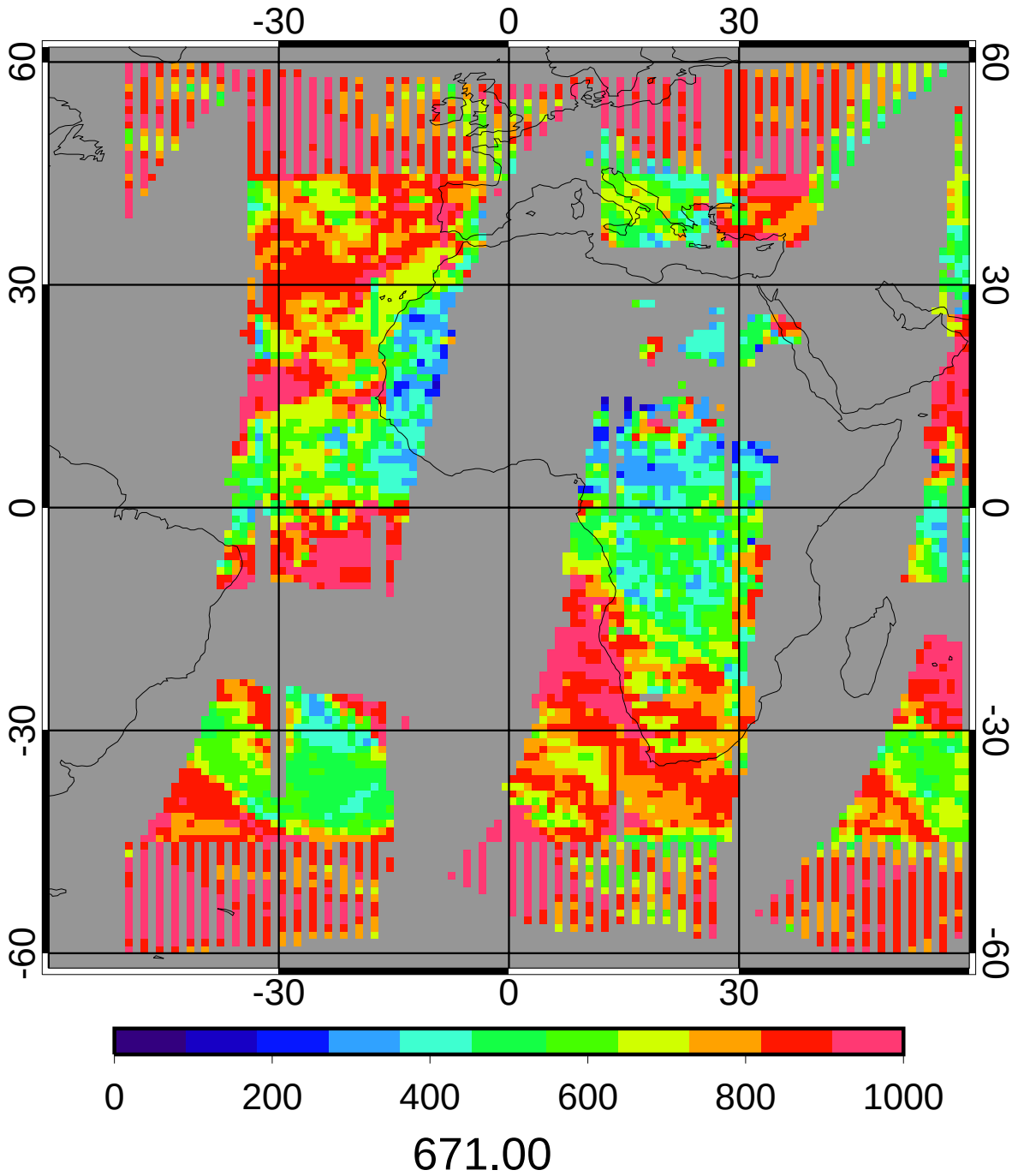
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



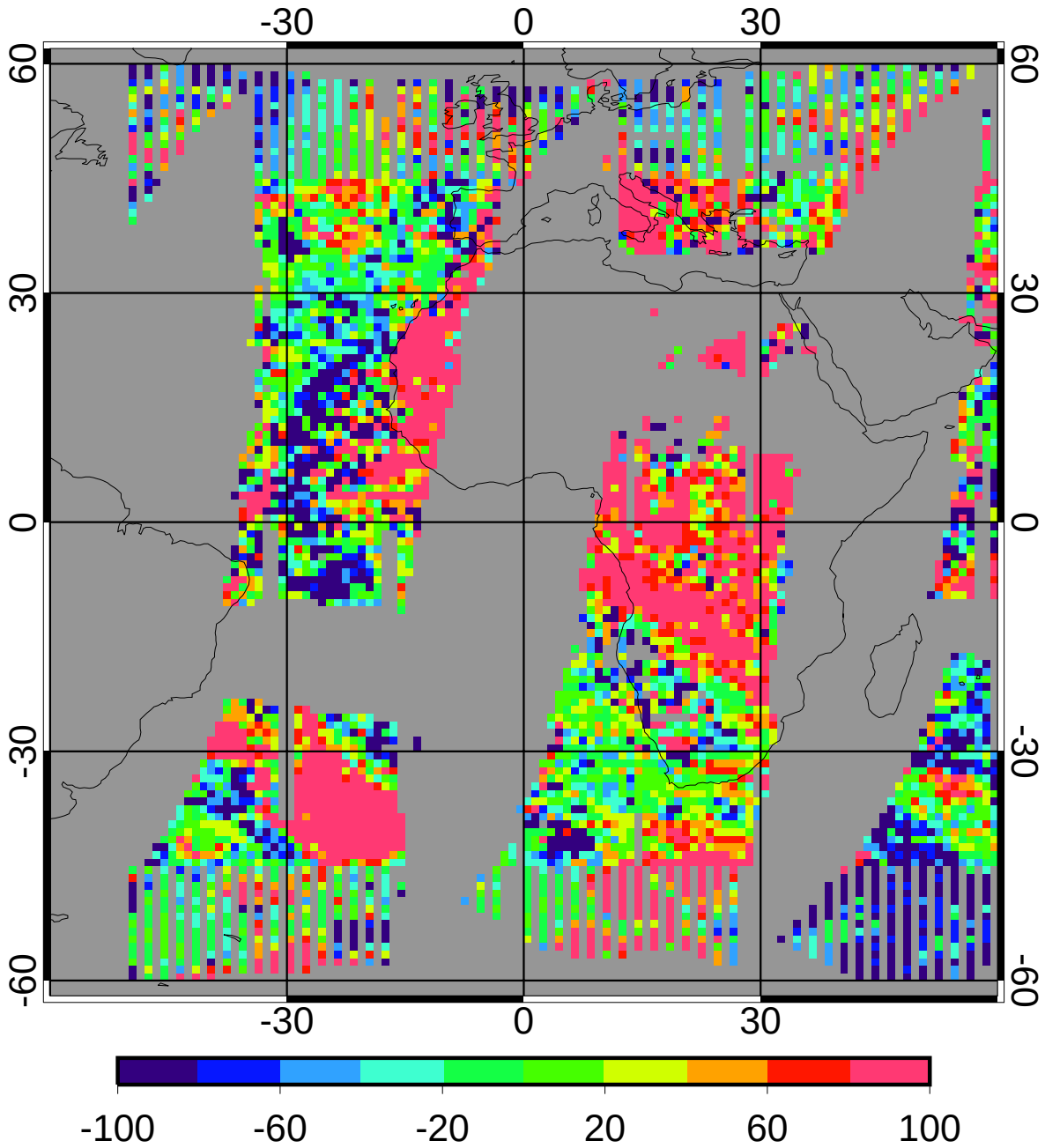
CERES/Terra MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



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

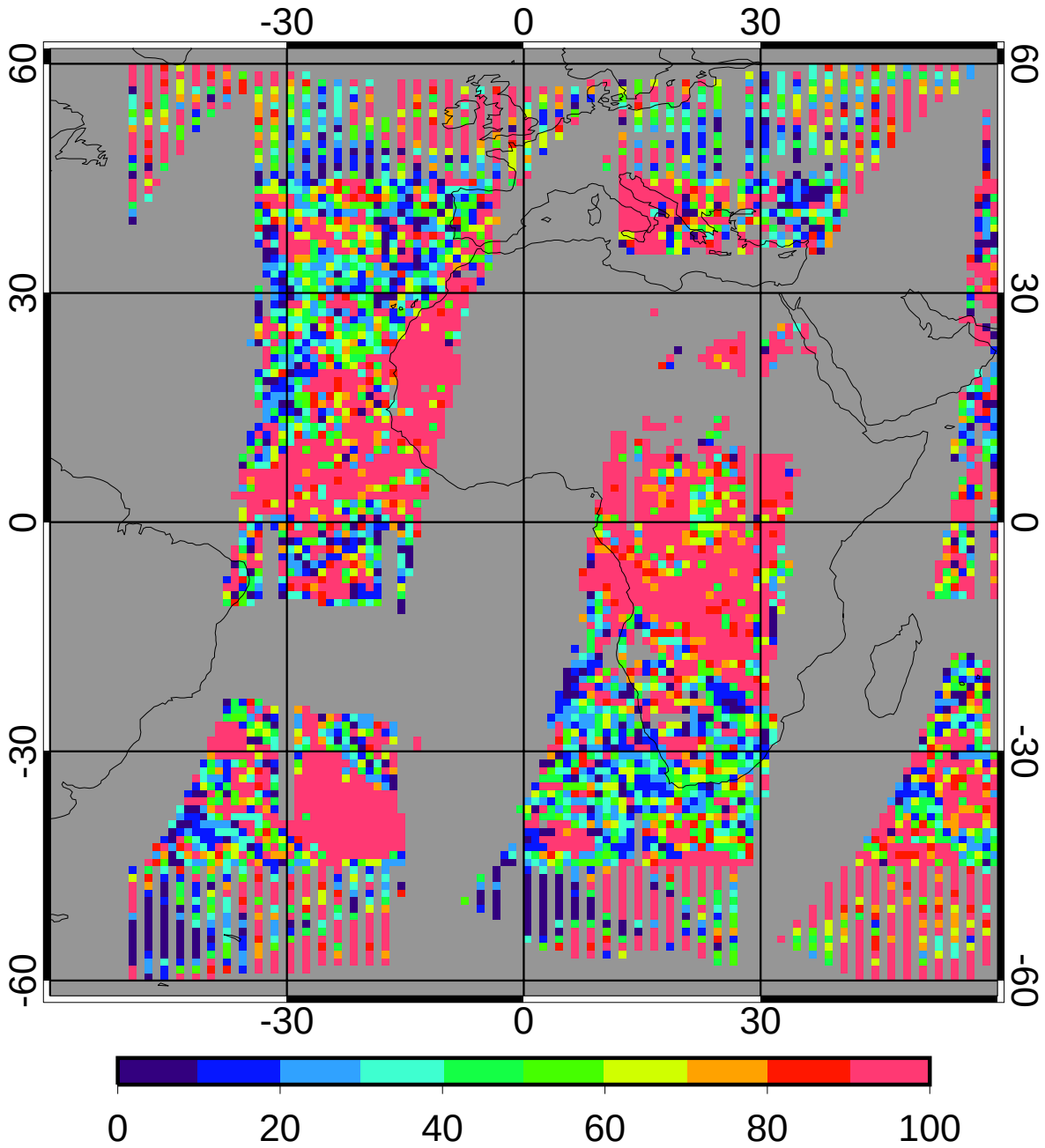
5ch_39cal Apr 2010



bias	19.97	2.98%
domain sigma	98.08	14.62%

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

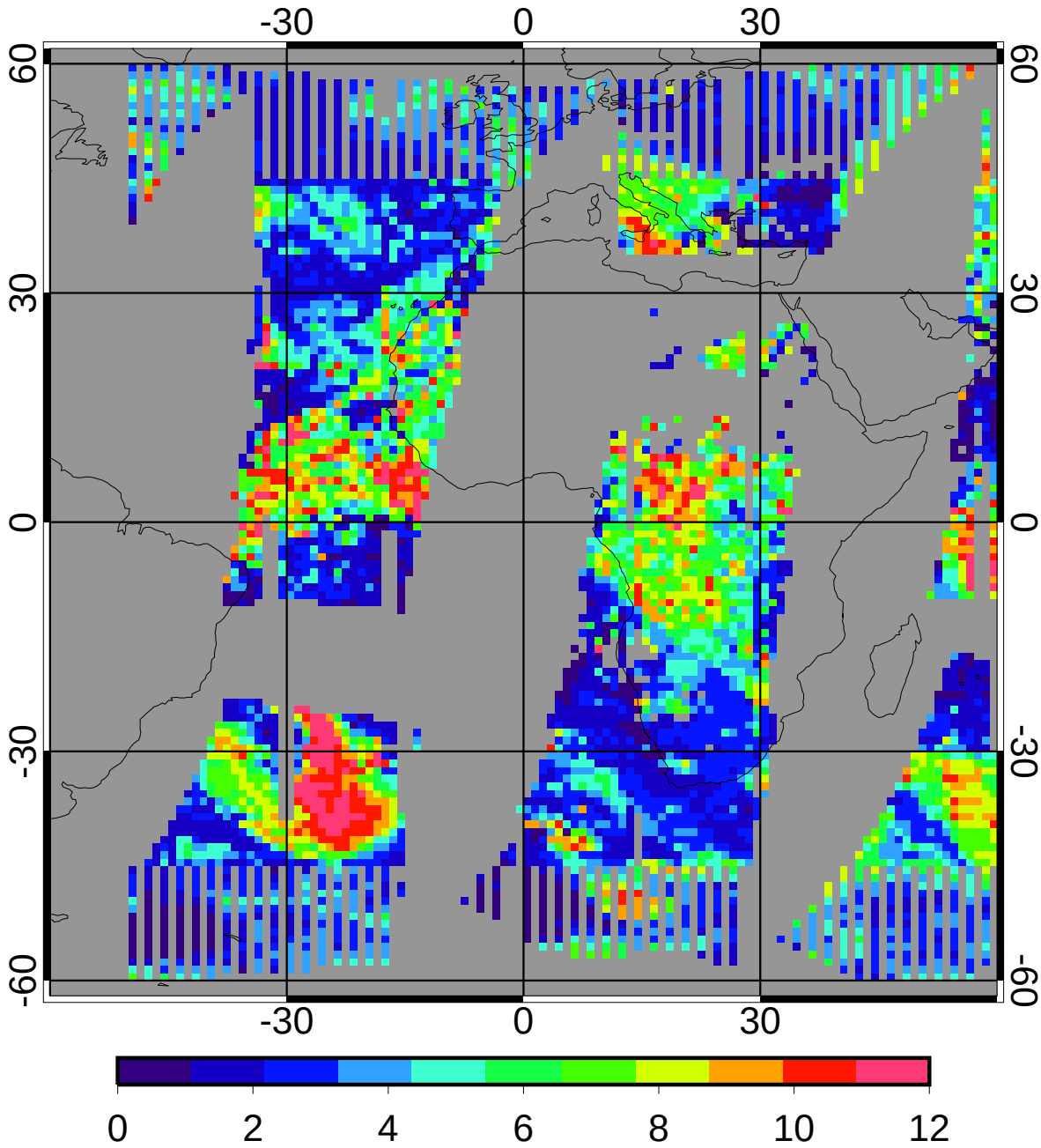
5ch_39cal Apr 2010



regave rms	87.40	13.03%
domain rms	113.49	16.91%

GGEO MEAN Daytime Cloud Eff Height (km)

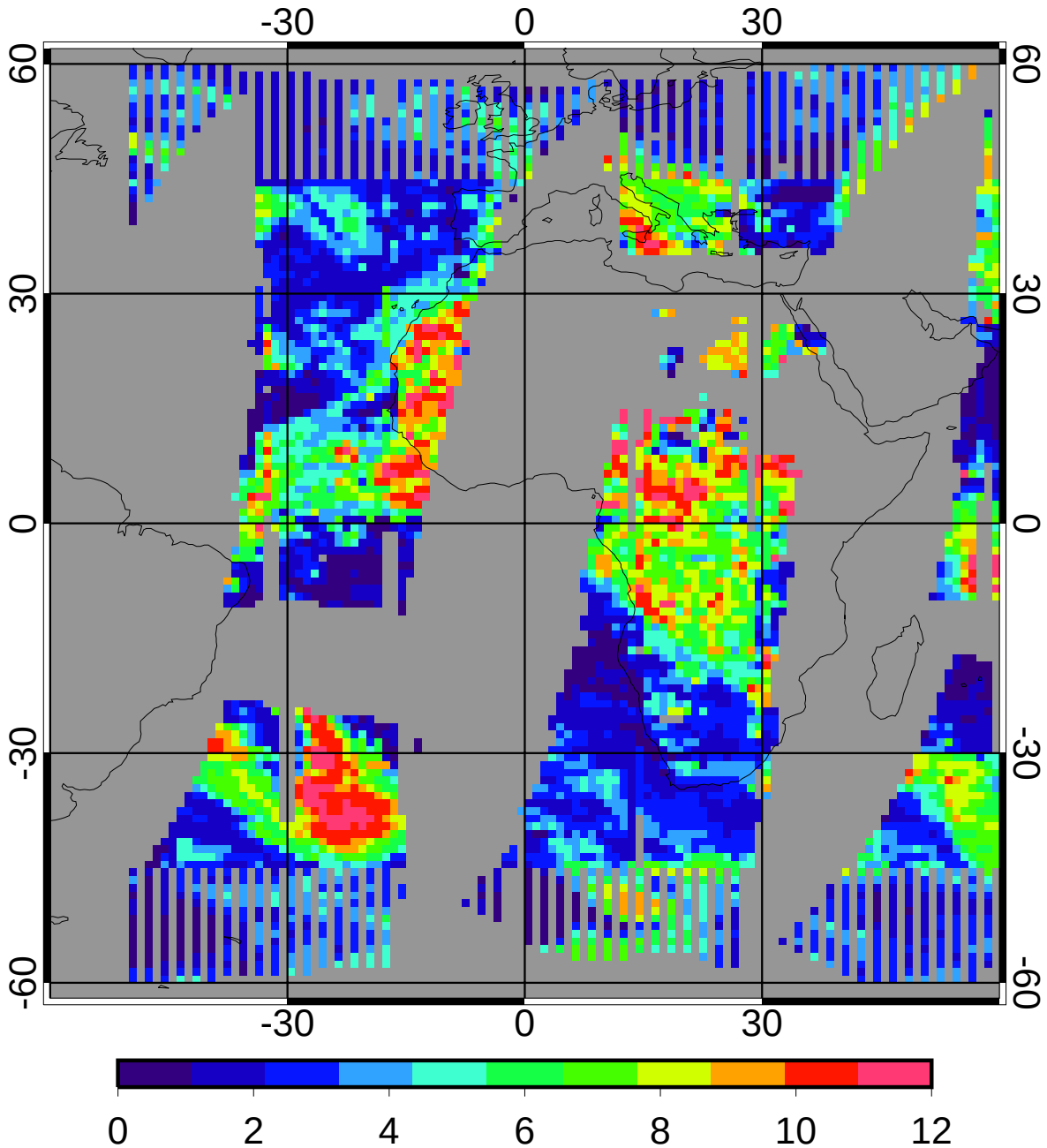
5ch_39cal Apr 2010



4.31

CERES/Terra MEAN Daytime Cloud Eff Height (km)

