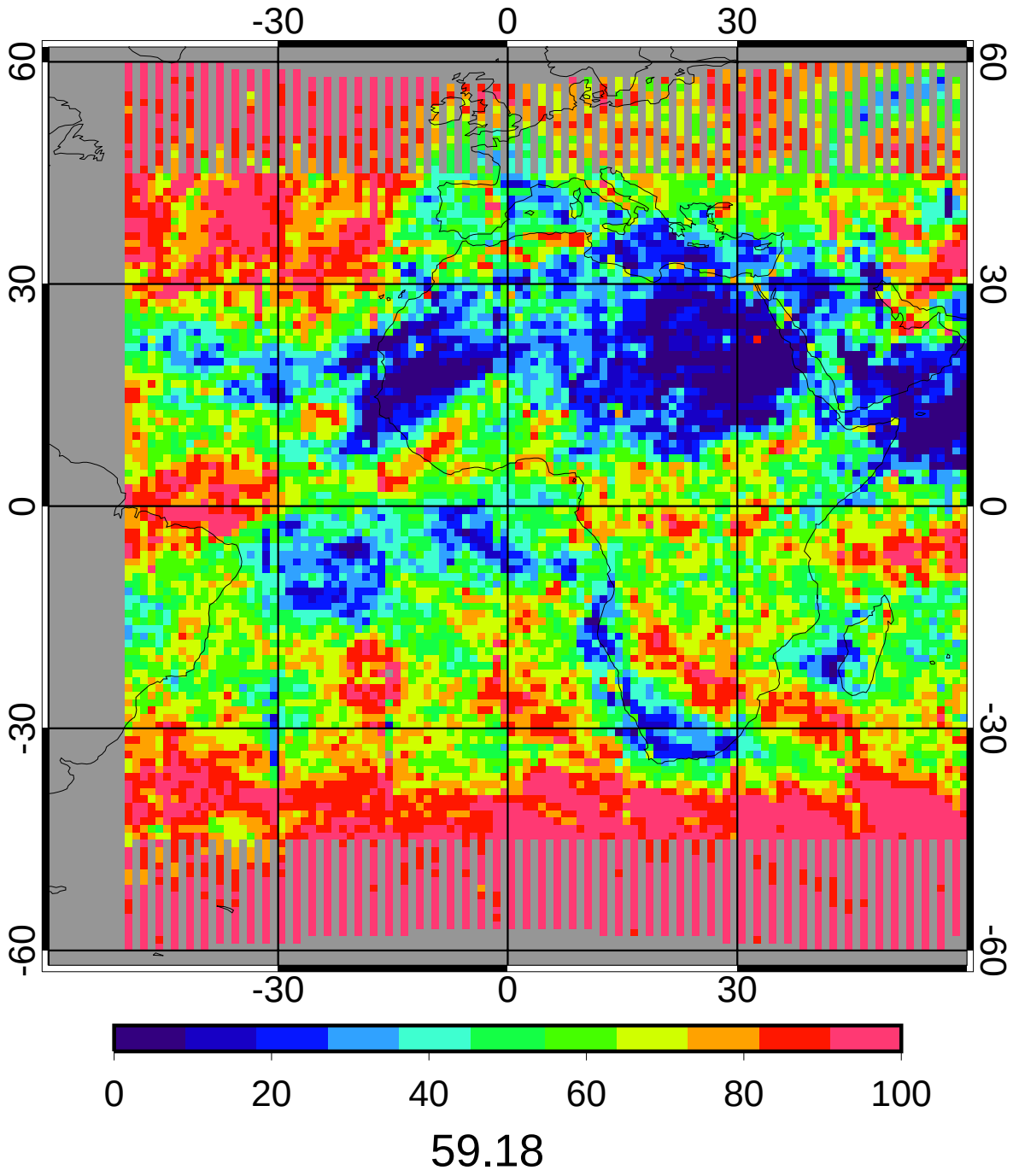
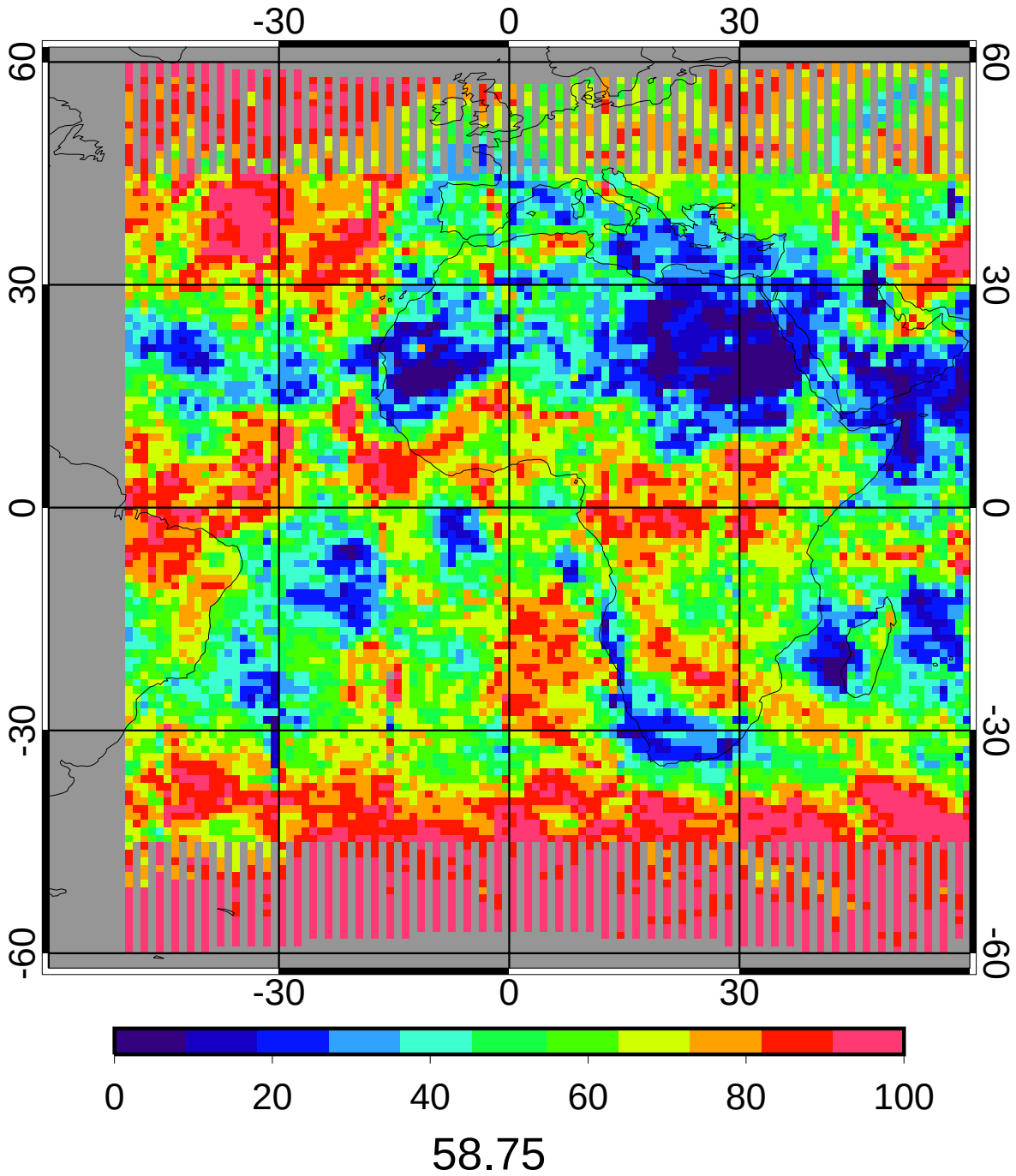
GGEO MEAN Daytime Cloud Amount (%)

5ch Apr 2010 (lapse rate)



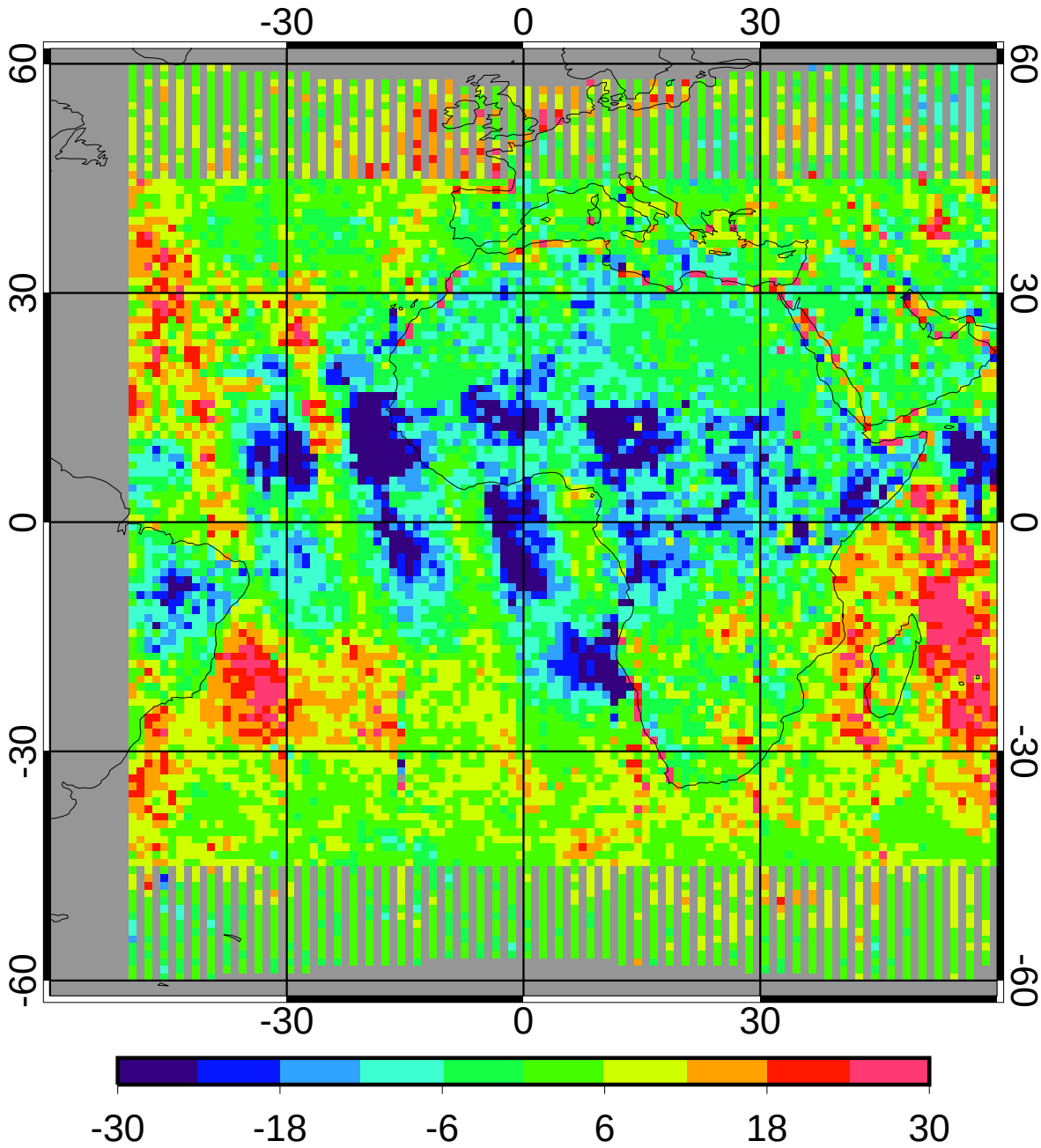
CERES/Aqua MEAN Daytime Cloud Amount (%)

5ch Apr 2010 (lapse rate)



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

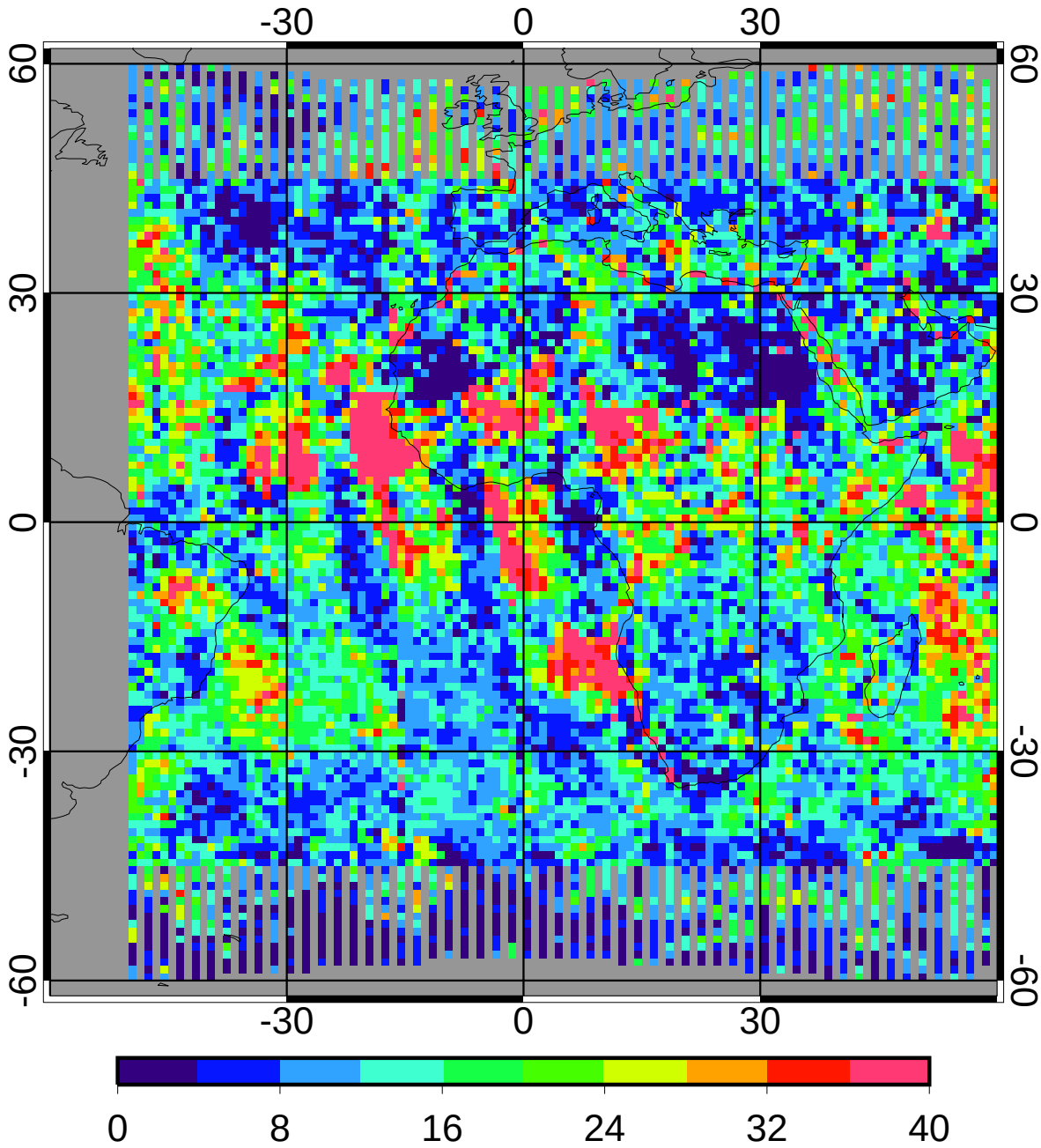
5ch Apr 2010 (lapse rate)



bias	0.43	0.74%
domain sigma	11.03	18.78%

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

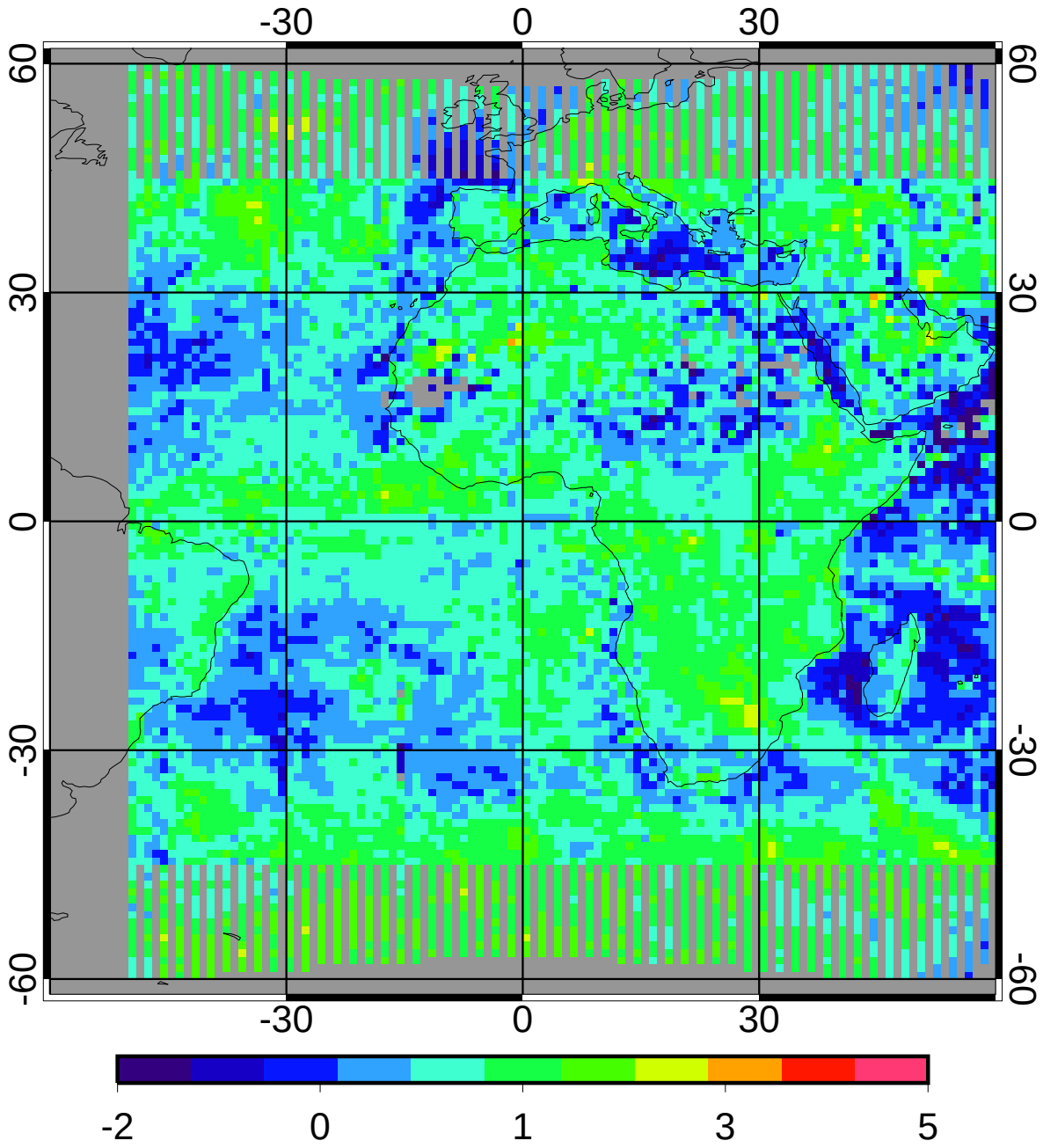
5ch Apr 2010 (lapse rate)



regave rms	15.00	25.53%
domain rms	16.53	28.14%

GGEO MEAN Daytime Log Optical Depth

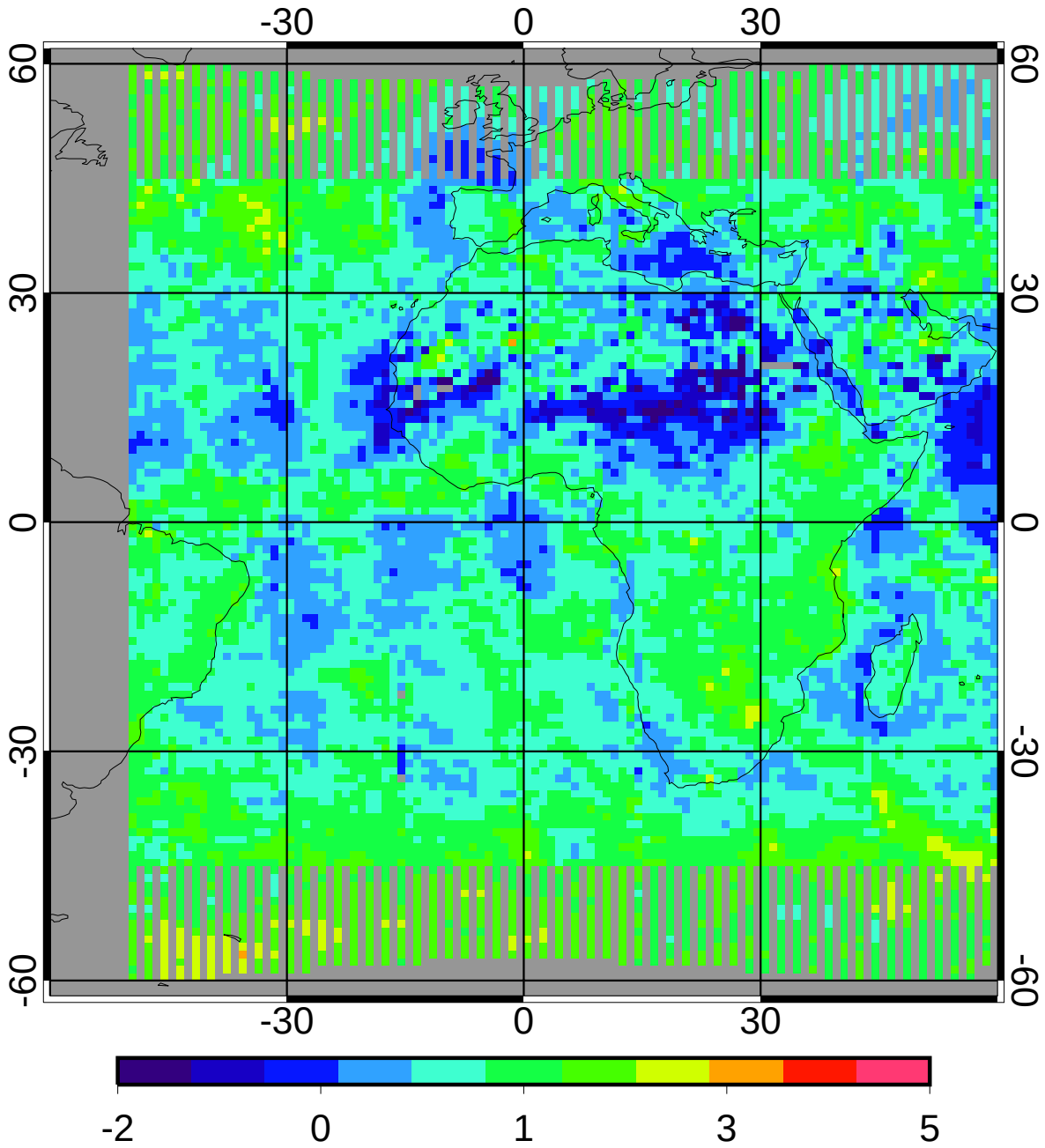
5ch Apr 2010 (lapse rate)



0.83

CERES/Aqua MEAN Daytime Log Optical Depth

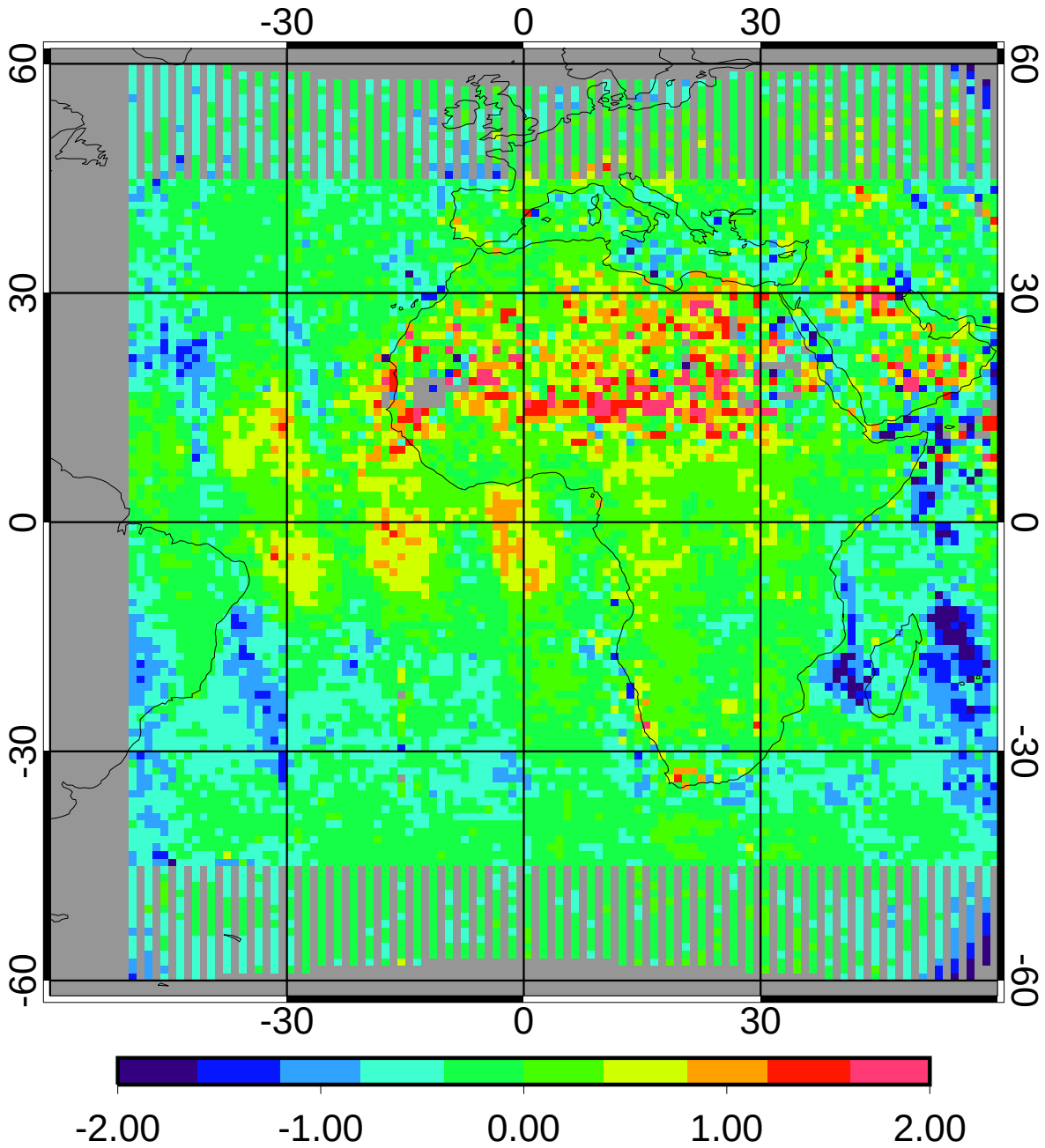
5ch Apr 2010 (lapse rate)



0.96

GGEO - CERES/Aqua Daytime Log Optical Depth Bias

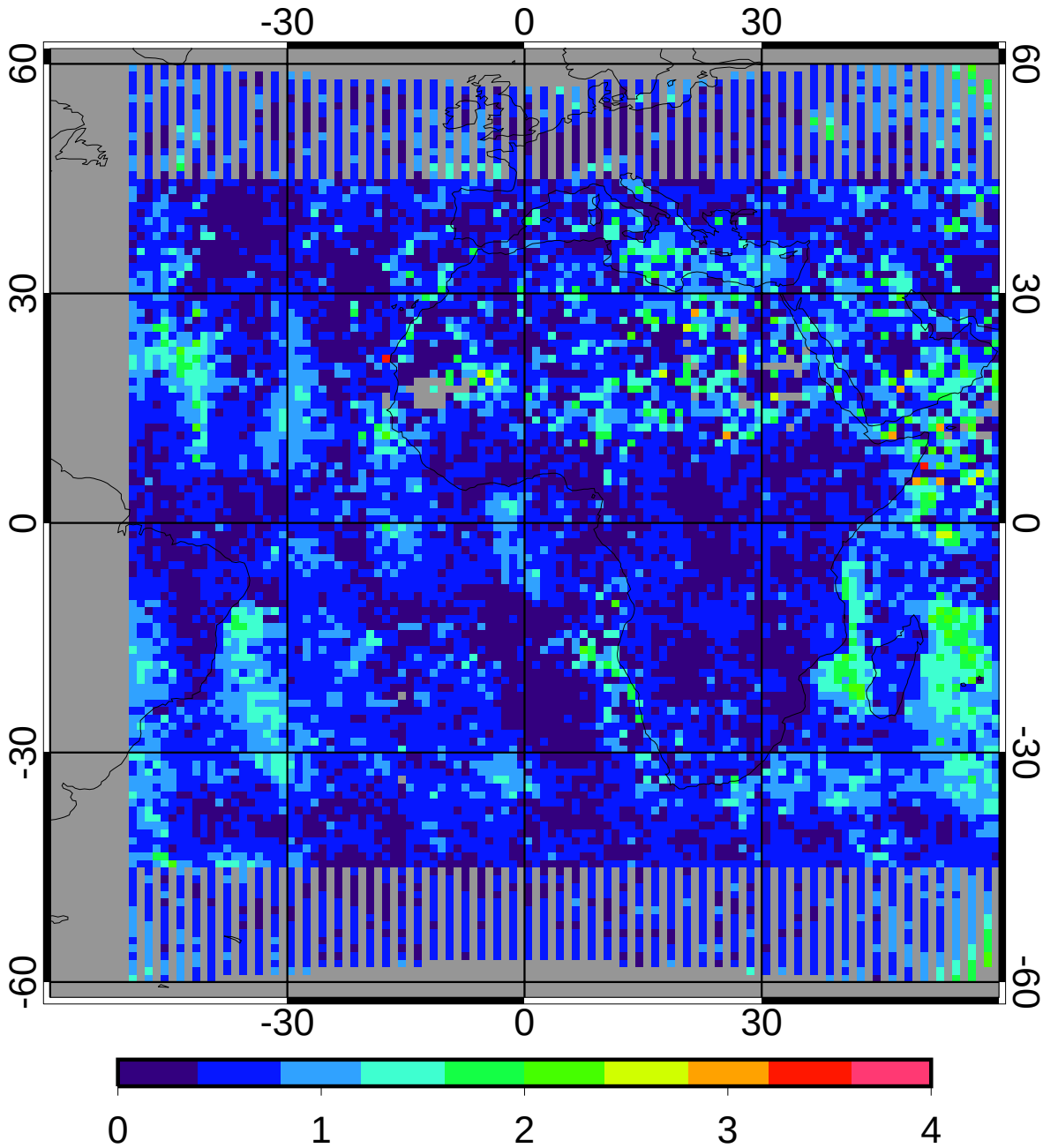
5ch Apr 2010 (lapse rate)



bias	-0.13	-13.33%
domain sigma	0.48	49.94%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

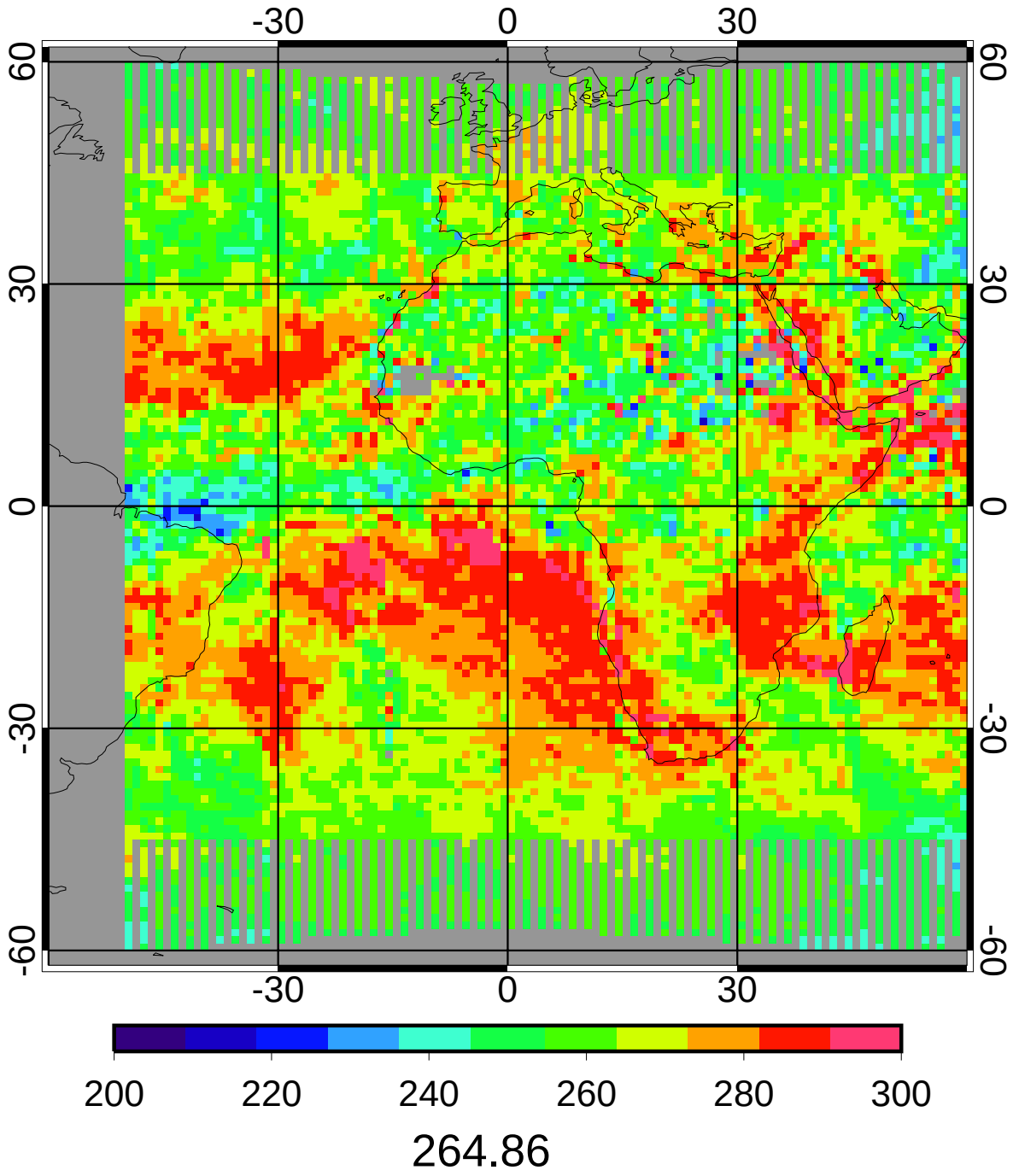
5ch Apr 2010 (lapse rate)



regave rms	0.62	64.58%
domain rms	0.64	66.58%

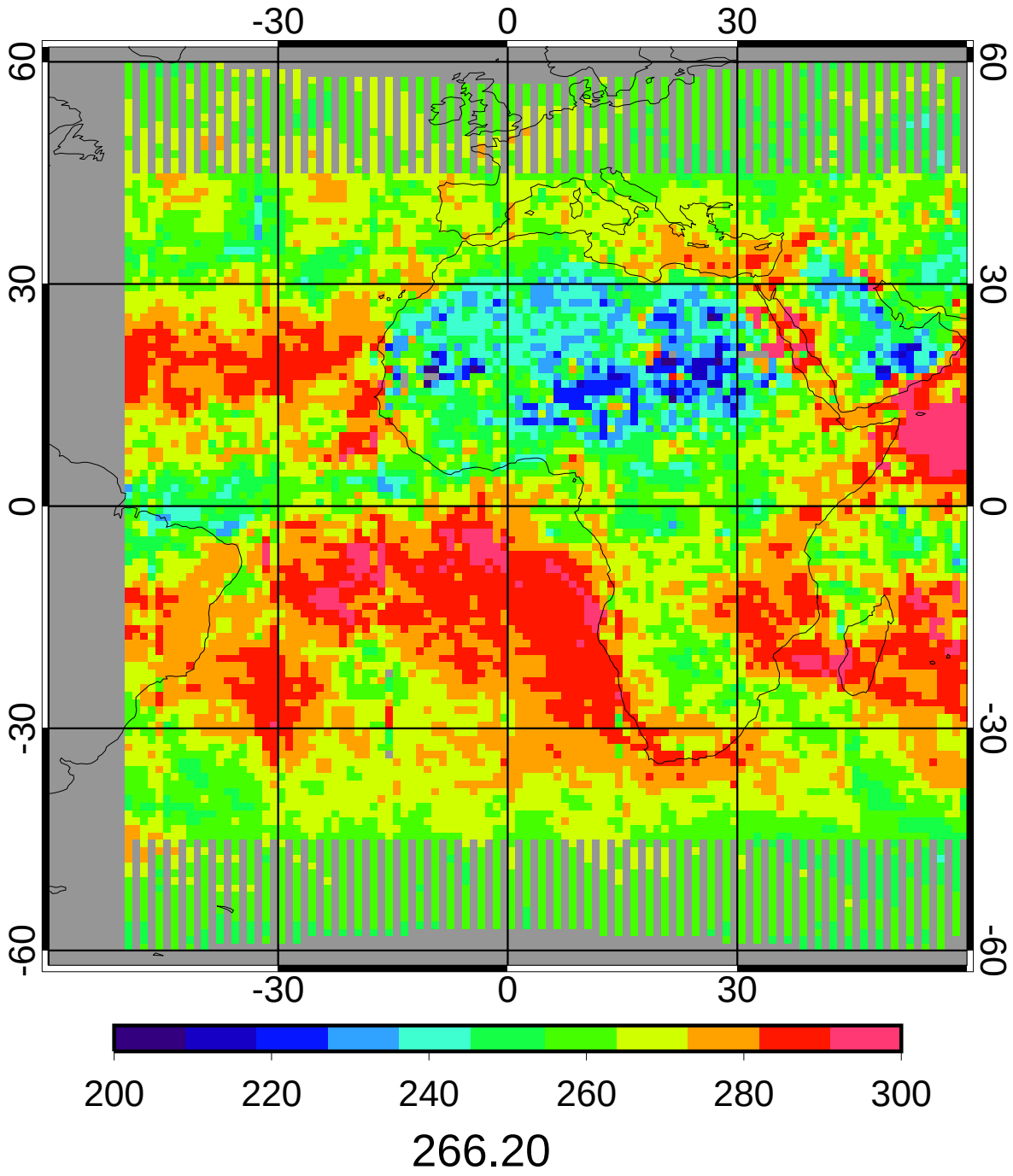
GGEO MEAN Daytime Cloud Temperature (K)

5ch Apr 2010 (lapse rate)



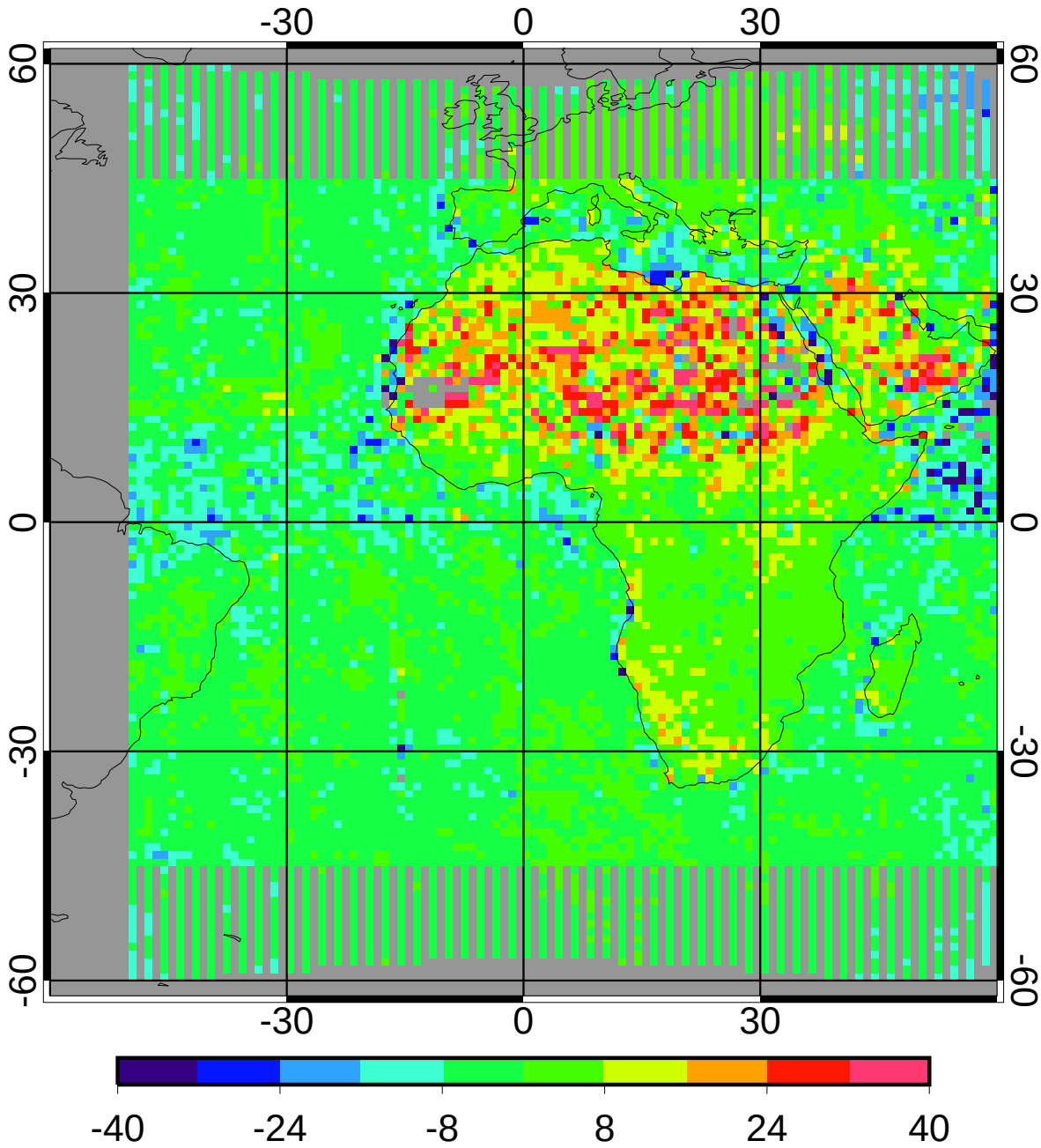
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch Apr 2010 (lapse rate)



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

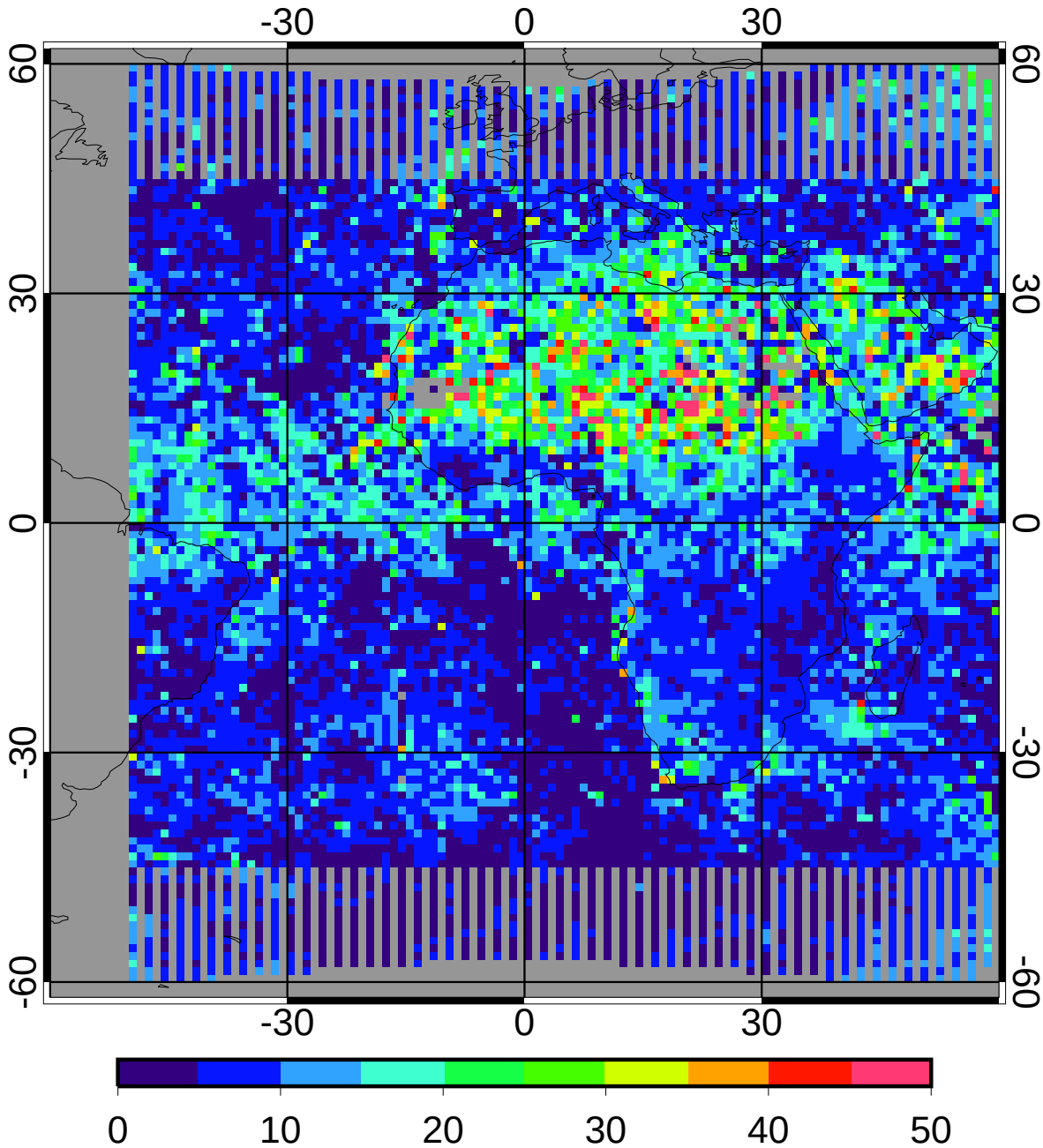
5ch Apr 2010 (lapse rate)



bias	-0.18	-0.07%
domain sigma	8.48	3.19%

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

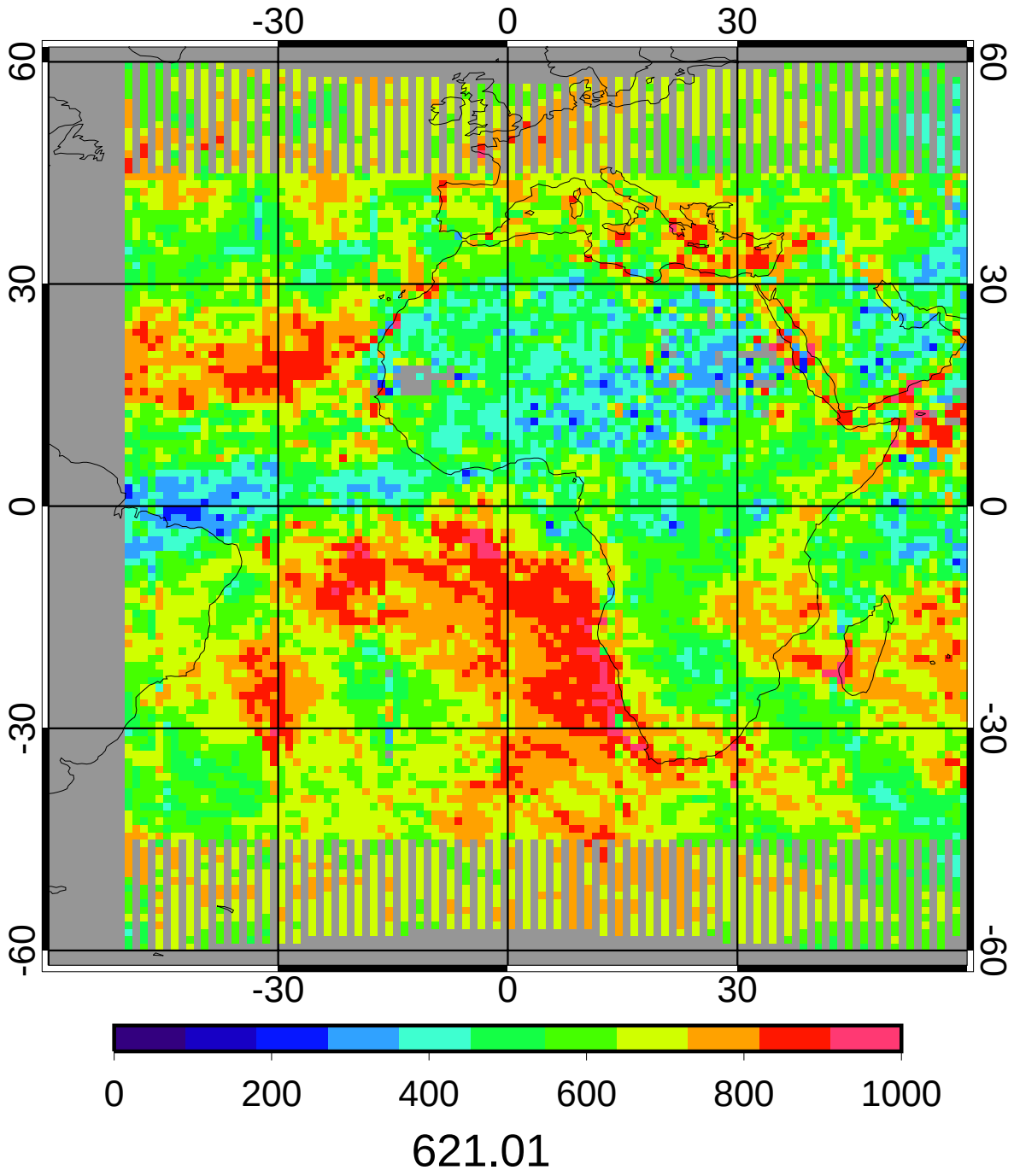
5ch Apr 2010 (lapse rate)



regave rms	9.92	3.73%
domain rms	10.44	3.92%

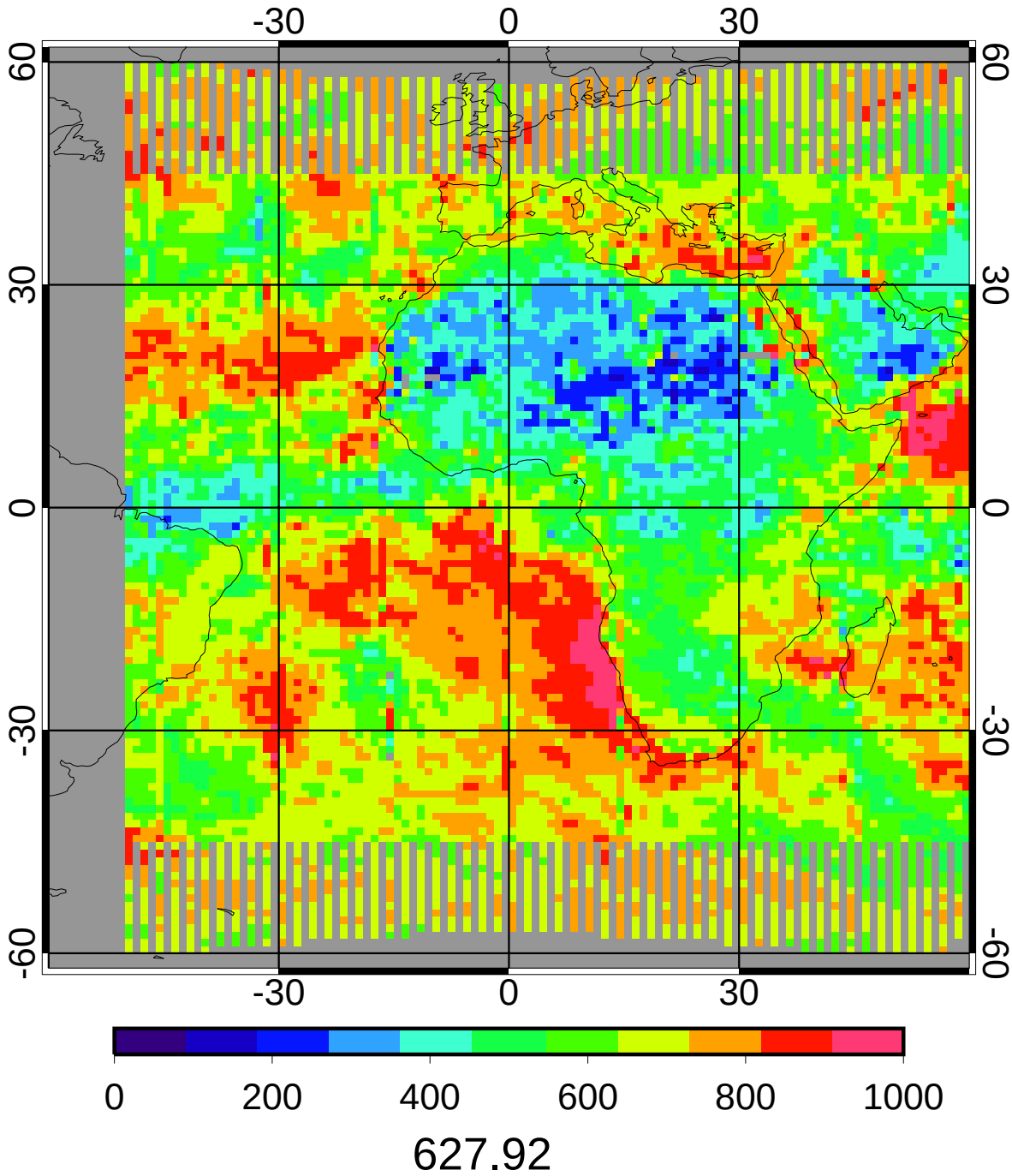
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch Apr 2010 (lapse rate)



