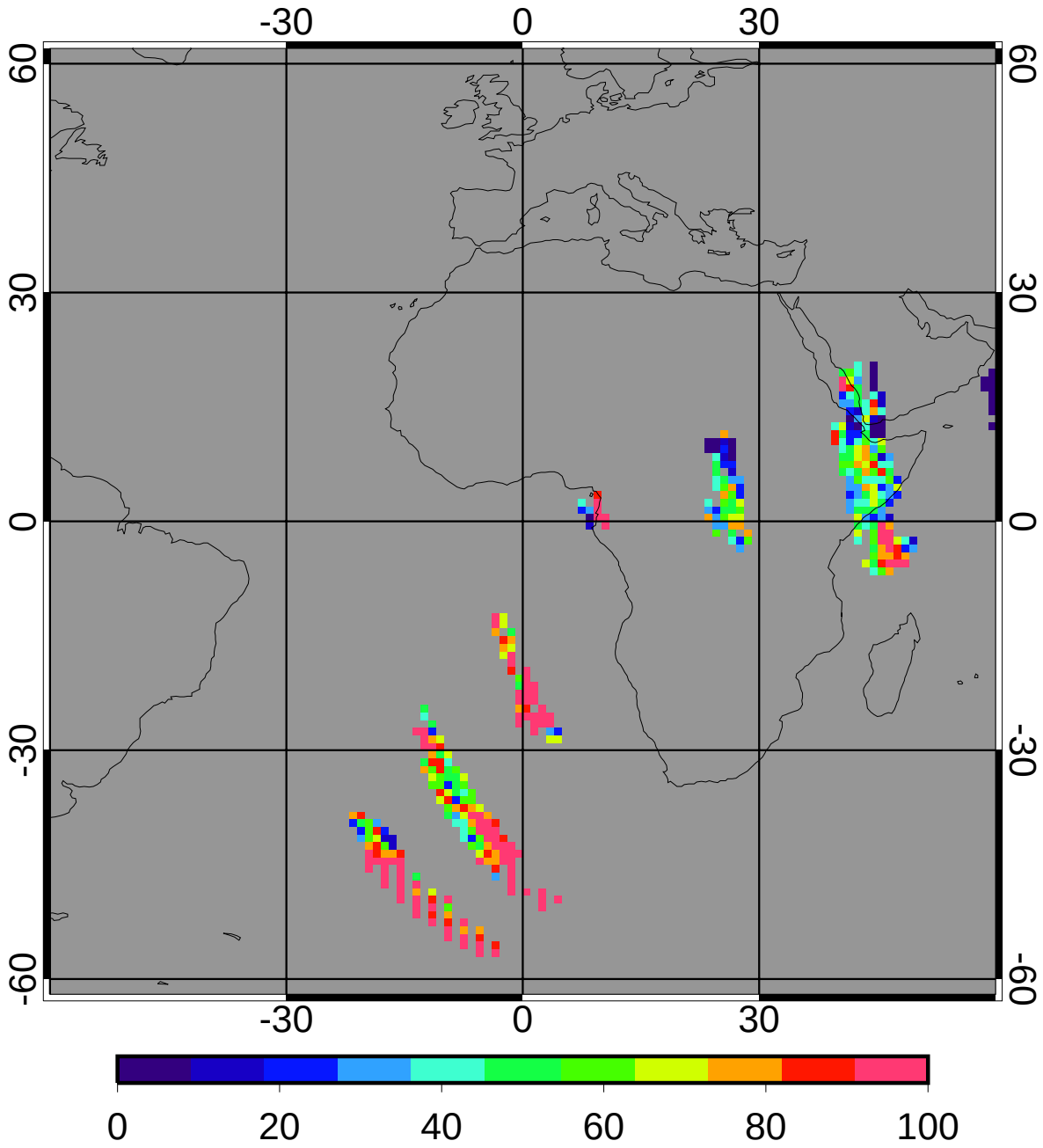
GGEO MEAN Daytime Cloud Amount (%)

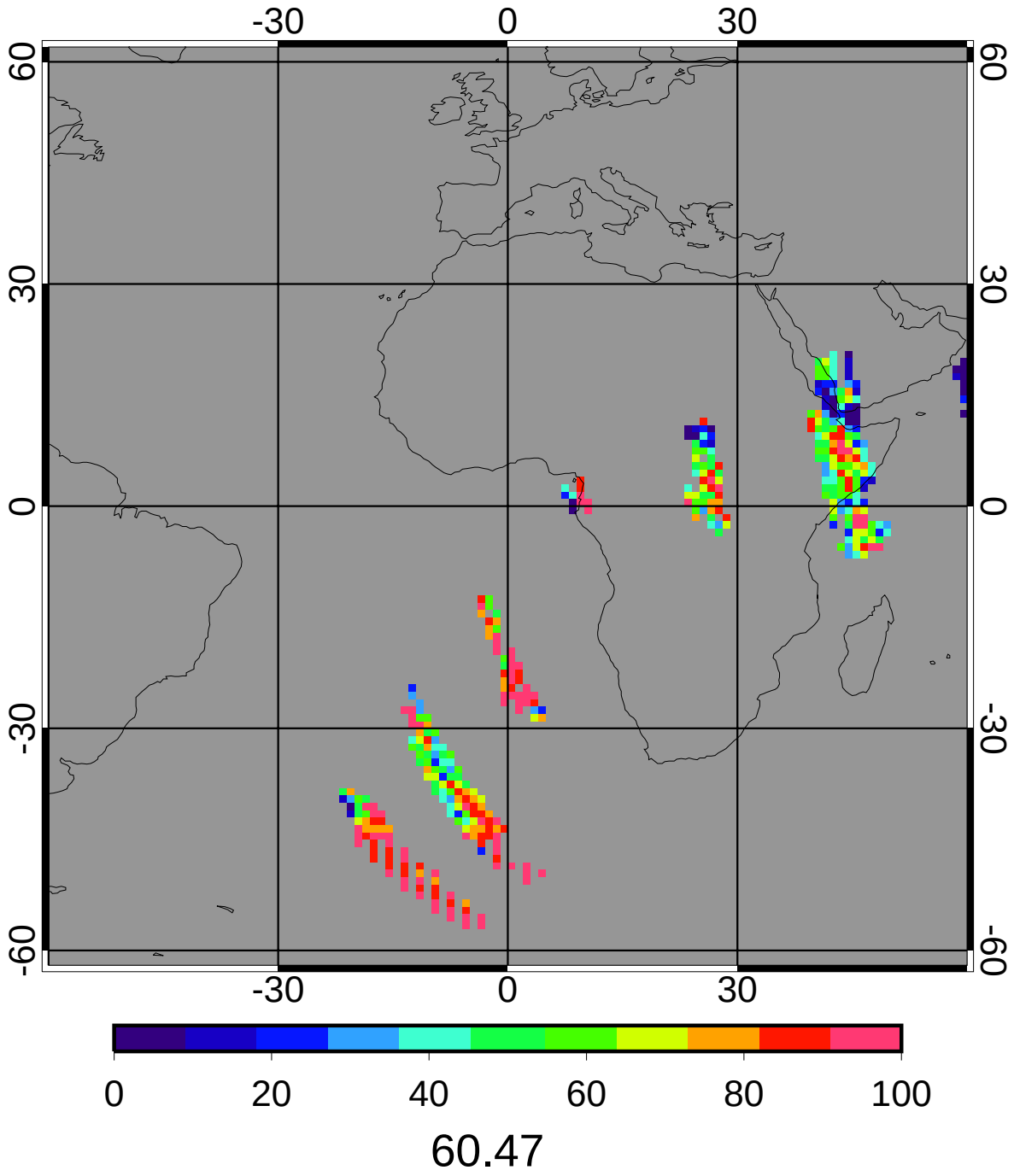
5ch Apr 2010 (matched angle) (lapse rate)



58.59

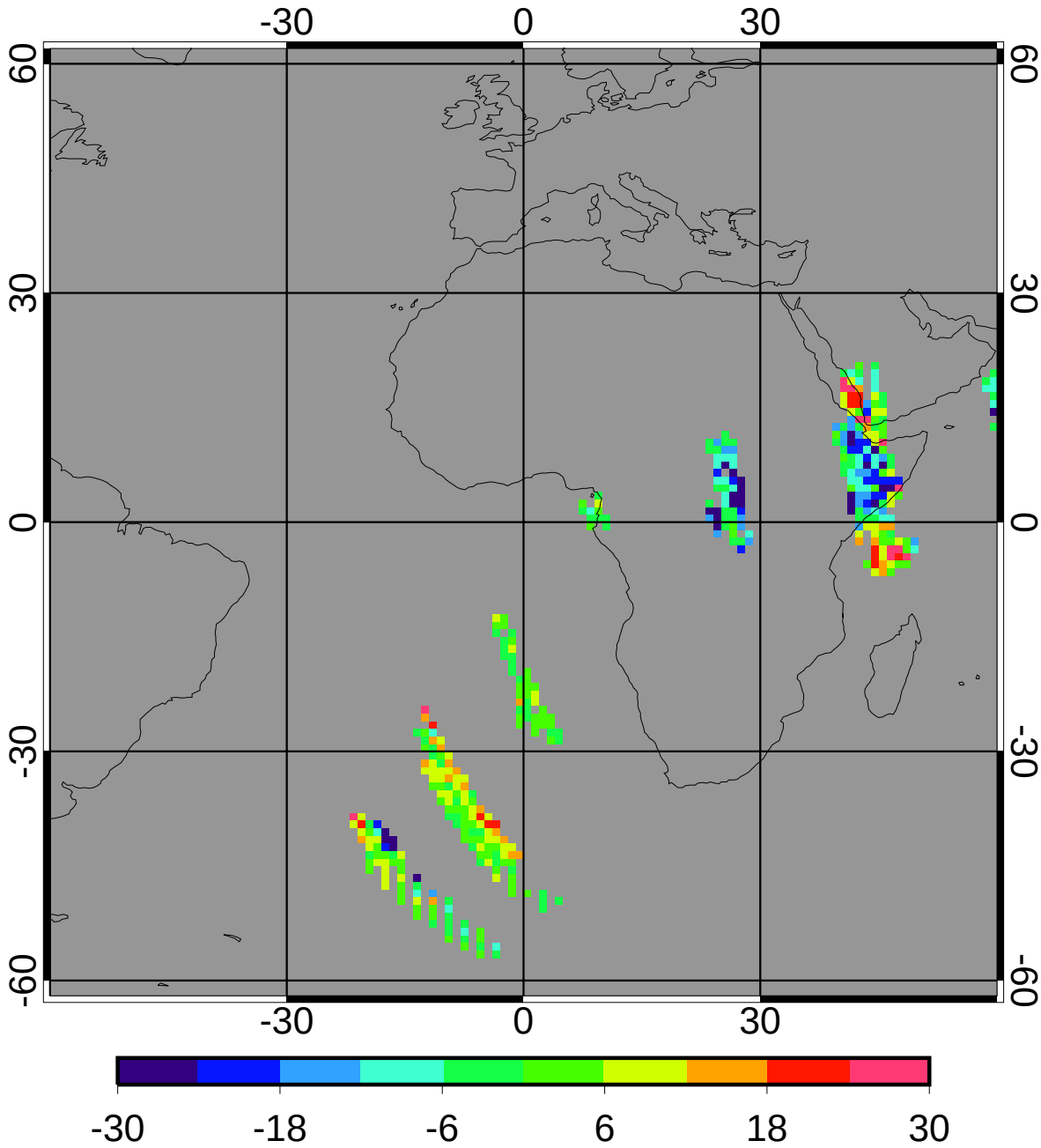
CERES/Aqua MEAN Daytime Cloud Amount (%)

5ch Apr 2010 (matched angle) (lapse rate)



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

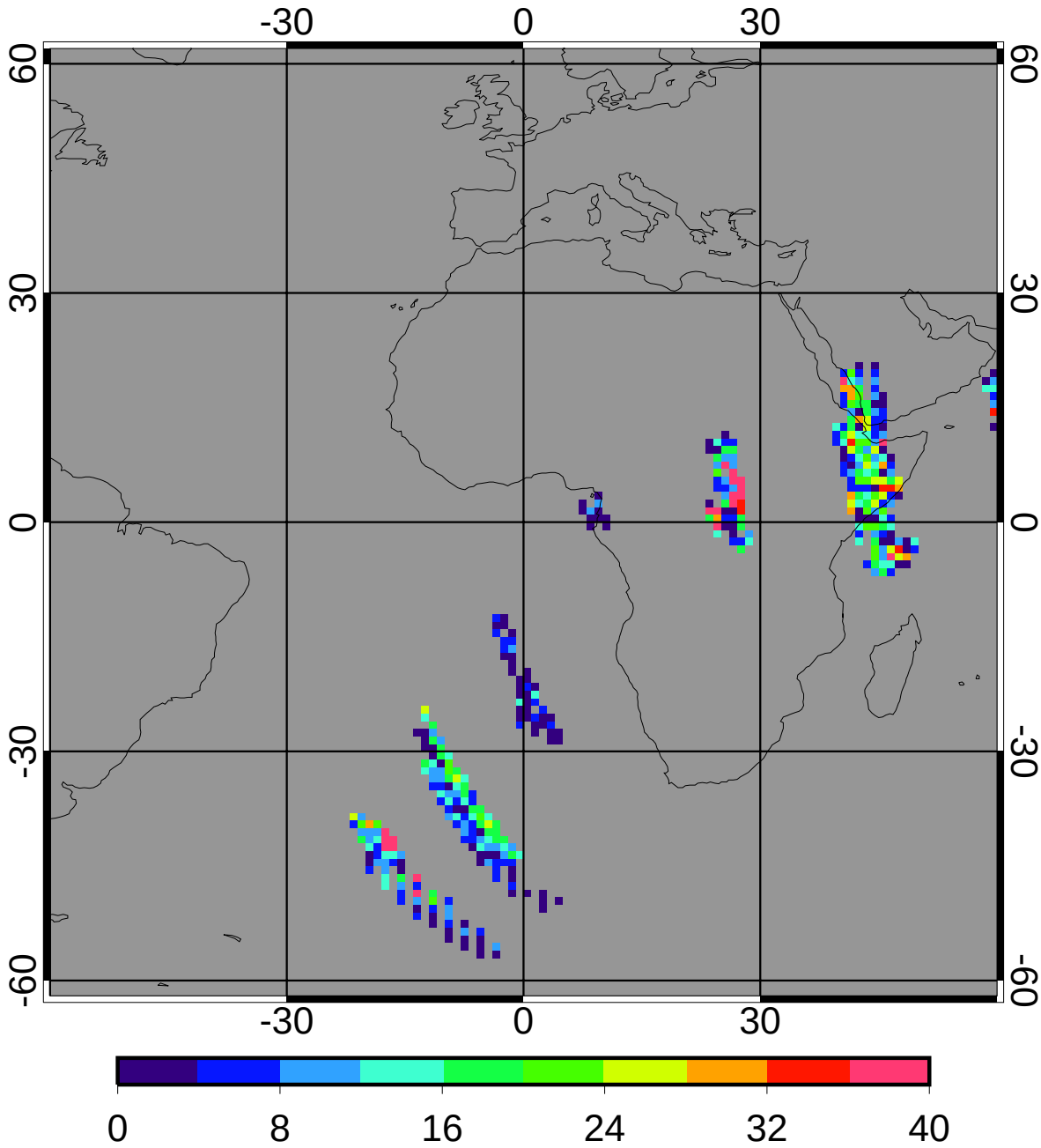
5ch Apr 2010 (matched angle) (lapse rate)



bias	-1.88	-3.11%
domain sigma	14.01	23.17%

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

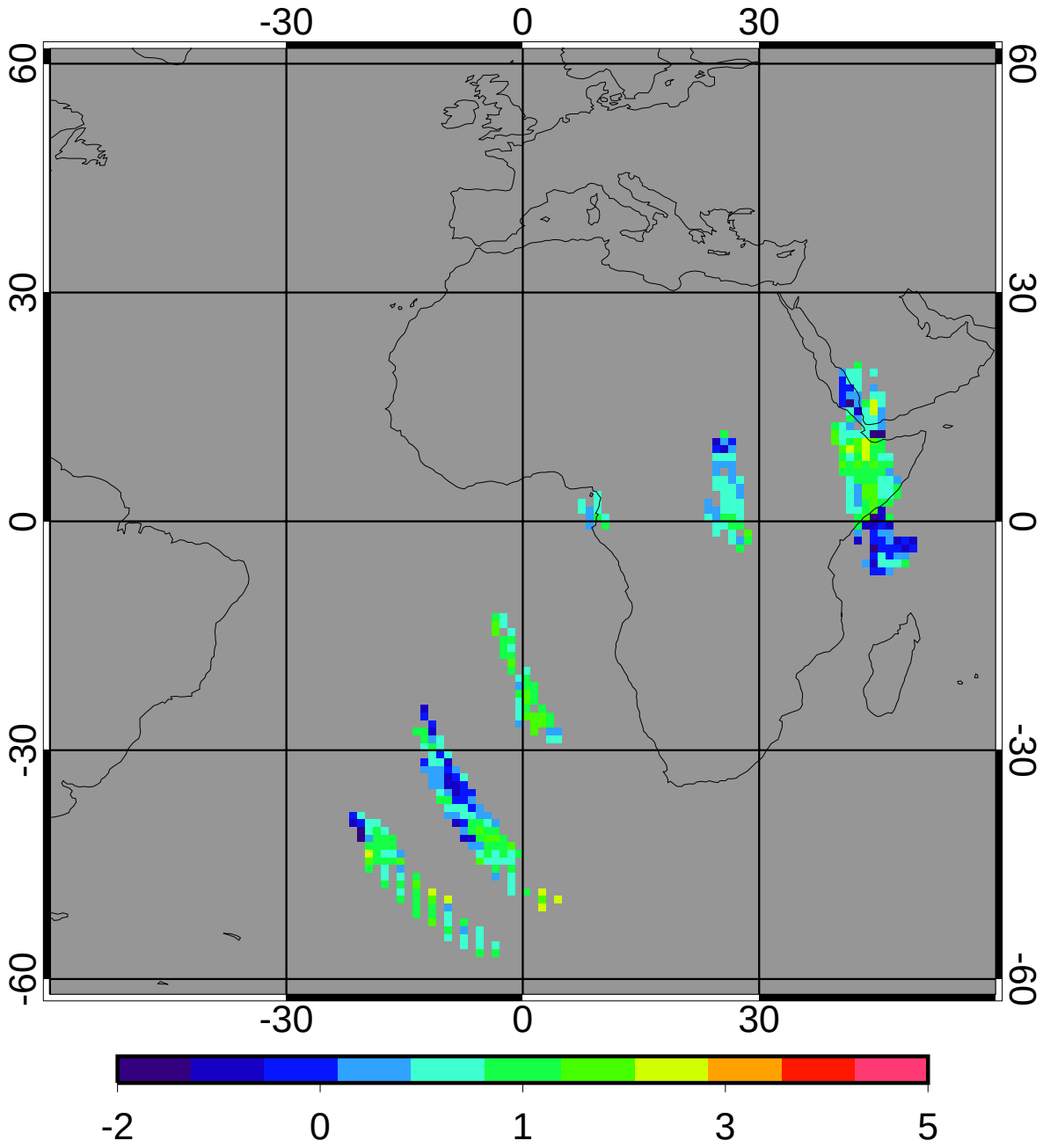
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	12.61	20.85%
domain rms	16.60	27.44%

GGEO MEAN Daytime Log Optical Depth

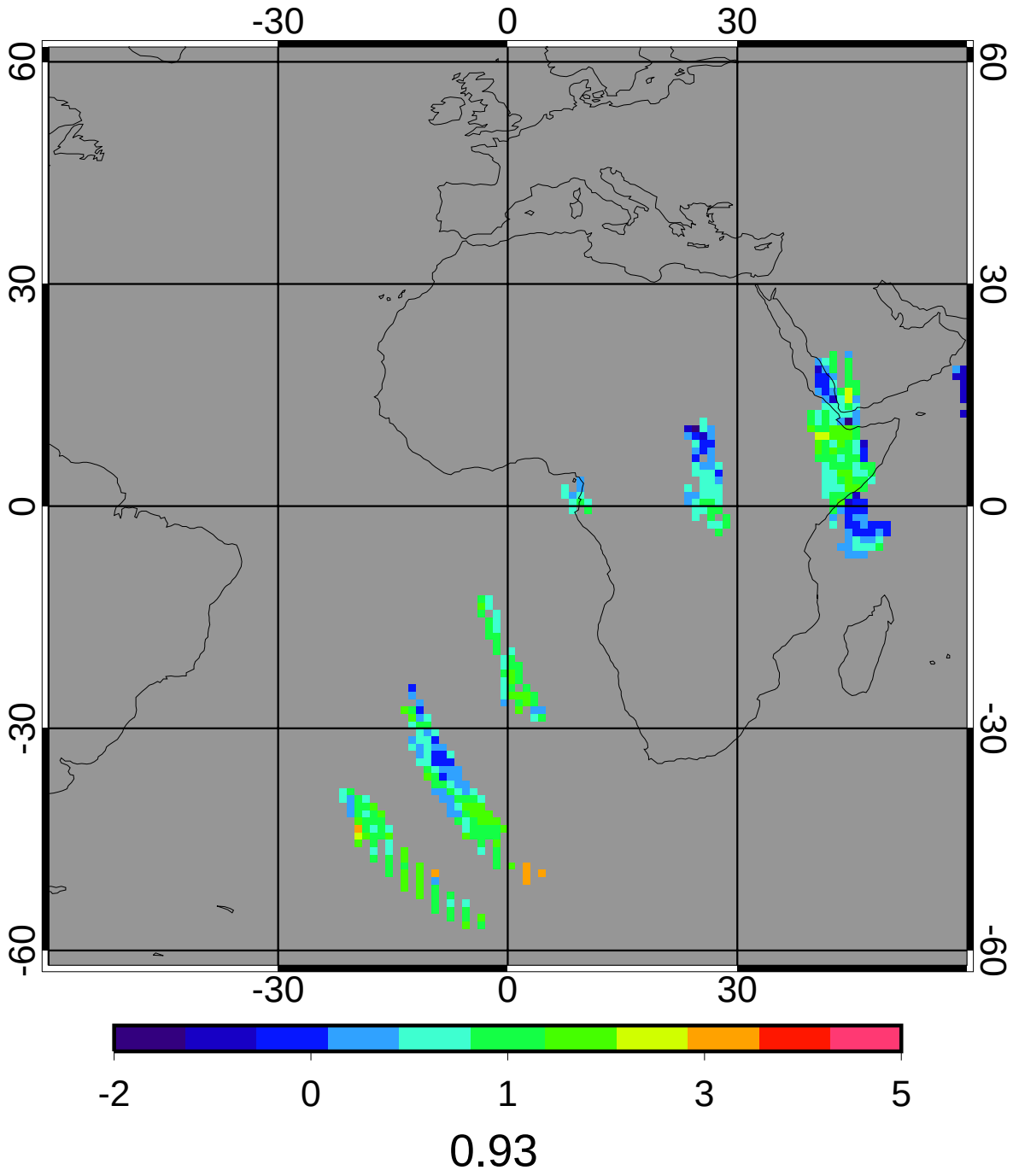
5ch Apr 2010 (matched angle) (lapse rate)