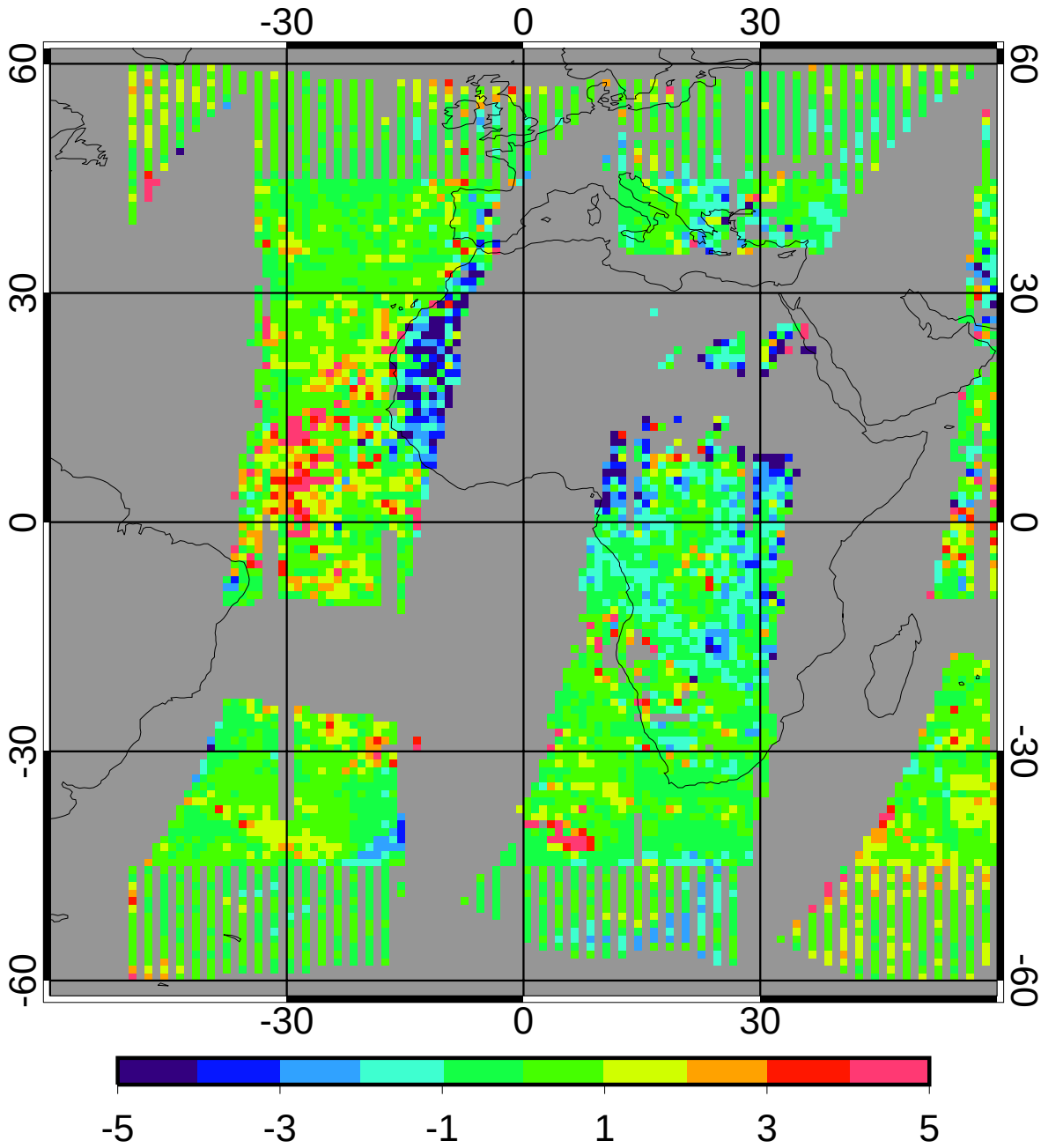
5ch_39cal Apr 2010



4.33

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

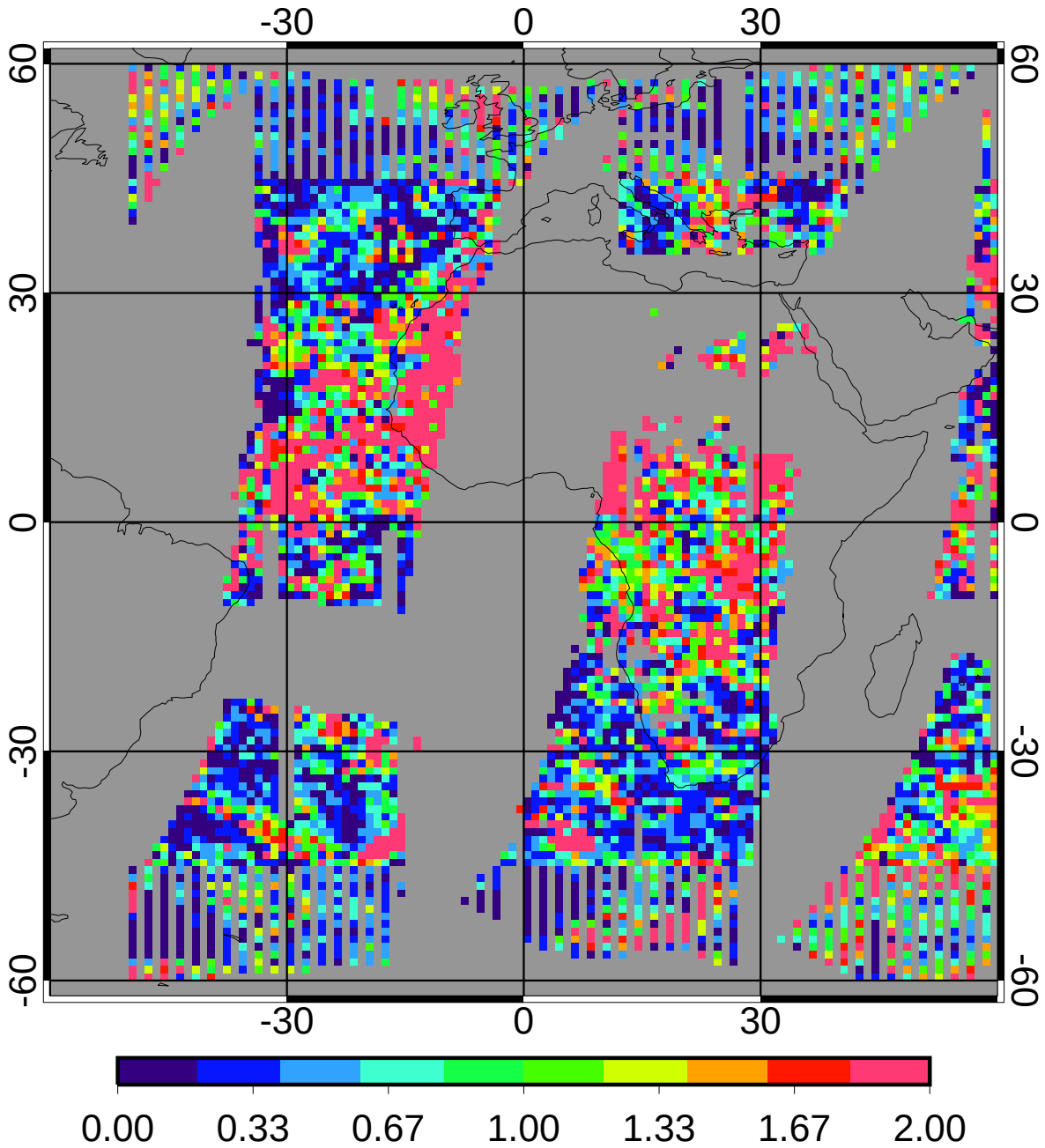
5ch_39cal Apr 2010



bias	0.08	1.80%
domain sigma	1.43	33.08%

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

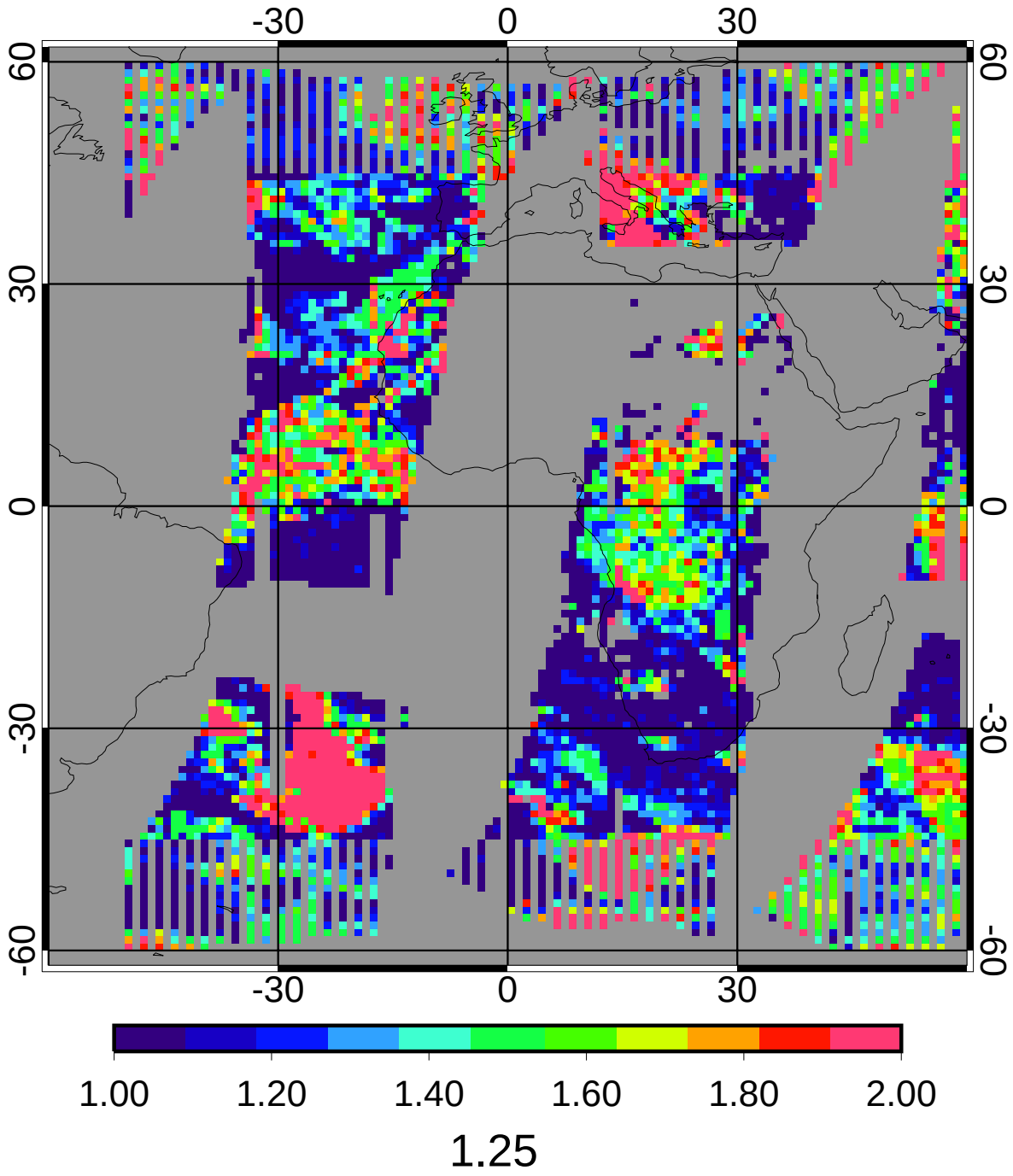
5ch_39cal Apr 2010



regave rms	1.06	24.56%
domain rms	1.55	35.88%

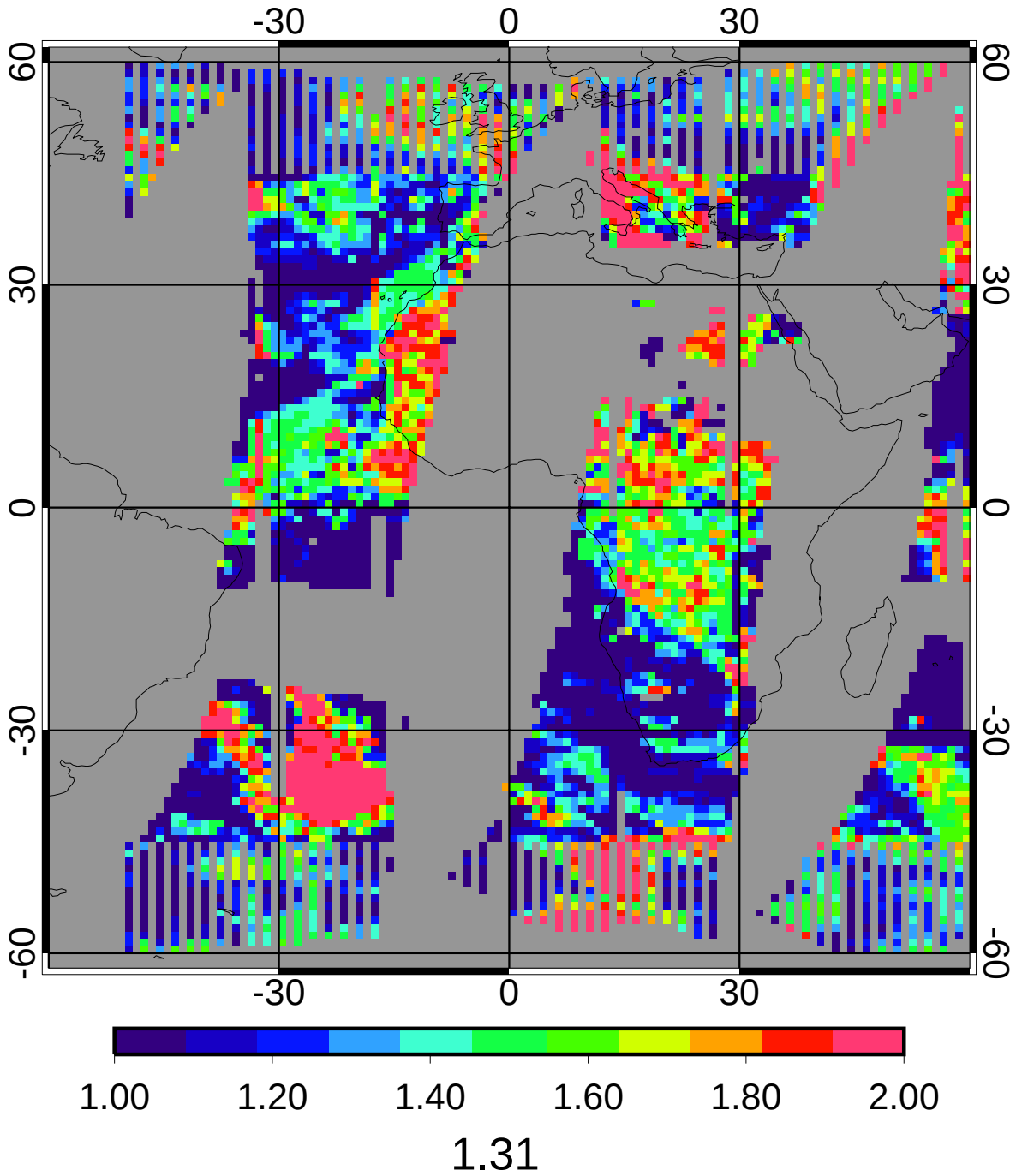
GGEO MEAN Daytime Cloud Phase

5ch_39cal Apr 2010



CERES/Terra MEAN Daytime Cloud Phase

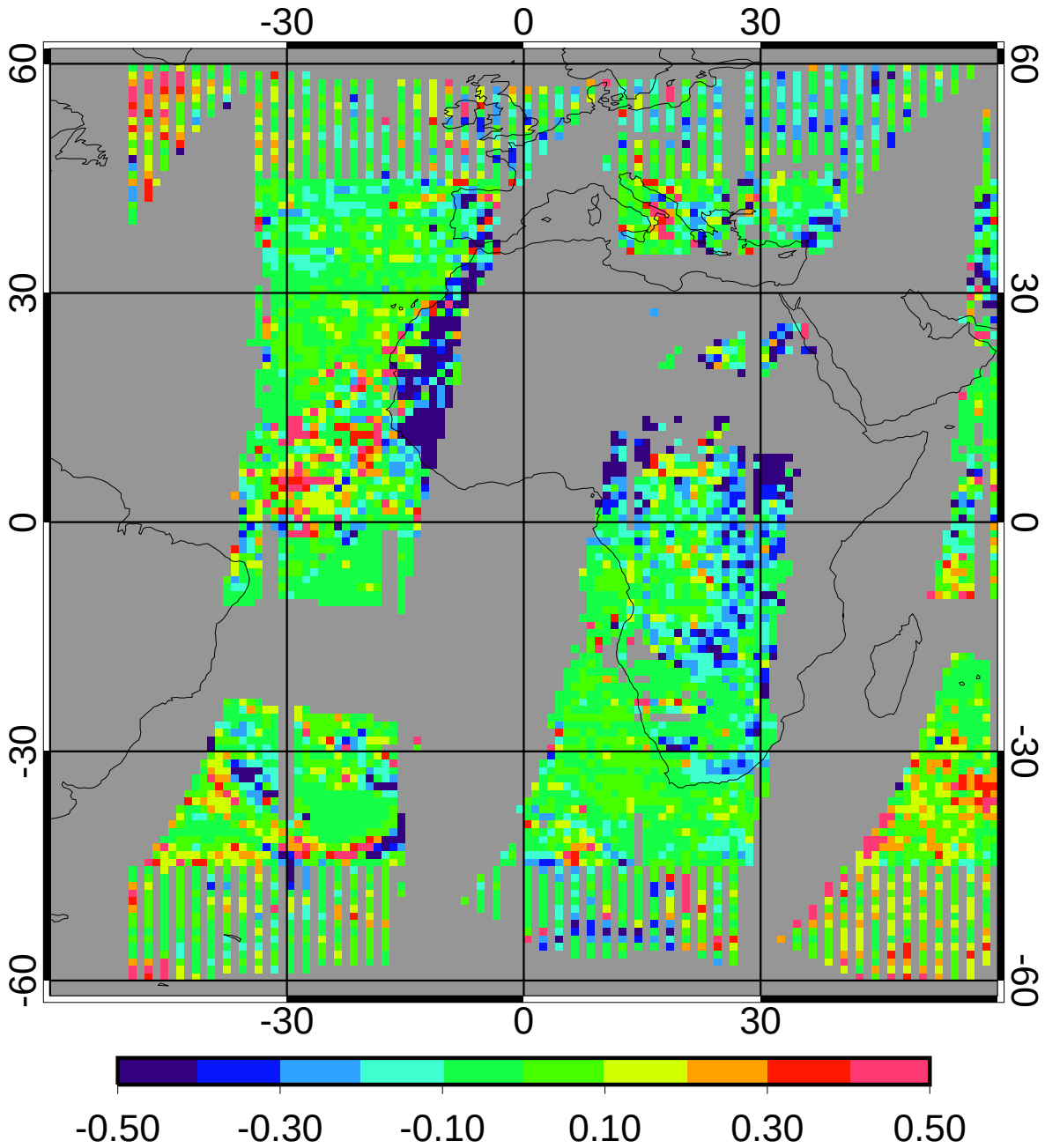
5ch_39cal Apr 2010



1.31

GGEO - CERES/Terra Daytime Cloud Phase Bias

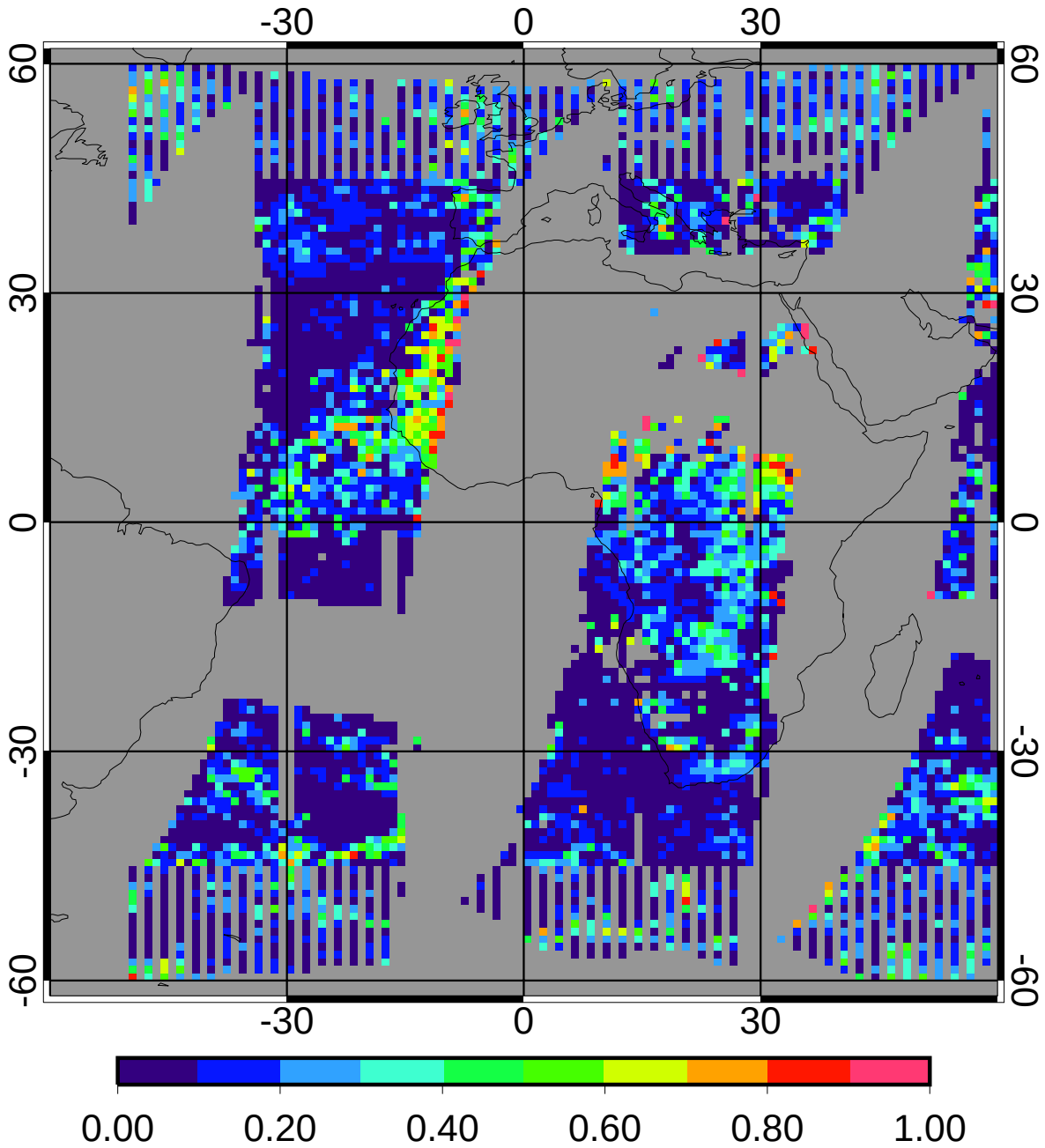
5ch_39cal Apr 2010



bias	-0.03	-2.12%
domain sigma	0.18	13.95%

GGEO - CERES/Terra Daytime Cloud Phase RMS

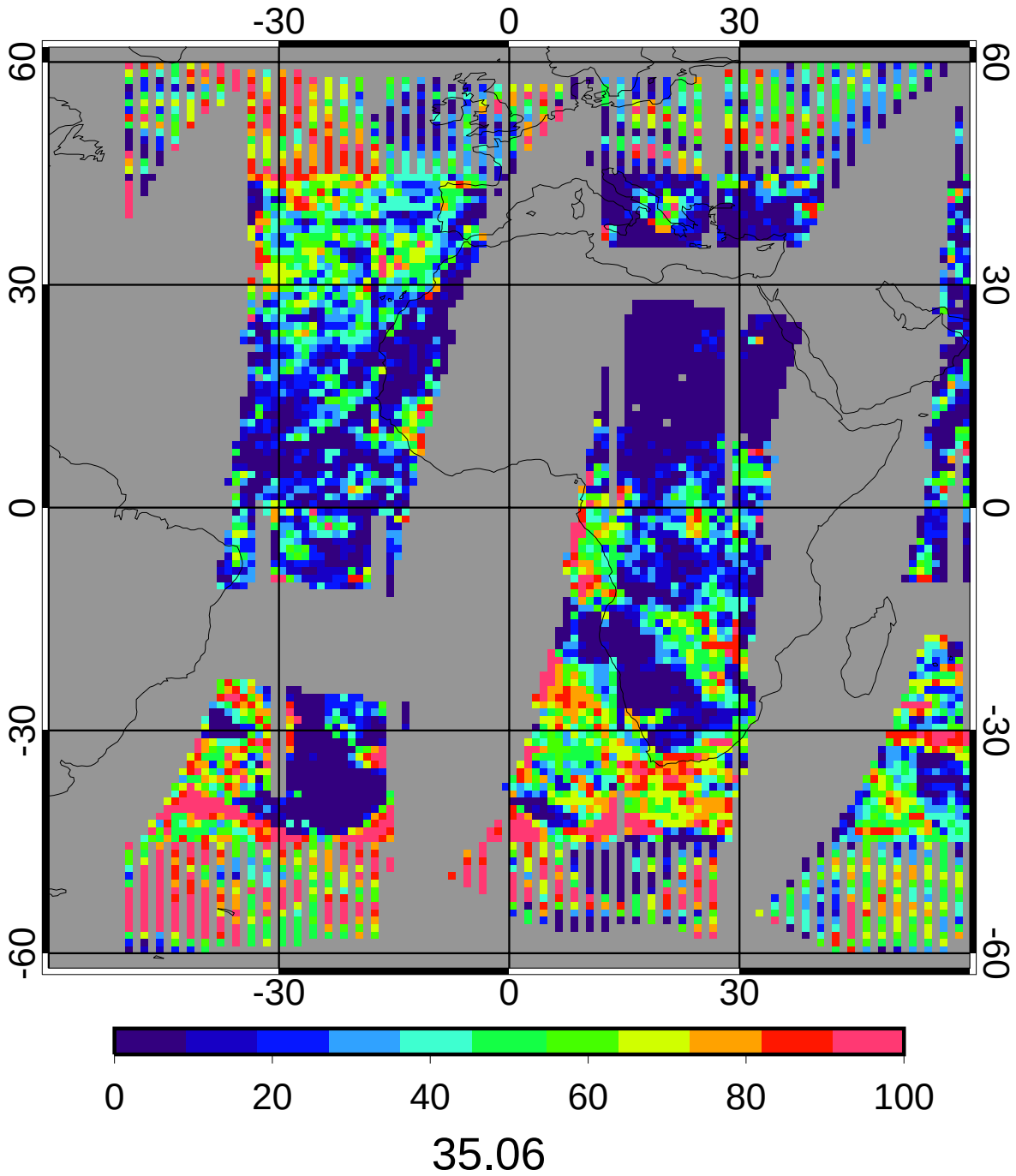
5ch_39cal Apr 2010



regave rms	0.15	11.18%
domain rms	0.21	16.31%

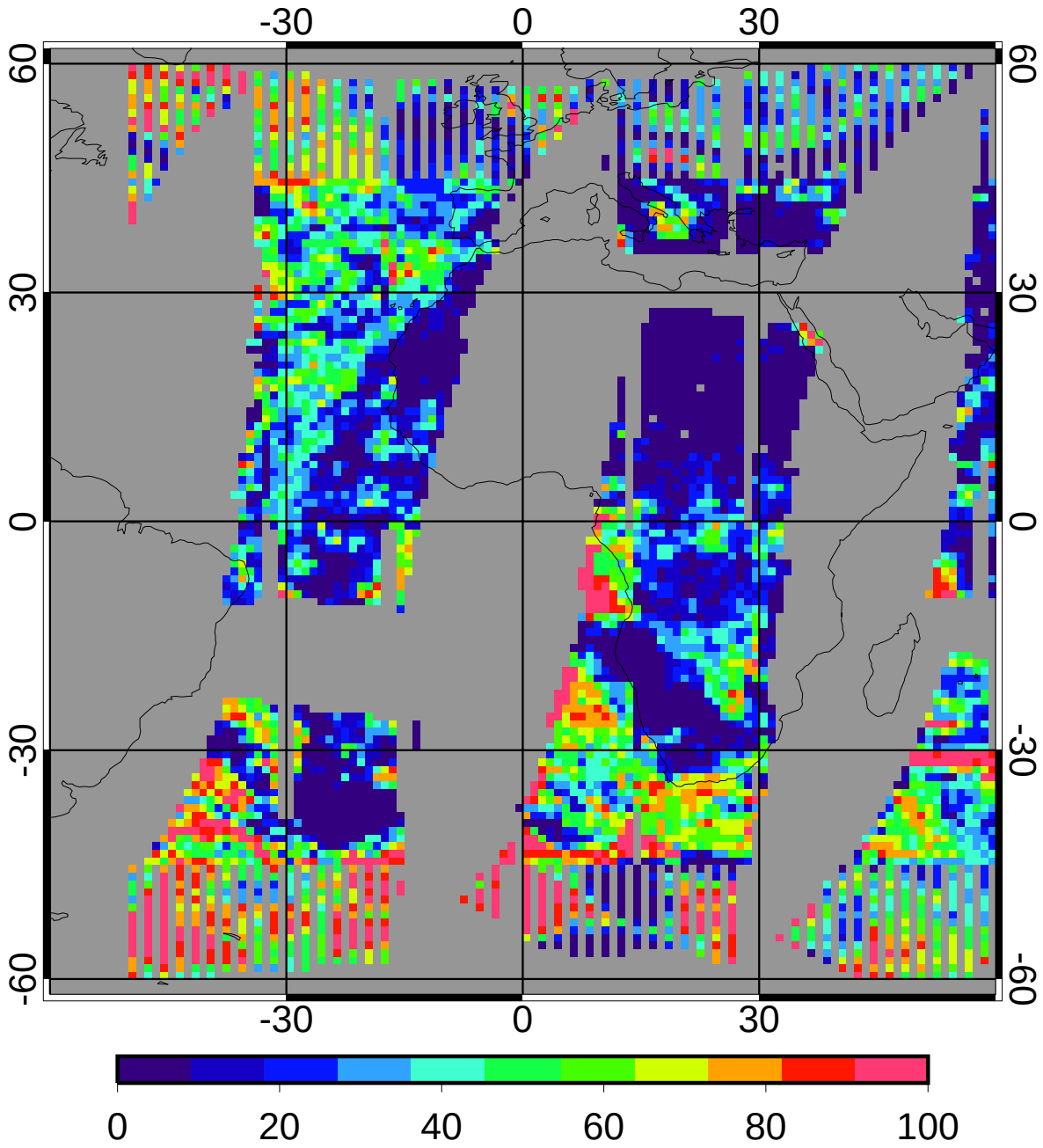
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Apr 2010



CERES/Terra MEAN Daytime Liquid Cld Amt (%)

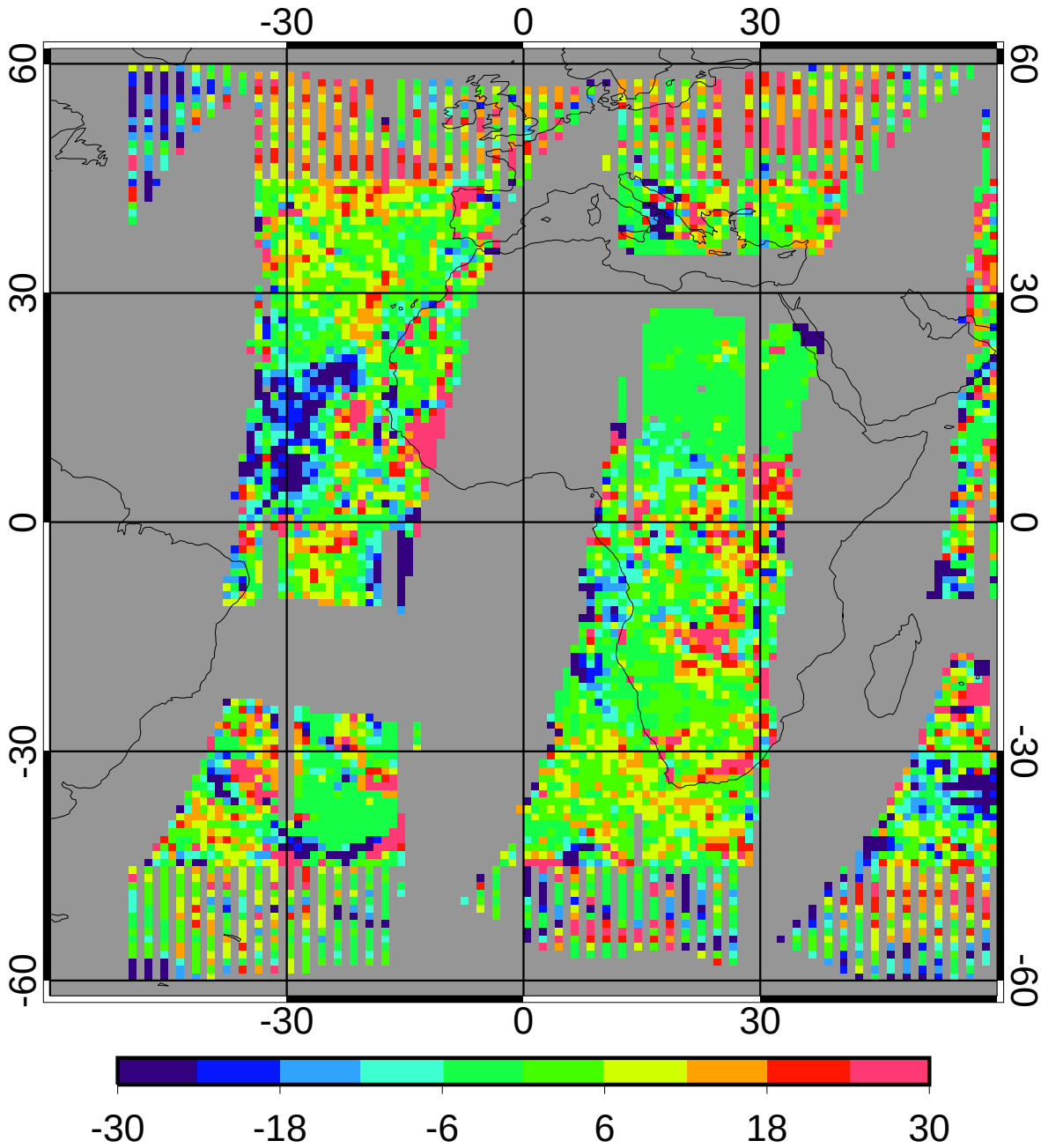
5ch_39cal Apr 2010



33.14

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

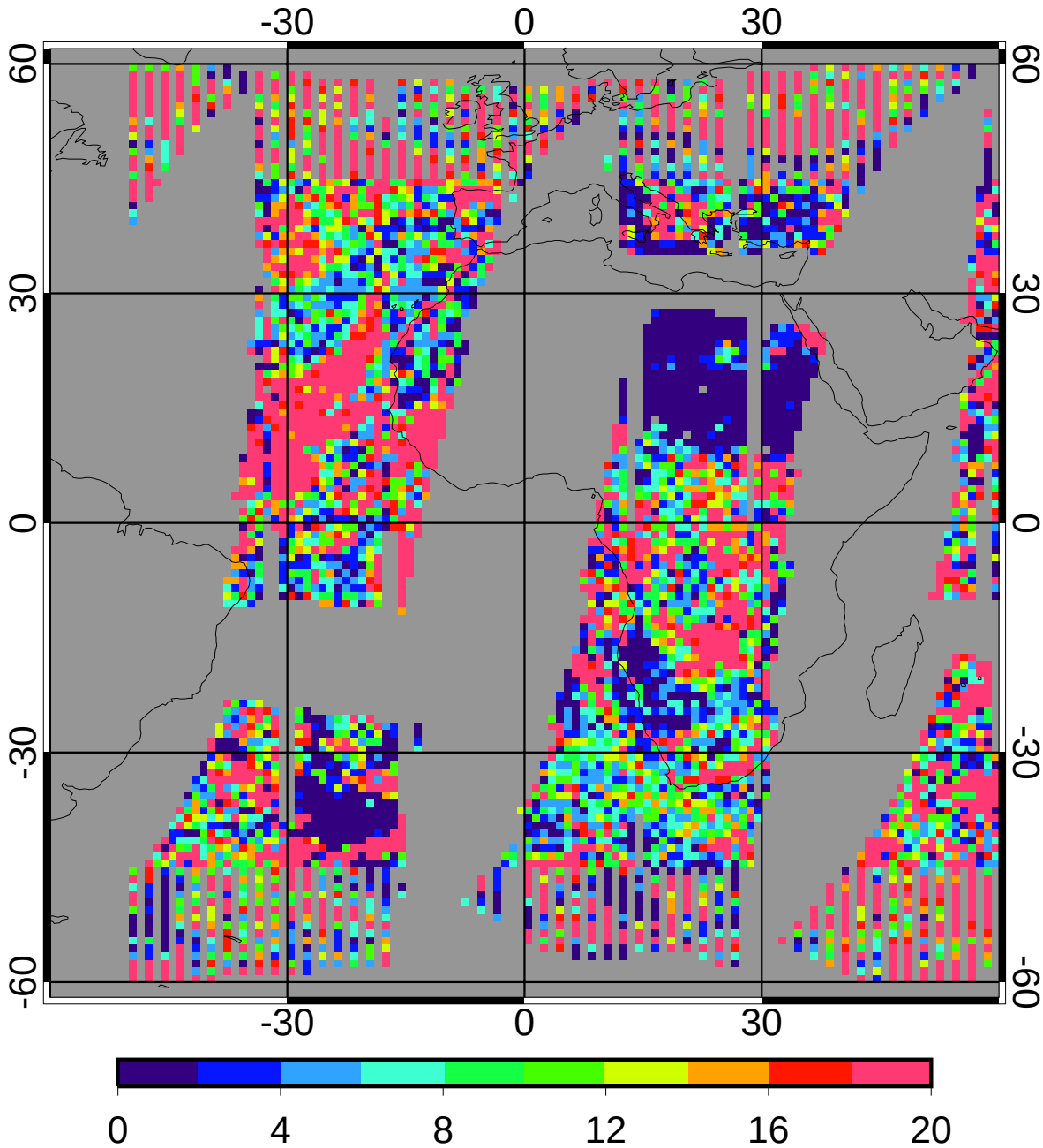
5ch_39cal Apr 2010



bias	1.92	5.78%
domain sigma	14.27	43.07%

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

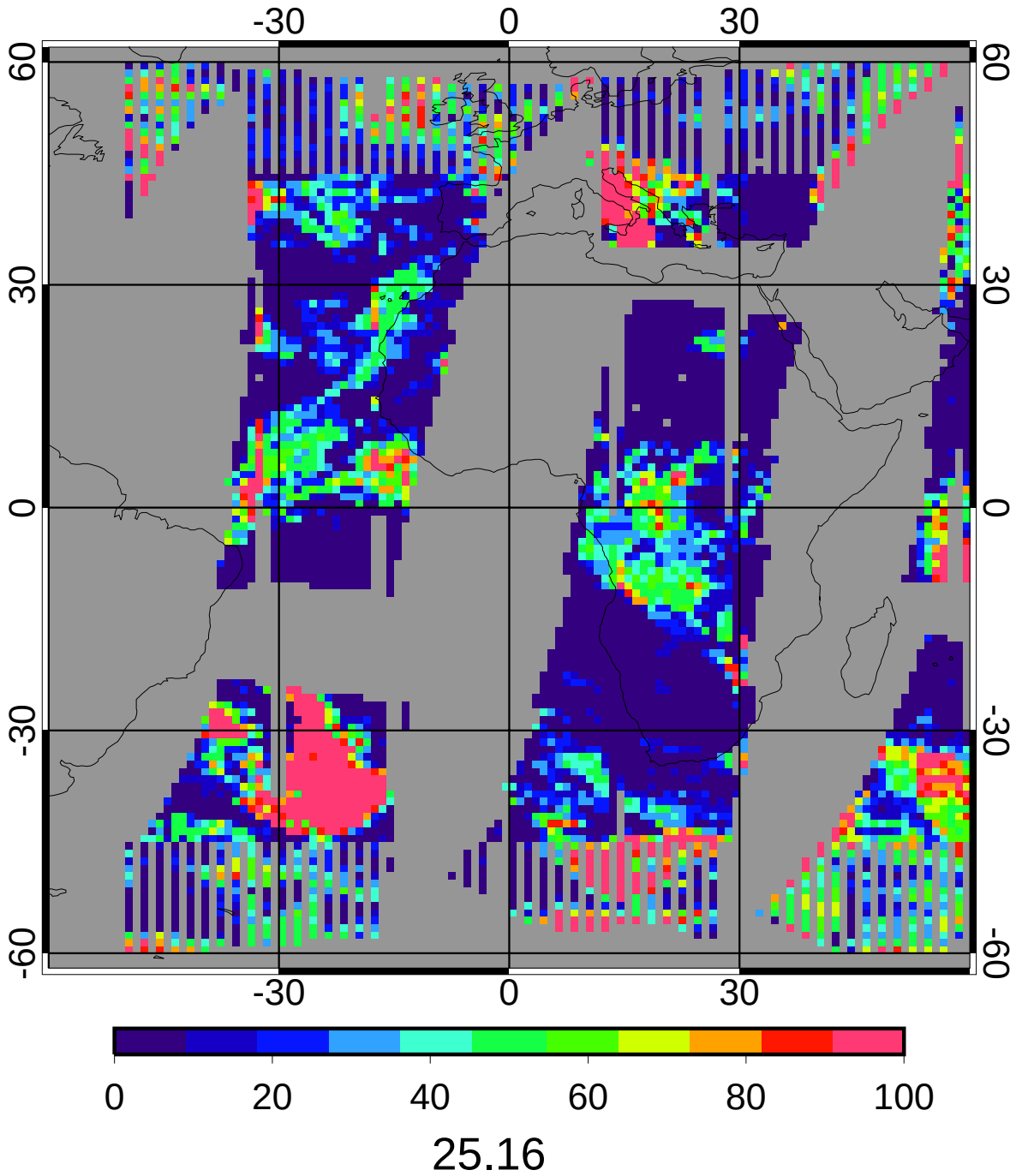
5ch_39cal Apr 2010



regave rms	14.00	42.23%
domain rms	17.99	54.27%

GGEO MEAN Daytime Ice Cld Amt (%)

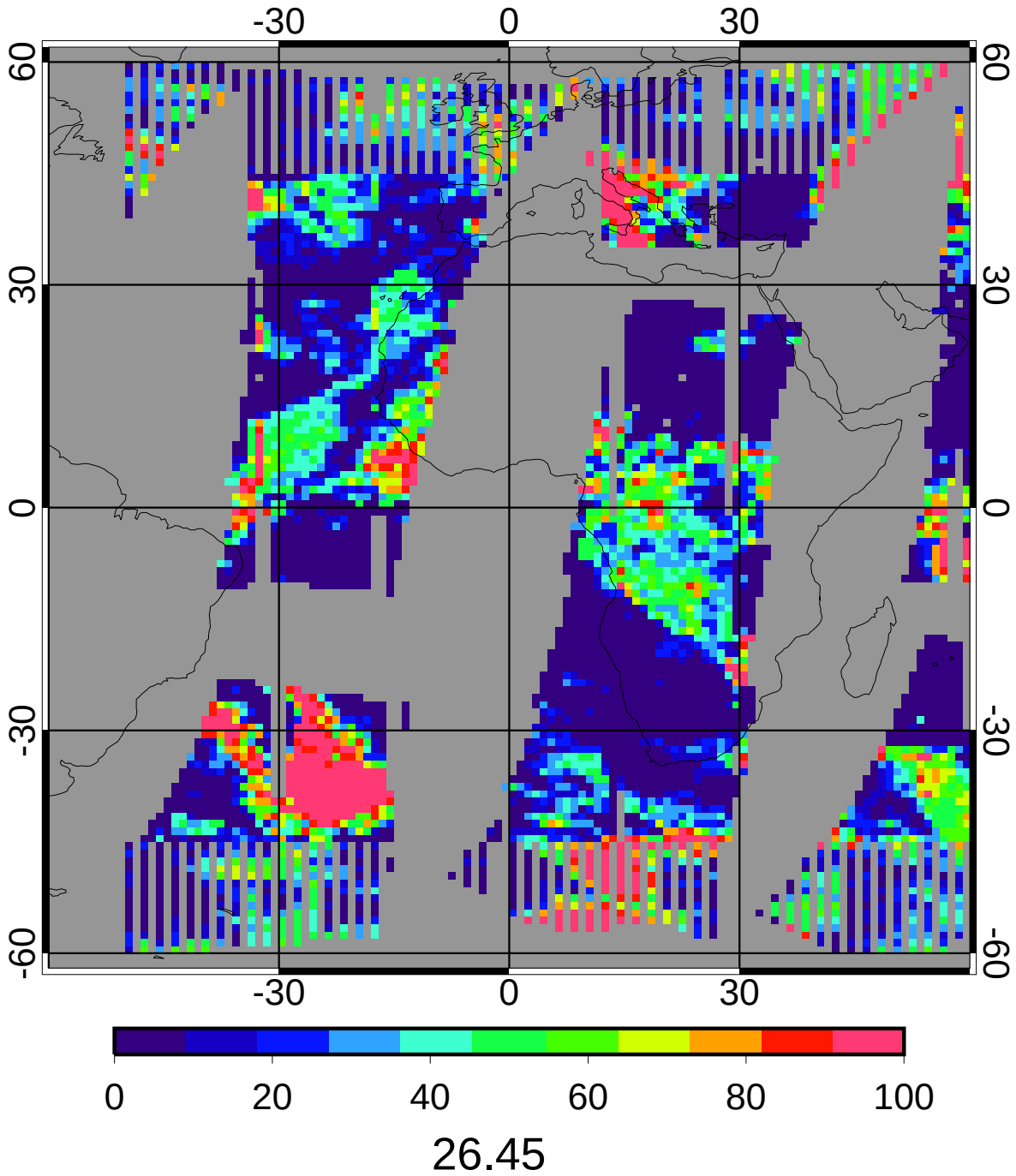
5ch_39cal Apr 2010



25.16

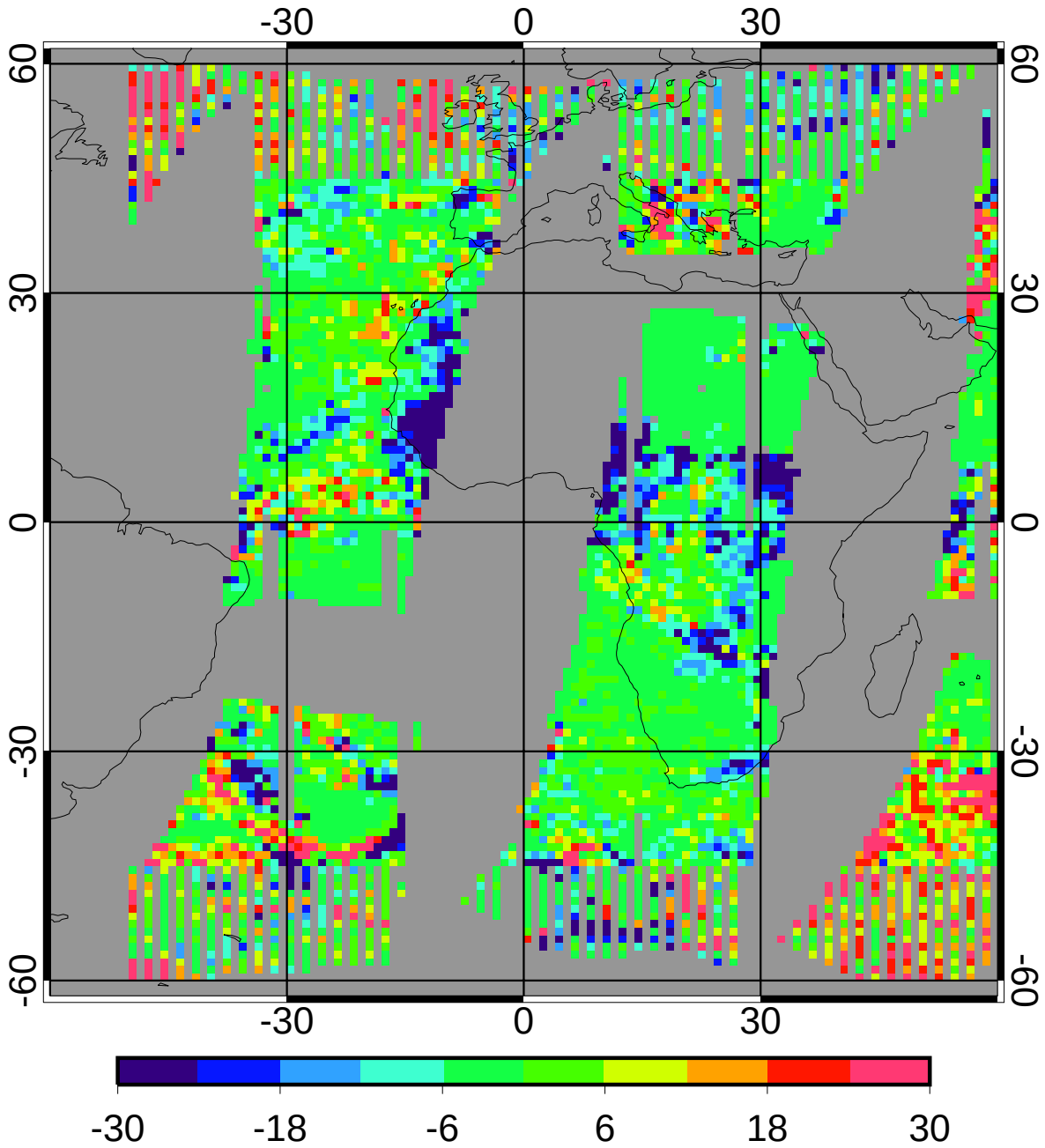
CERES/Terra MEAN Daytime Ice Cld Amt (%)

5ch_39cal Apr 2010



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

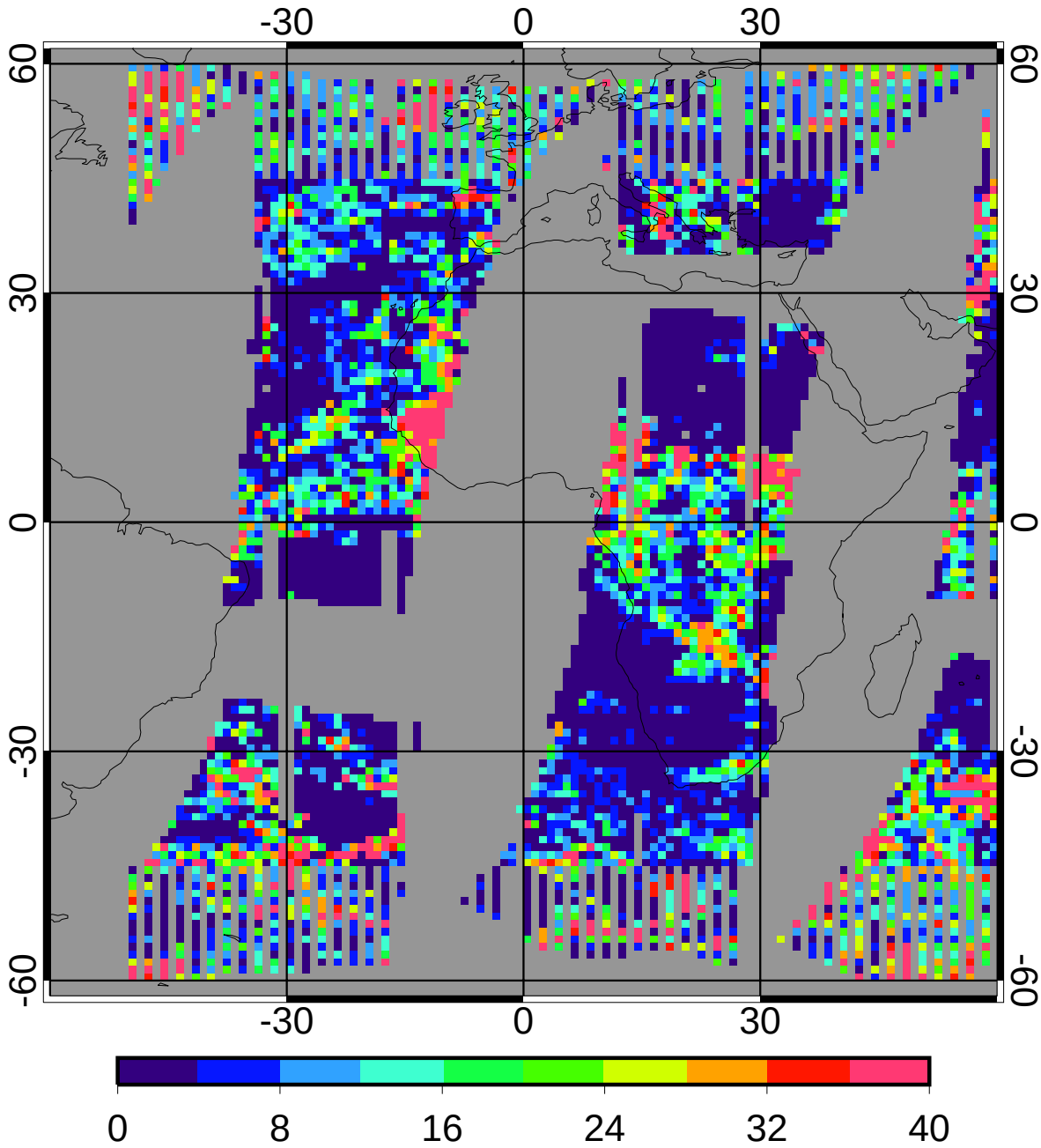
5ch_39cal Apr 2010



bias	-1.28	-4.85%
domain sigma	13.12	49.61%

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

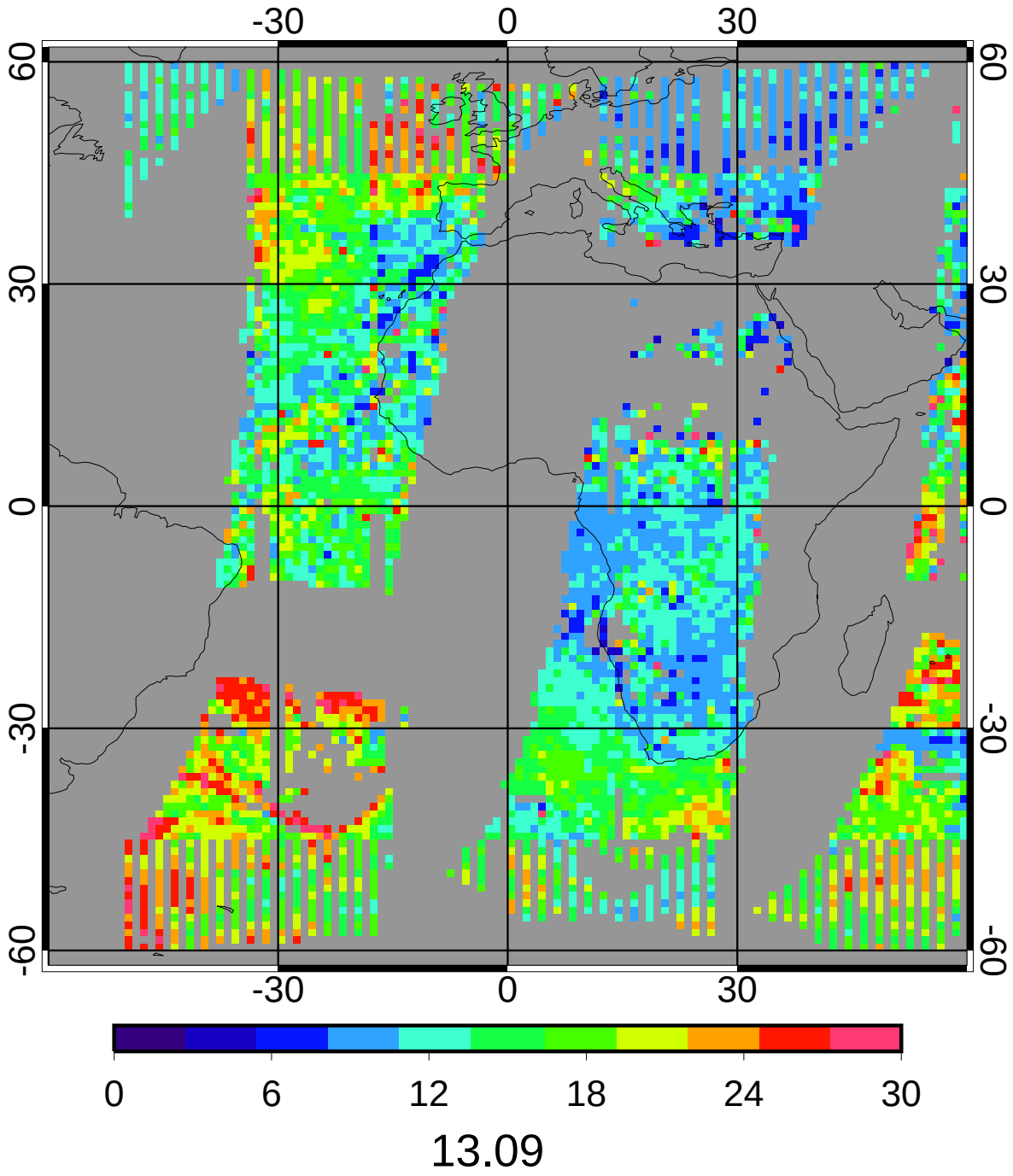
5ch_39cal Apr 2010



regave rms	10.66	40.30%
domain rms	15.40	58.25%

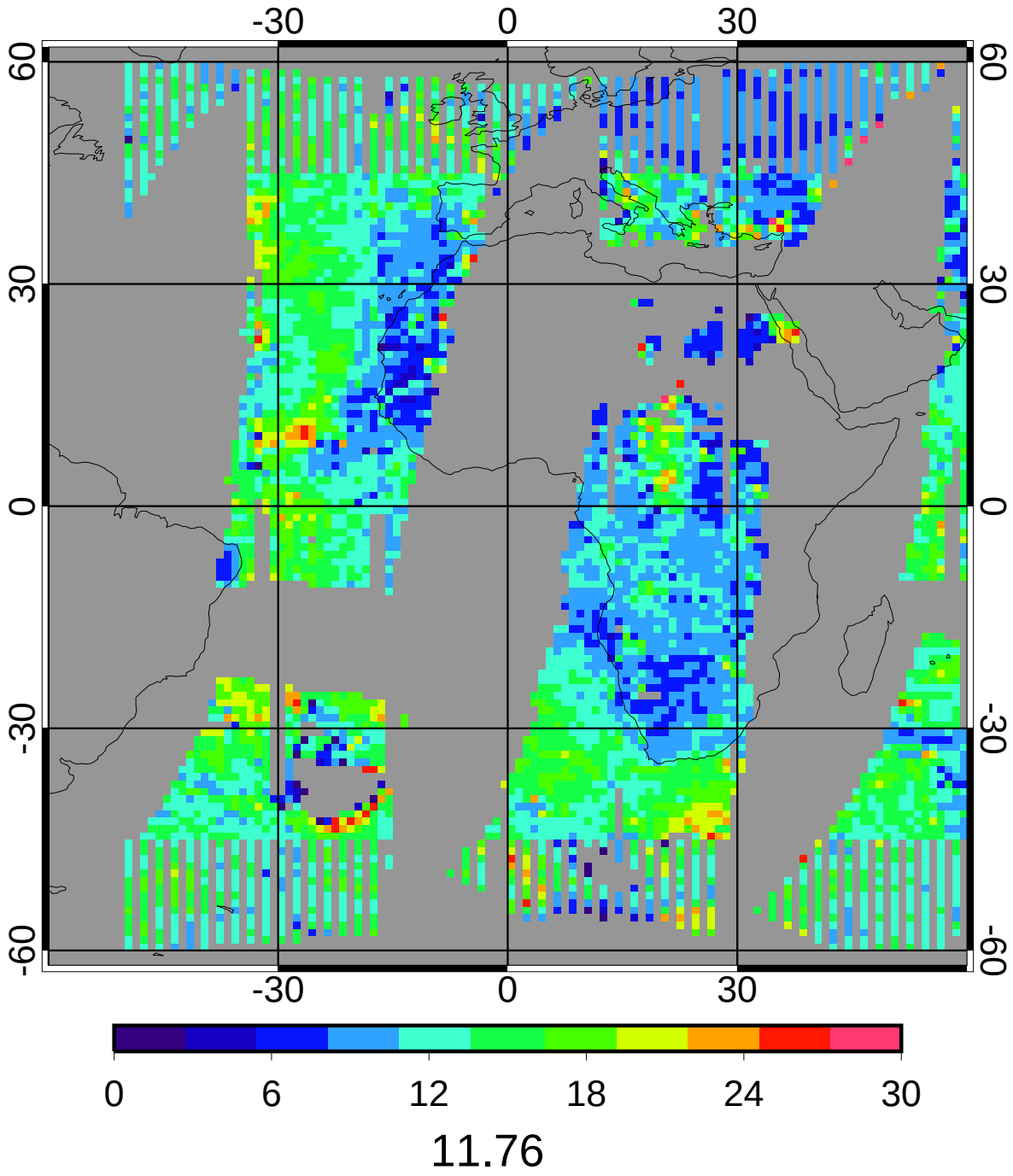
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Apr 2010



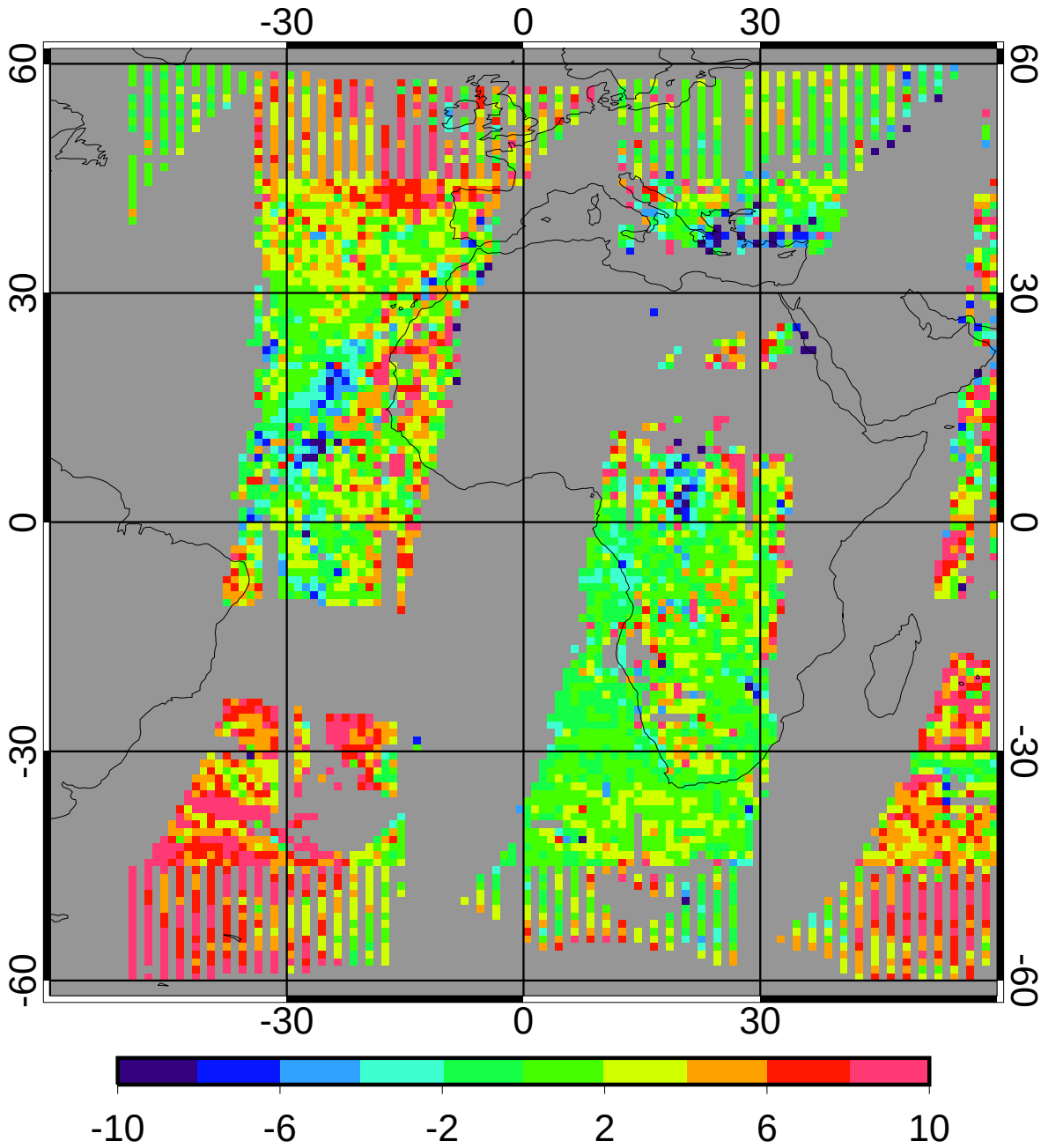
CERES/Terra MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Apr 2010