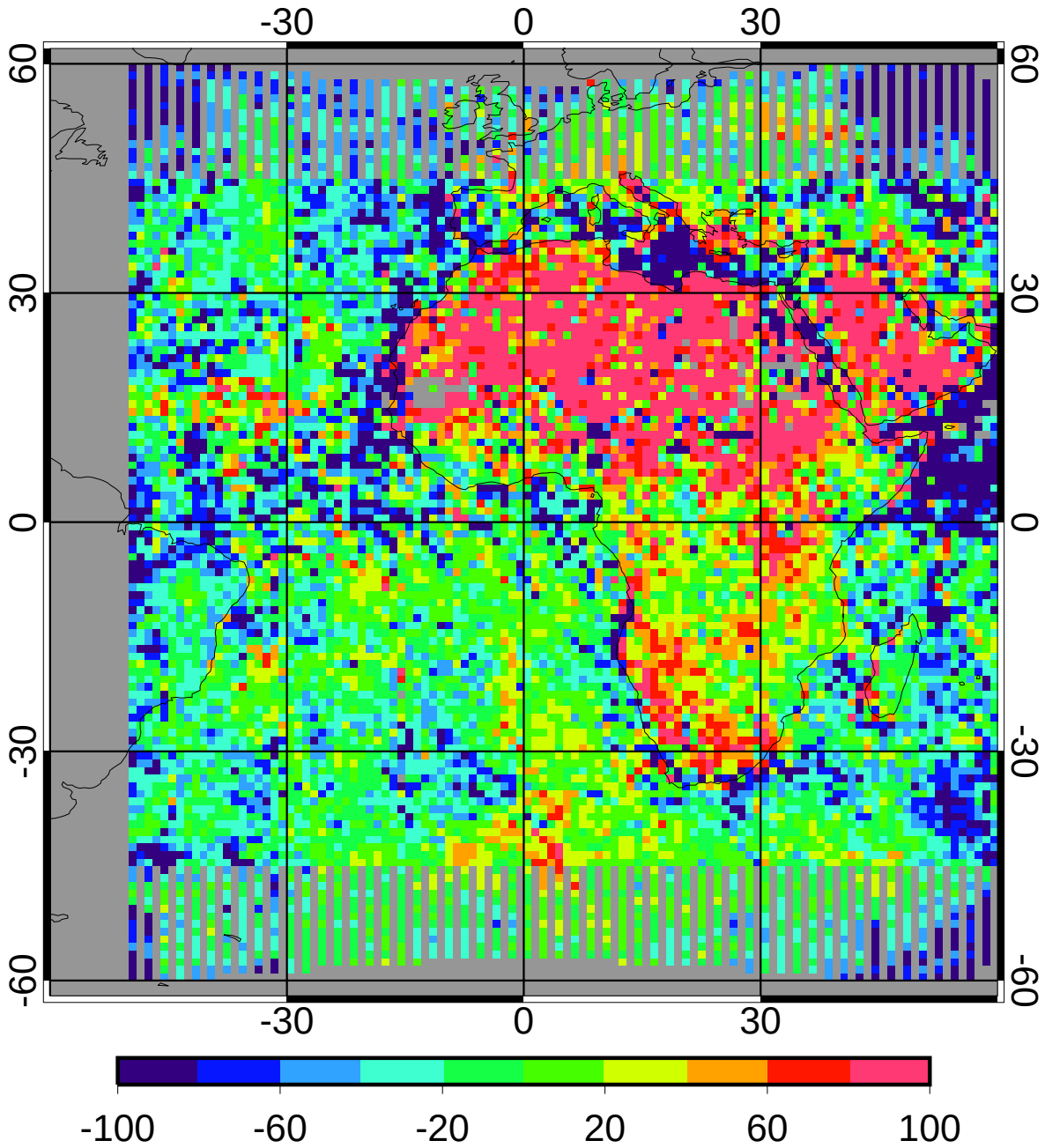
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch Apr 2010 (lapse rate)



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

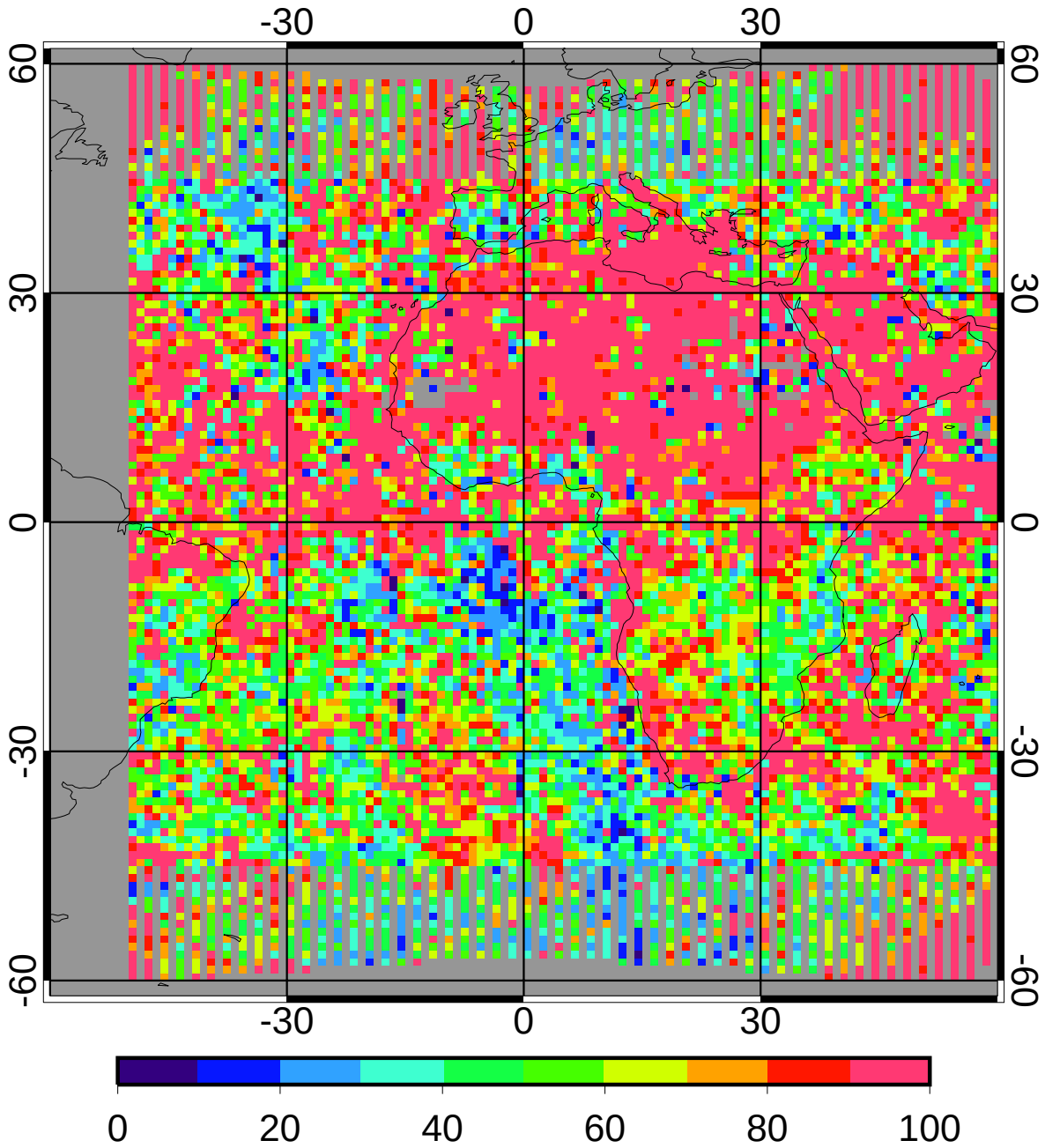
5ch Apr 2010 (lapse rate)



bias	-4.65	-0.74%
domain sigma	70.29	11.19%

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

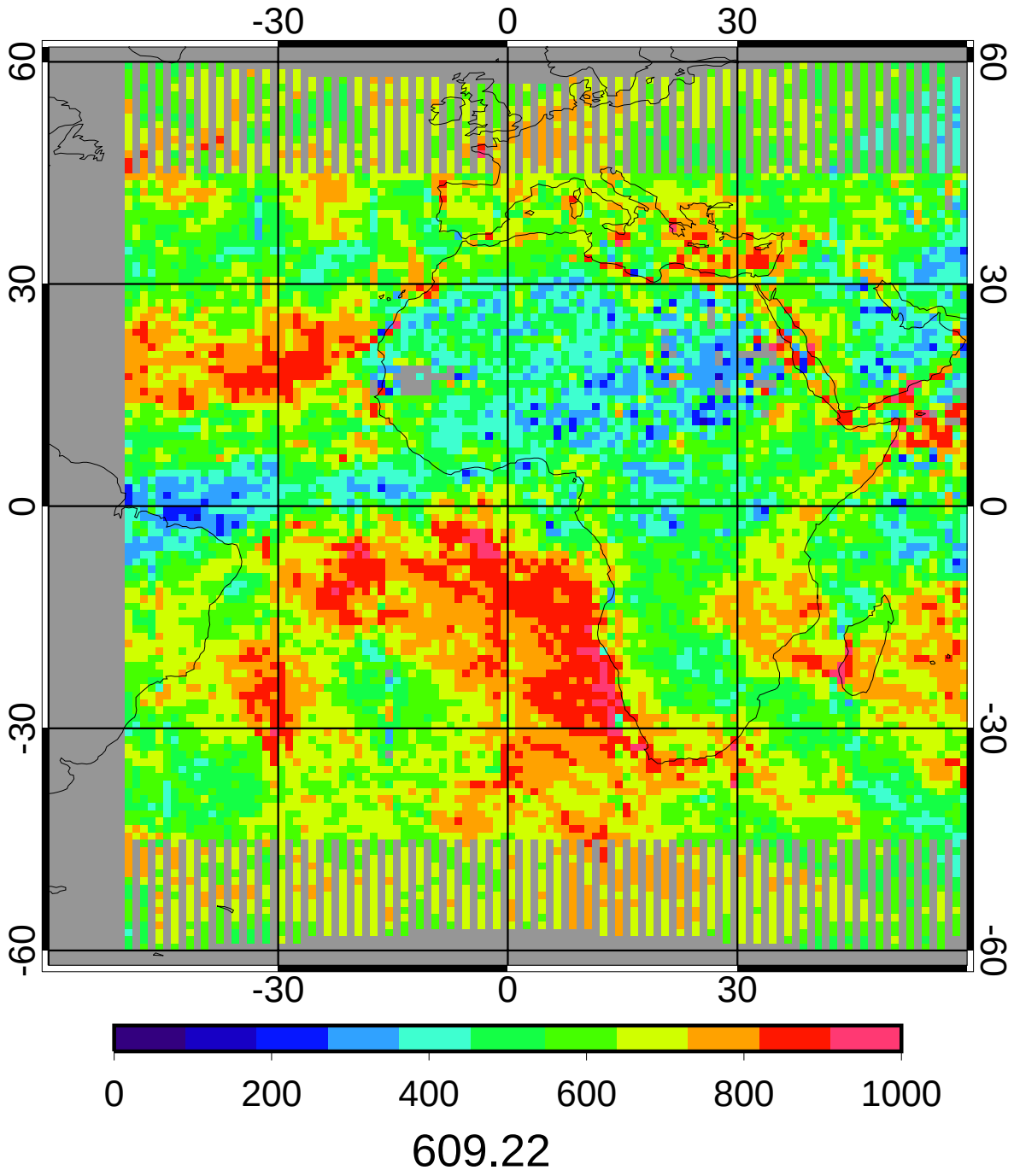
5ch Apr 2010 (lapse rate)



regave rms	89.13	14.19%
domain rms	93.01	14.81%

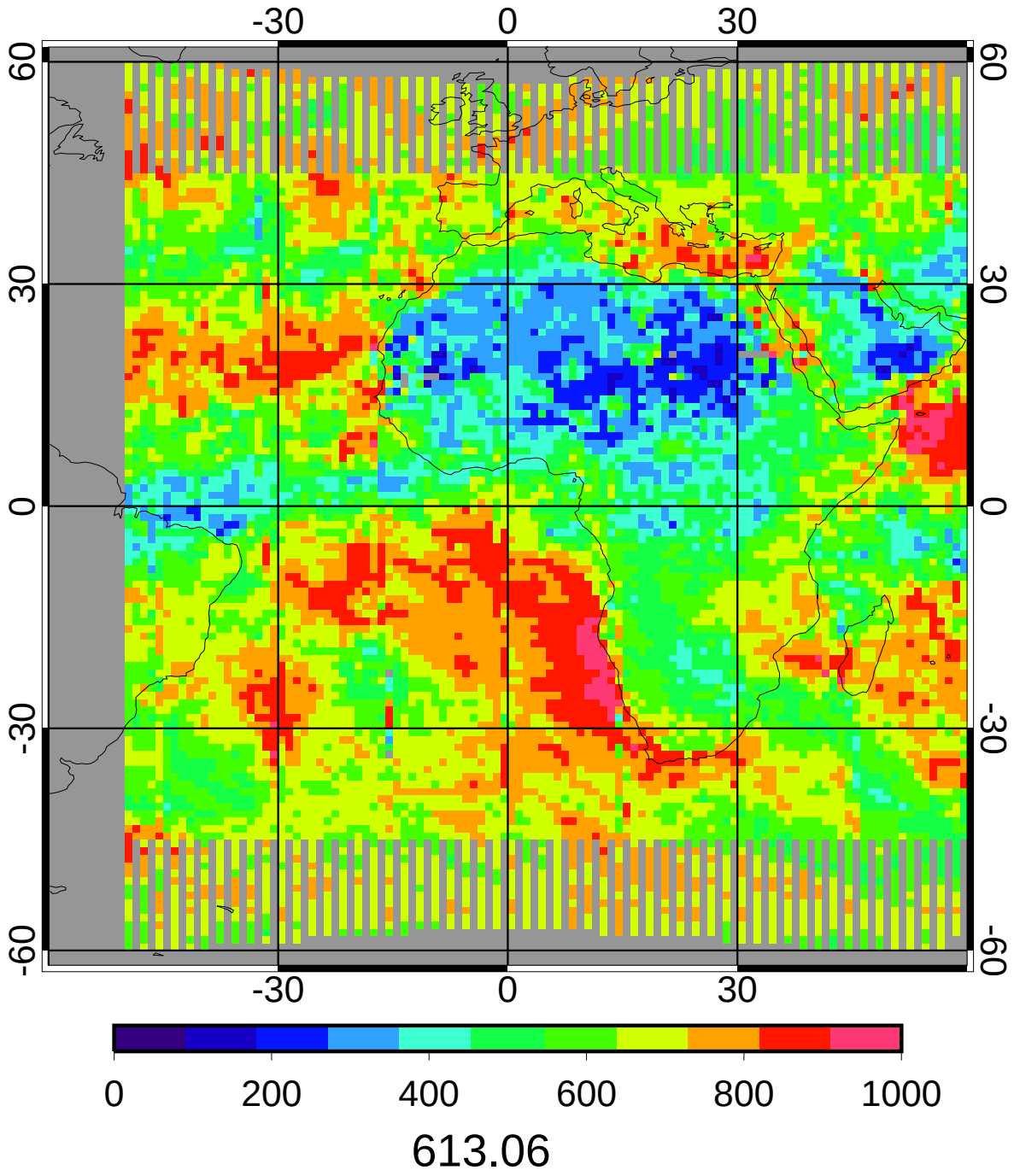
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch Apr 2010 (lapse rate)



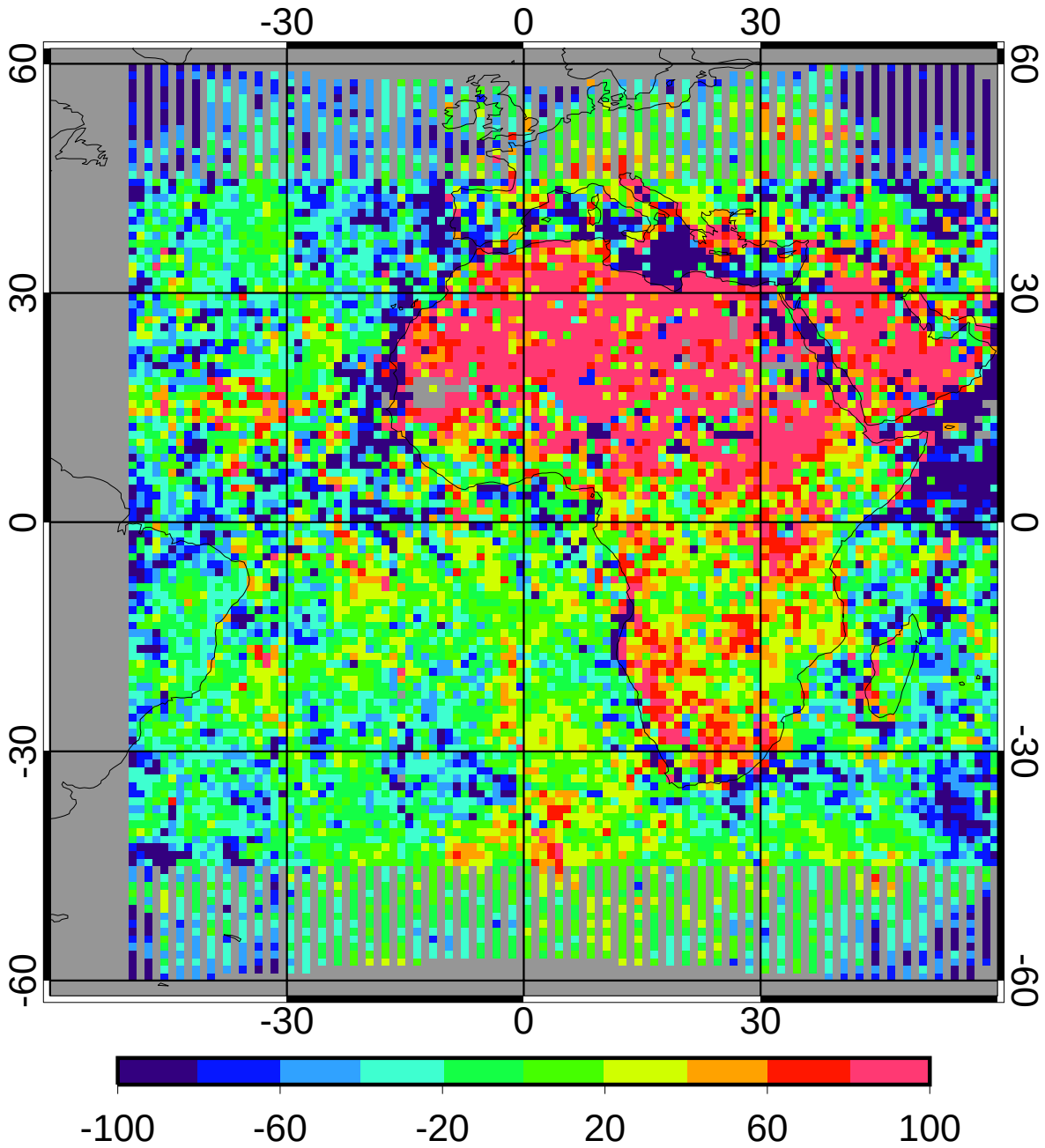
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch Apr 2010 (lapse rate)



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

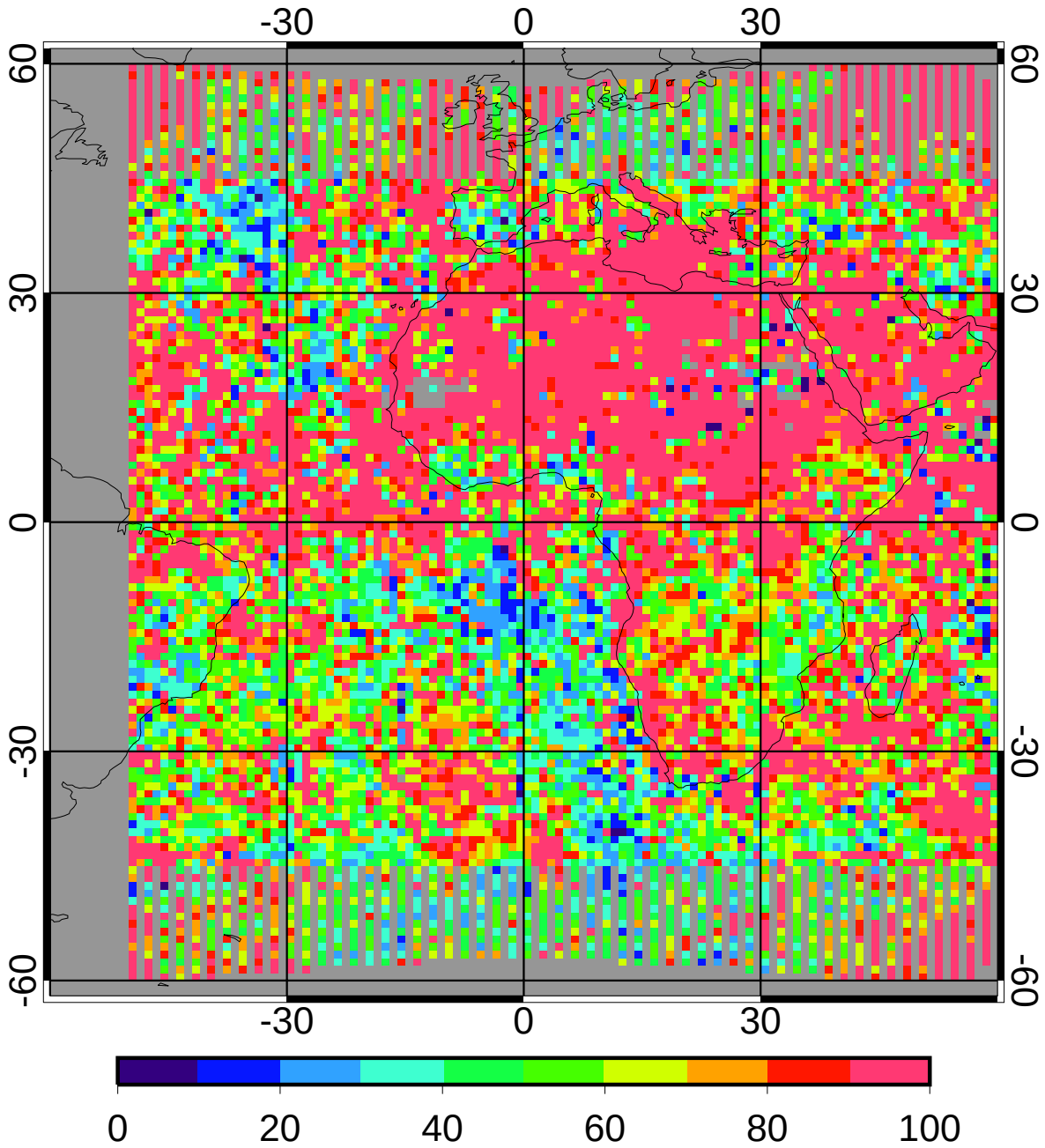
5ch Apr 2010 (lapse rate)



bias	-1.63	-0.27%
domain sigma	72.04	11.75%

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

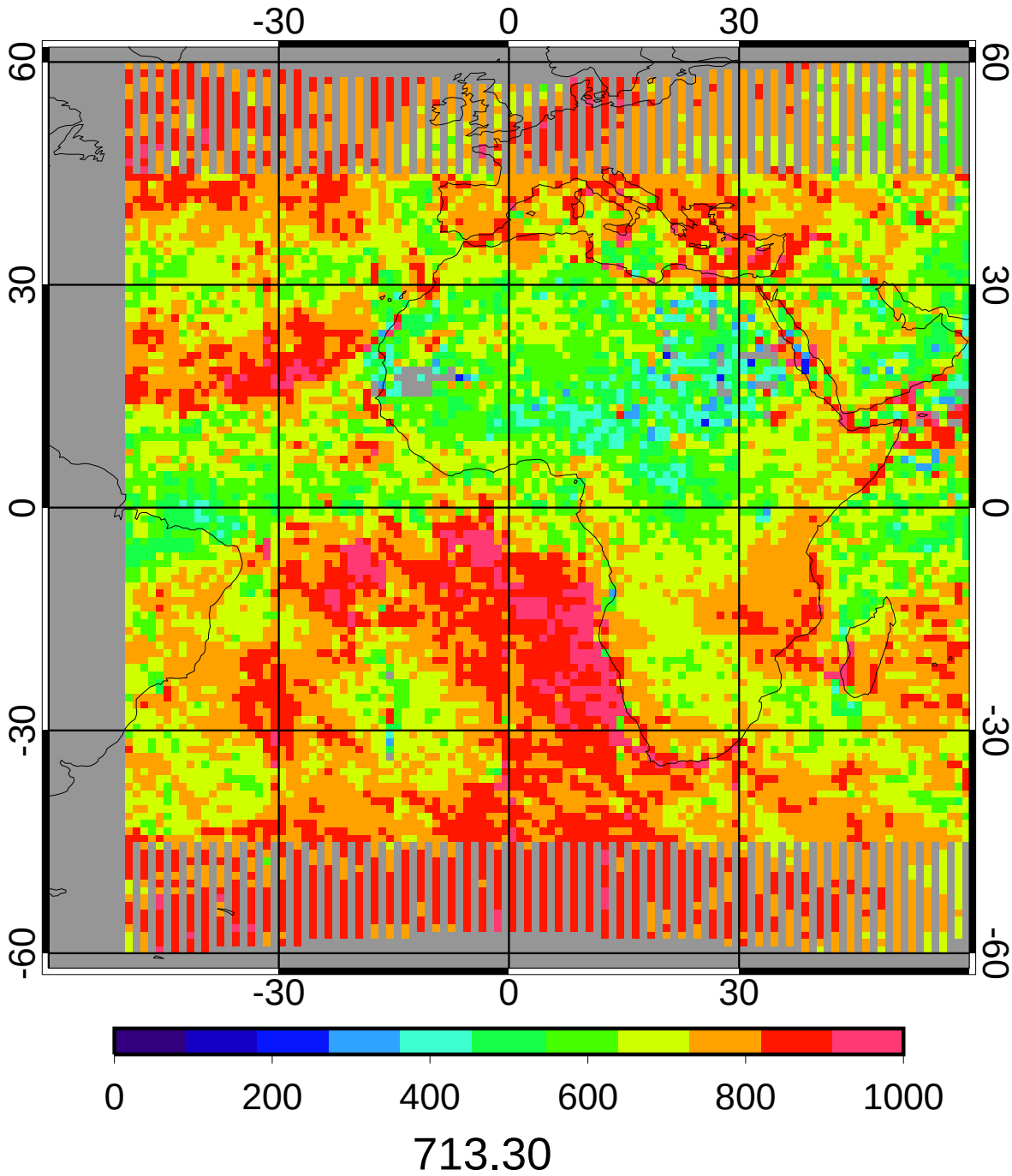
5ch Apr 2010 (lapse rate)



regave rms	92.24	15.05%
domain rms	95.98	15.66%

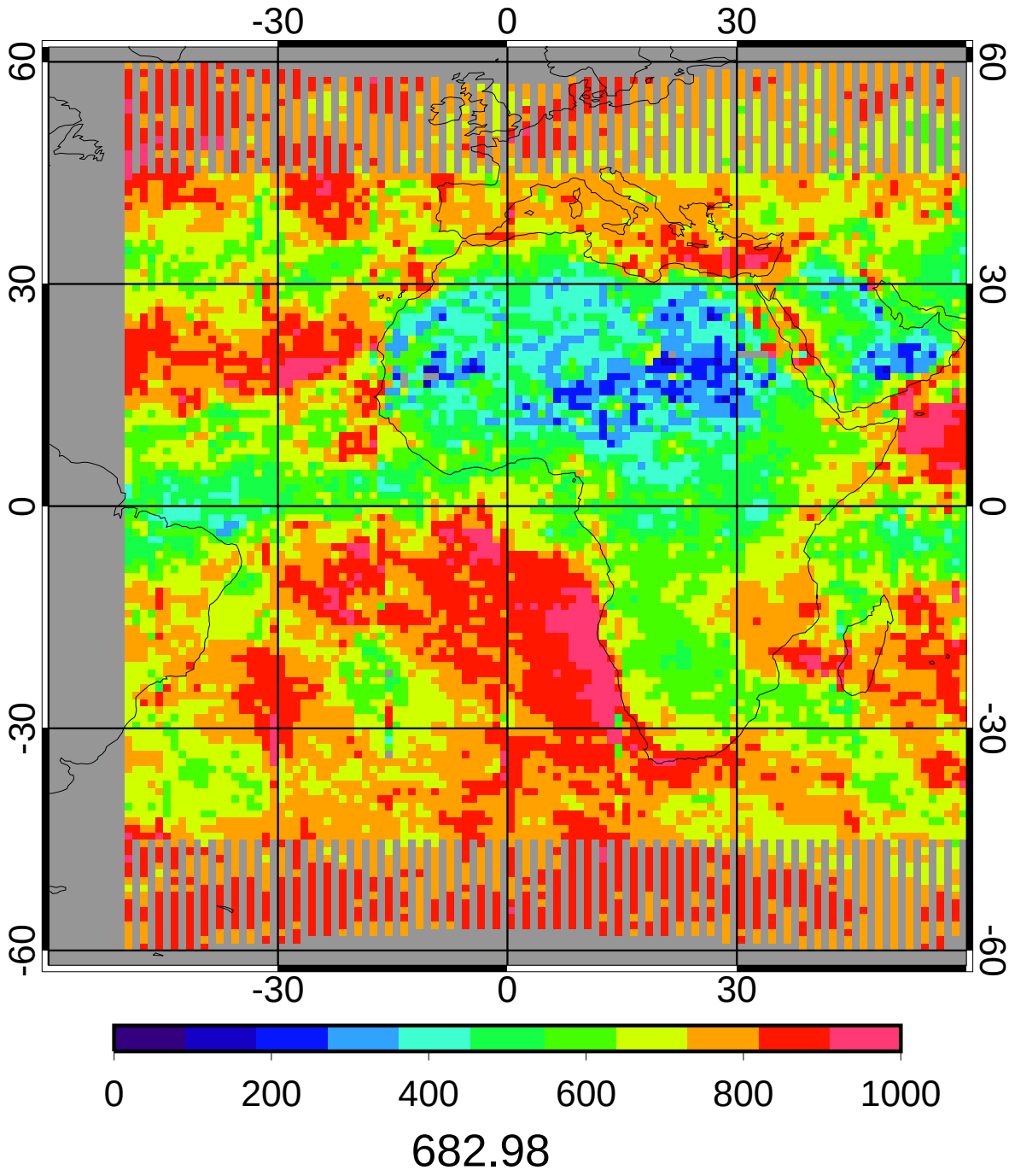
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch Apr 2010 (lapse rate)



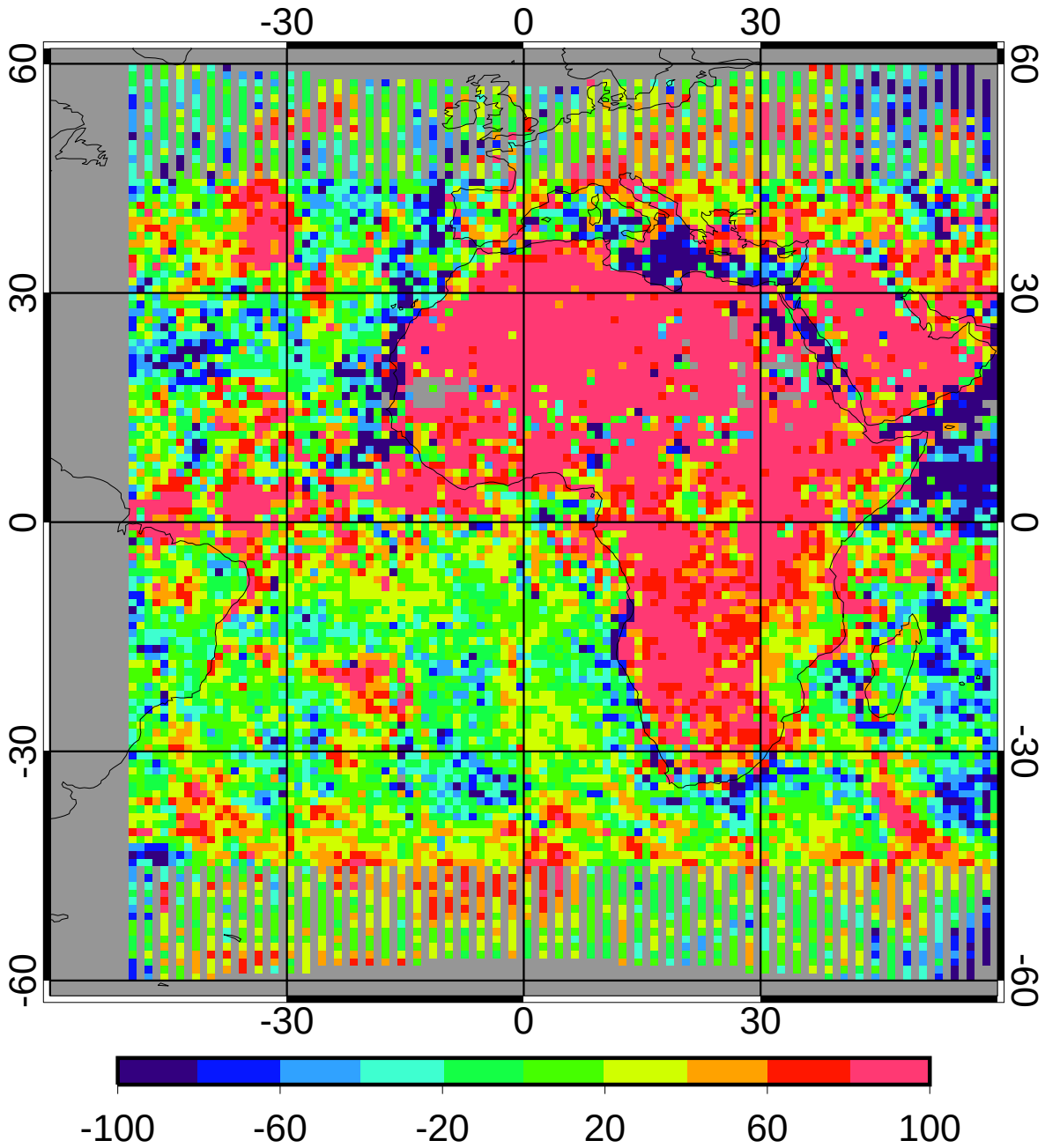
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch Apr 2010 (lapse rate)



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

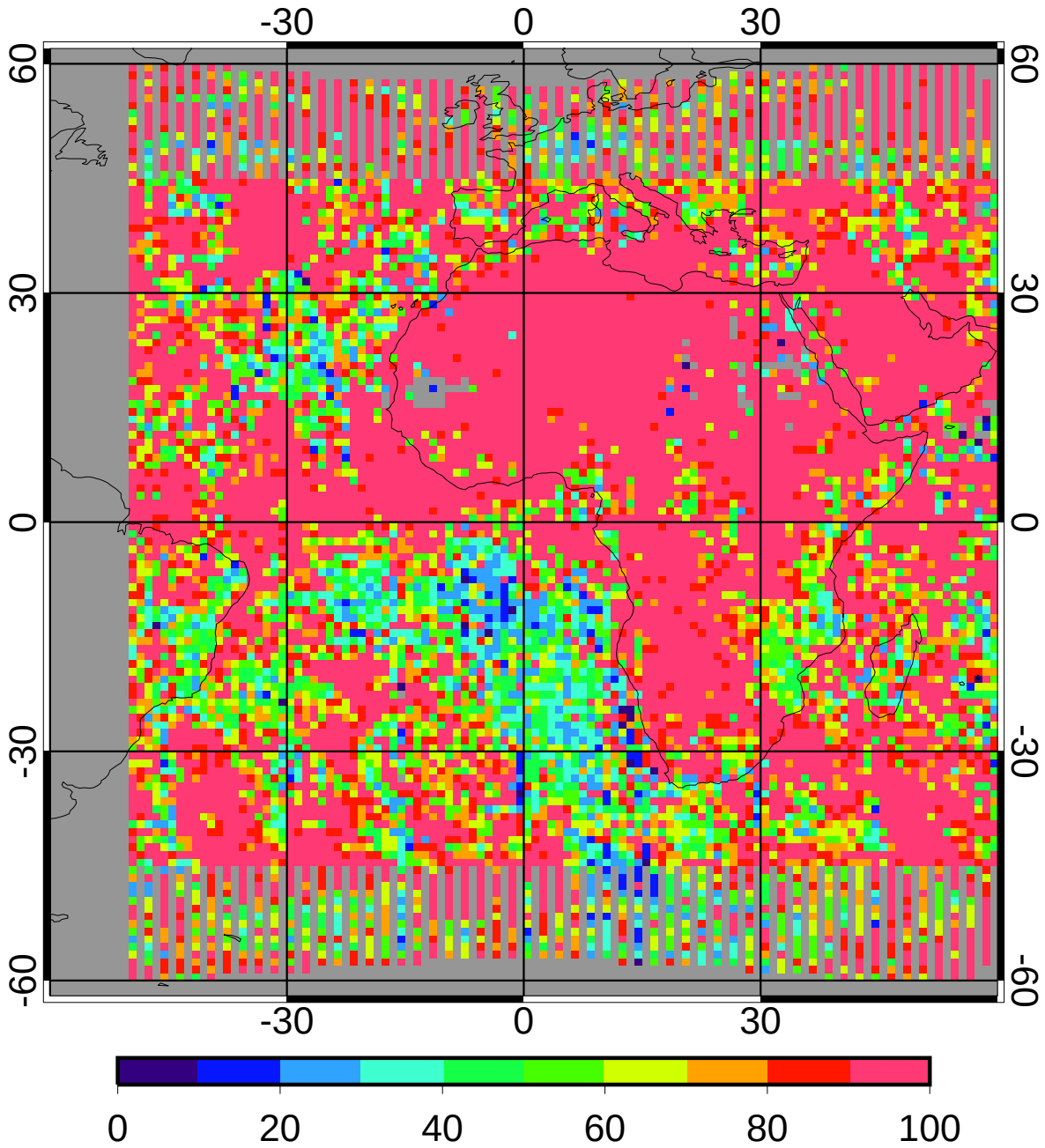
5ch Apr 2010 (lapse rate)



bias	32.64	4.78%
domain sigma	79.17	11.59%

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

5ch Apr 2010 (lapse rate)

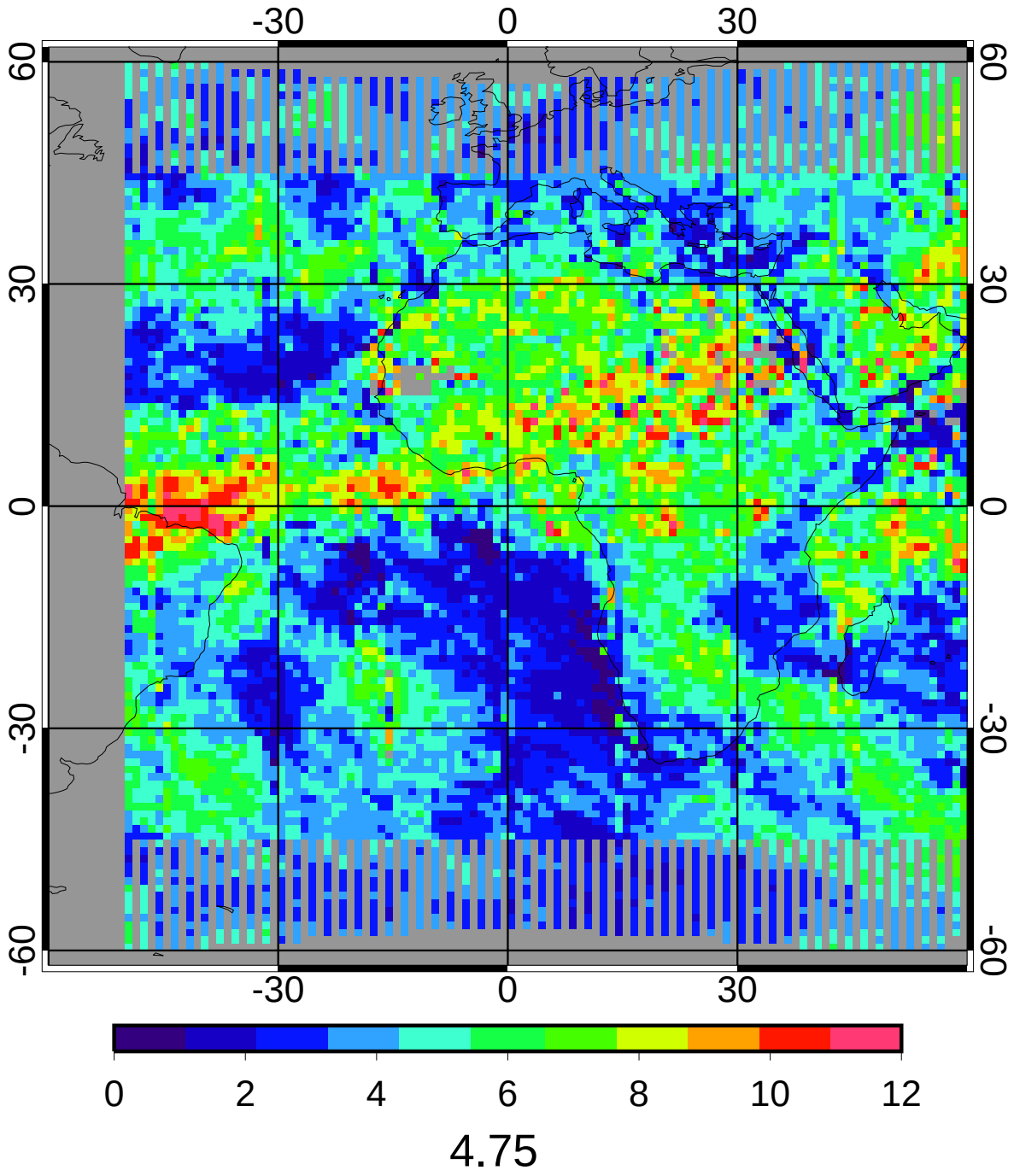


regave rms 109.76 16.07%

domain rms 110.13 16.12%

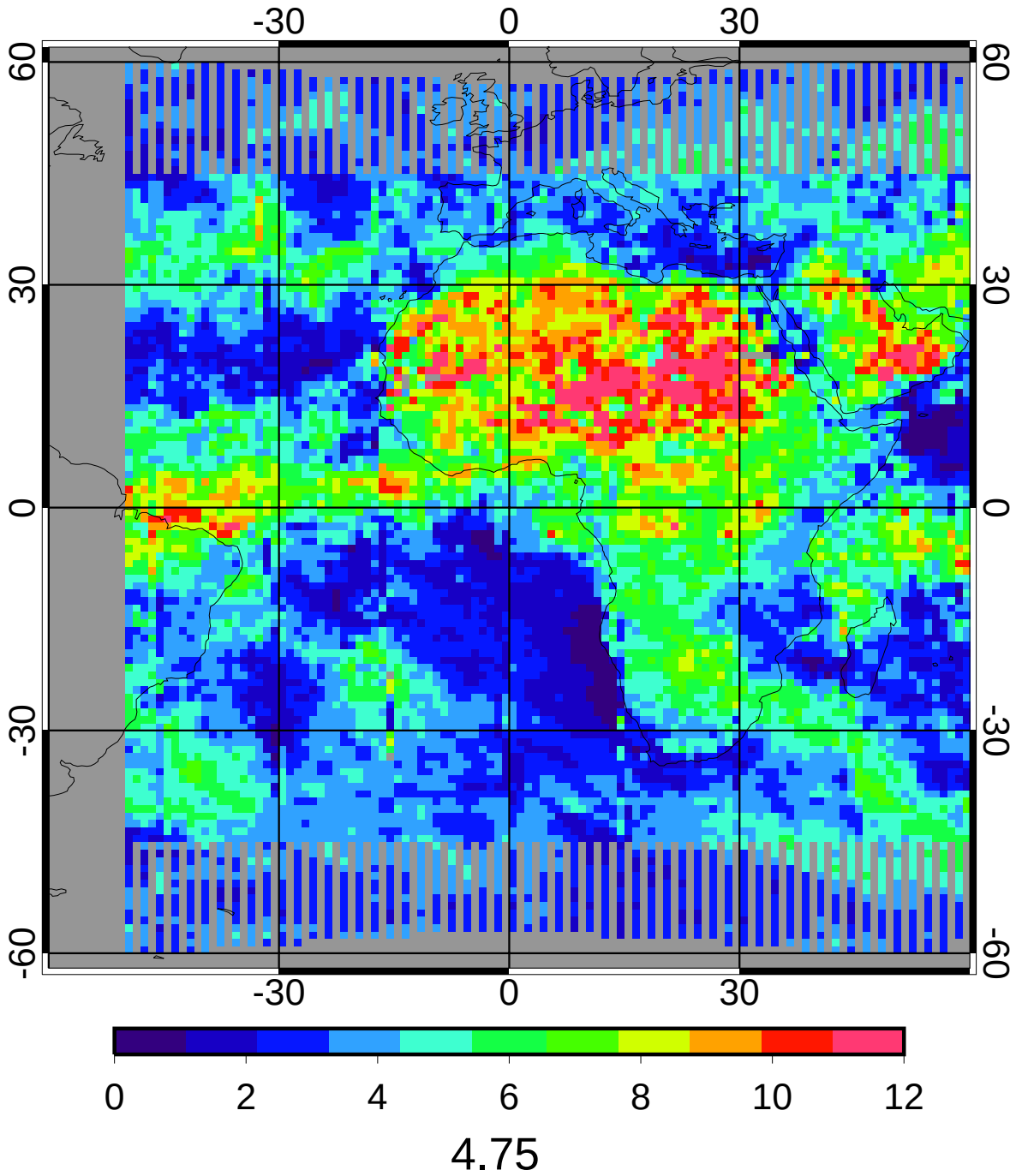
GGEO MEAN Daytime Cloud Eff Height (km)

5ch Apr 2010 (lapse rate)



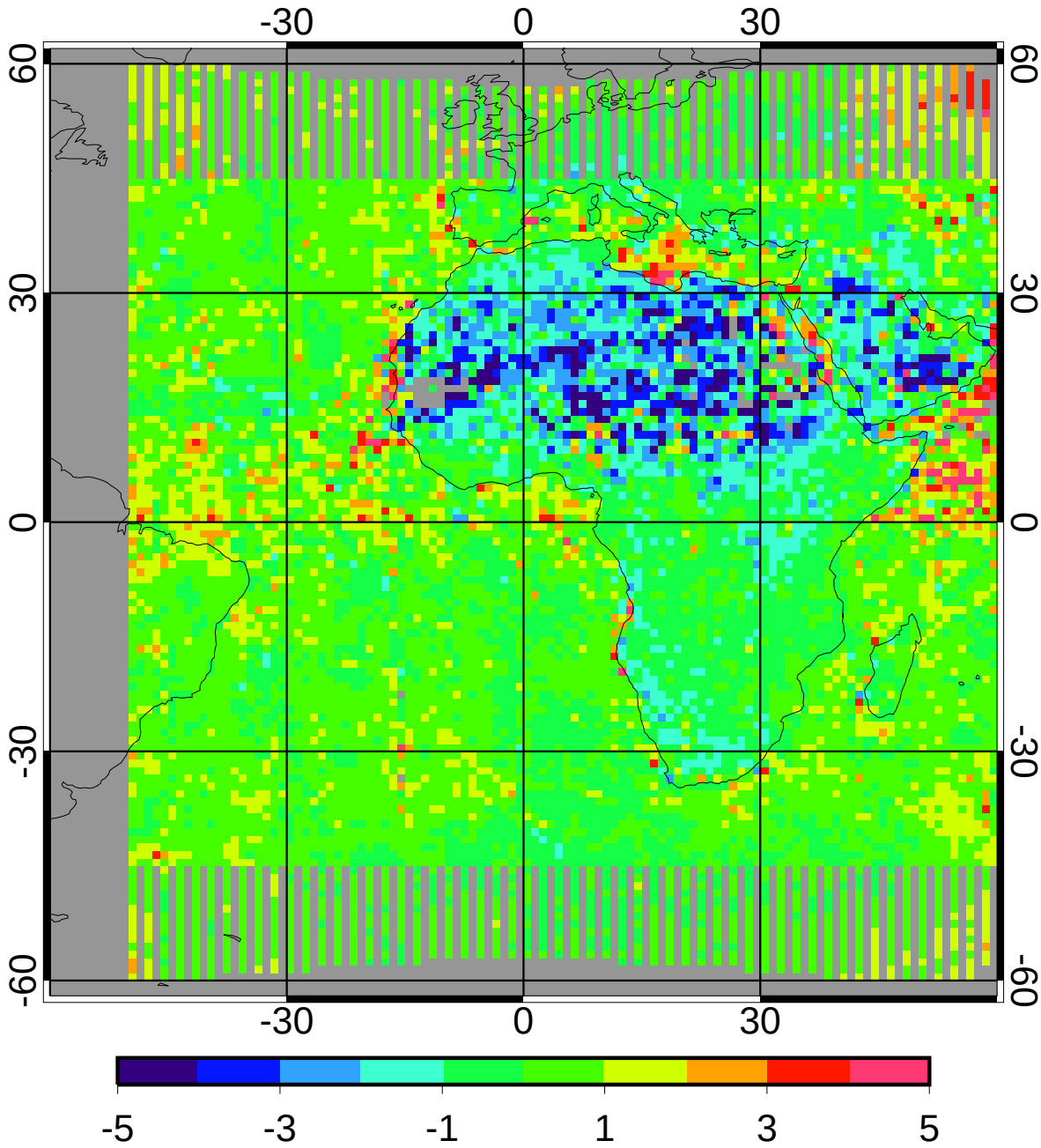
CERES/Aqua MEAN Daytime Cloud Eff Height (km)

5ch Apr 2010 (lapse rate)