0.76

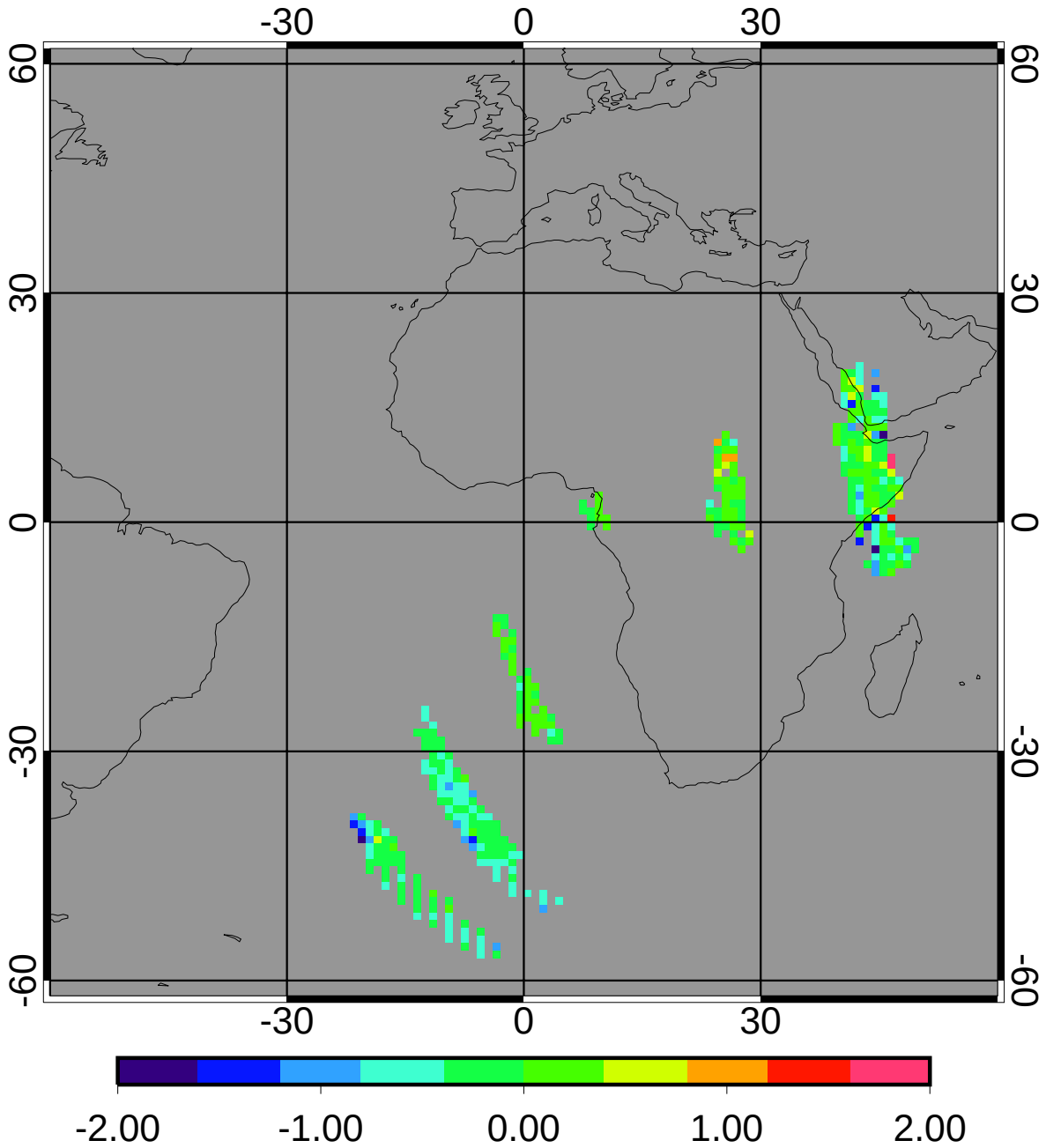
CERES/Aqua MEAN Daytime Log Optical Depth

5ch Apr 2010 (matched angle) (lapse rate)



GGEO - CERES/Aqua Daytime Log Optical Depth Bias

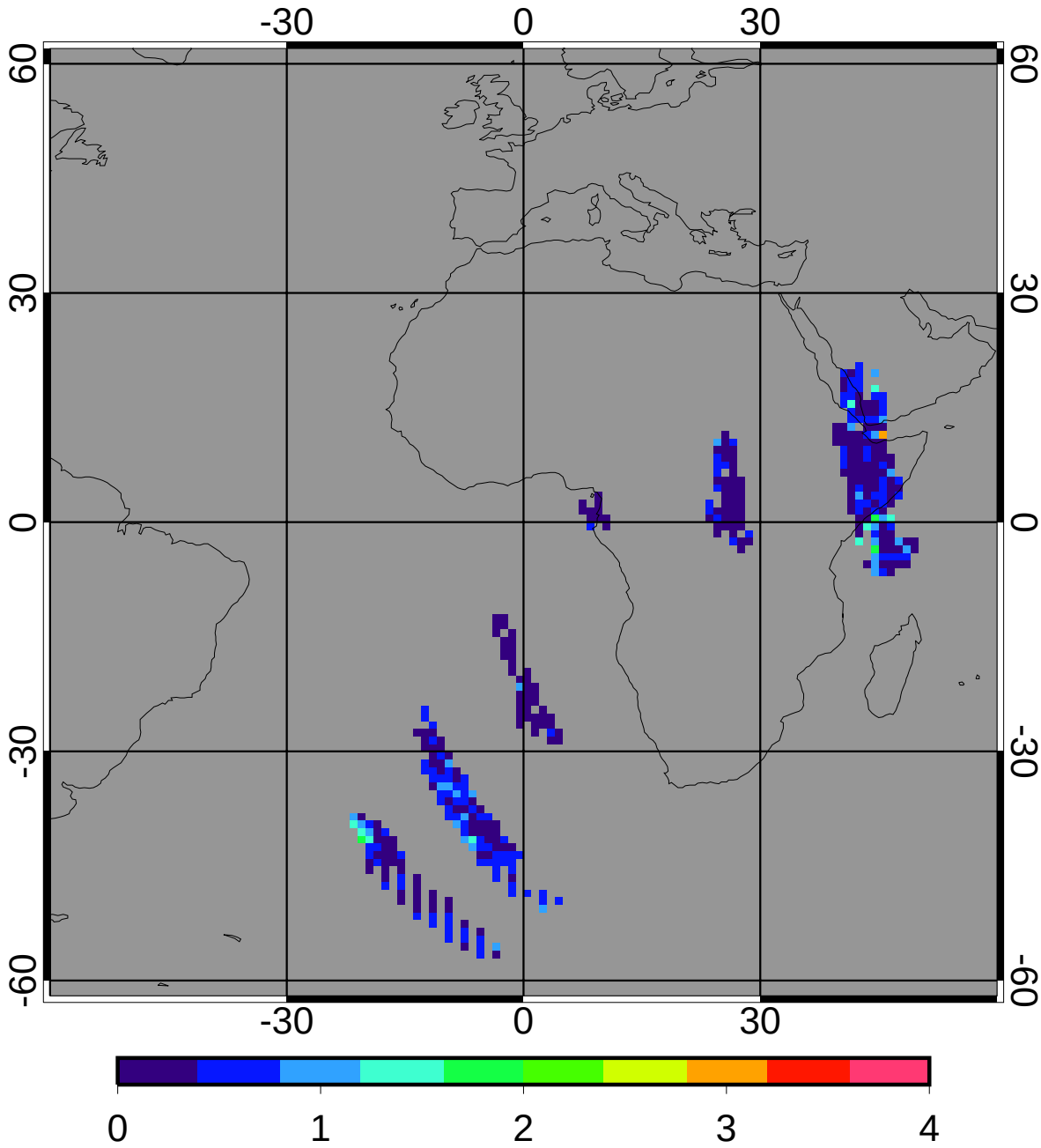
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.18	-19.63%
domain sigma	0.42	44.41%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

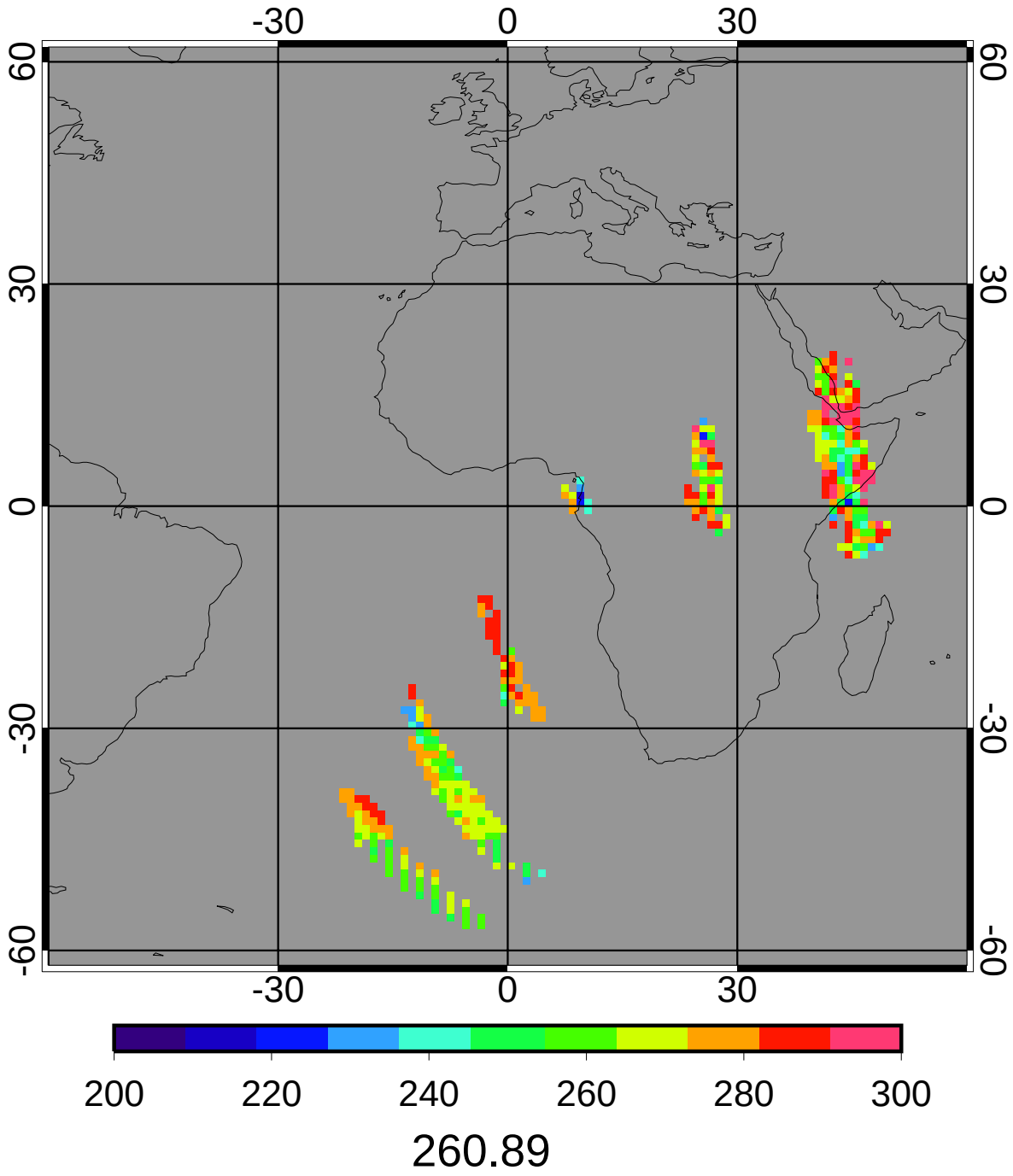
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.39	41.71%
domain rms	0.48	51.16%

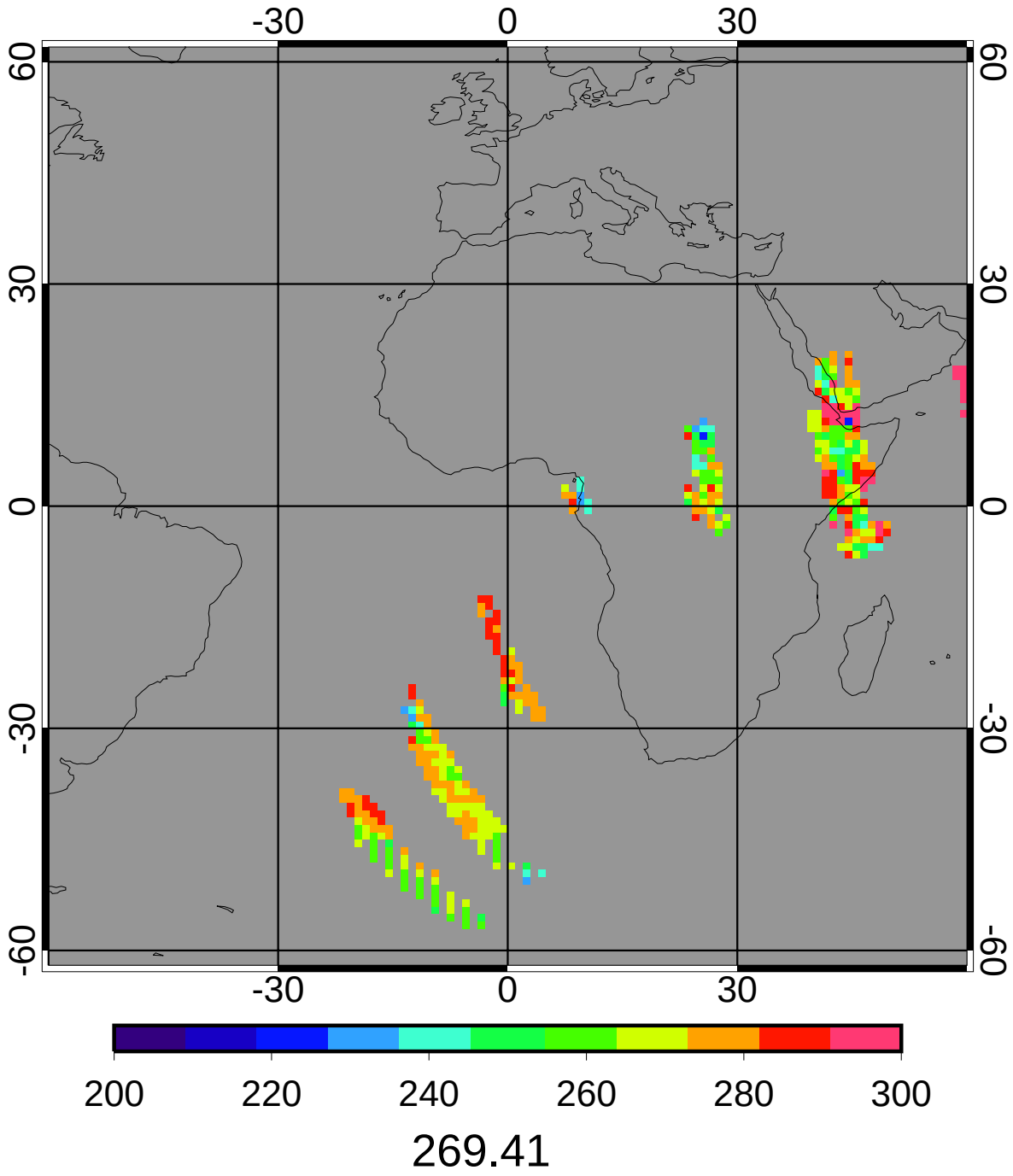
GGEO MEAN Daytime Cloud Temperature (K)

5ch Apr 2010 (matched angle) (lapse rate)



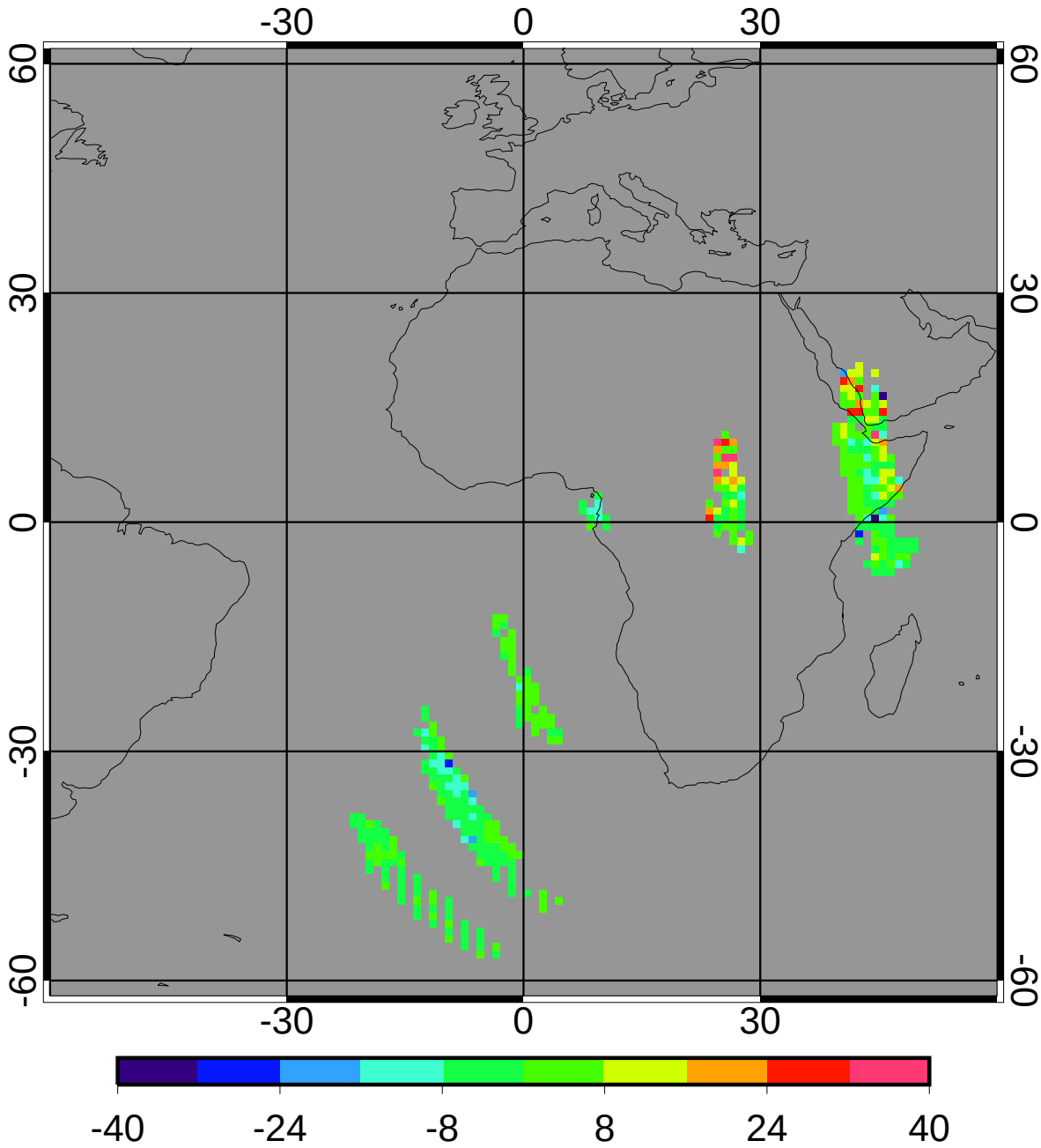
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch Apr 2010 (matched angle) (lapse rate)



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

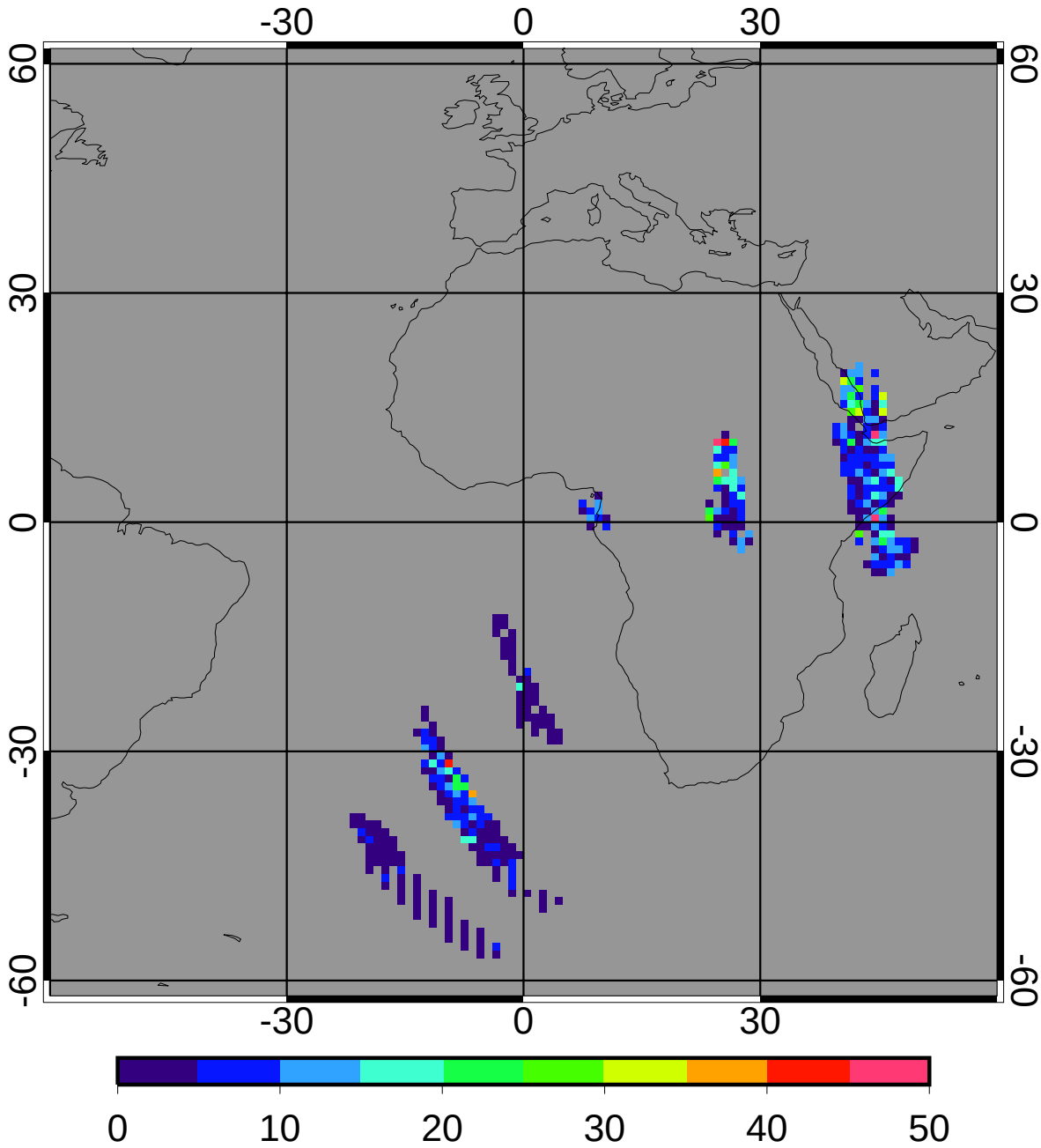
5ch Apr 2010 (matched angle) (lapse rate)



bias	0.86	0.32%
domain sigma	9.81	3.64%

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

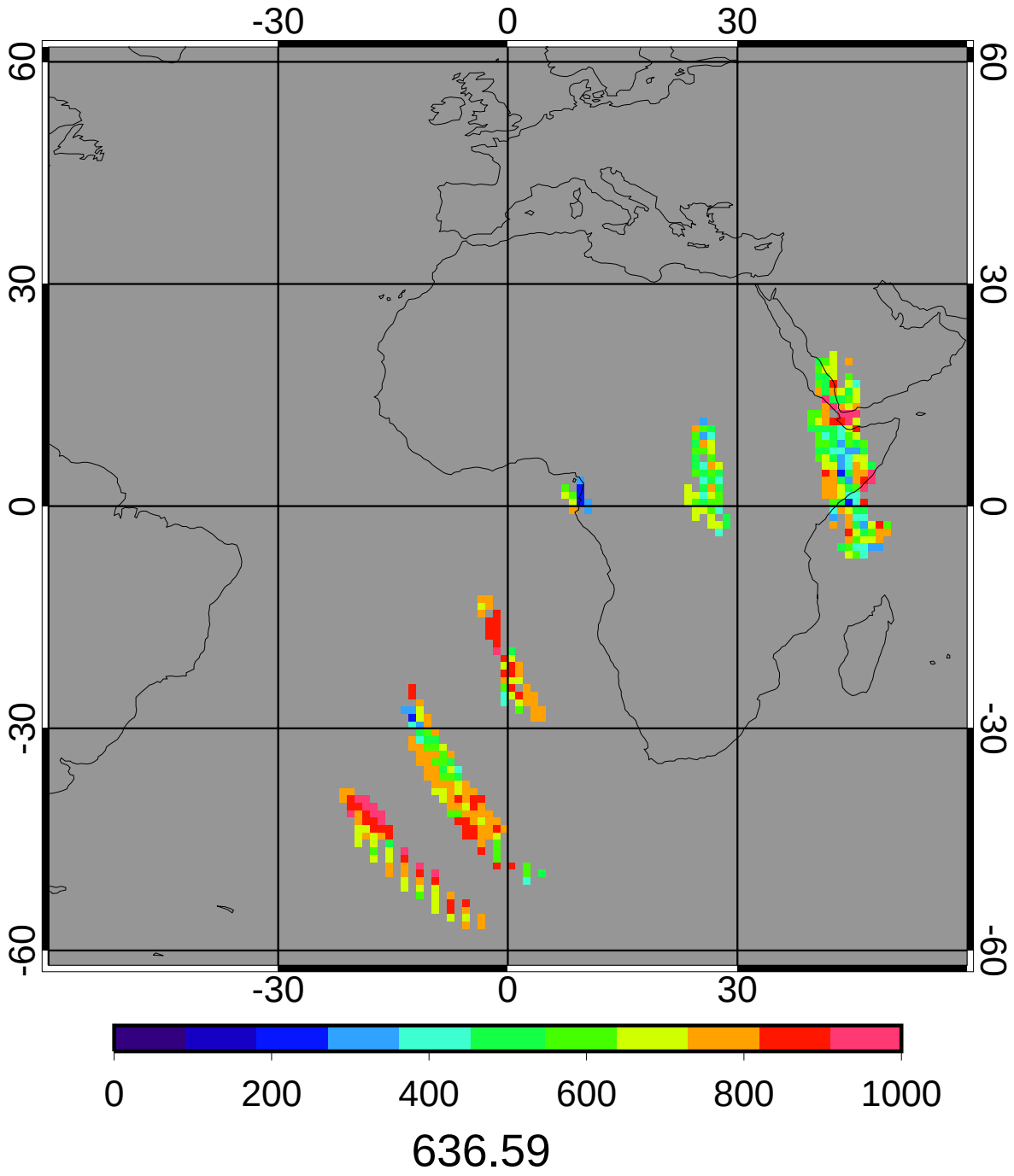
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	7.37	2.73%
domain rms	10.75	3.99%