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

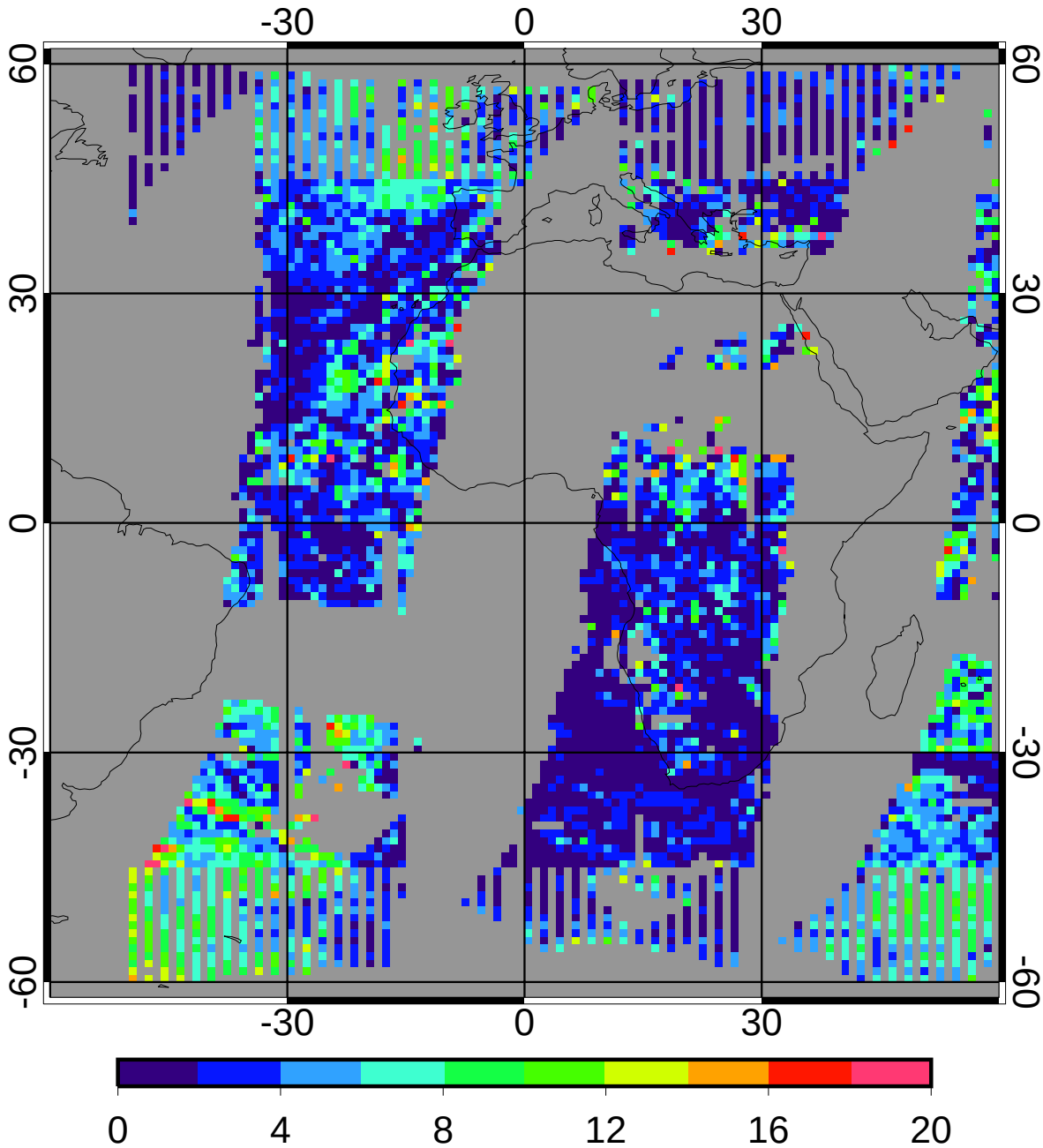
5ch_39cal Apr 2010



bias	2.11	17.93%
domain sigma	3.48	29.58%

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

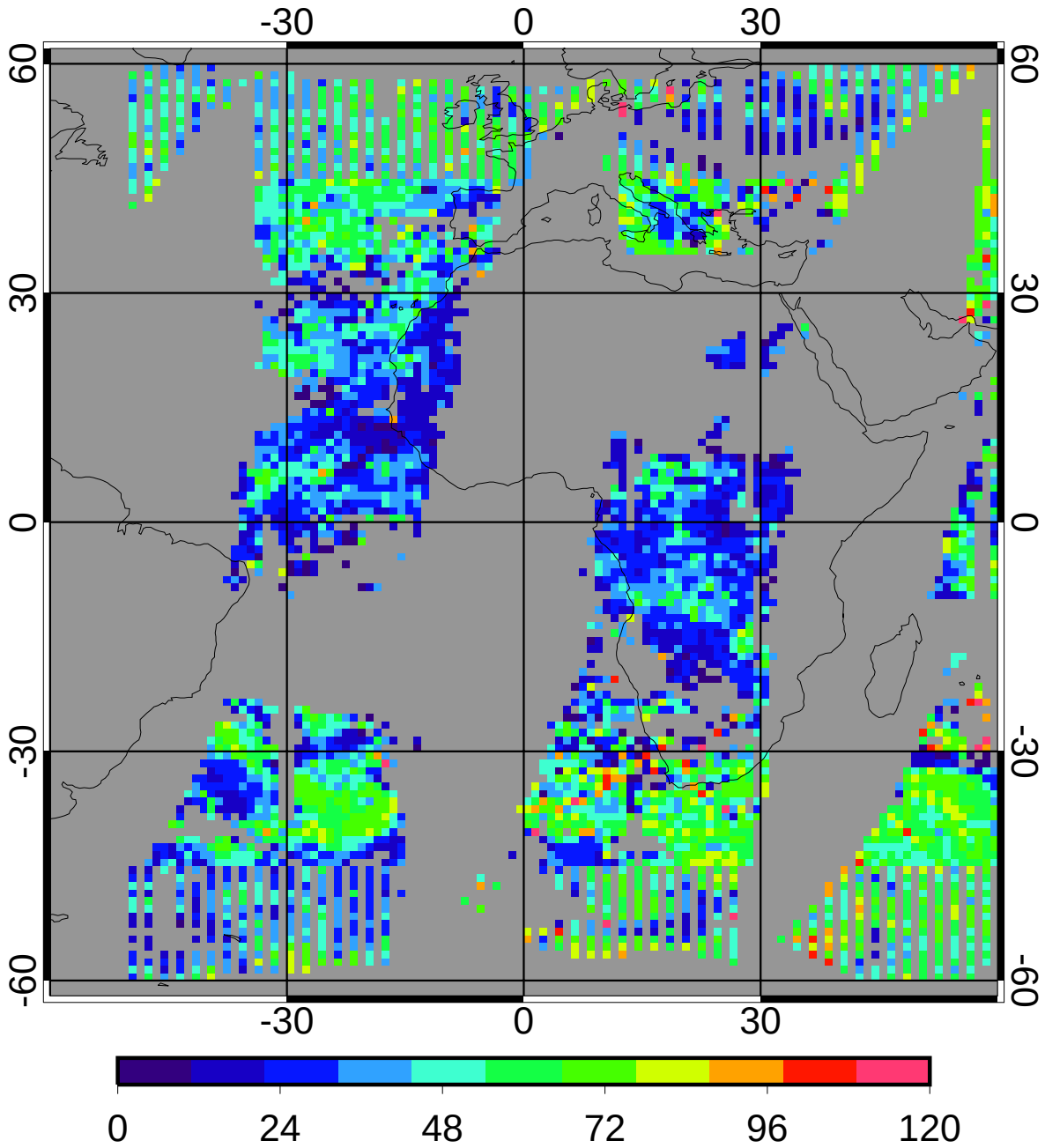
5ch_39cal Apr 2010



regave rms	3.32	28.23%
domain rms	4.50	38.30%

GGEO MEAN Daytime Ice Particle Size (microns)

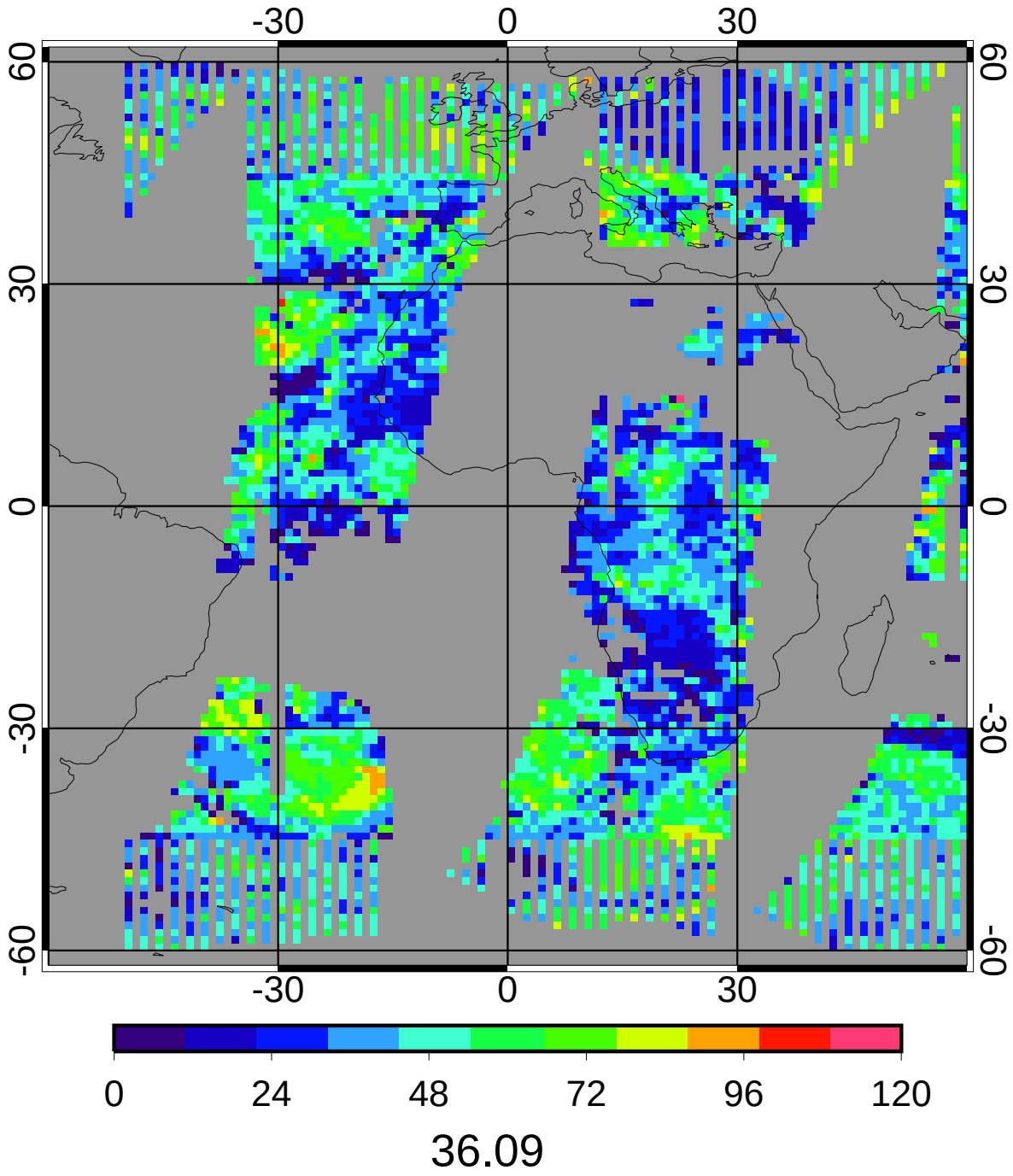
5ch_39cal Apr 2010



31.88

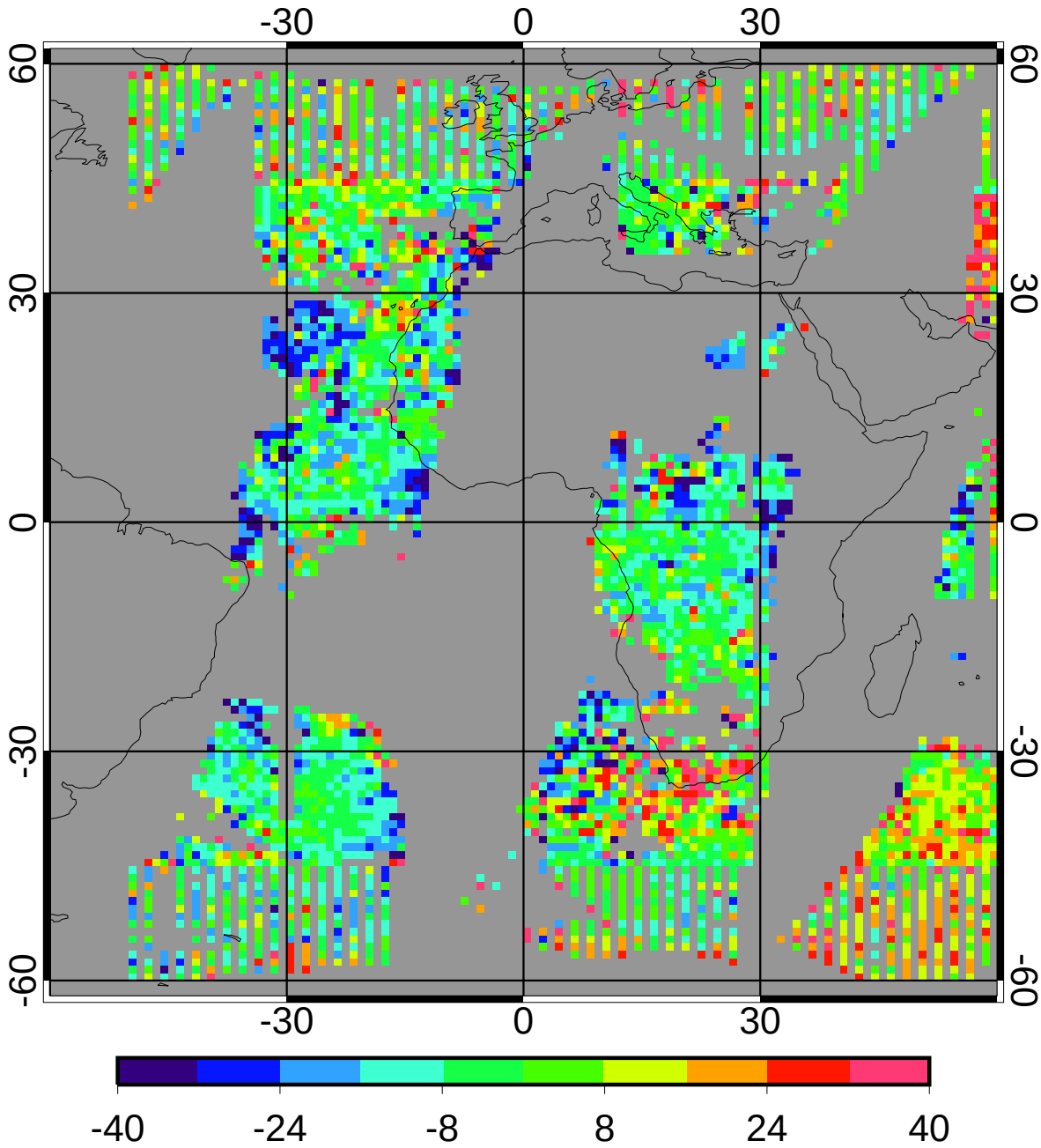
CERES/Terra MEAN Daytime Ice Particle Size (microns)

5ch_39cal Apr 2010



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

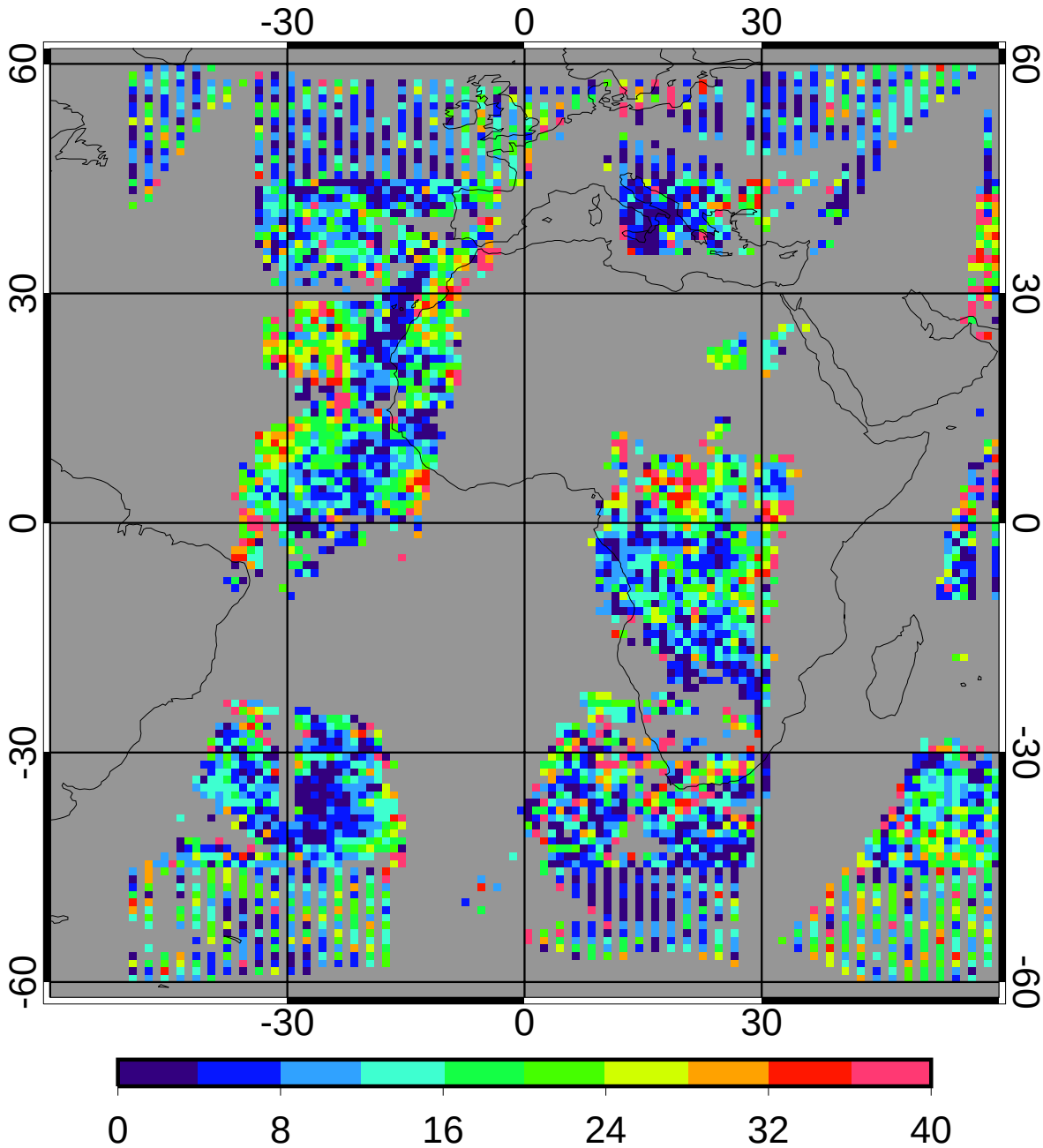
5ch_39cal Apr 2010



bias	-1.82	-5.05%
domain sigma	14.99	41.54%

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

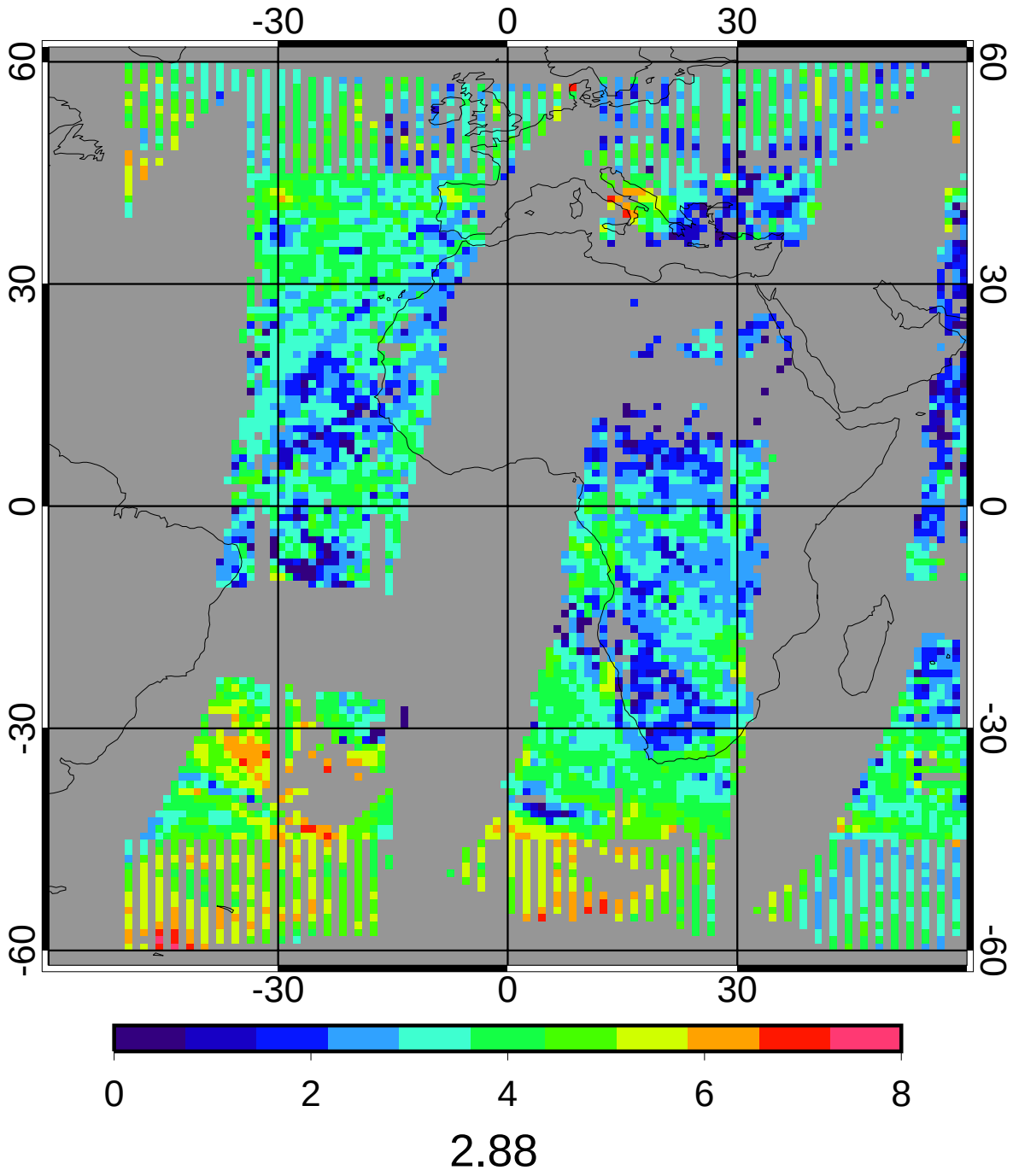
5ch_39cal Apr 2010



regave rms	10.59	29.34%
domain rms	17.03	47.20%

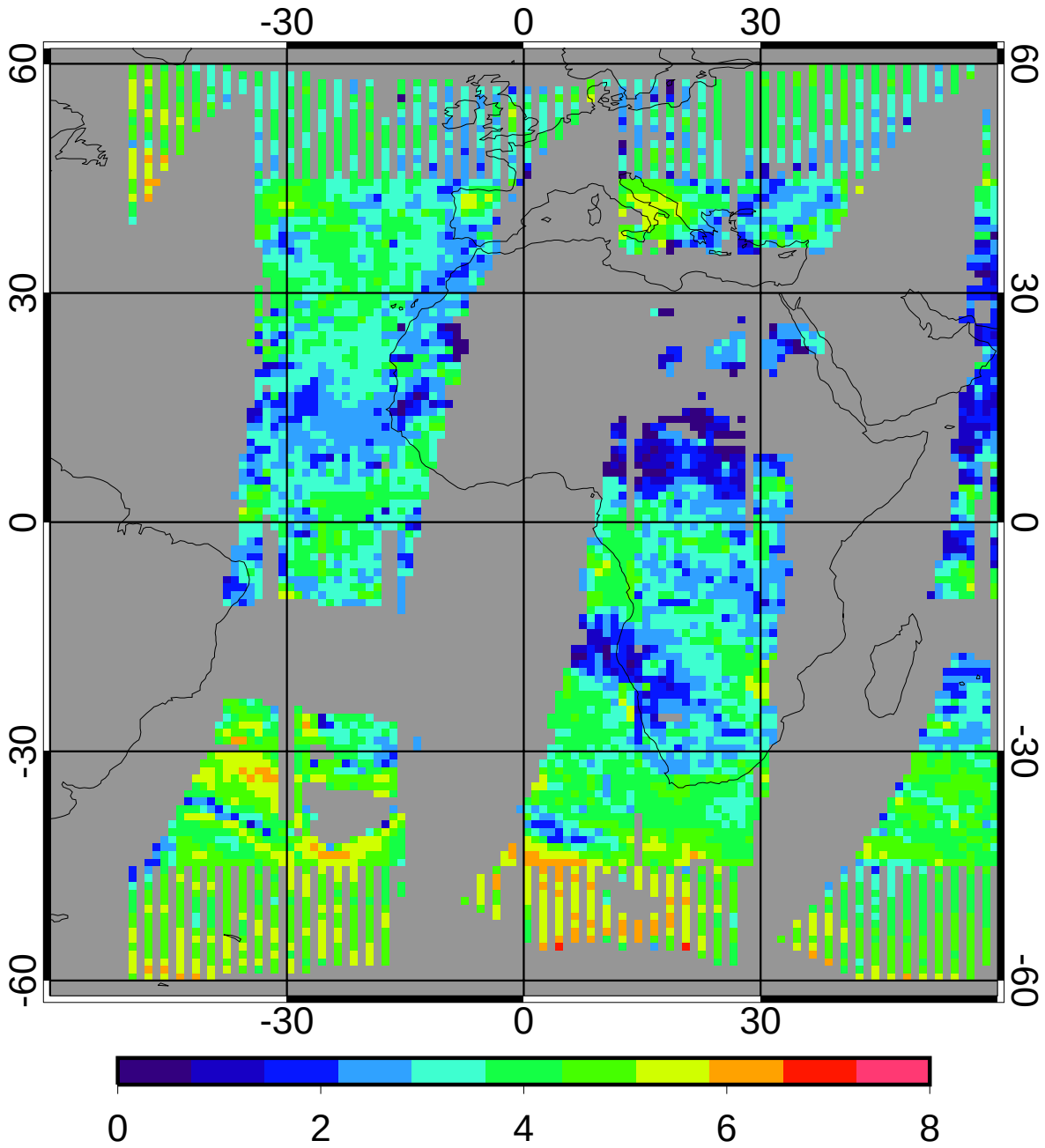
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010



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

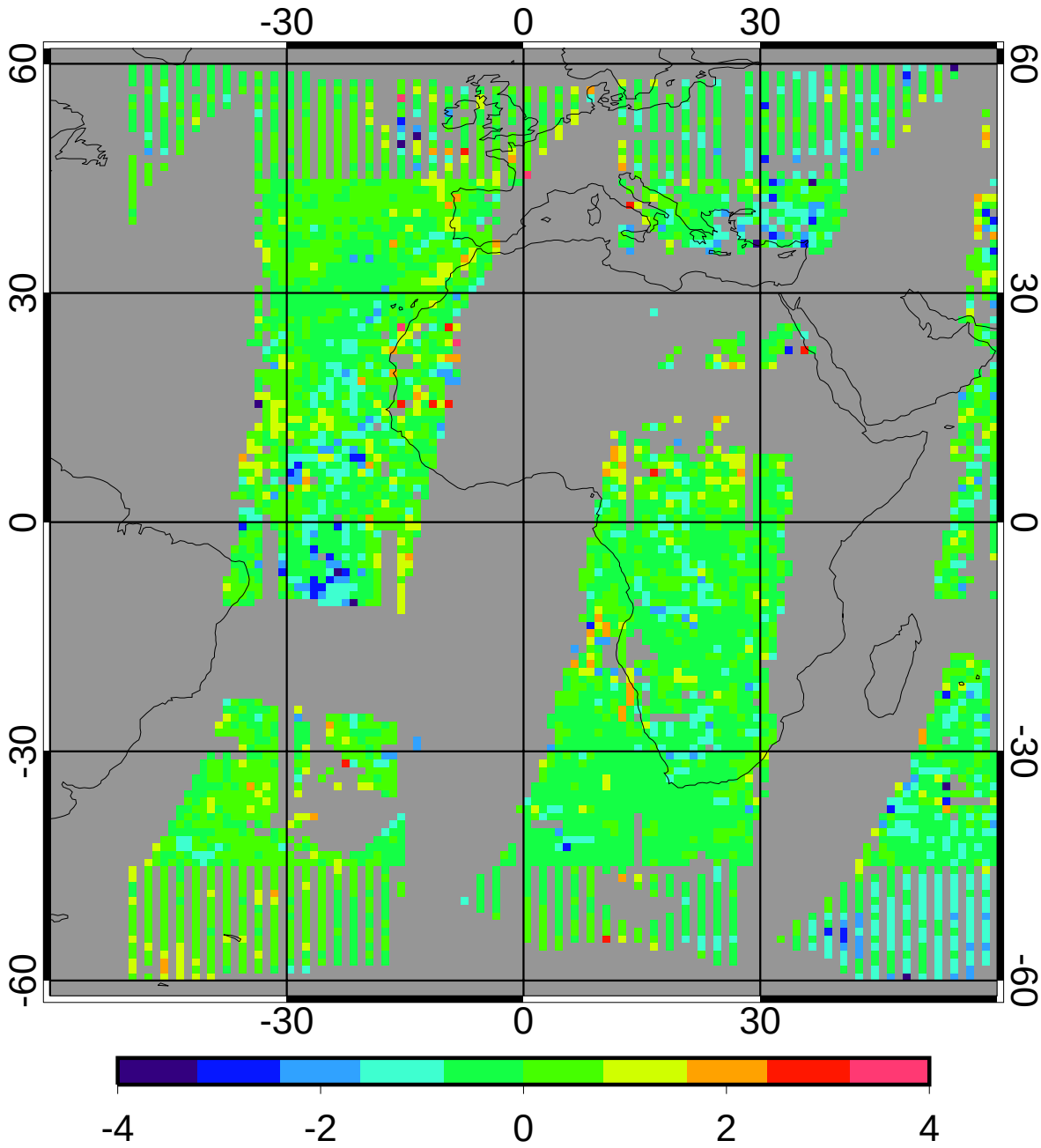
5ch_39cal Apr 2010



3.17

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

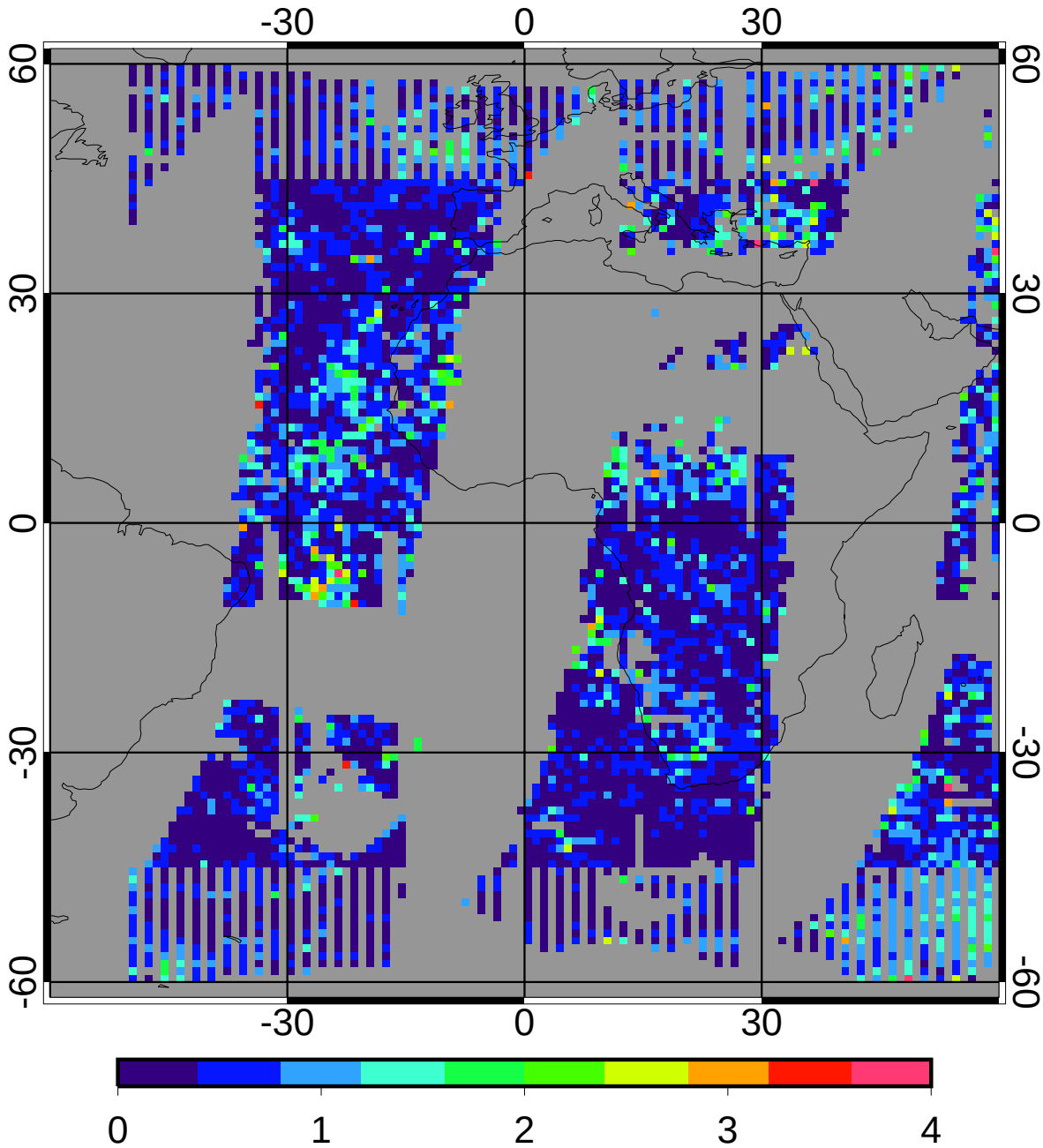
5ch_39cal Apr 2010



bias	-0.11	-3.56%
domain sigma	0.61	19.26%

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

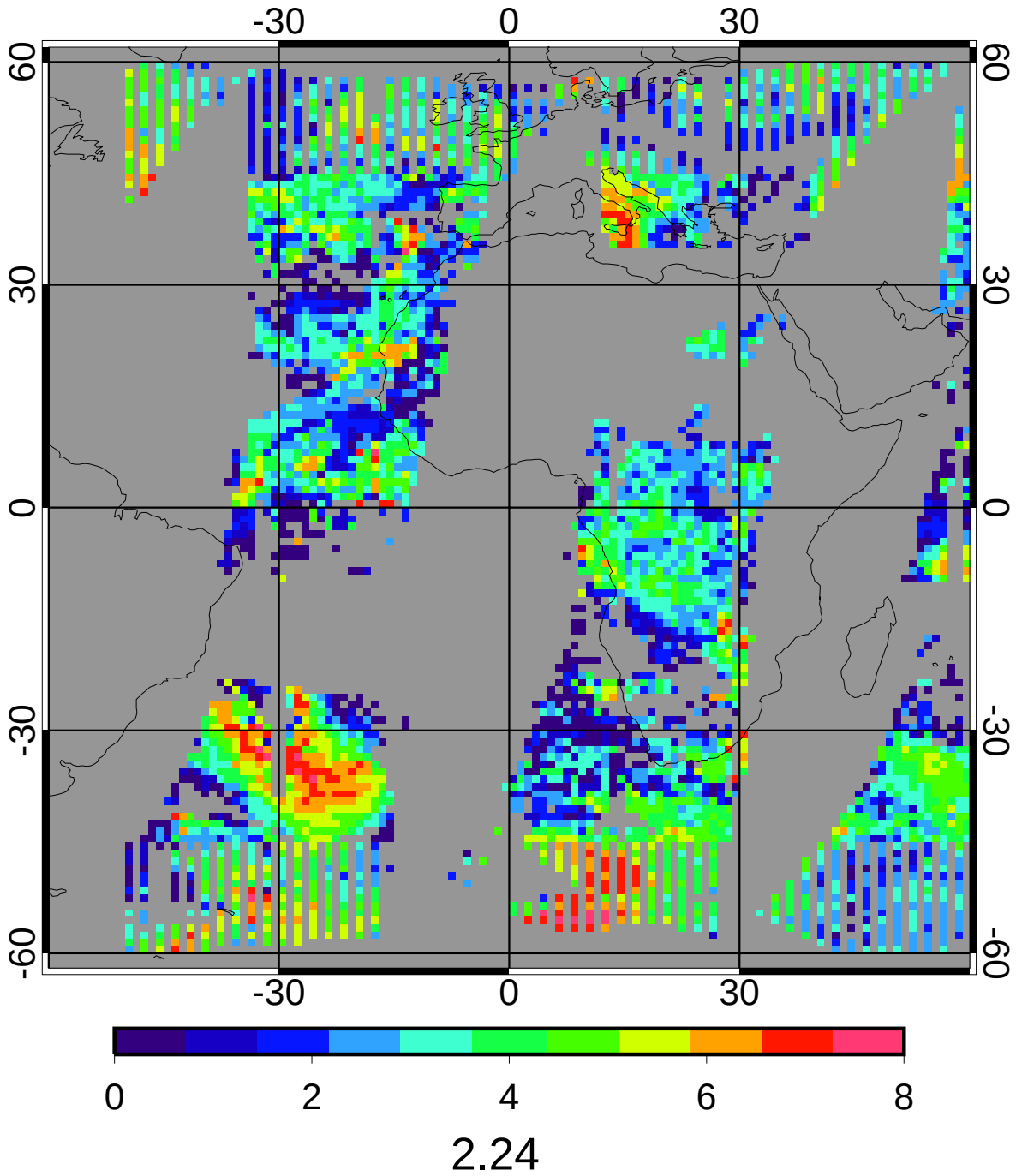
5ch_39cal Apr 2010



regave rms	0.47	14.68%
domain rms	0.66	20.74%

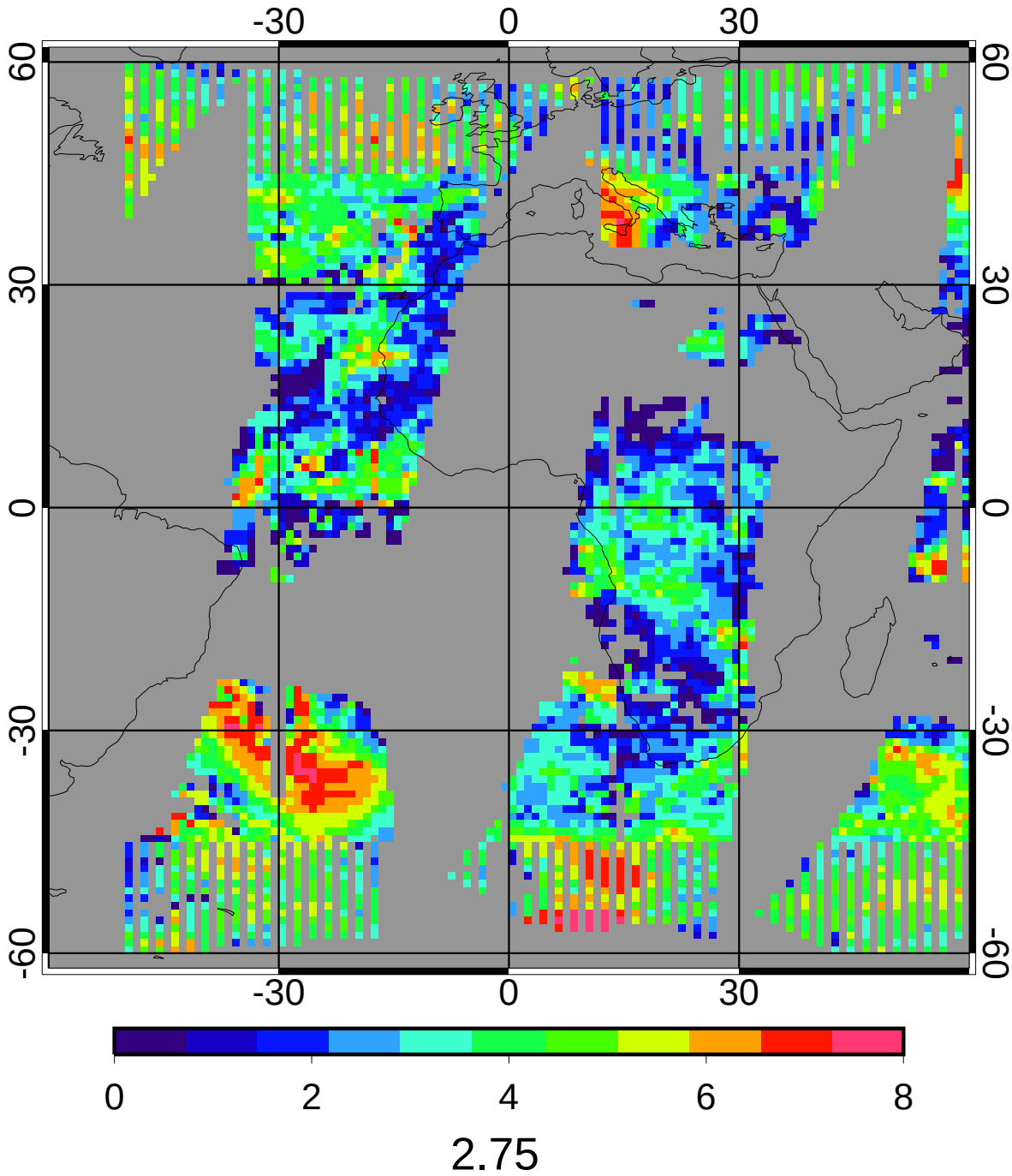
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010