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

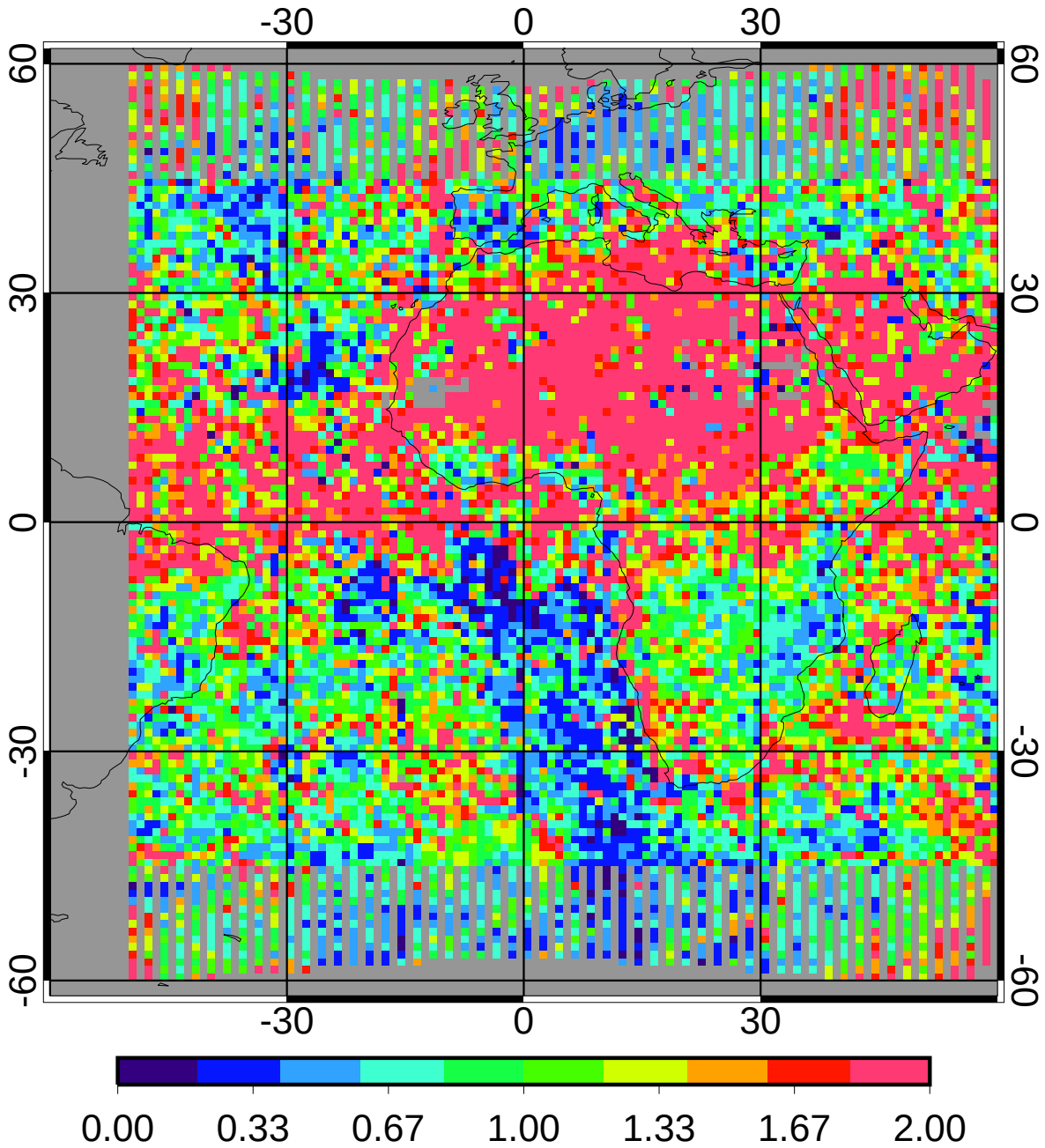
5ch Apr 2010 (lapse rate)



bias	0.03	0.60%
domain sigma	1.22	25.75%

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

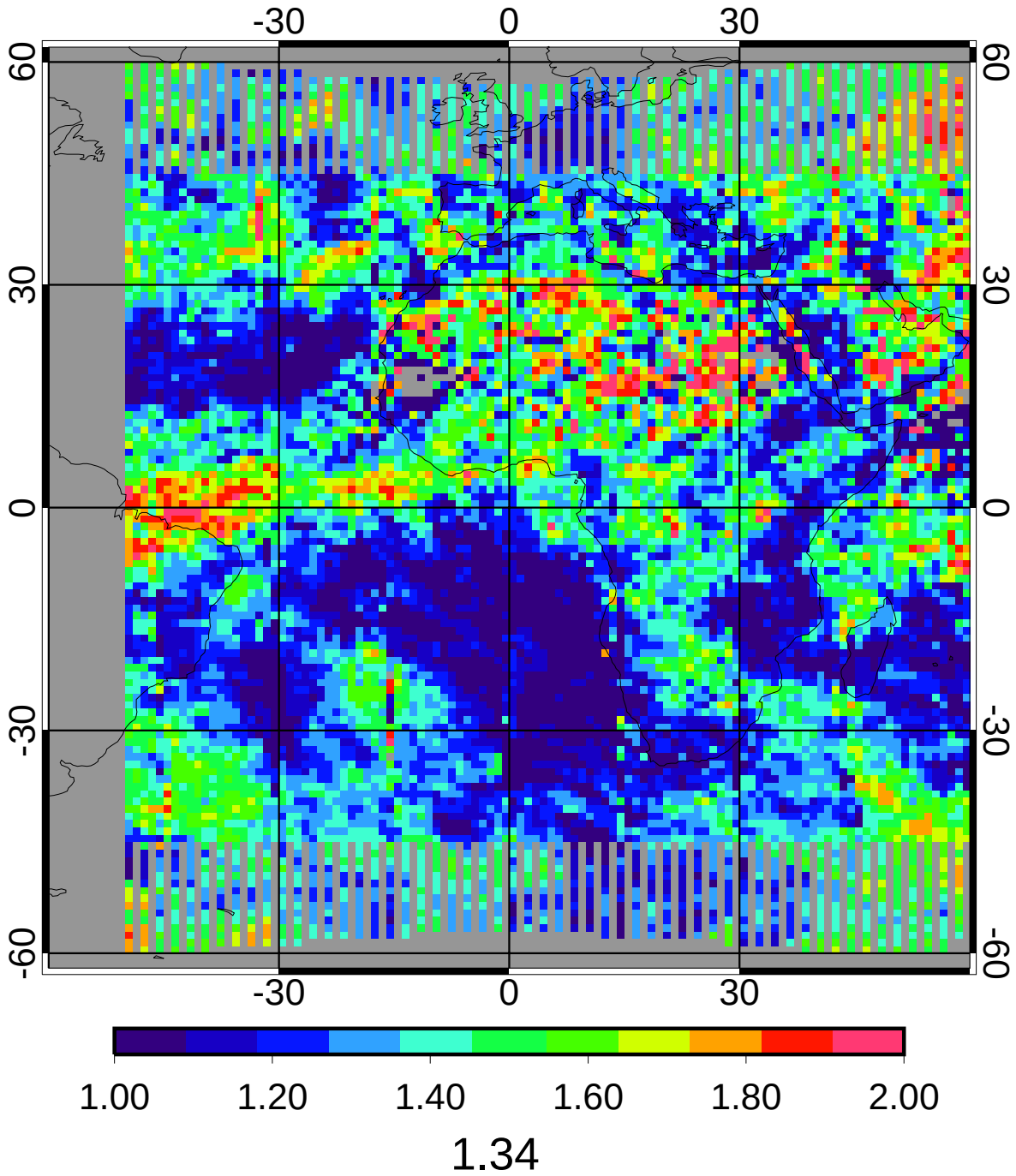
5ch Apr 2010 (lapse rate)



regave rms	1.47	30.93%
domain rms	1.54	32.35%

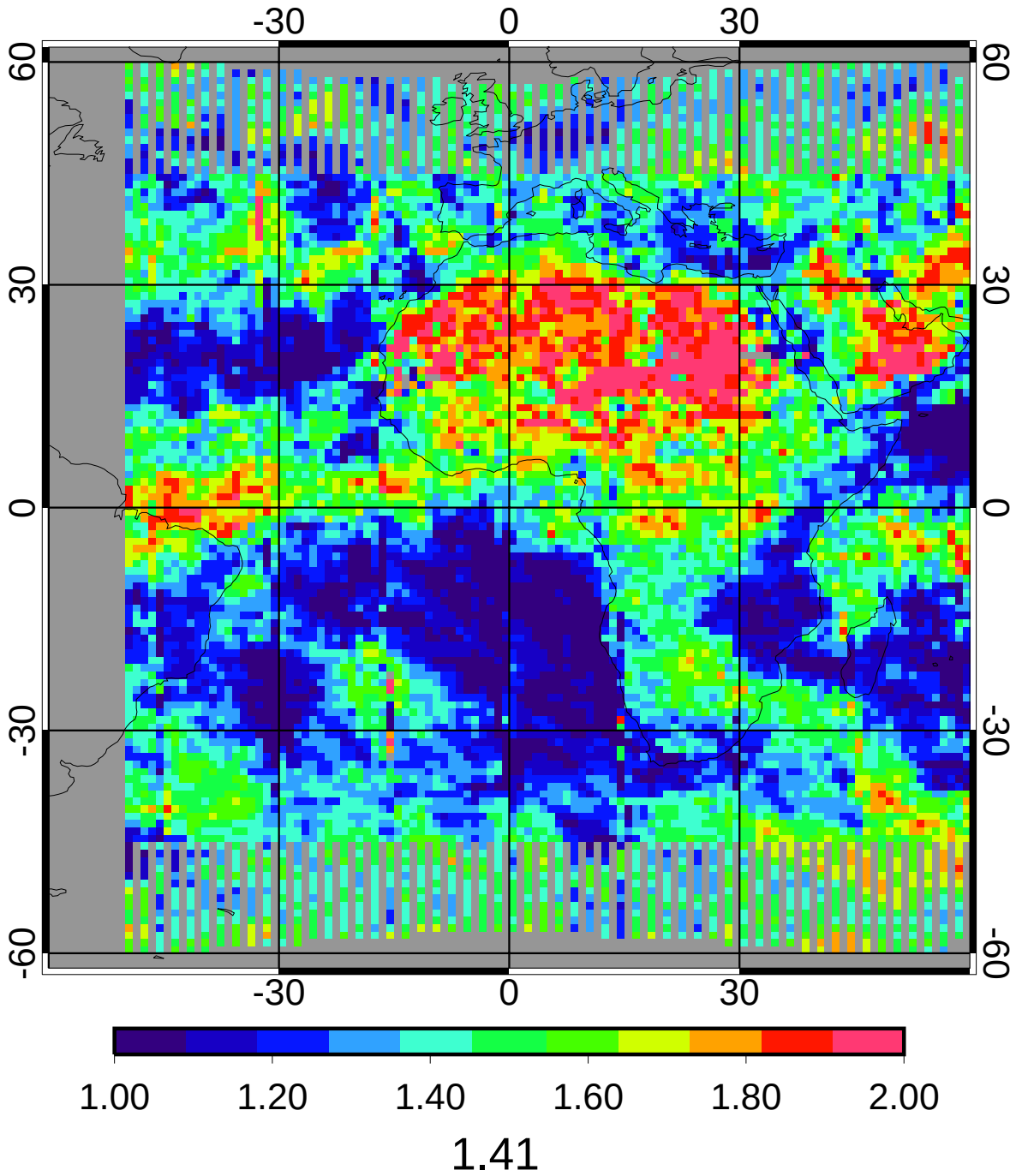
GGEO MEAN Daytime Cloud Phase

5ch Apr 2010 (lapse rate)



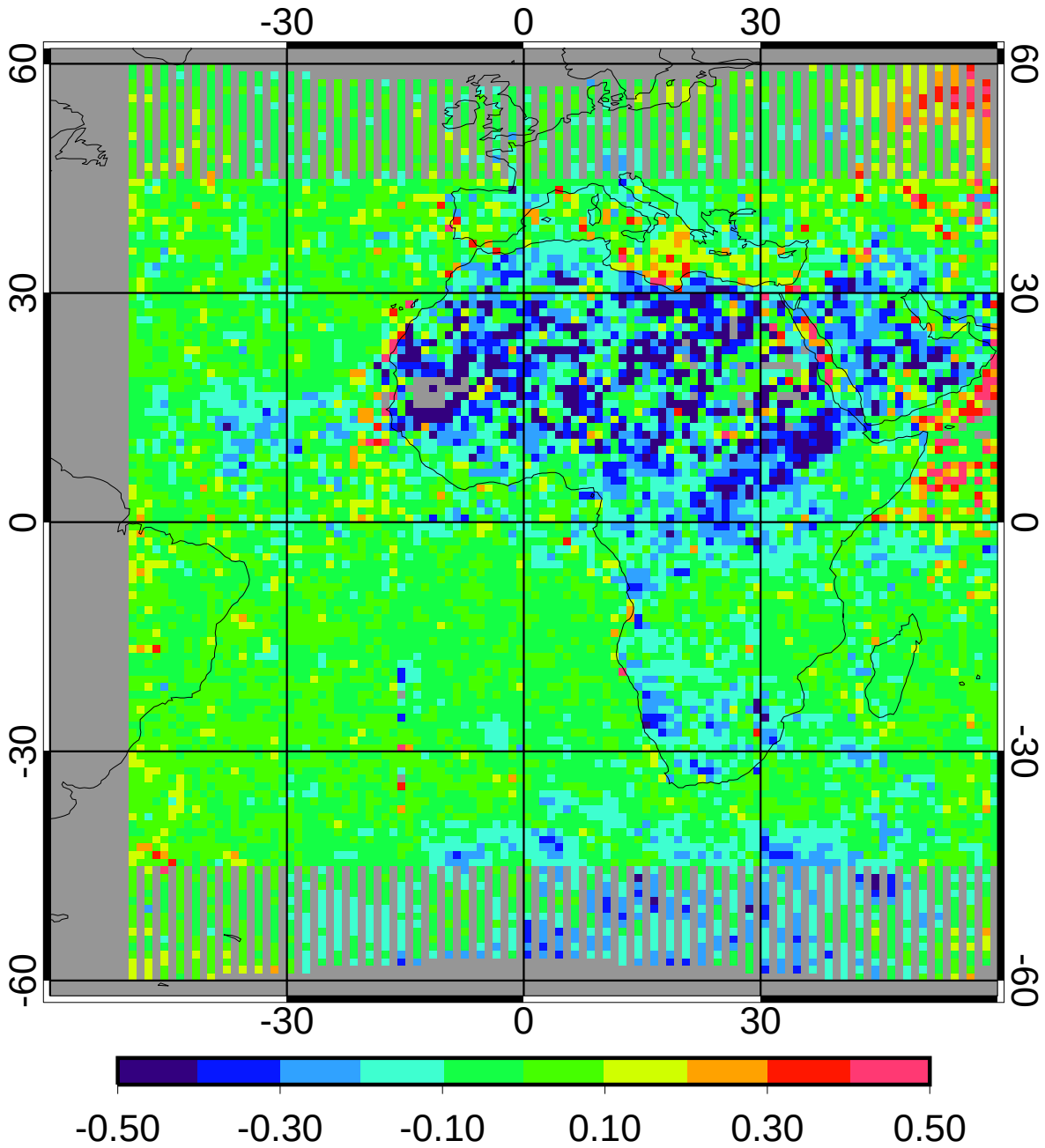
CERES/Aqua MEAN Daytime Cloud Phase

5ch Apr 2010 (lapse rate)



GGEO - CERES/Aqua Daytime Cloud Phase Bias

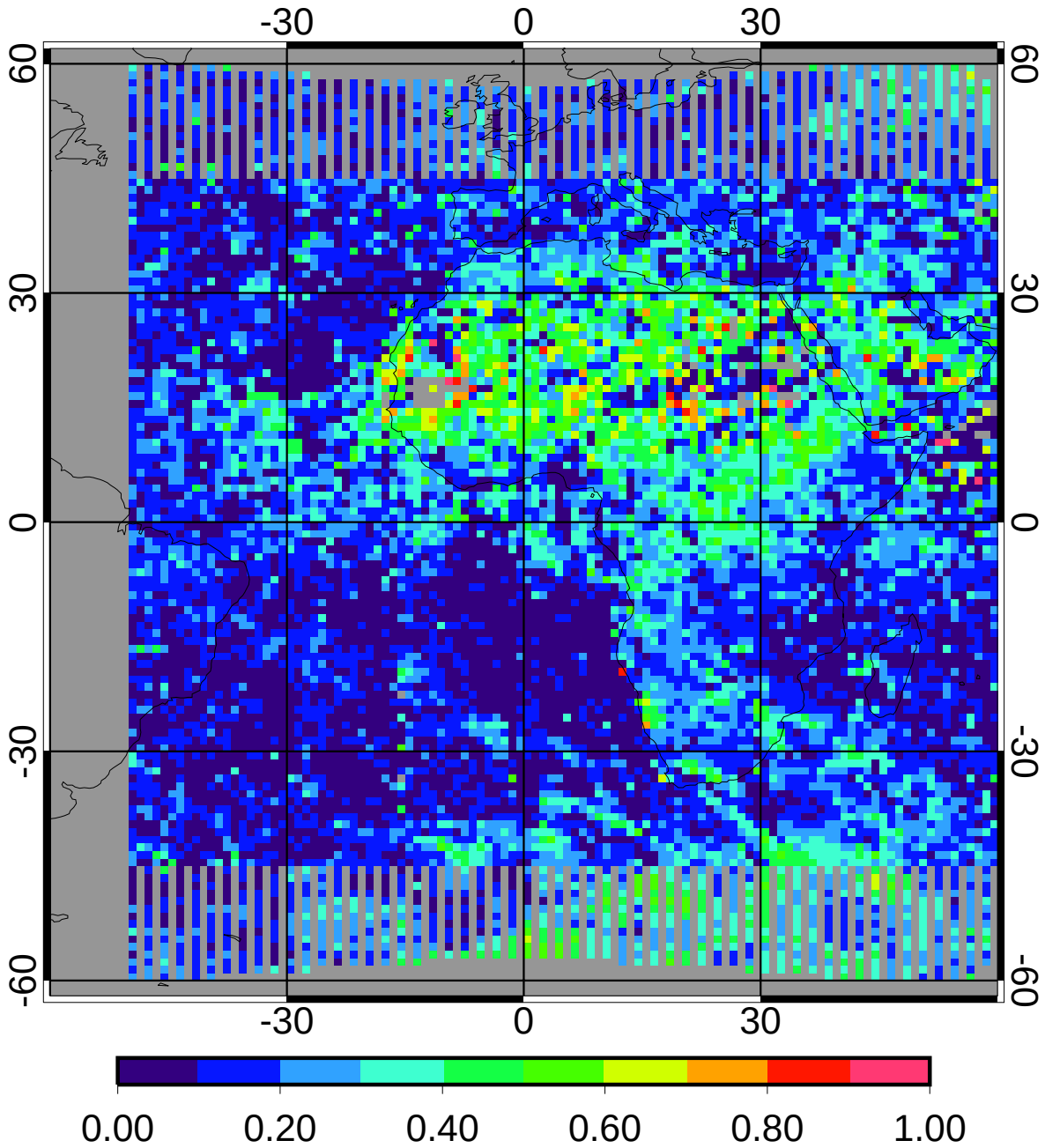
5ch Apr 2010 (lapse rate)



bias	-0.06	-4.19%
domain sigma	0.13	9.60%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

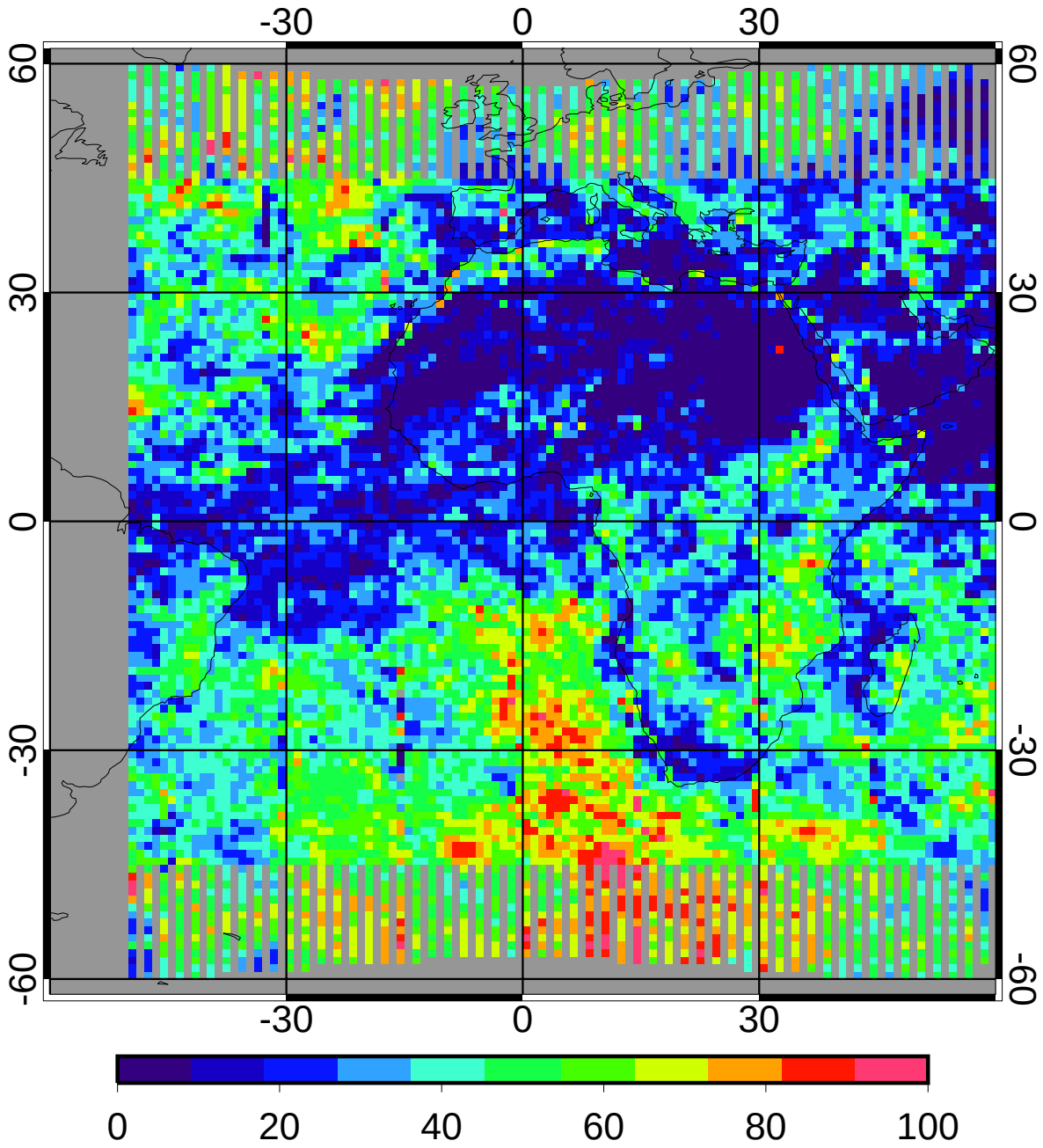
5ch Apr 2010 (lapse rate)



regave rms	0.20	14.23%
domain rms	0.21	15.25%

GGEO MEAN Daytime Liquid Cld Amt (%)

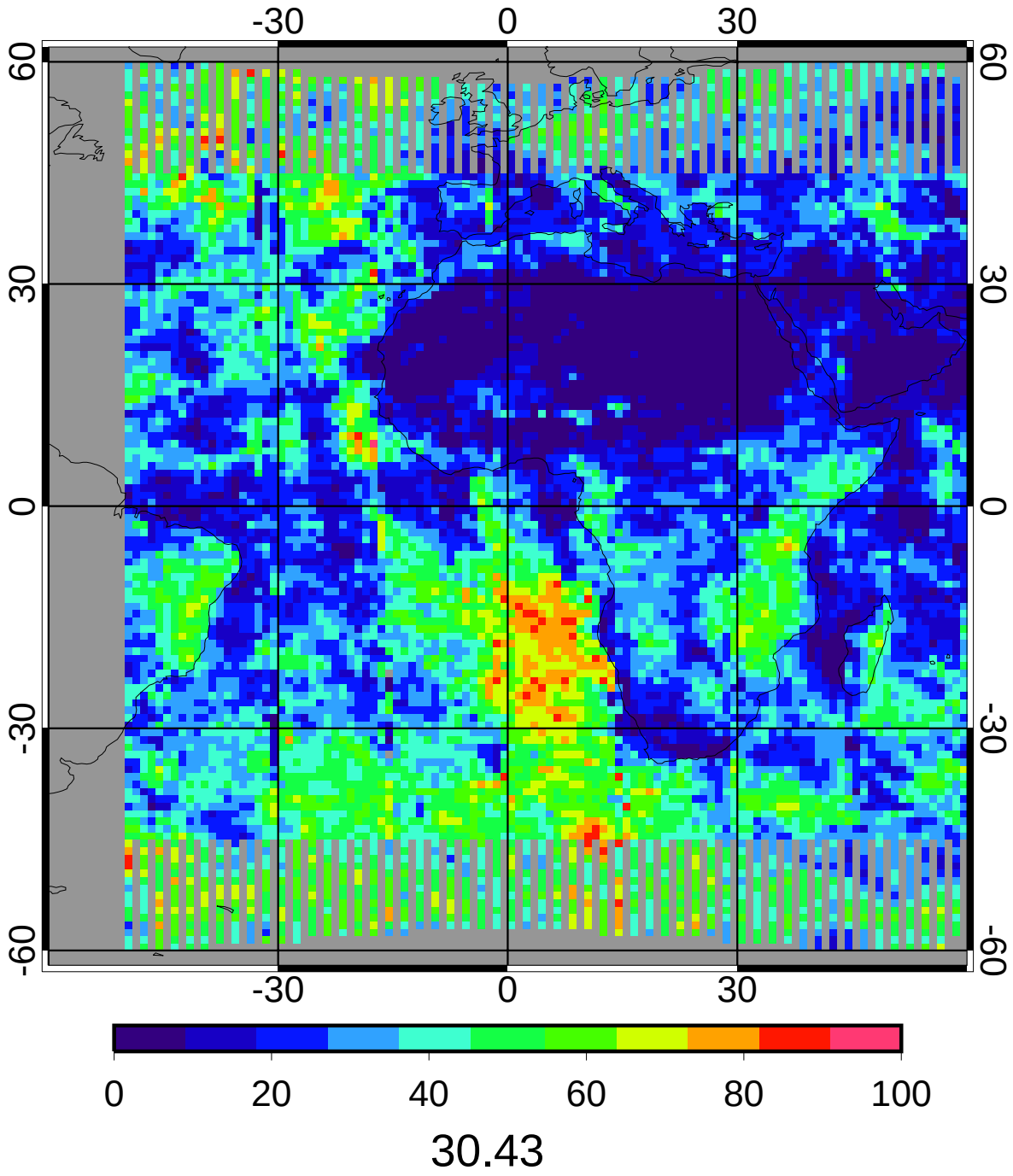
5ch Apr 2010 (lapse rate)



35.13

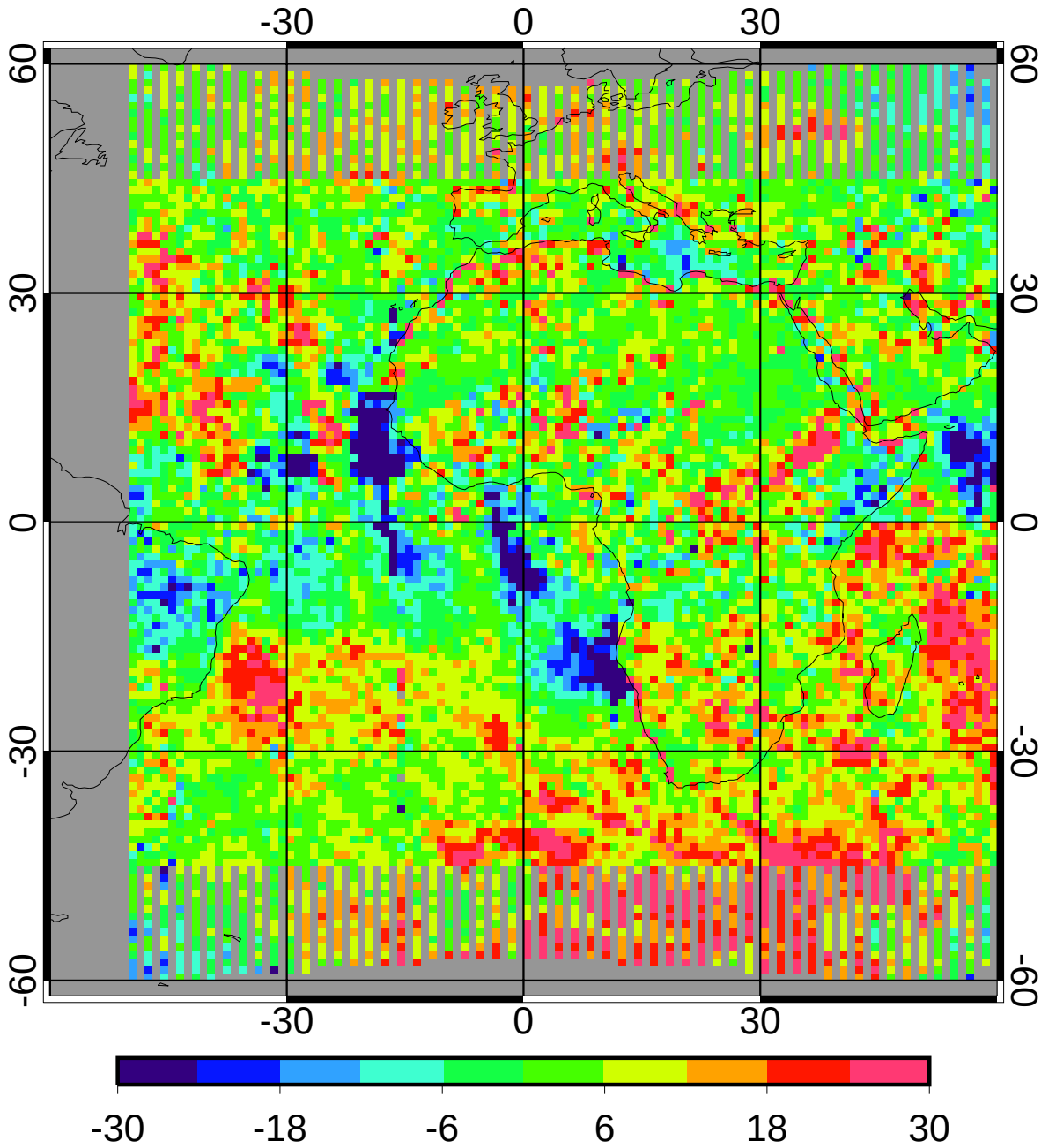
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch Apr 2010 (lapse rate)



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

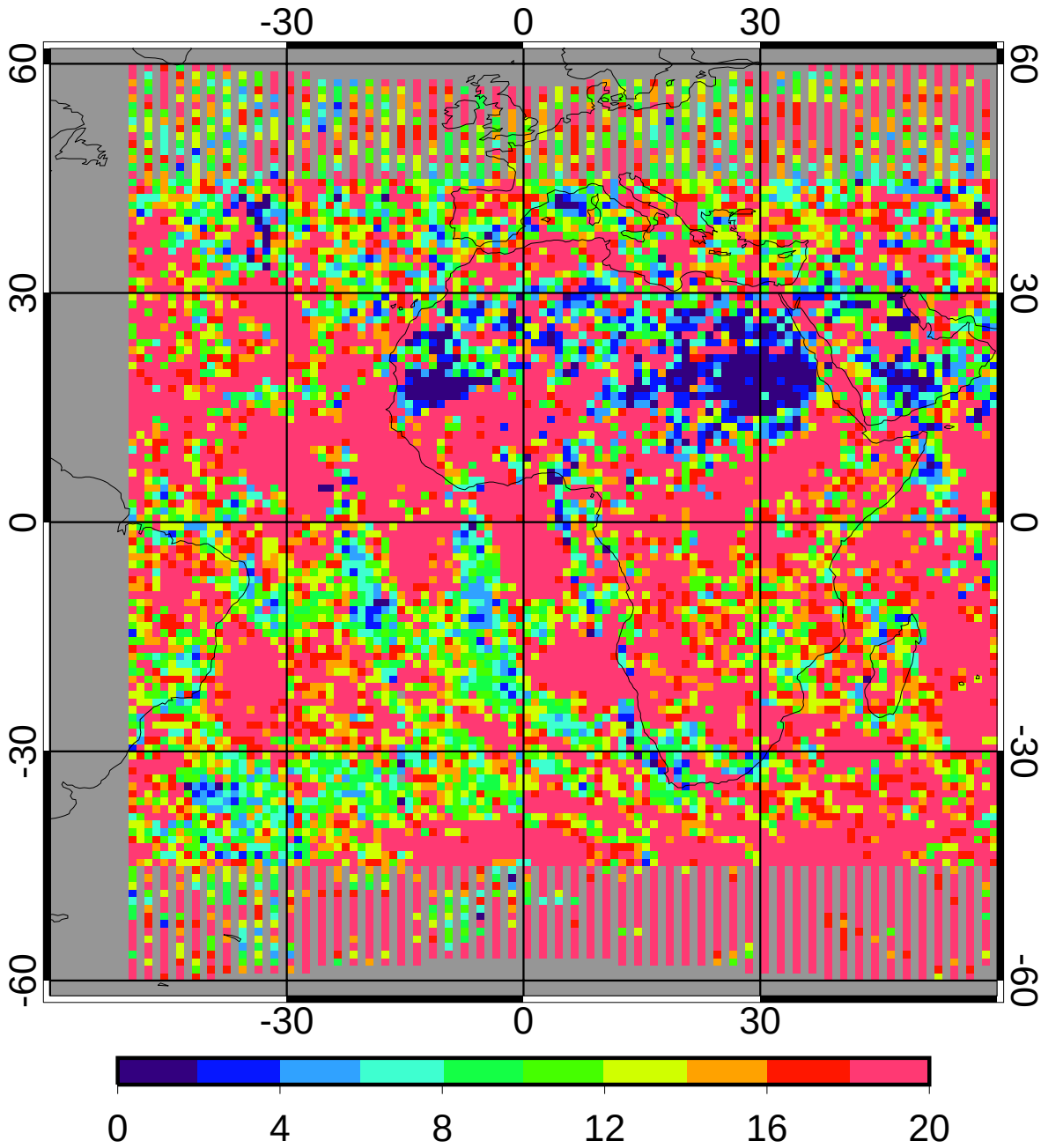
5ch Apr 2010 (lapse rate)



bias	4.70	15.44%
domain sigma	10.38	34.10%

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

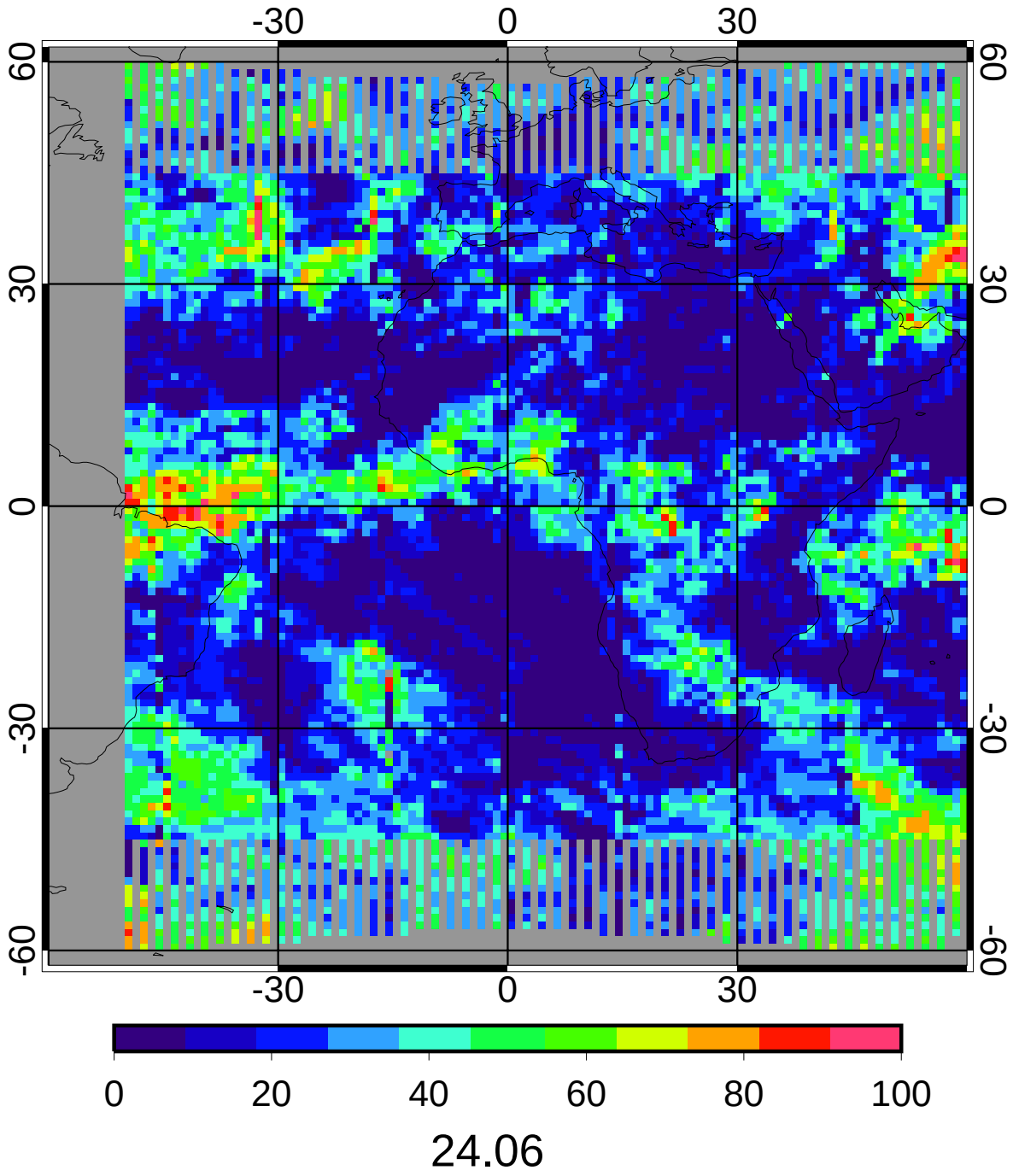
5ch Apr 2010 (lapse rate)



regave rms	18.50	60.79%
domain rms	19.94	65.53%

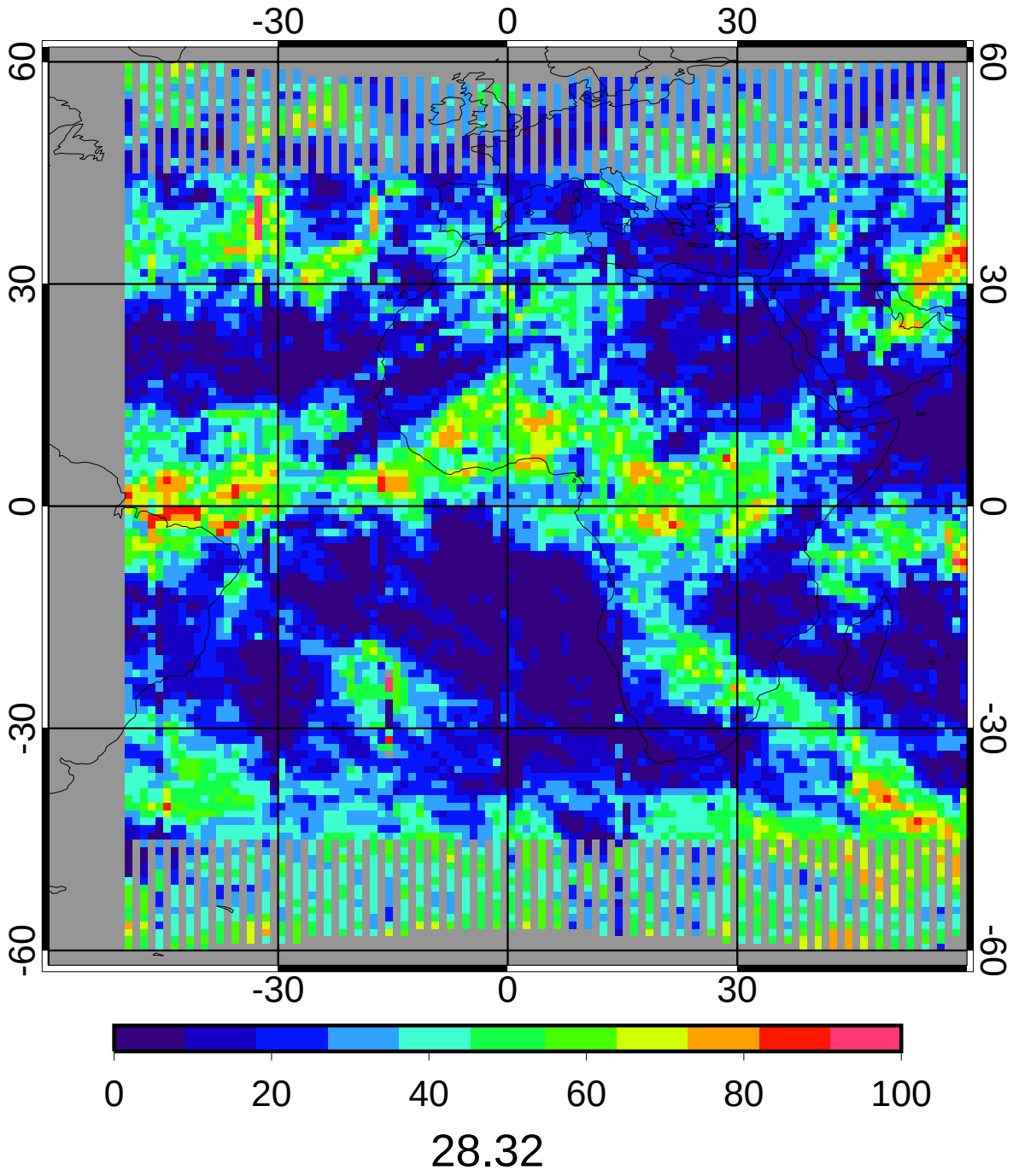
GGEO MEAN Daytime Ice Cld Amt (%)

5ch Apr 2010 (lapse rate)



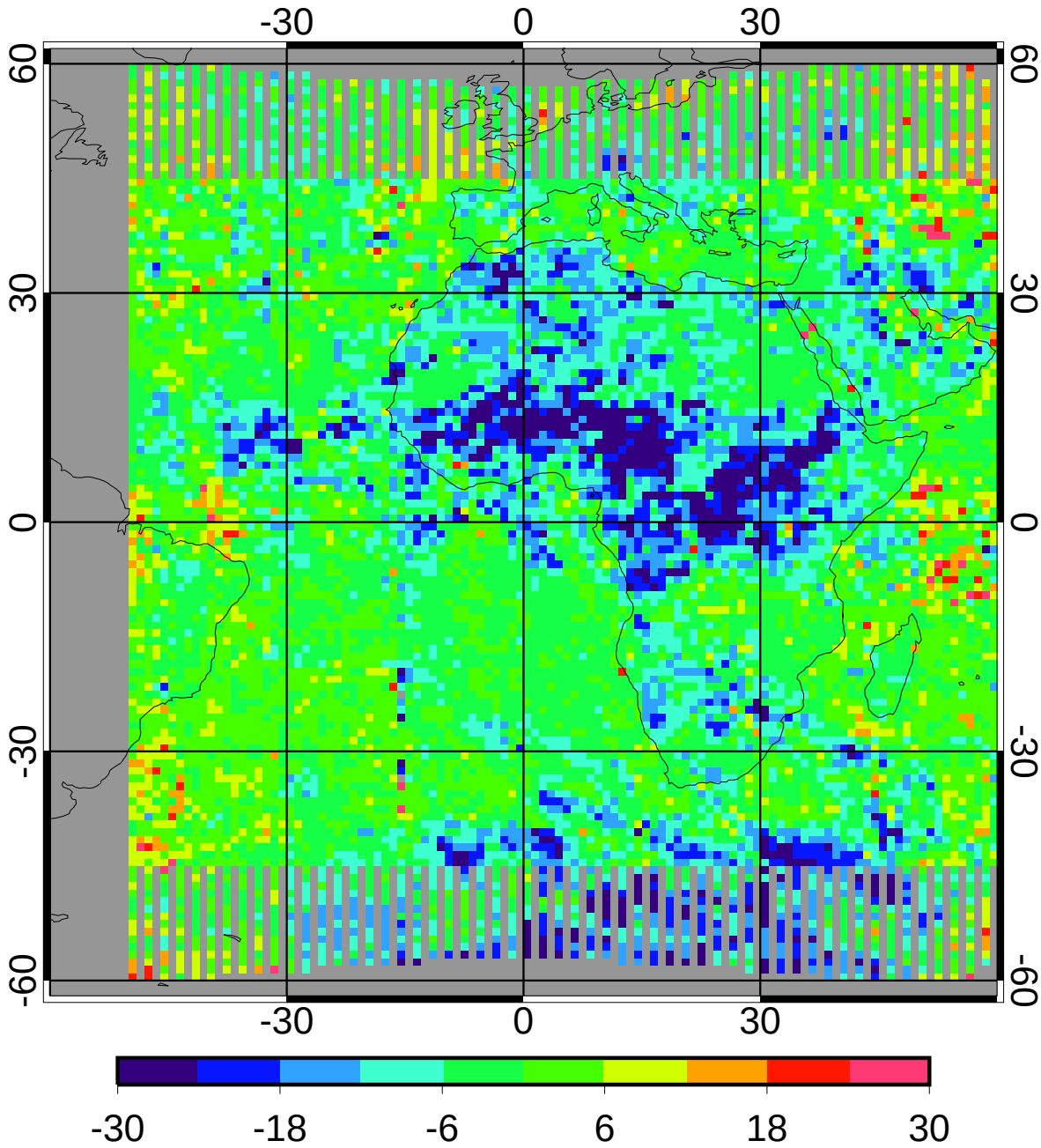
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch Apr 2010 (lapse rate)