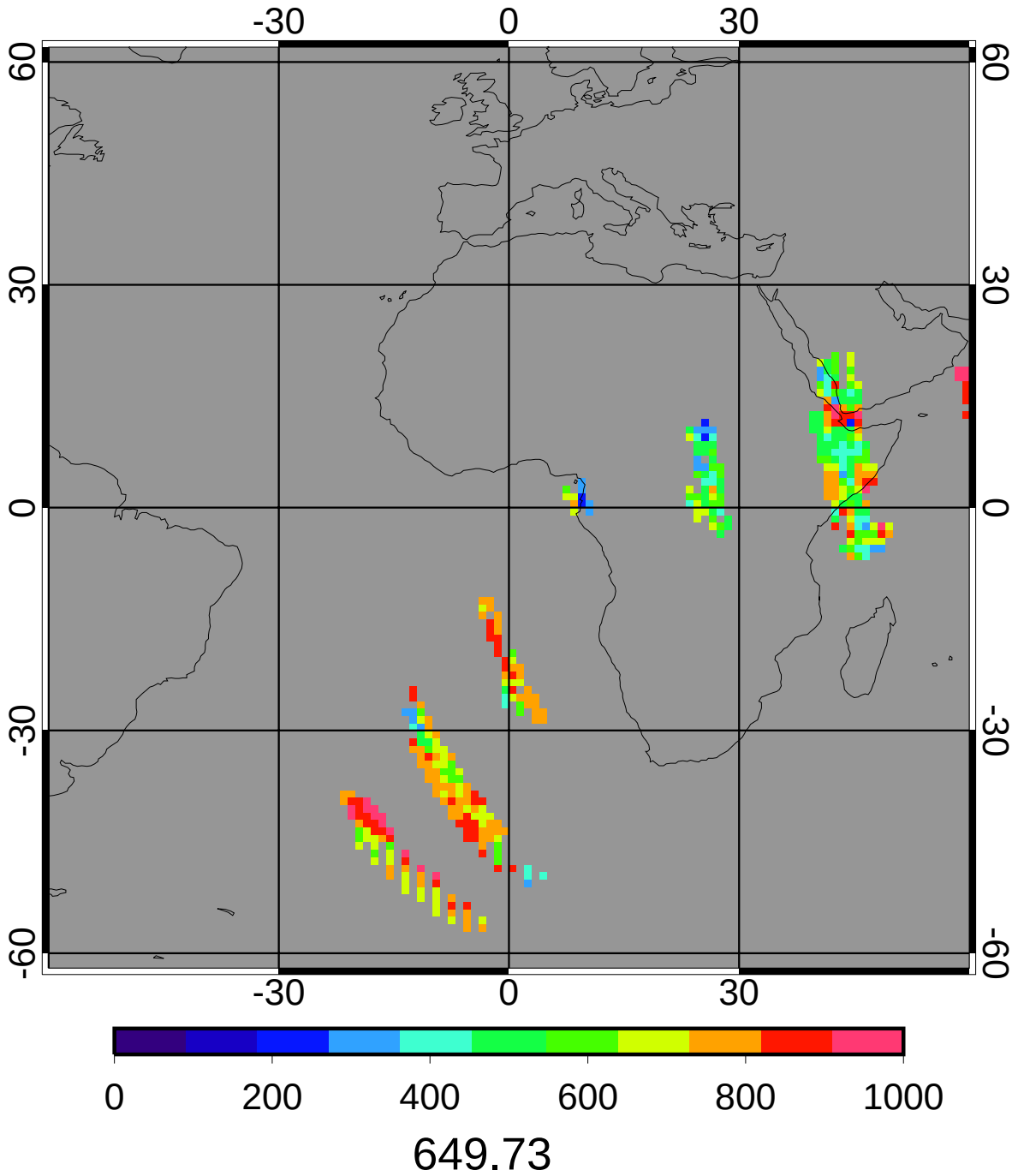
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



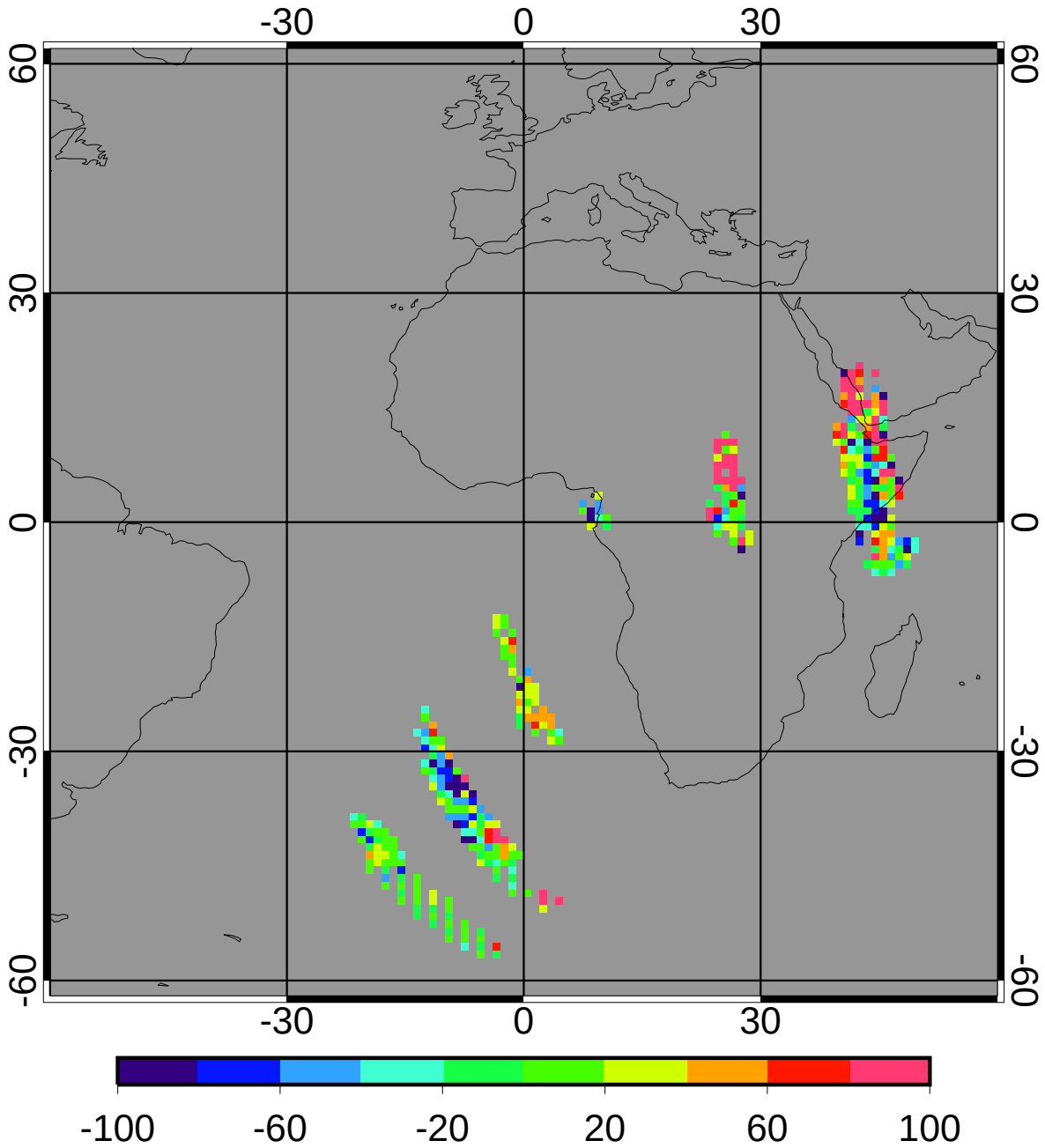
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



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

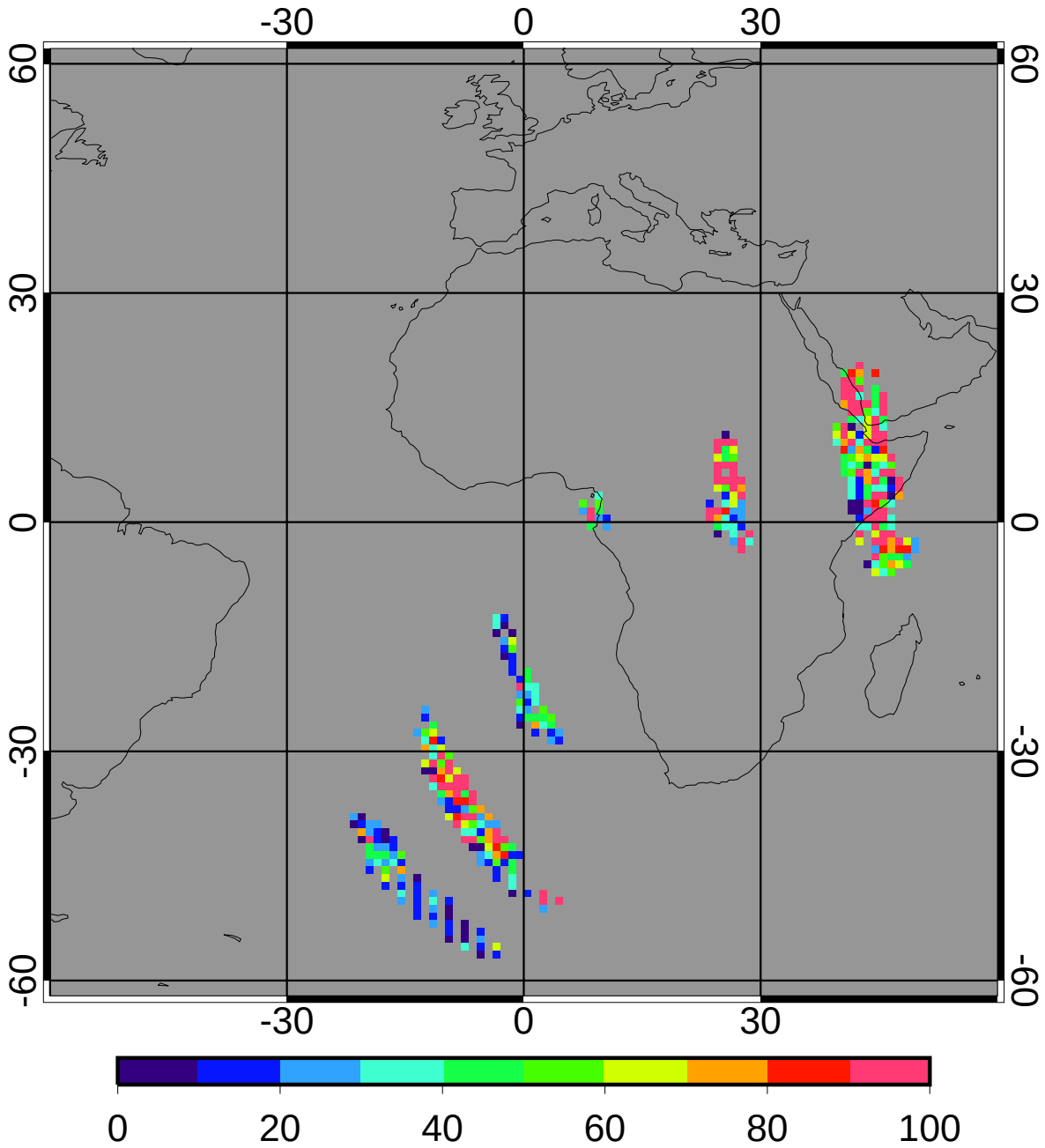
5ch Apr 2010 (matched angle) (lapse rate)



bias	13.64	2.10%
domain sigma	82.10	12.64%

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

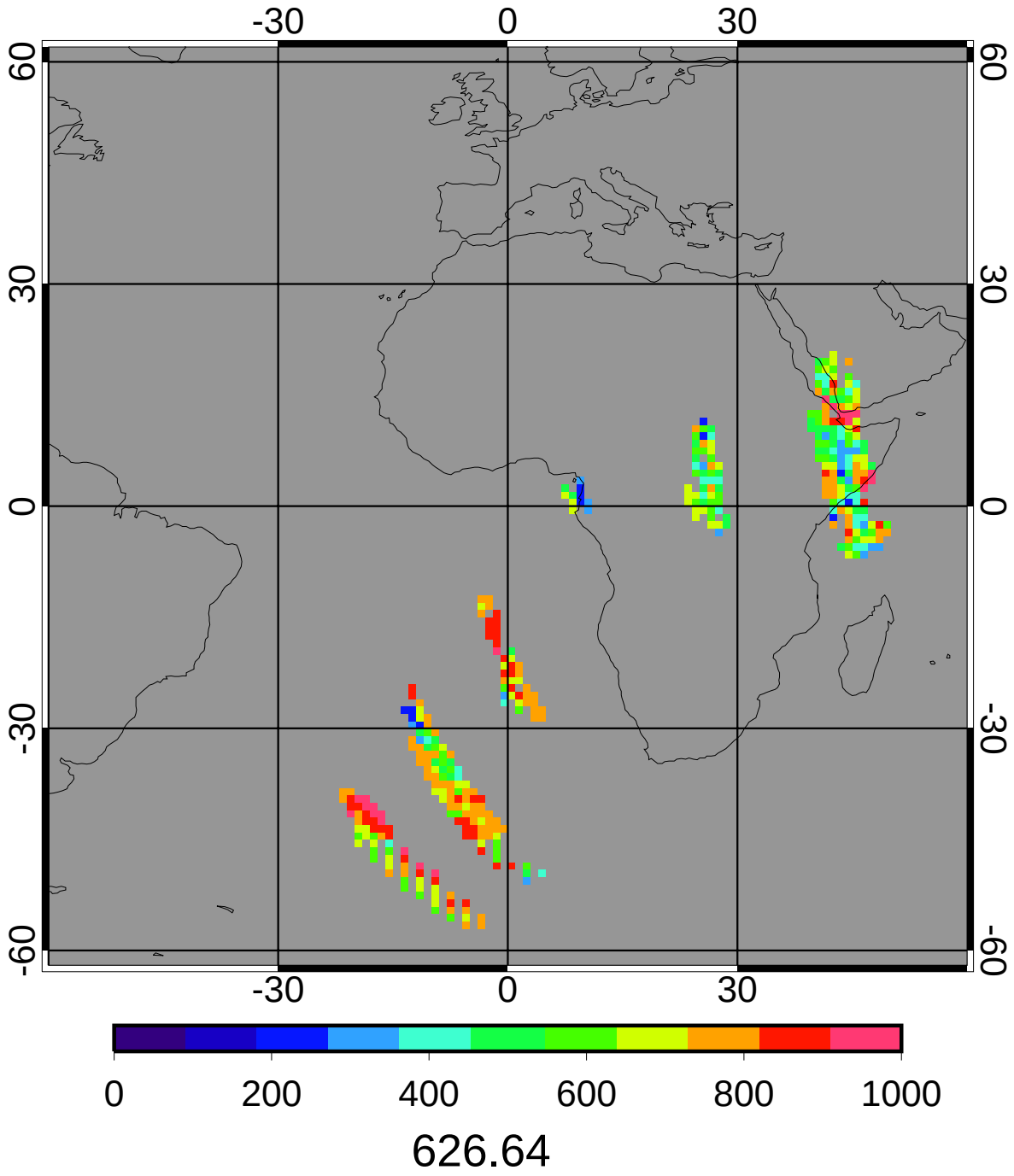
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	67.30	10.36%
domain rms	92.45	14.23%

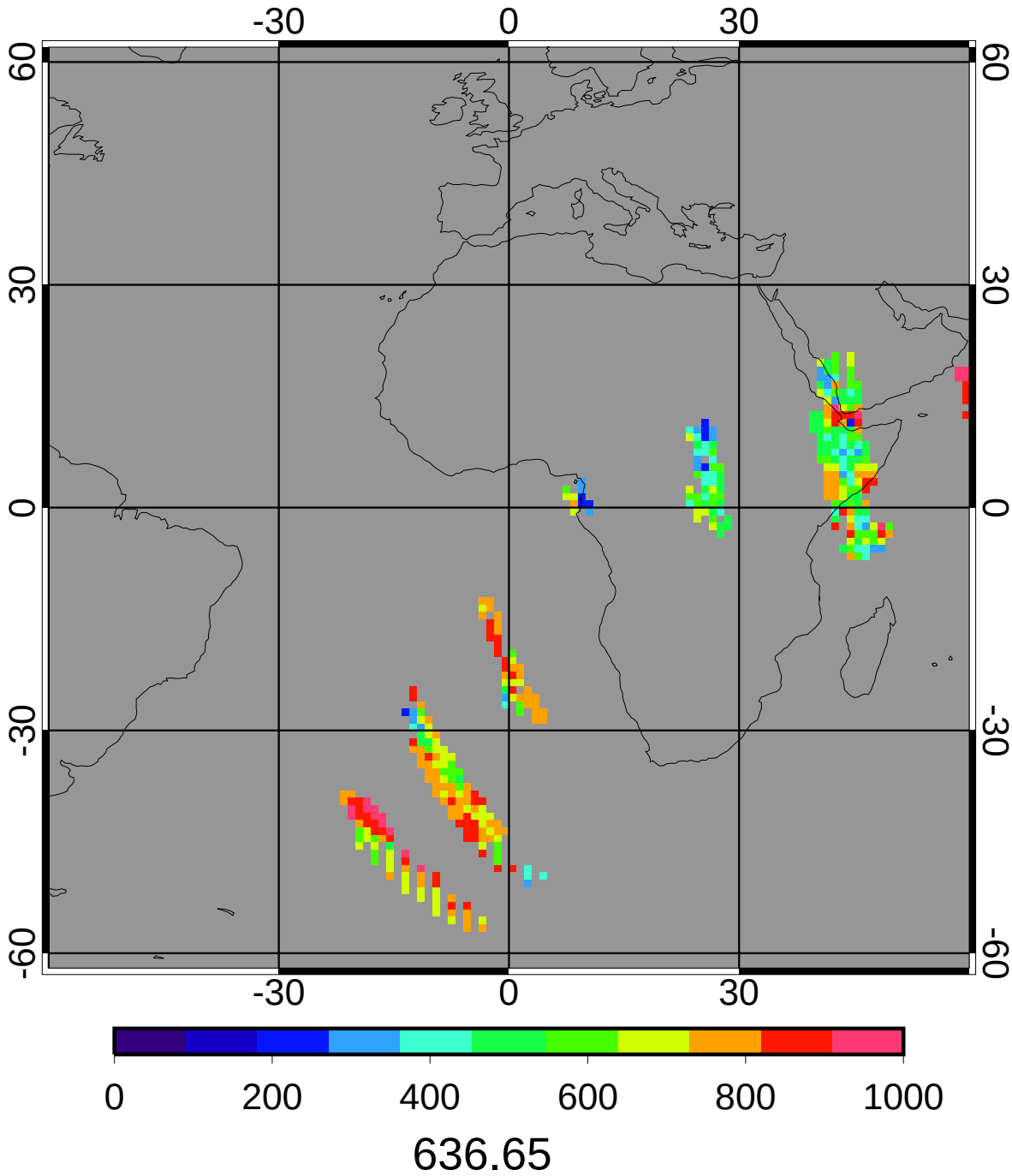
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