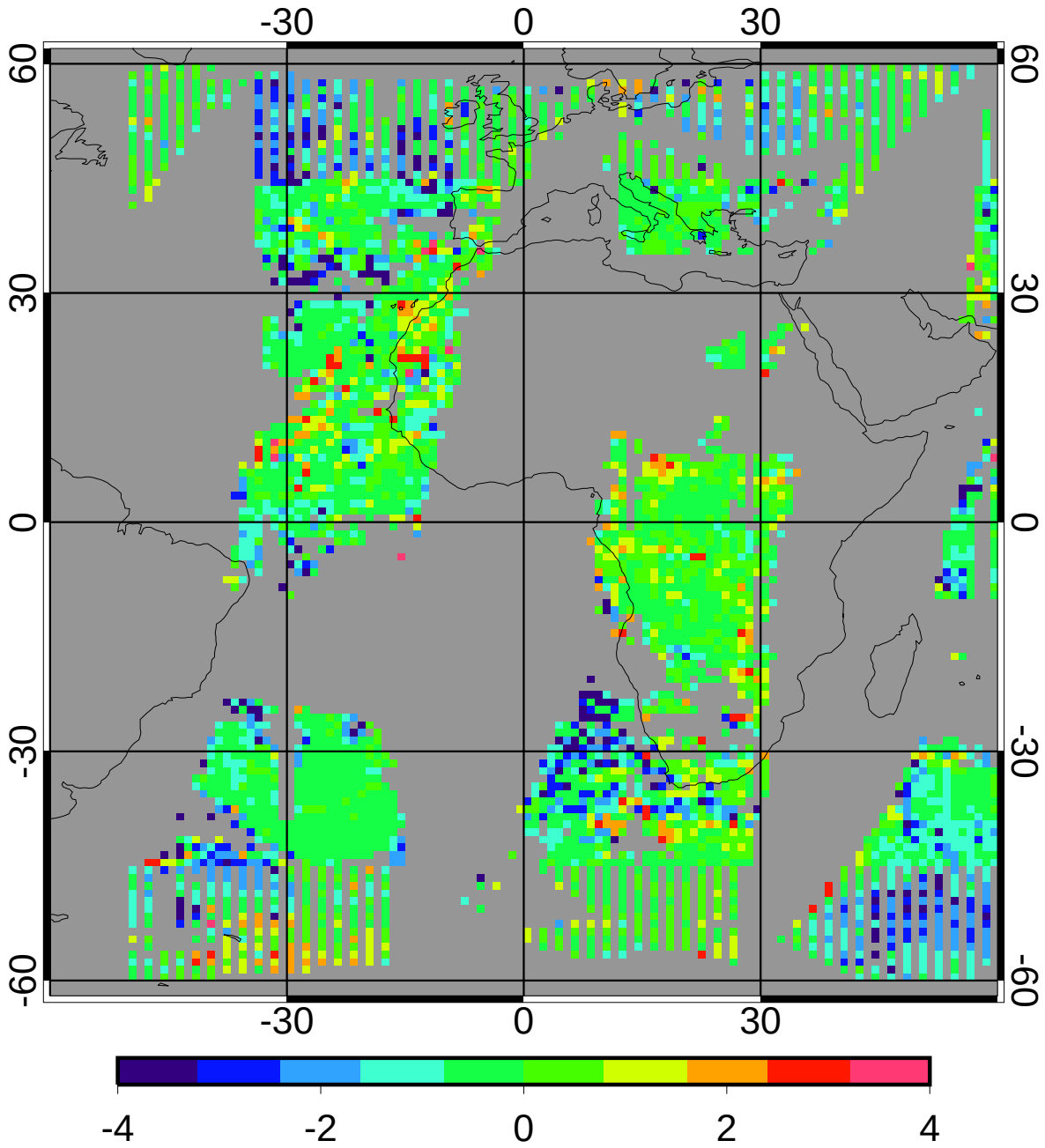
CERES/Terra MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010



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

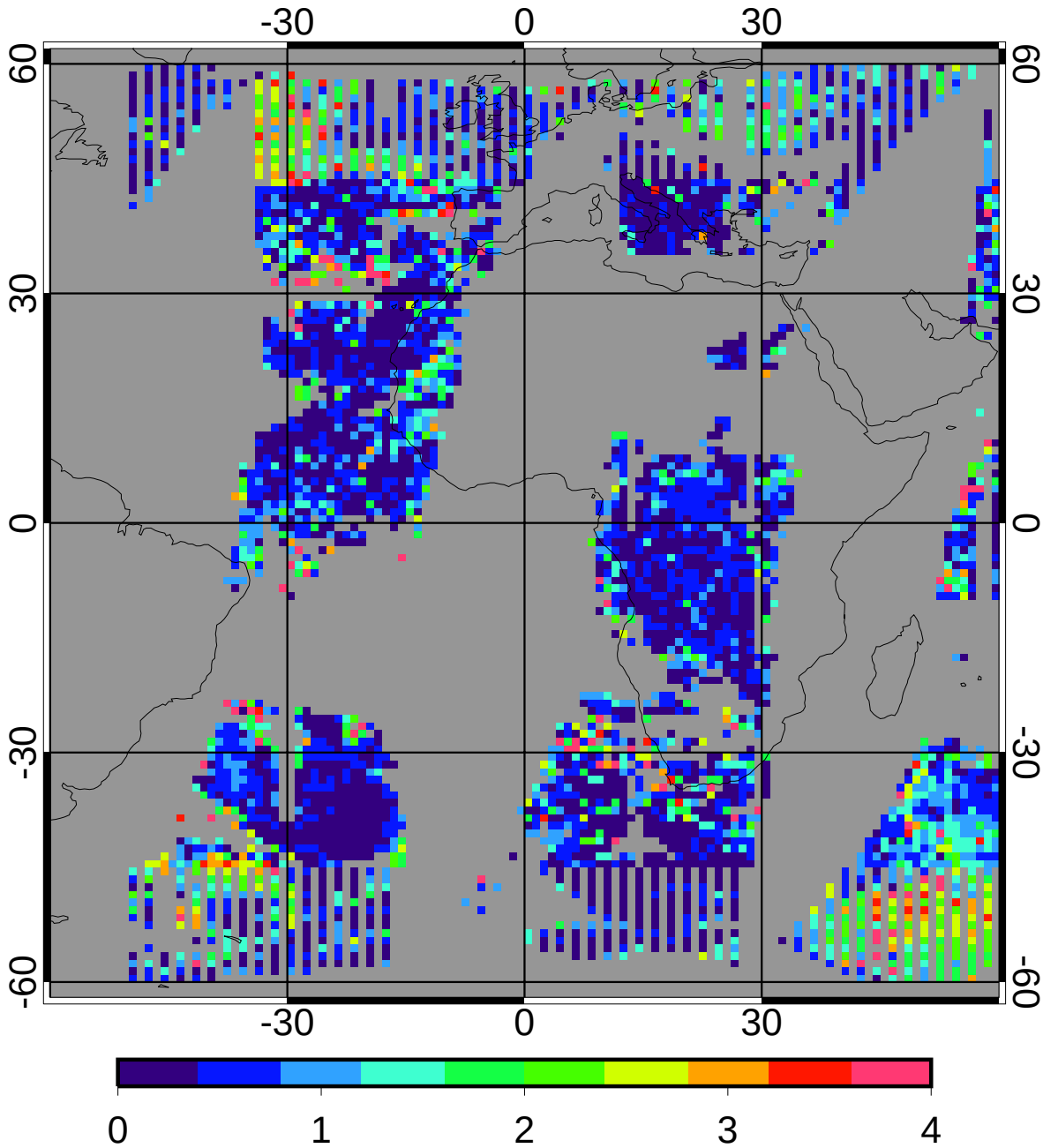
5ch_39cal Apr 2010



bias	-0.31	-11.16%
domain sigma	1.04	37.83%

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

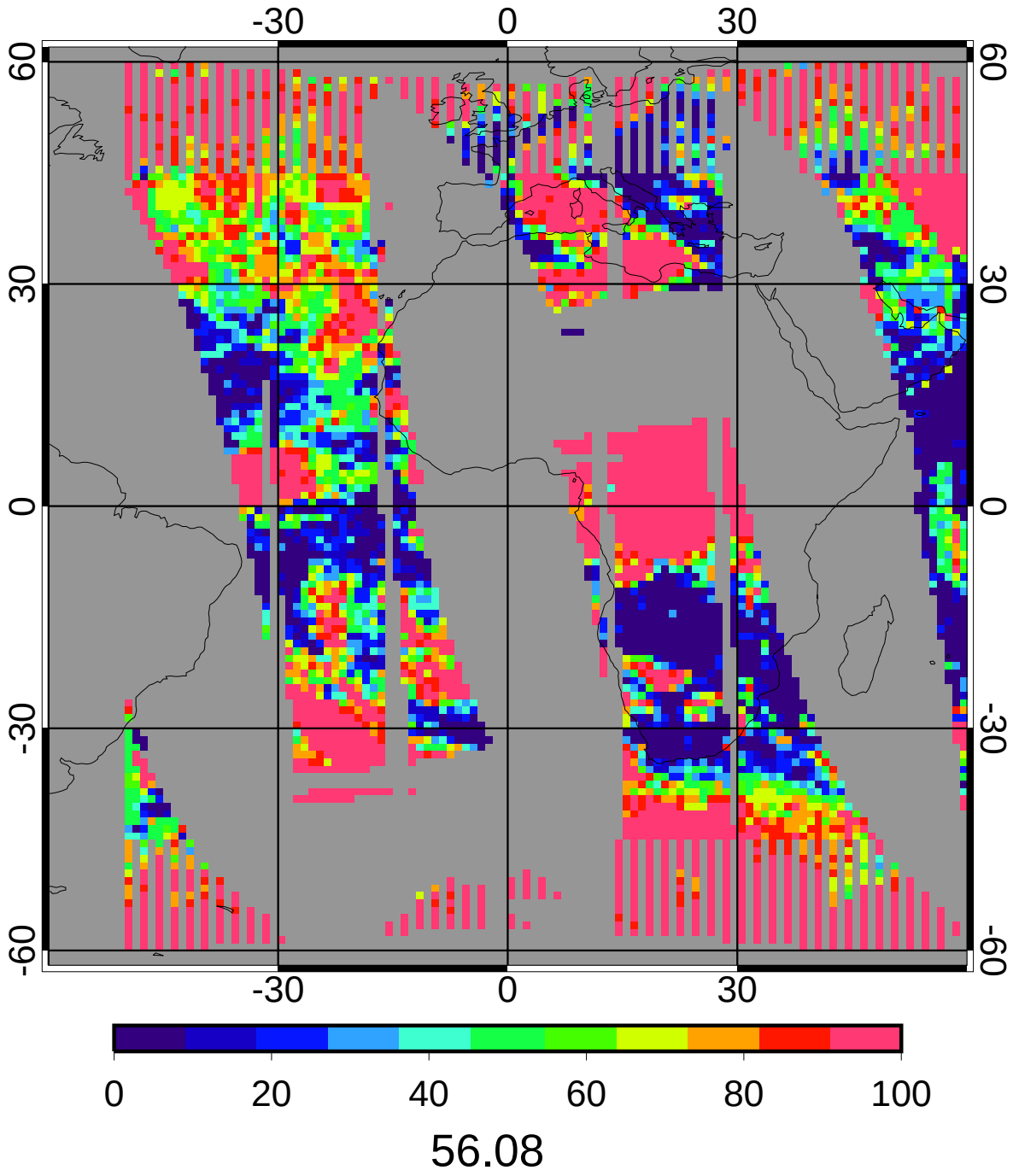
5ch_39cal Apr 2010



regave rms	0.59	21.36%
domain rms	1.10	39.81%

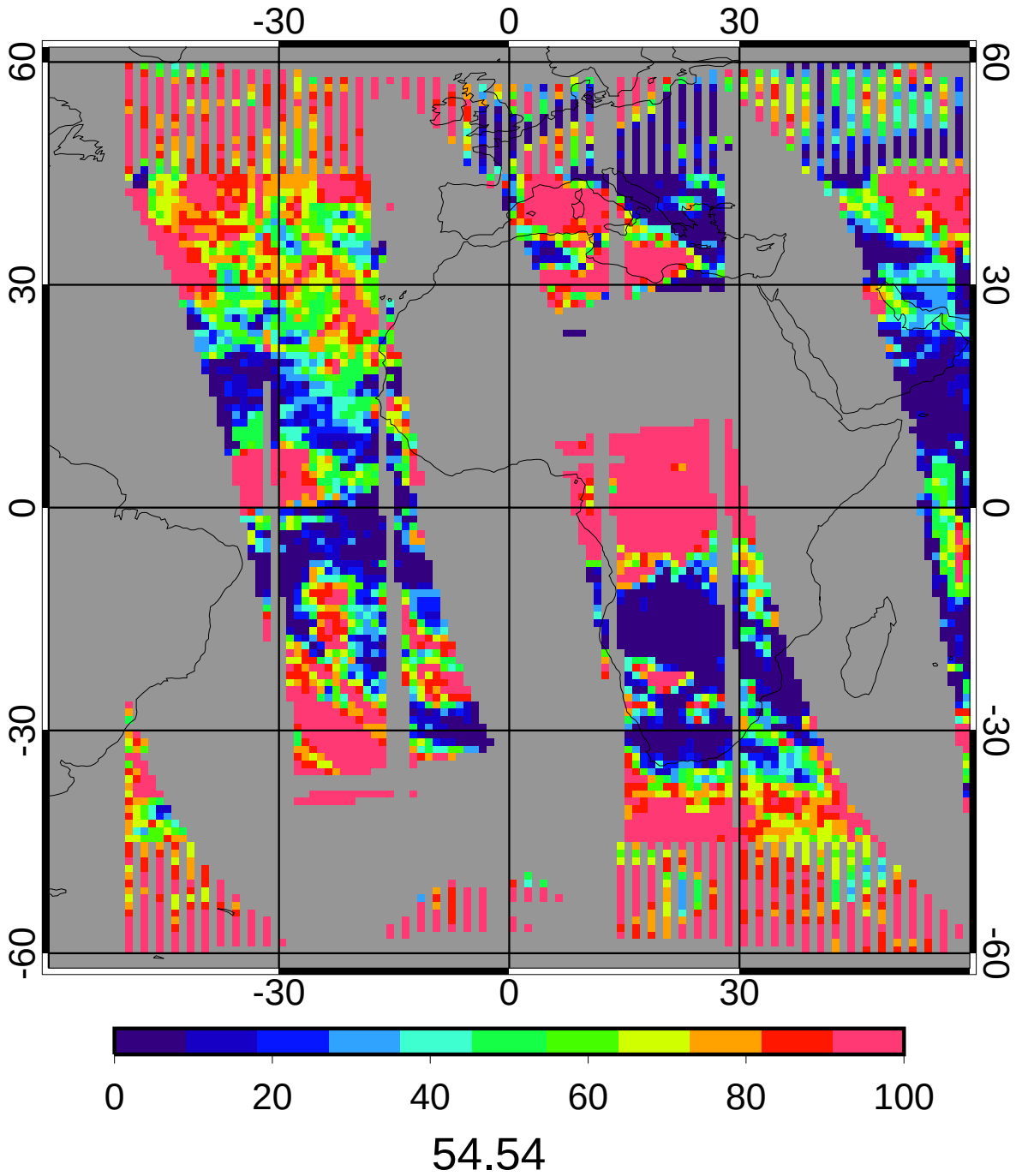
GGEO MEAN Nighttime Cloud Amount (%)

5ch_39cal Apr 2010



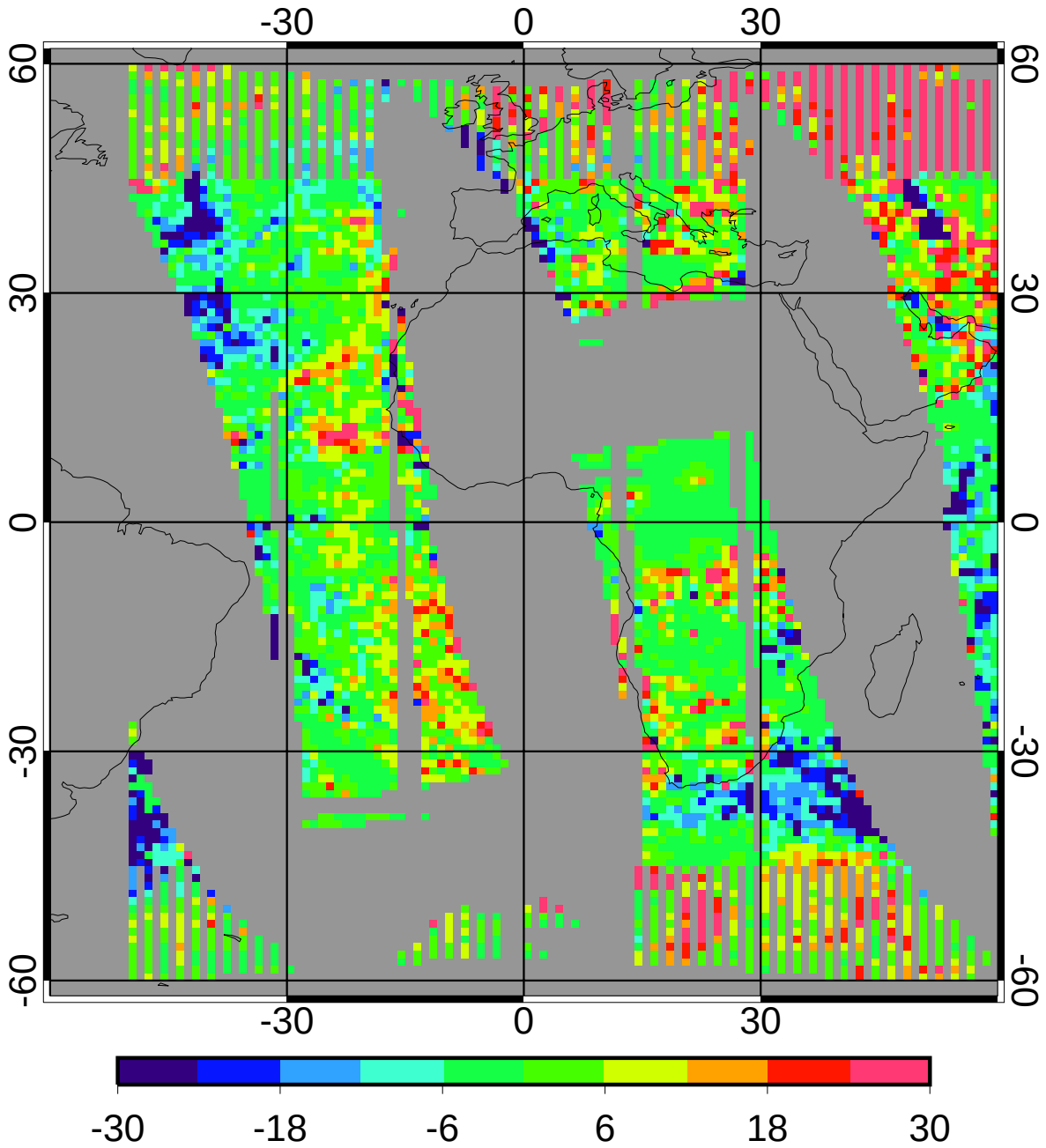
CERES/Terra MEAN Nighttime Cloud Amount (%)

5ch_39cal Apr 2010



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

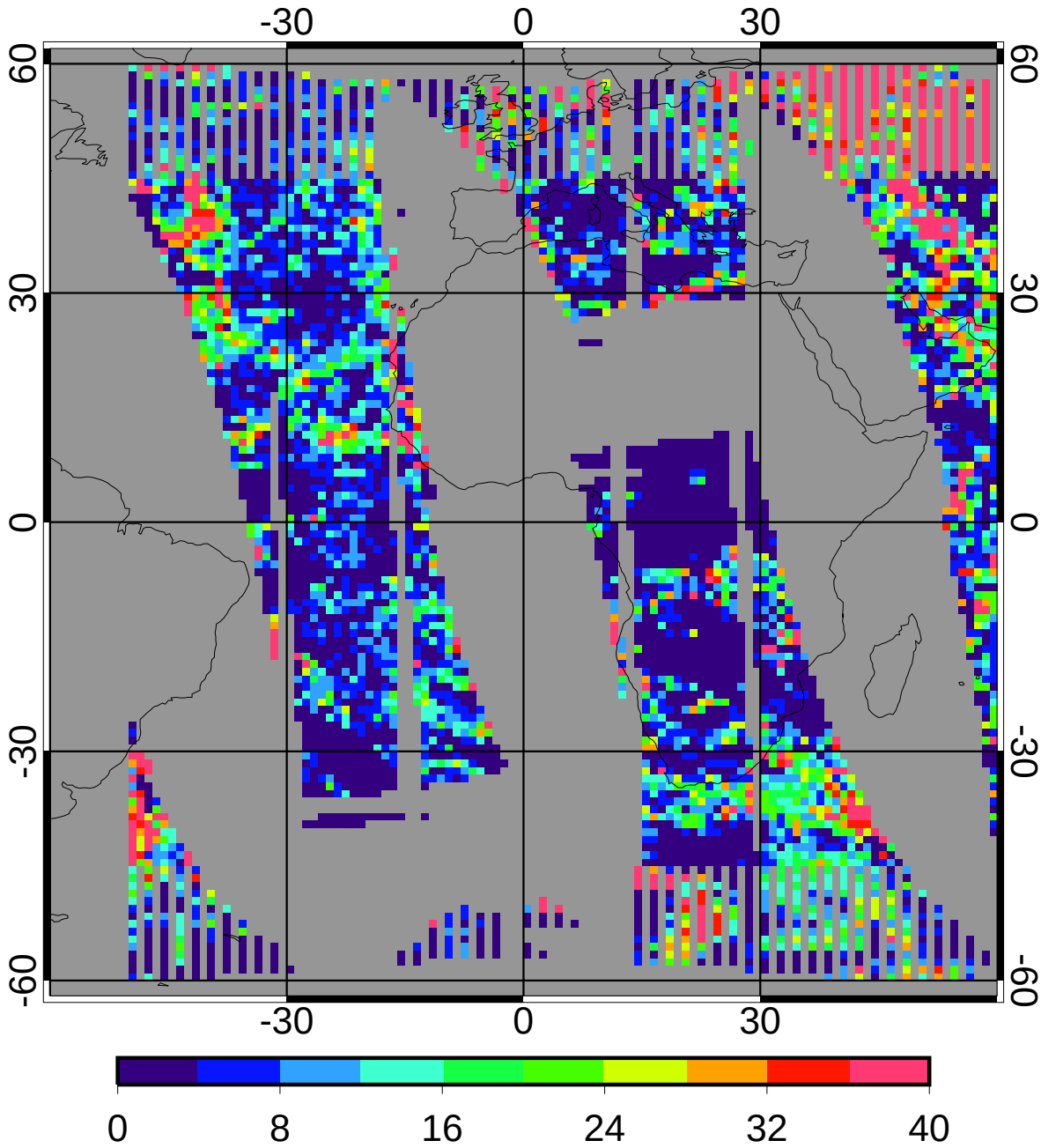
5ch_39cal Apr 2010



bias	1.54	2.82%
domain sigma	12.93	23.70%

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

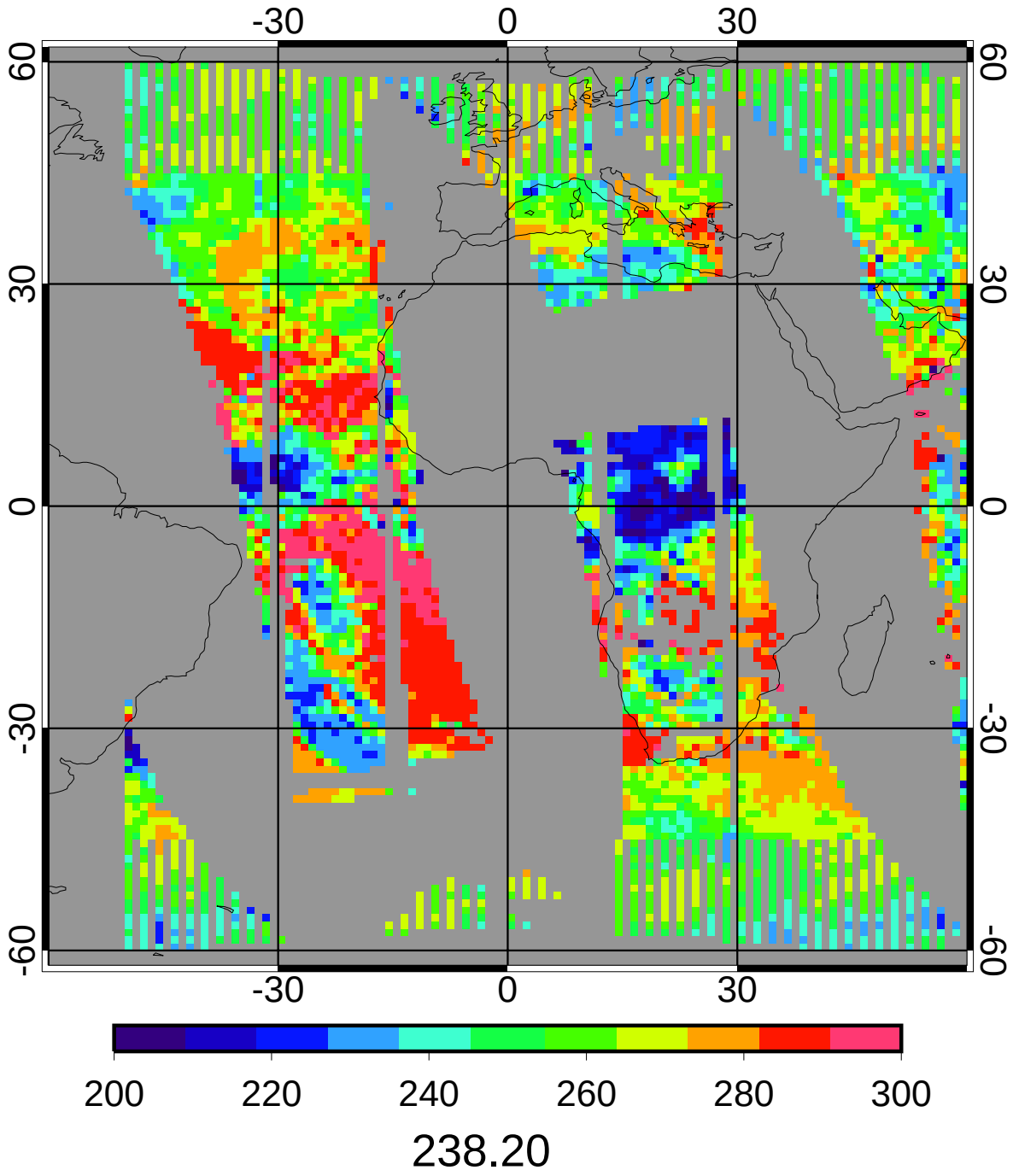
5ch_39cal Apr 2010



regave rms	10.83	19.85%
domain rms	16.86	30.92%

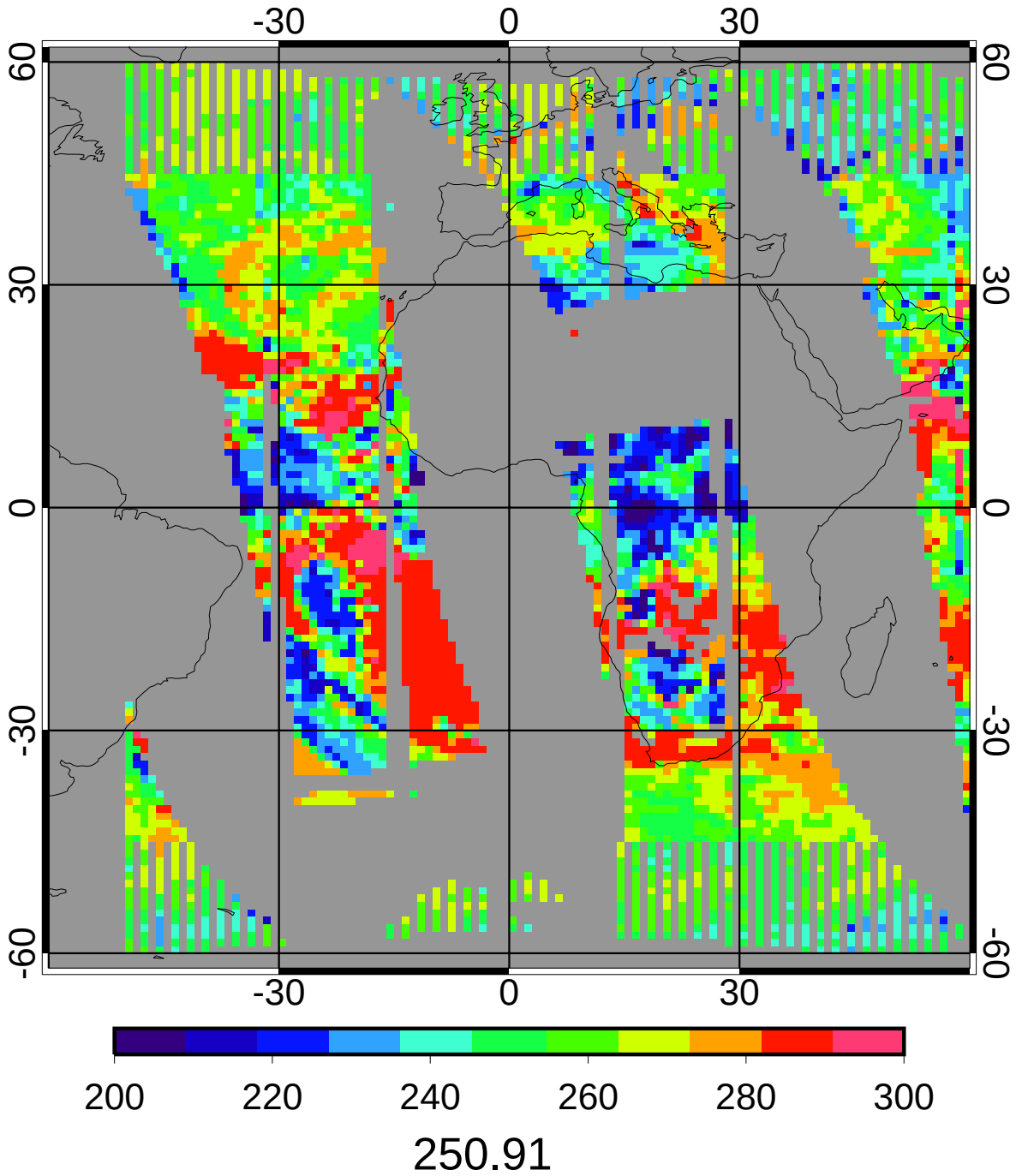
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_39cal Apr 2010



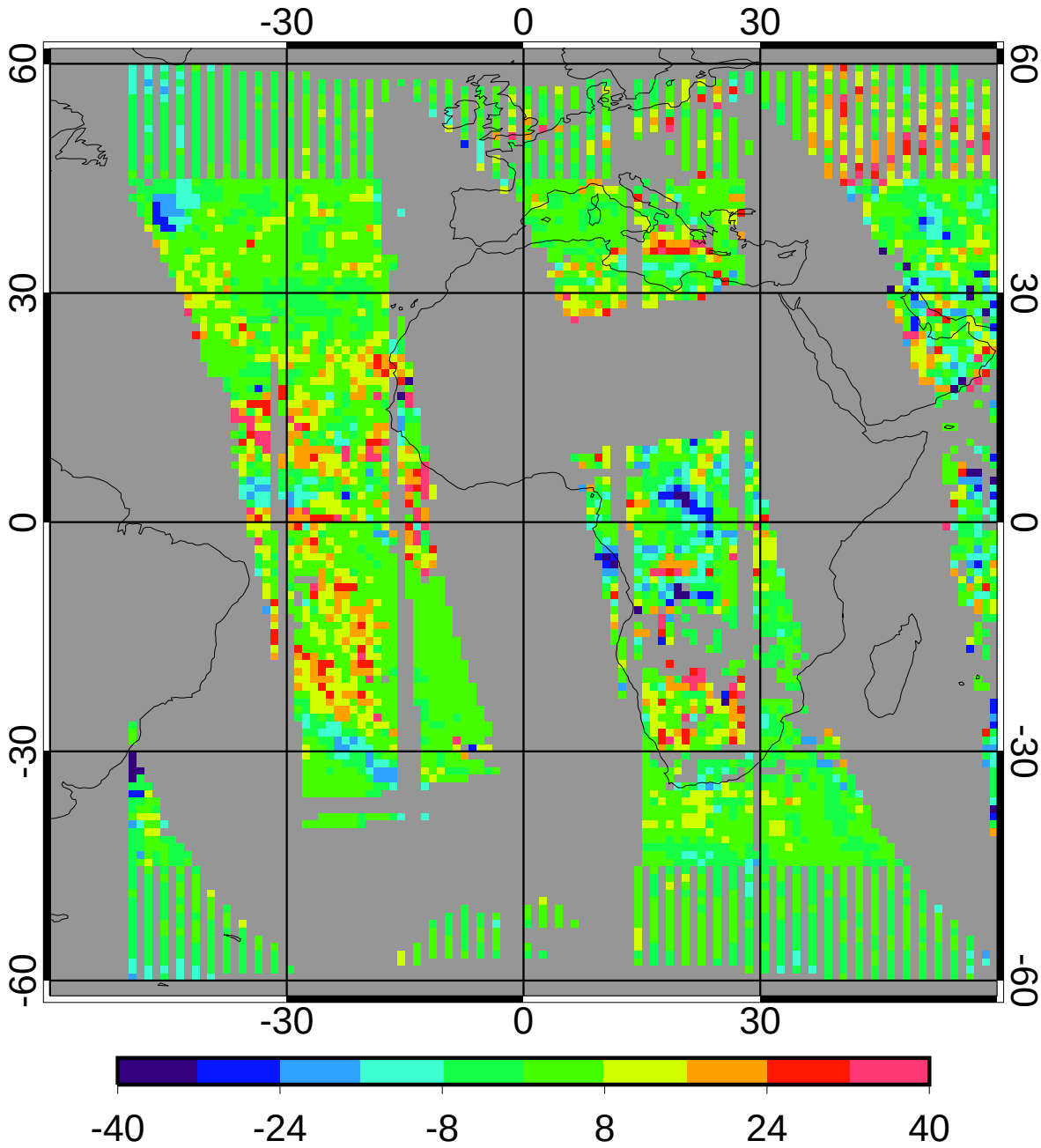
CERES/Terra MEAN Nighttime Cloud Temperature (K)