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

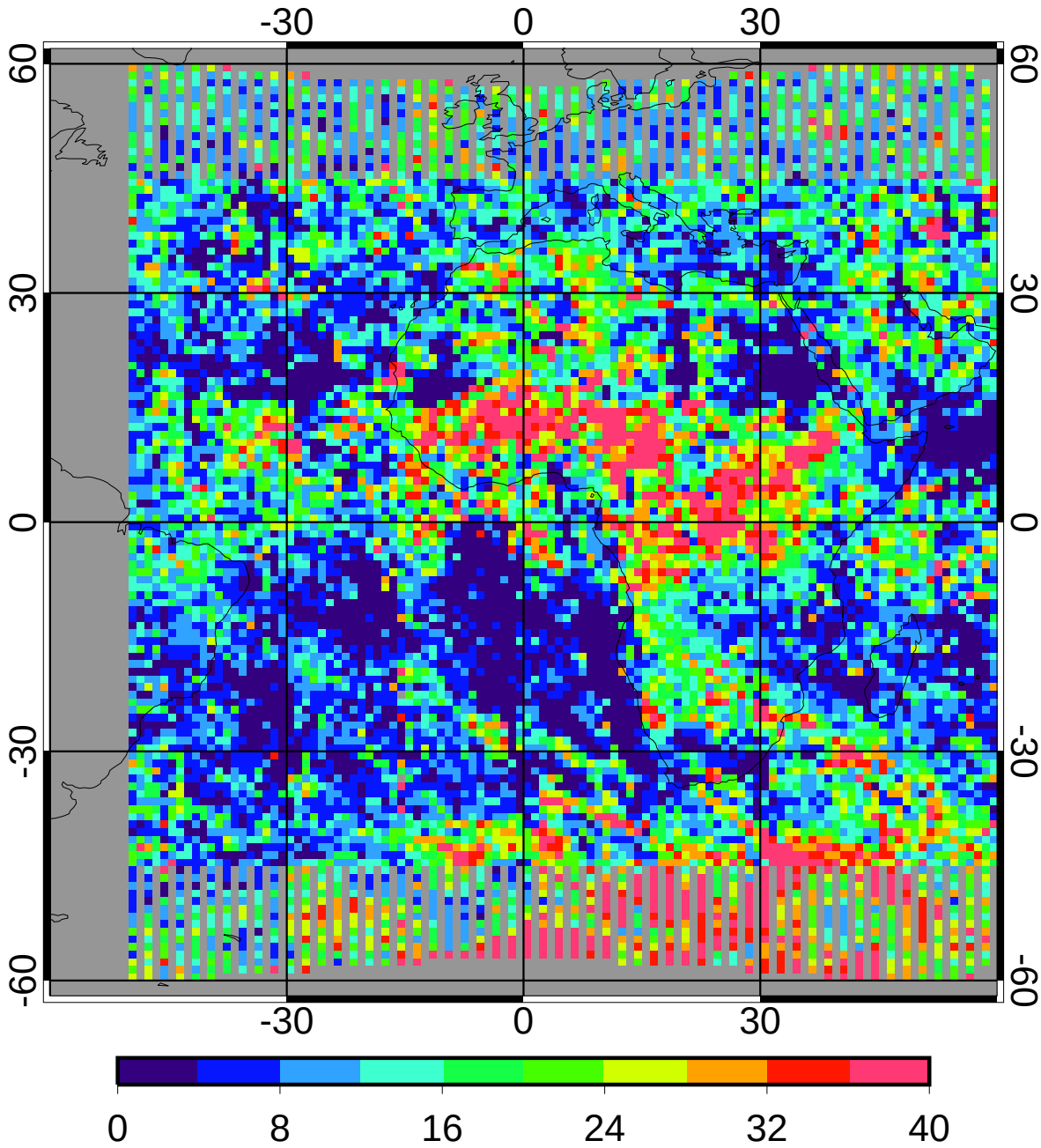
5ch Apr 2010 (lapse rate)



bias	-4.26	-15.05%
domain sigma	8.26	29.17%

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

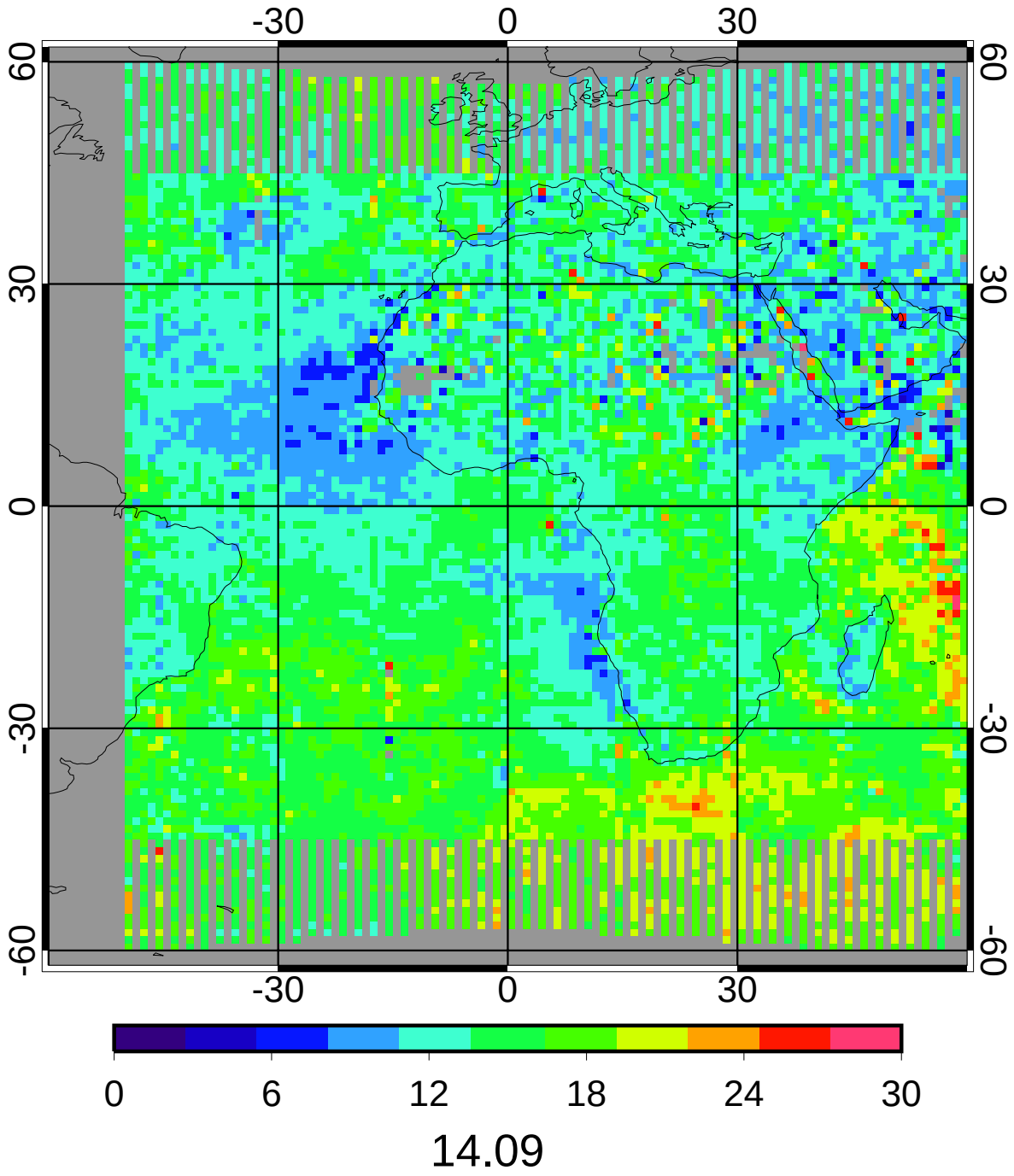
5ch Apr 2010 (lapse rate)



regave rms	13.94	49.21%
domain rms	16.47	58.17%

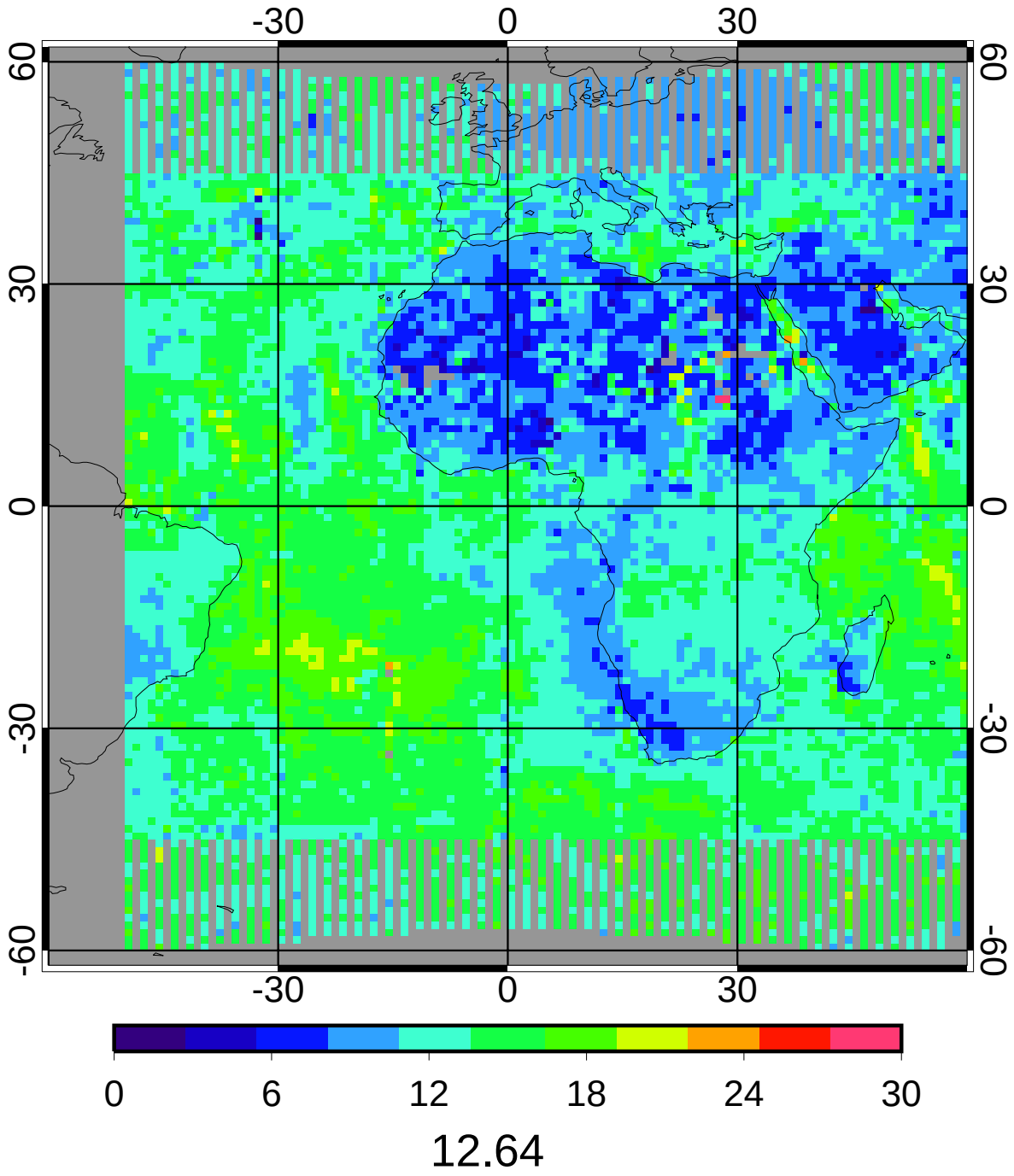
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch Apr 2010 (lapse rate)



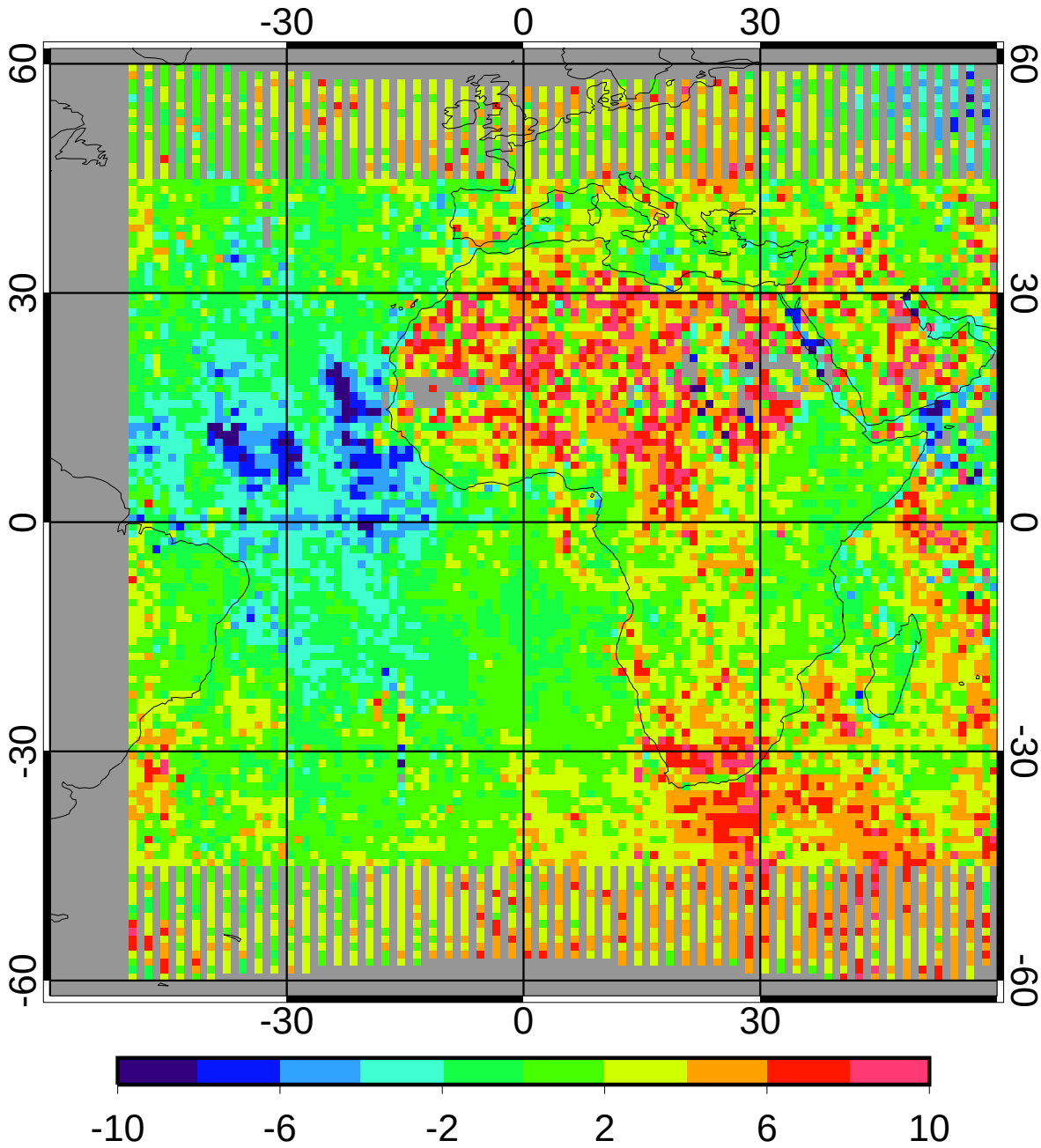
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch Apr 2010 (lapse rate)



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

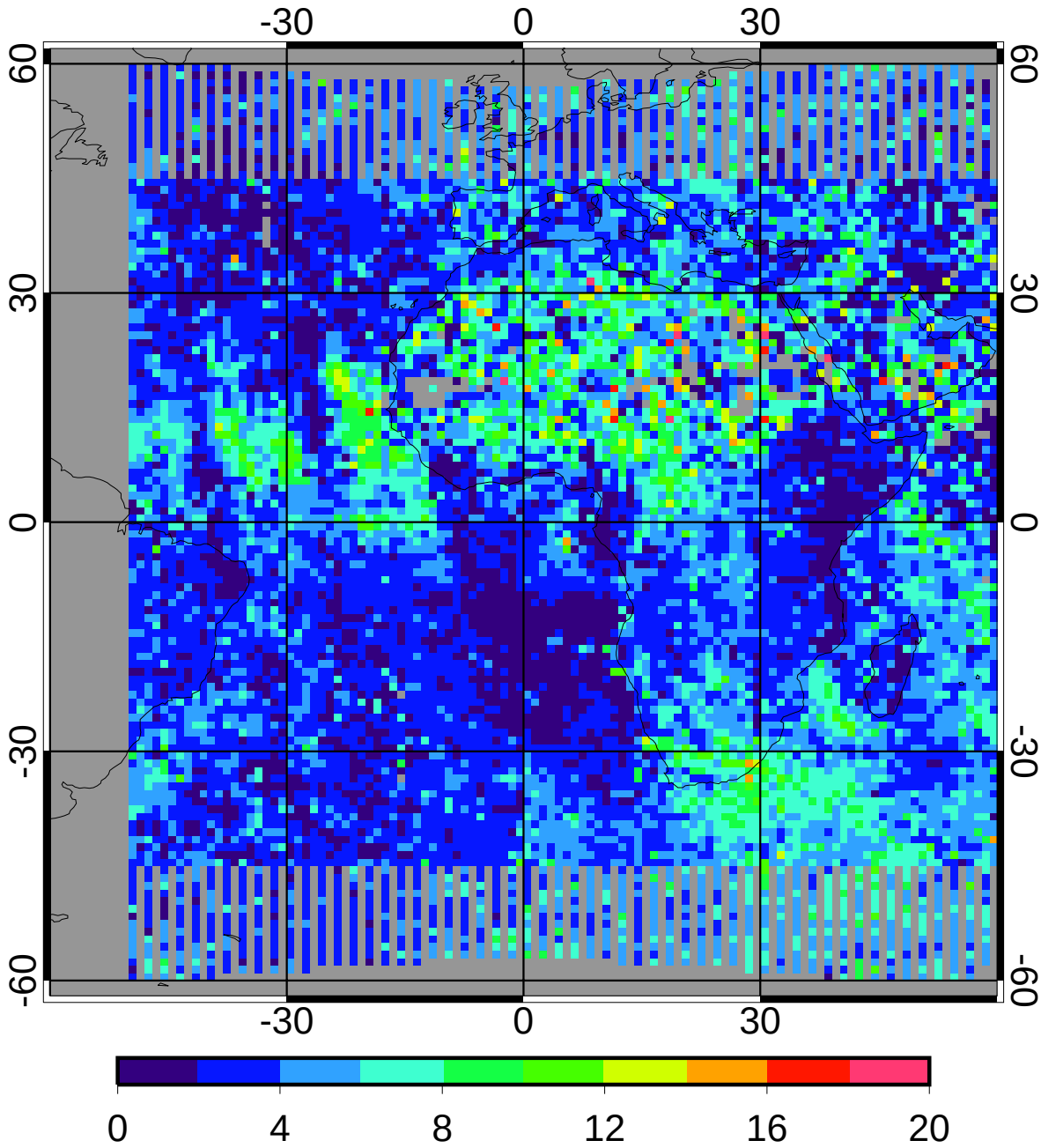
5ch Apr 2010 (lapse rate)



bias	1.52	12.03%
domain sigma	2.88	22.76%

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

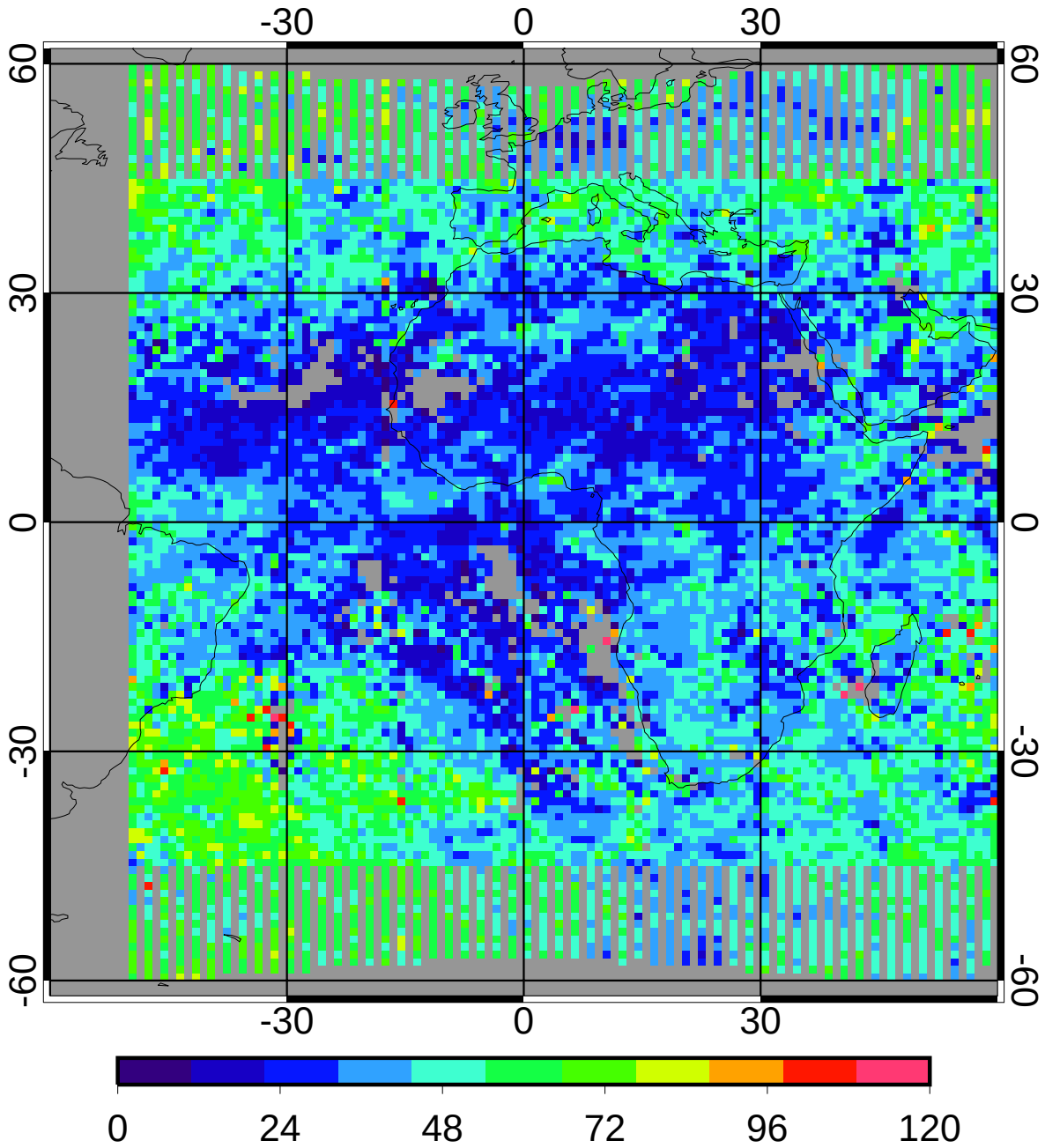
5ch Apr 2010 (lapse rate)



regave rms	4.15	32.82%
domain rms	4.25	33.63%

GGEO MEAN Daytime Ice Particle Size (microns)

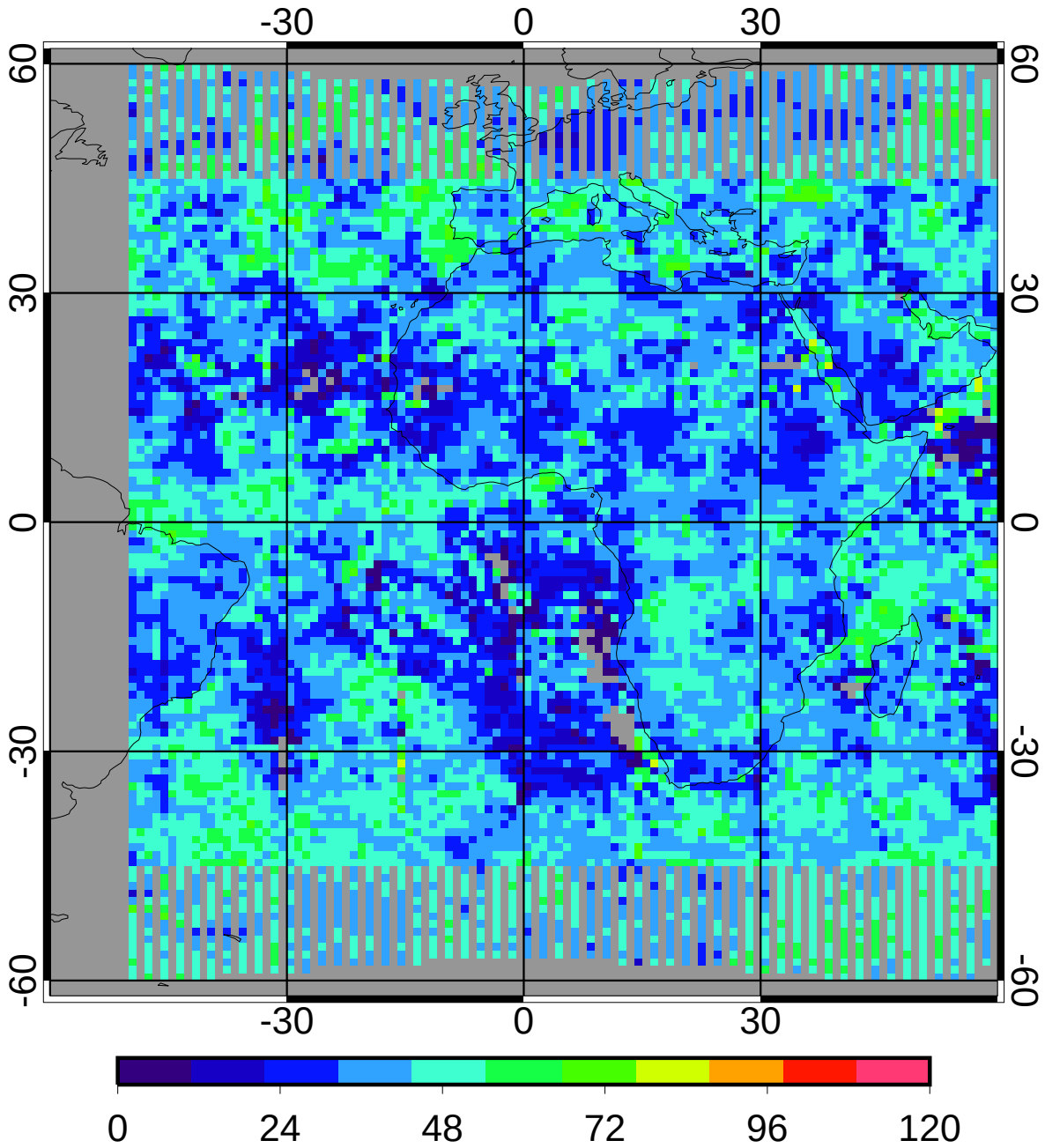
5ch Apr 2010 (lapse rate)



39.87

CERES/Aqua MEAN Daytime Ice Particle Size (microns)

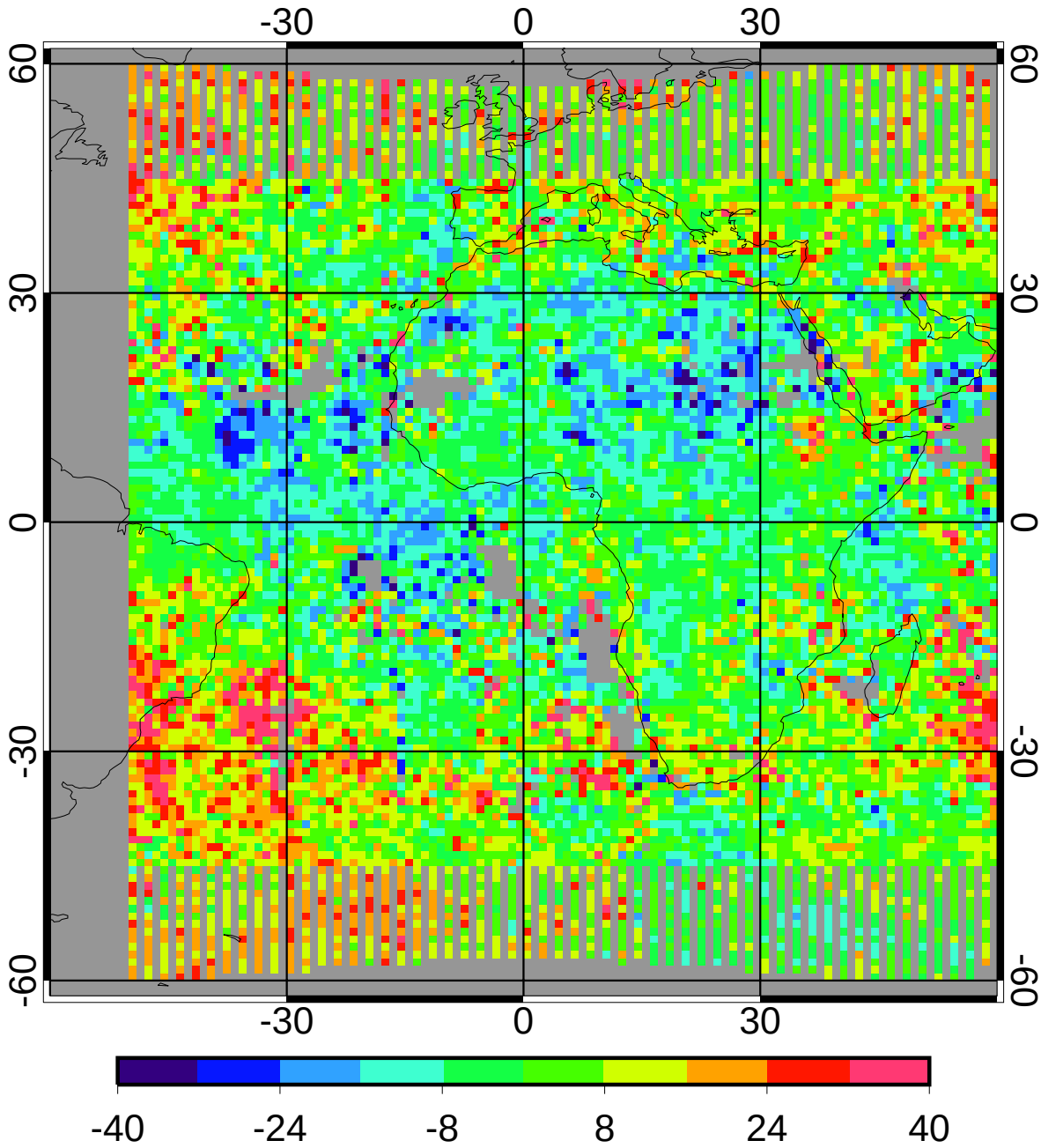
5ch Apr 2010 (lapse rate)



38.66

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

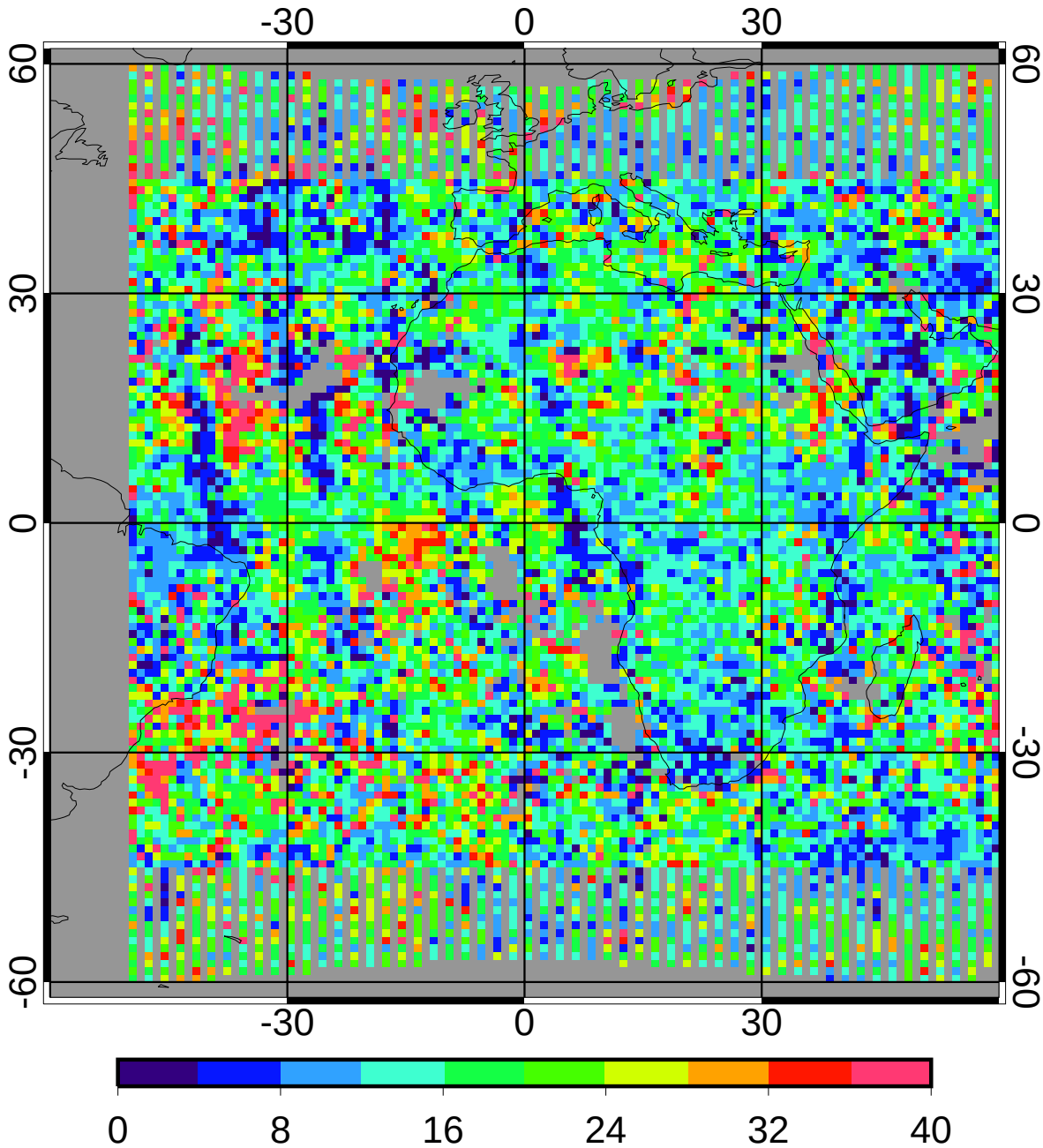
5ch Apr 2010 (lapse rate)



bias	1.84	4.75%
domain sigma	12.41	32.10%

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

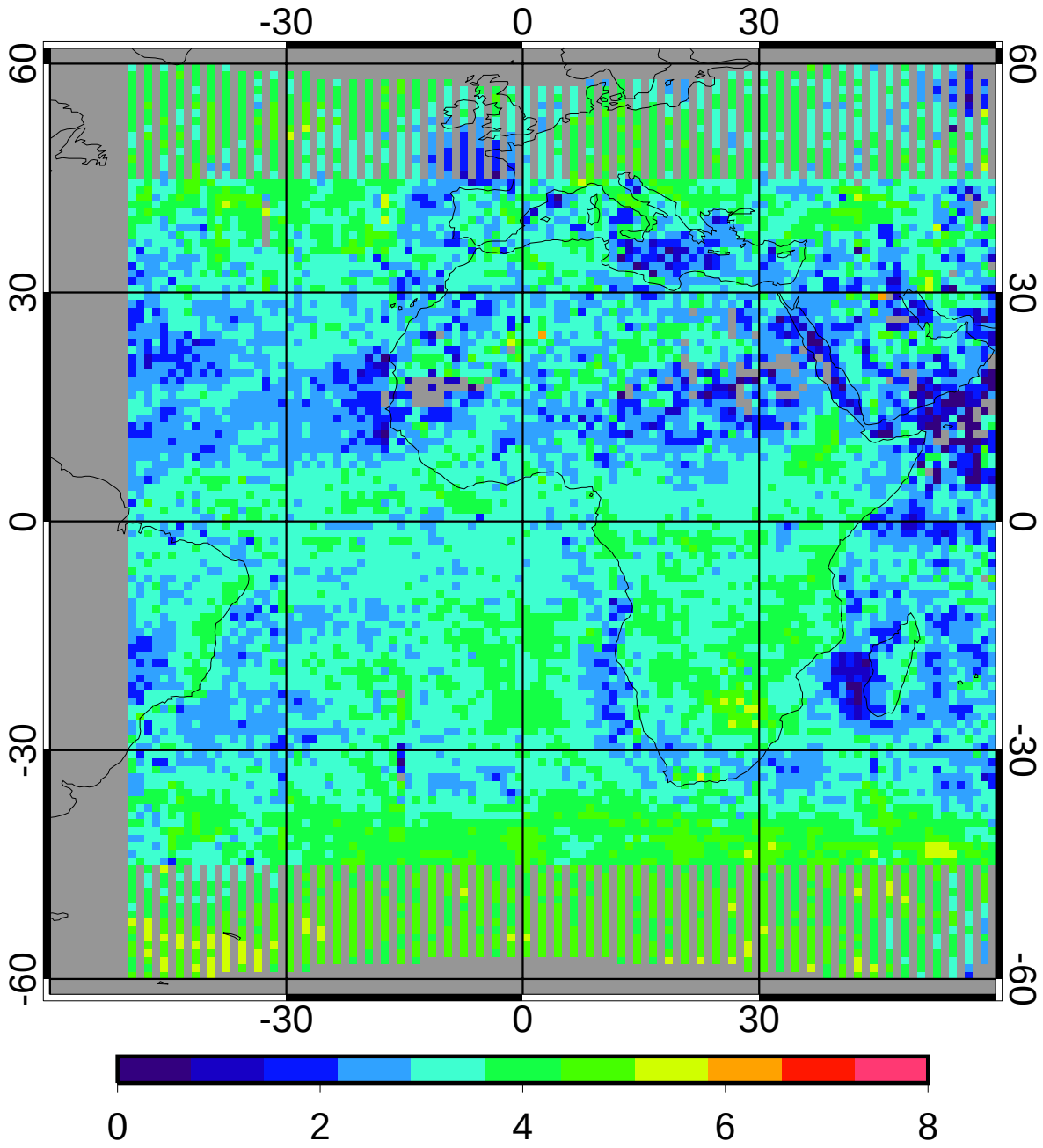
5ch Apr 2010 (lapse rate)



regave rms	16.64	43.05%
domain rms	18.21	47.11%

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

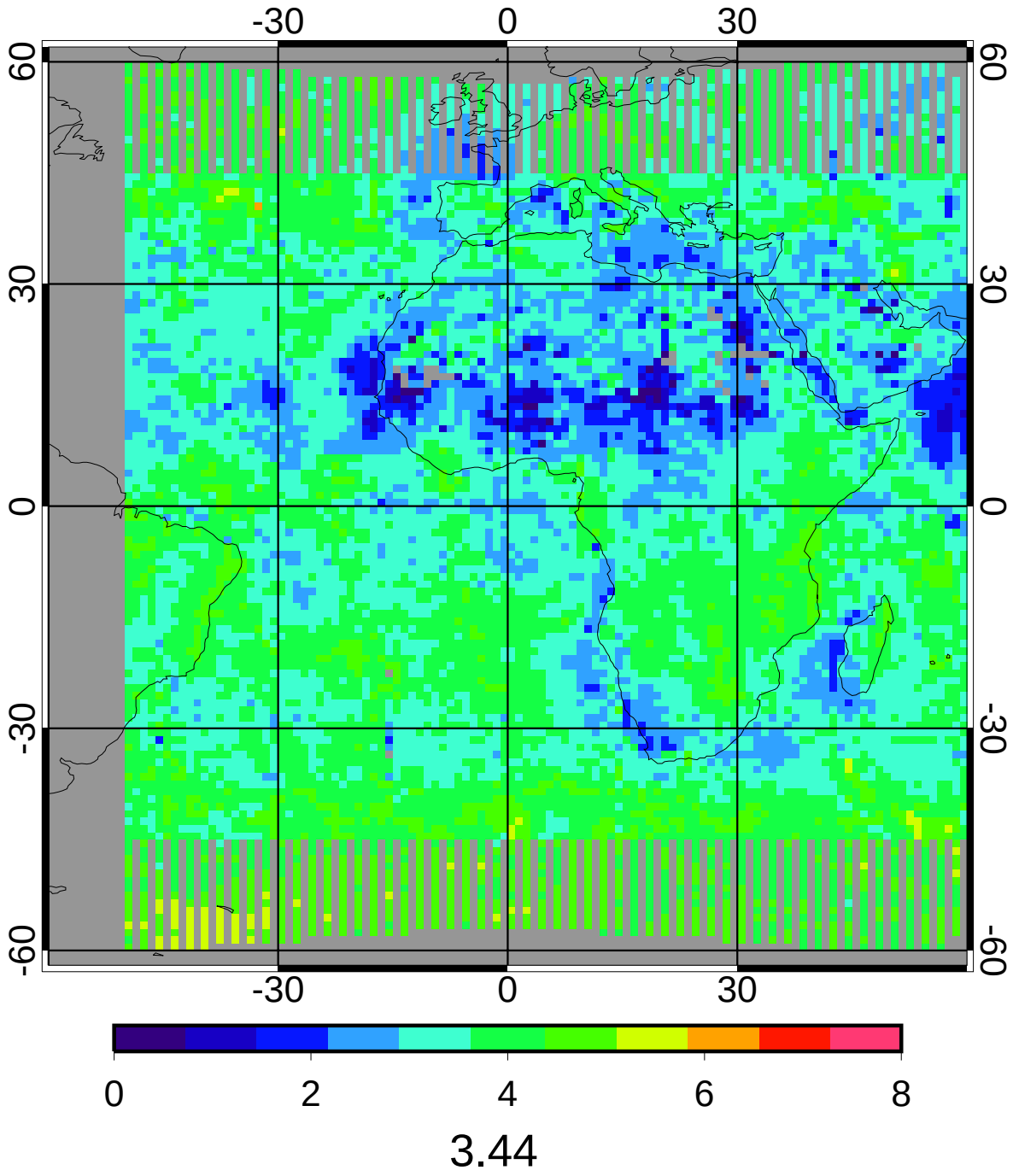
5ch Apr 2010 (lapse rate)



3.18

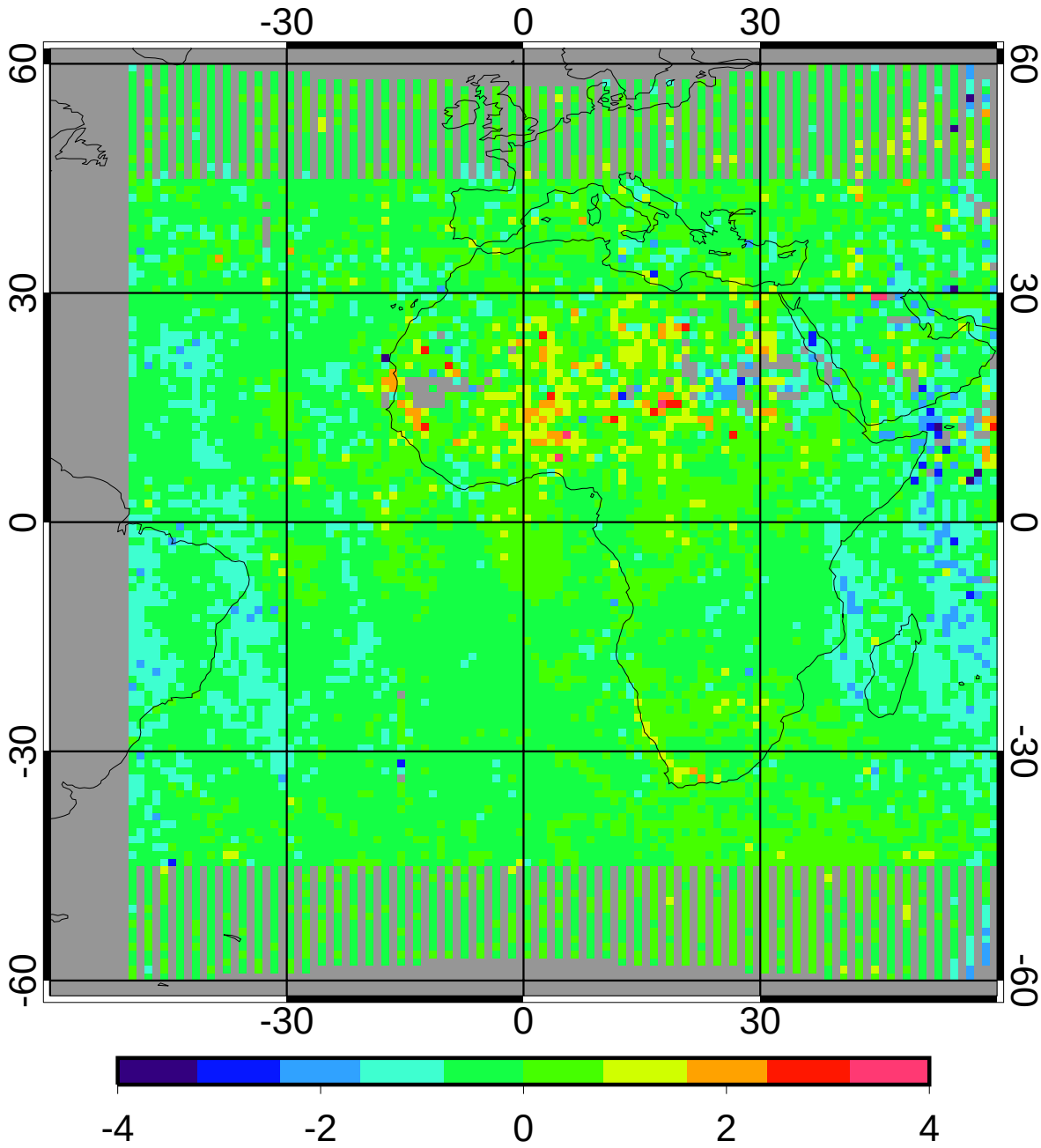
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch Apr 2010 (lapse rate)



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

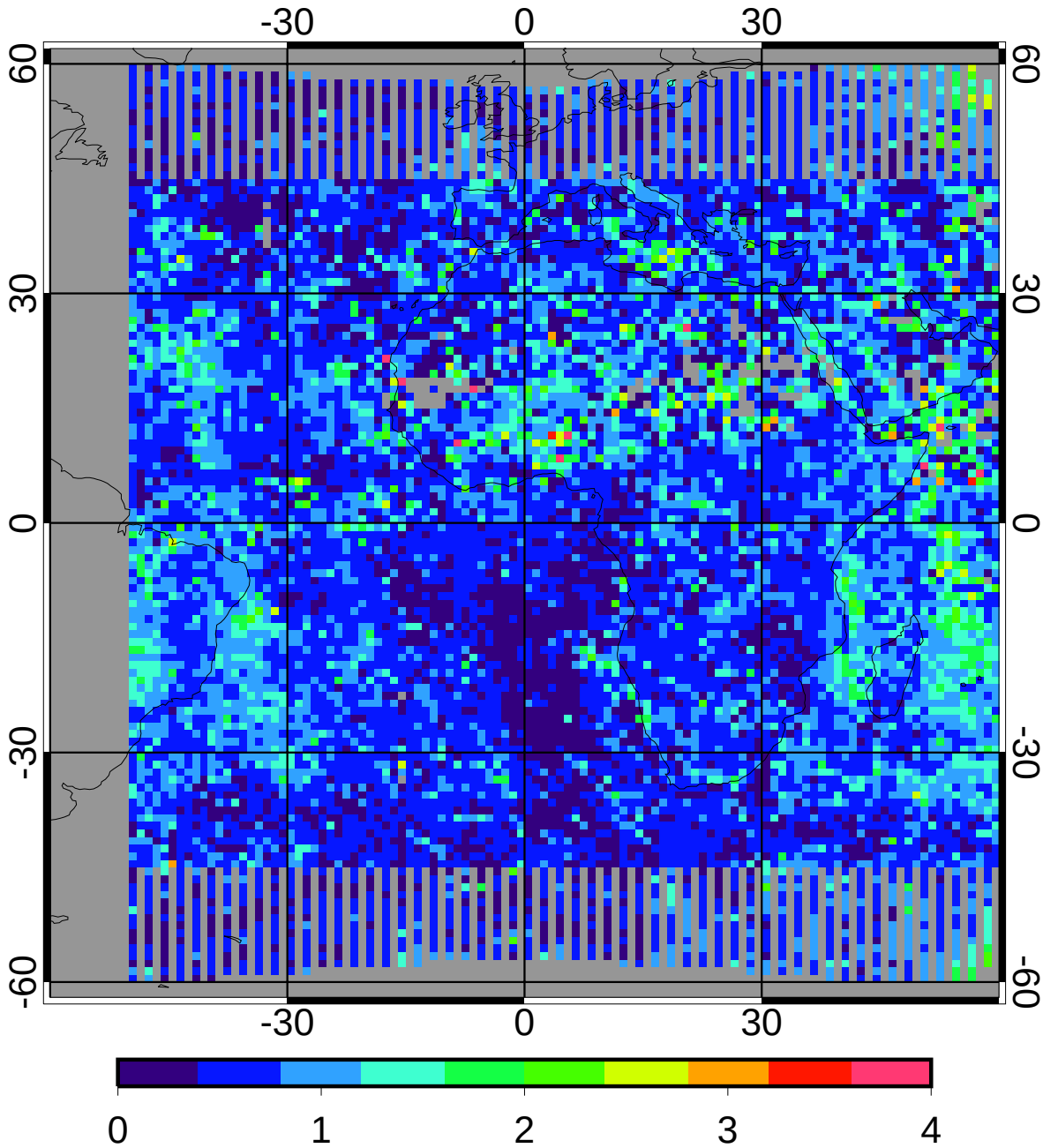
5ch Apr 2010 (lapse rate)



bias	-0.24	-7.05%
domain sigma	0.53	15.34%

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

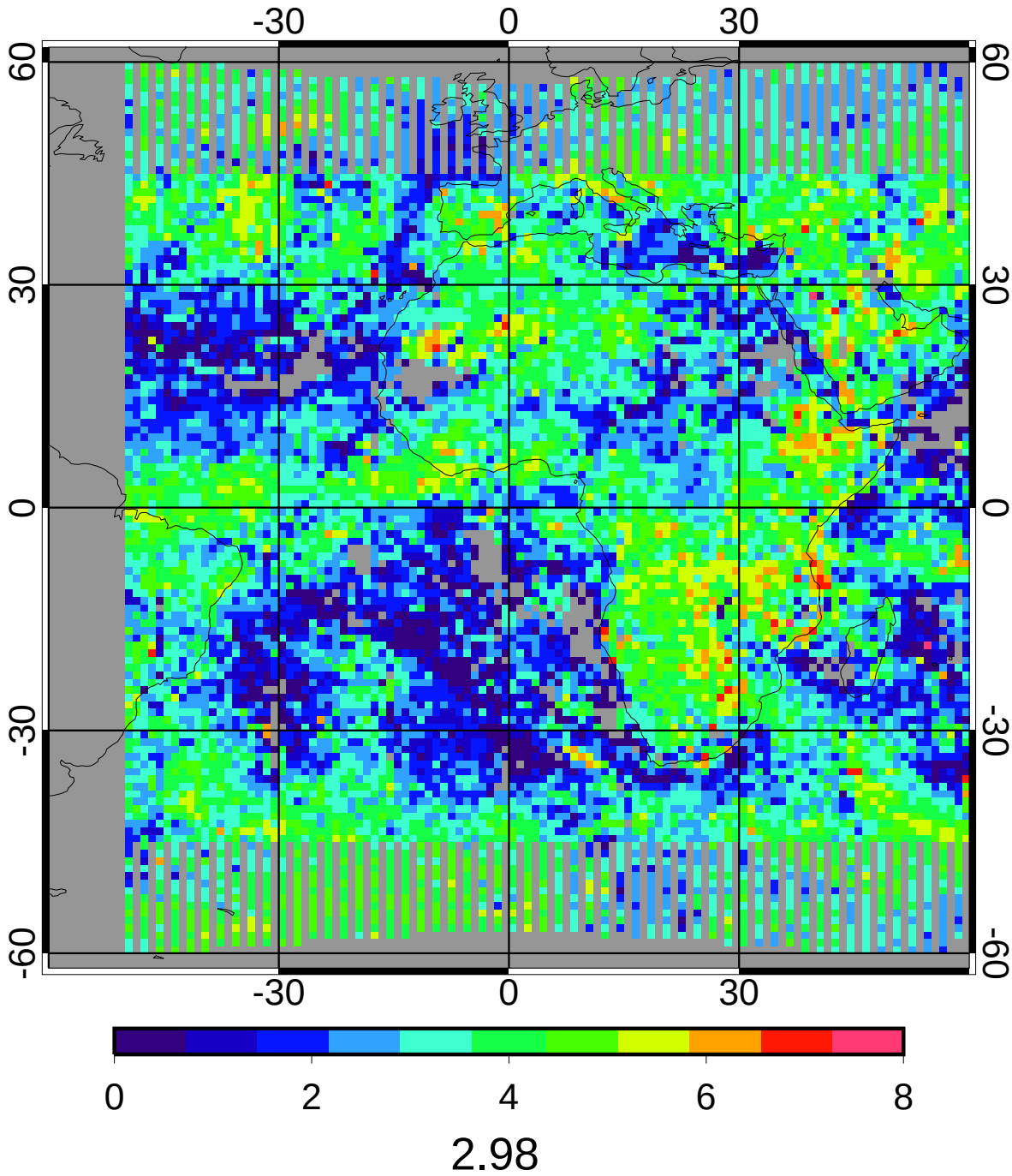
5ch Apr 2010 (lapse rate)



regave rms	0.74	21.62%
domain rms	0.75	21.85%

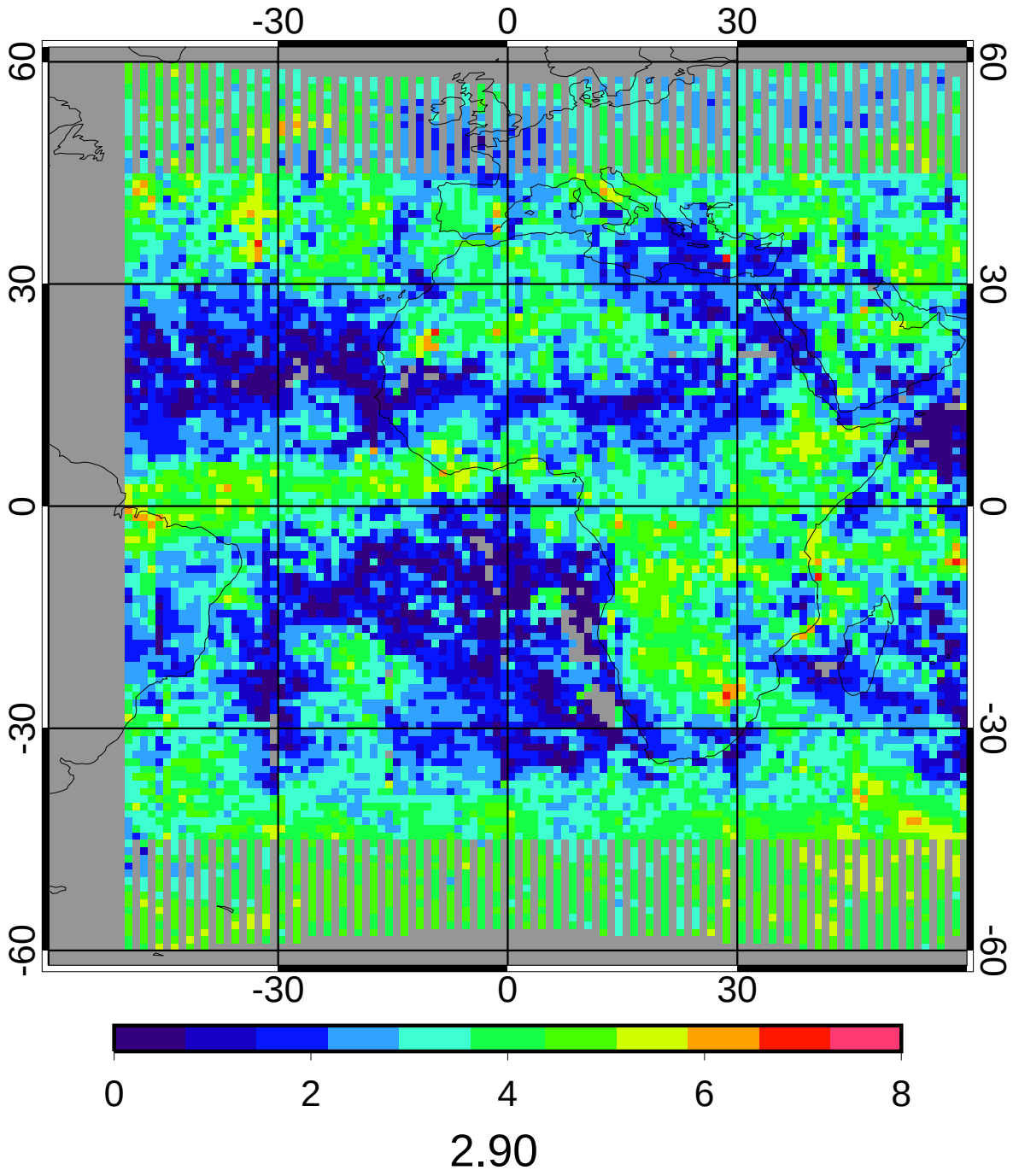
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch Apr 2010 (lapse rate)