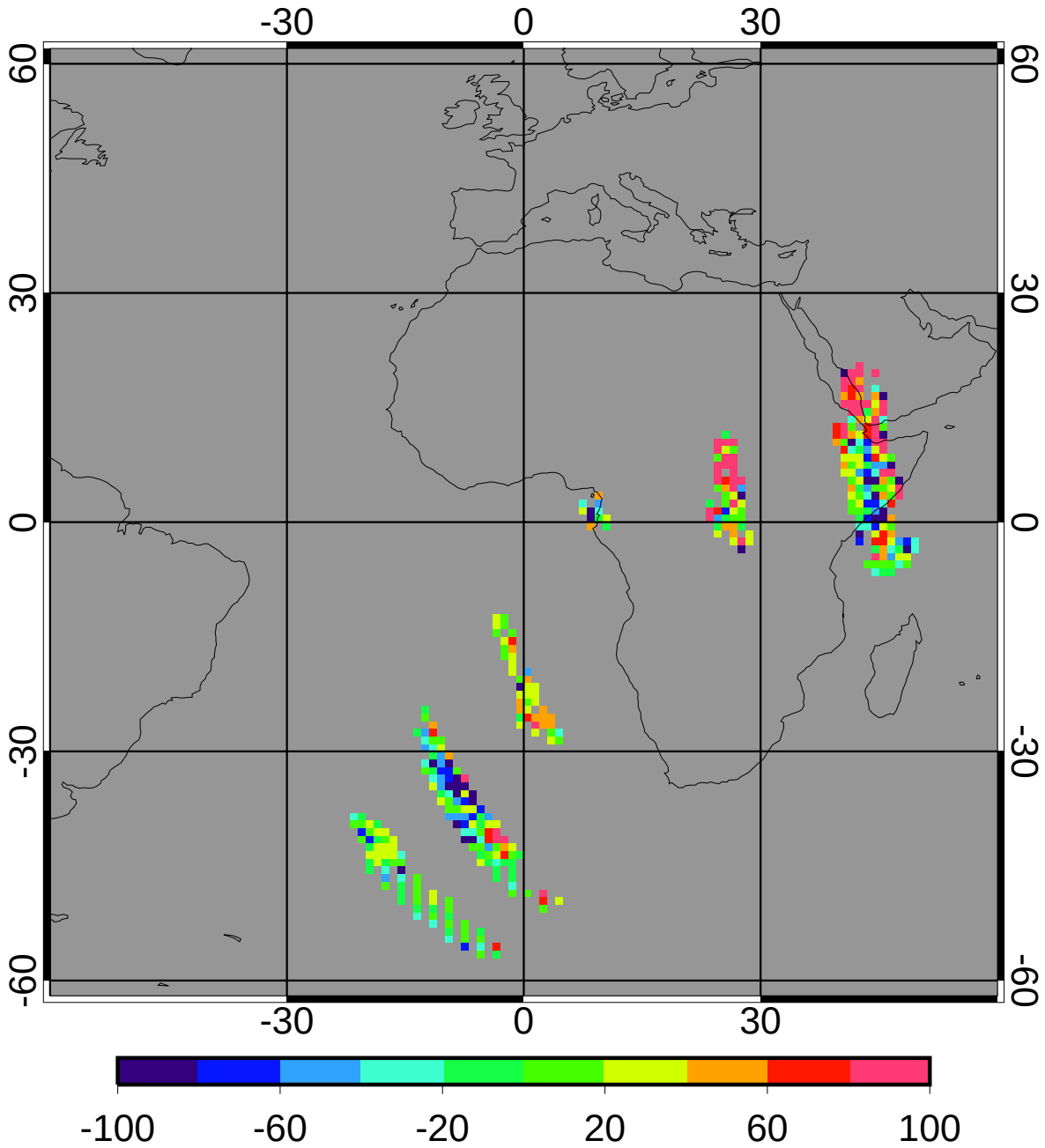
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



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

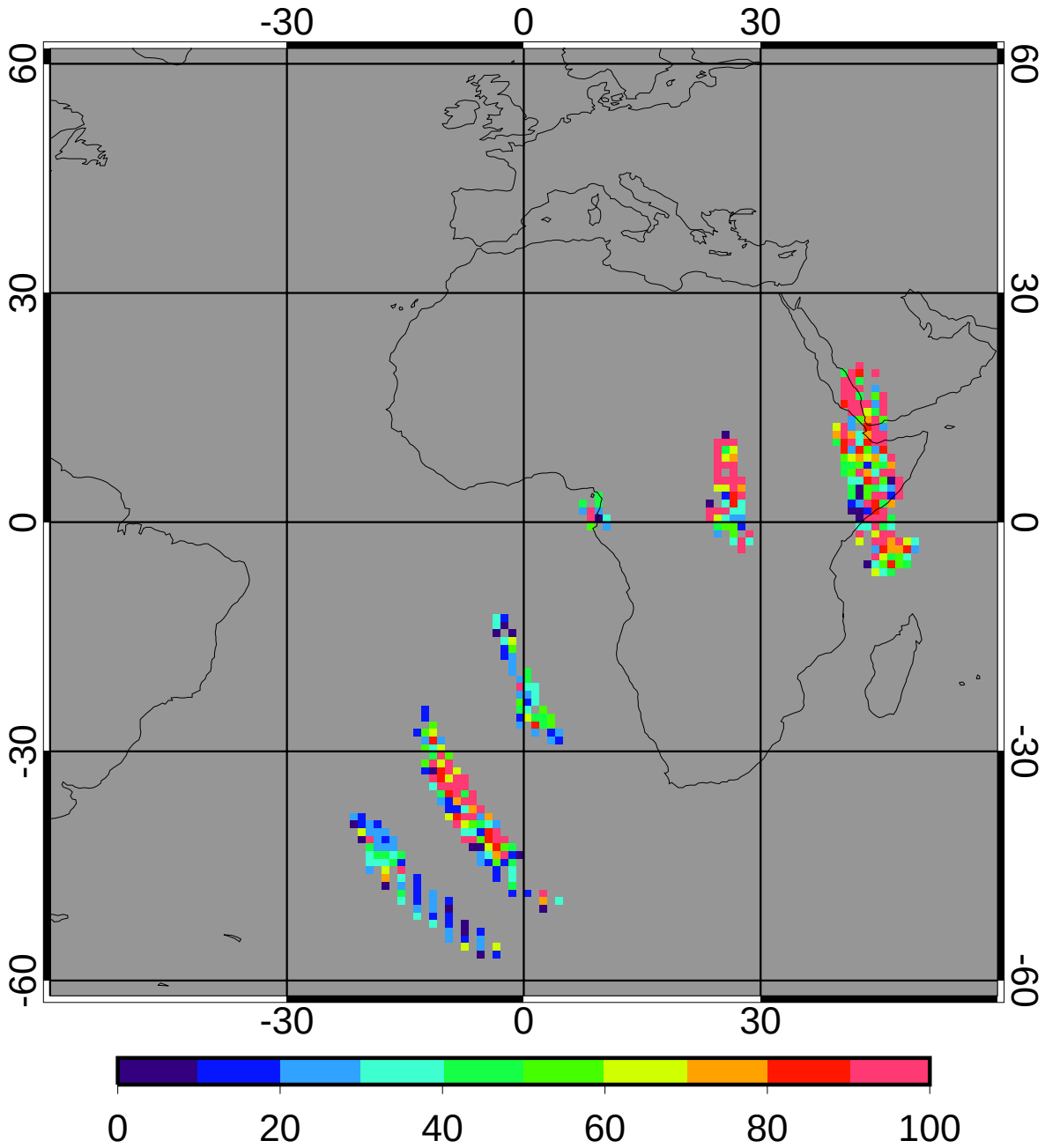
5ch Apr 2010 (matched angle) (lapse rate)



bias	16.65	2.62%
domain sigma	83.49	13.11%

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

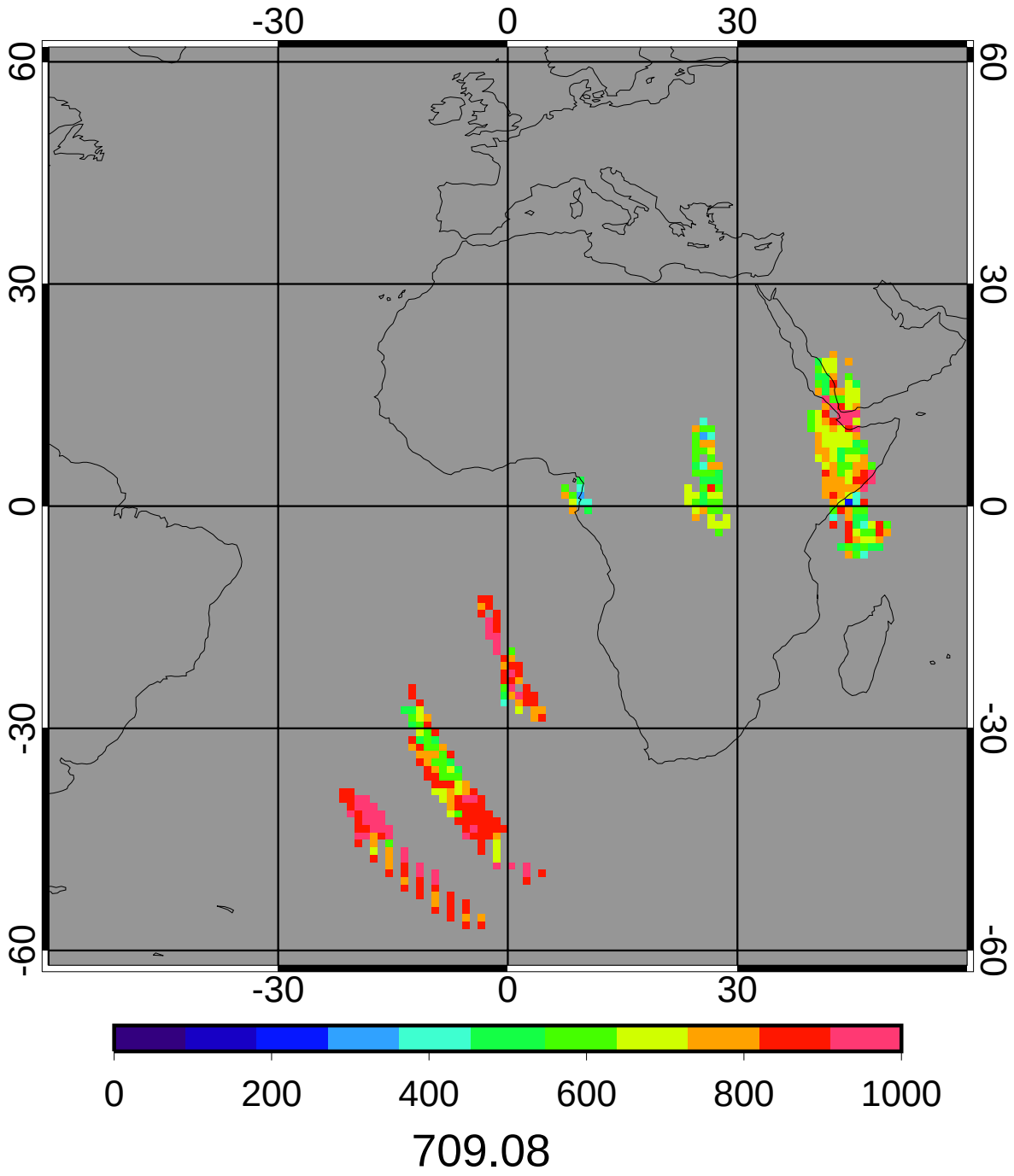
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	70.57	11.08%
domain rms	95.11	14.94%

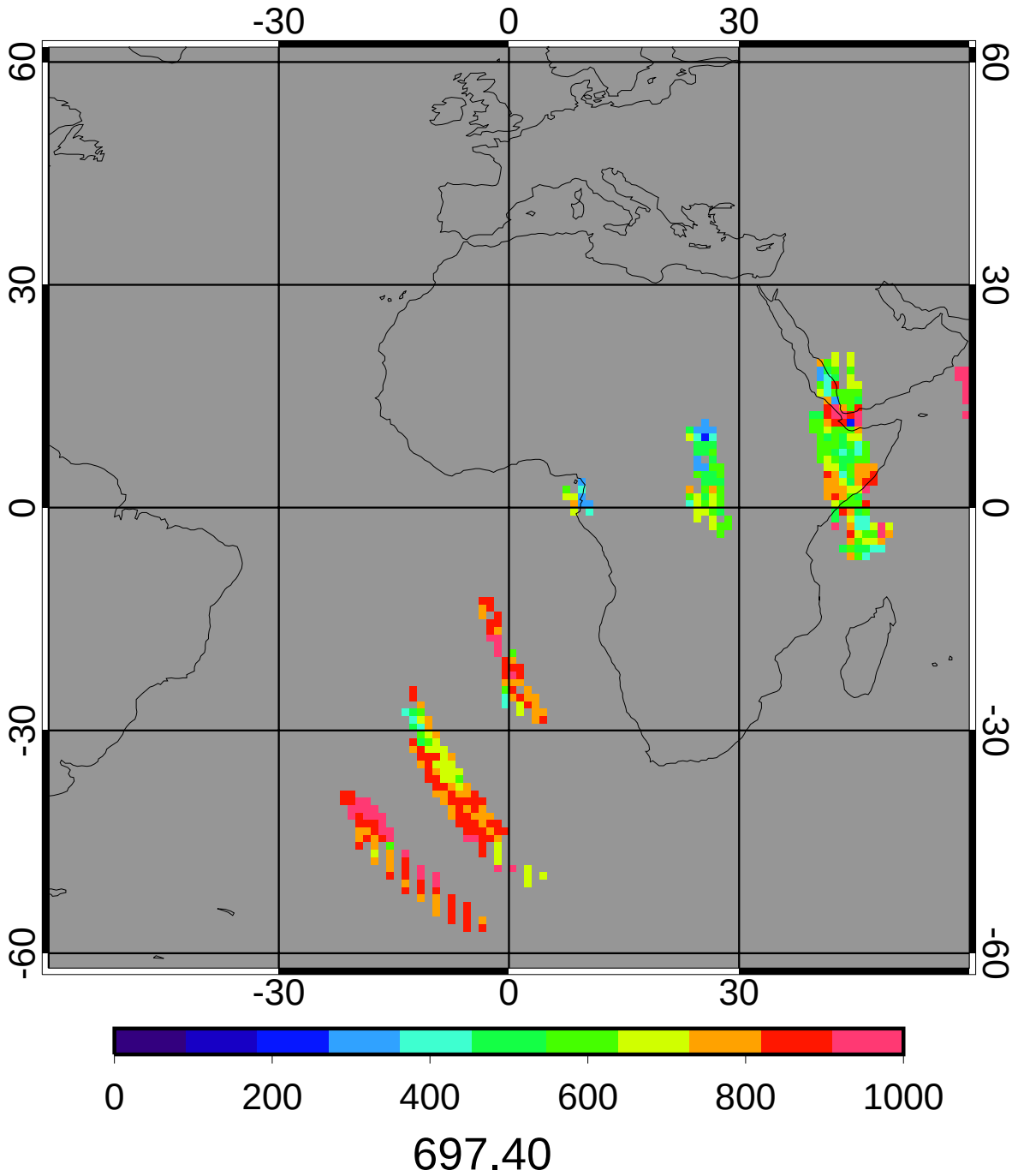
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



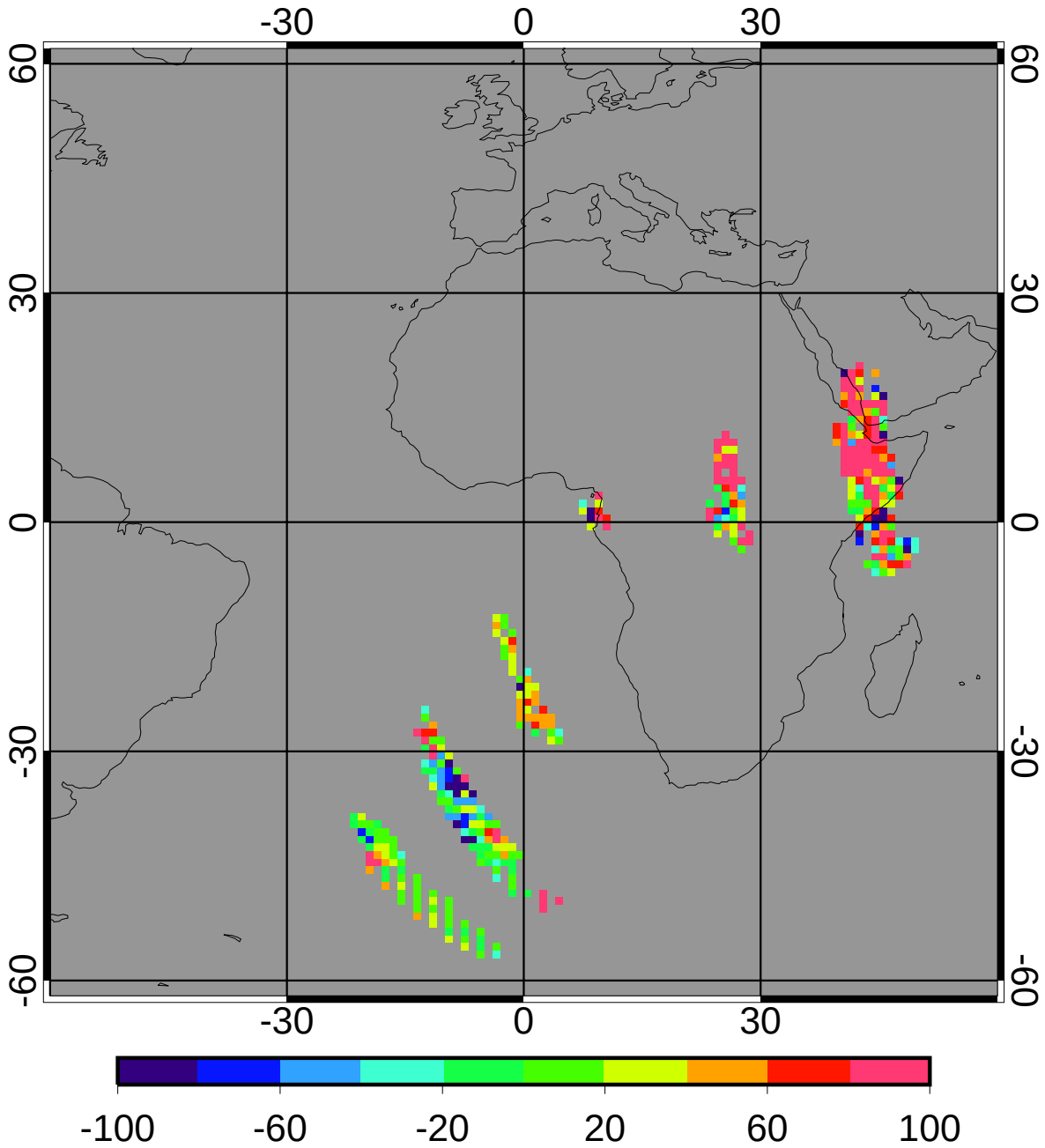
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



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

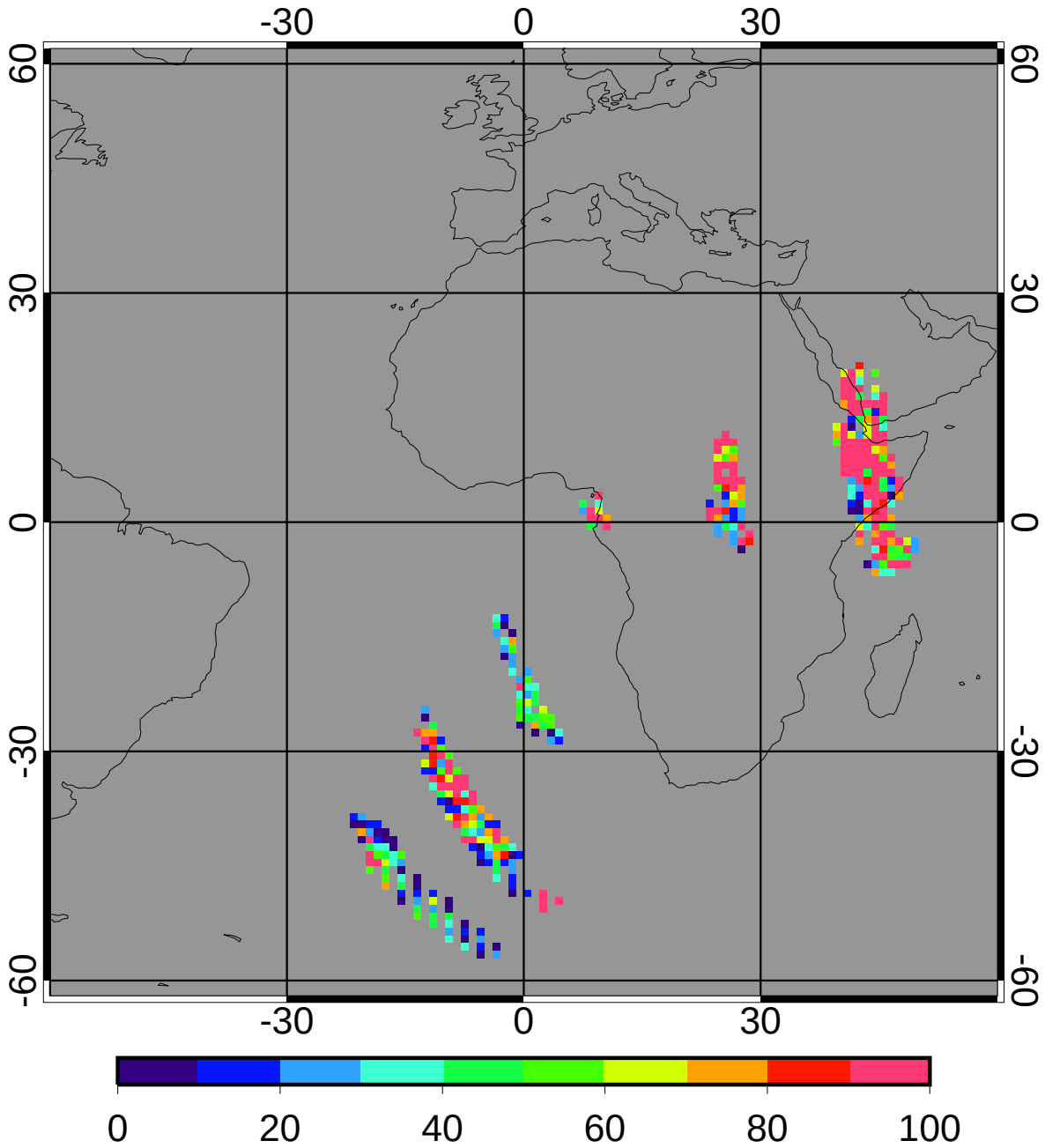
5ch Apr 2010 (matched angle) (lapse rate)



bias	38.81	5.57%
domain sigma	86.03	12.34%

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

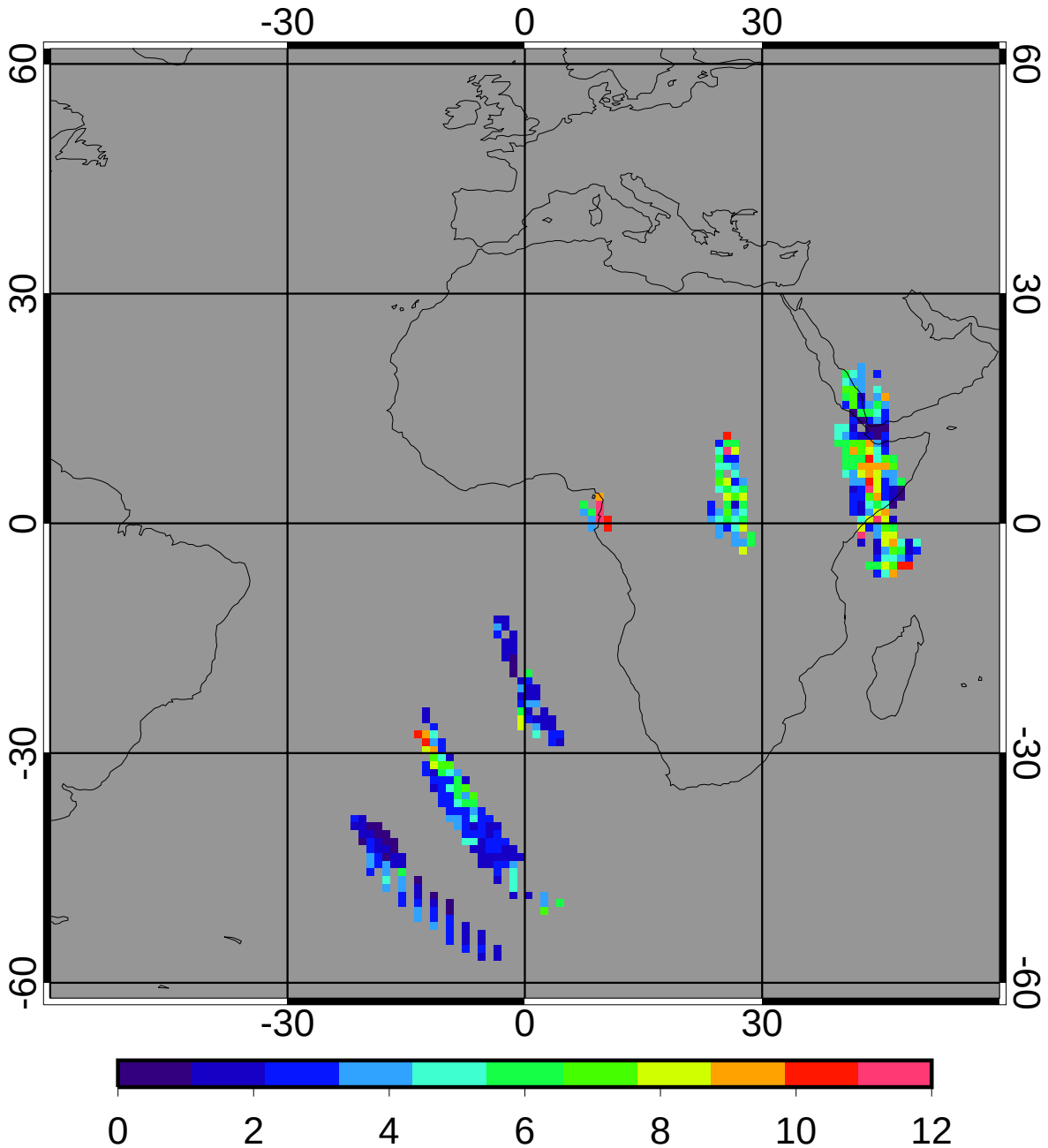
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	78.52	11.26%
domain rms	102.10	14.64%