5ch_39cal Apr 2010



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

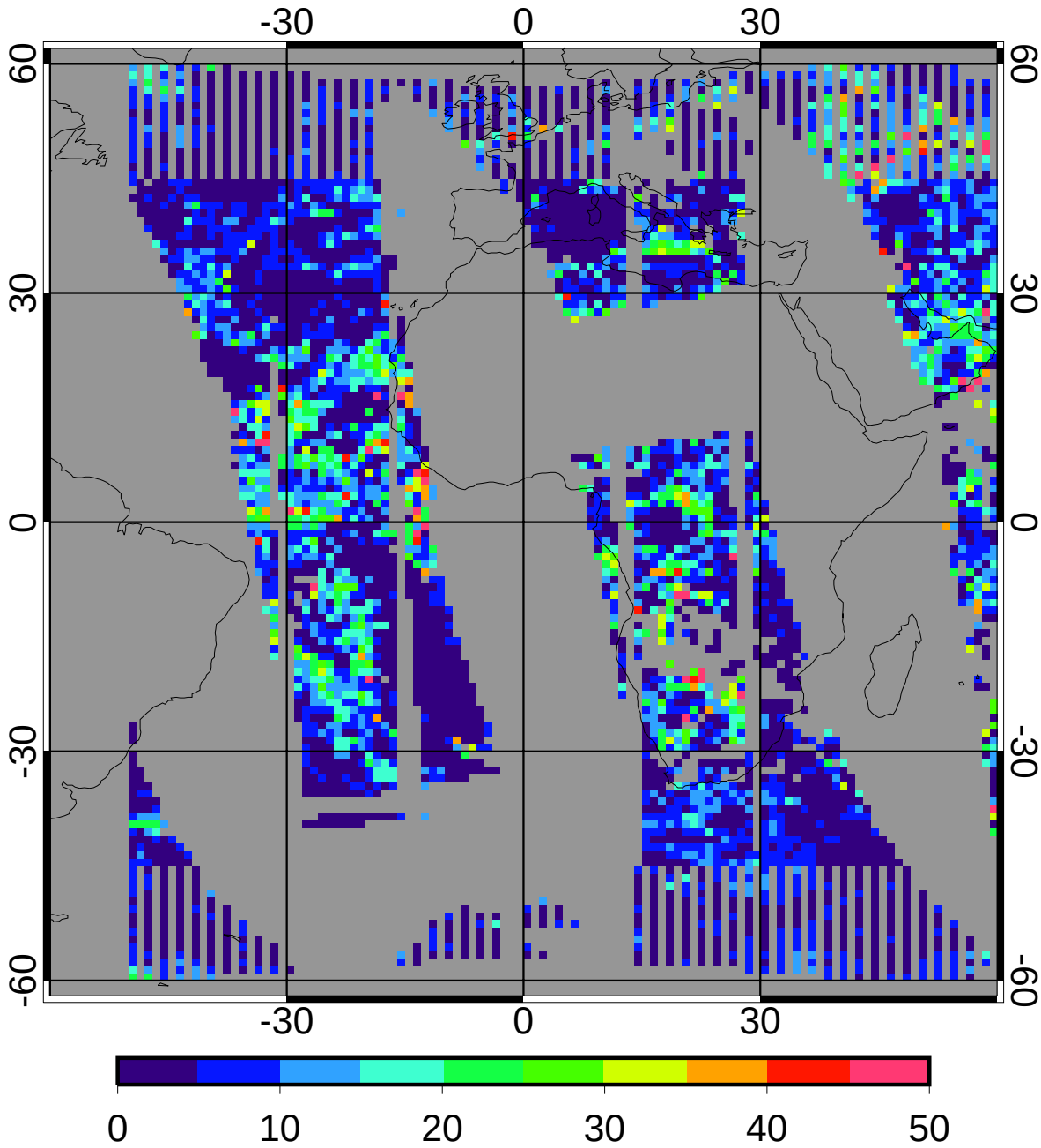
5ch_39cal Apr 2010



bias	2.80	1.11%
domain sigma	10.22	4.07%

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

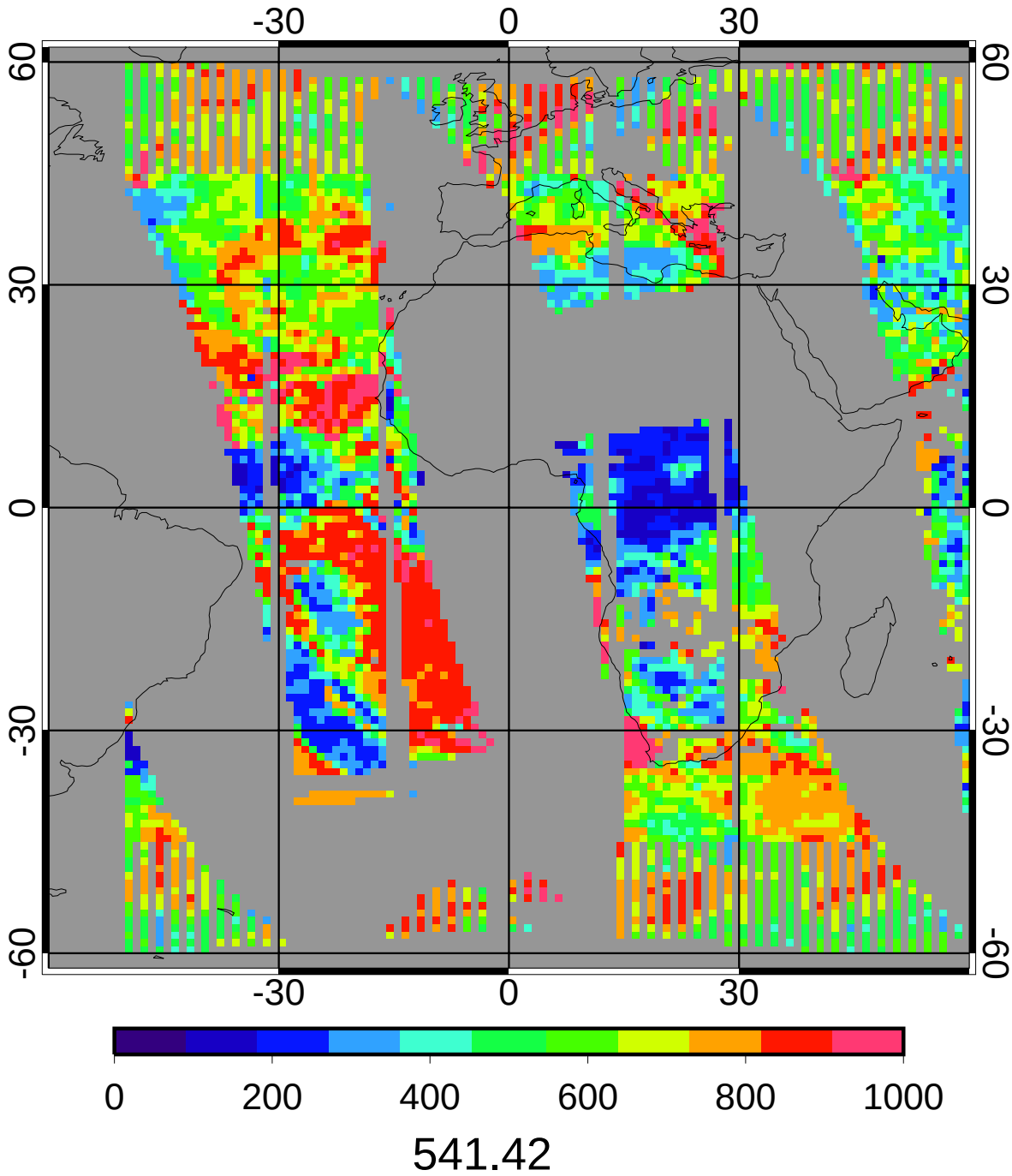
5ch_39cal Apr 2010



regave rms	7.72	3.08%
domain rms	10.63	4.24%

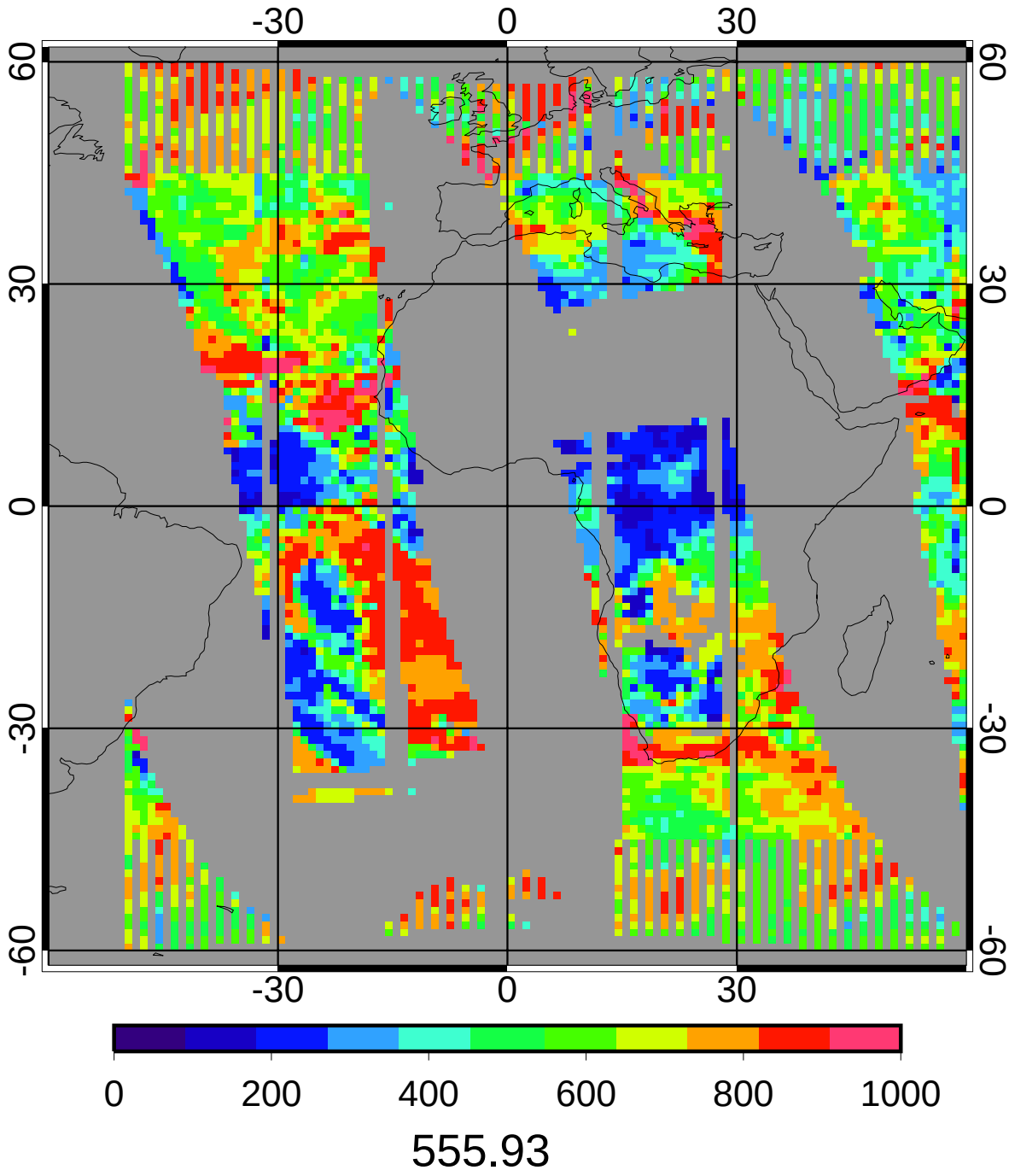
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



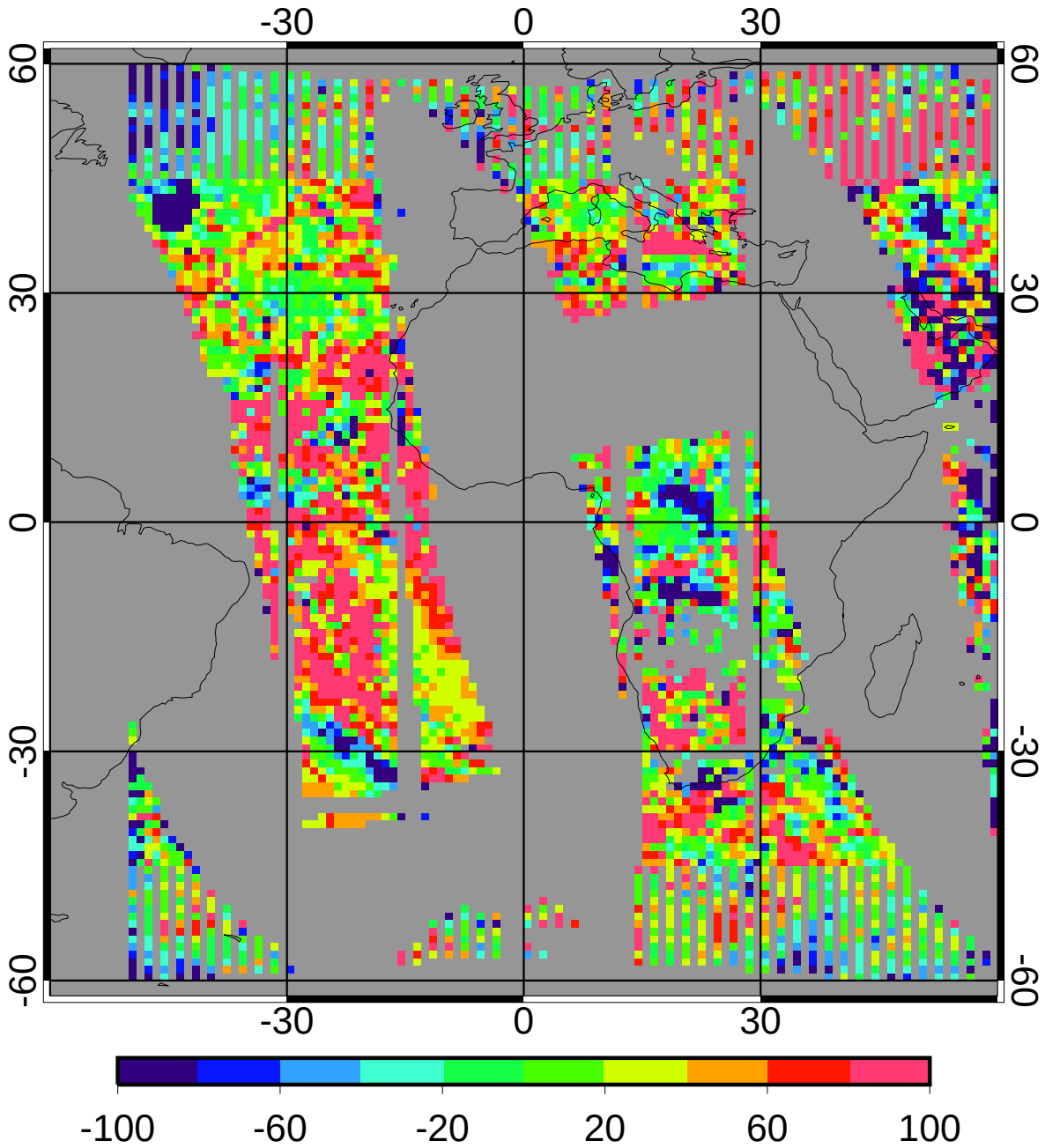
CERES/Terra MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010



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

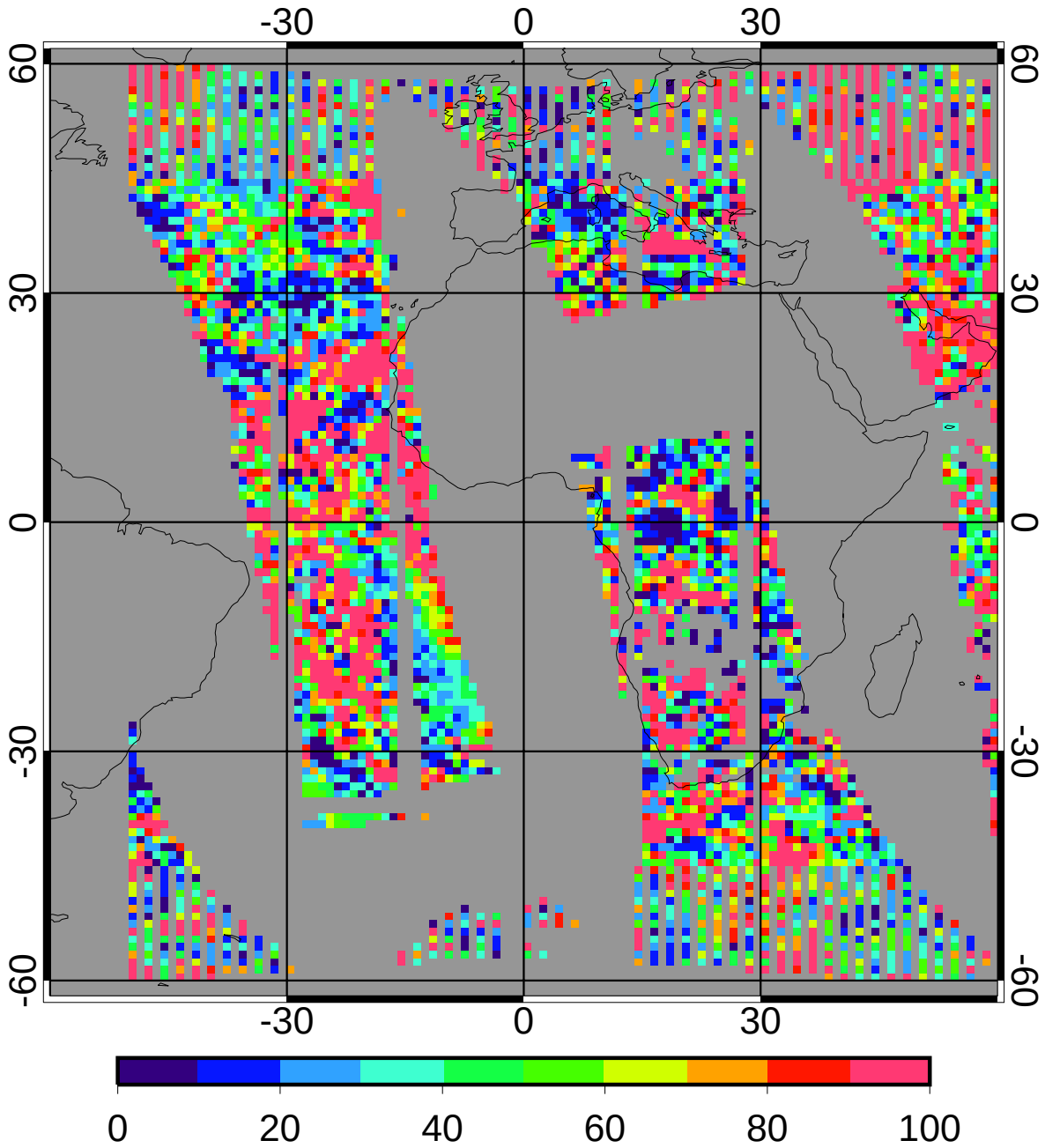
5ch_39cal Apr 2010



bias	25.88	4.65%
domain sigma	89.50	16.10%

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

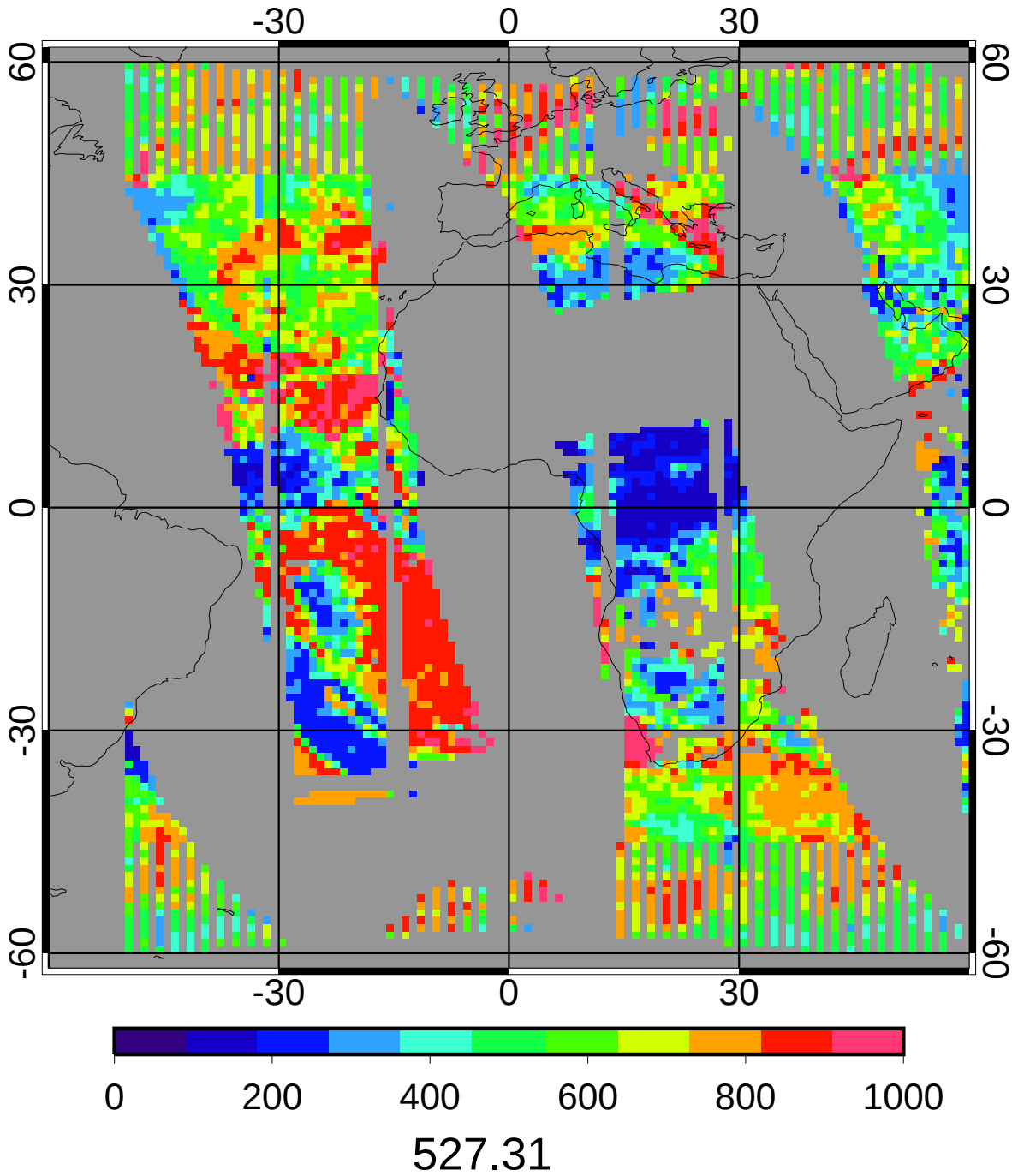
5ch_39cal Apr 2010



regave rms	67.18	12.08%
domain rms	92.92	16.71%

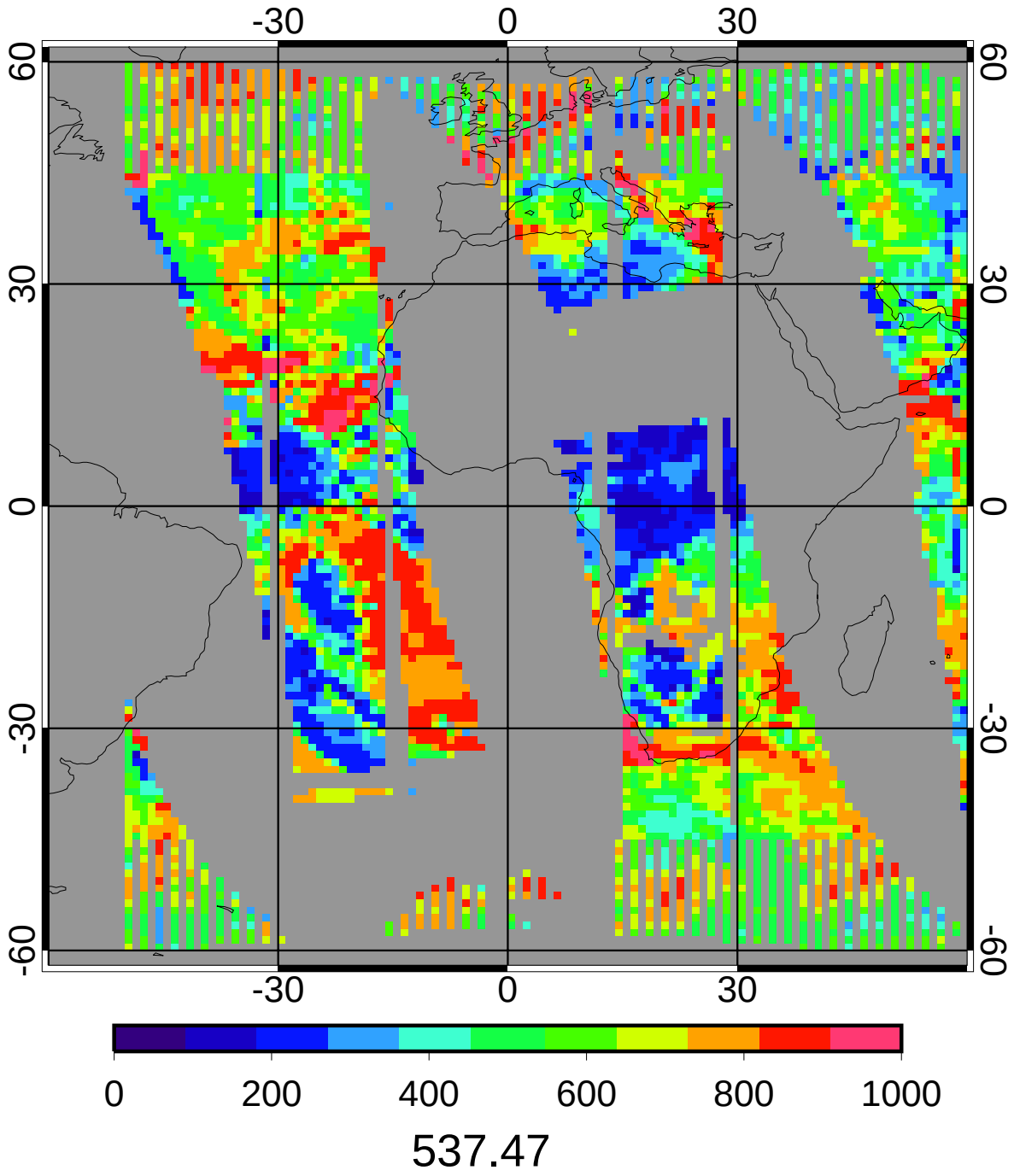
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



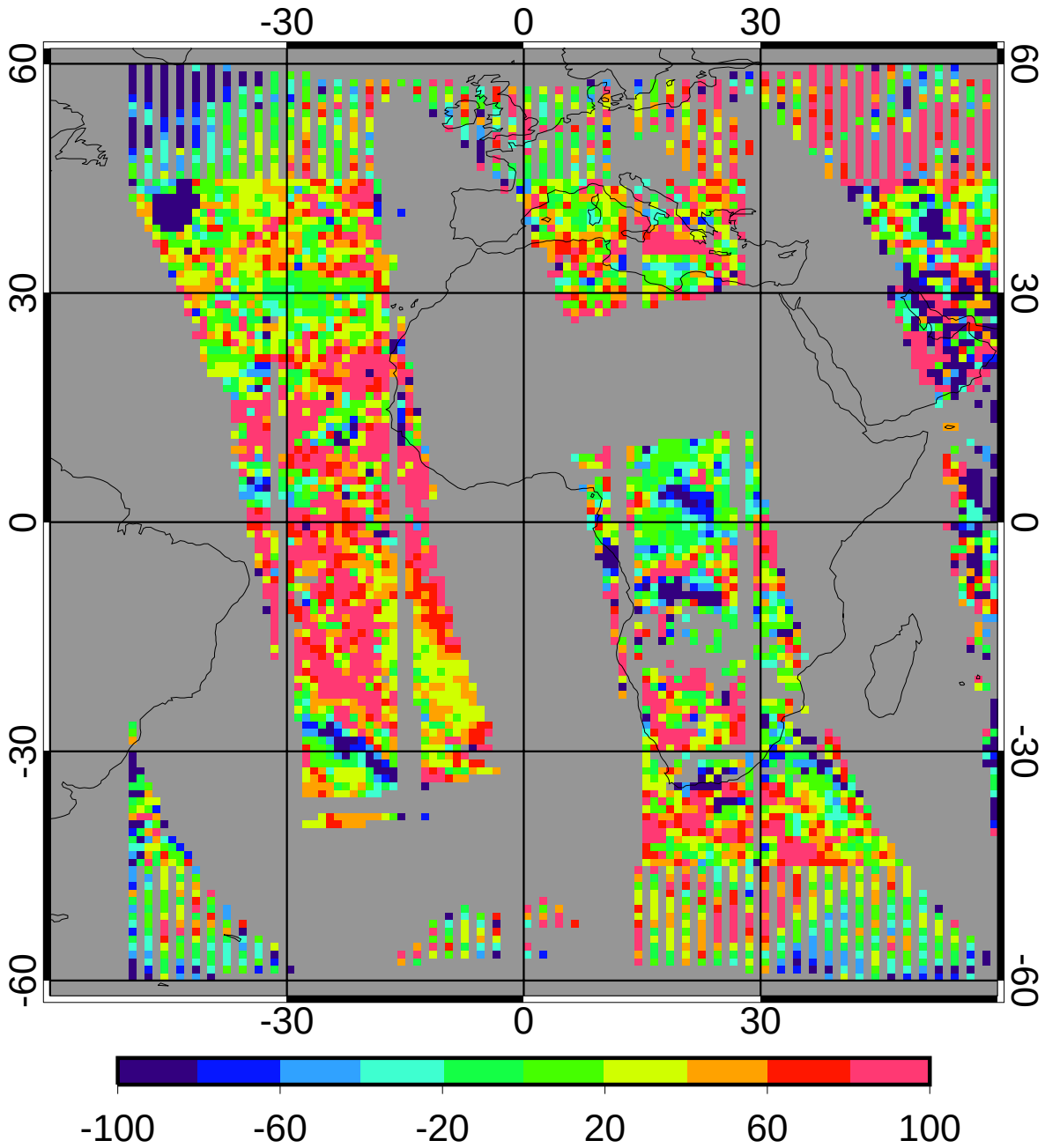
CERES/Terra MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Apr 2010



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

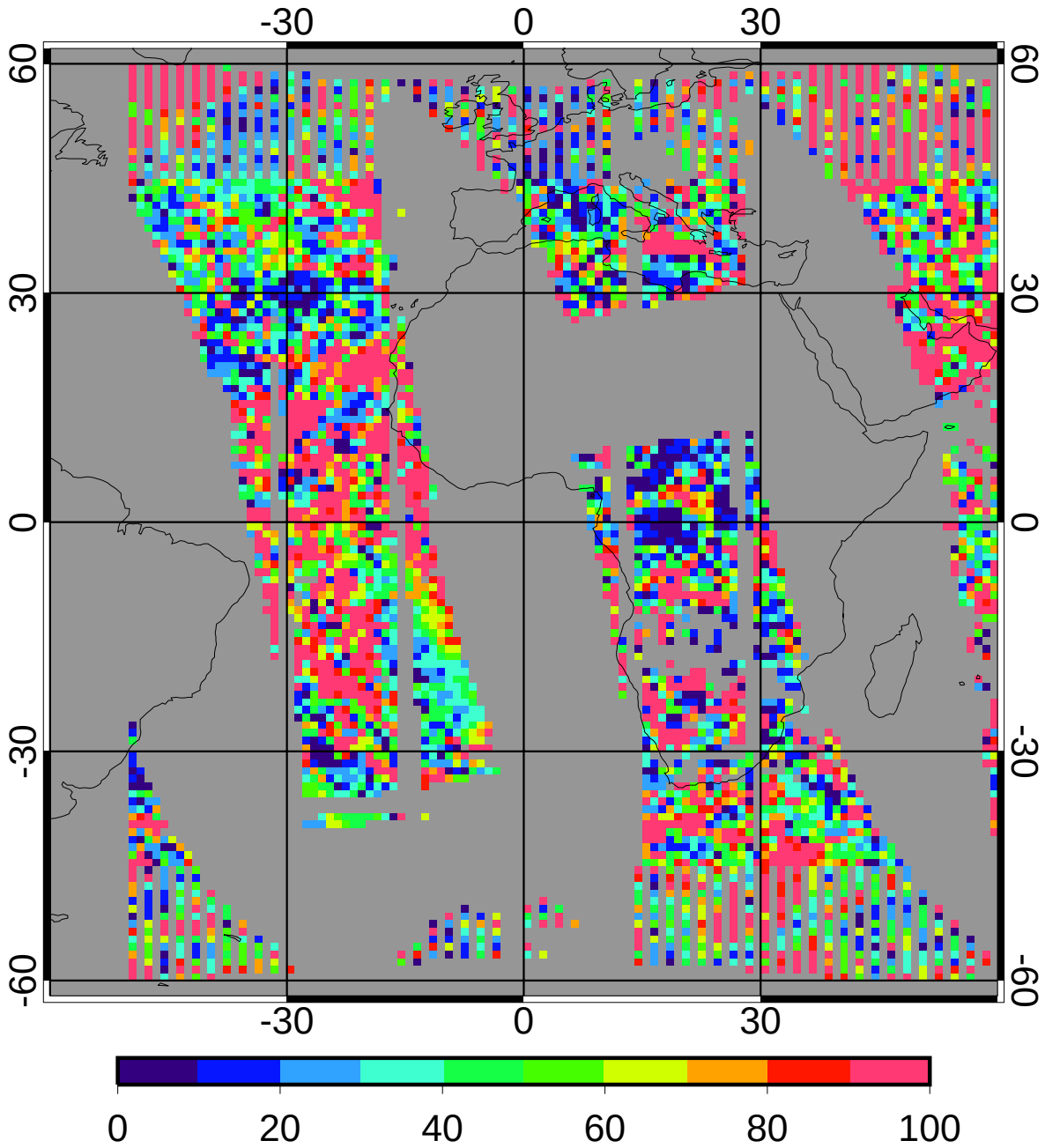
5ch_39cal Apr 2010



bias	29.72	5.53%
domain sigma	90.33	16.81%

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

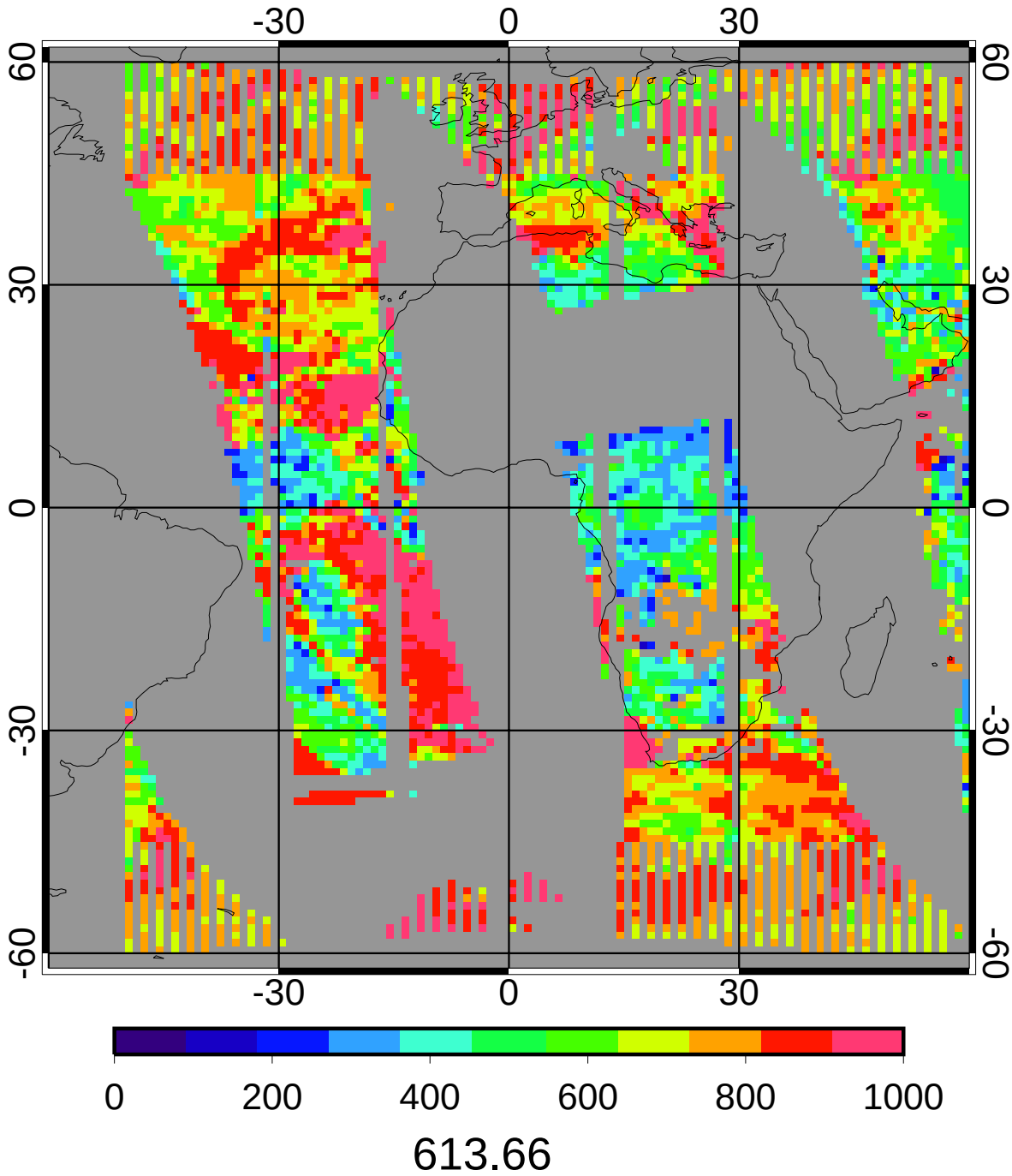
5ch_39cal Apr 2010



regave rms	68.86	12.81%
domain rms	94.80	17.64%

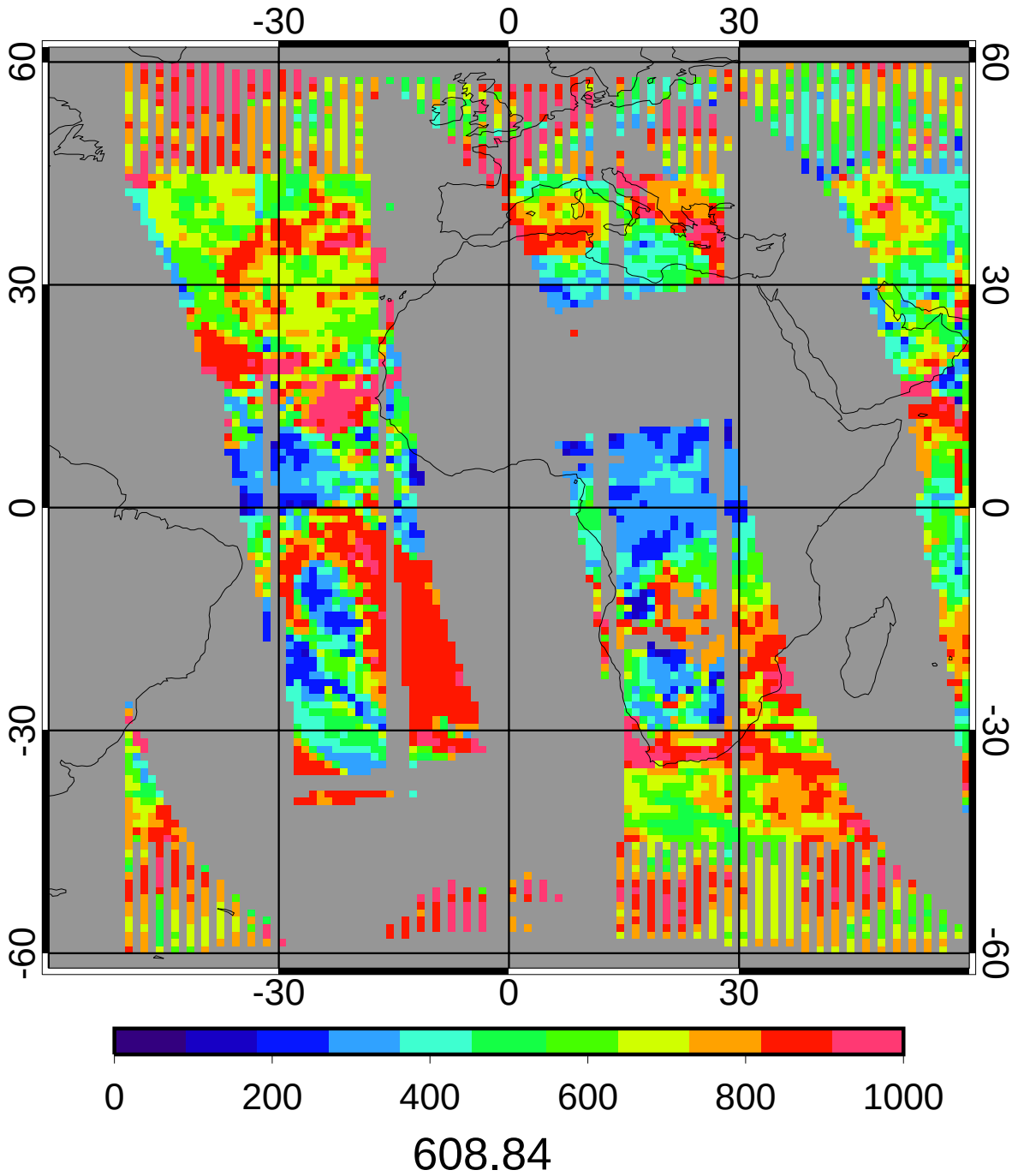
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



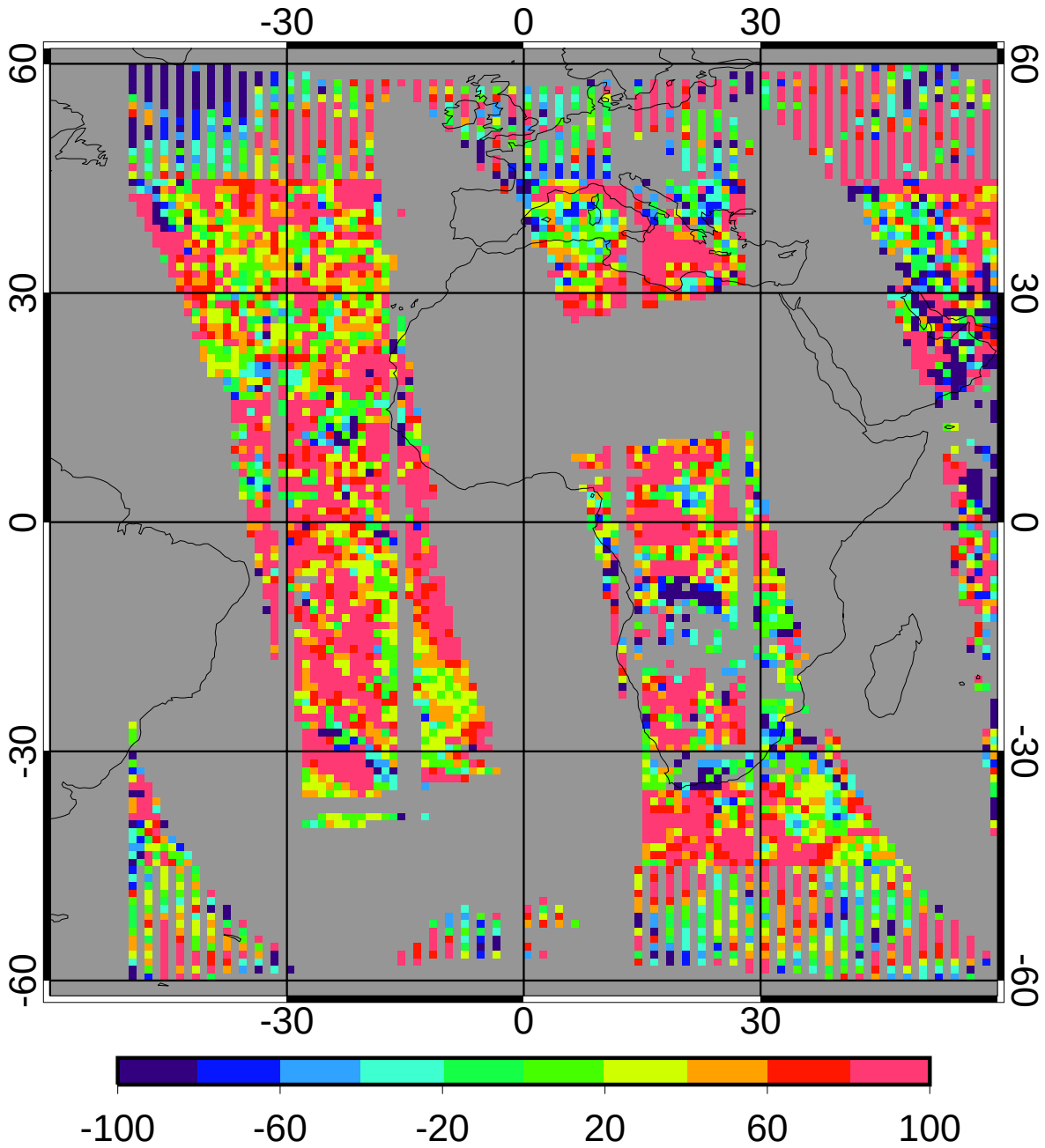
CERES/Terra MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Apr 2010