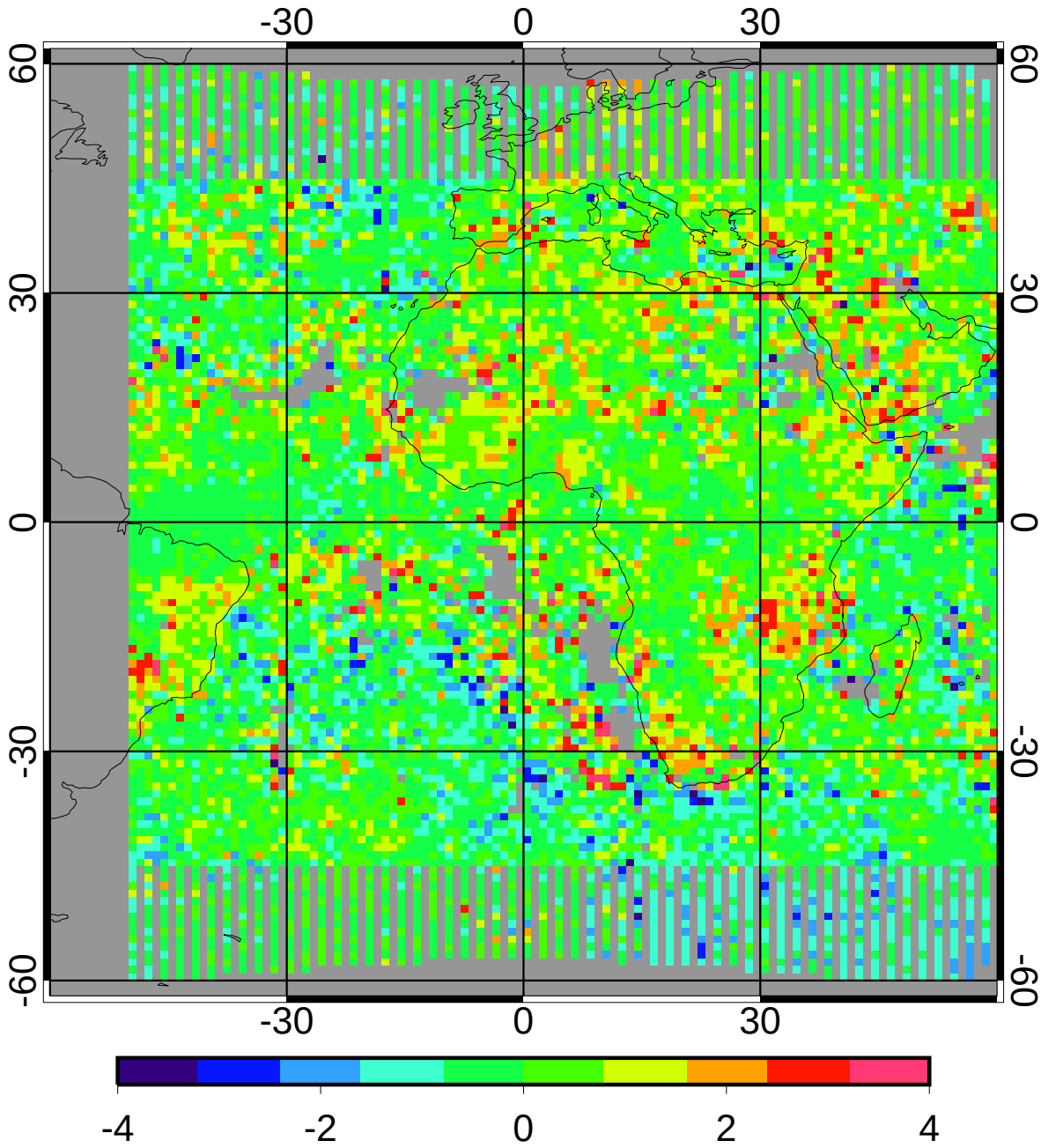
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch Apr 2010 (lapse rate)



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

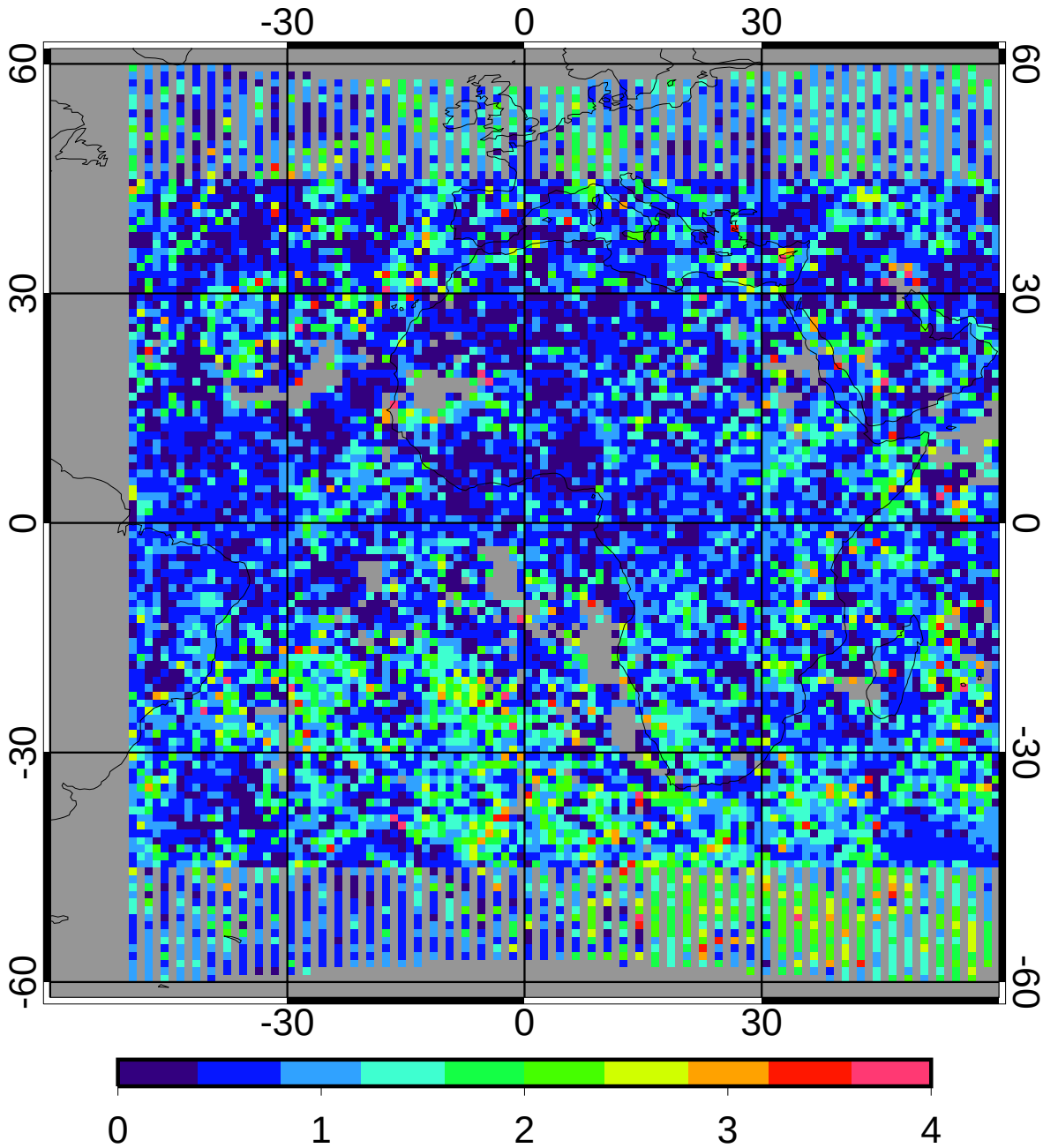
5ch Apr 2010 (lapse rate)



bias	0.10	3.55%
domain sigma	0.90	31.08%

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

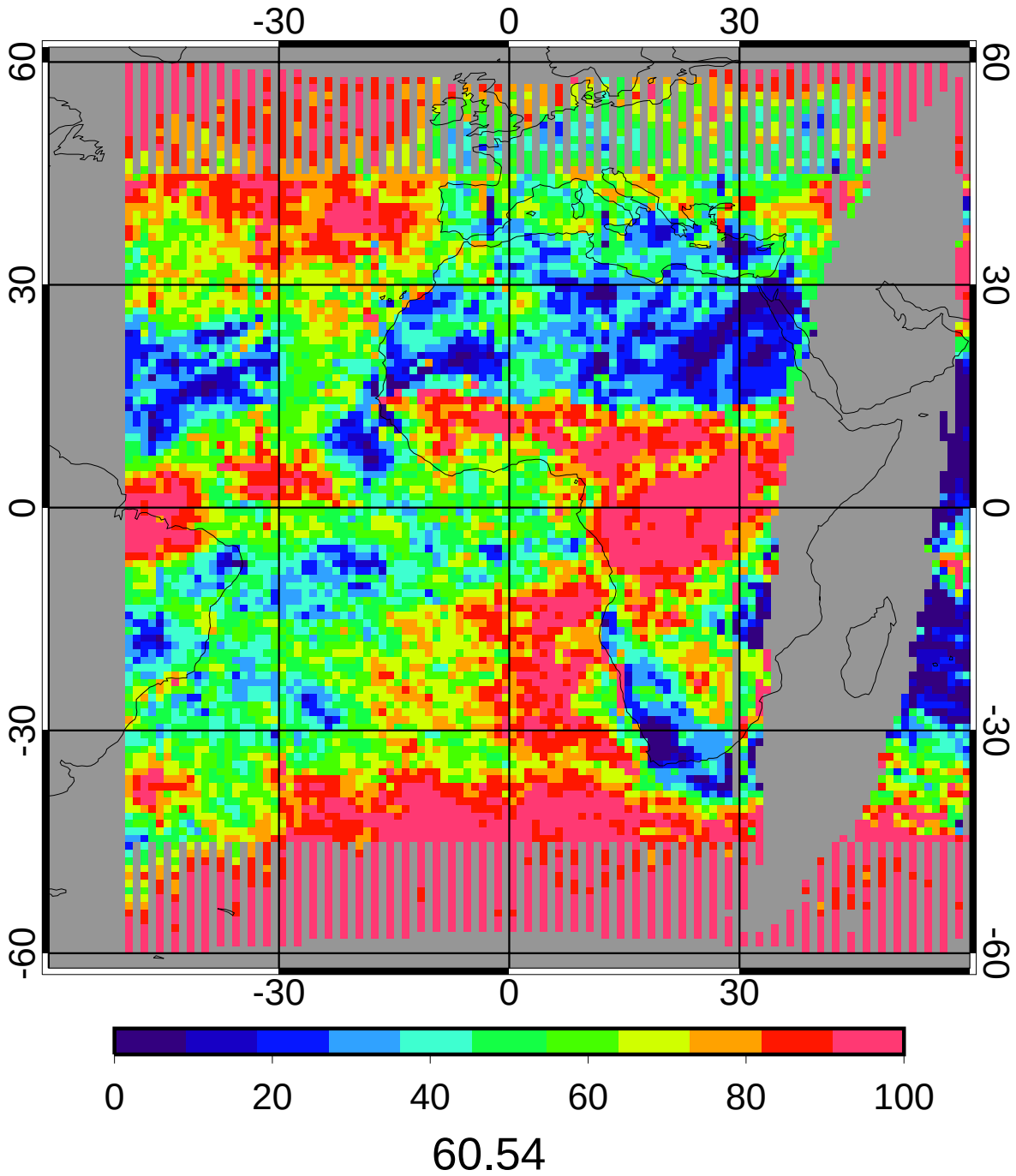
5ch Apr 2010 (lapse rate)



regave rms	0.86	29.77%
domain rms	1.03	35.67%

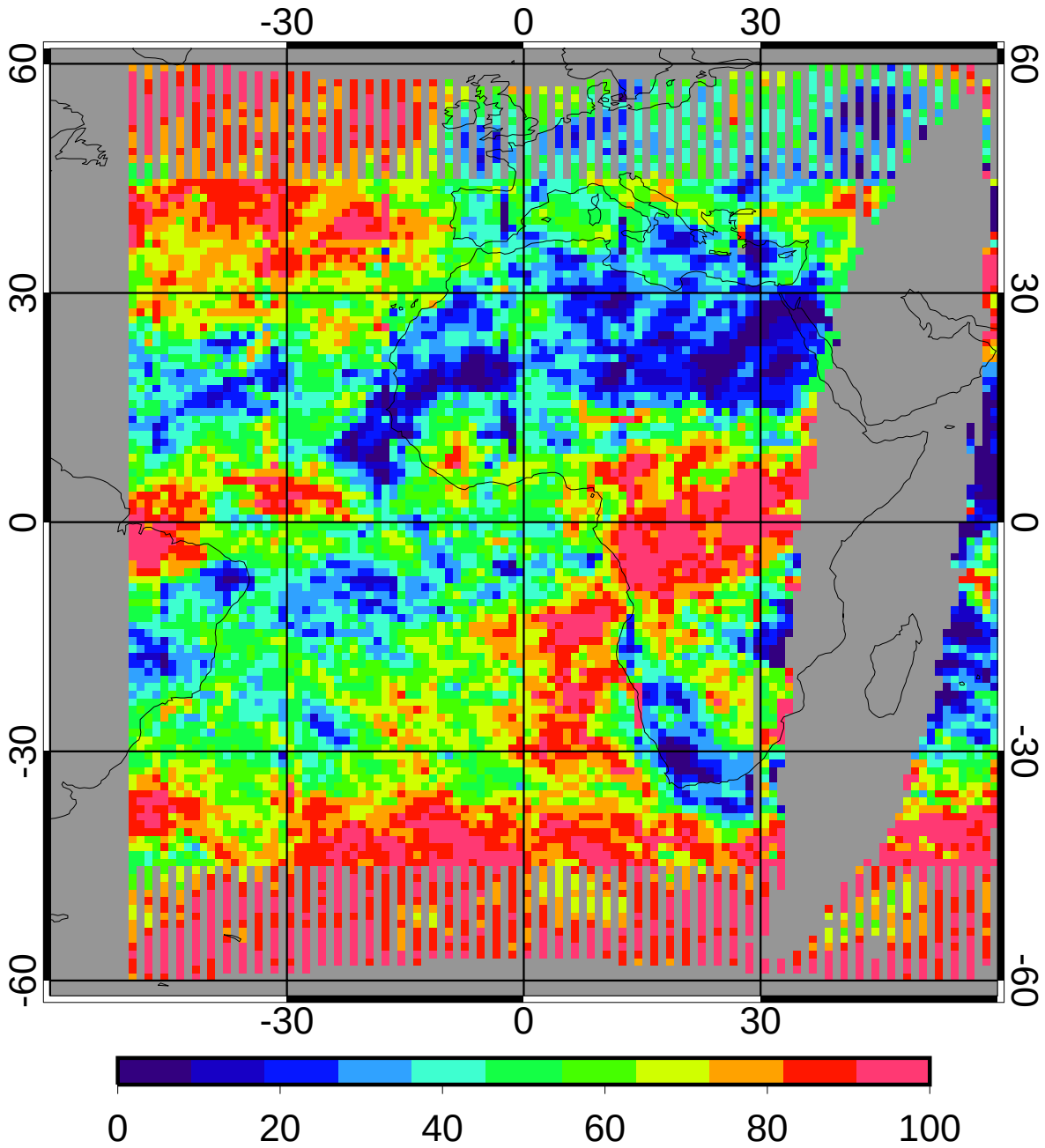
GGEO MEAN Nighttime Cloud Amount (%)

5ch Apr 2010 (lapse rate)



CERES/Aqua MEAN Nighttime Cloud Amount (%)

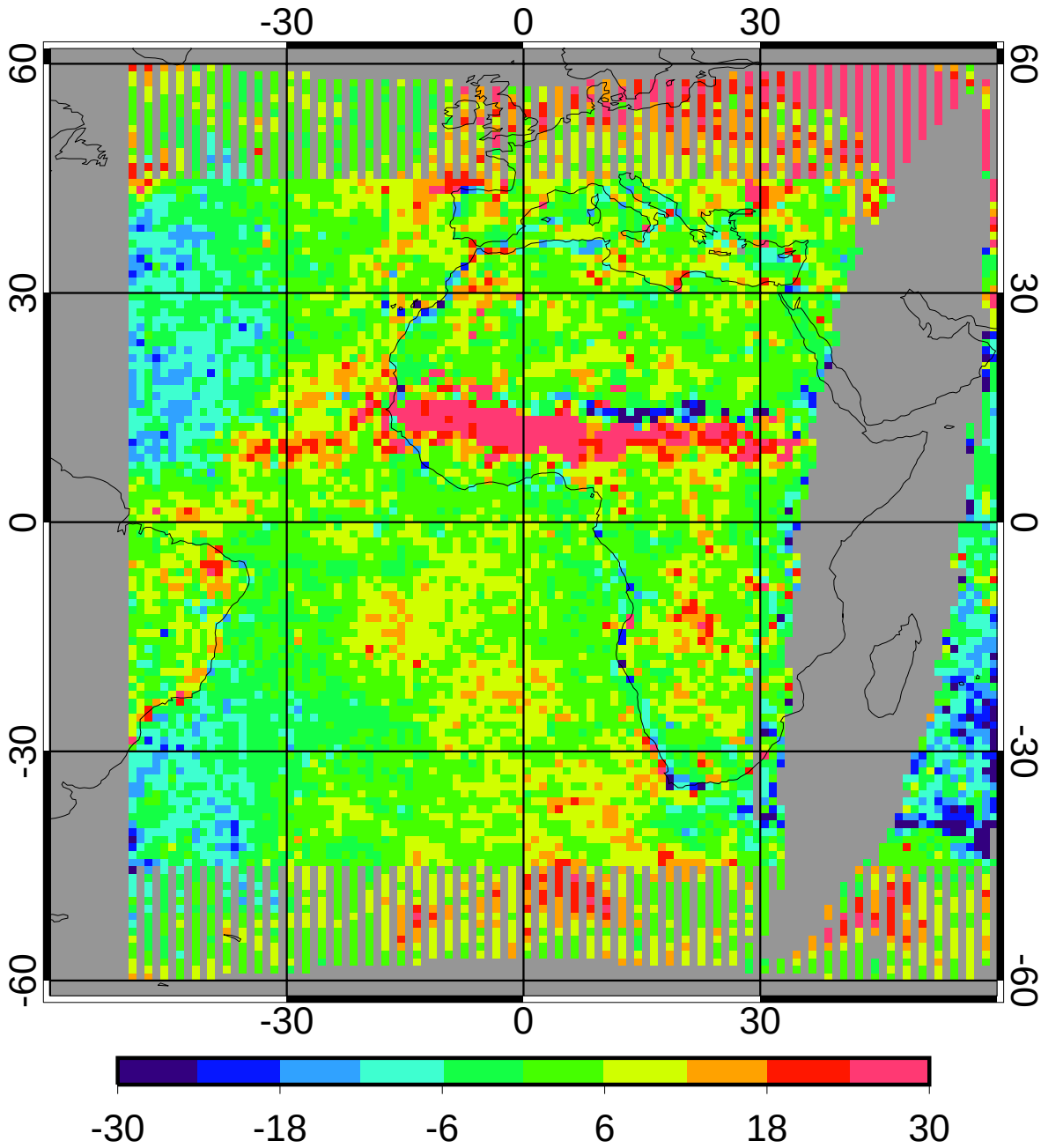
5ch Apr 2010 (lapse rate)



56.79

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

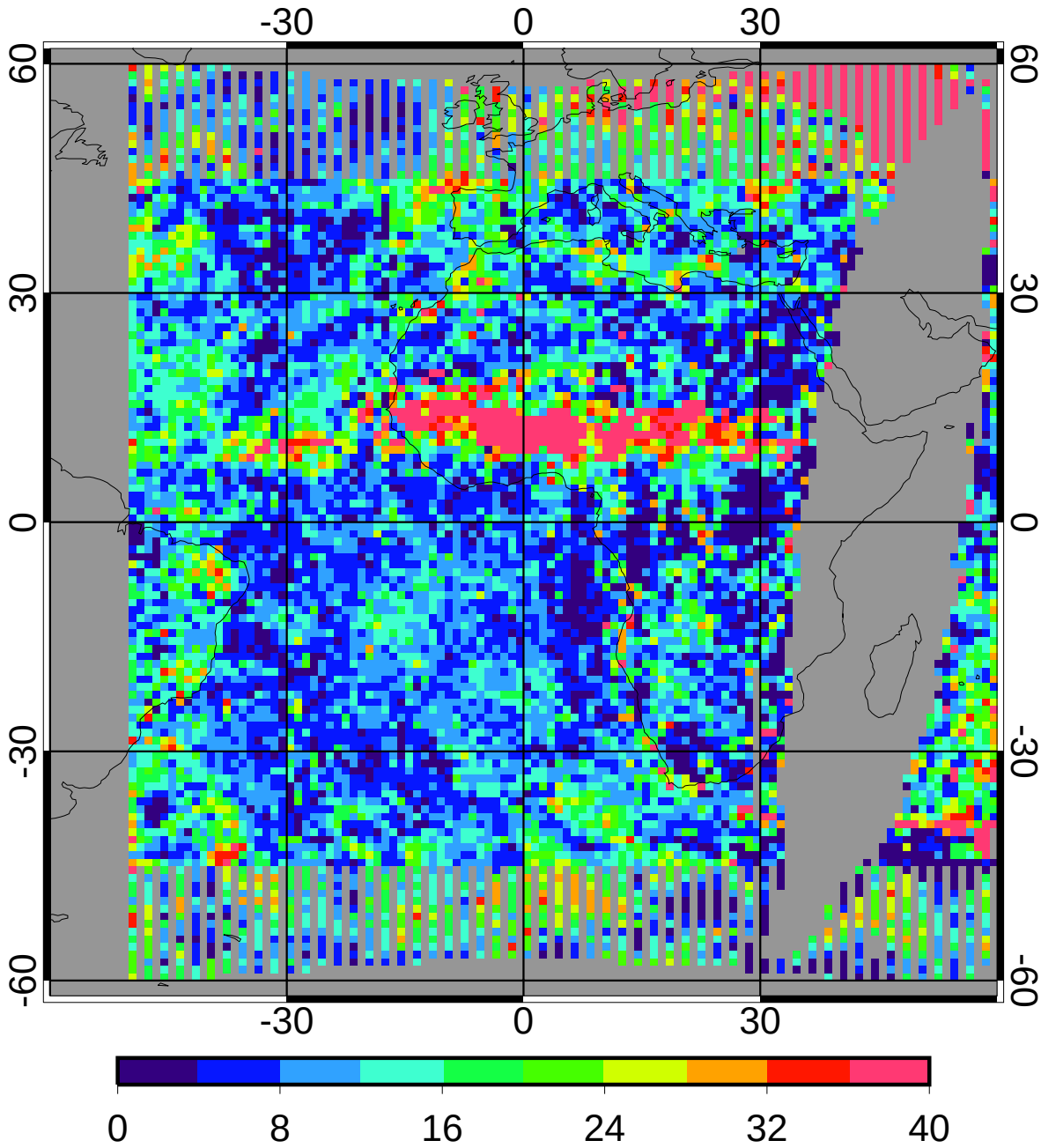
5ch Apr 2010 (lapse rate)



bias	3.75	6.60%
domain sigma	9.67	17.02%

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

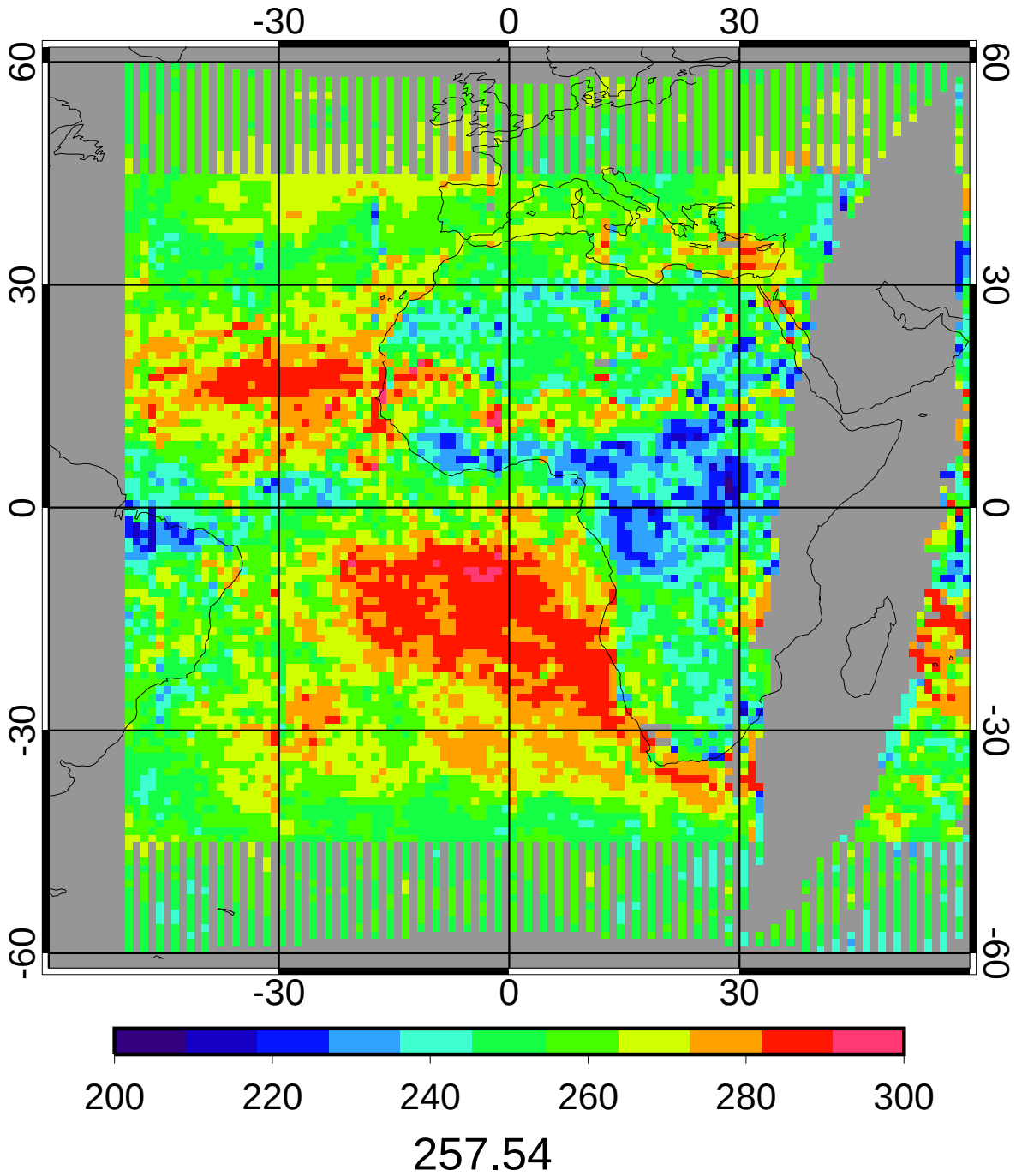
5ch Apr 2010 (lapse rate)



regave rms	13.07	23.02%
domain rms	15.38	27.09%

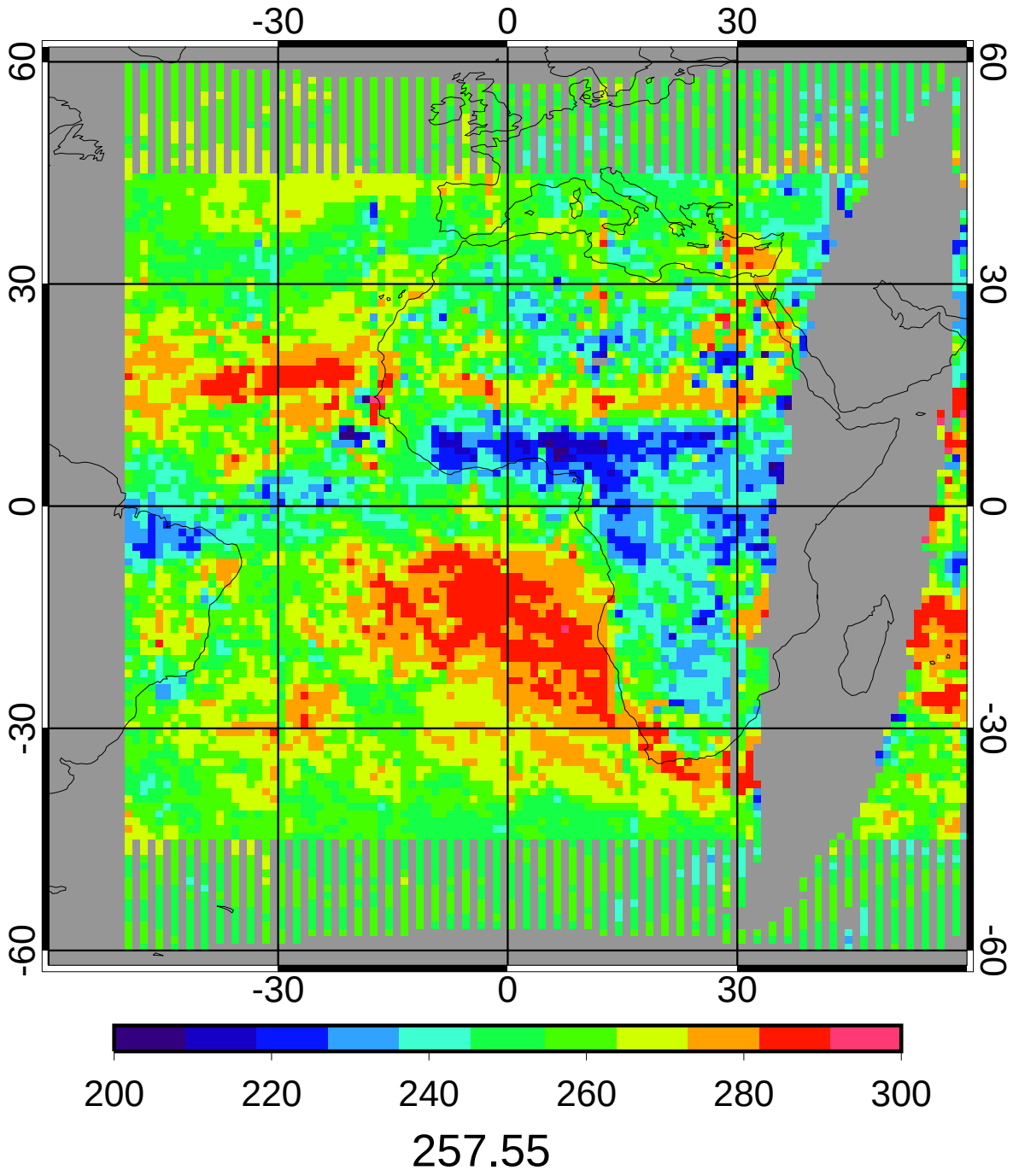
GGEO MEAN Nighttime Cloud Temperature (K)

5ch Apr 2010 (lapse rate)



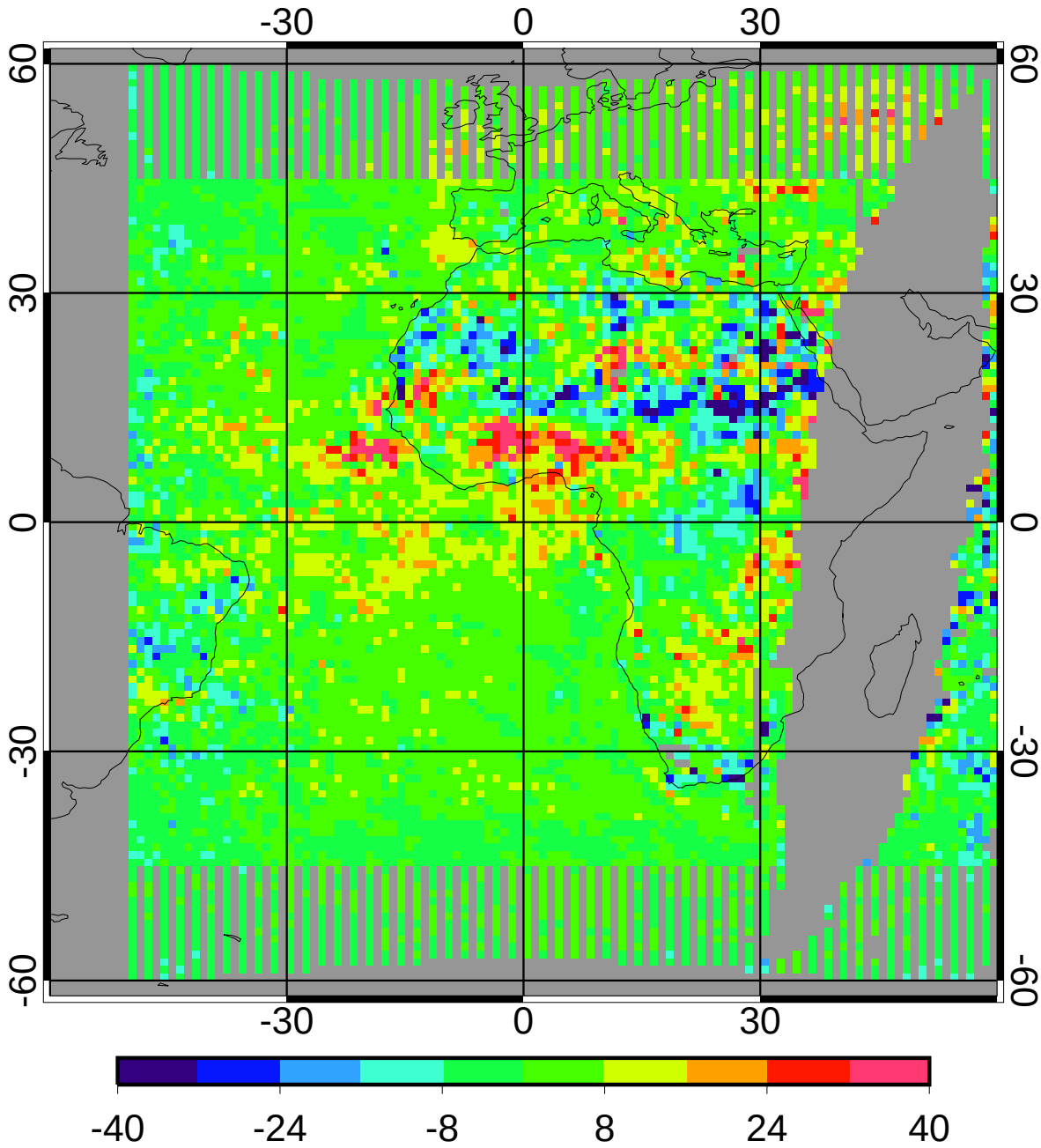
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

5ch Apr 2010 (lapse rate)



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

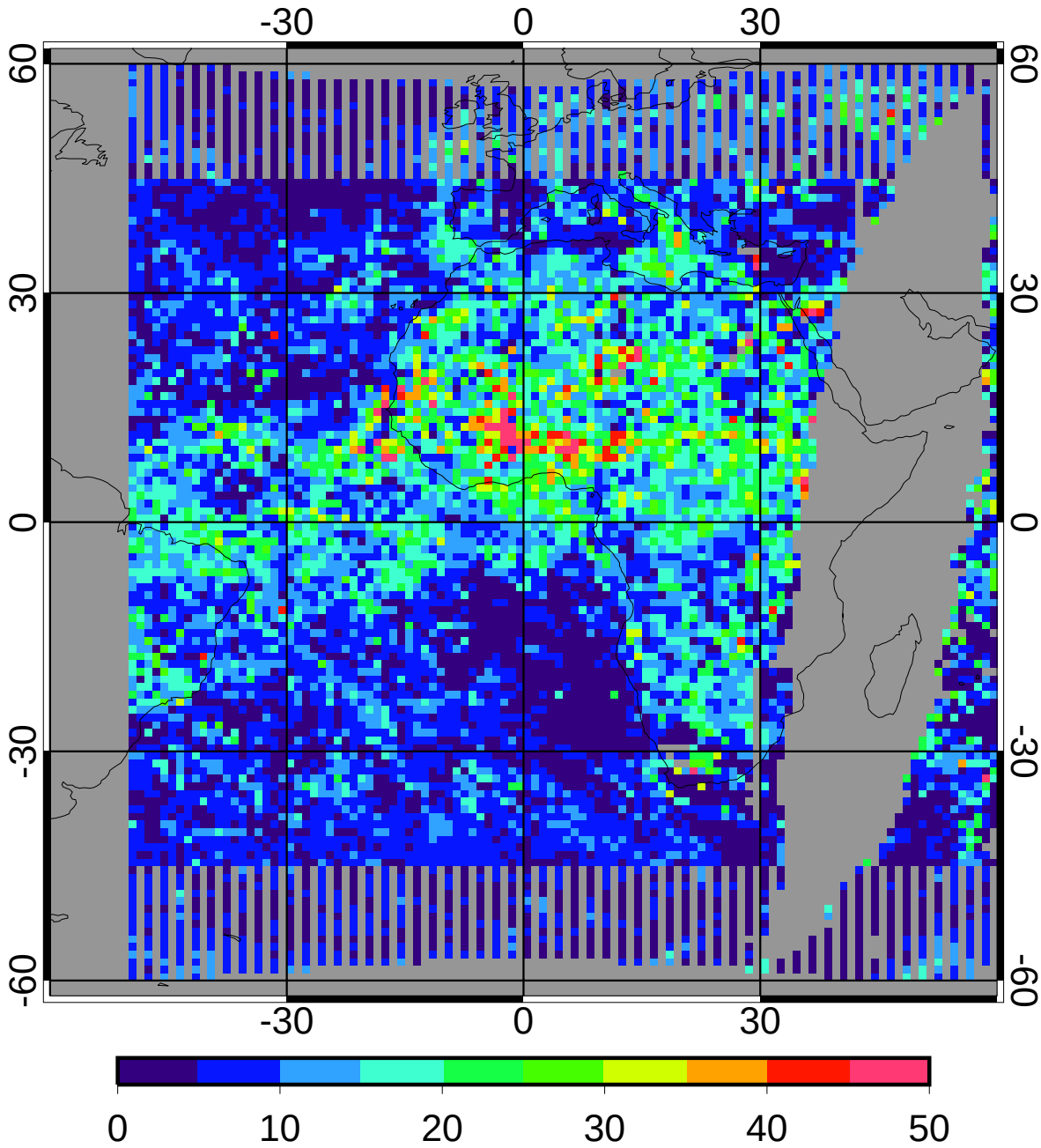
5ch Apr 2010 (lapse rate)



bias	1.58	0.62%
domain sigma	8.71	3.38%

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

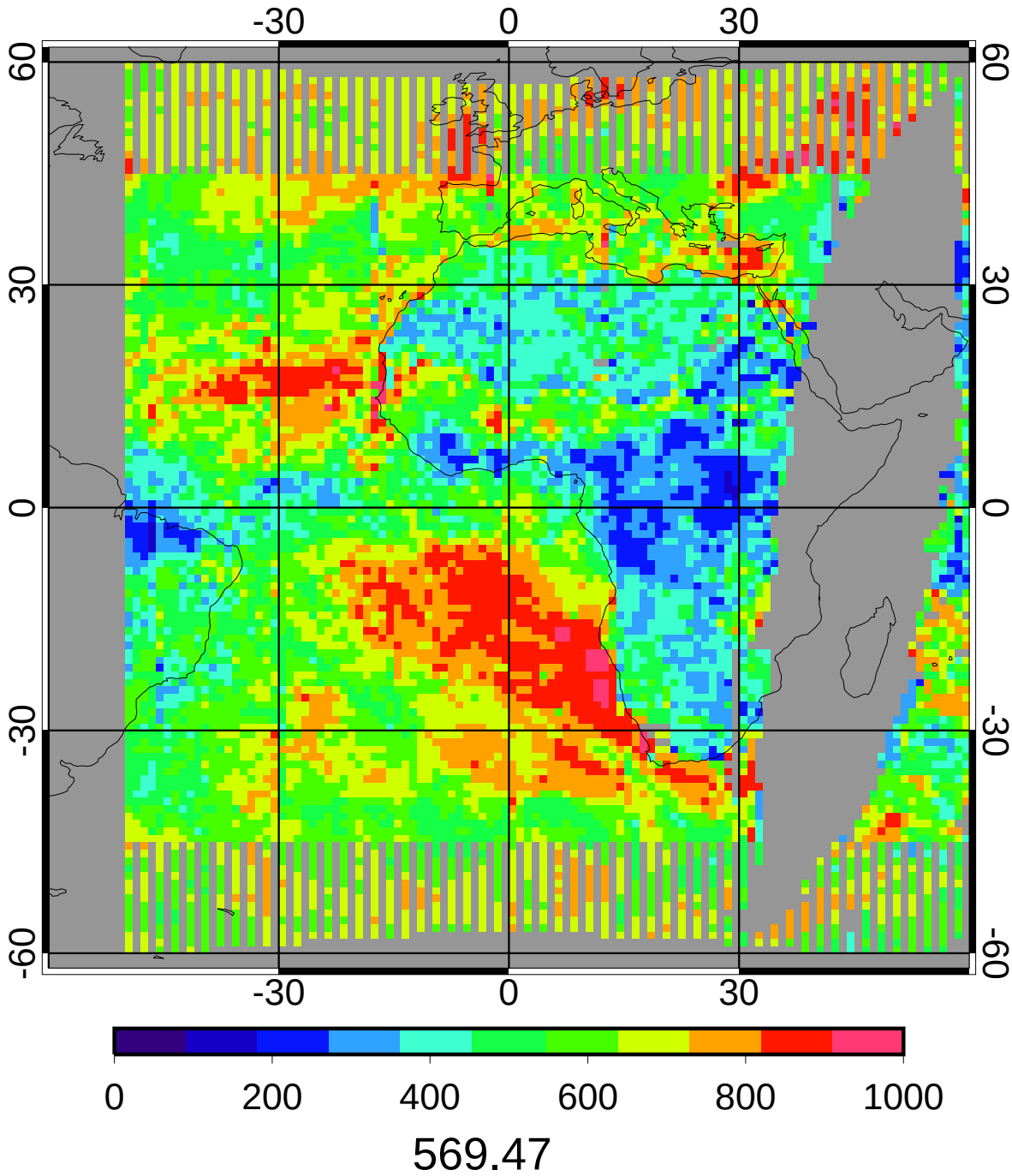
5ch Apr 2010 (lapse rate)



regave rms	10.87	4.22%
domain rms	11.82	4.59%

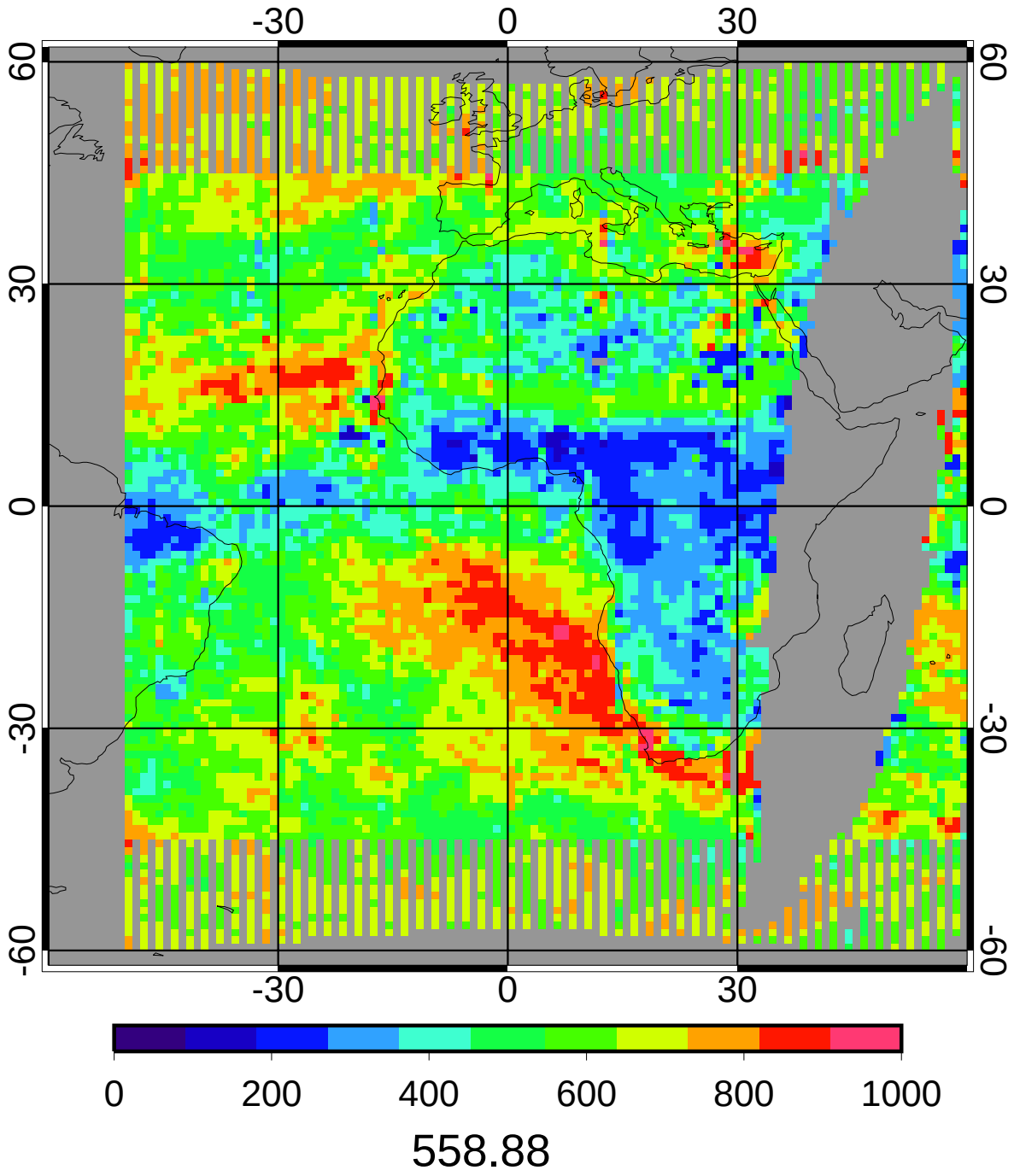
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch Apr 2010 (lapse rate)



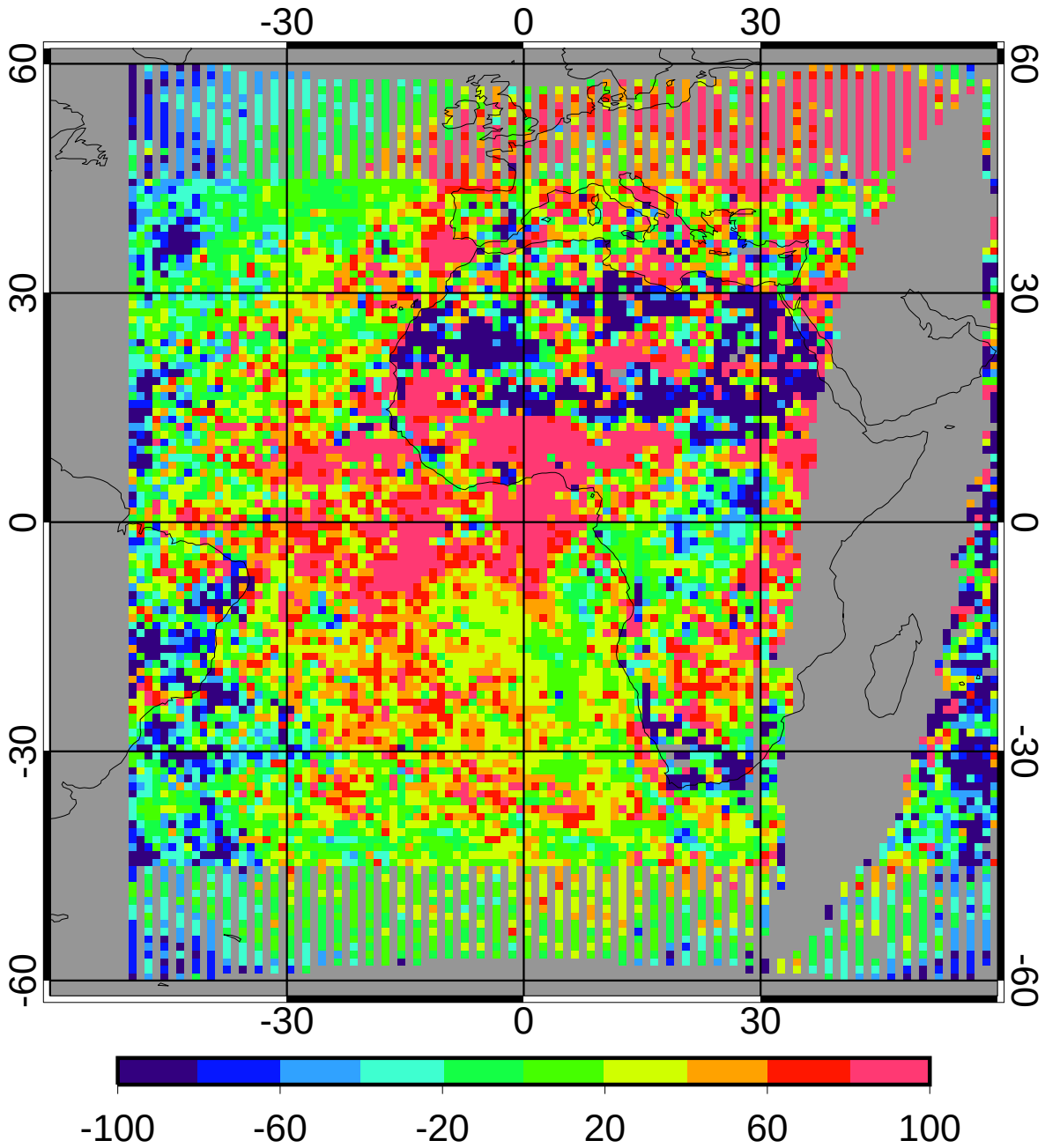
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch Apr 2010 (lapse rate)