GGEO MEAN Daytime Cloud Eff Height (km)

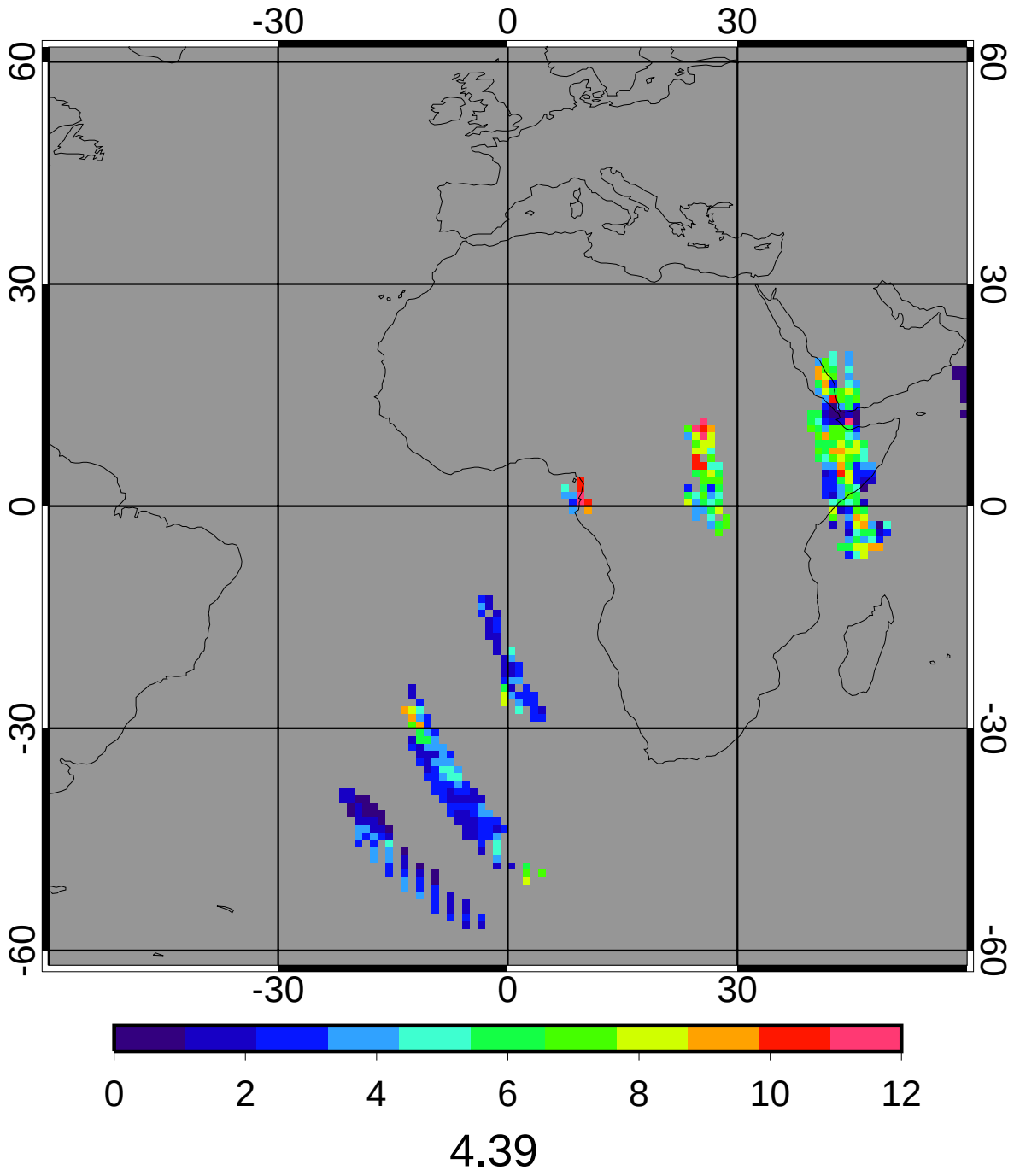
5ch Apr 2010 (matched angle) (lapse rate)



4.16

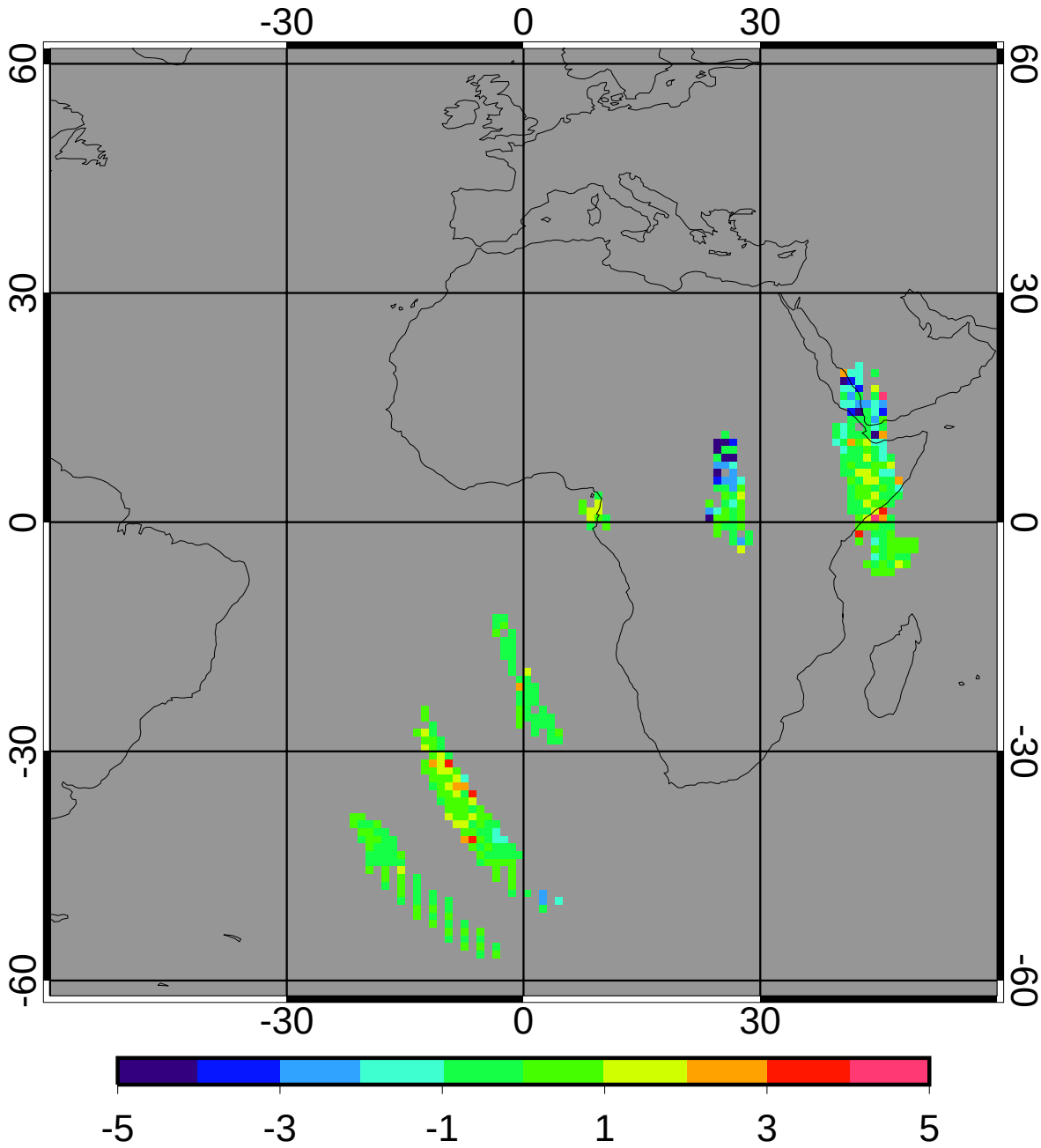
CERES/Aqua MEAN Daytime Cloud Eff Height (km)

5ch Apr 2010 (matched angle) (lapse rate)



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

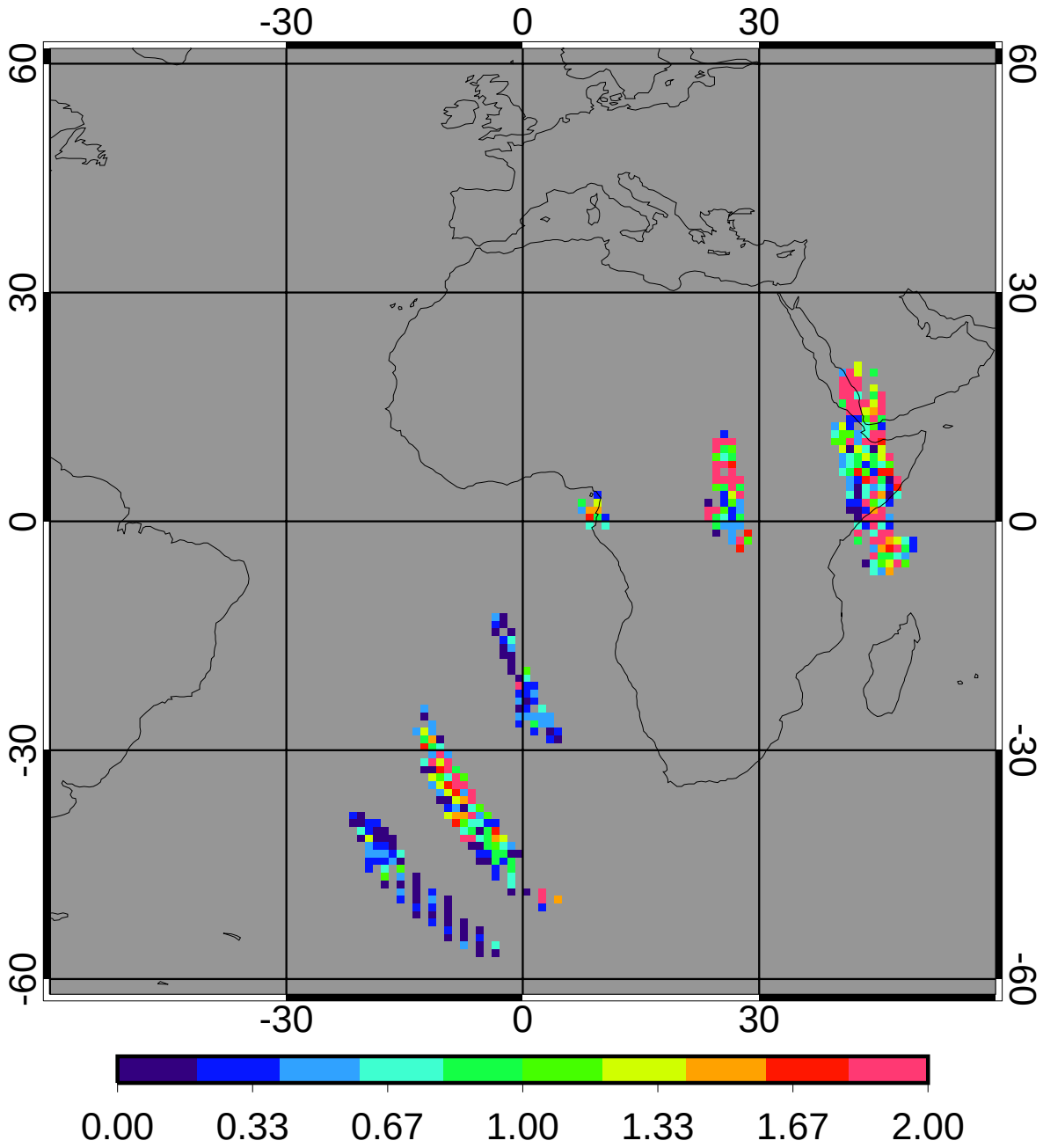
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.17	-3.89%
domain sigma	1.42	32.26%

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

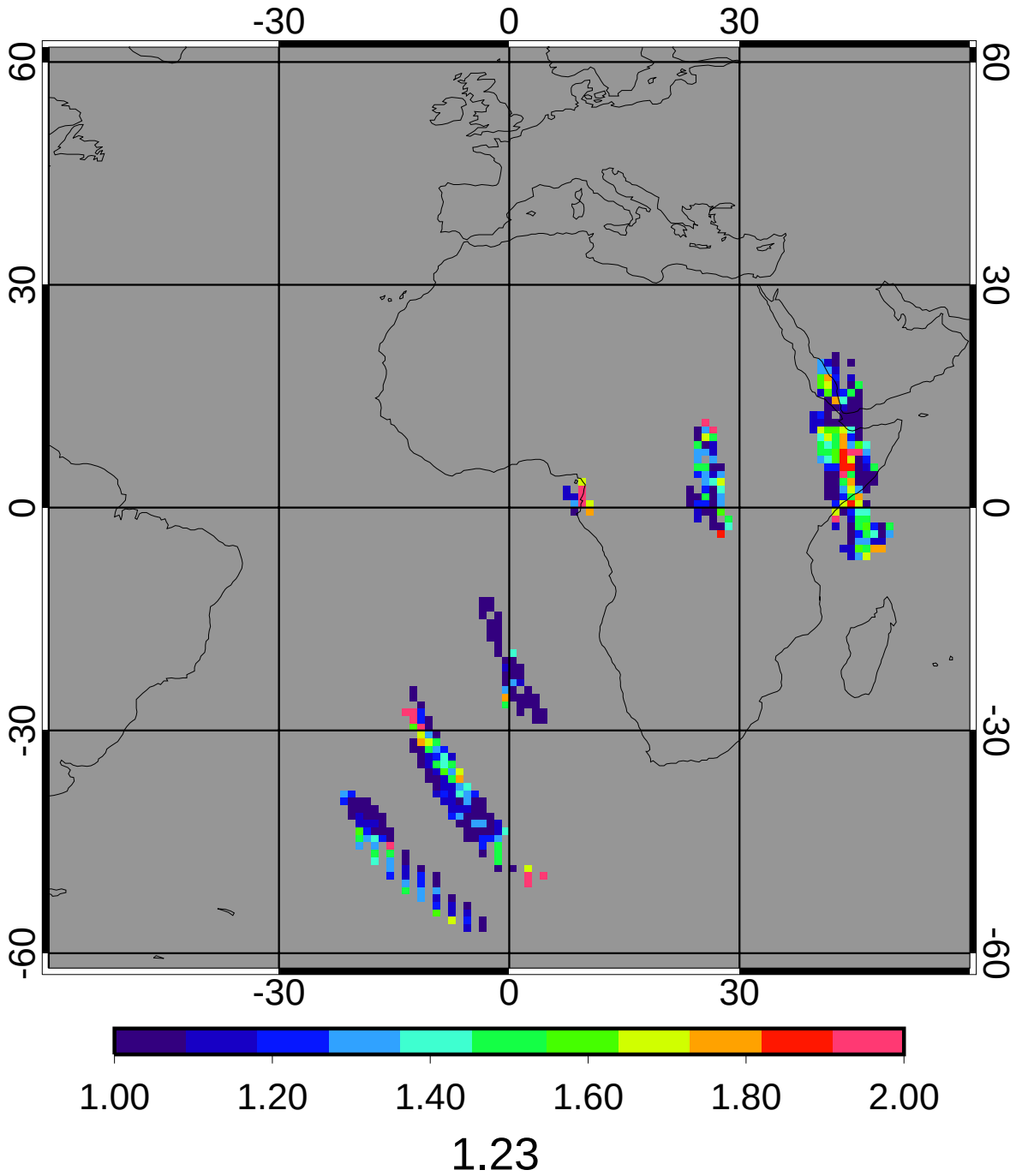
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	1.10	25.10%
domain rms	1.58	36.04%

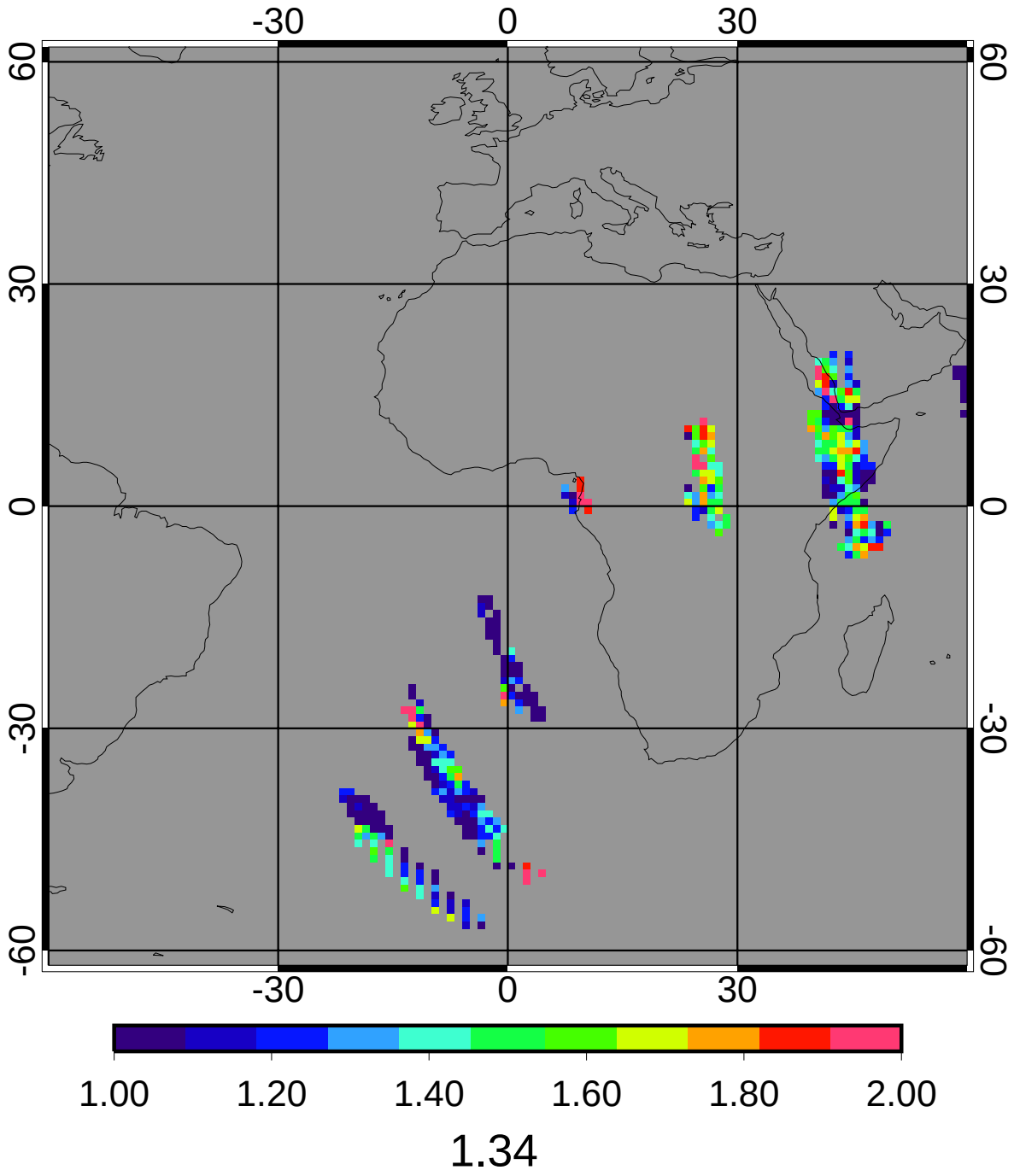
GGEO MEAN Daytime Cloud Phase

5ch Apr 2010 (matched angle) (lapse rate)



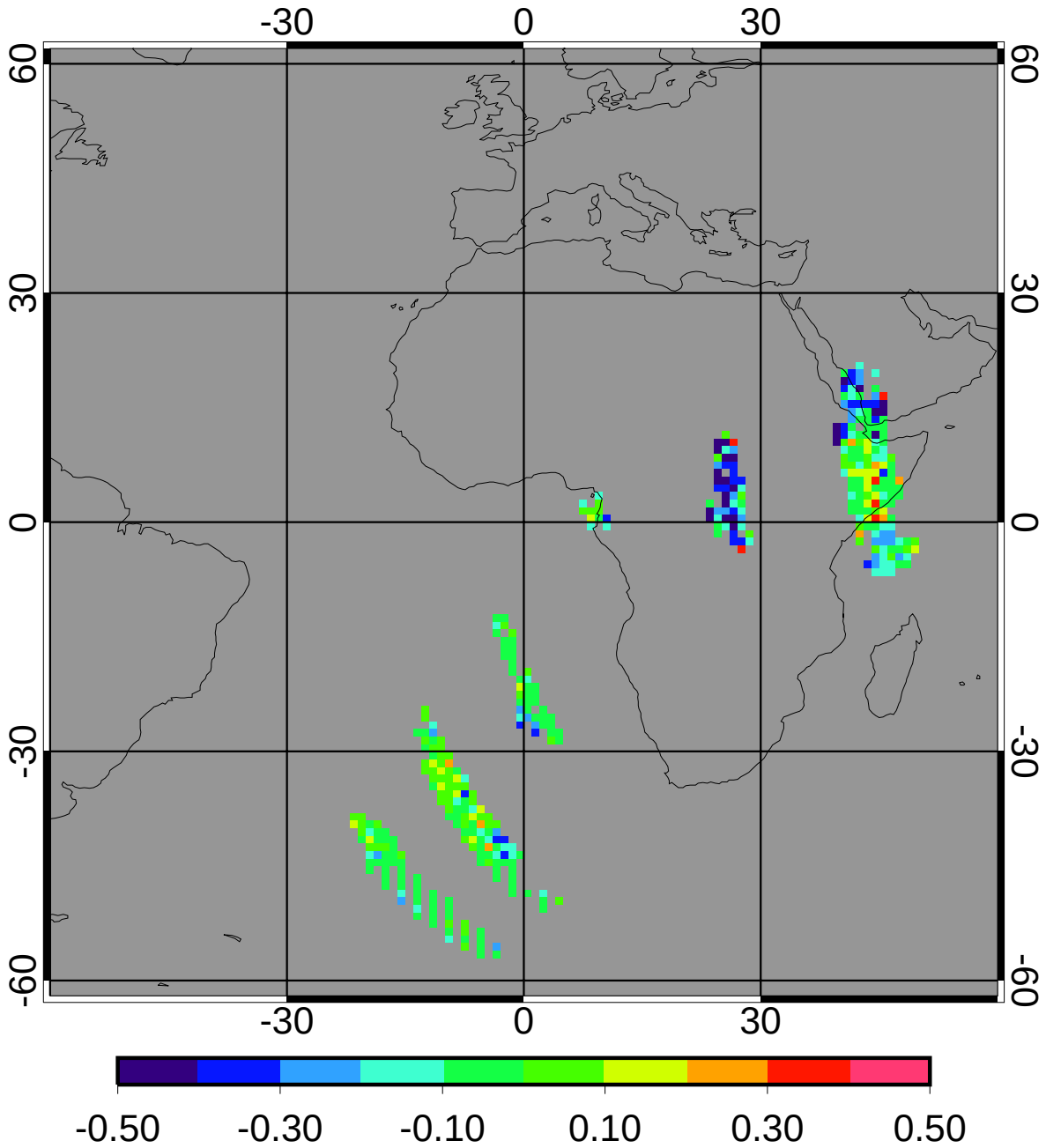
CERES/Aqua MEAN Daytime Cloud Phase

5ch Apr 2010 (matched angle) (lapse rate)