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

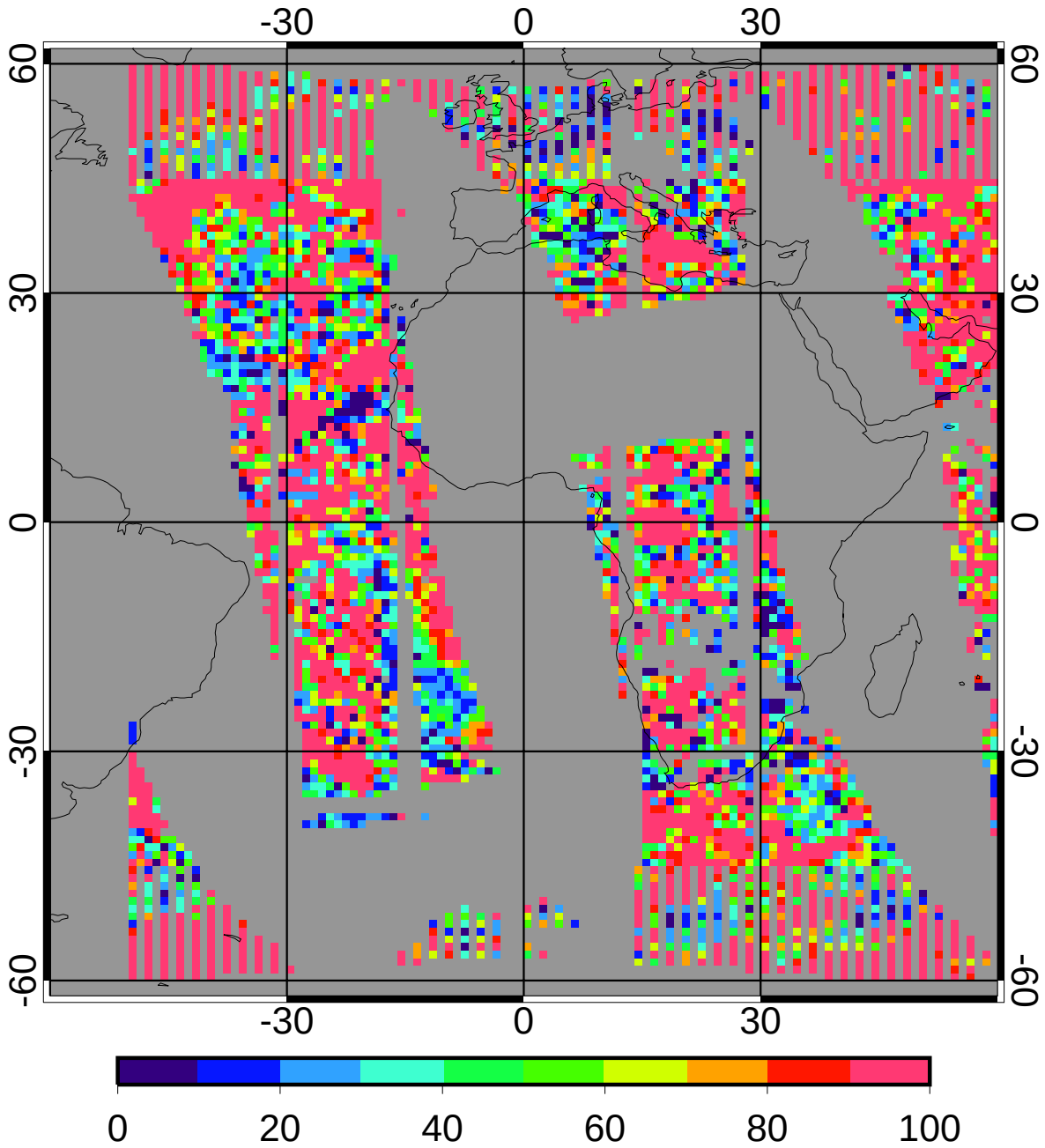
5ch_39cal Apr 2010



bias	47.08	7.73%
domain sigma	94.37	15.50%

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

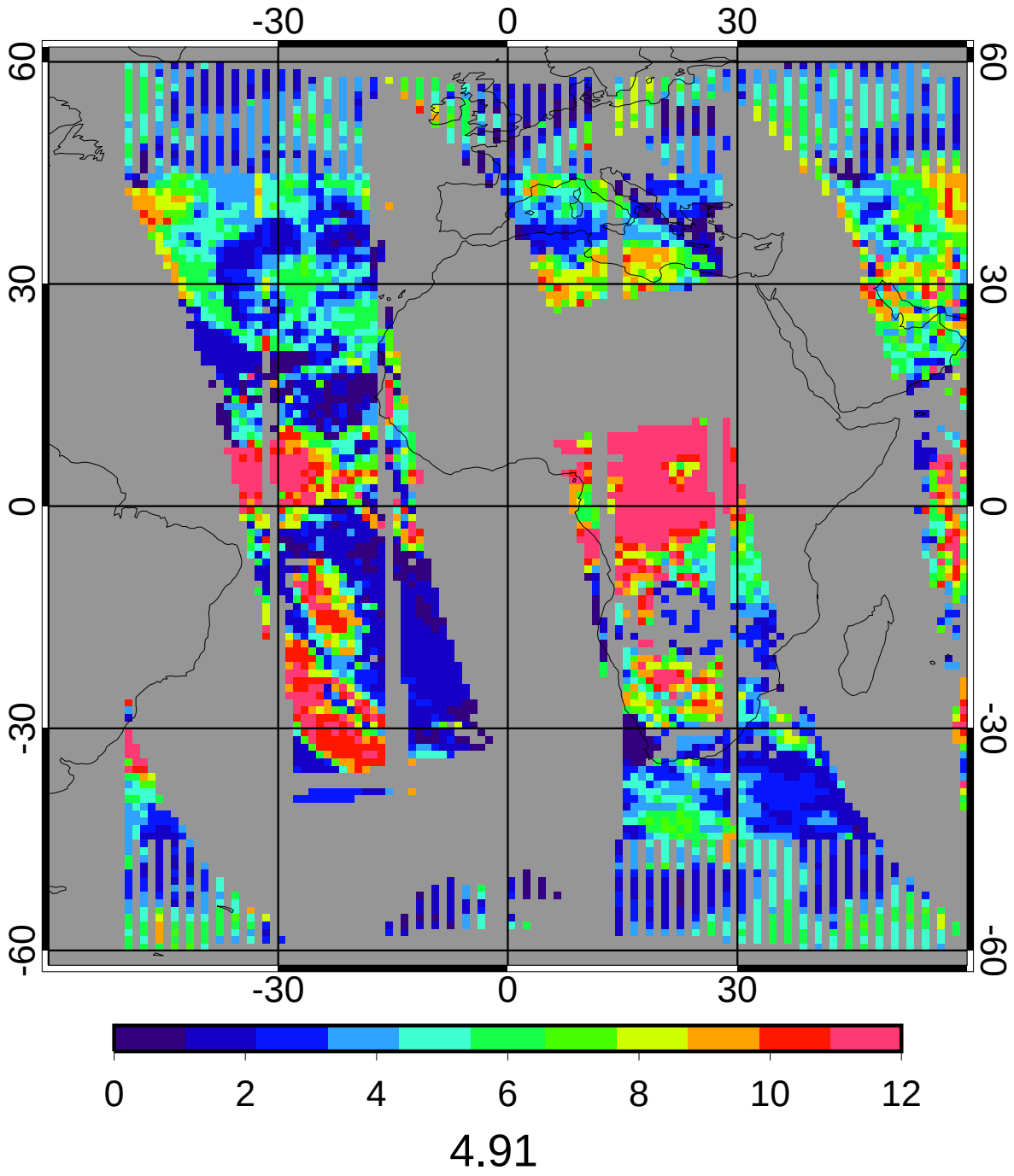
5ch_39cal Apr 2010



regave rms	88.49	14.53%
domain rms	113.65	18.67%

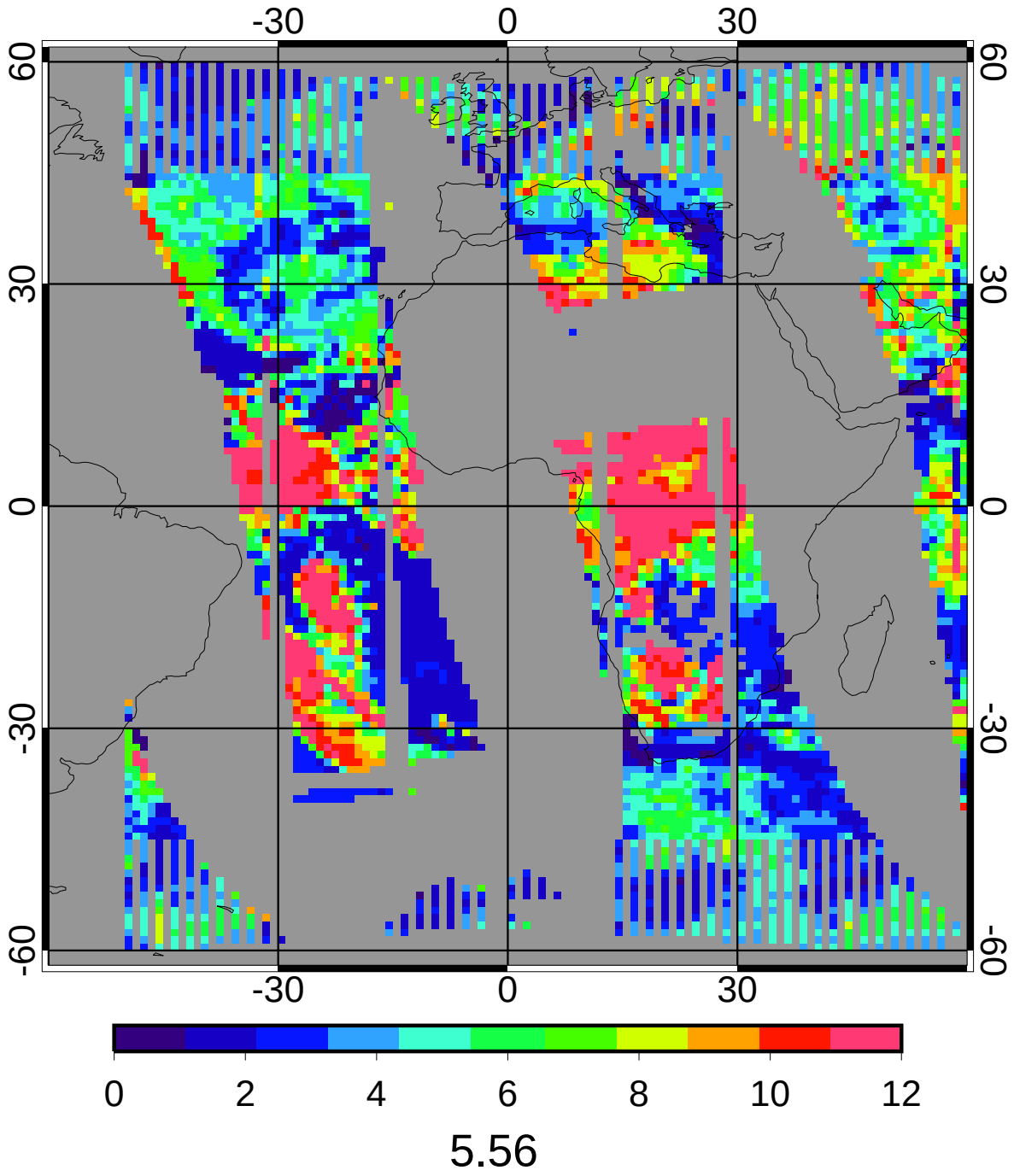
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Apr 2010



CERES/Terra MEAN Nighttime Cloud Eff Height (km)

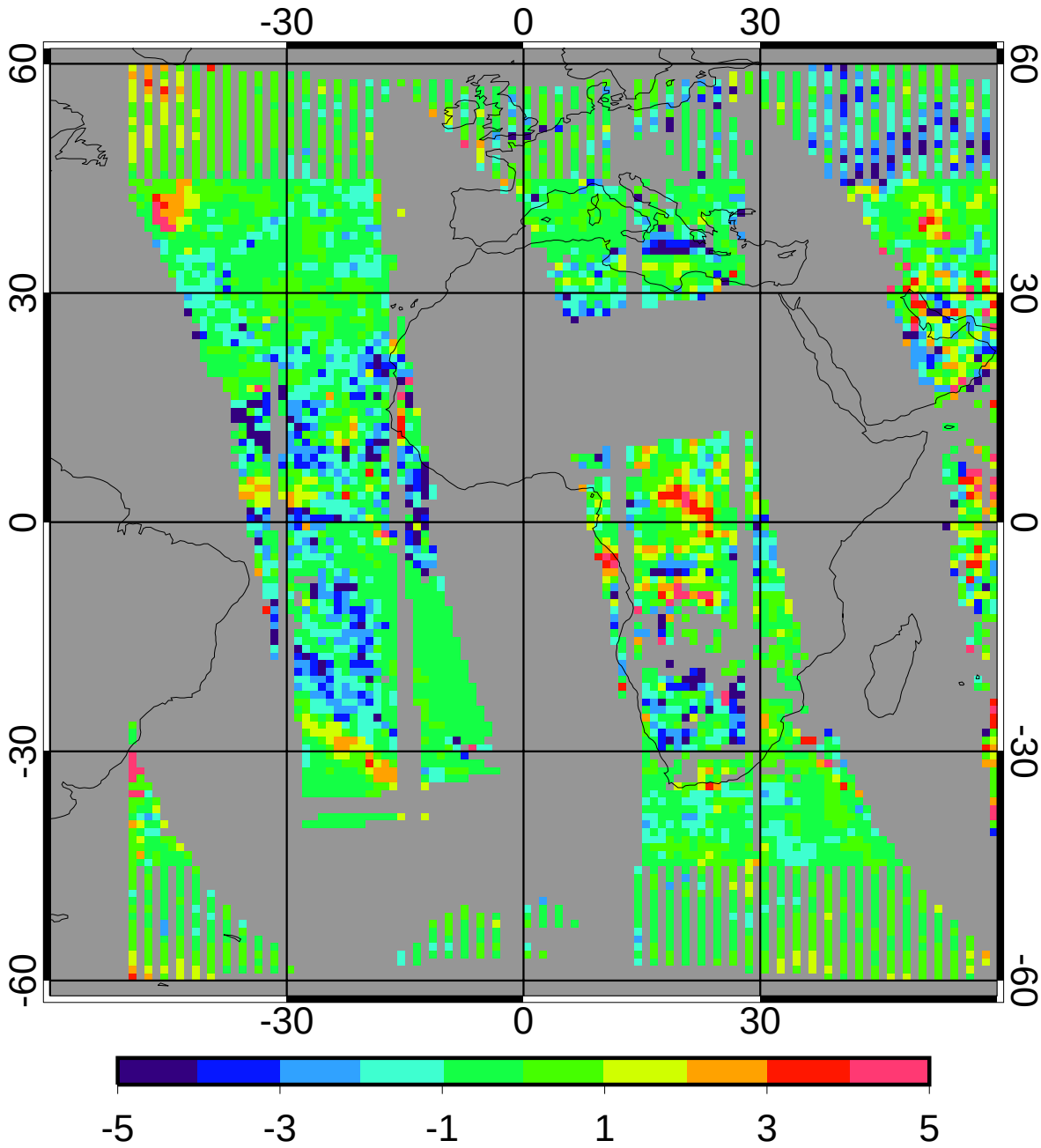
5ch_39cal Apr 2010



5.56

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

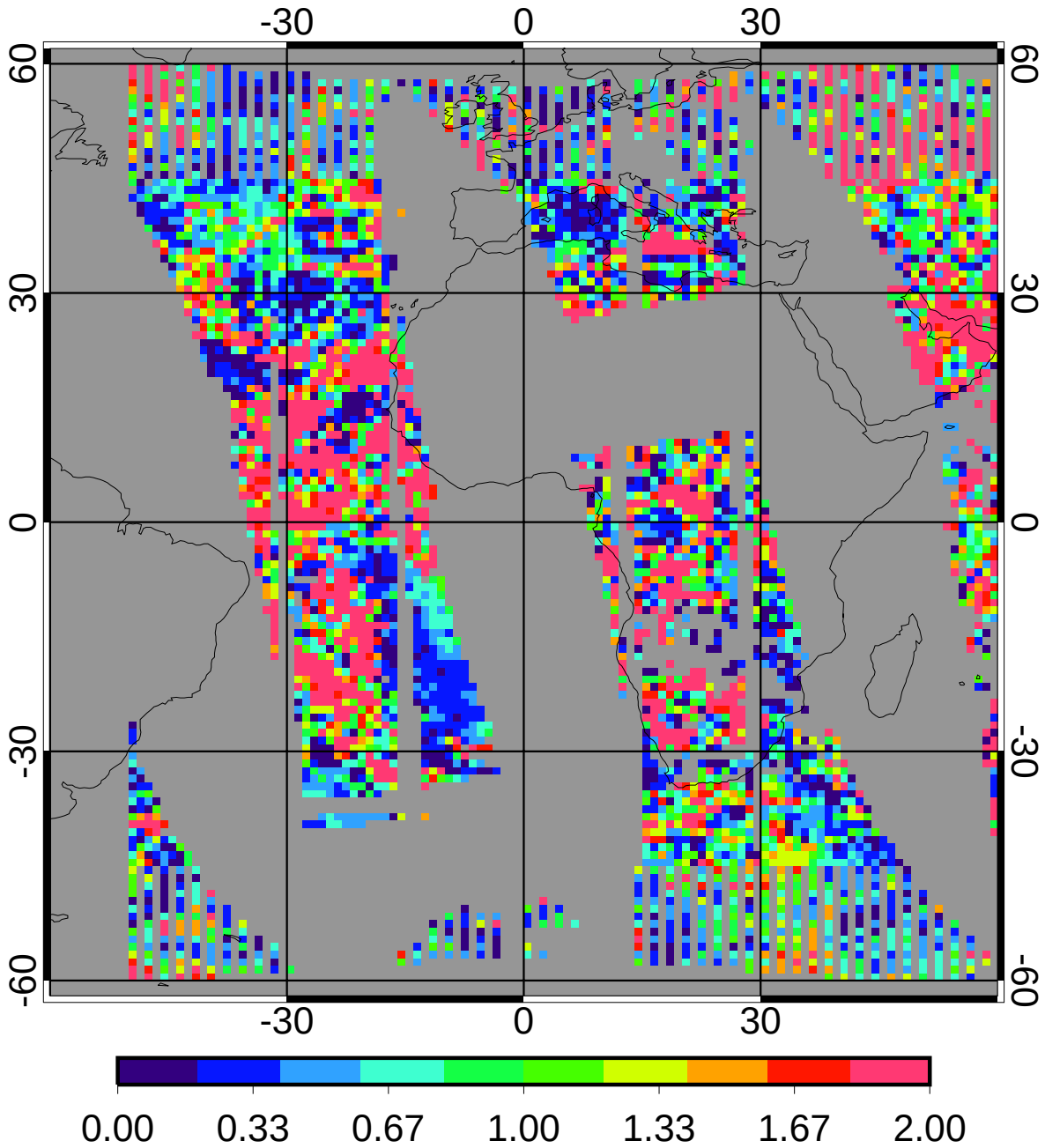
5ch_39cal Apr 2010



bias	-0.46	-8.33%
domain sigma	1.54	27.74%

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

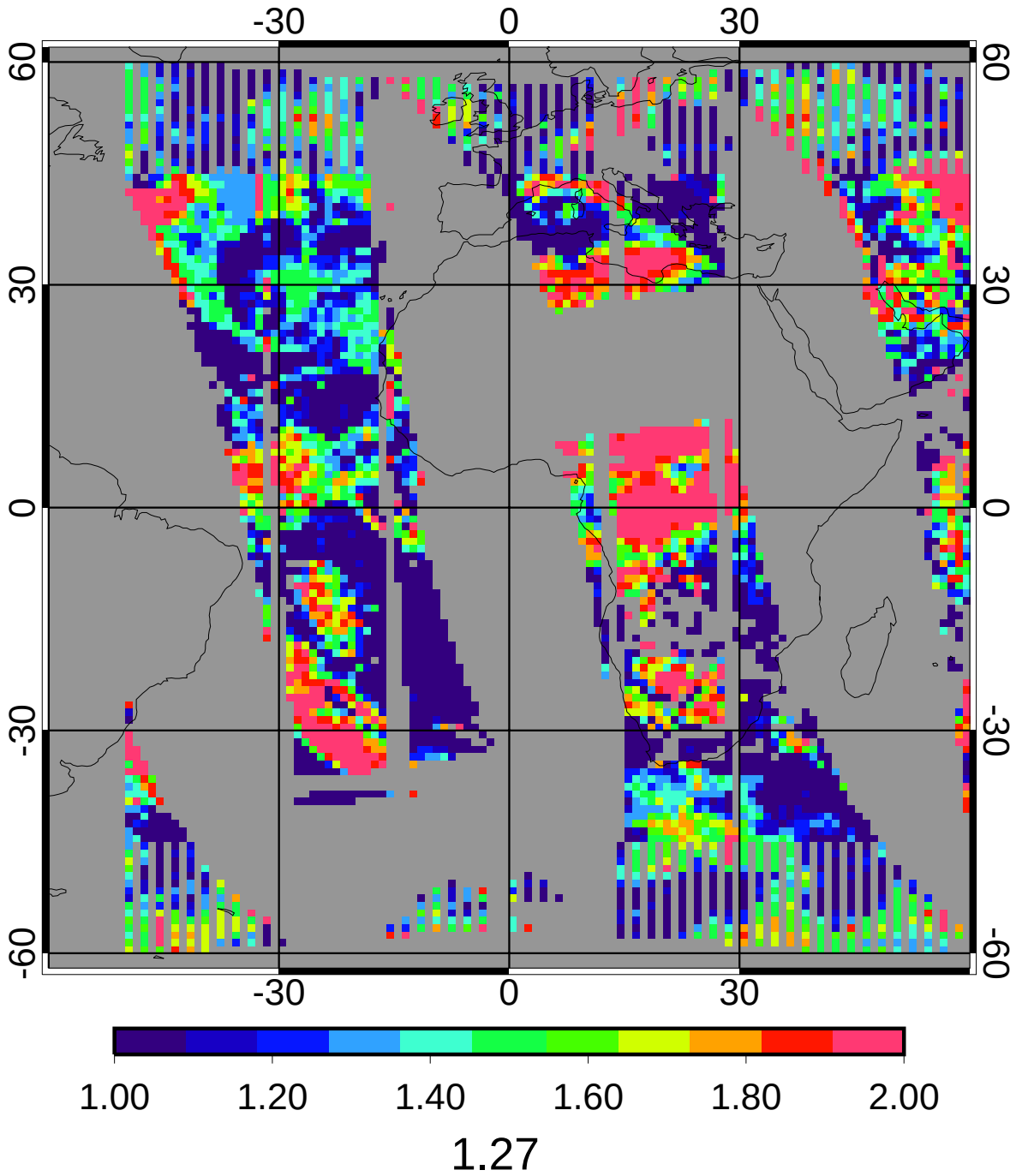
5ch_39cal Apr 2010



regave rms	1.18	21.14%
domain rms	1.62	29.12%

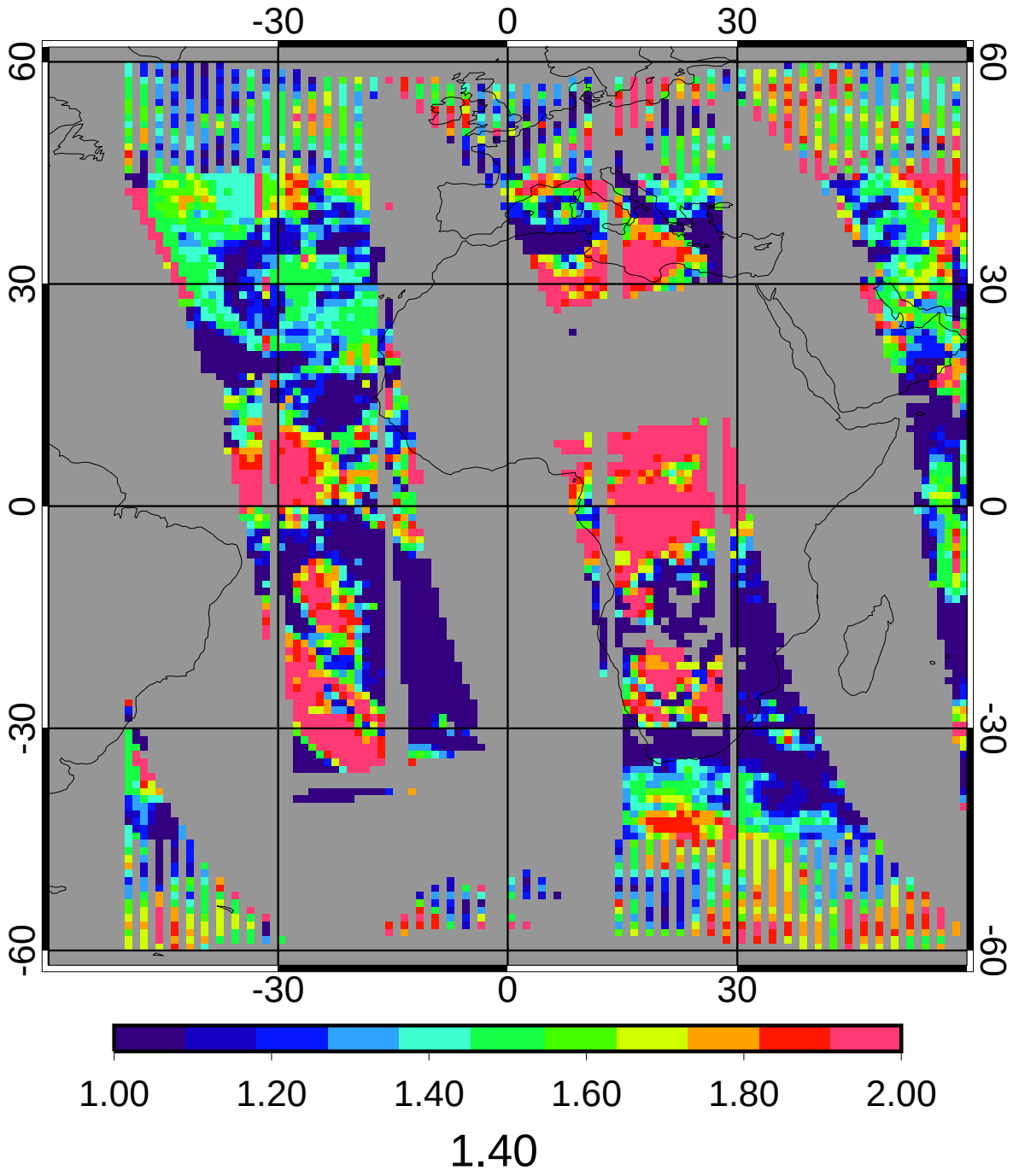
GGEO MEAN Nighttime Cloud Phase

5ch_39cal Apr 2010



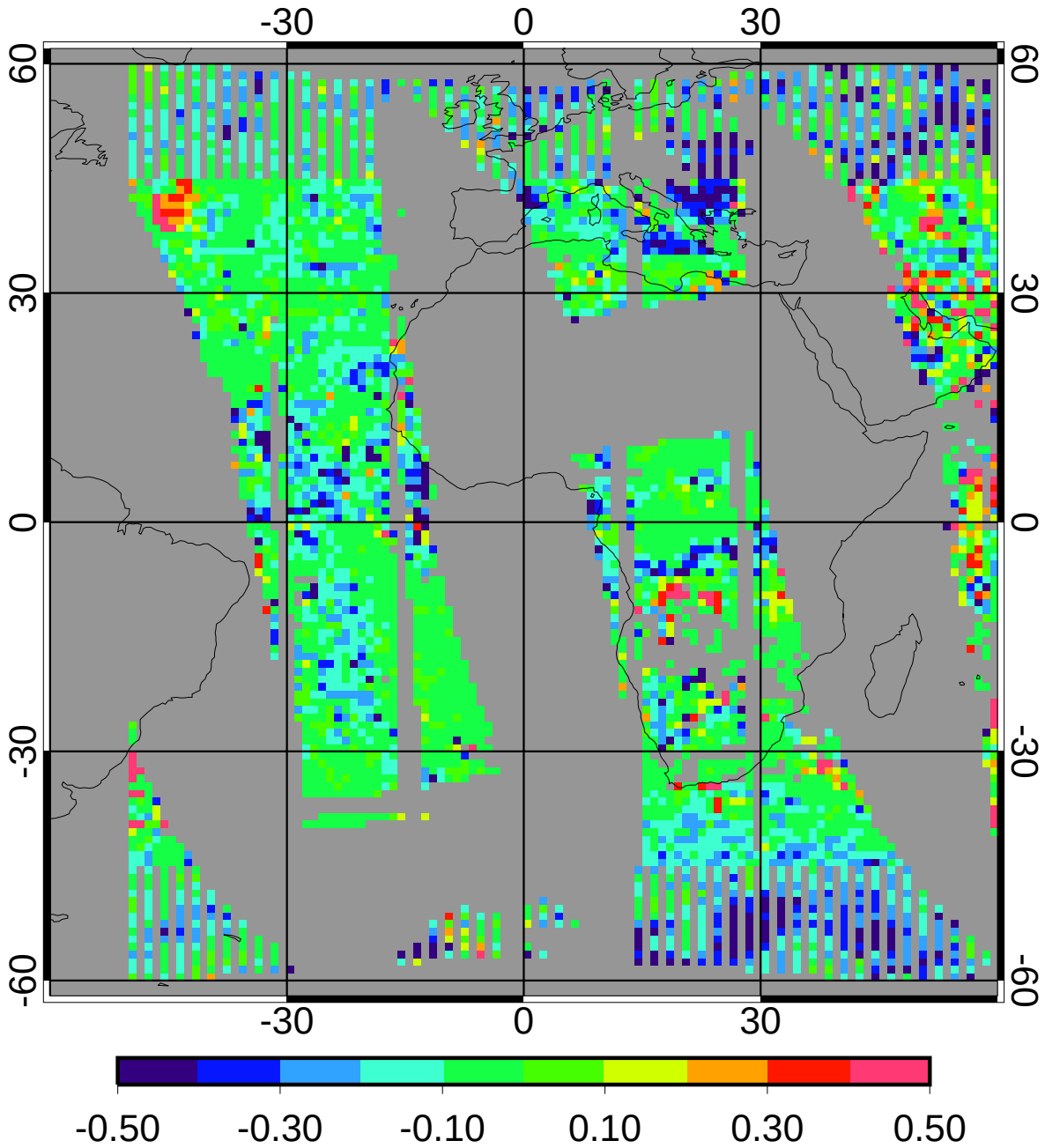
CERES/Terra MEAN Nighttime Cloud Phase

5ch_39cal Apr 2010



GGEO - CERES/Terra Nighttime Cloud Phase Bias

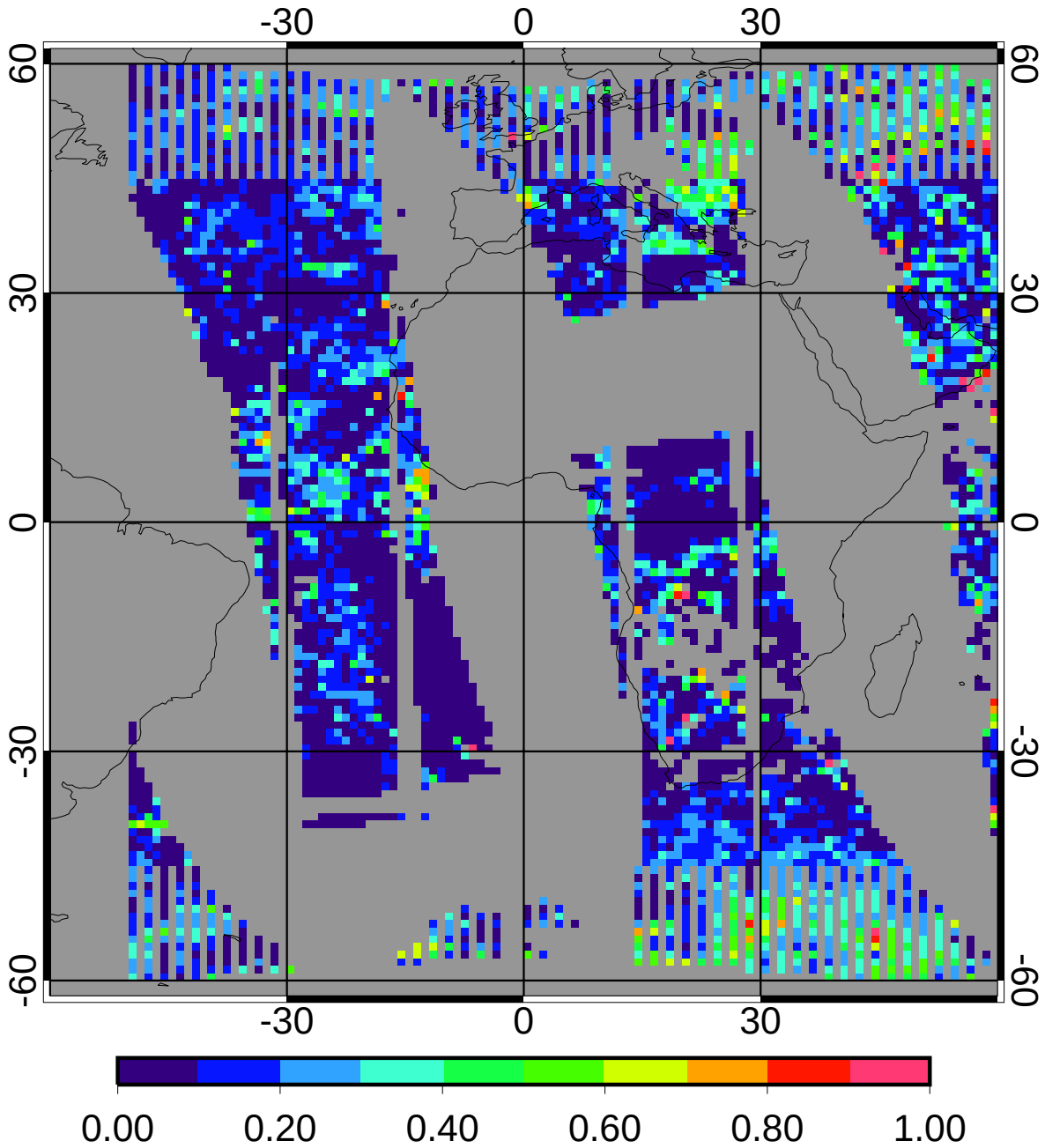
5ch_39cal Apr 2010



bias	-0.07	-5.19%
domain sigma	0.16	11.12%

GGEO - CERES/Terra Nighttime Cloud Phase RMS

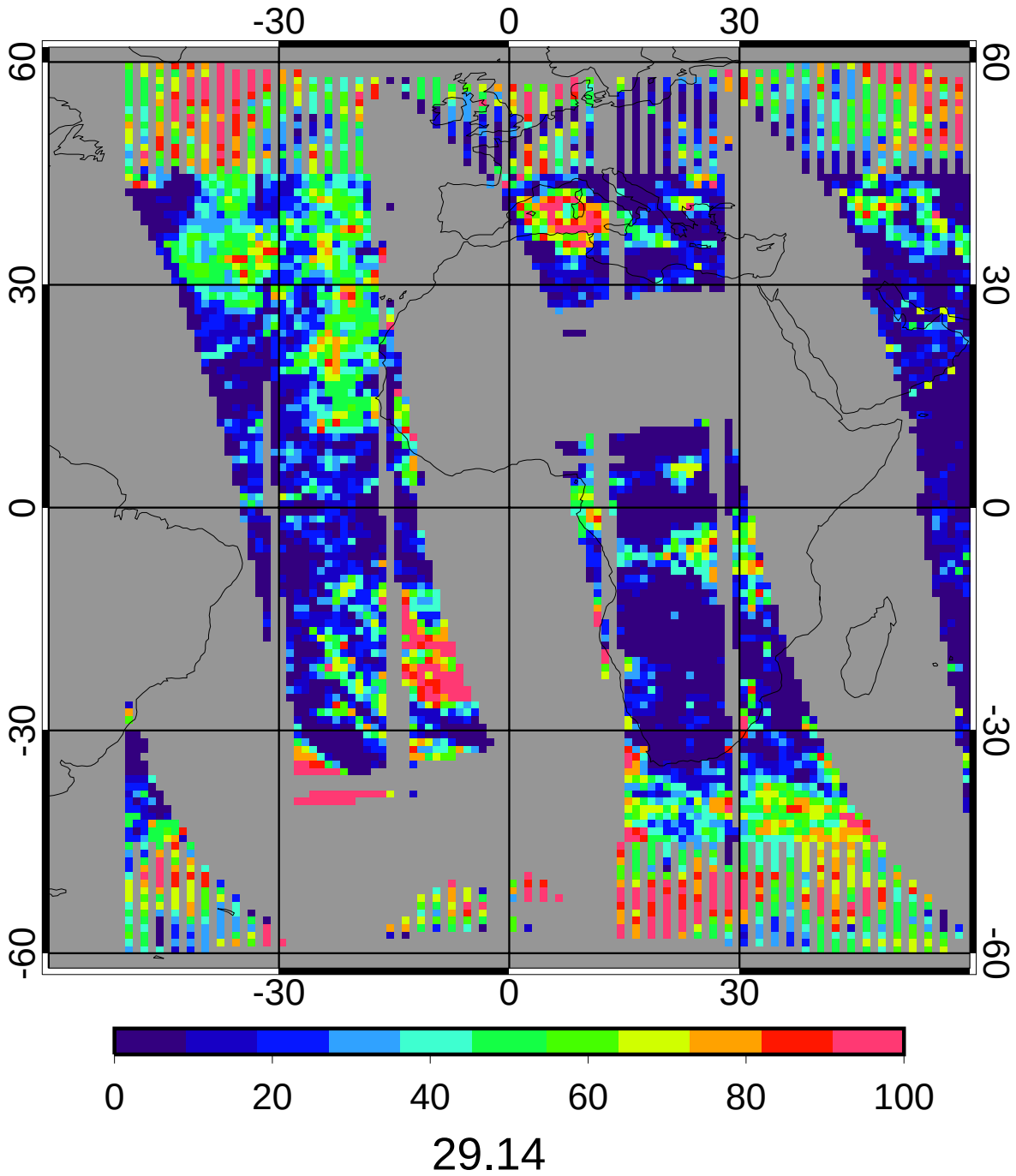
5ch_39cal Apr 2010



regave rms	0.13	9.41%
domain rms	0.19	13.86%

GGEO MEAN Nighttime Liquid Cld Amt (%)

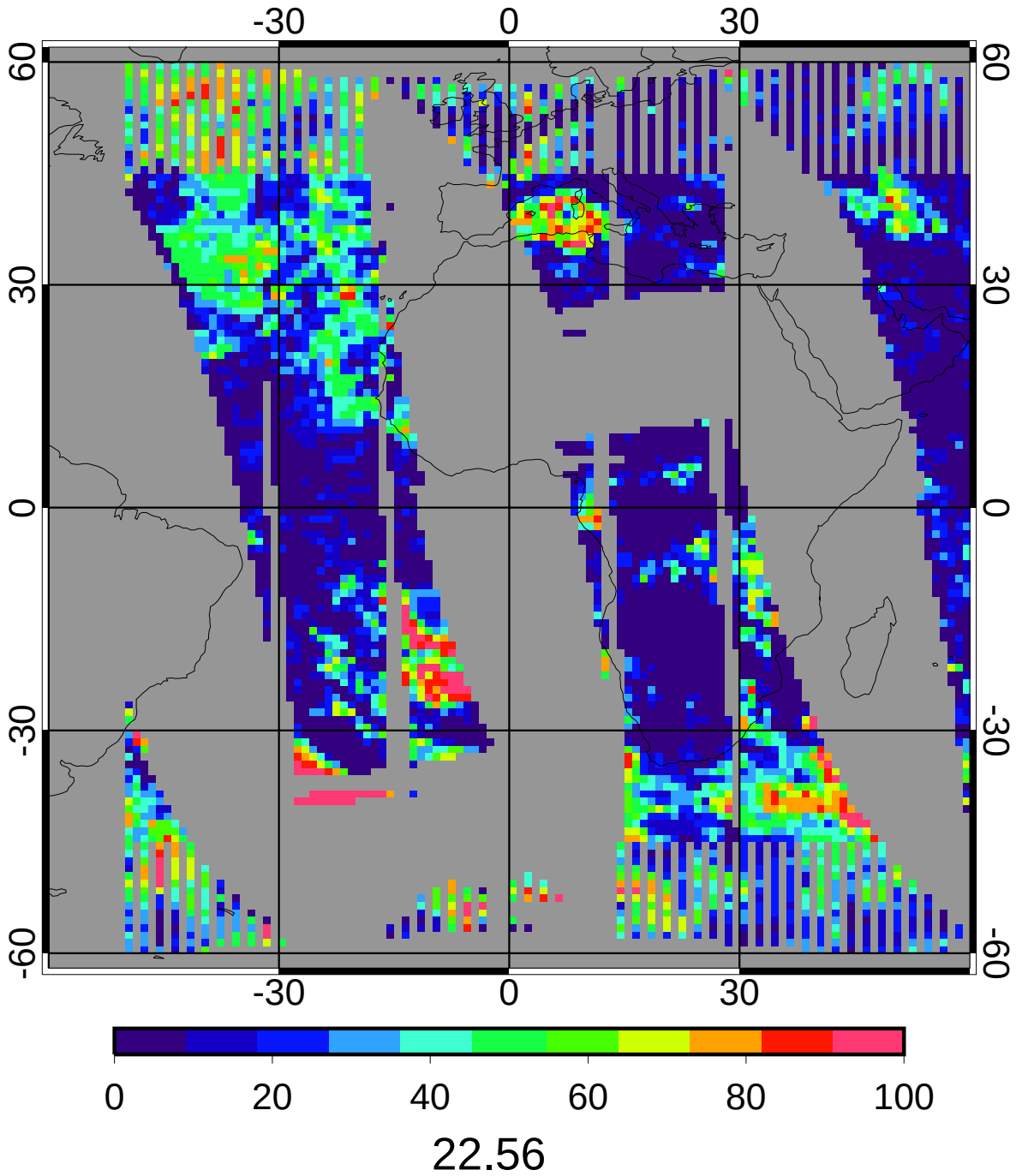
5ch_39cal Apr 2010



29.14

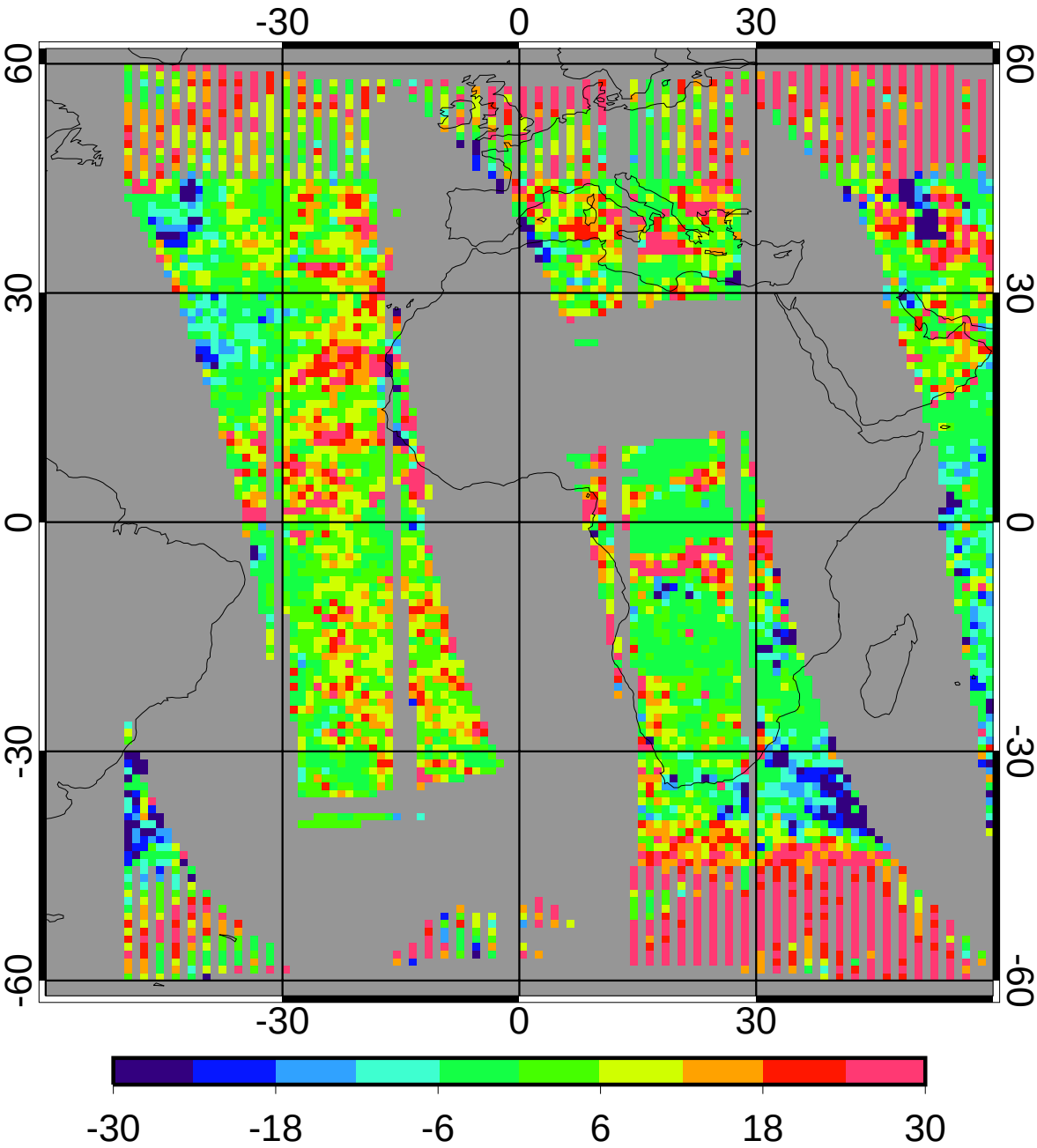
CERES/Terra MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Apr 2010