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

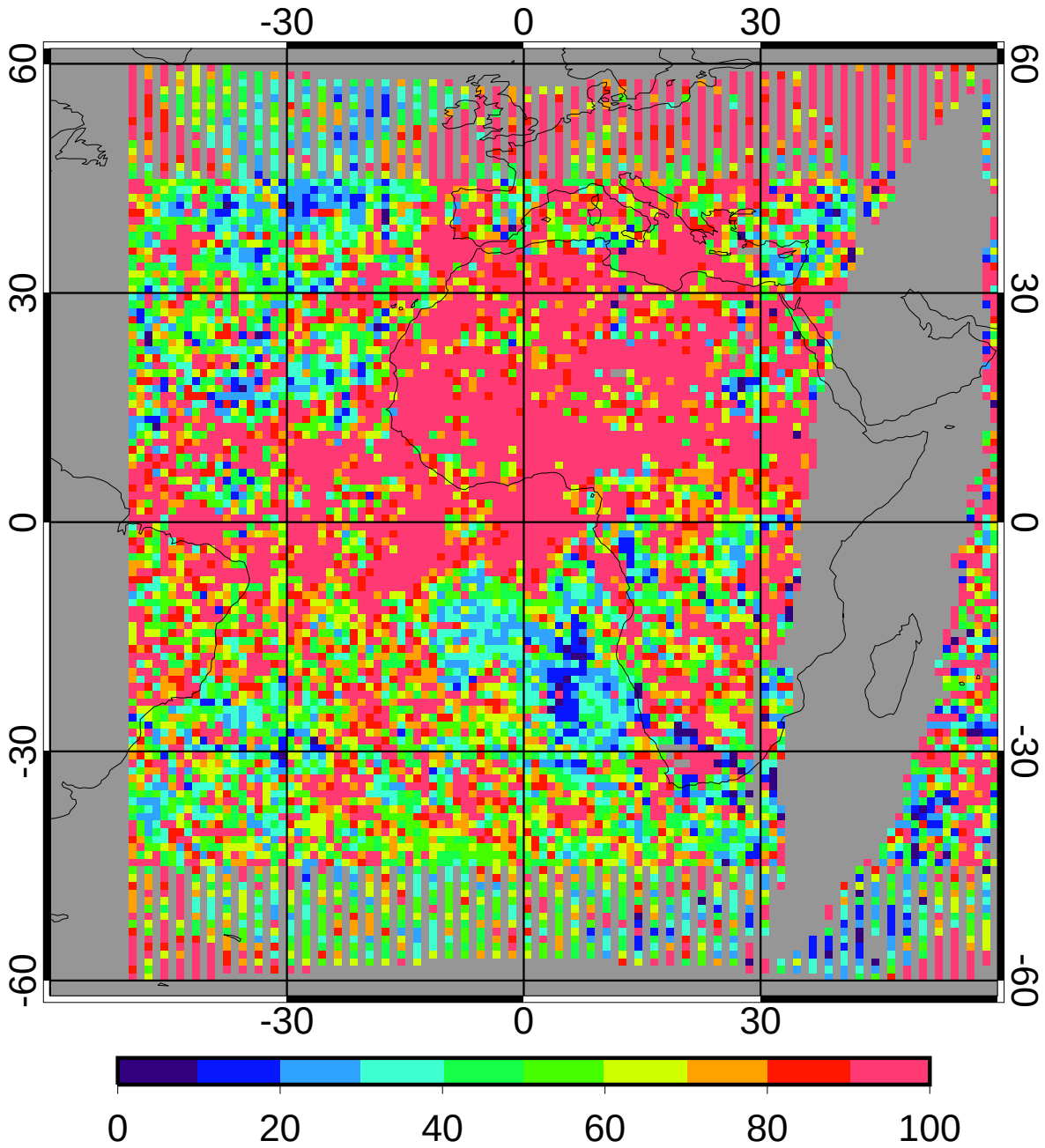
5ch Apr 2010 (lapse rate)



bias	14.75	2.64%
domain sigma	79.01	14.14%

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

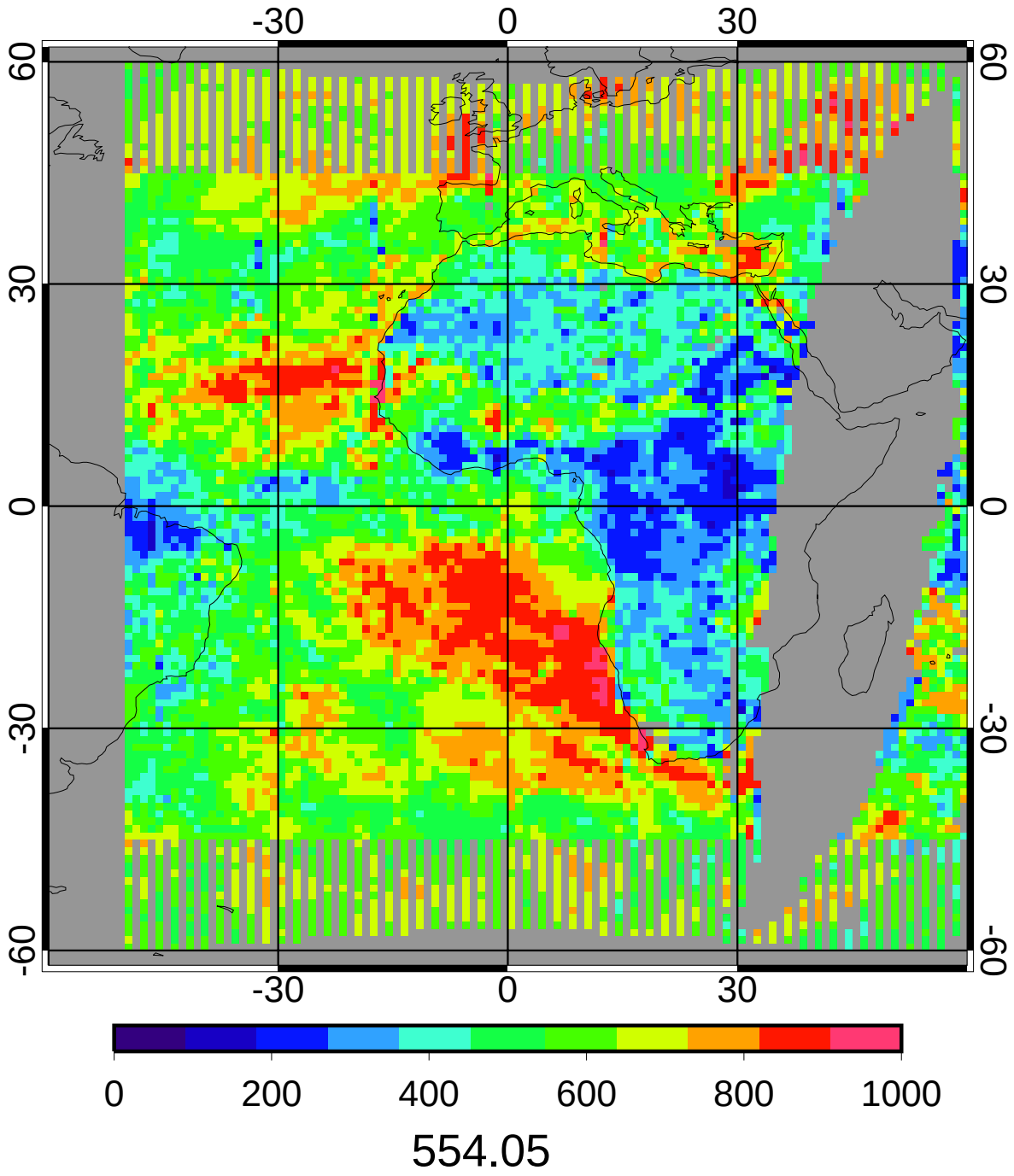
5ch Apr 2010 (lapse rate)



regave rms	90.16	16.13%
domain rms	99.32	17.77%

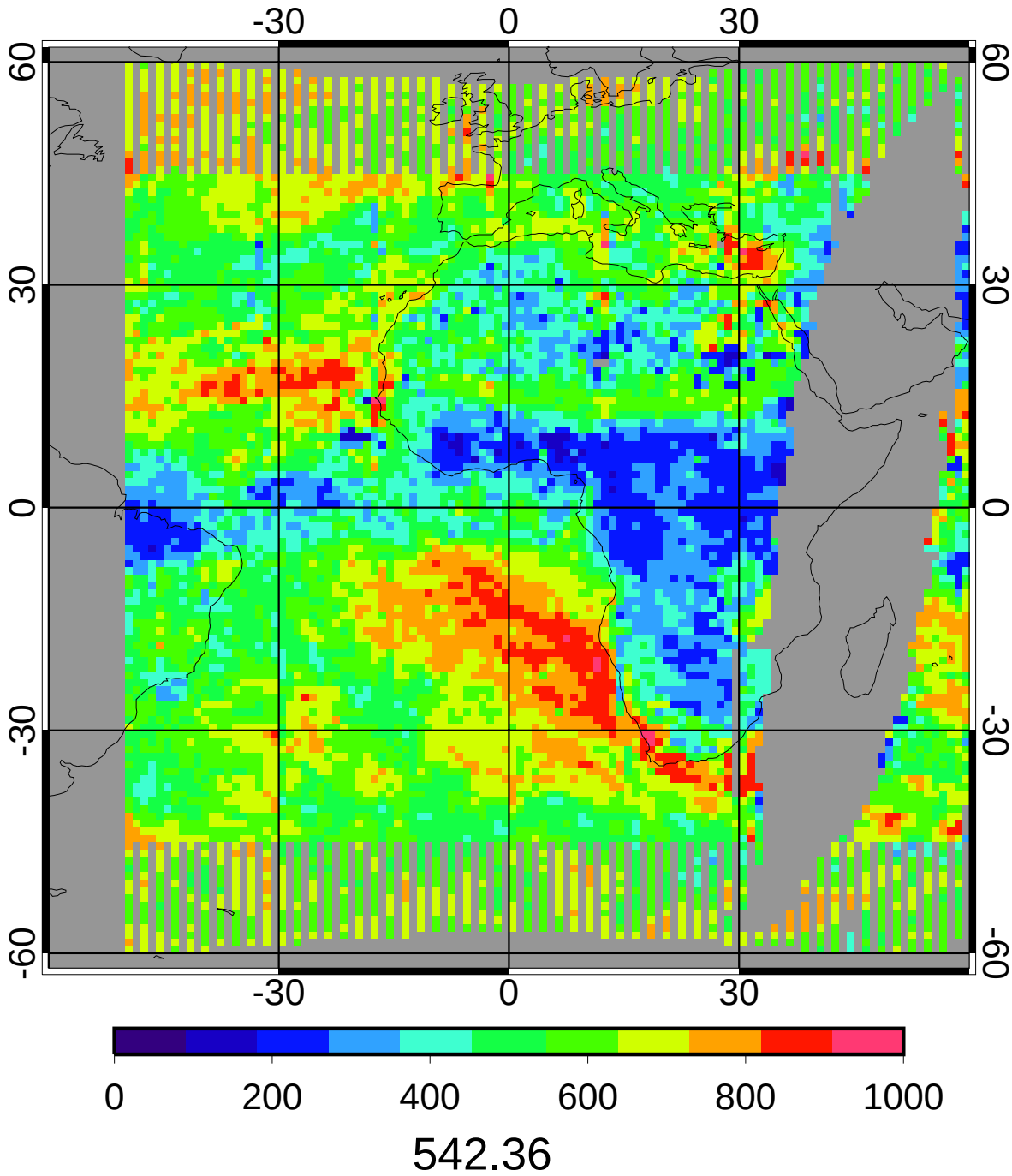
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch Apr 2010 (lapse rate)



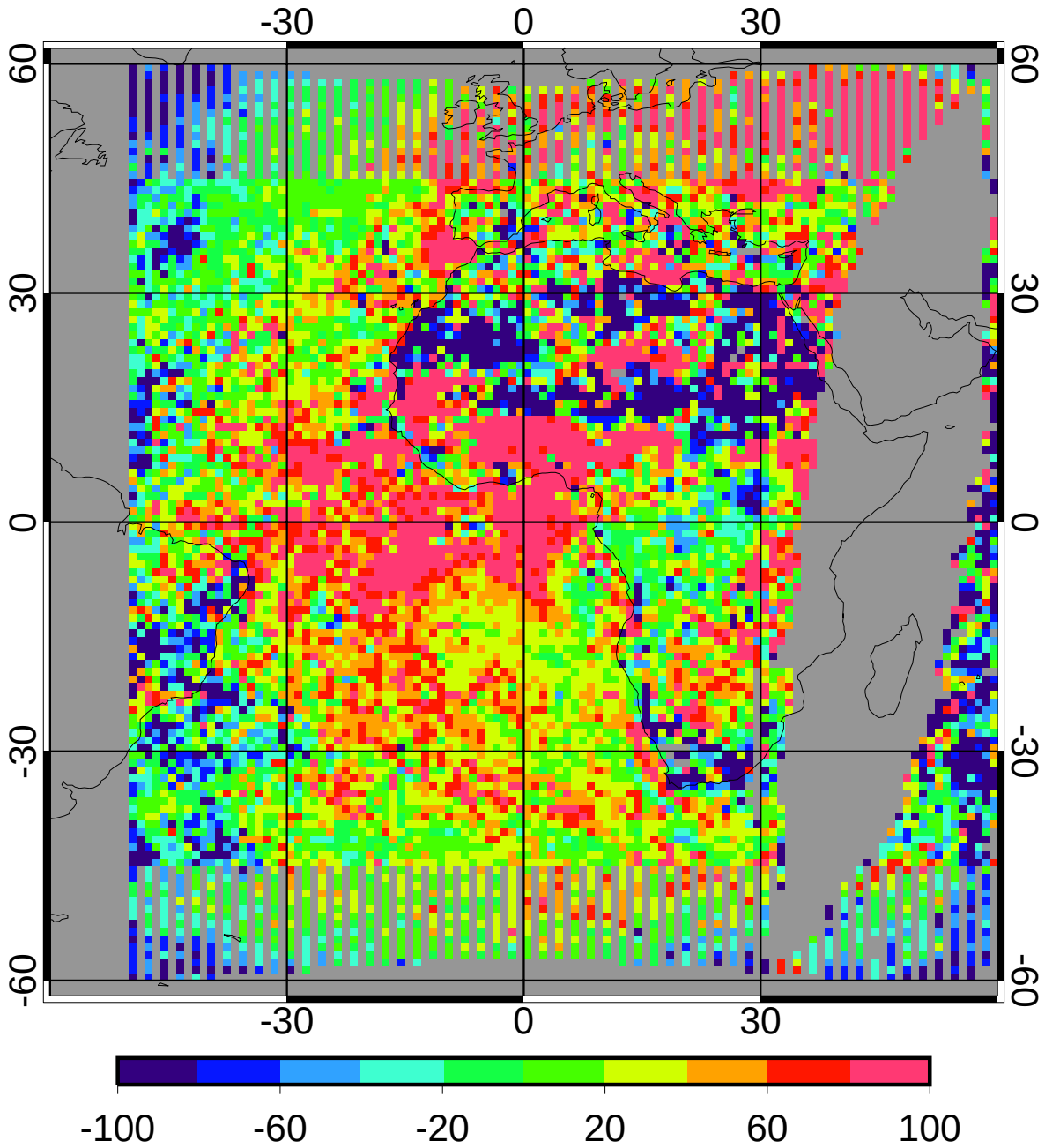
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch Apr 2010 (lapse rate)



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

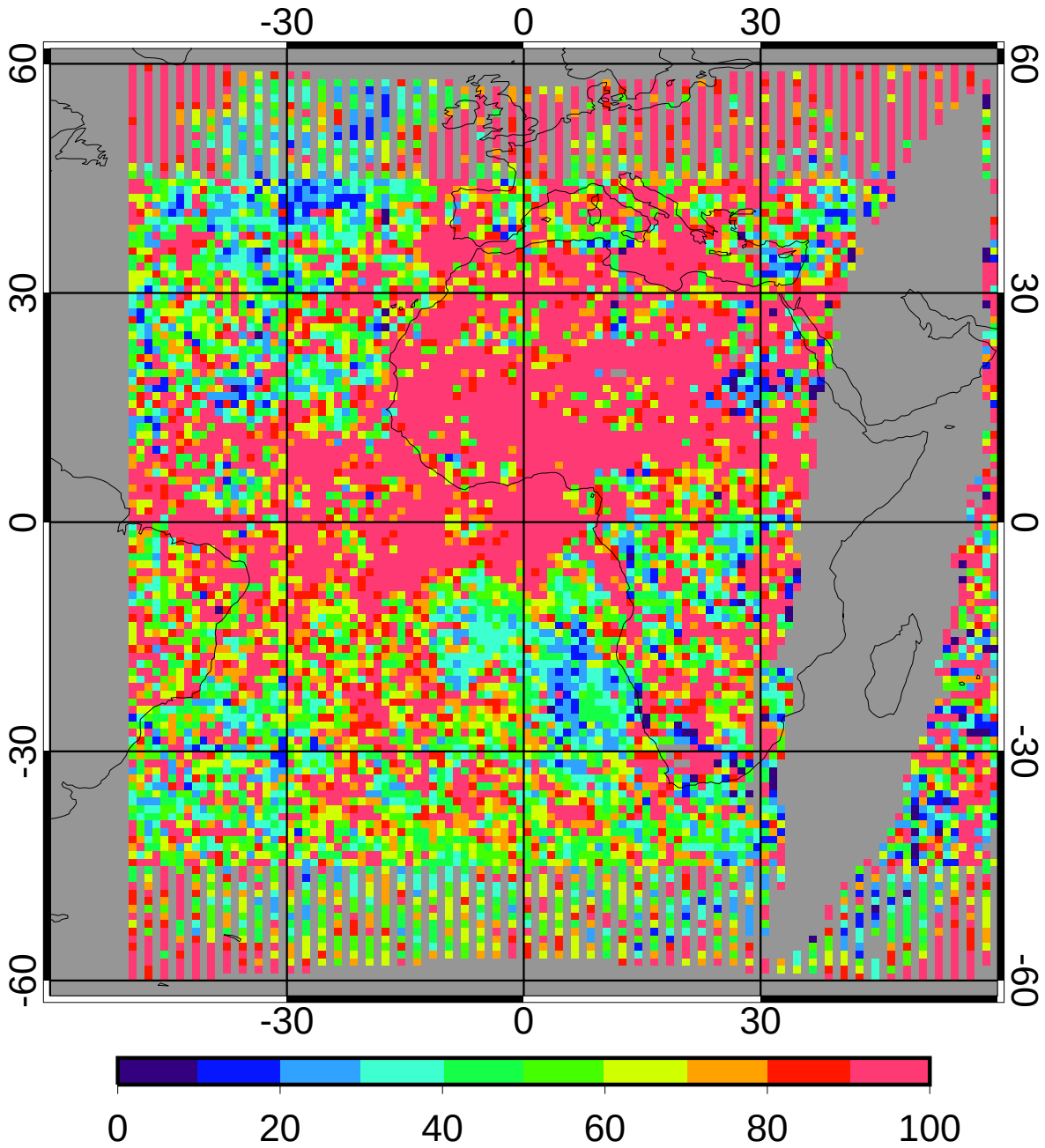
5ch Apr 2010 (lapse rate)



bias	15.82	2.92%
domain sigma	81.77	15.08%

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

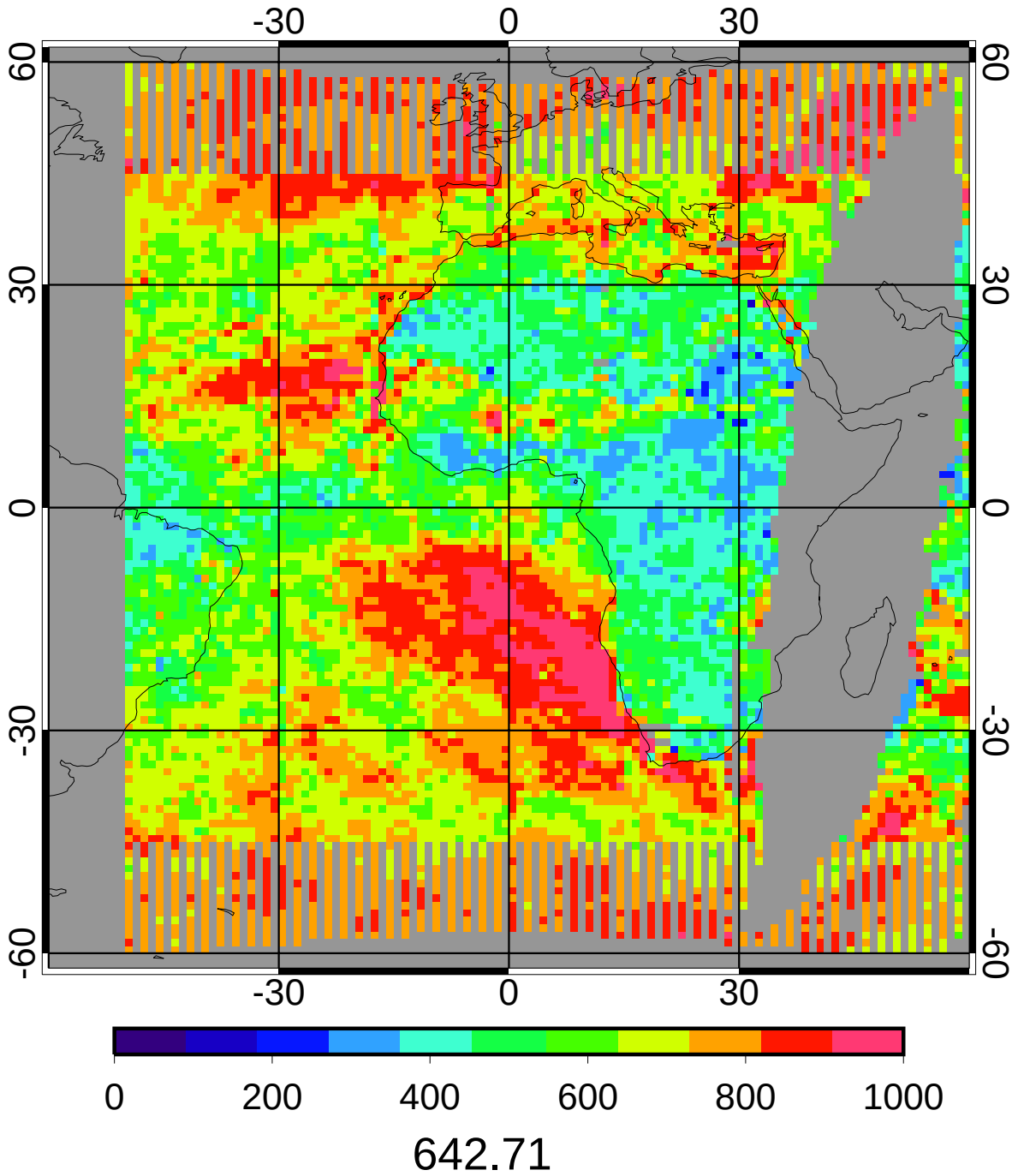
5ch Apr 2010 (lapse rate)



regave rms	91.40	16.85%
domain rms	100.64	18.56%

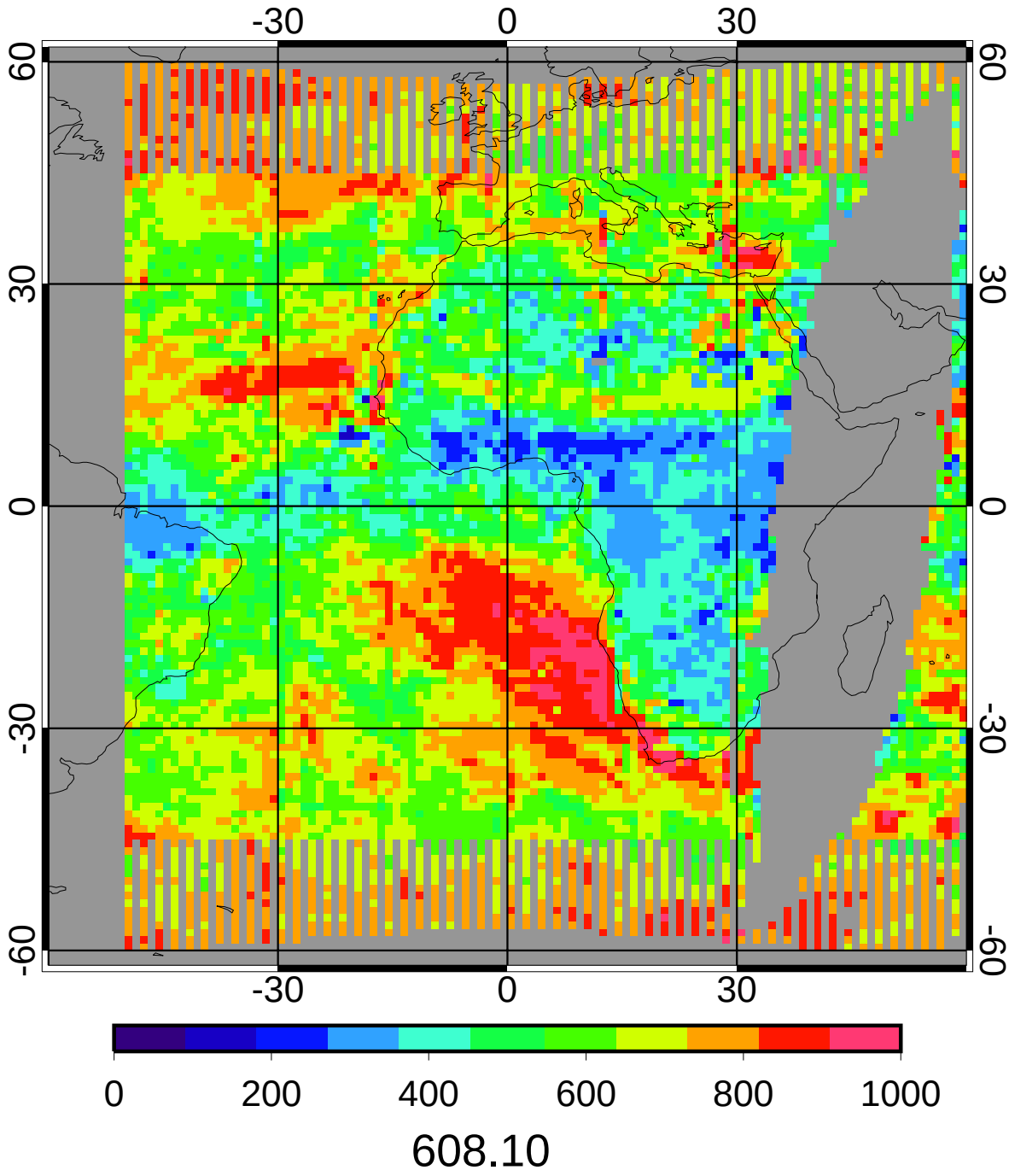
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch Apr 2010 (lapse rate)



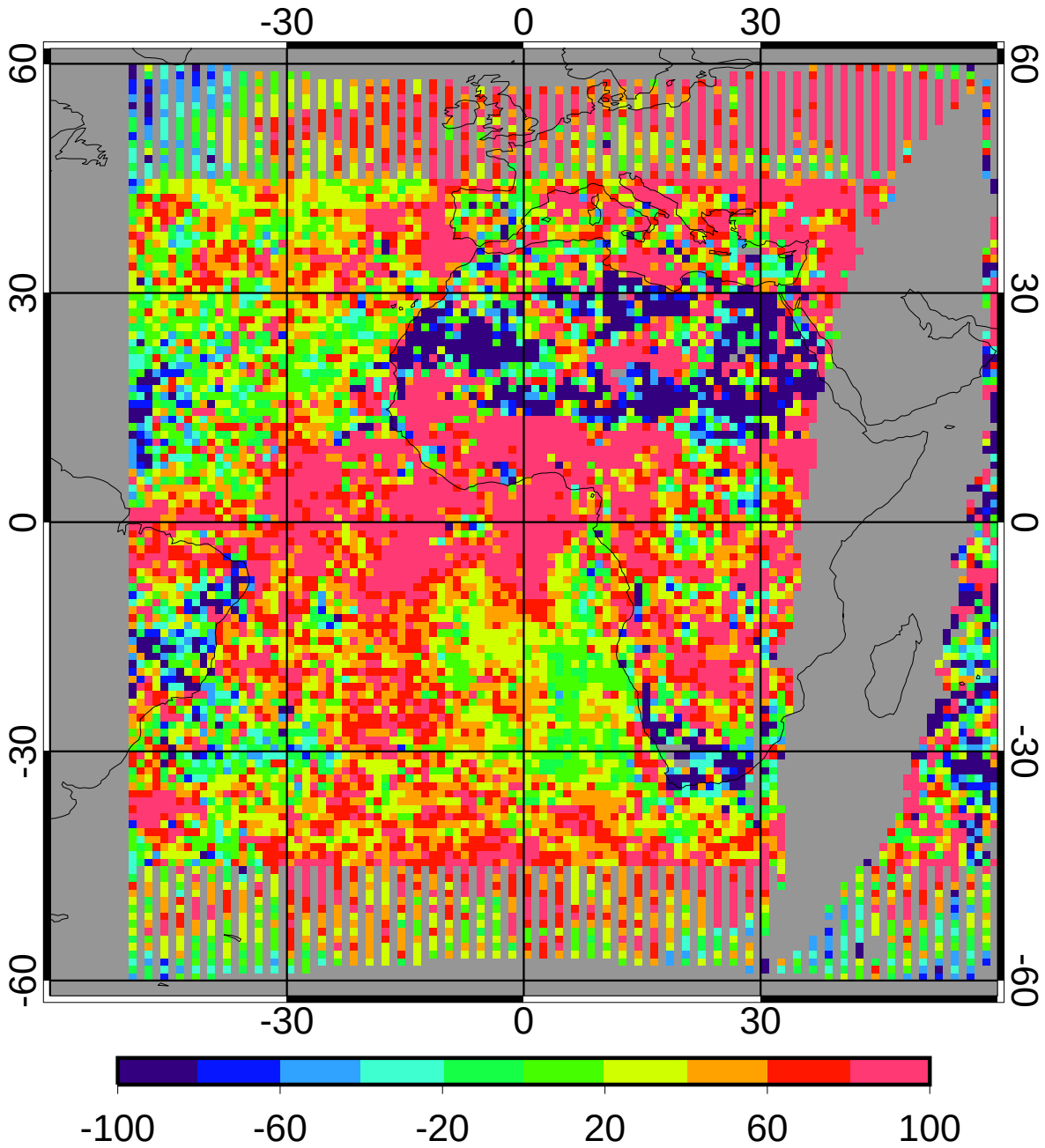
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch Apr 2010 (lapse rate)



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

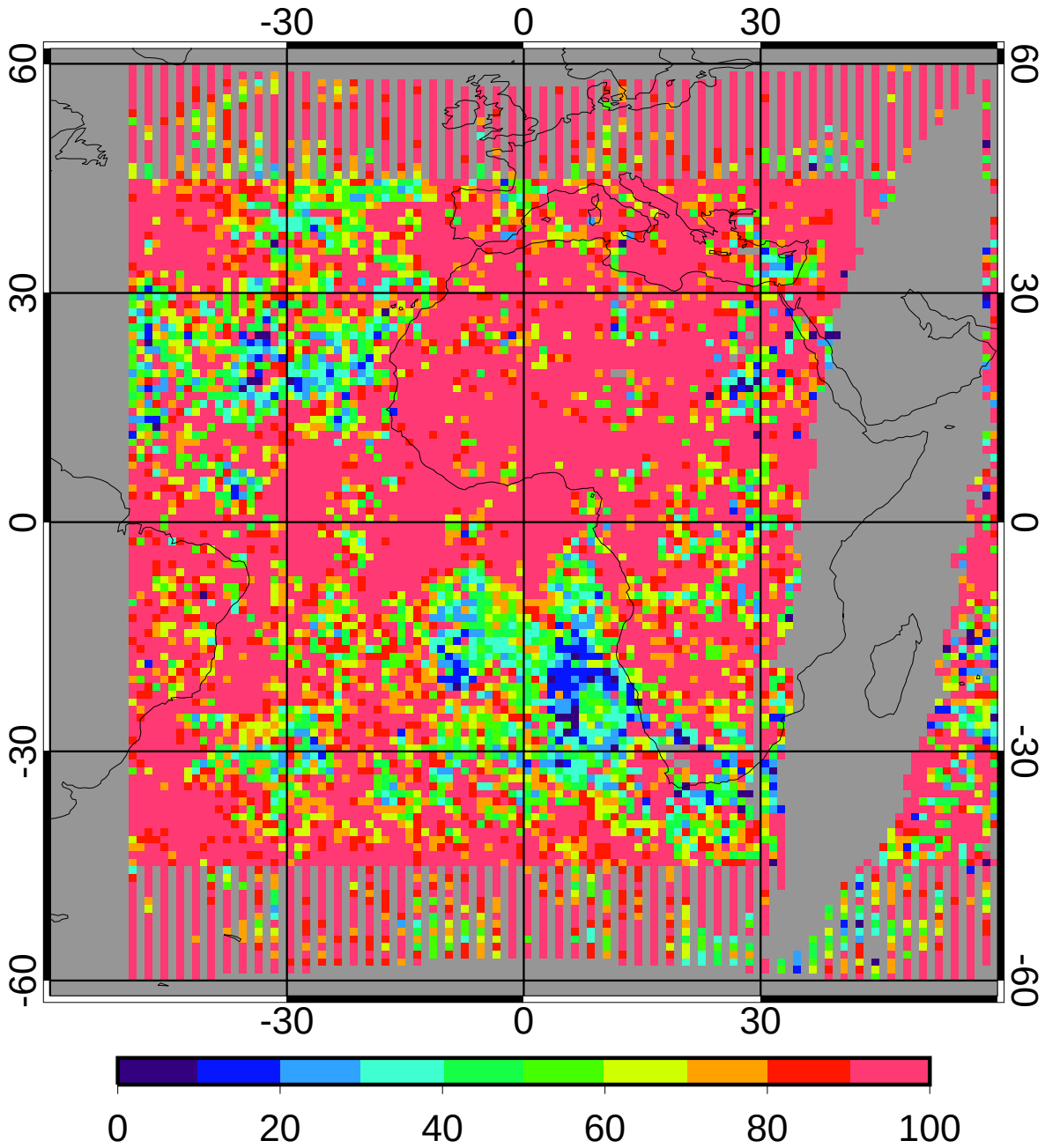
5ch Apr 2010 (lapse rate)



bias	38.90	6.40%
domain sigma	82.10	13.50%

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

5ch Apr 2010 (lapse rate)

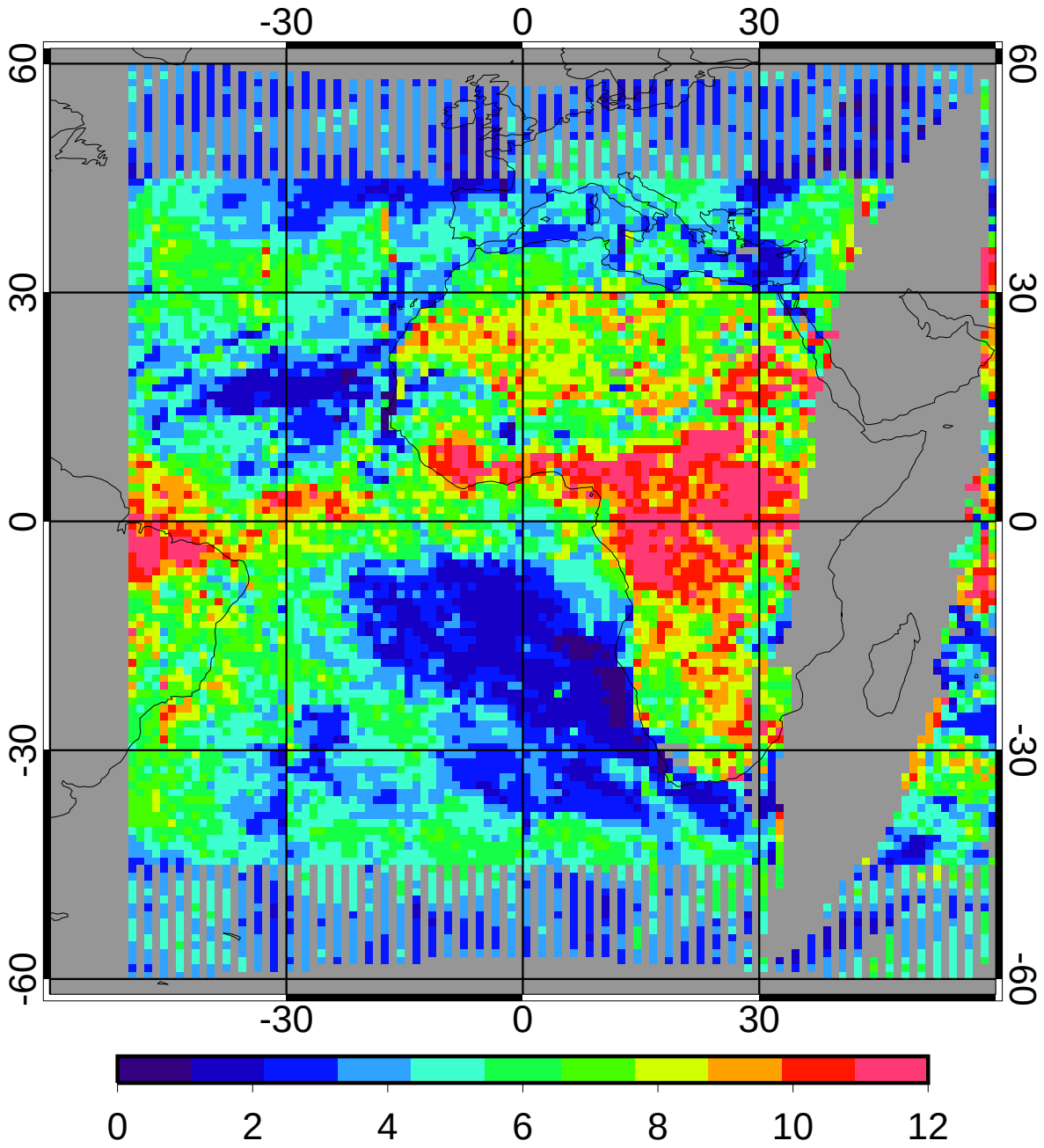


regave rms 108.59 17.86%

domain rms 115.13 18.93%

GGEO MEAN Nighttime Cloud Eff Height (km)

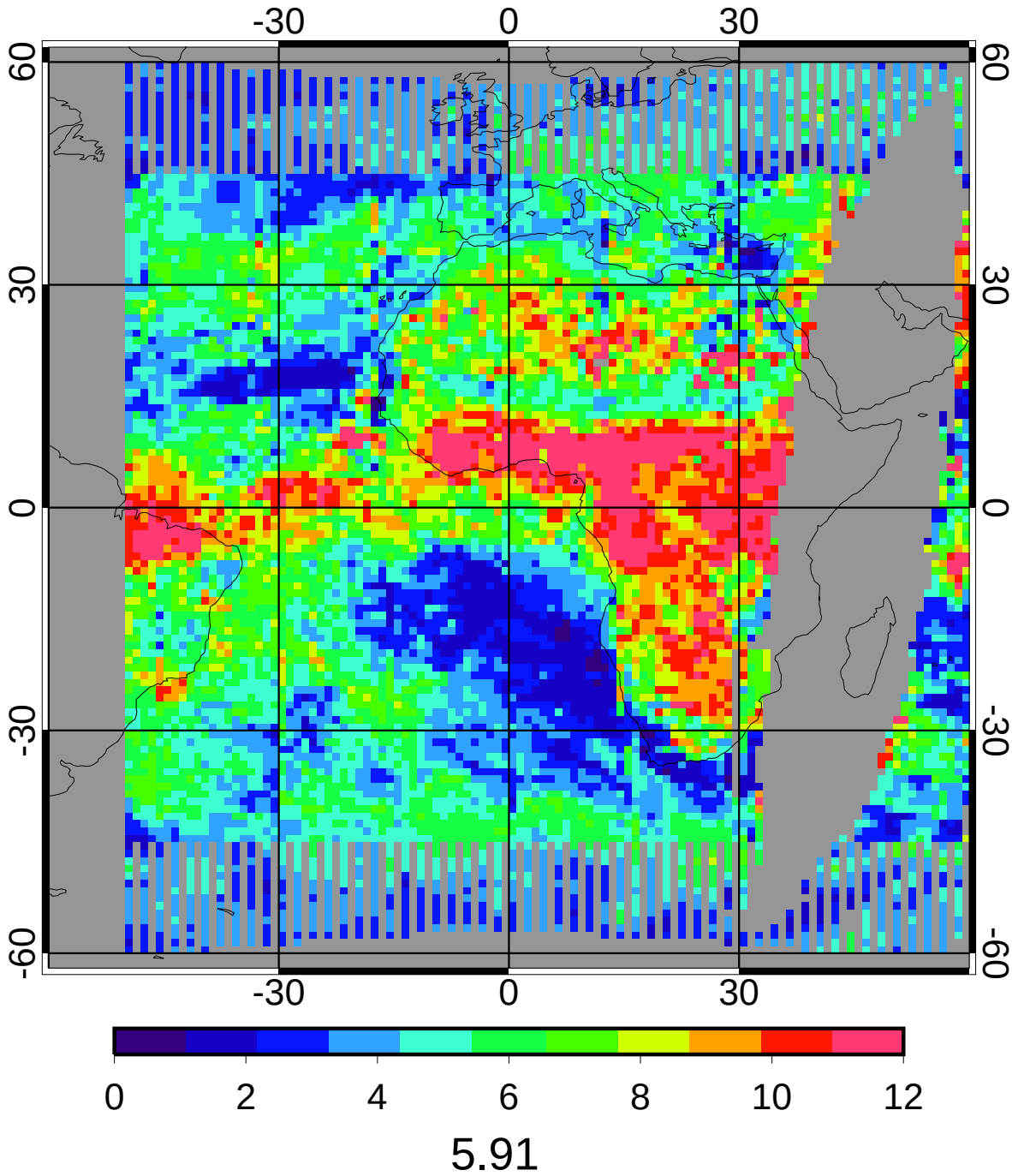
5ch Apr 2010 (lapse rate)



5.59

CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

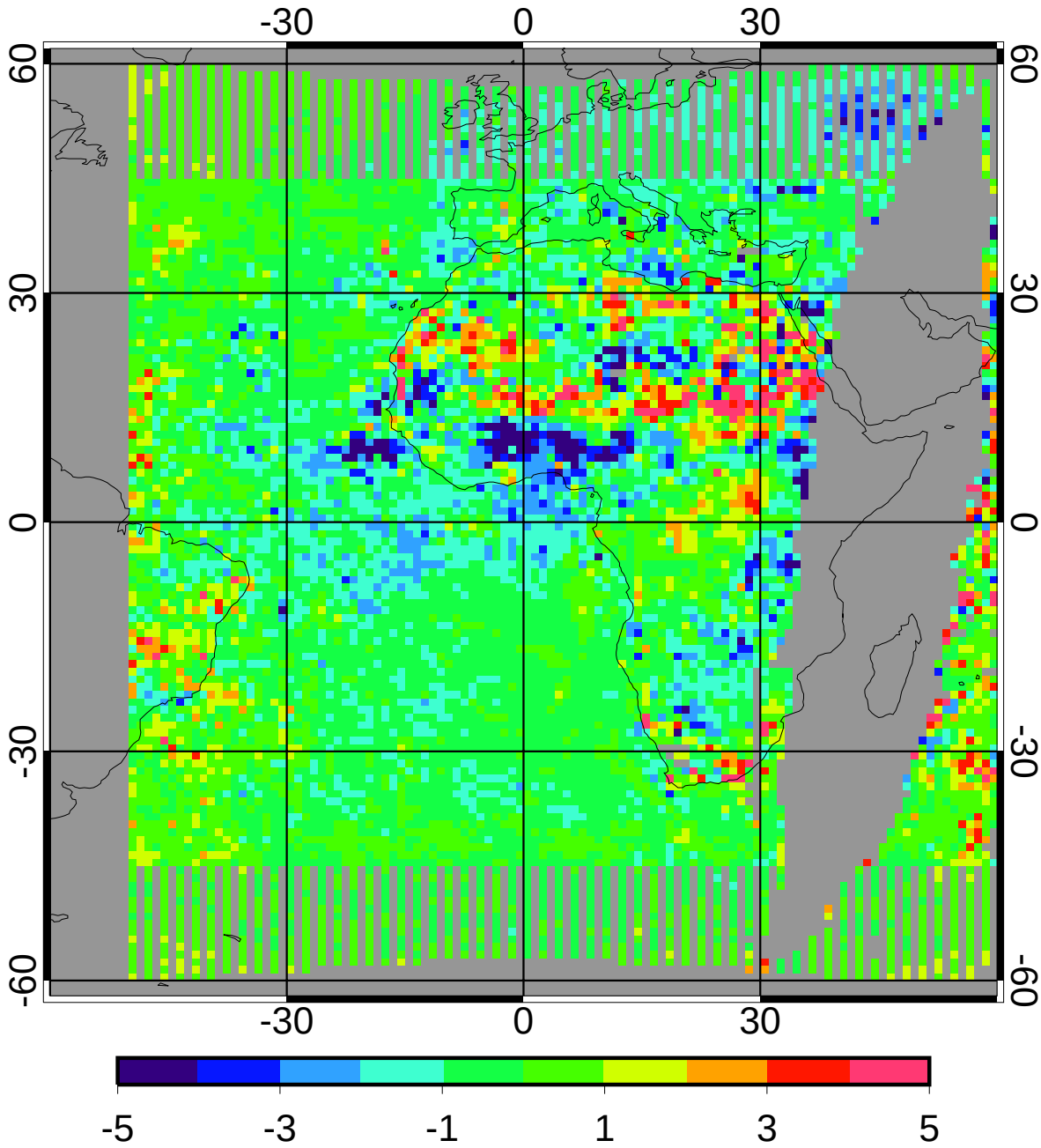
5ch Apr 2010 (lapse rate)



5.91

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

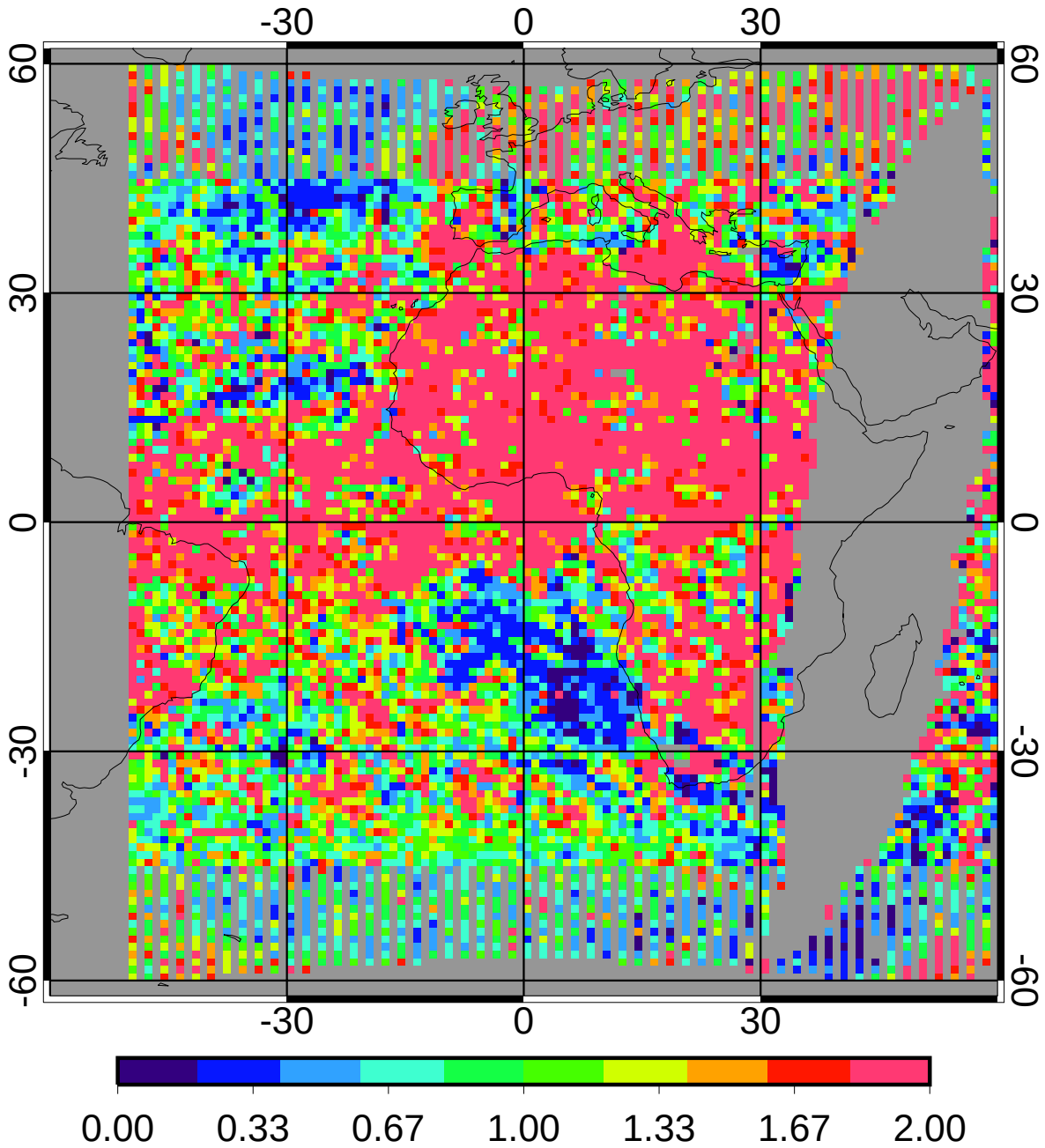
5ch Apr 2010 (lapse rate)



bias	-0.30	-5.00%
domain sigma	1.32	22.37%

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

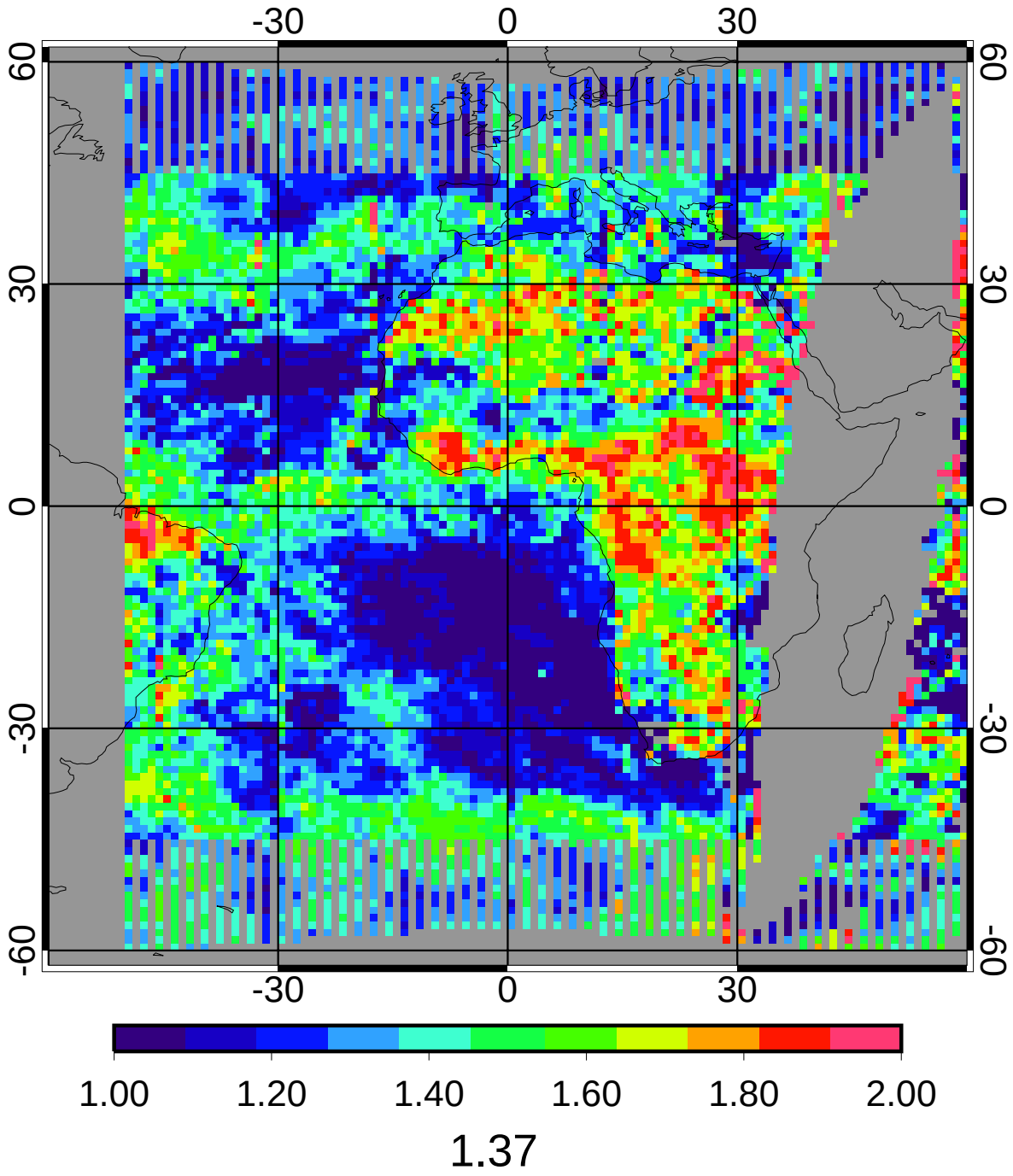
5ch Apr 2010 (lapse rate)



regave rms	1.65	27.89%
domain rms	1.79	30.22%

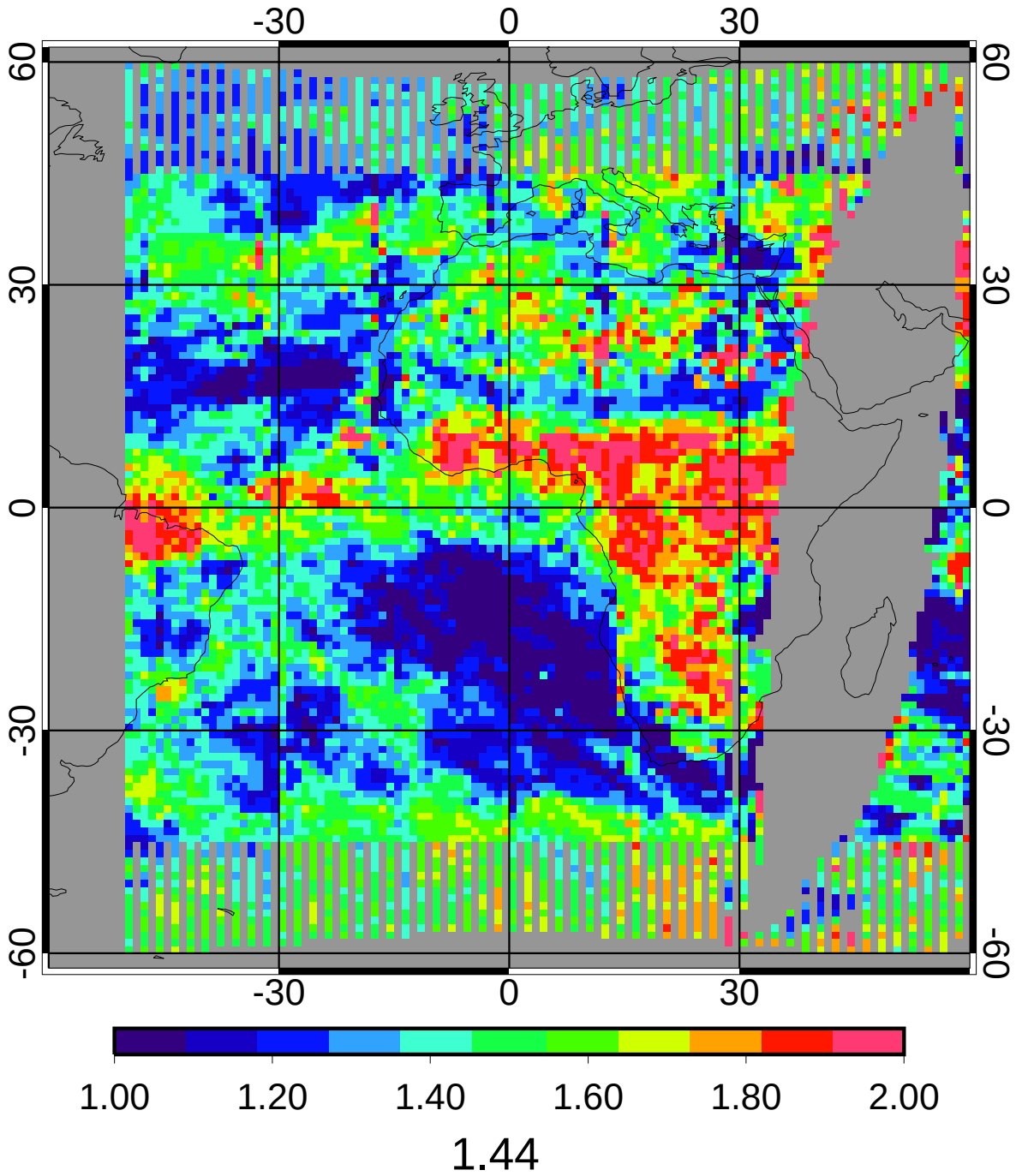
GGEO MEAN Nighttime Cloud Phase

5ch Apr 2010 (lapse rate)