GGEO - CERES/Aqua Daytime Cloud Phase Bias

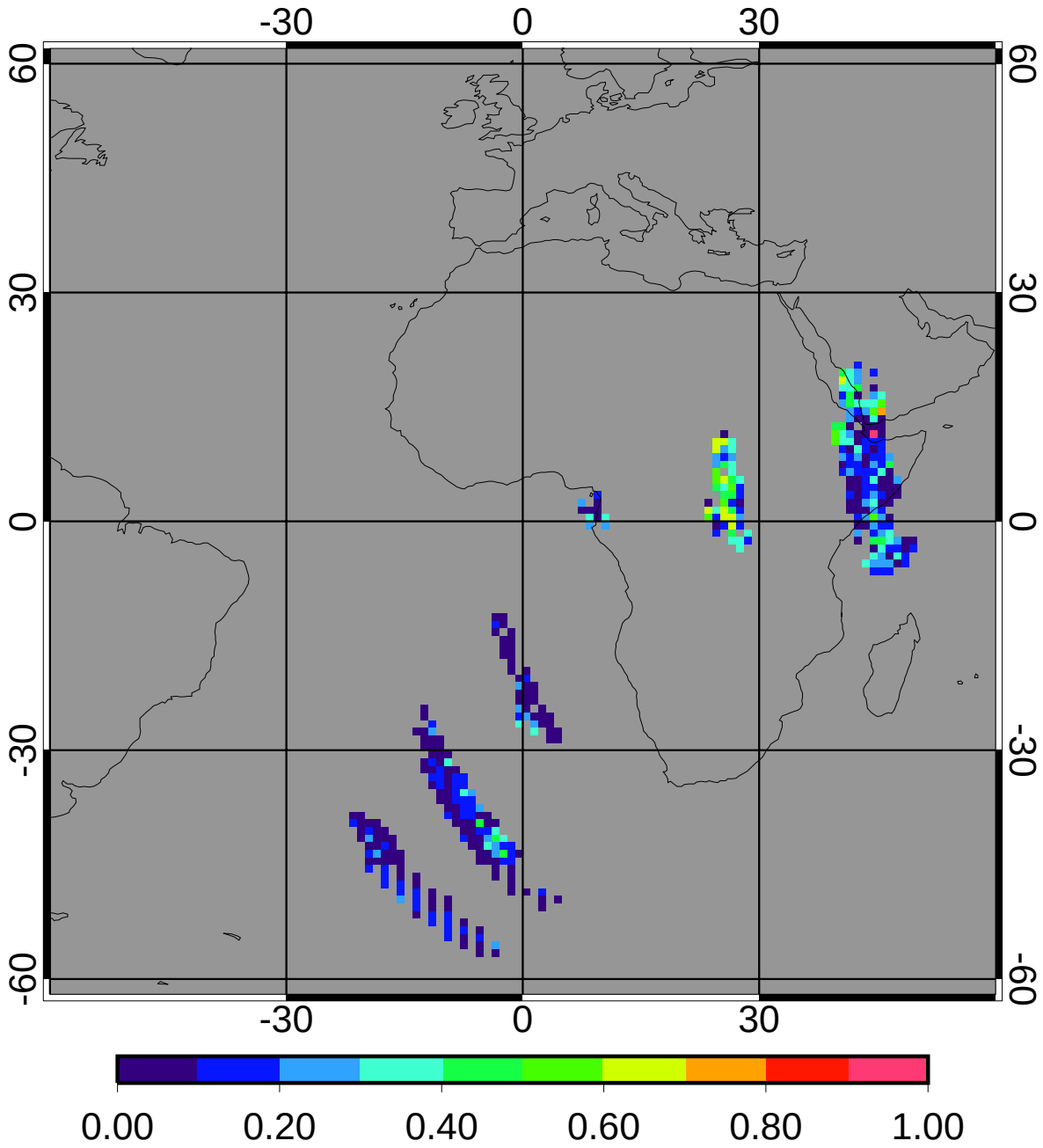
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.08	-6.14%
domain sigma	0.17	12.90%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

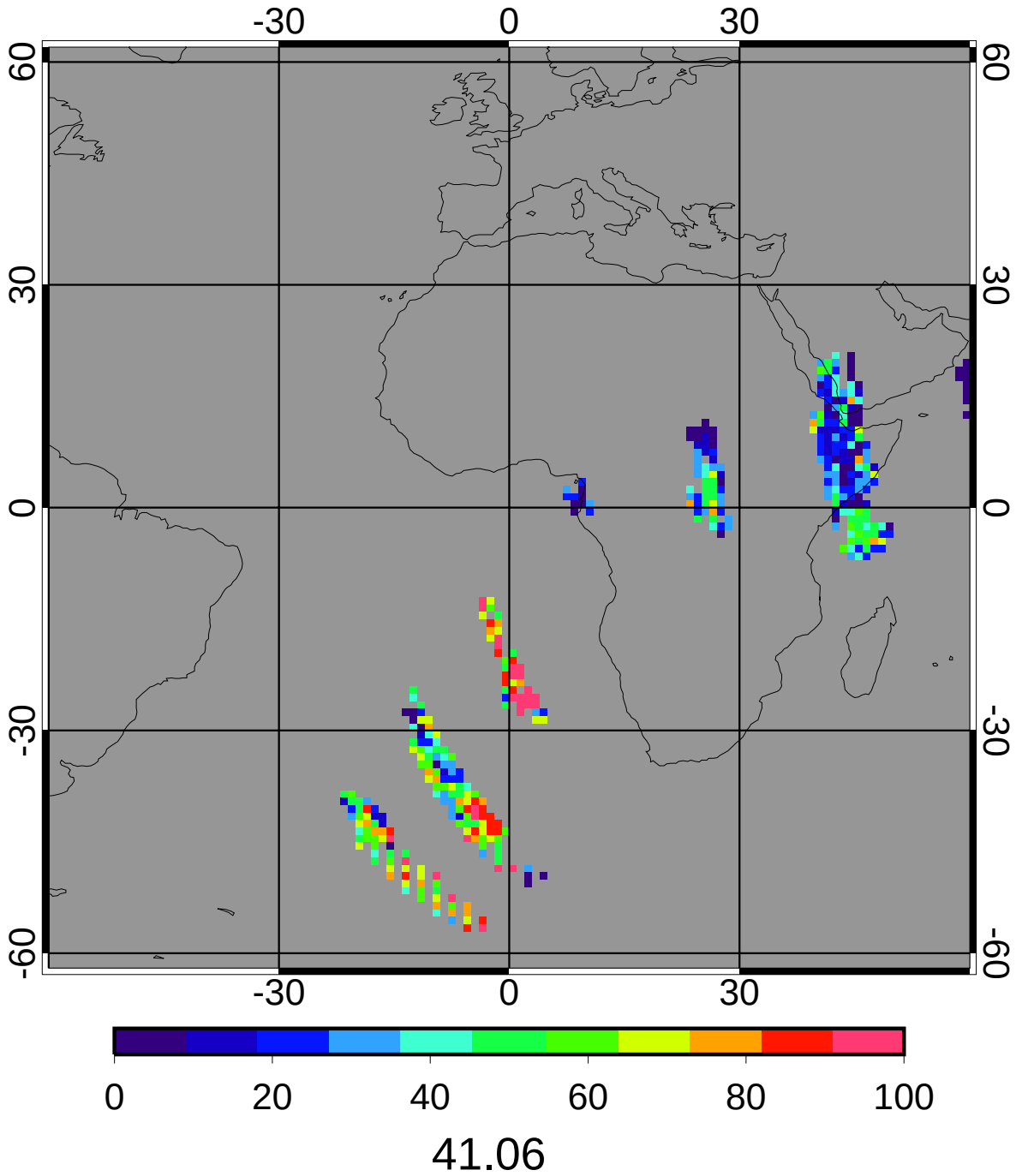
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.17	12.44%
domain rms	0.23	16.90%

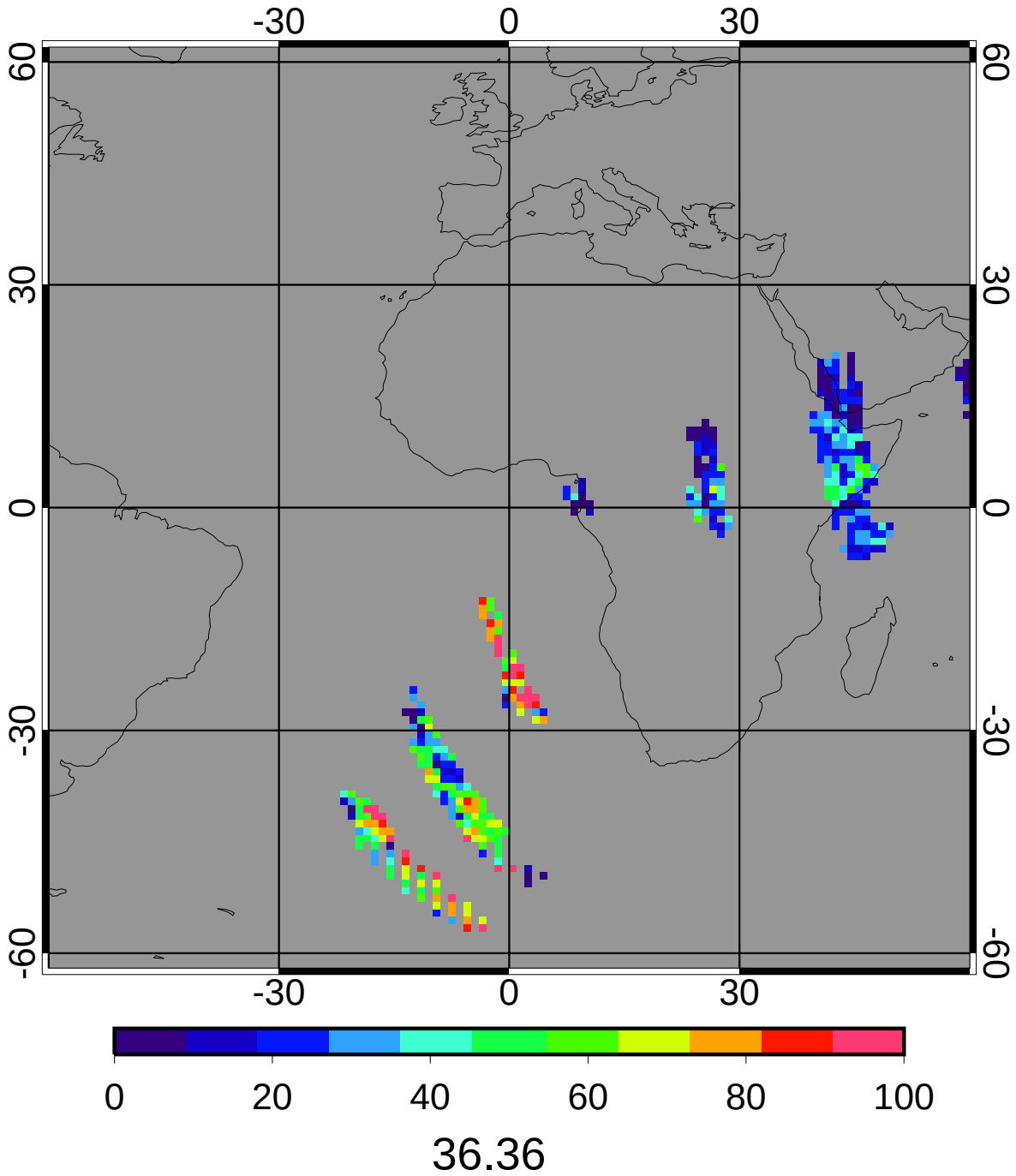
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



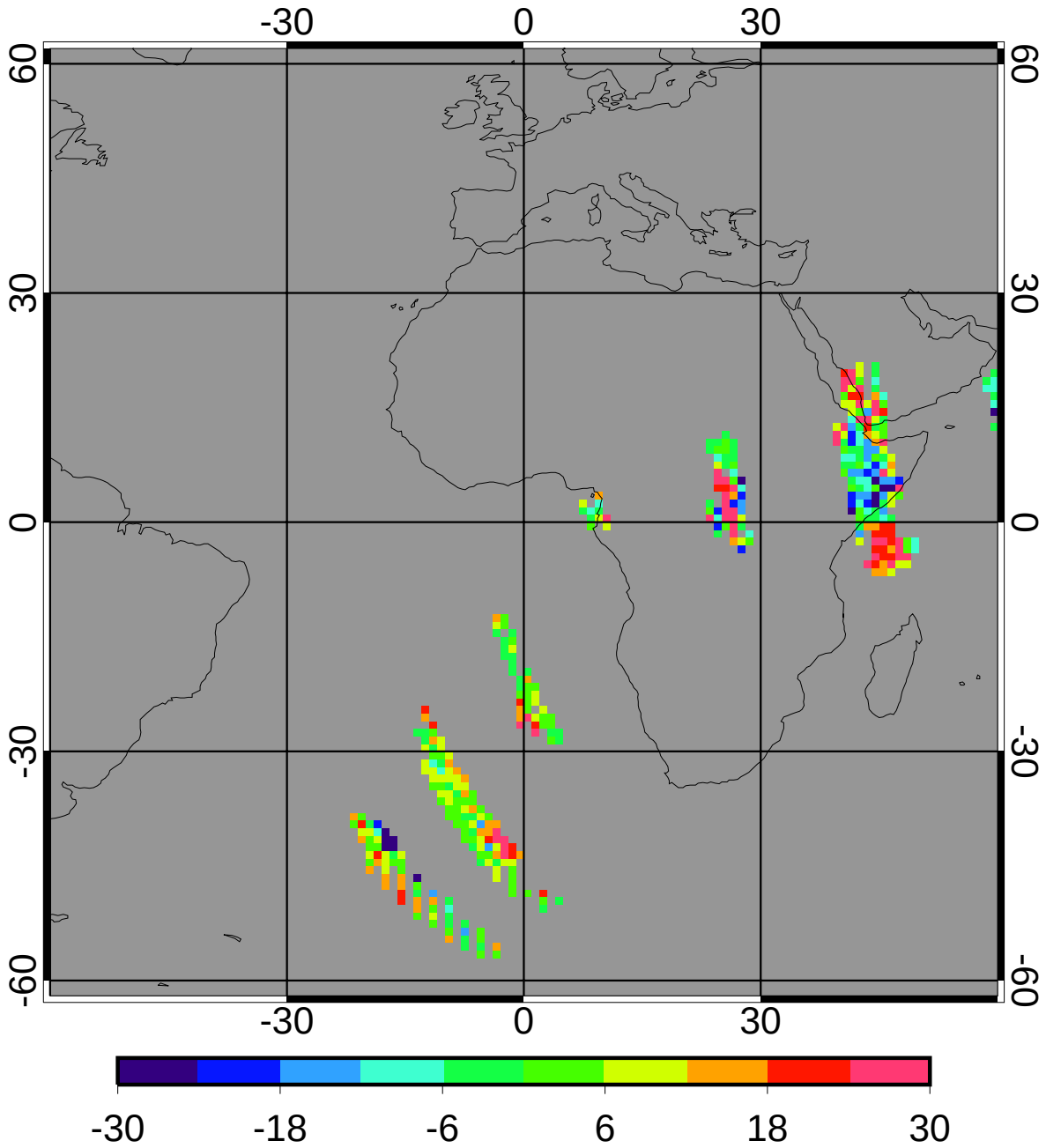
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



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

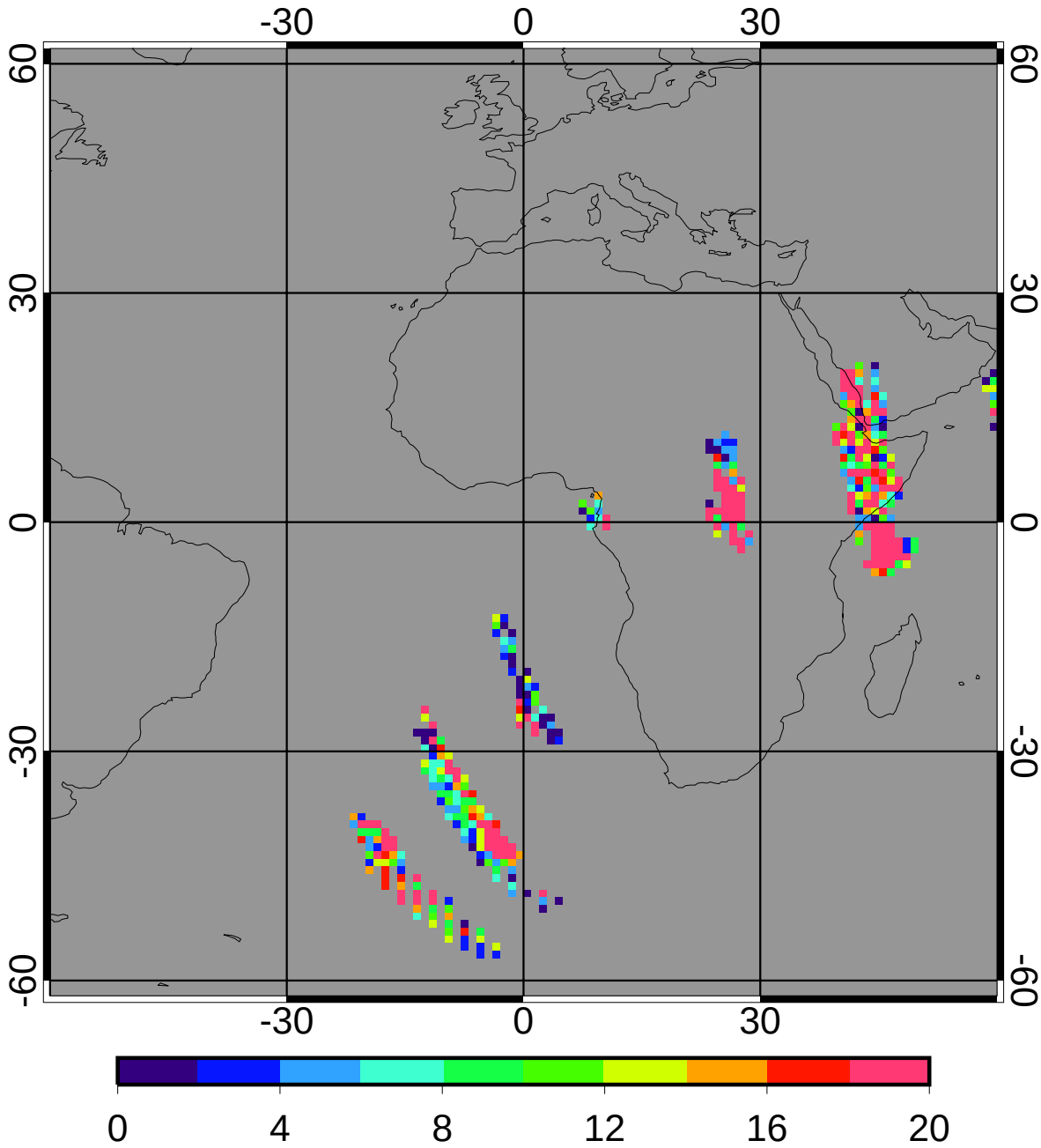
5ch Apr 2010 (matched angle) (lapse rate)



bias	4.70	12.93%
domain sigma	15.51	42.66%

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

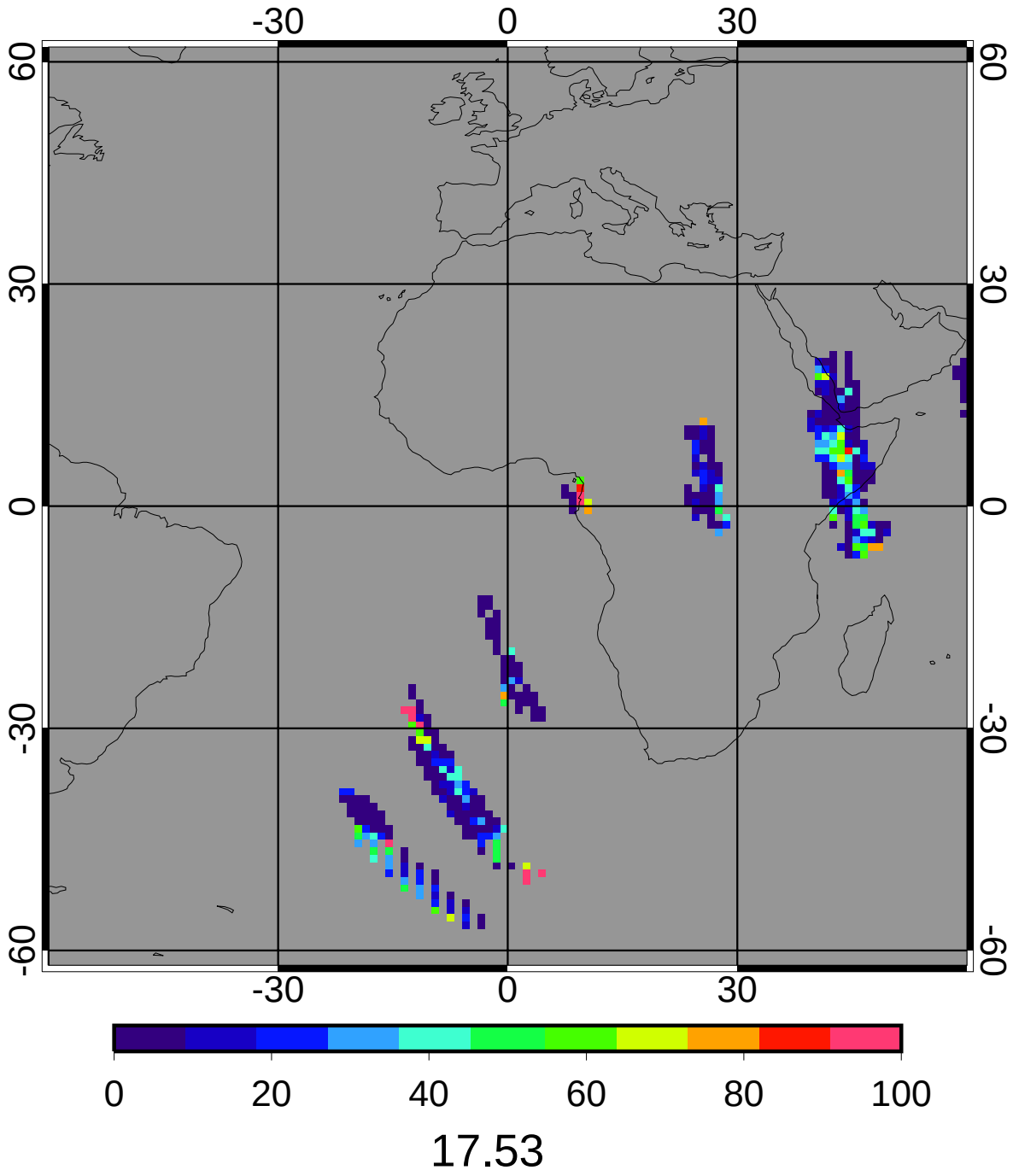
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	16.02	44.06%
domain rms	20.54	56.49%