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

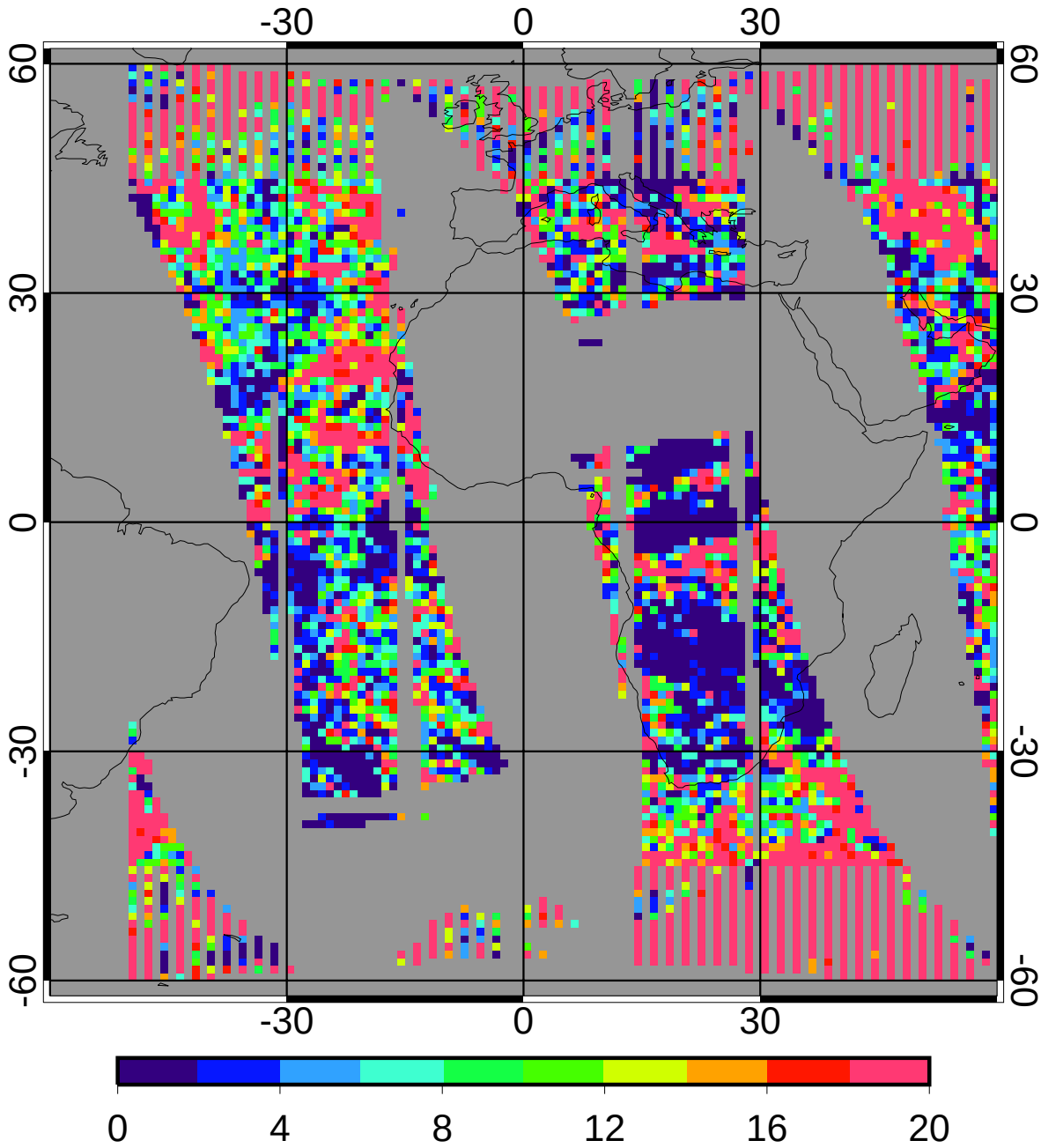
5ch_39cal Apr 2010



bias	6.58	29.18%
domain sigma	13.35	59.19%

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

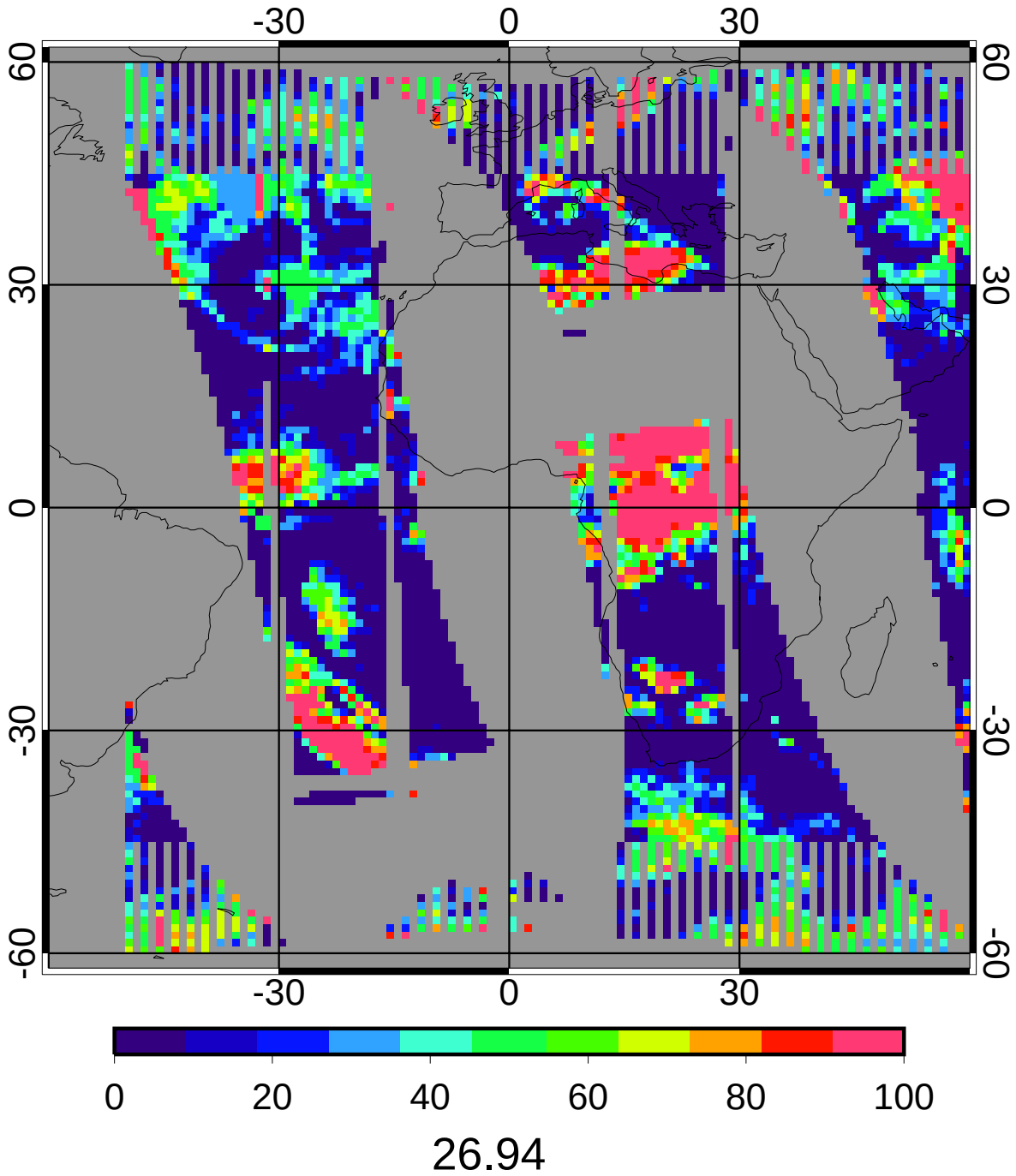
5ch_39cal Apr 2010



regave rms	13.49	59.79%
domain rms	19.24	85.28%

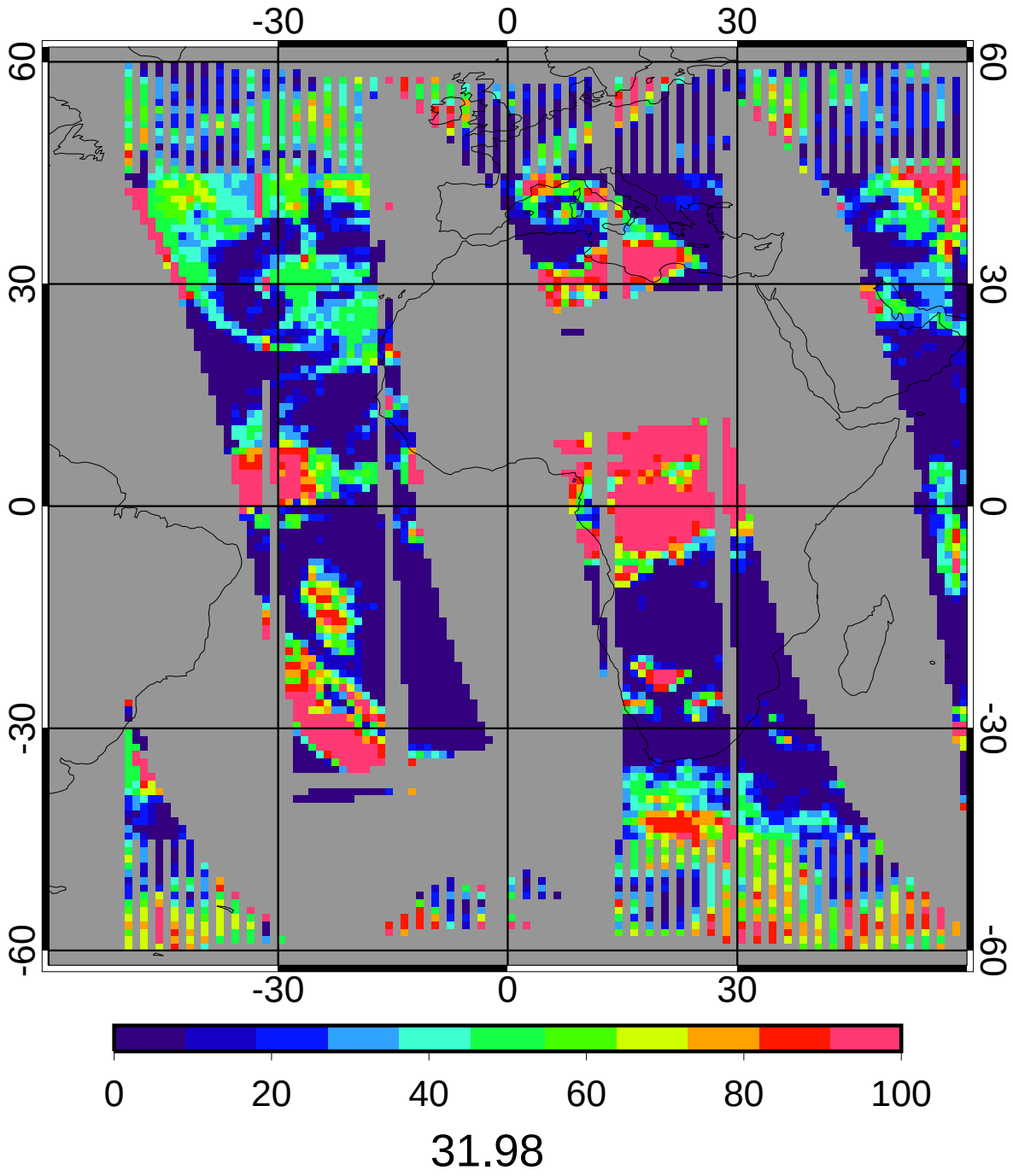
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Apr 2010



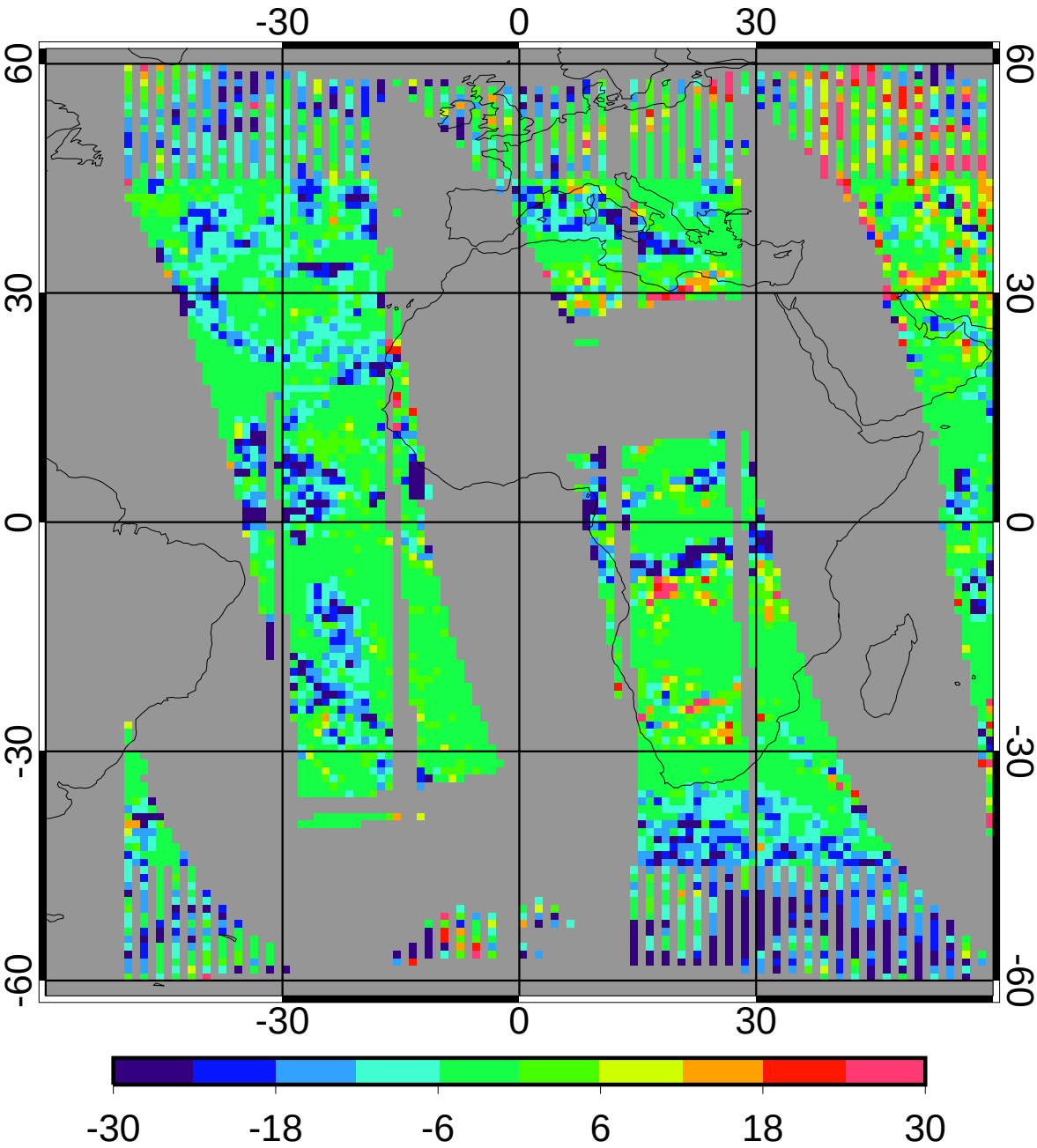
CERES/Terra MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Apr 2010



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

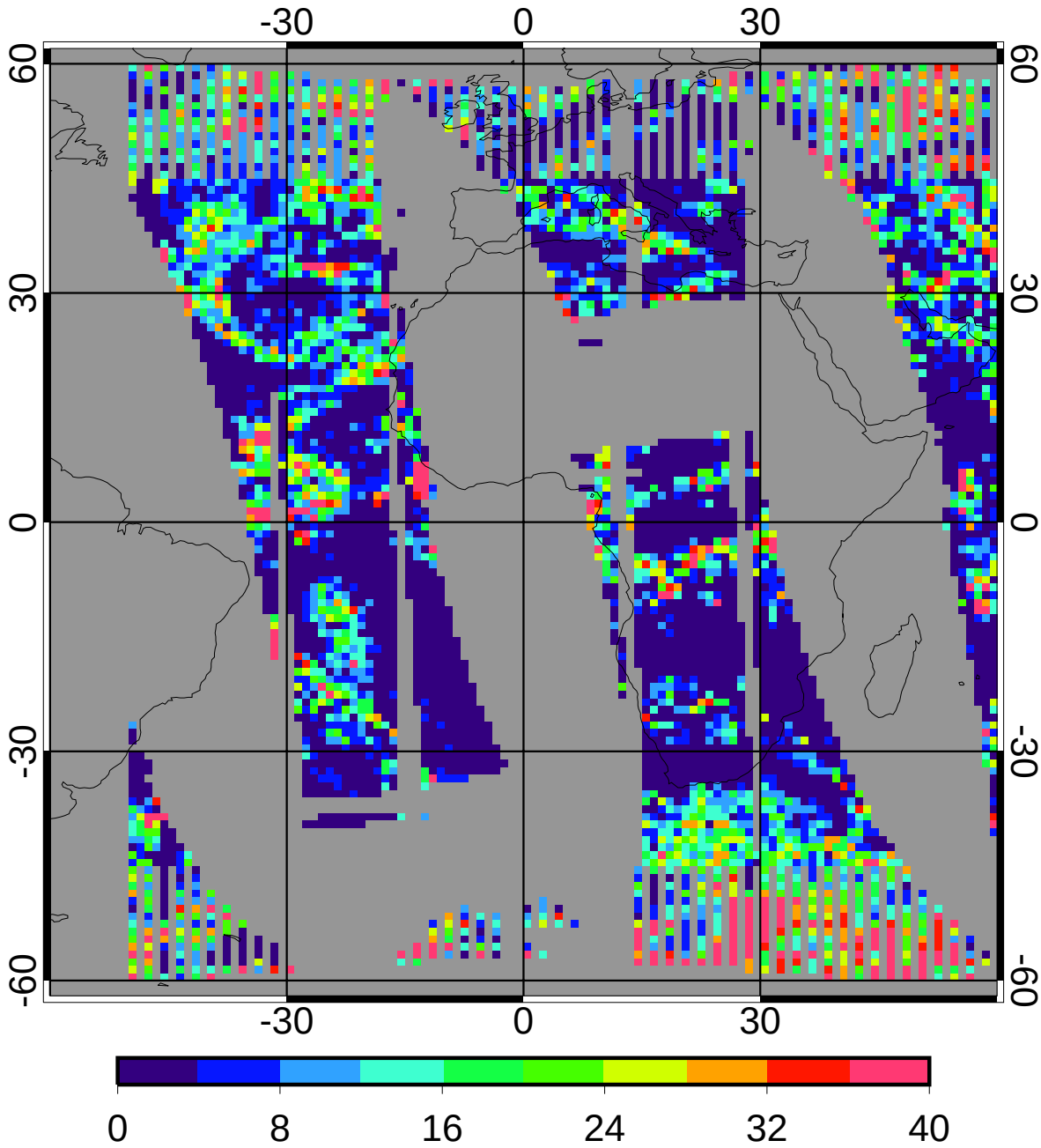
5ch_39cal Apr 2010



bias	-5.04	-15.77%
domain sigma	9.79	30.62%

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

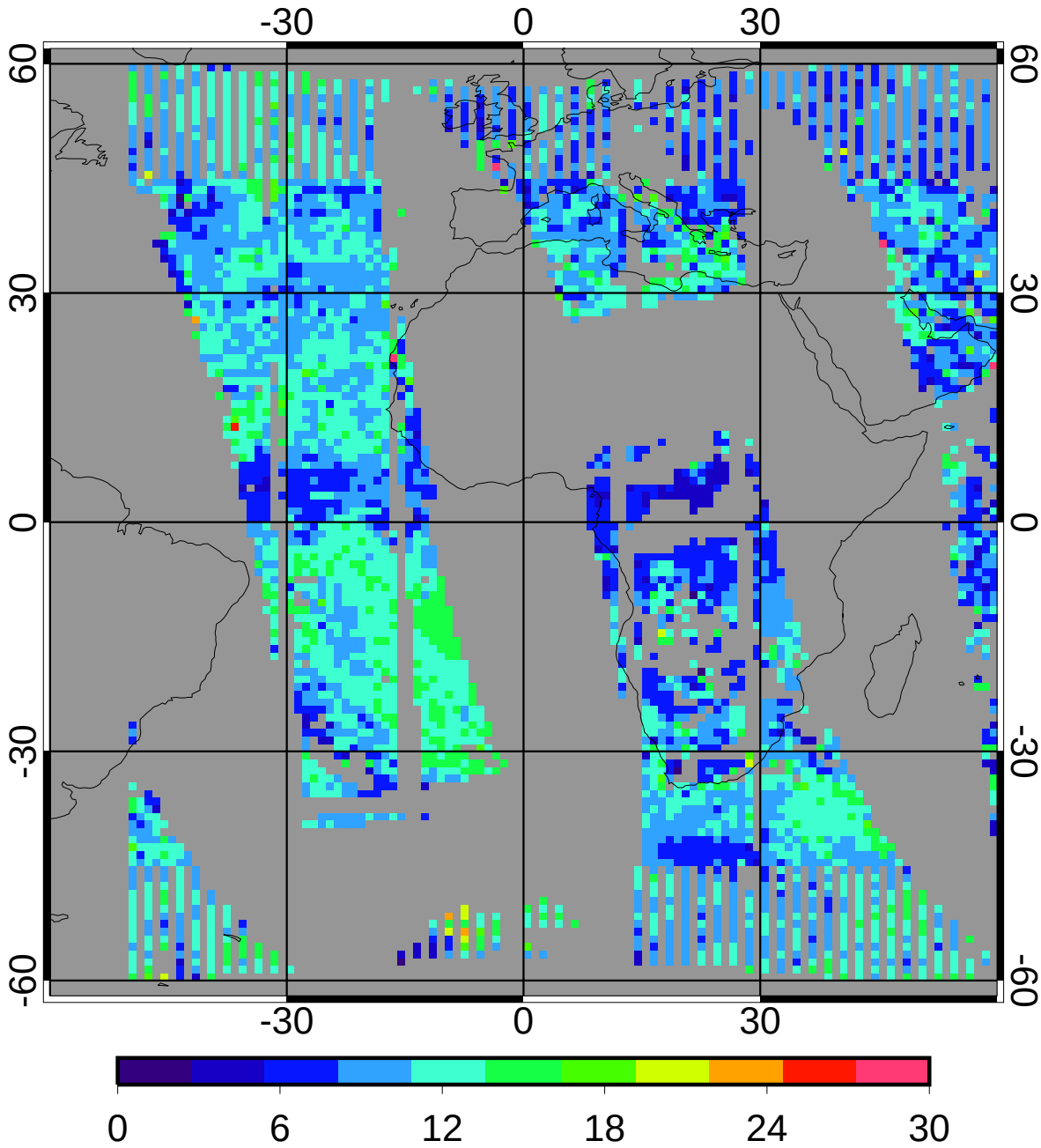
5ch_39cal Apr 2010



regave rms	9.23	28.86%
domain rms	14.39	44.99%

GGEO MEAN Nighttime Liquid Particle Size (microns)

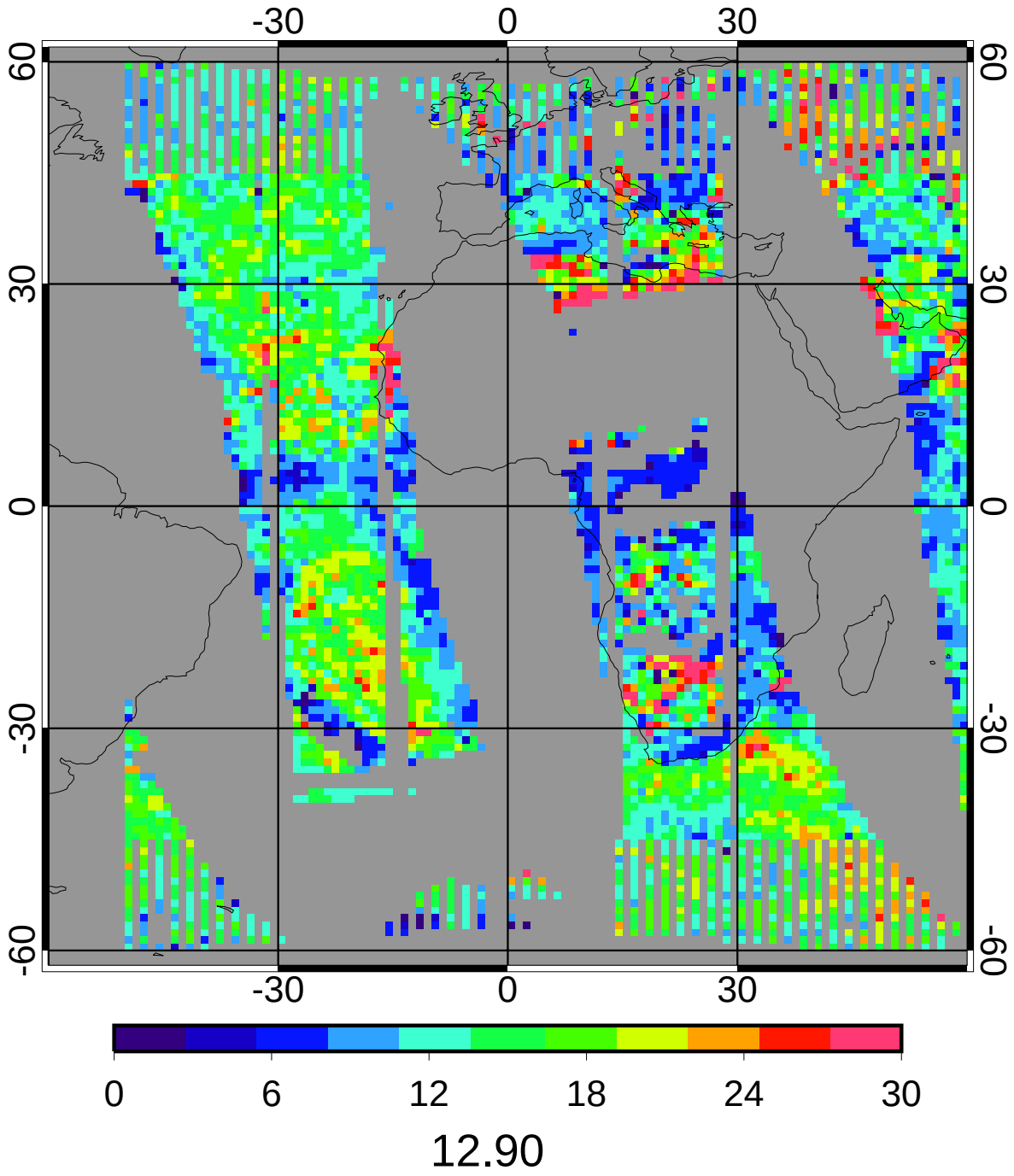
5ch_39cal Apr 2010



8.71

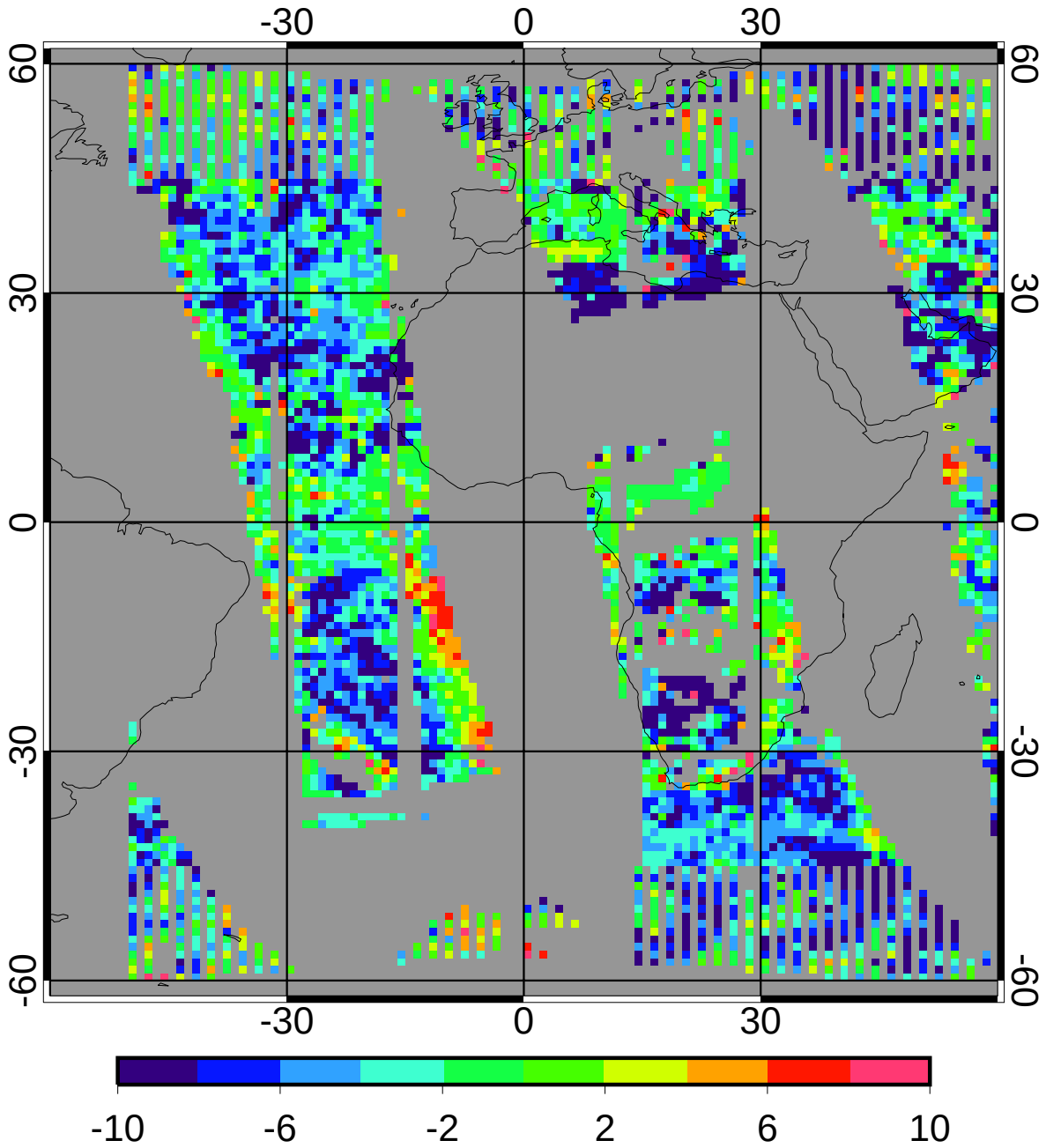
CERES/Terra MEAN Nighttime Liquid Particle Size (microns)

5ch_39cal Apr 2010



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

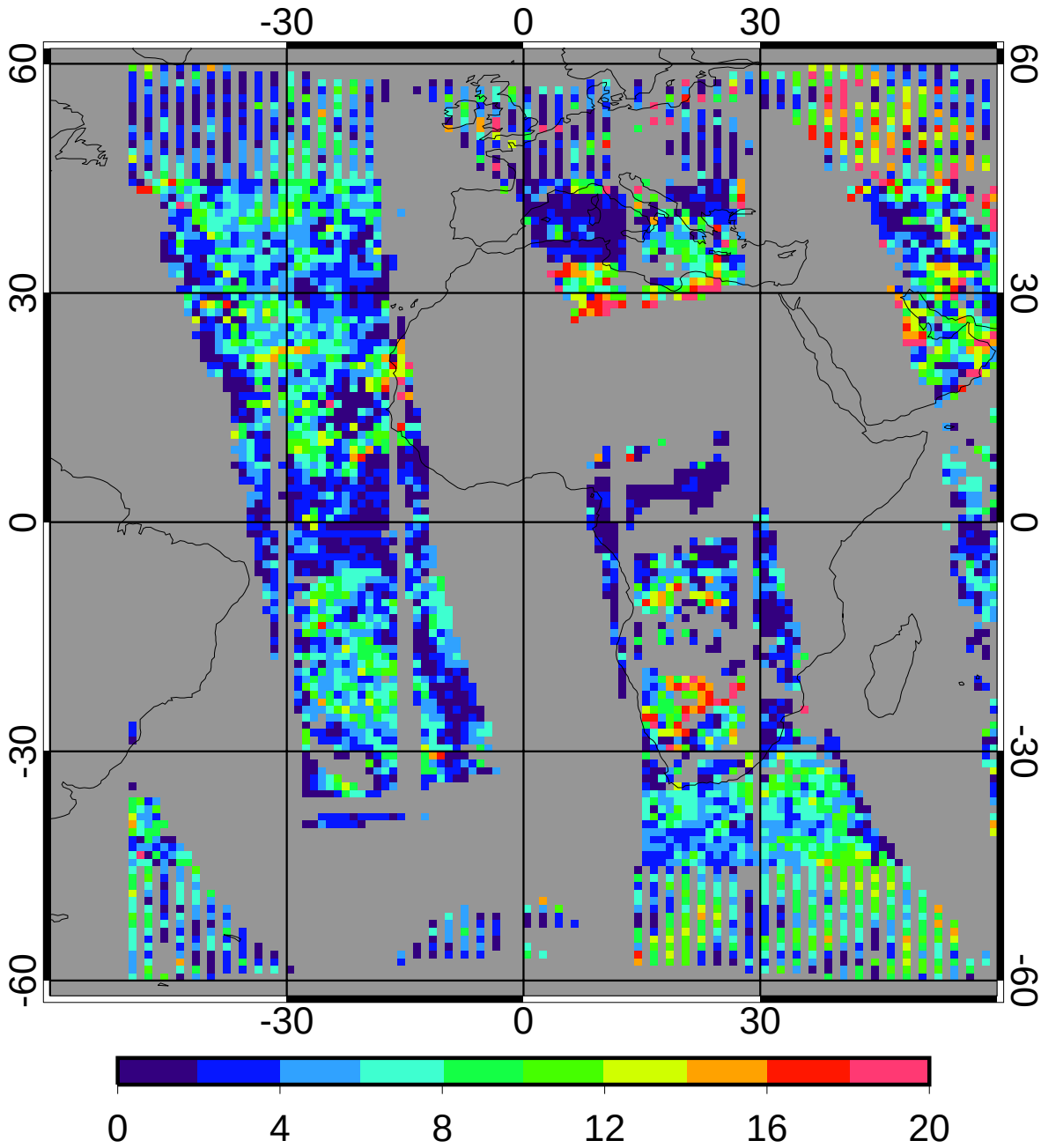
5ch_39cal Apr 2010



bias	-3.27	-25.35%
domain sigma	4.30	33.37%

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

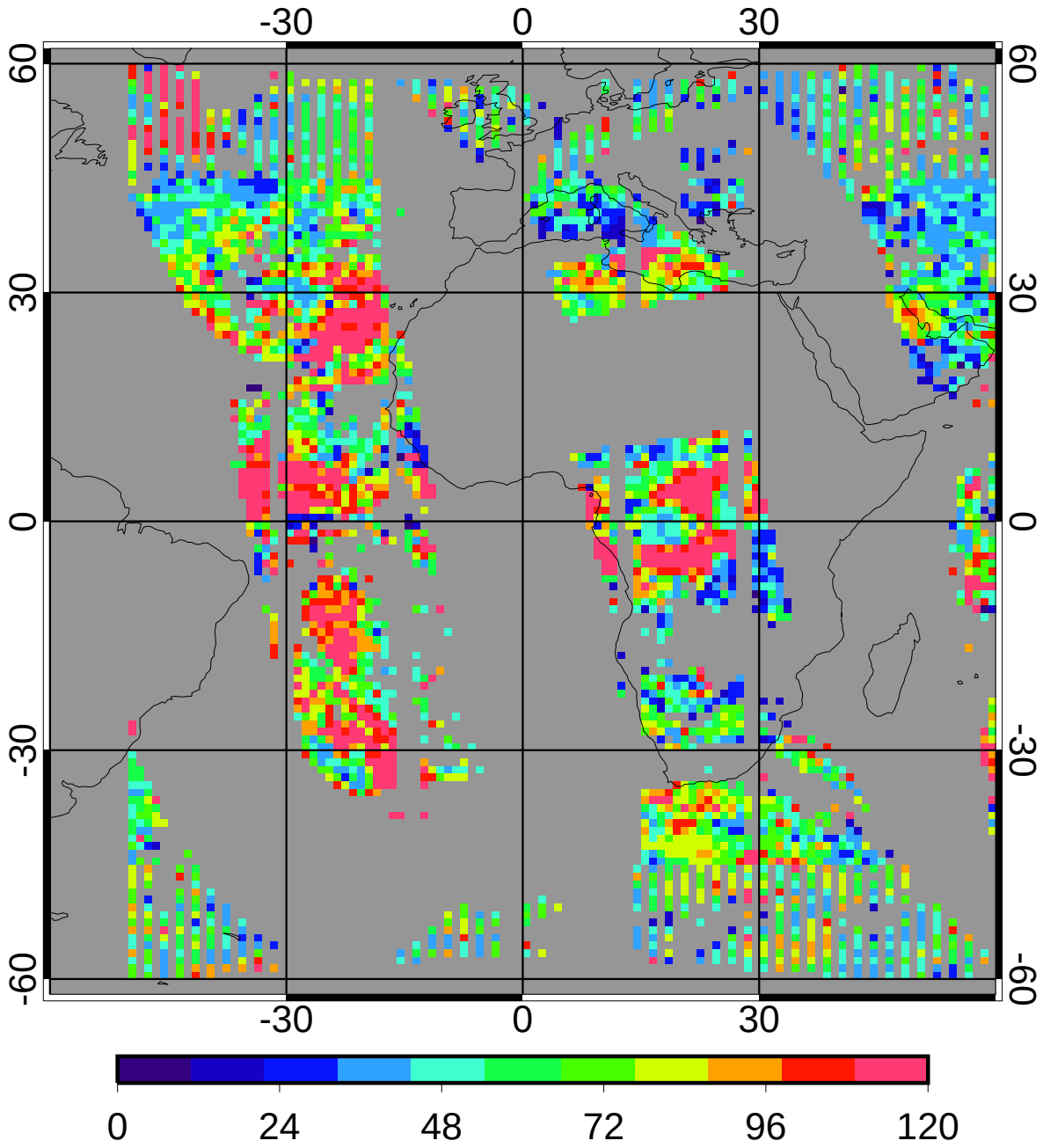
5ch_39cal Apr 2010



regave rms	4.58	35.52%
domain rms	6.28	48.68%

GGEO MEAN Nighttime Ice Particle Size (microns)