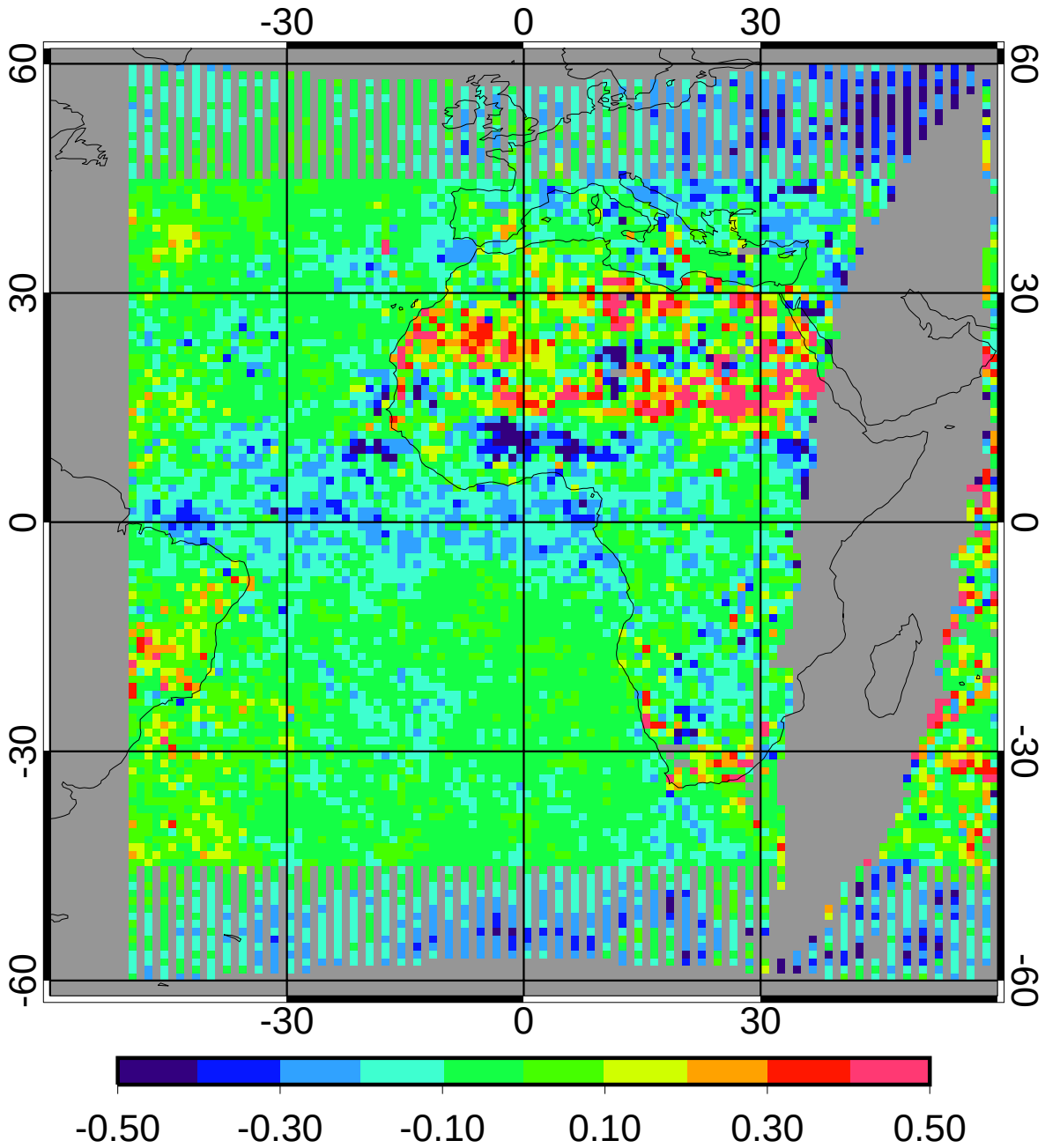
CERES/Aqua MEAN Nighttime Cloud Phase

5ch Apr 2010 (lapse rate)



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

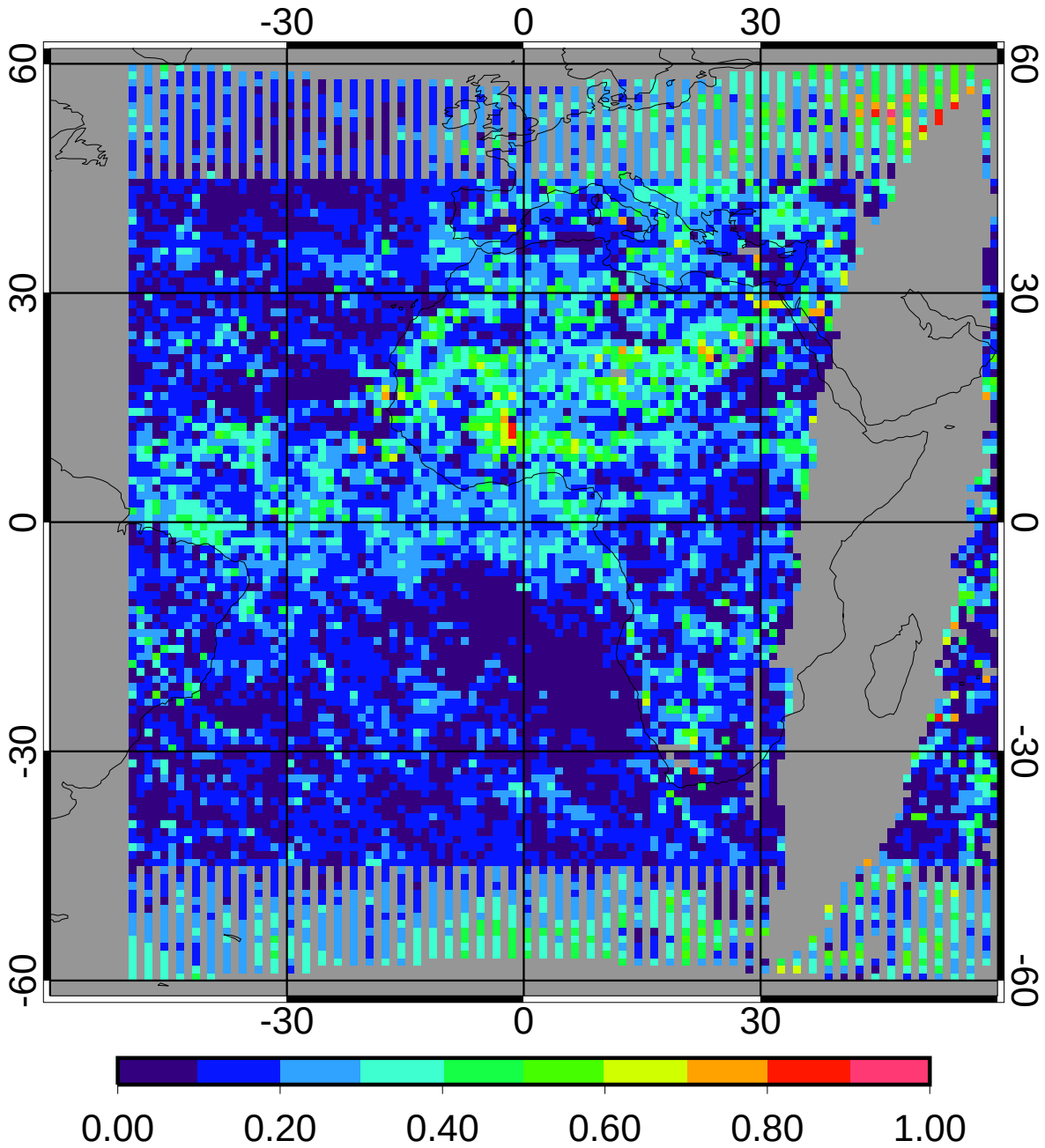
5ch Apr 2010 (lapse rate)



bias	-0.06	-3.83%
domain sigma	0.14	9.58%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

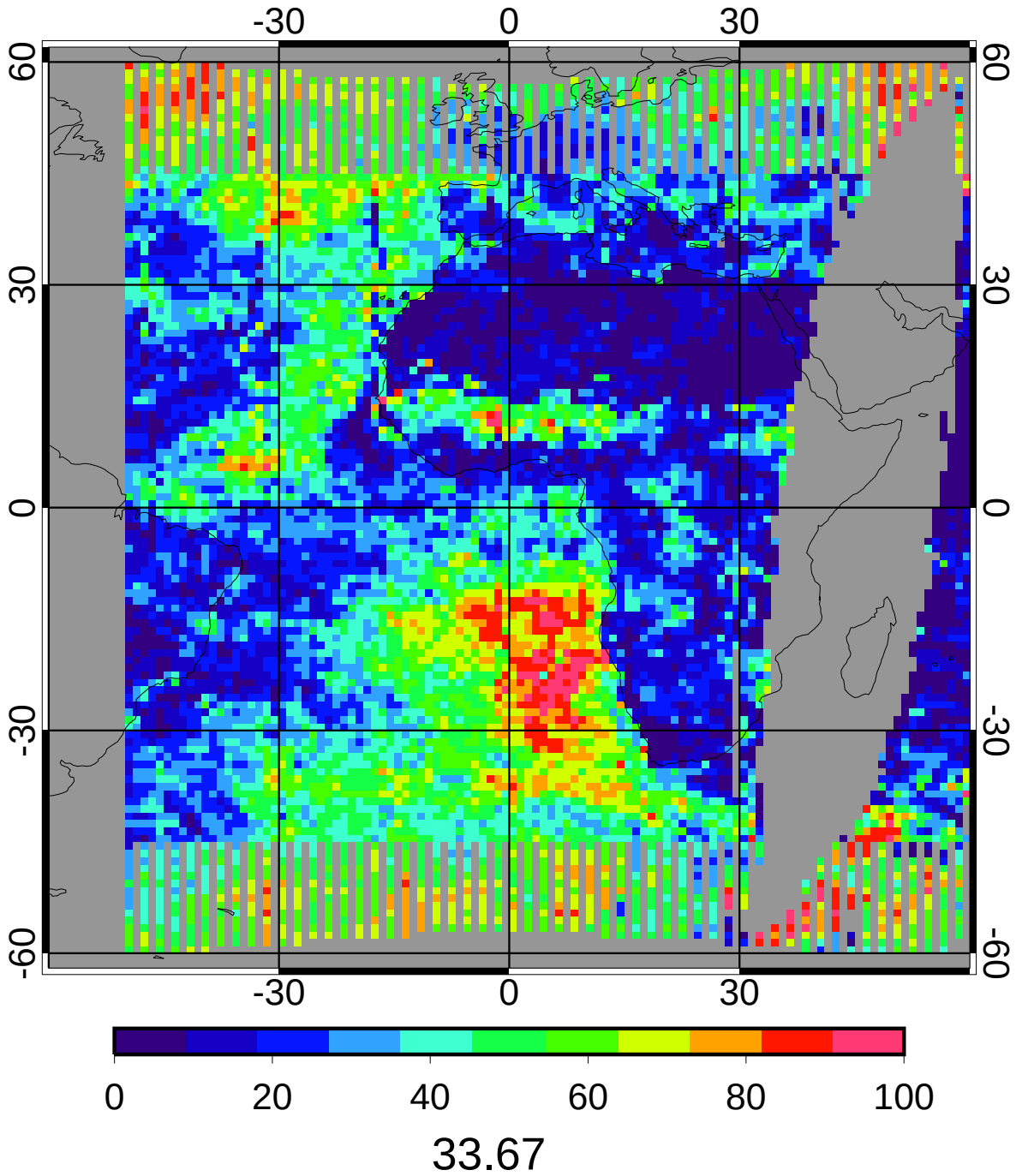
5ch Apr 2010 (lapse rate)



regave rms	0.18	12.76%
domain rms	0.20	13.90%

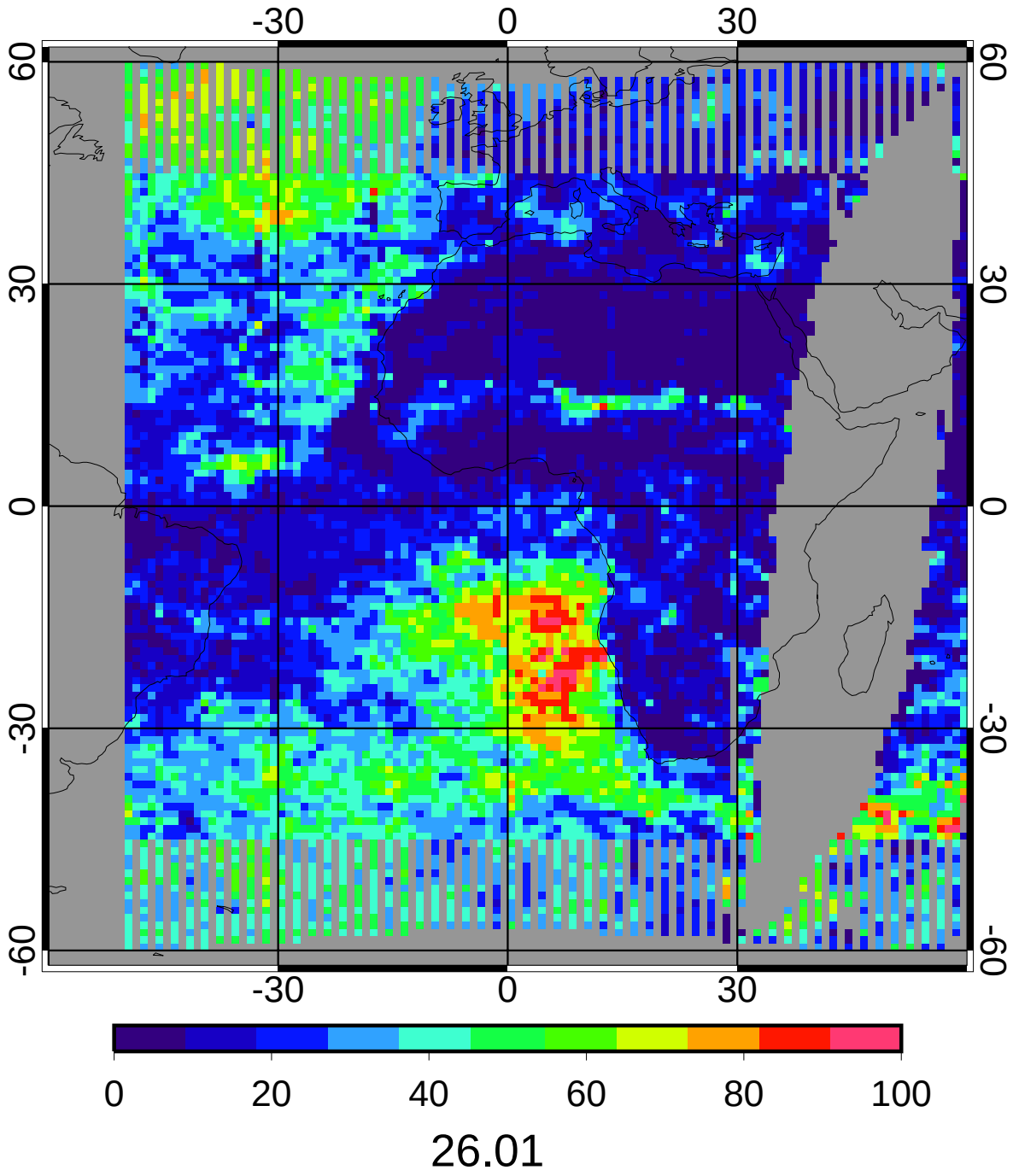
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch Apr 2010 (lapse rate)



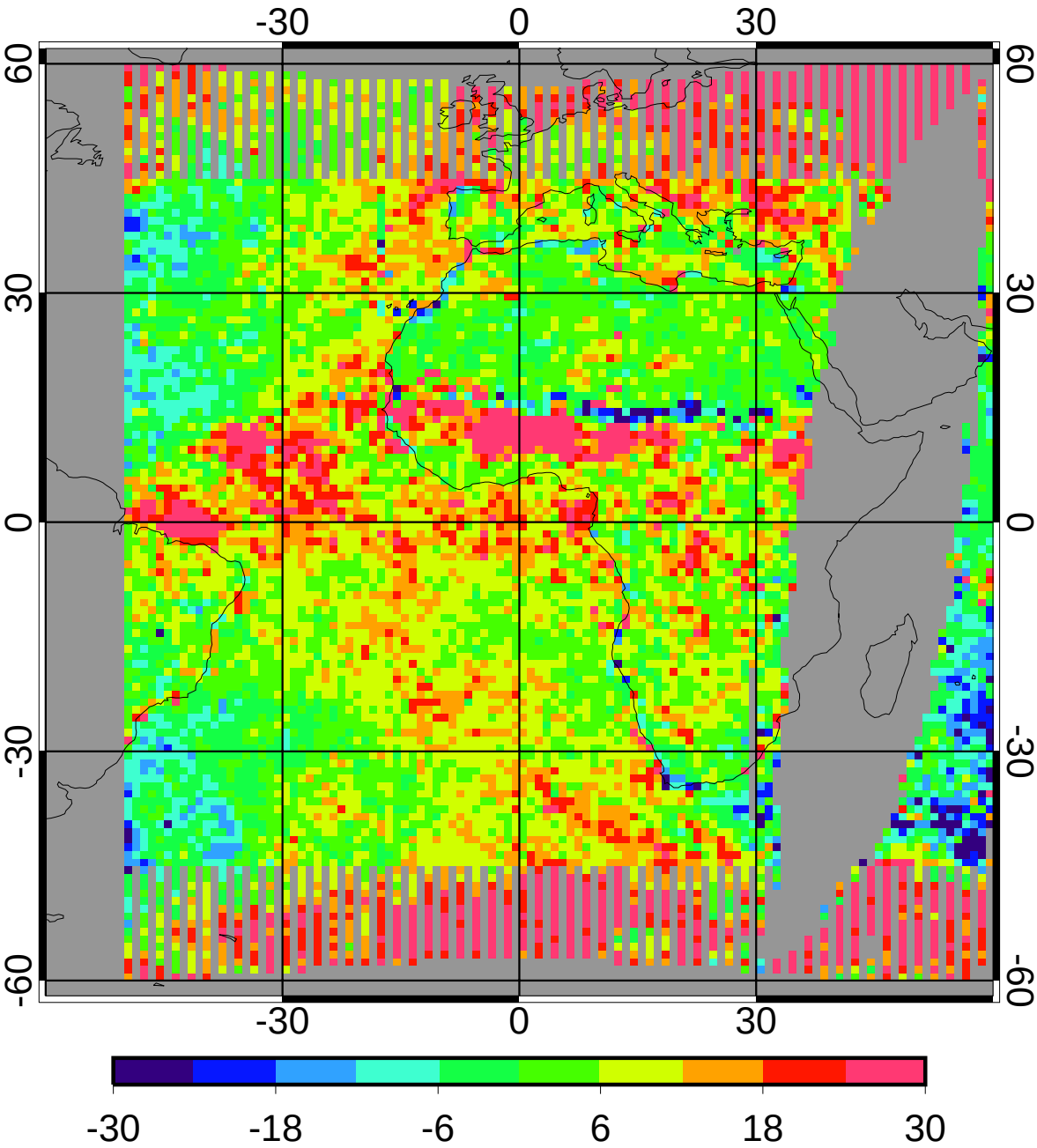
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch Apr 2010 (lapse rate)



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

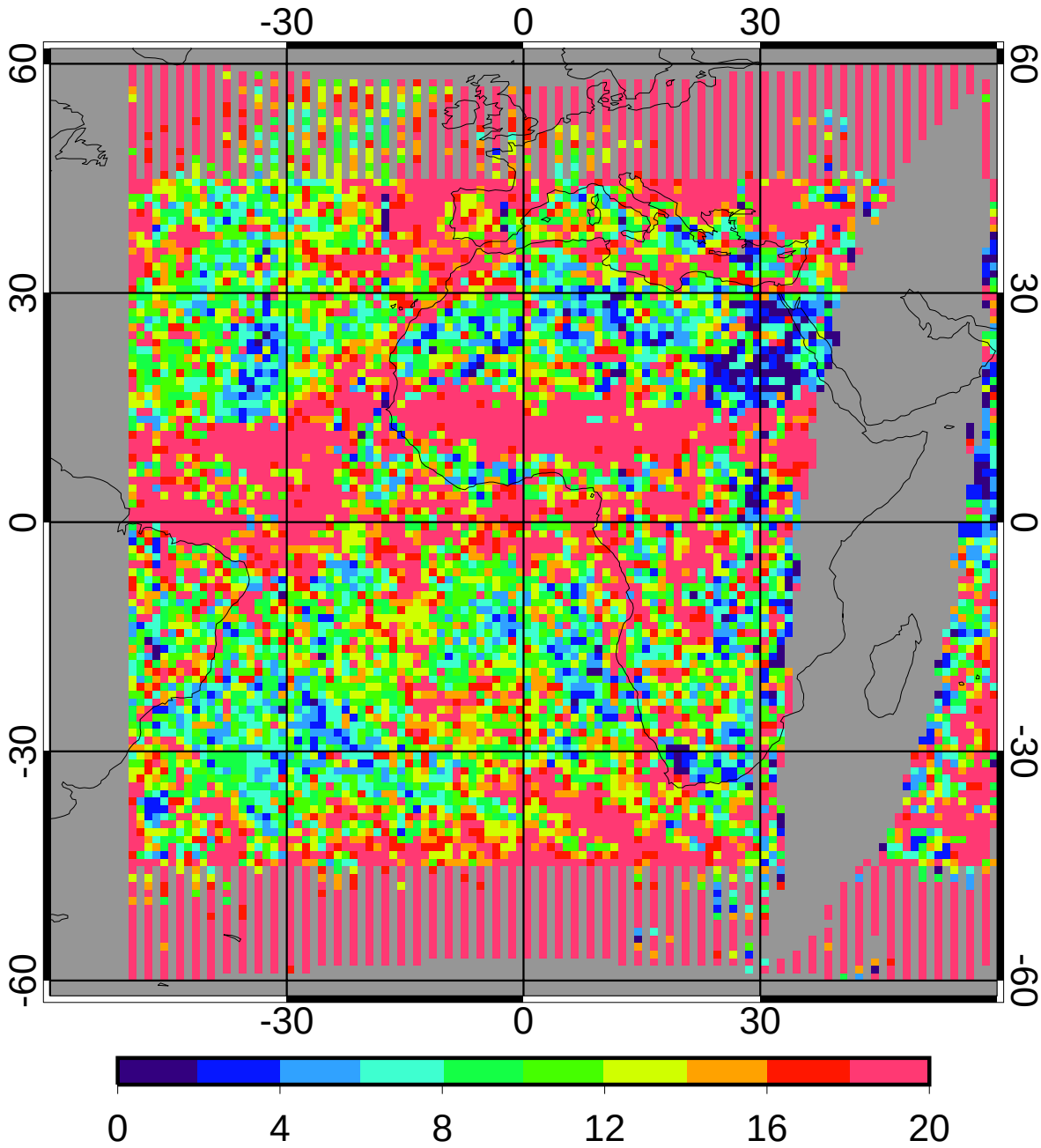
5ch Apr 2010 (lapse rate)



bias	7.66	29.44%
domain sigma	10.47	40.26%

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

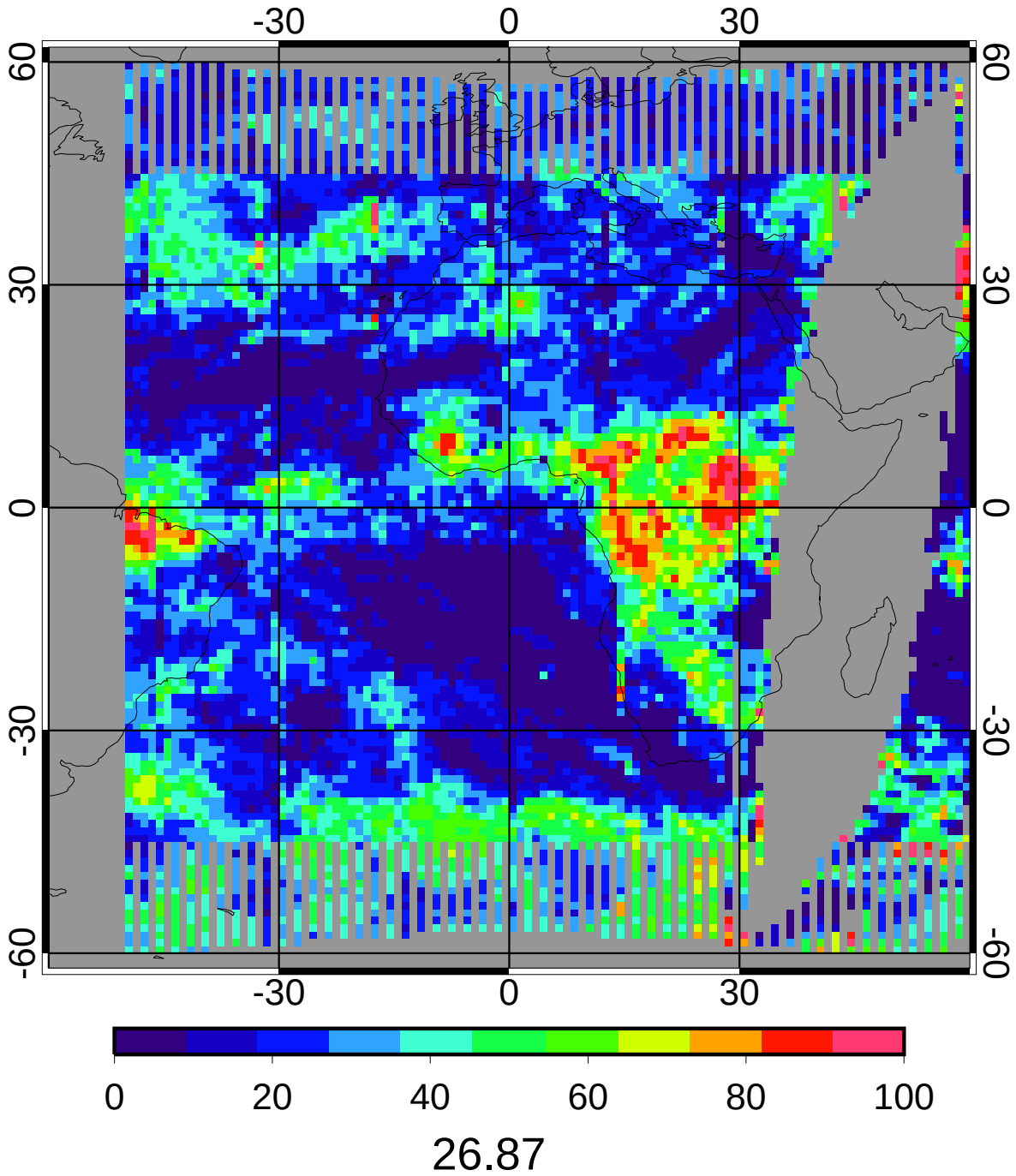
5ch Apr 2010 (lapse rate)



regave rms	16.79	64.56%
domain rms	18.93	72.77%

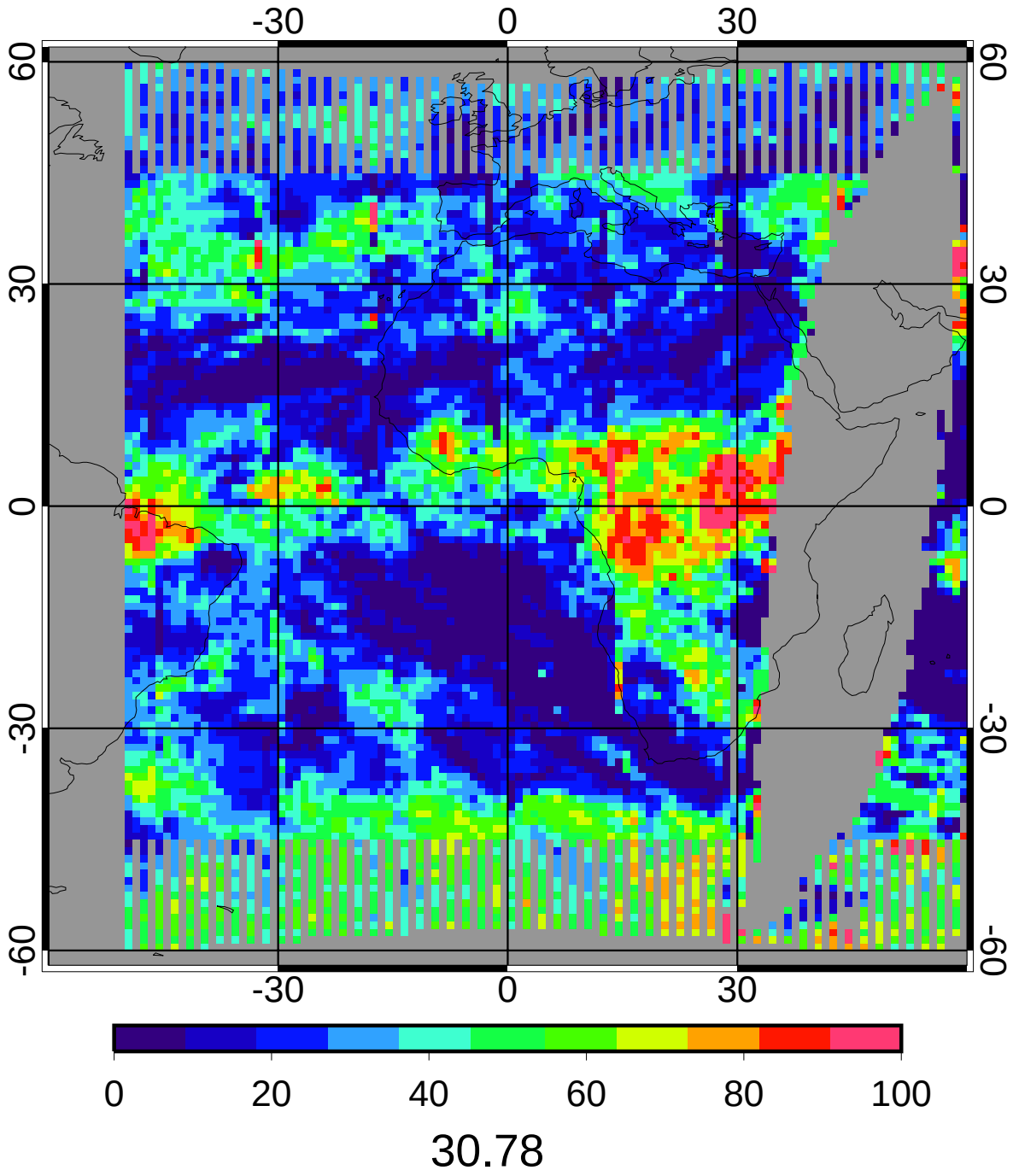
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch Apr 2010 (lapse rate)



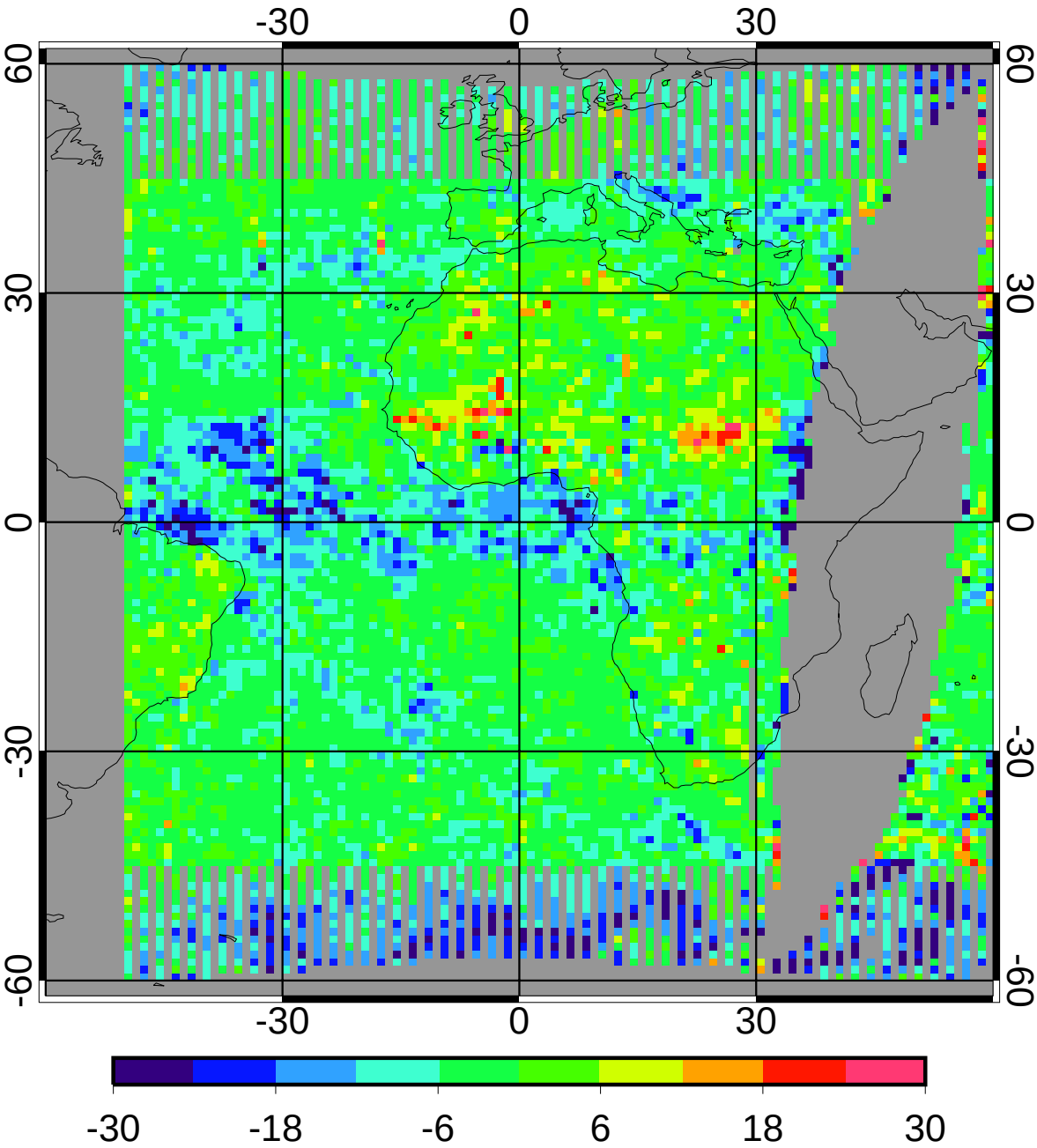
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch Apr 2010 (lapse rate)



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

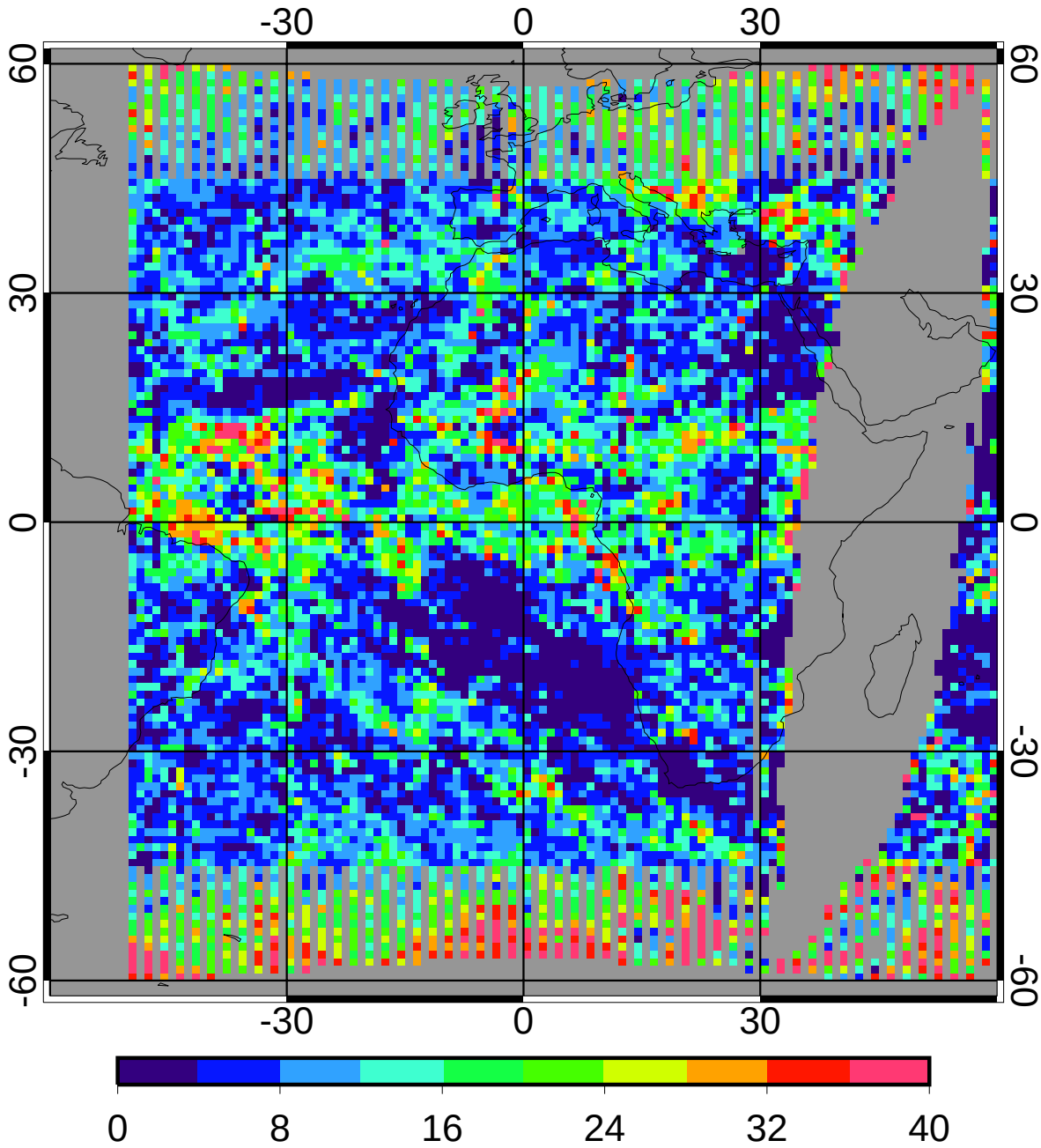
5ch Apr 2010 (lapse rate)



bias	-3.91	-12.70%
domain sigma	6.32	20.54%

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

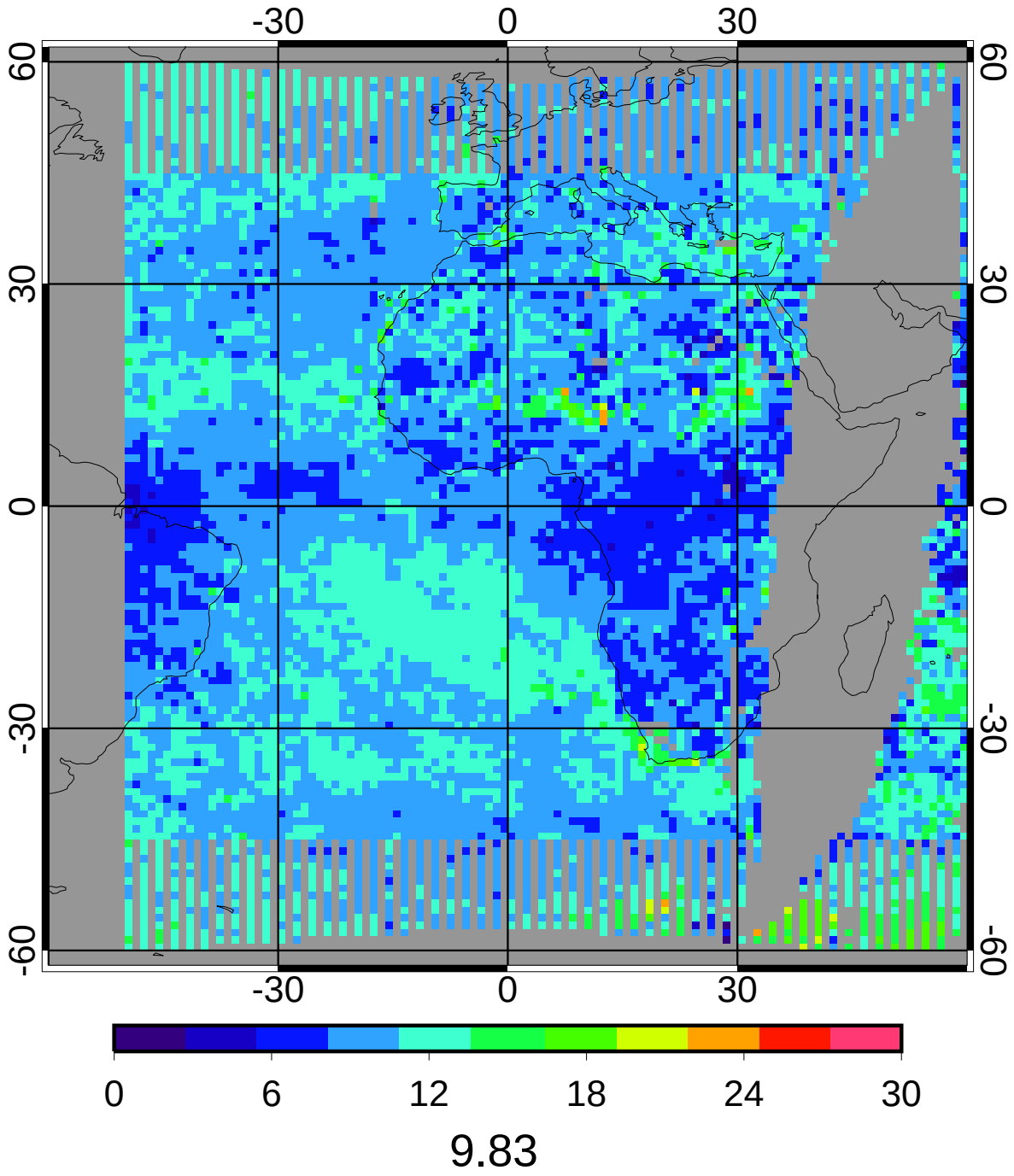
5ch Apr 2010 (lapse rate)



regave rms	11.31	36.74%
domain rms	13.33	43.31%

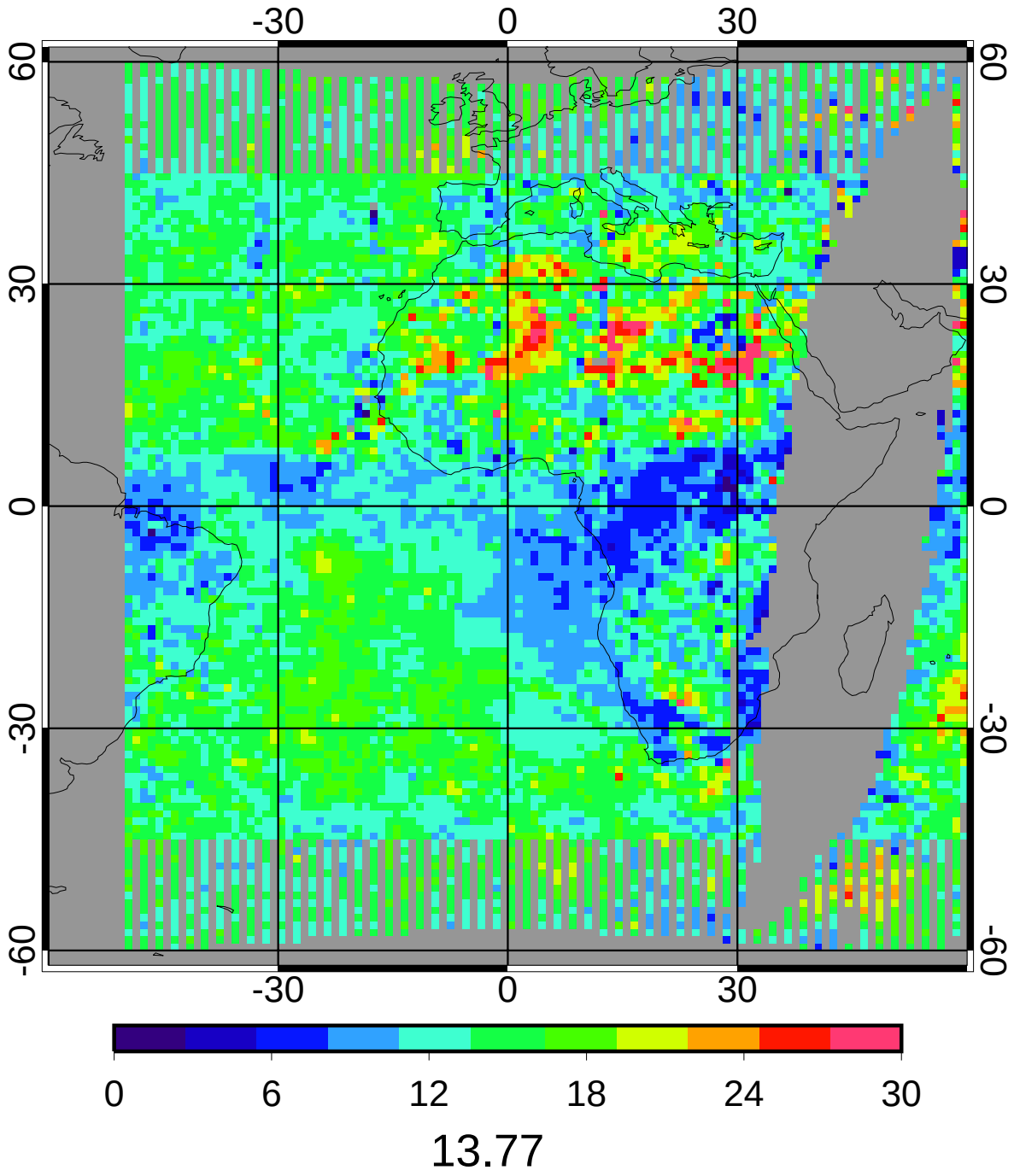
GGEO MEAN Nighttime Liquid Particle Size (microns)

5ch Apr 2010 (lapse rate)



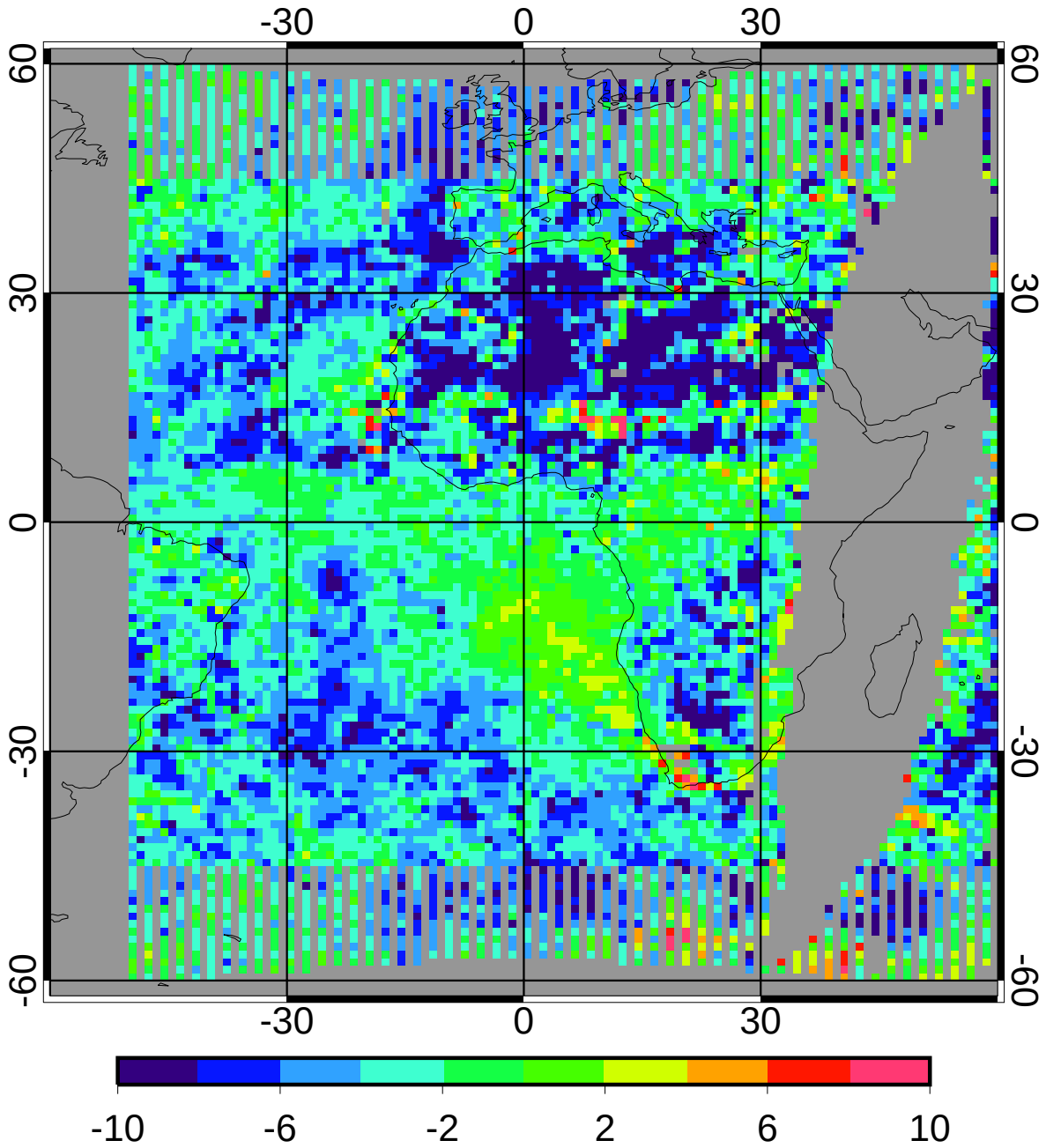
CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