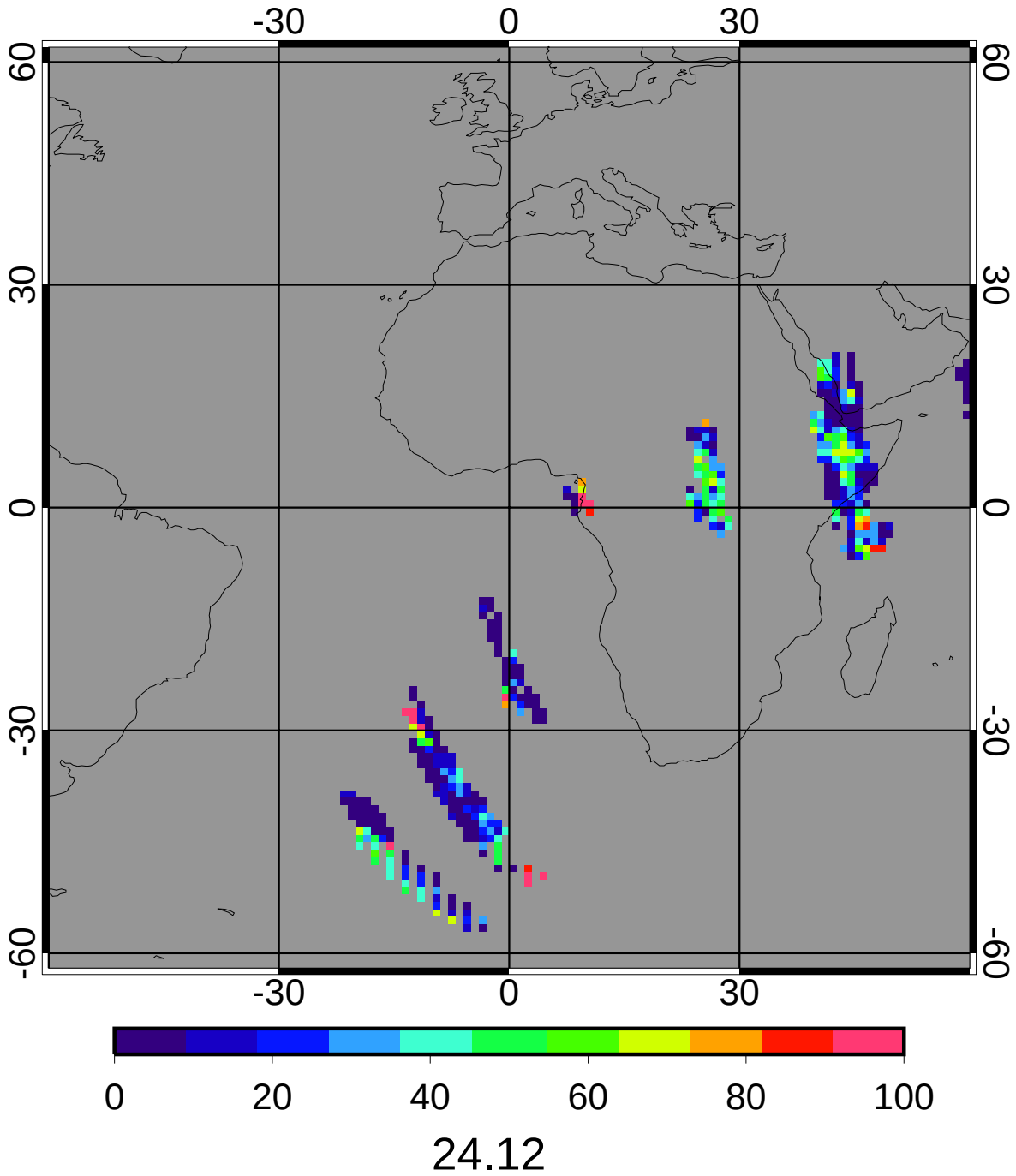
GGEO MEAN Daytime Ice Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



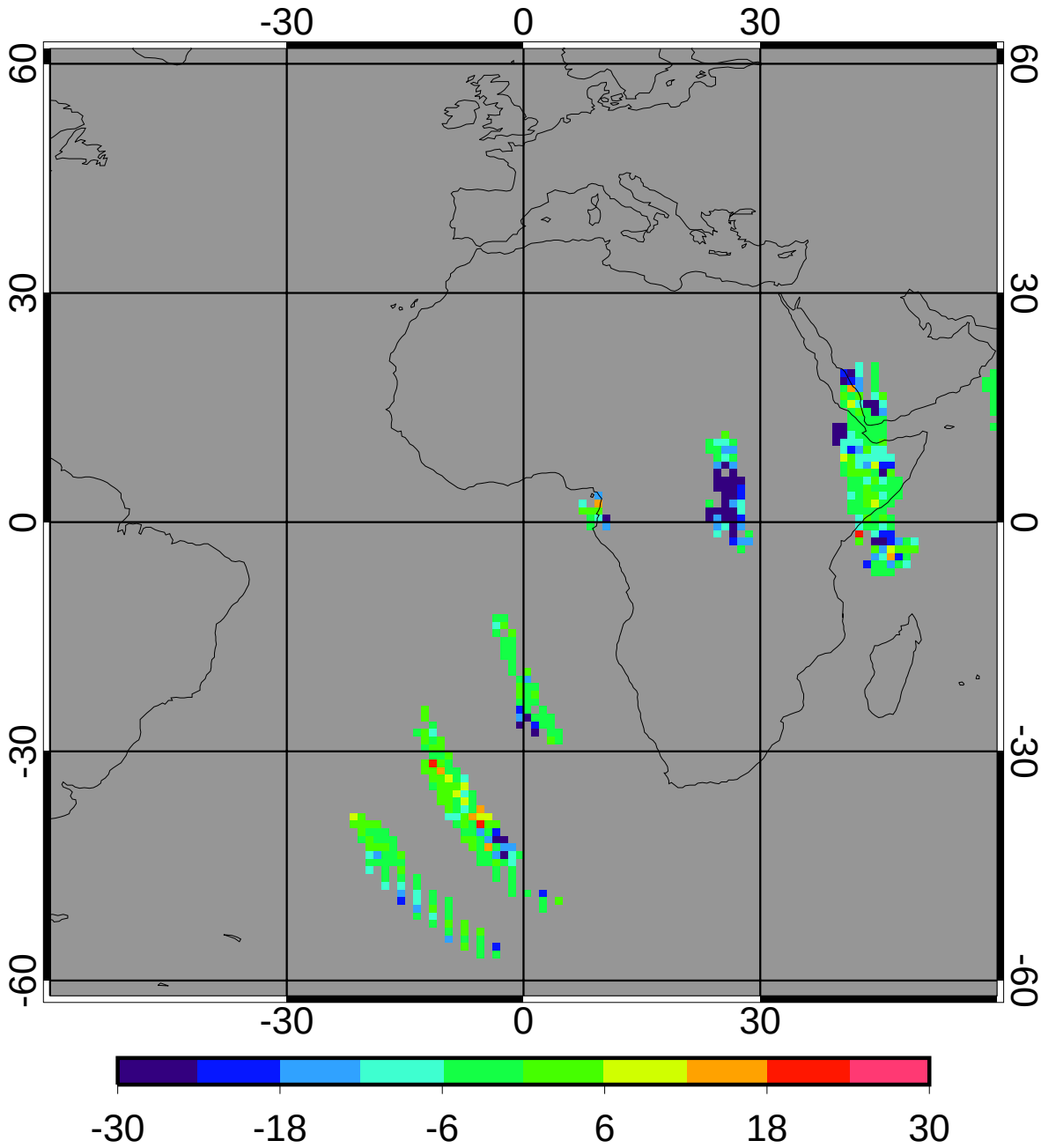
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



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

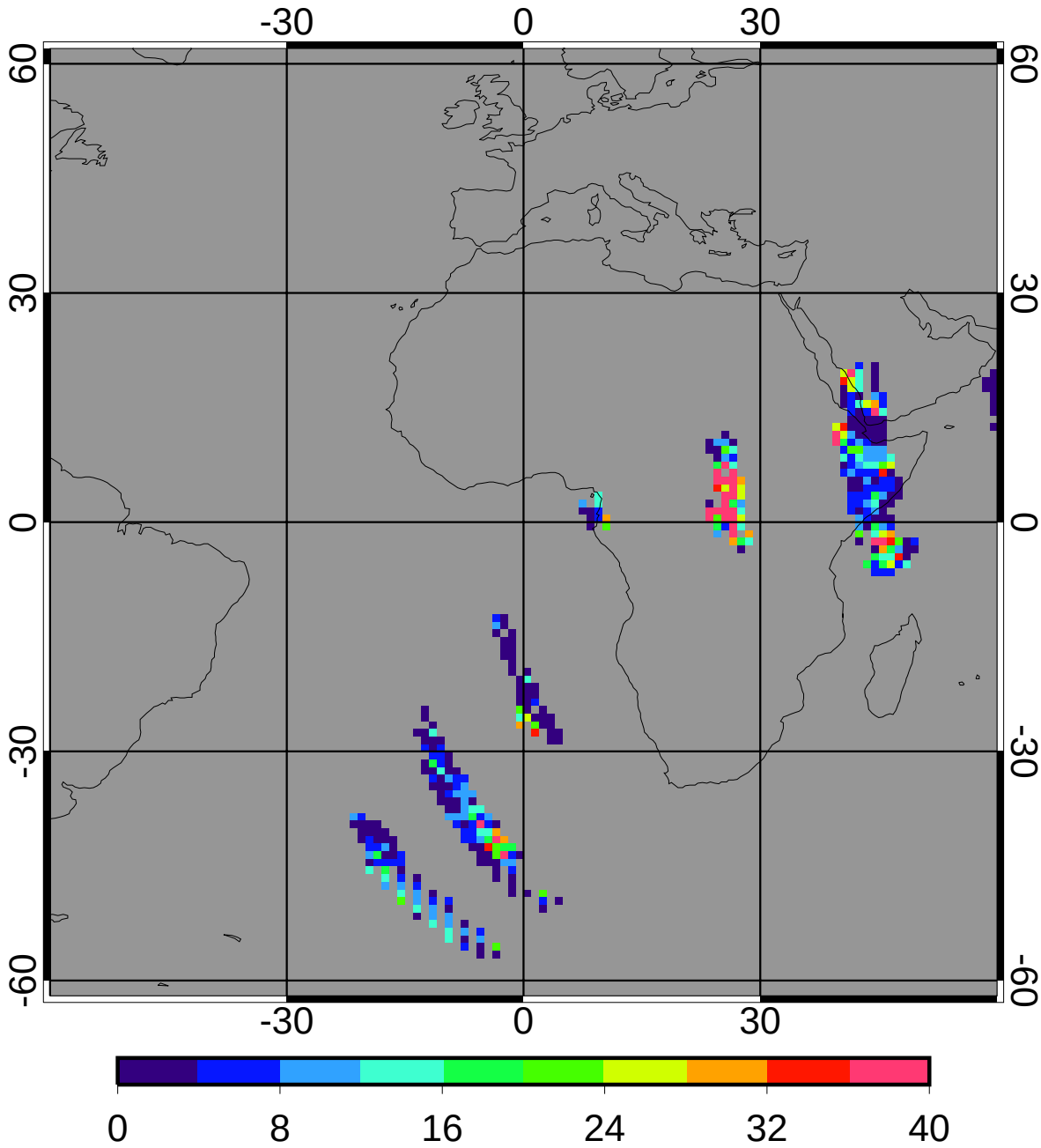
5ch Apr 2010 (matched angle) (lapse rate)



bias	-6.58	-27.29%
domain sigma	11.67	48.38%

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

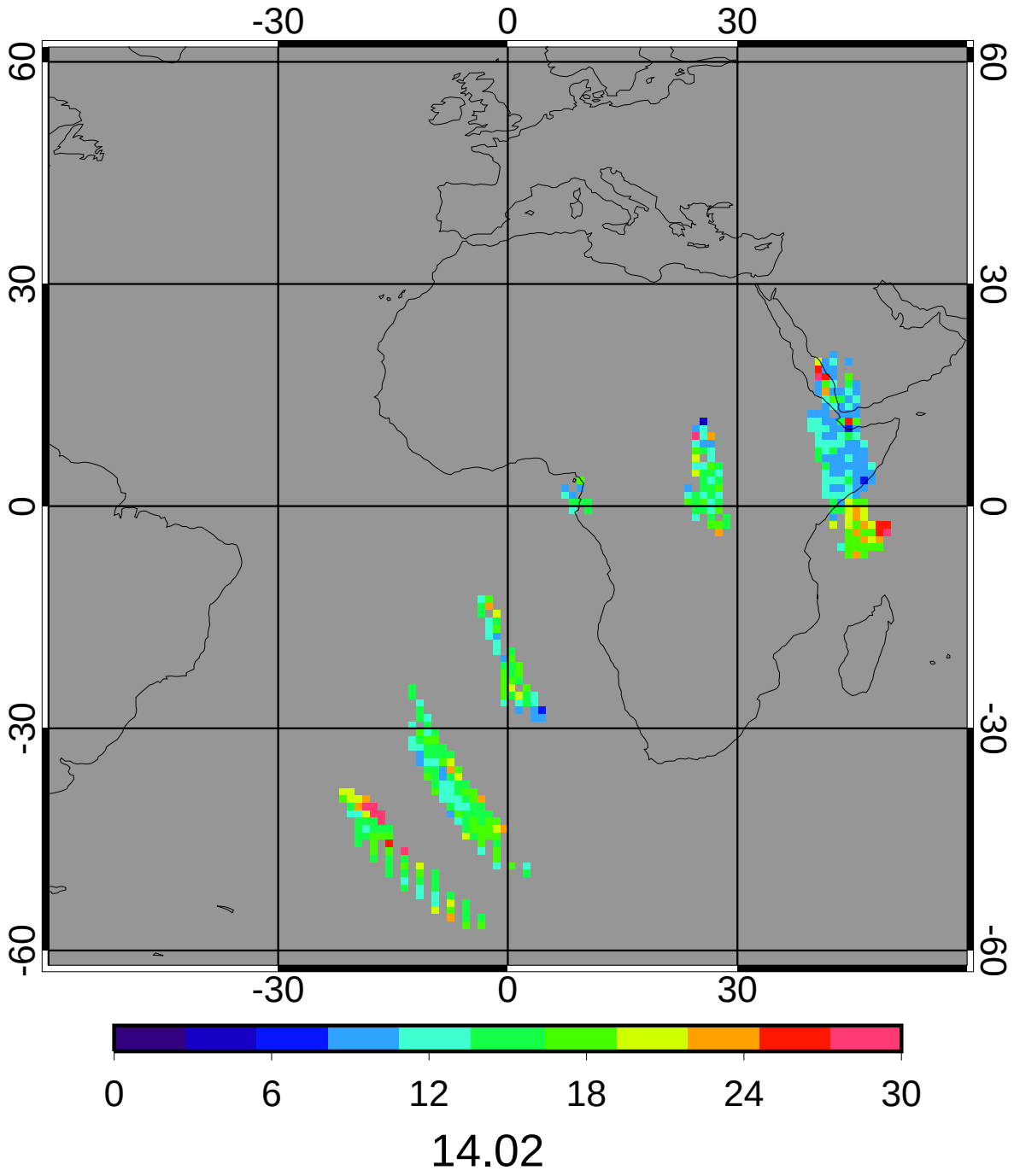
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	11.08	45.93%
domain rms	17.03	70.60%

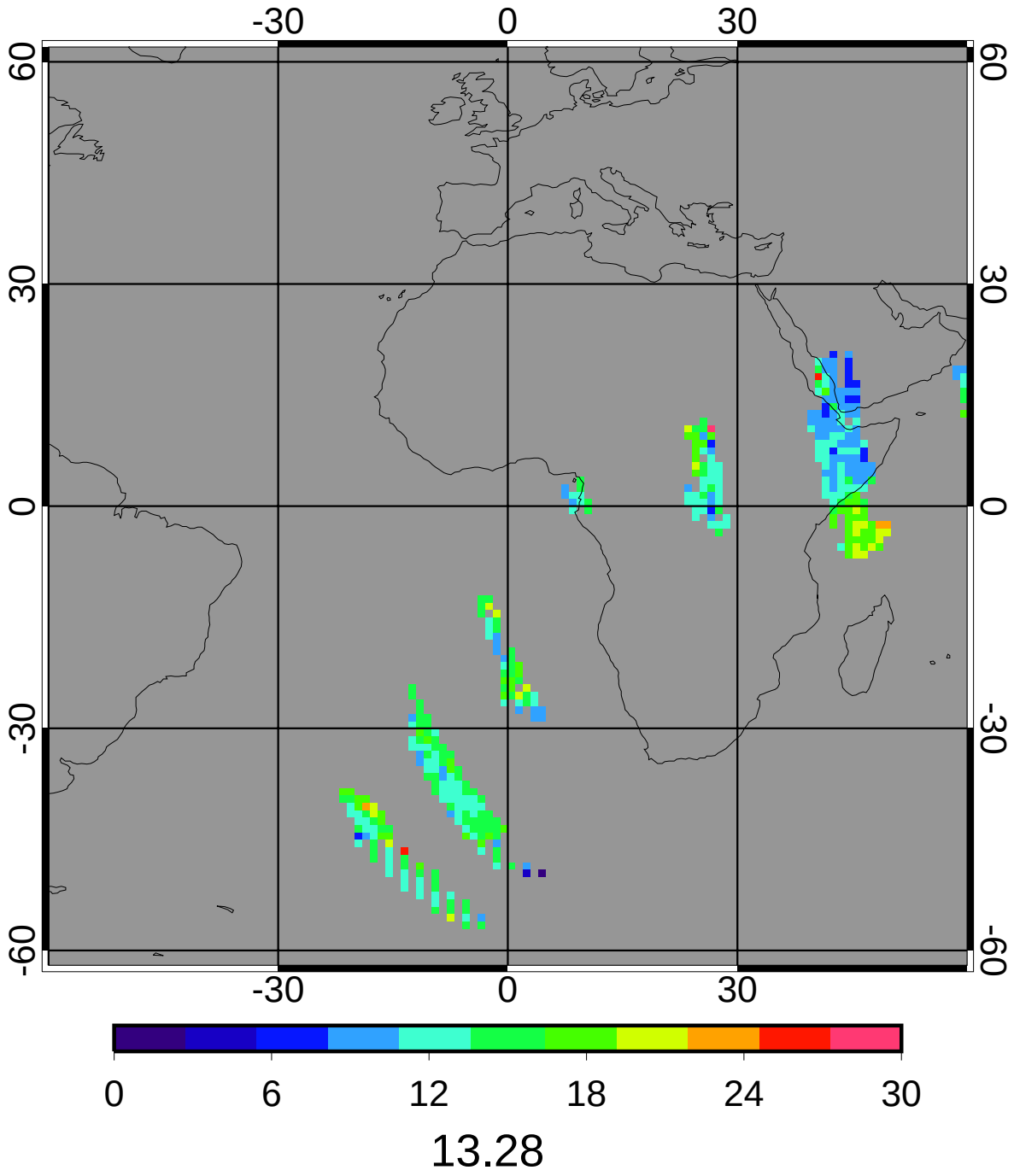
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch Apr 2010 (matched angle) (lapse rate)



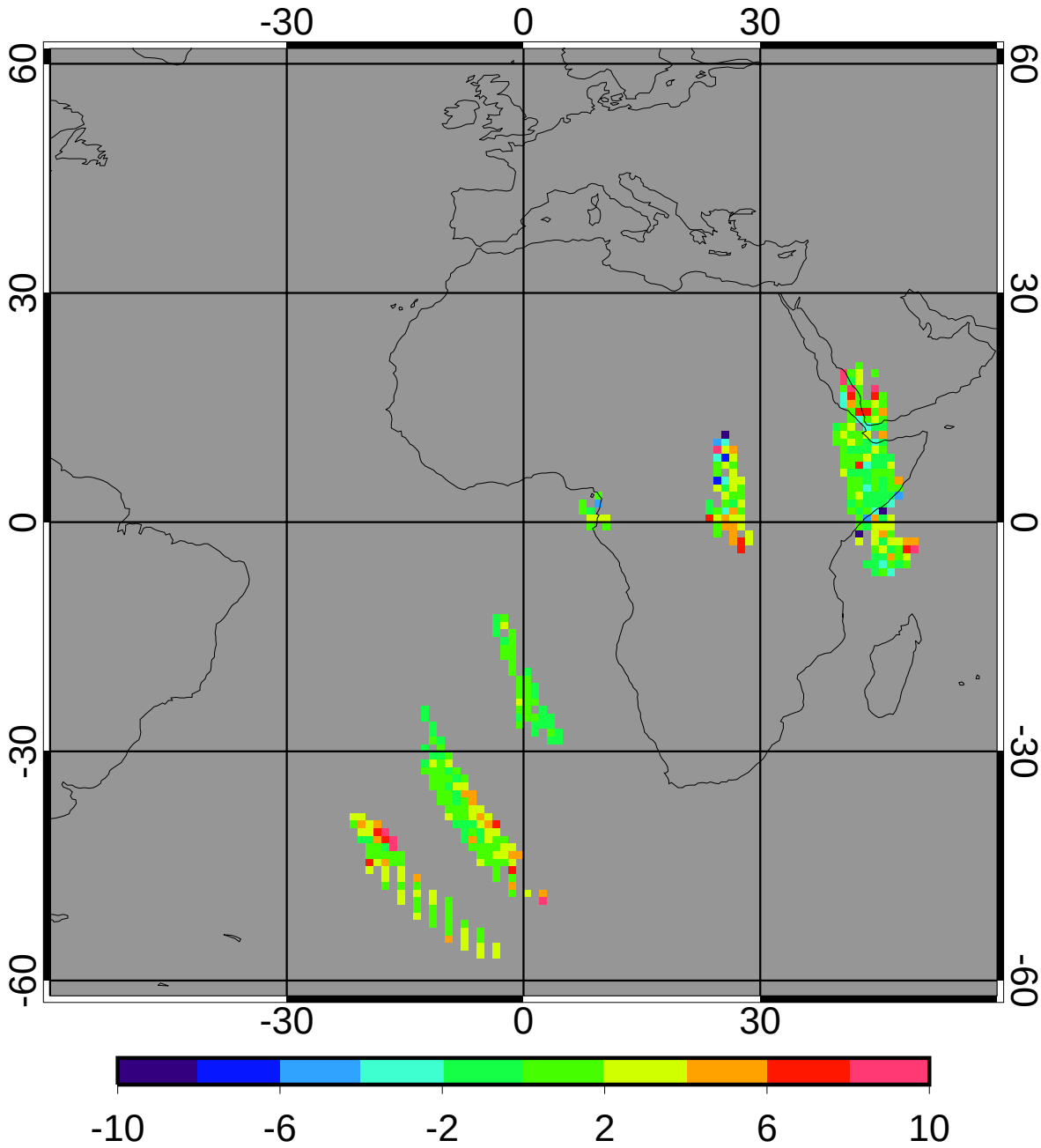
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch Apr 2010 (matched angle) (lapse rate)