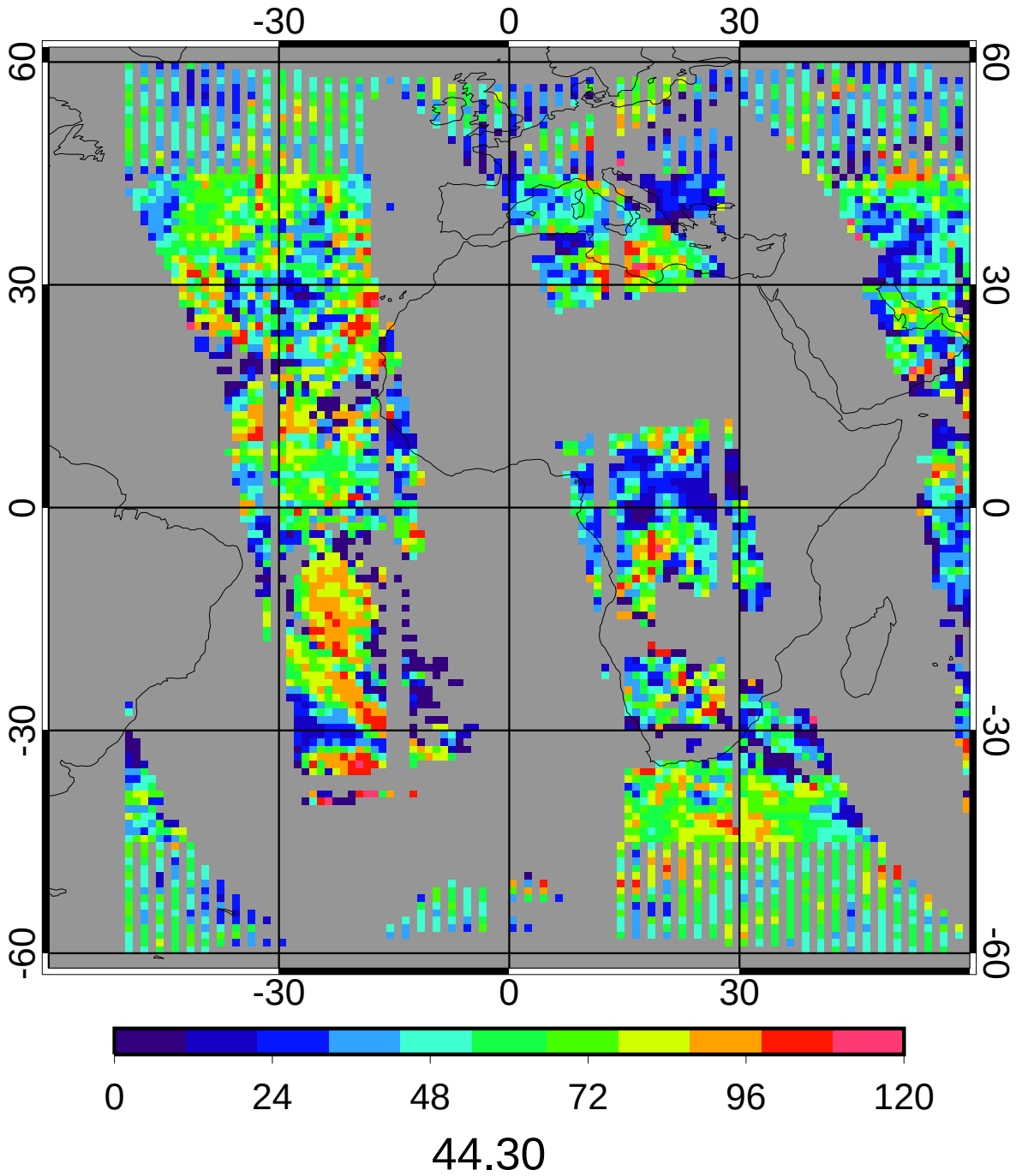
5ch_39cal Apr 2010



48.51

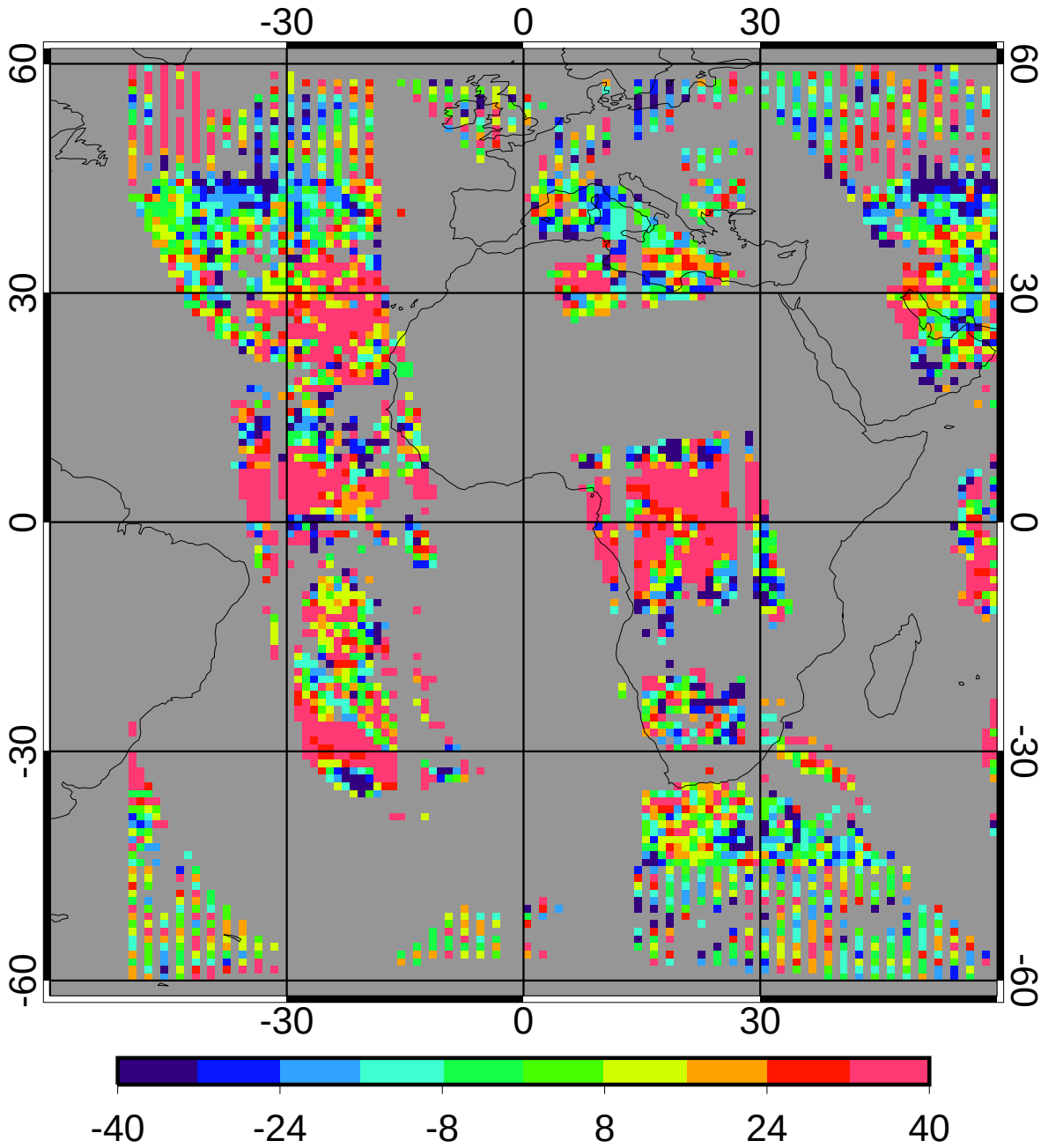
CERES/Terra MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Apr 2010



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

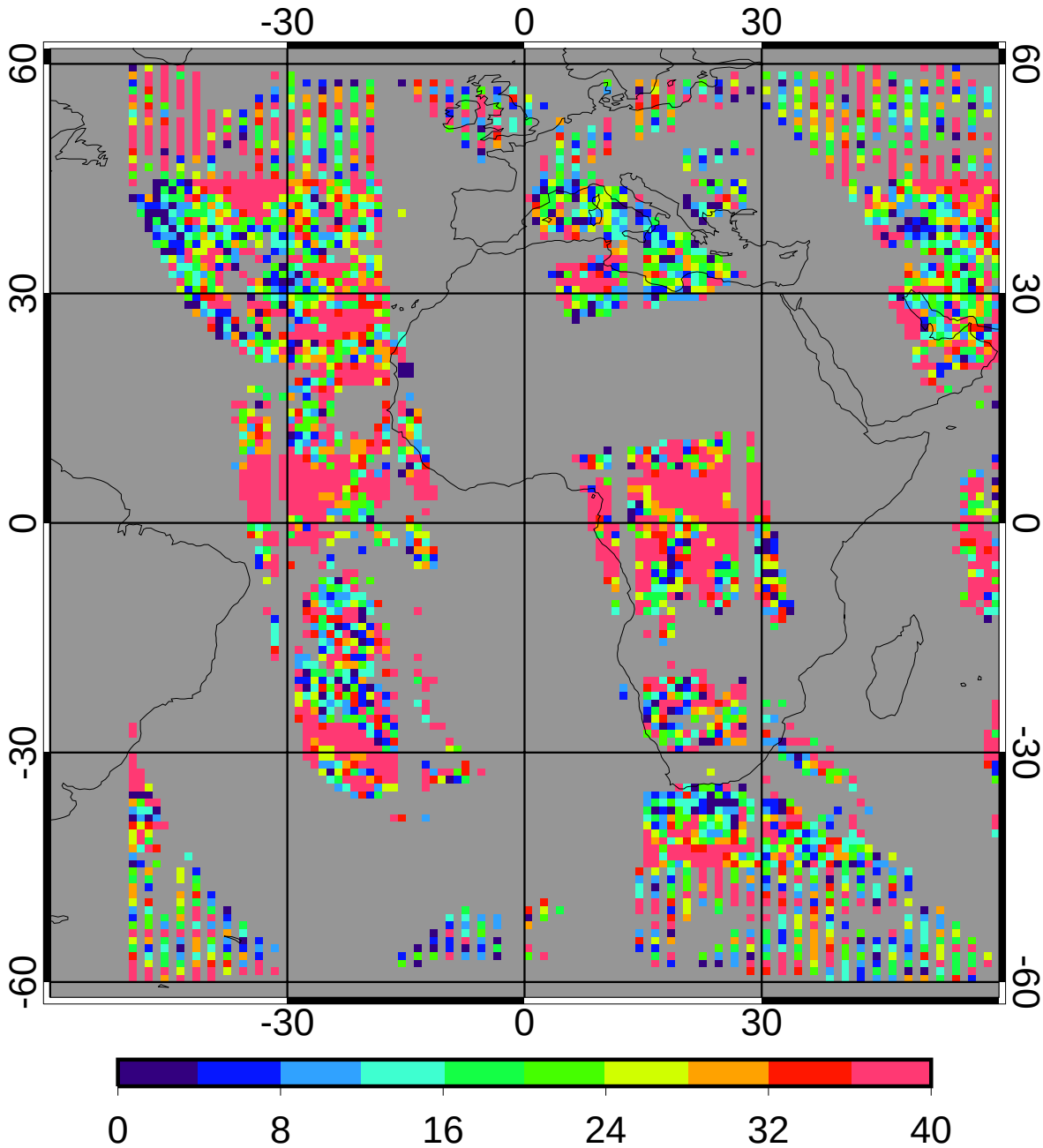
5ch_39cal Apr 2010



bias	9.32	21.05%
domain sigma	30.45	68.75%

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

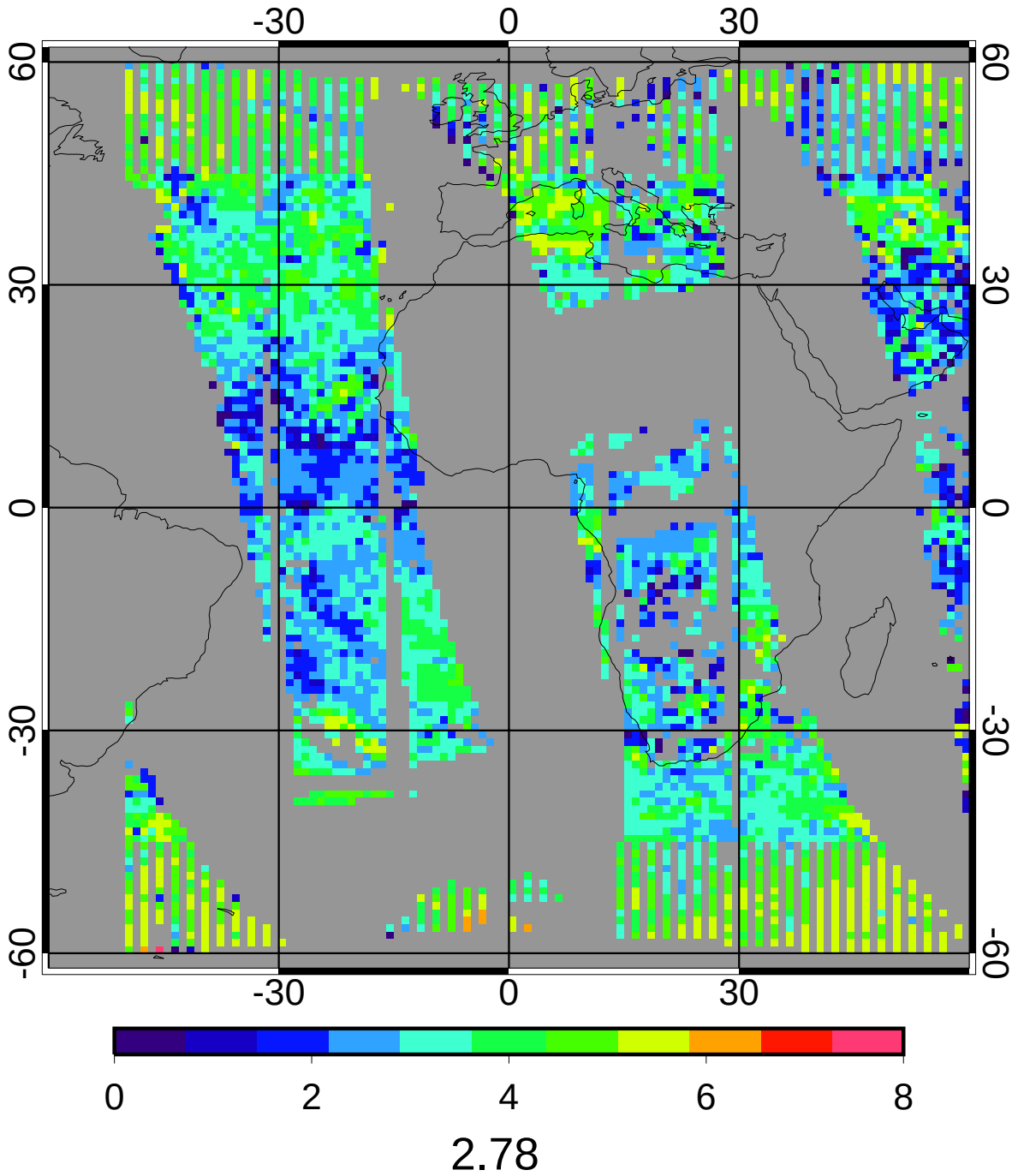
5ch_39cal Apr 2010



regave rms	21.37	48.24%
domain rms	34.46	77.80%

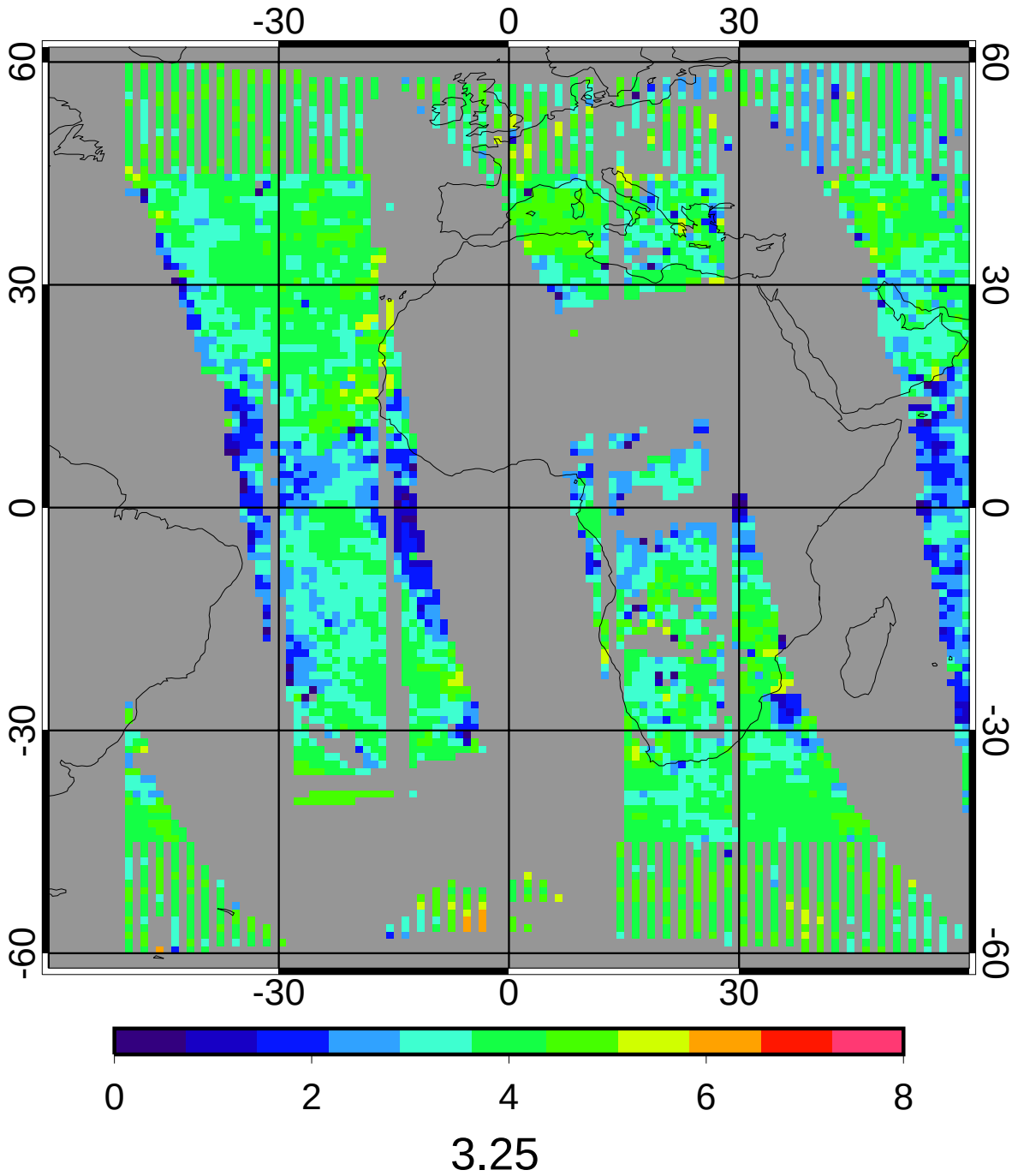
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010



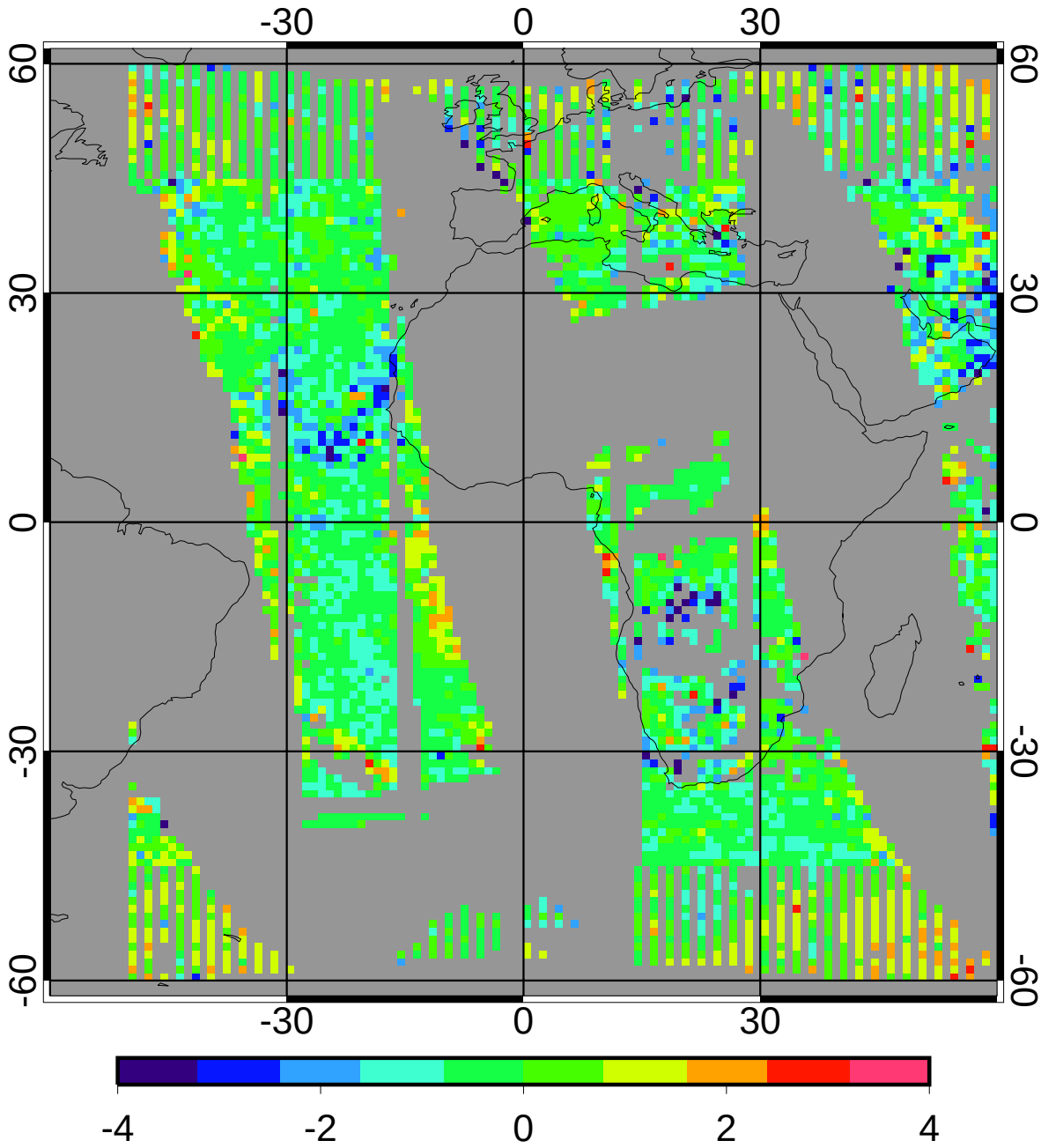
CERES/Terra MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010



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

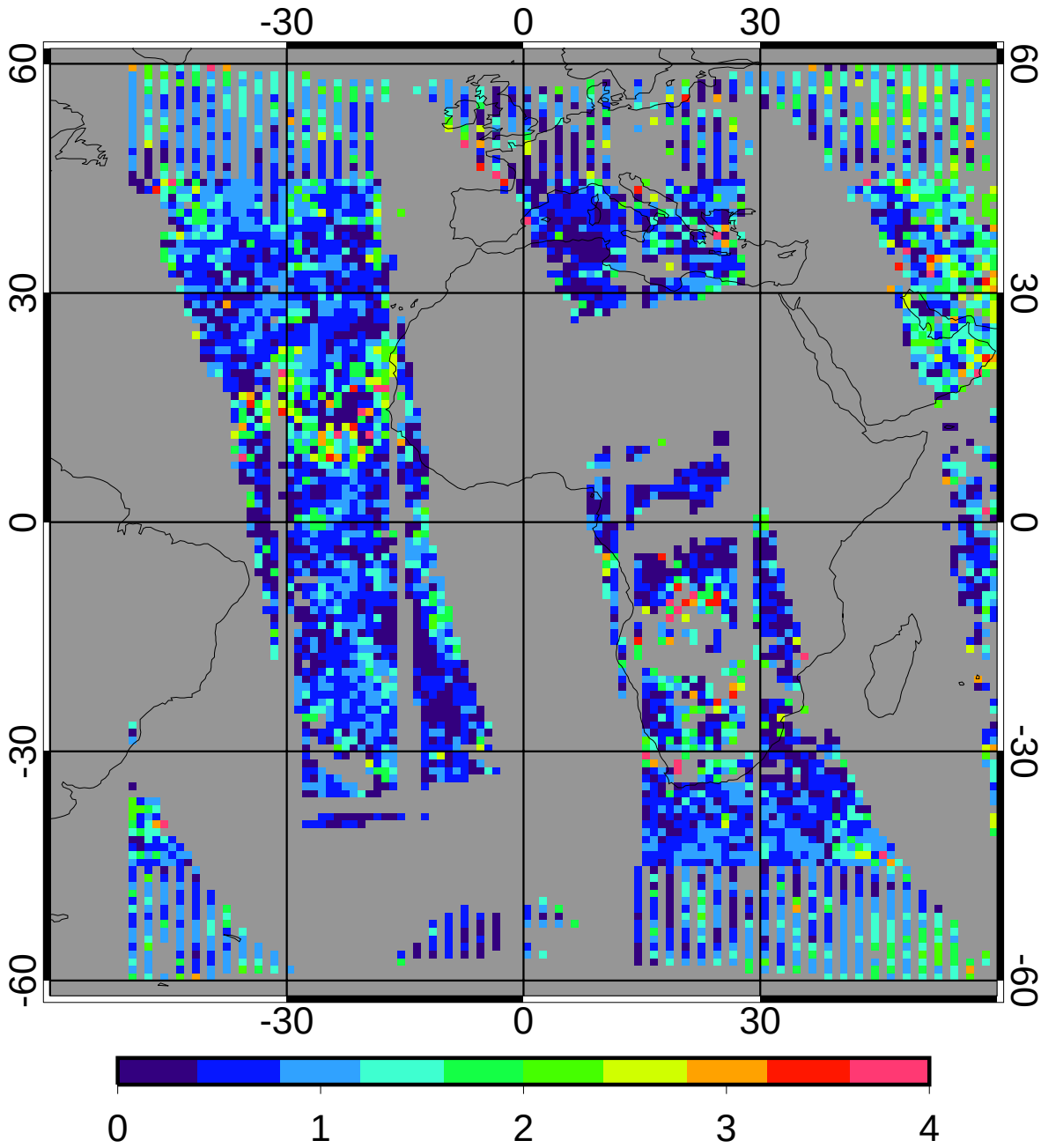
5ch_39cal Apr 2010



bias	-0.24	-7.29%
domain sigma	0.84	25.73%

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

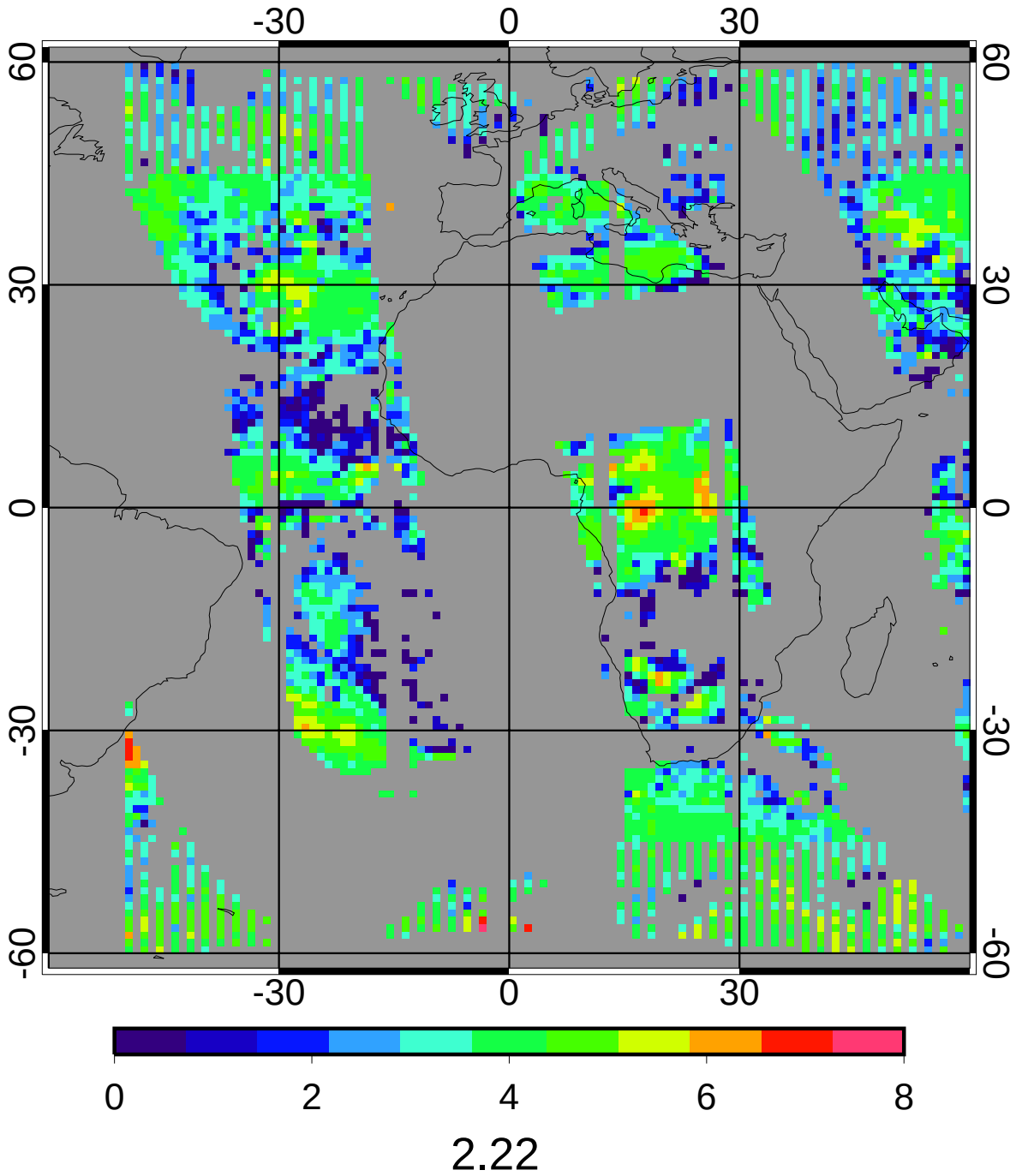
5ch_39cal Apr 2010



regave rms	0.75	22.96%
domain rms	1.04	31.89%

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

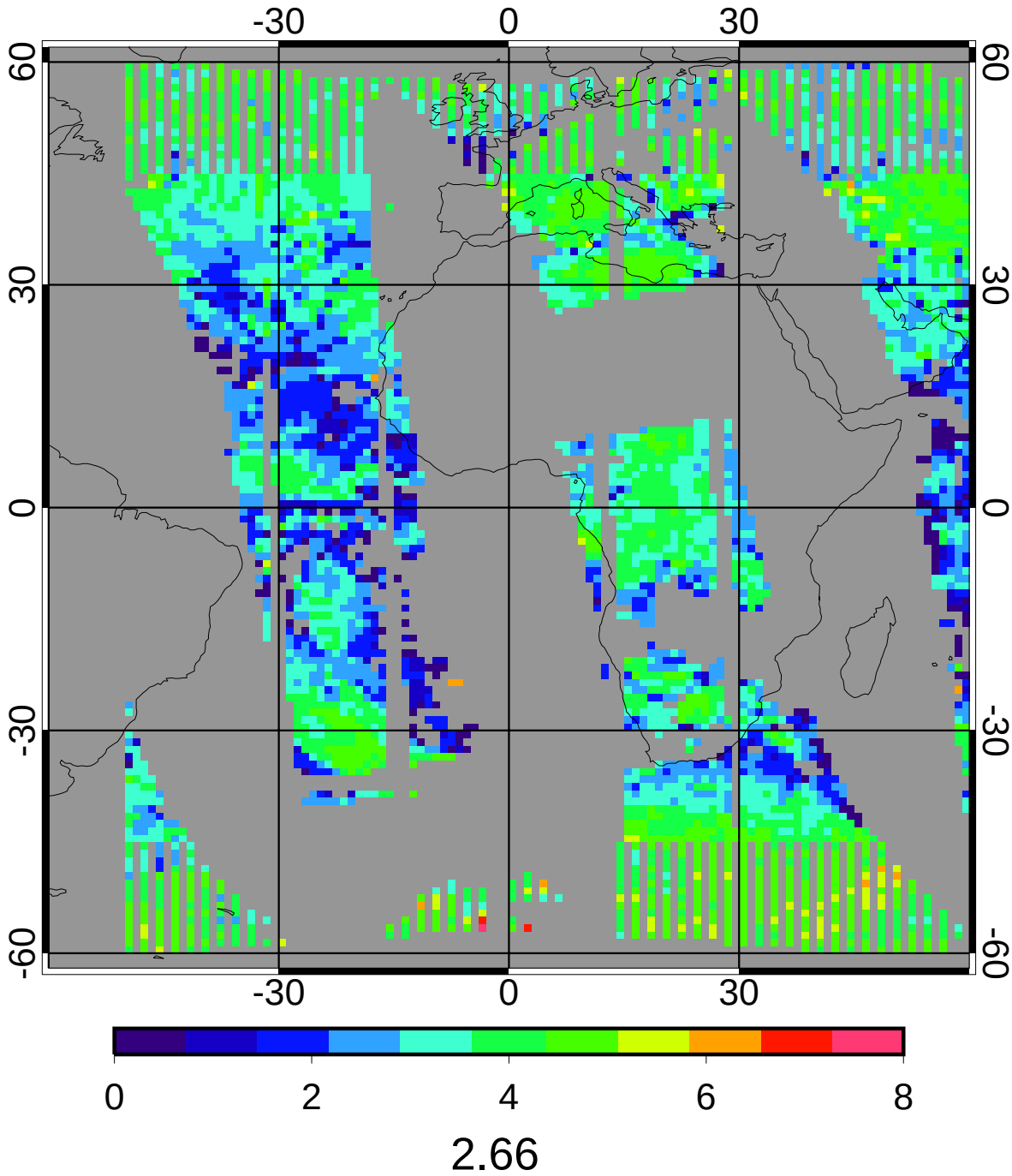
5ch_39cal Apr 2010



2.22

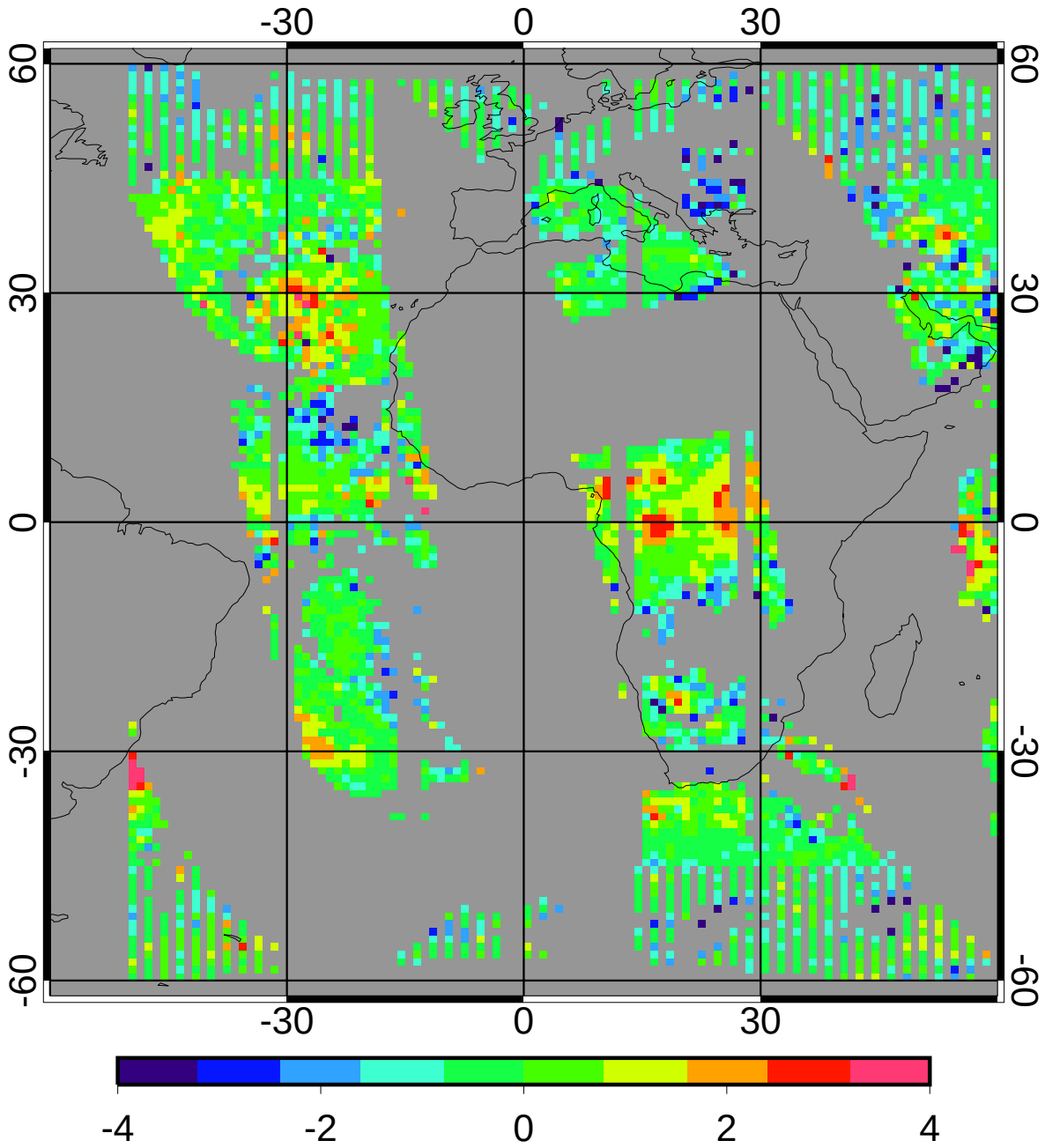
CERES/Terra MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010



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

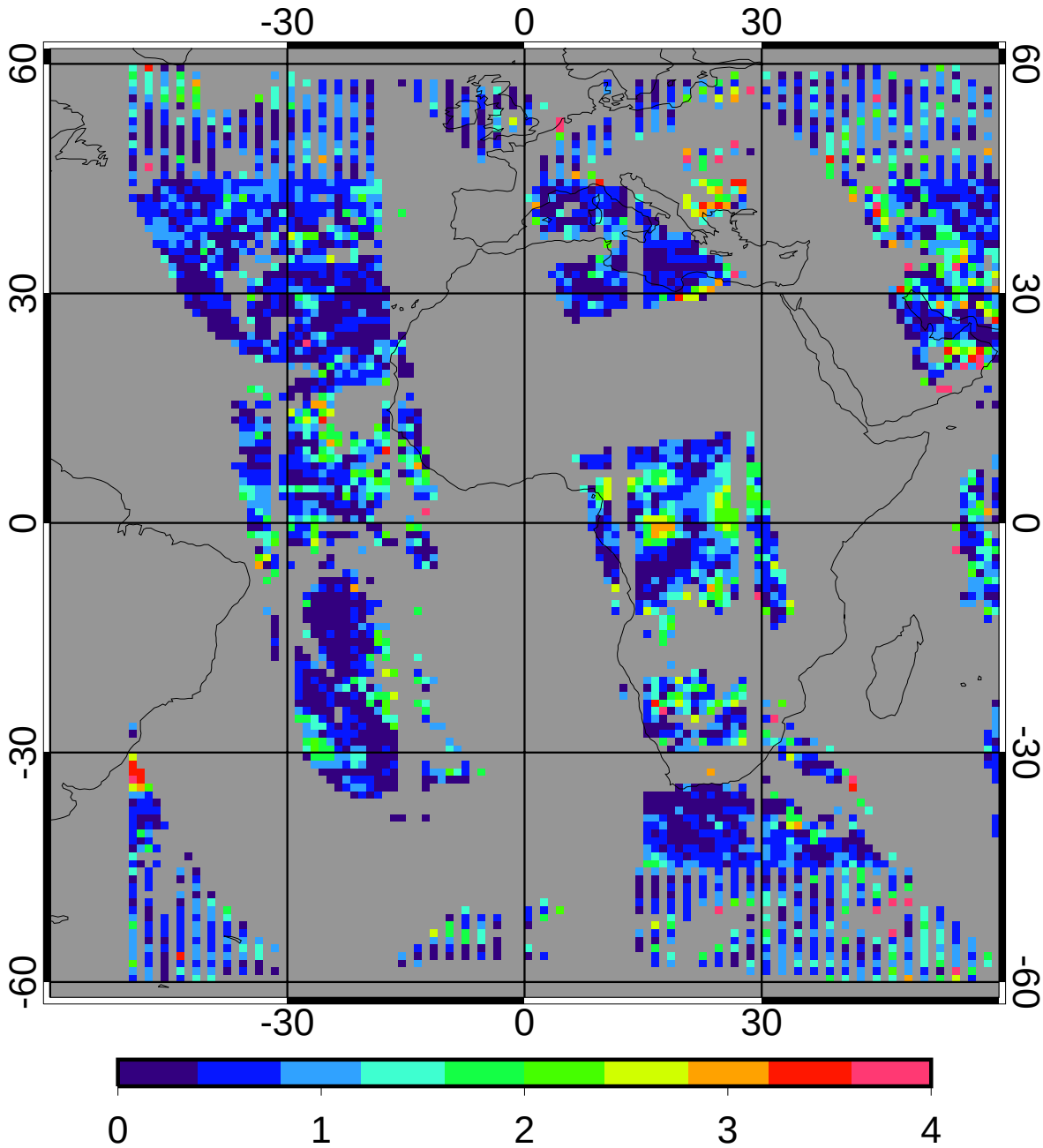
5ch_39cal Apr 2010



bias	-0.09	-3.44%
domain sigma	0.98	36.96%

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

5ch_39cal Apr 2010



regave rms	0.56	21.25%
domain rms	0.98	37.00%