5ch Apr 2010 (lapse rate)



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

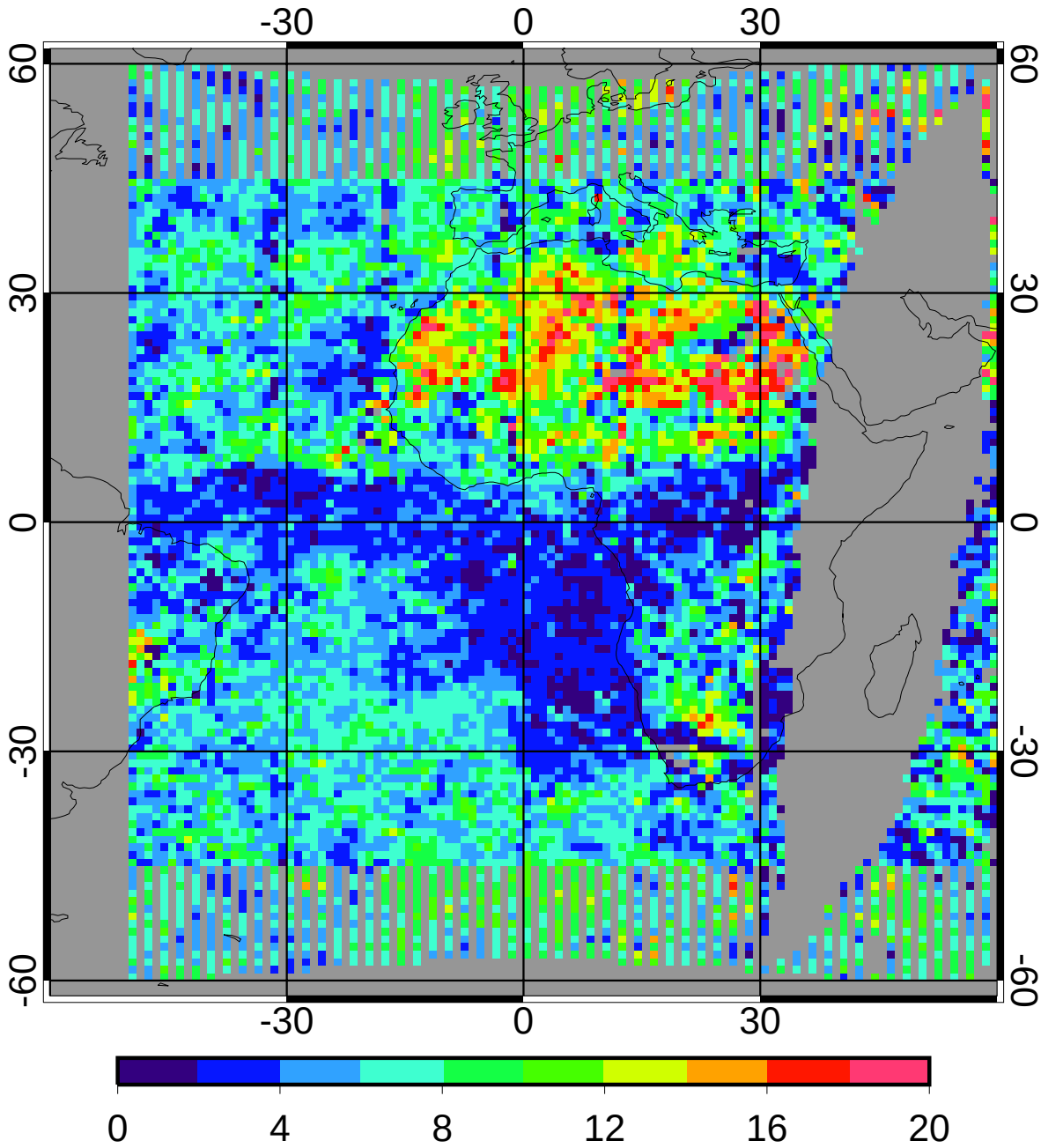
5ch Apr 2010 (lapse rate)



bias	-3.84	-27.88%
domain sigma	3.15	22.91%

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

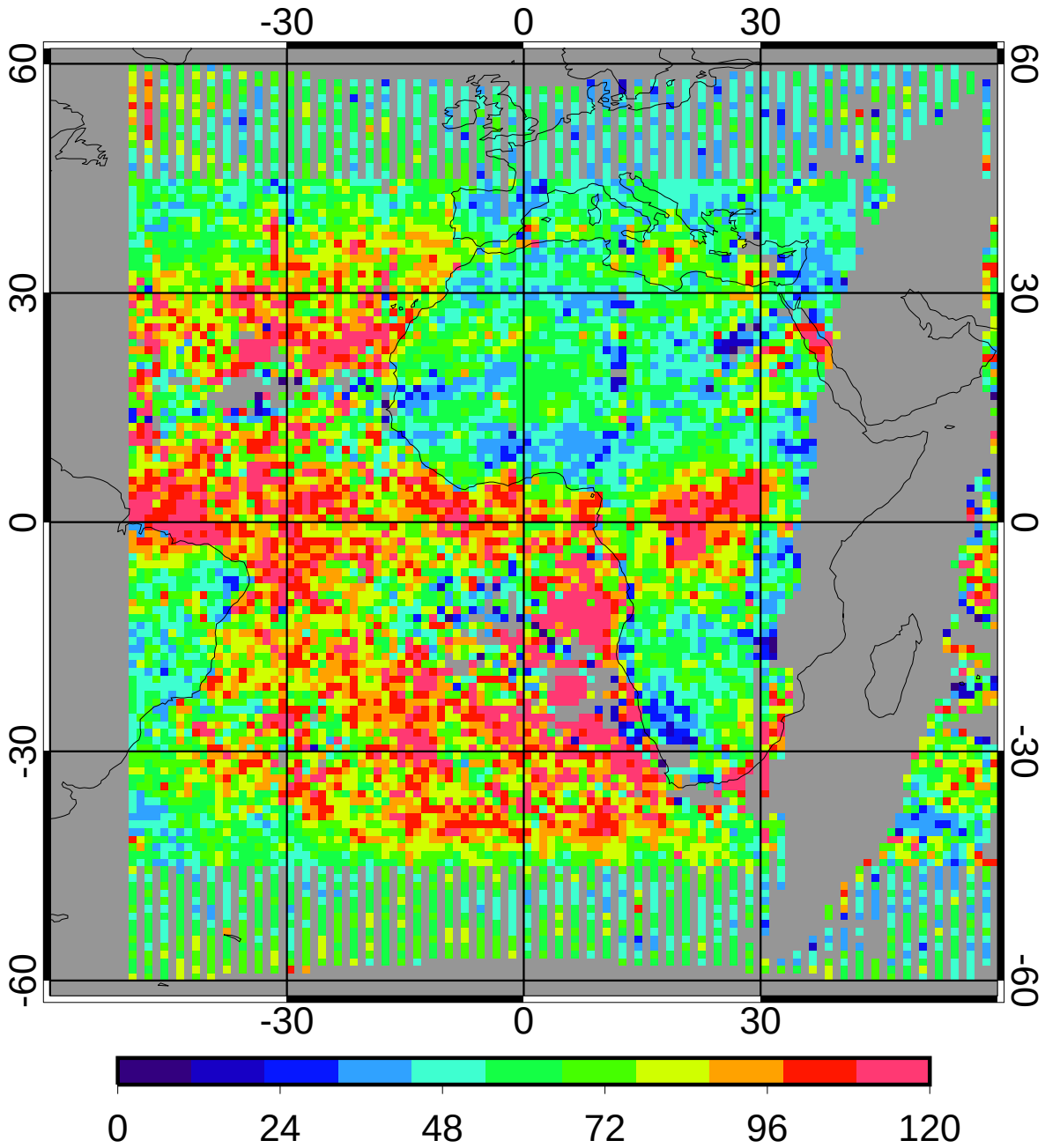
5ch Apr 2010 (lapse rate)



regave rms	6.38	46.33%
domain rms	6.59	47.85%

GGEO MEAN Nighttime Ice Particle Size (microns)

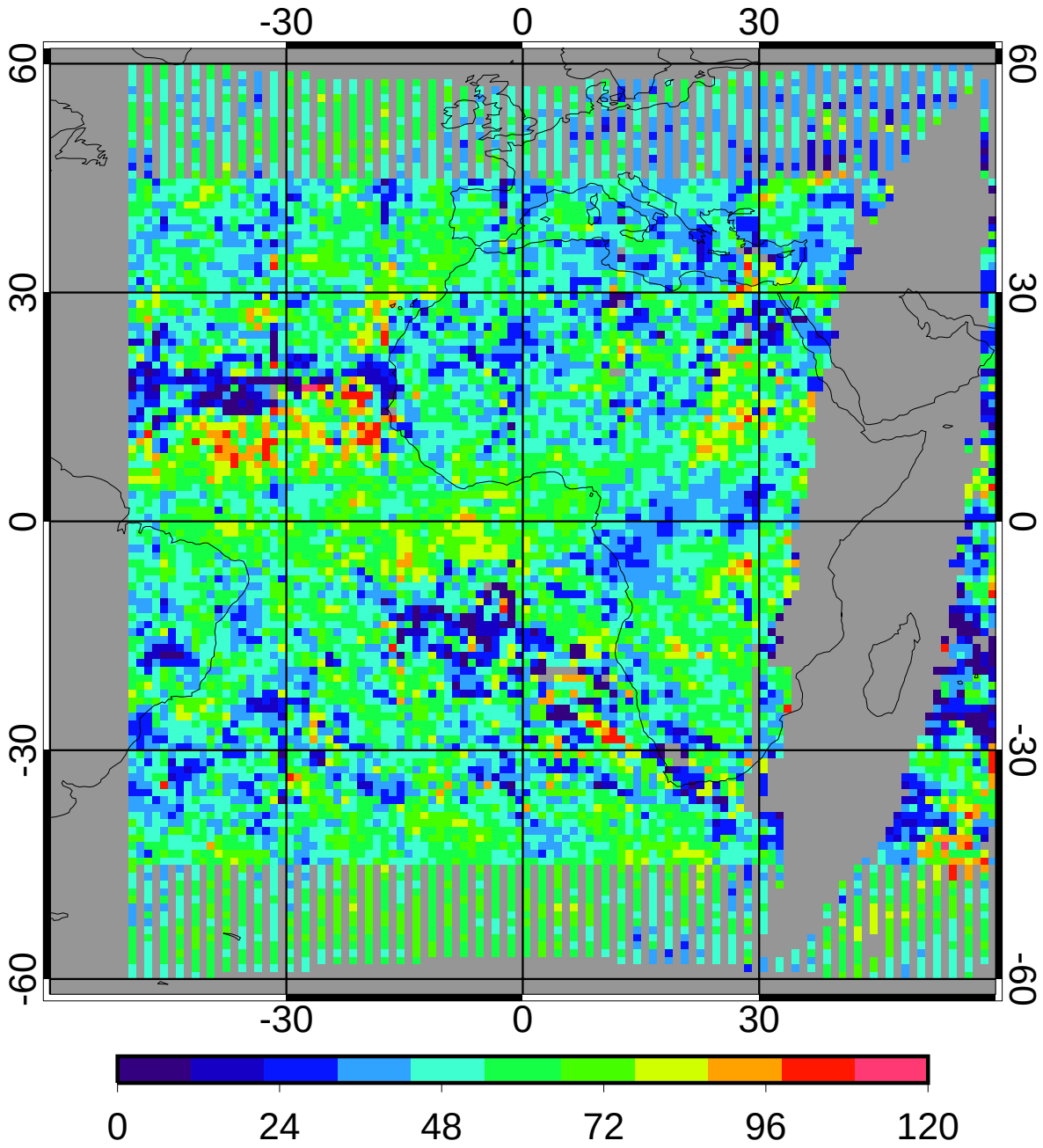
5ch Apr 2010 (lapse rate)



69.36

CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

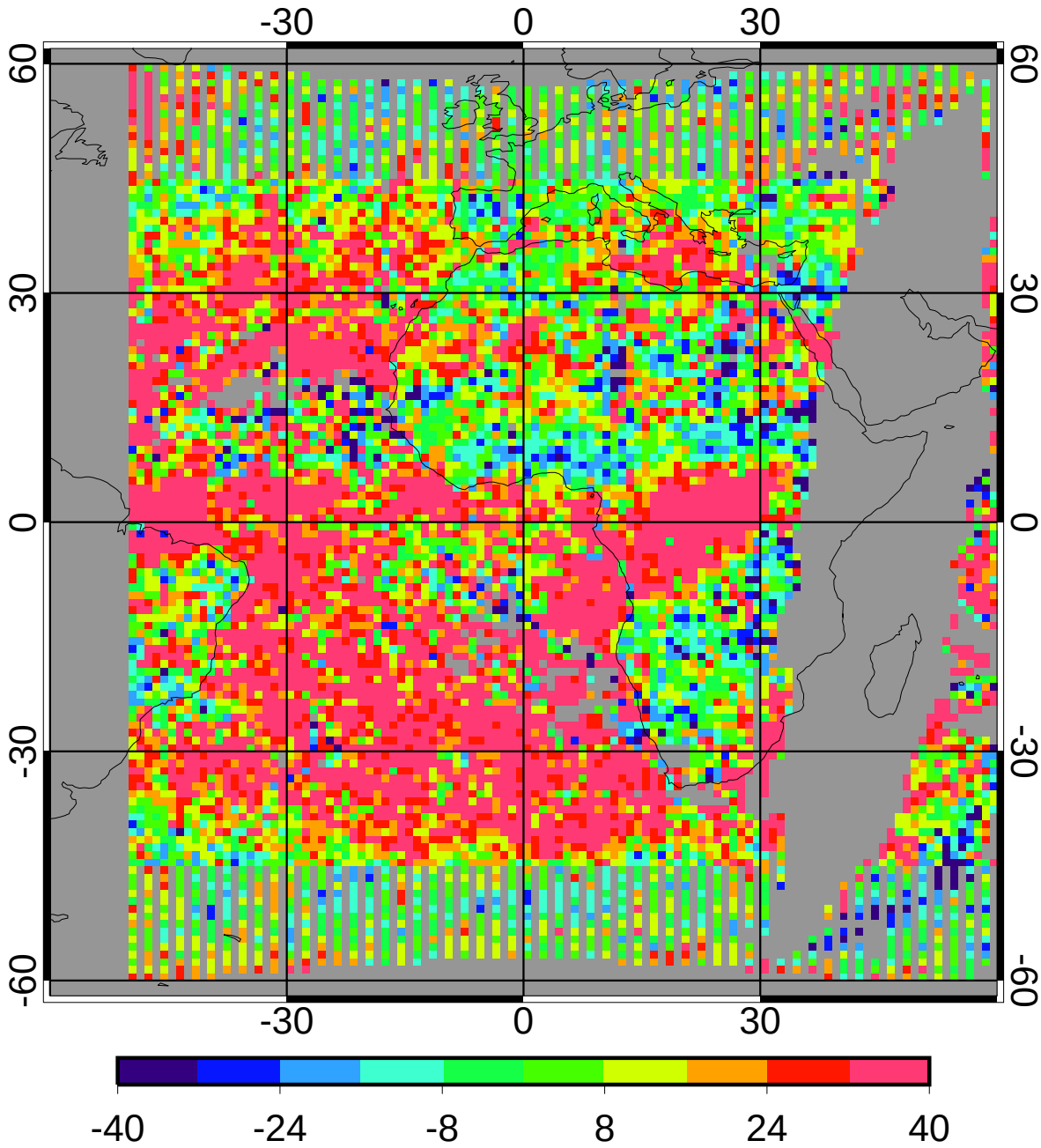
5ch Apr 2010 (lapse rate)



51.33

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

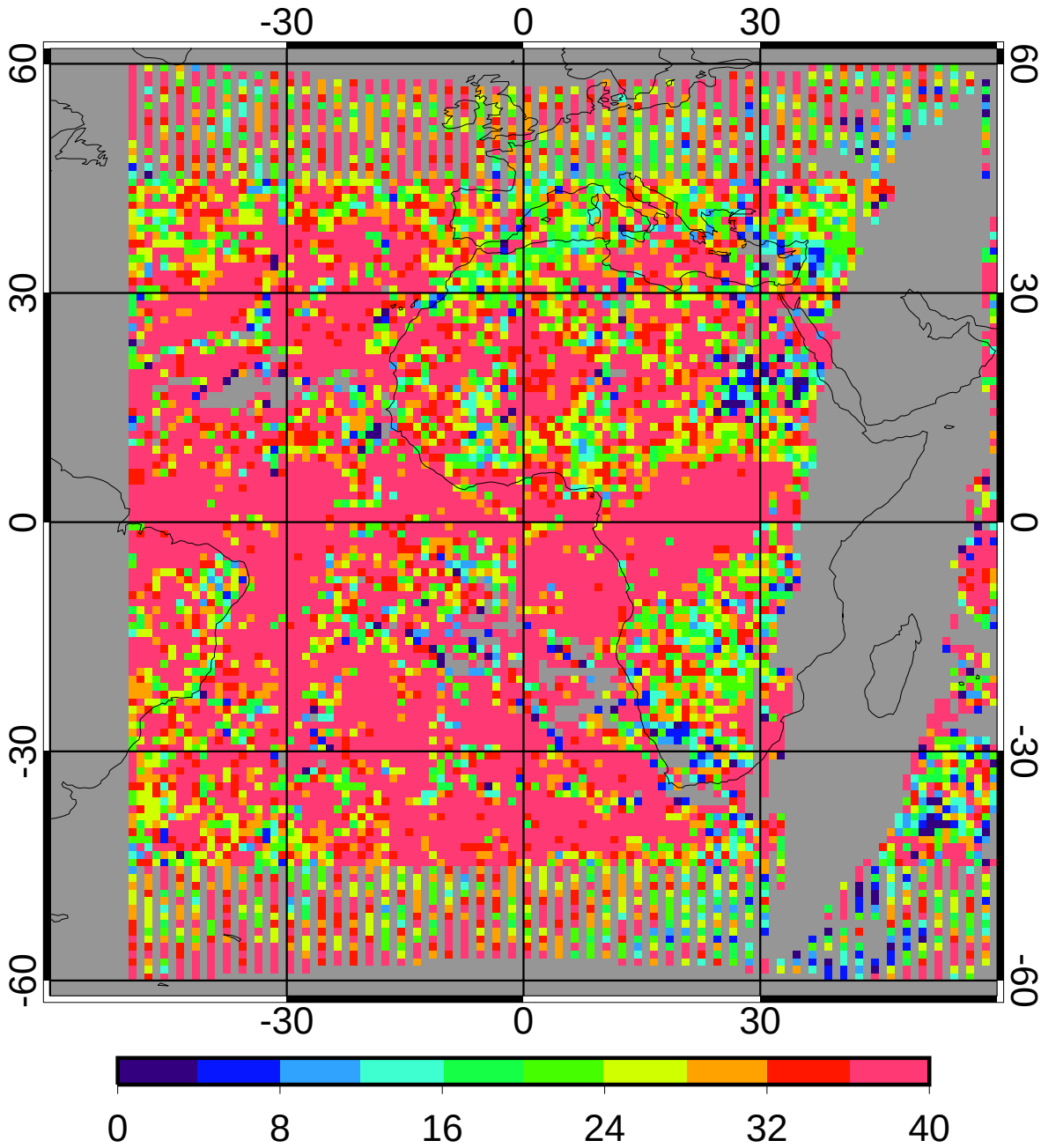
5ch Apr 2010 (lapse rate)



bias	18.88	36.78%
domain sigma	25.08	48.86%

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

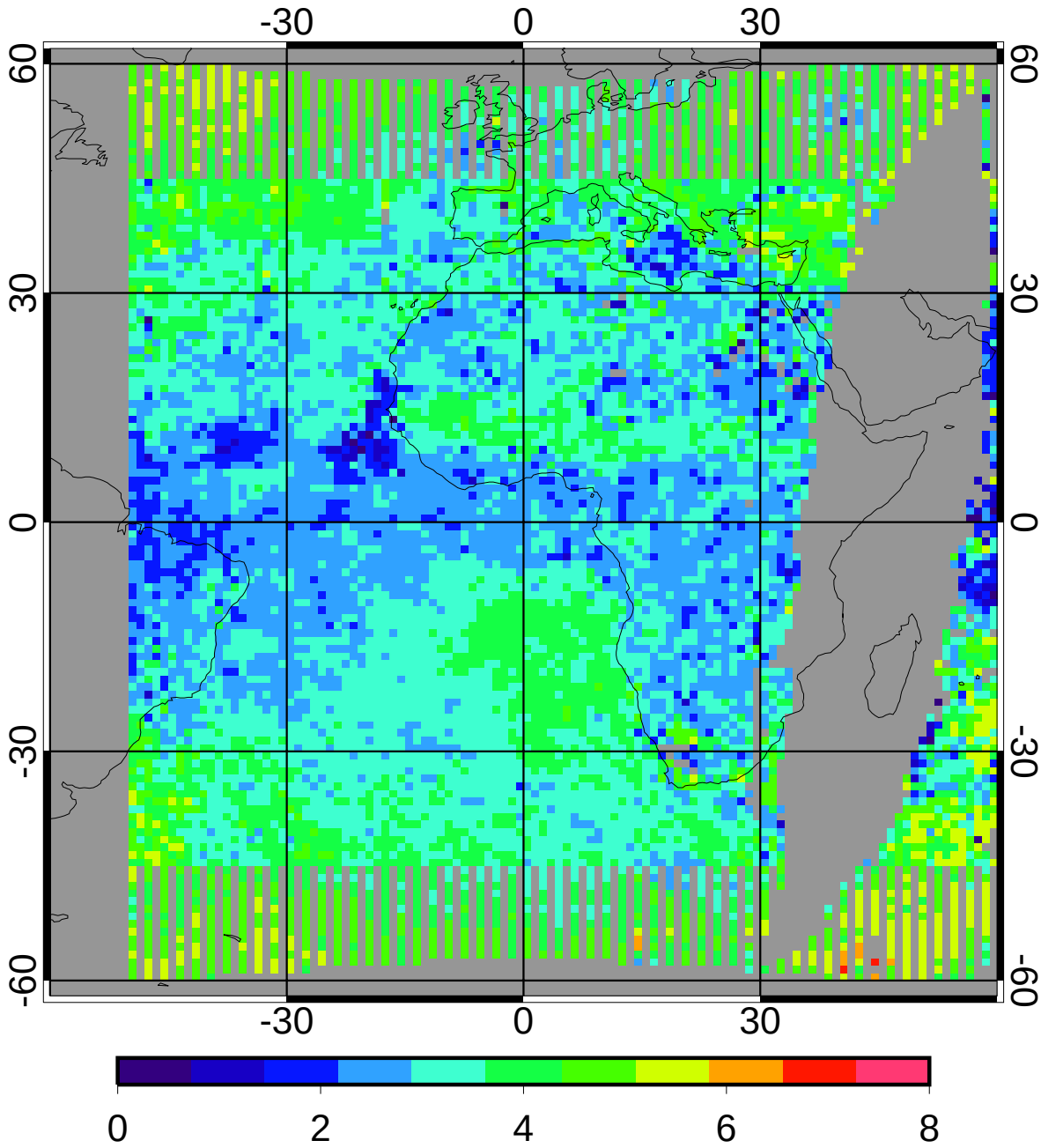
5ch Apr 2010 (lapse rate)



regave rms	36.68	71.45%
domain rms	38.48	74.96%

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

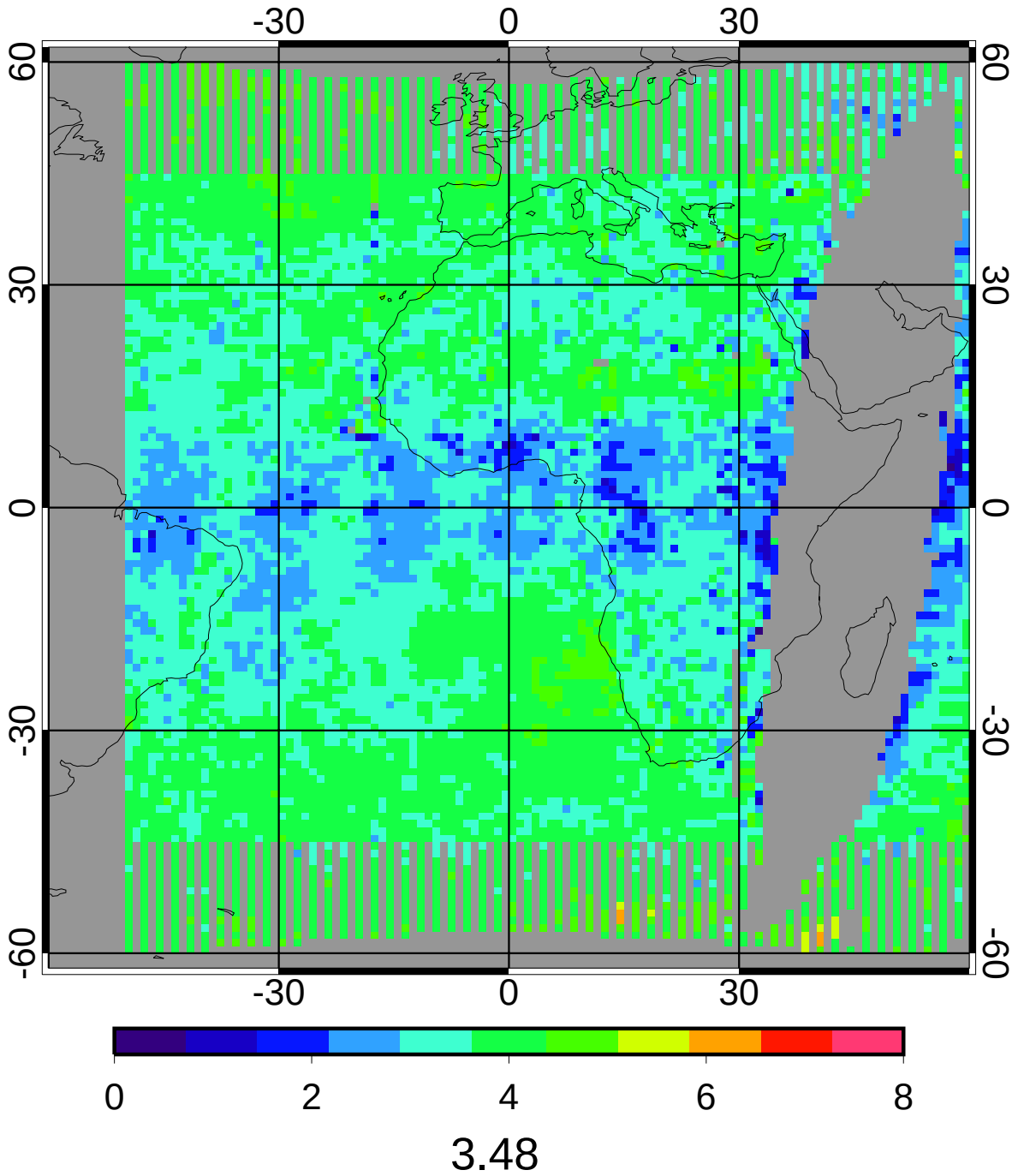
5ch Apr 2010 (lapse rate)



3.23

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

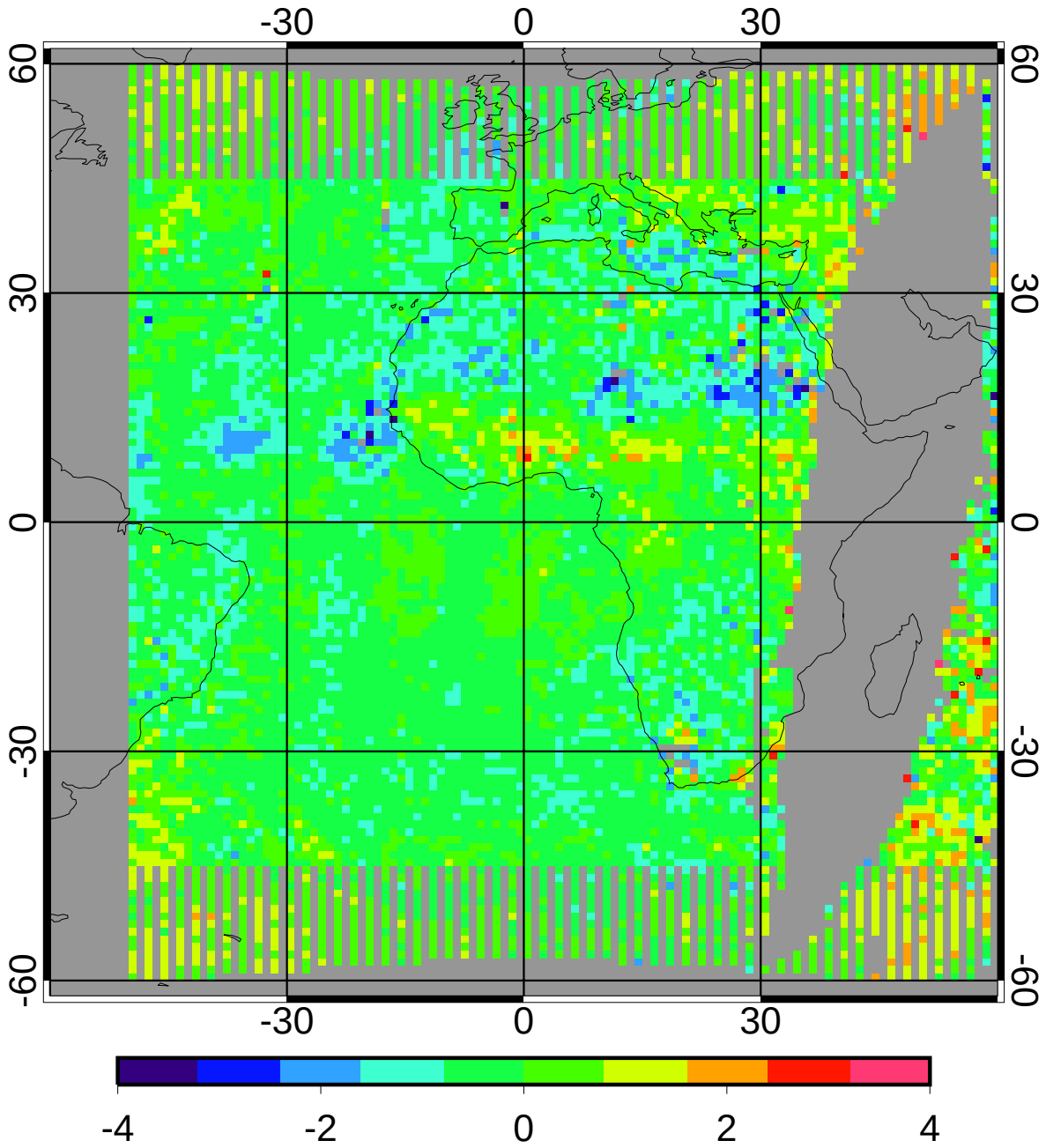
5ch Apr 2010 (lapse rate)



3.48

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

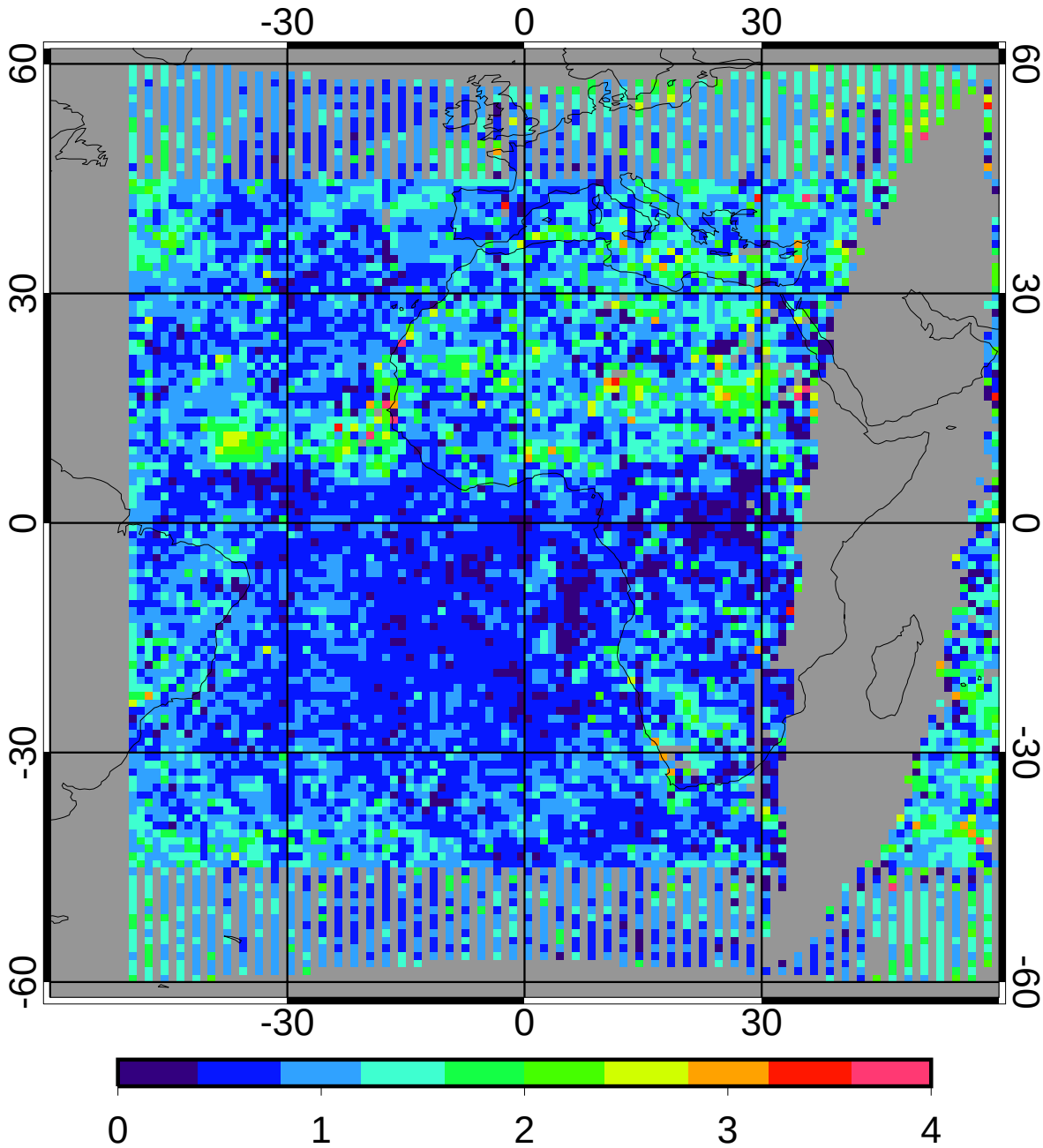
5ch Apr 2010 (lapse rate)



bias	-0.22	-6.36%
domain sigma	0.61	17.65%

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

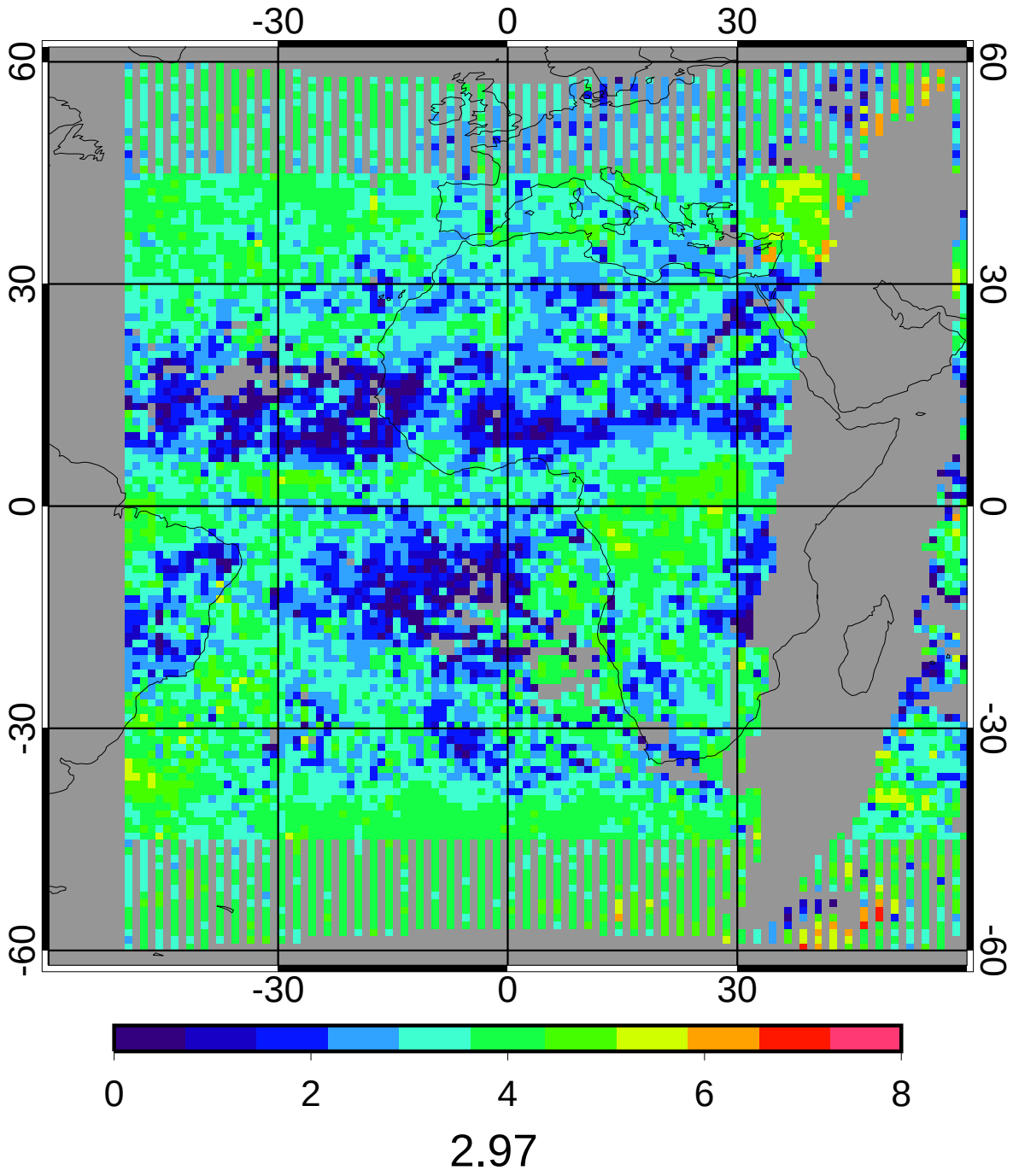
5ch Apr 2010 (lapse rate)



regave rms	0.94	27.06%
domain rms	0.94	27.07%

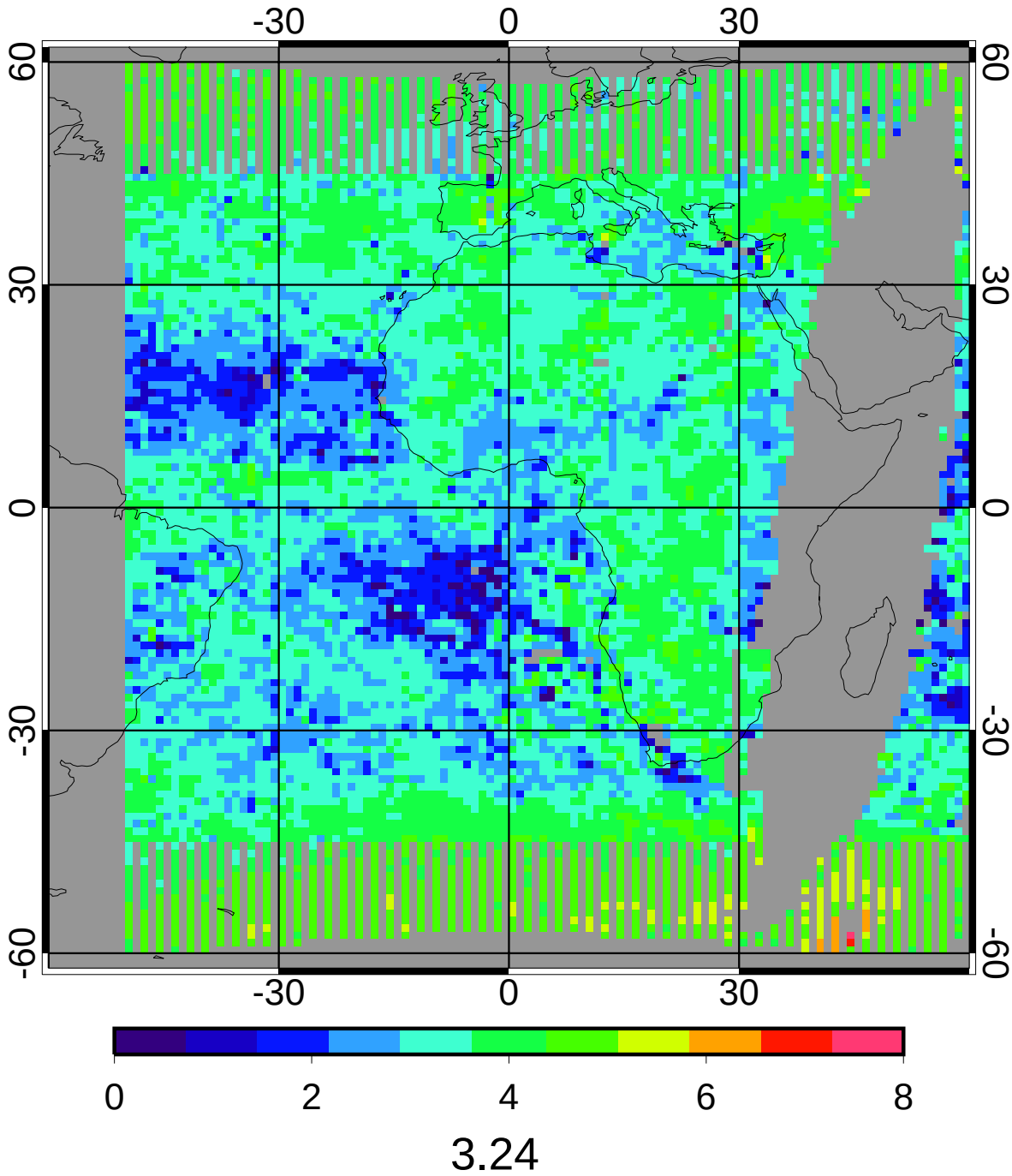
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch Apr 2010 (lapse rate)



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

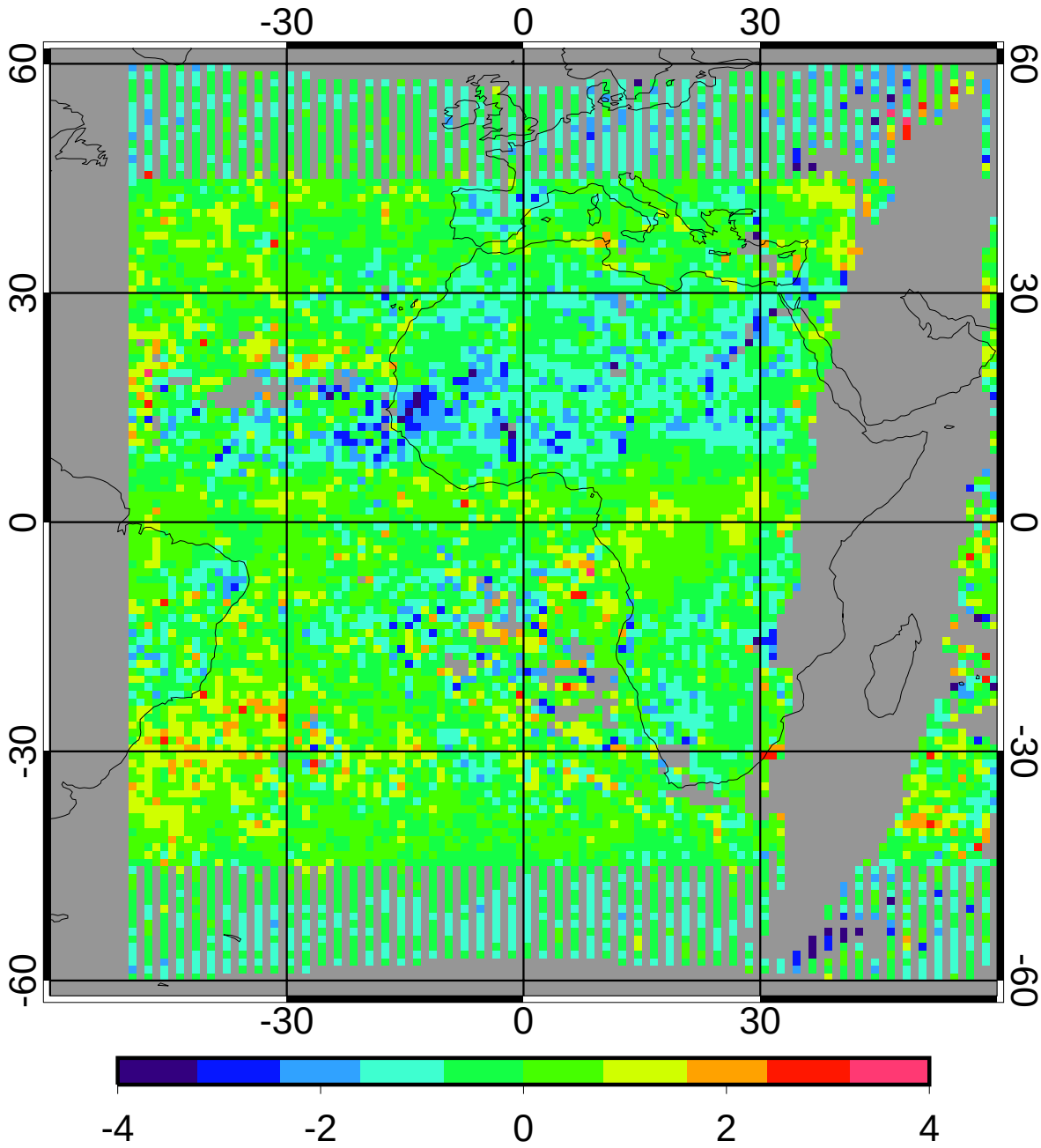
5ch Apr 2010 (lapse rate)



3.24

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

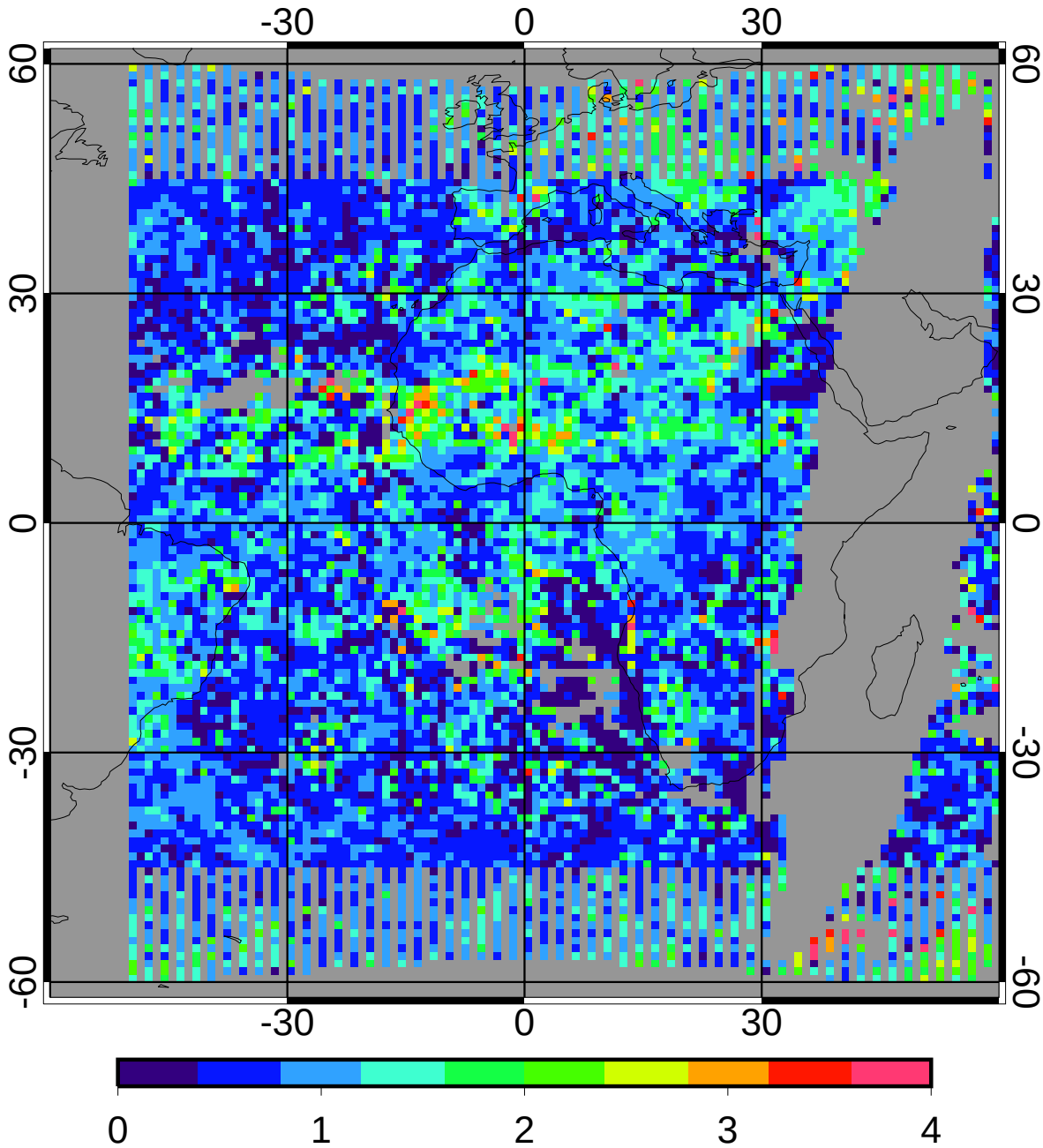
5ch Apr 2010 (lapse rate)



bias	-0.20	-6.28%
domain sigma	0.76	23.57%

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

5ch Apr 2010 (lapse rate)



regave rms	0.91	28.11%
domain rms	1.02	31.37%