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

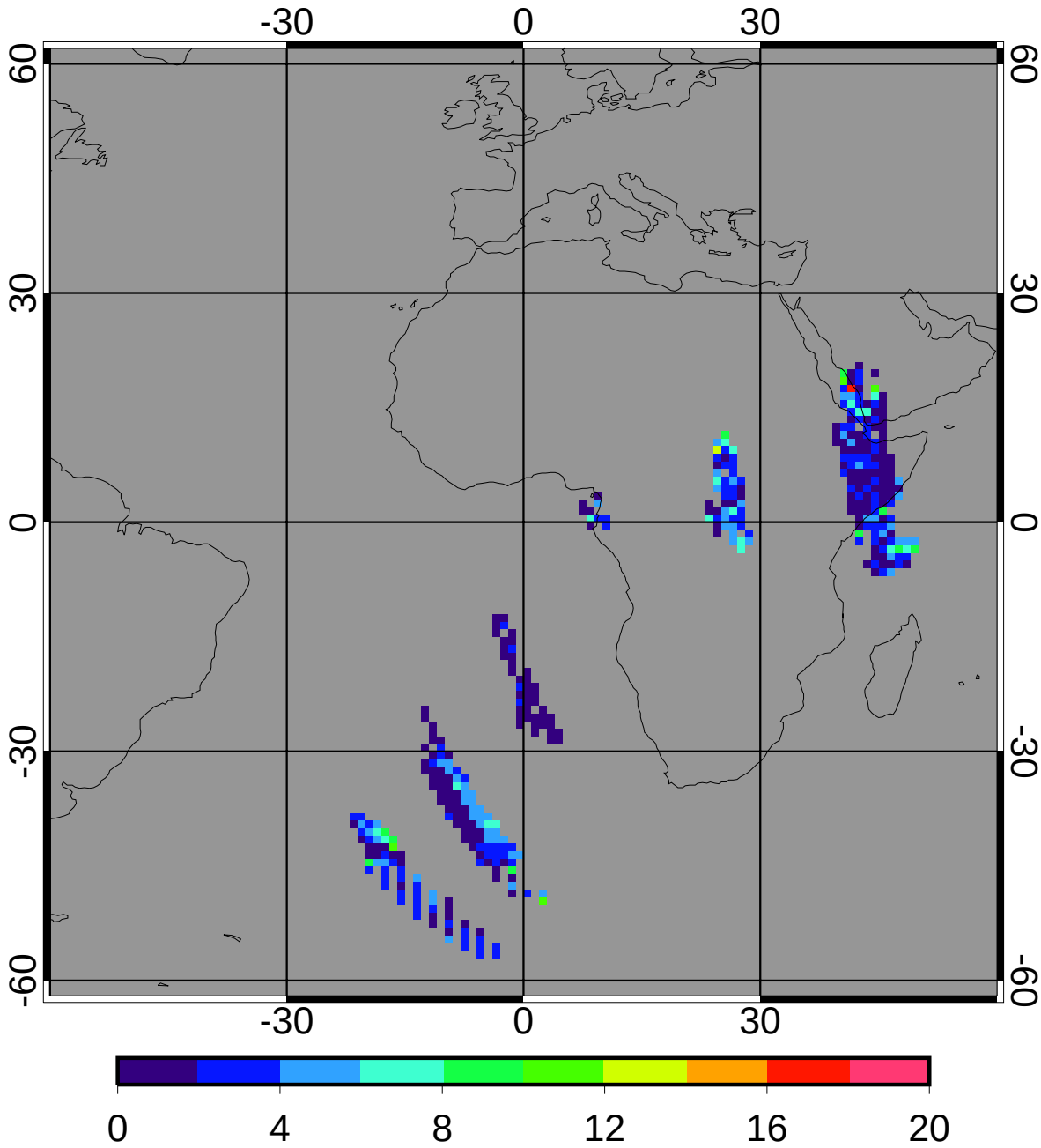
5ch Apr 2010 (matched angle) (lapse rate)



bias	1.26	9.48%
domain sigma	2.51	18.91%

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

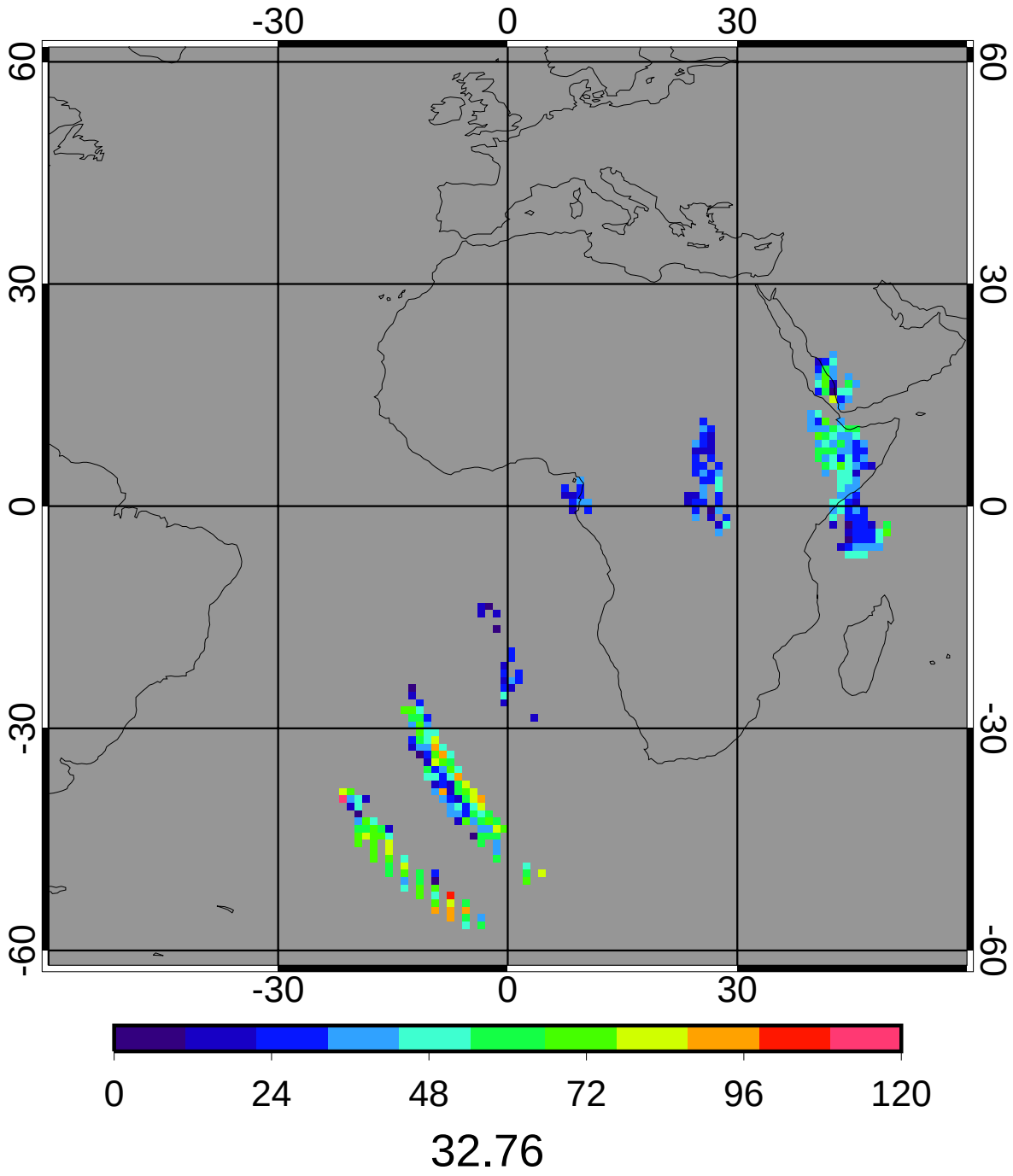
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	2.55	19.17%
domain rms	3.22	24.27%

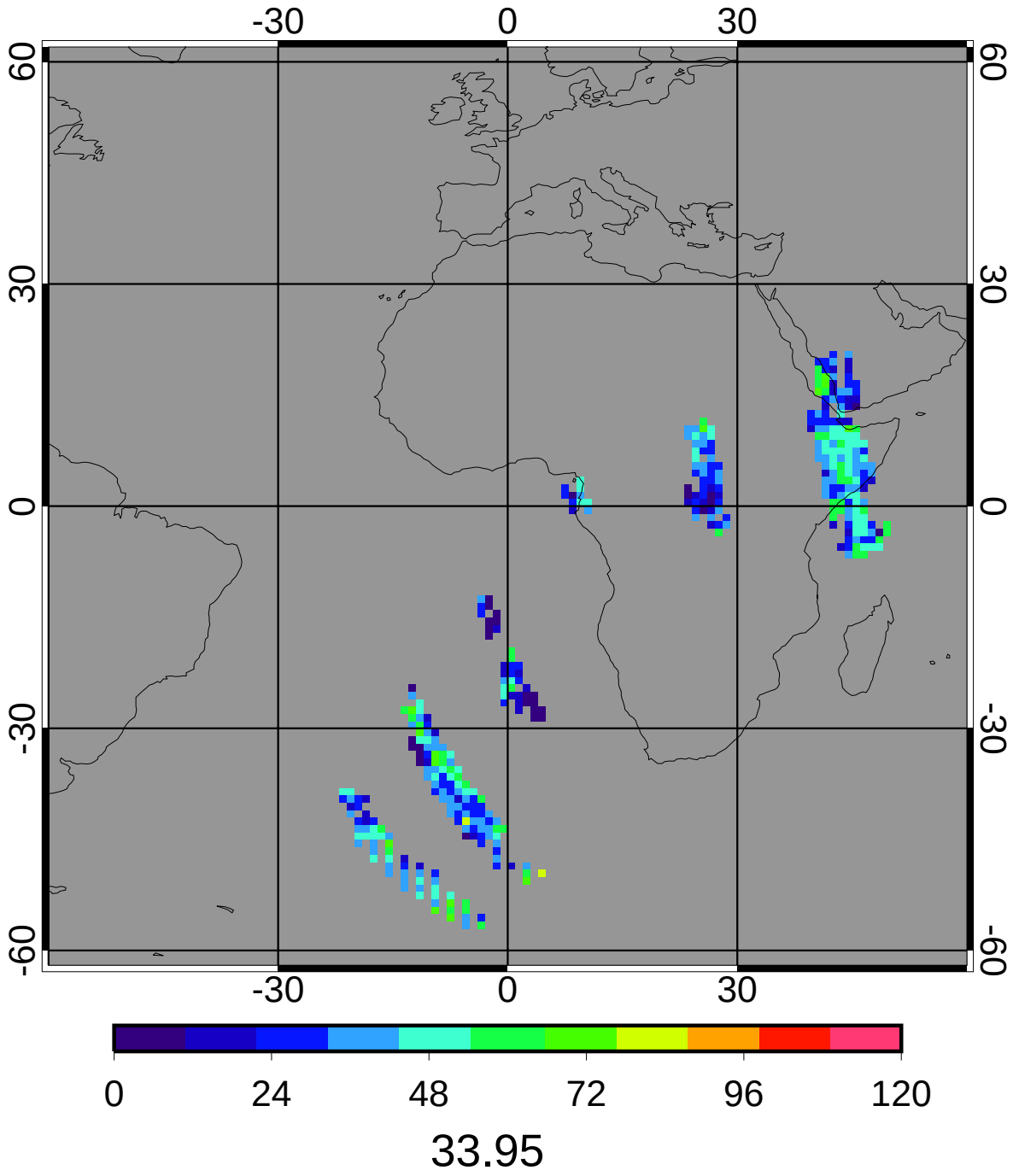
GGEO MEAN Daytime Ice Particle Size (microns)

5ch Apr 2010 (matched angle) (lapse rate)



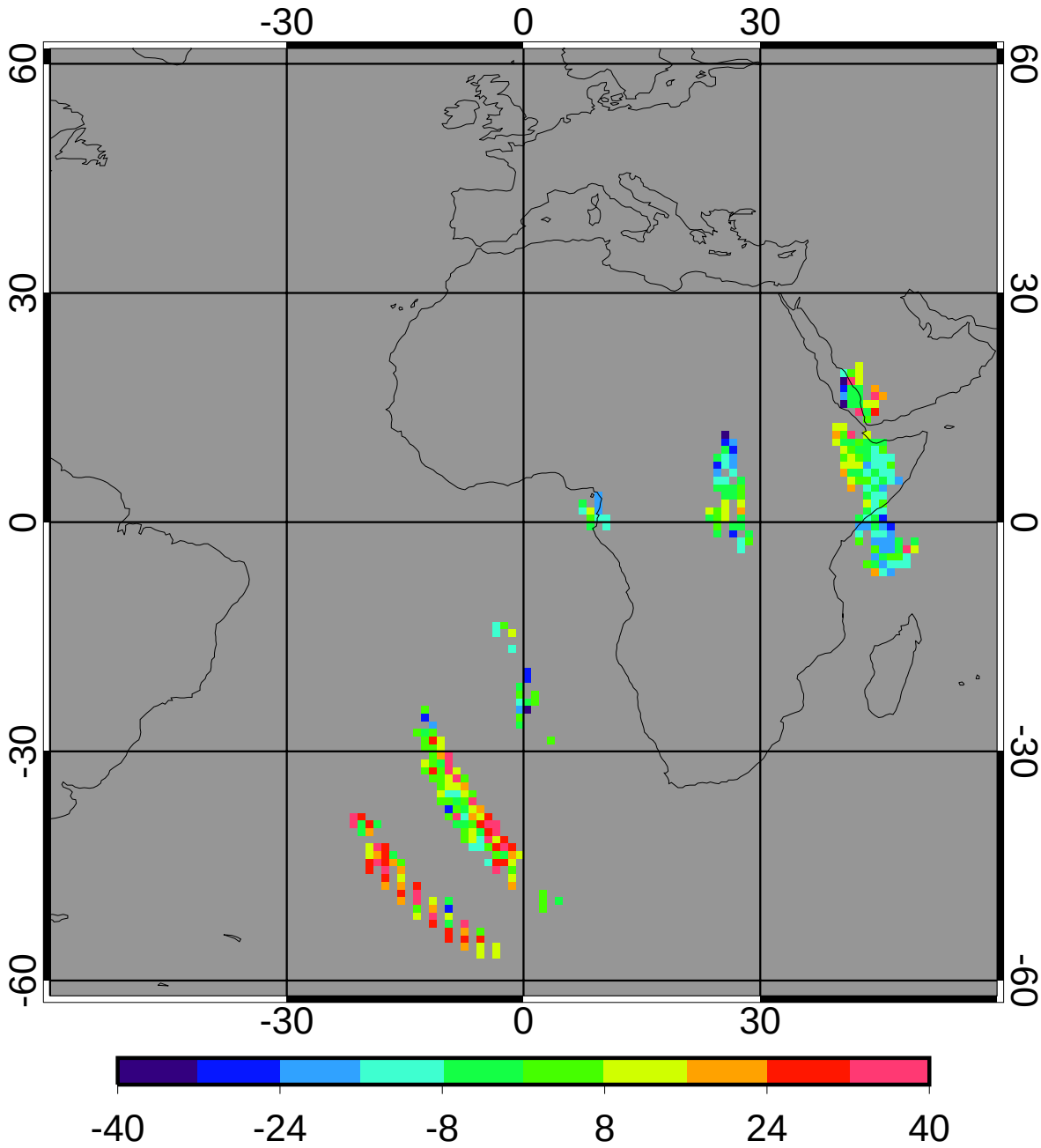
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch Apr 2010 (matched angle) (lapse rate)



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

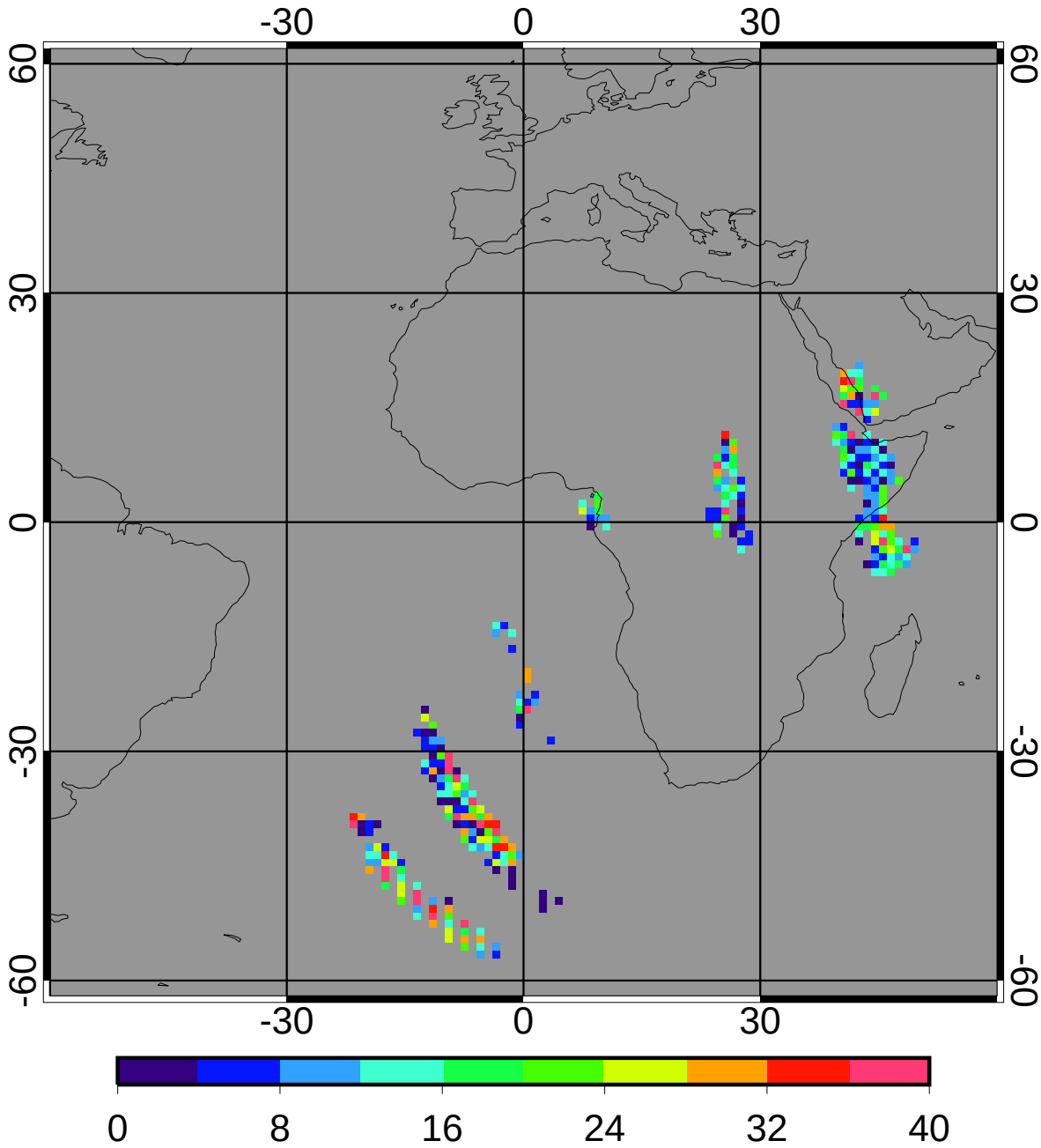
5ch Apr 2010 (matched angle) (lapse rate)



bias	2.11	6.20%
domain sigma	15.61	45.98%

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

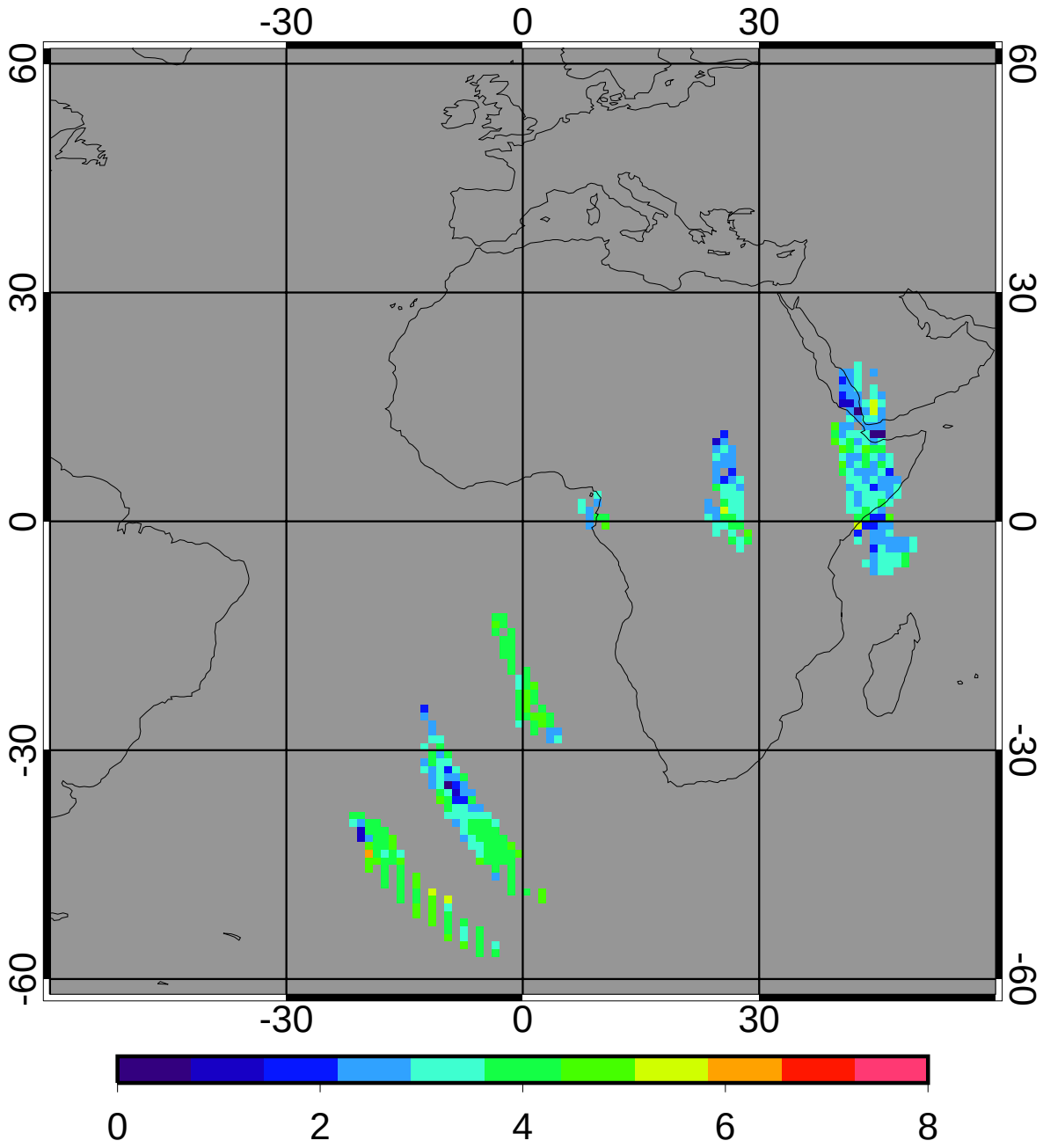
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	12.16	35.82%
domain rms	19.17	56.48%

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

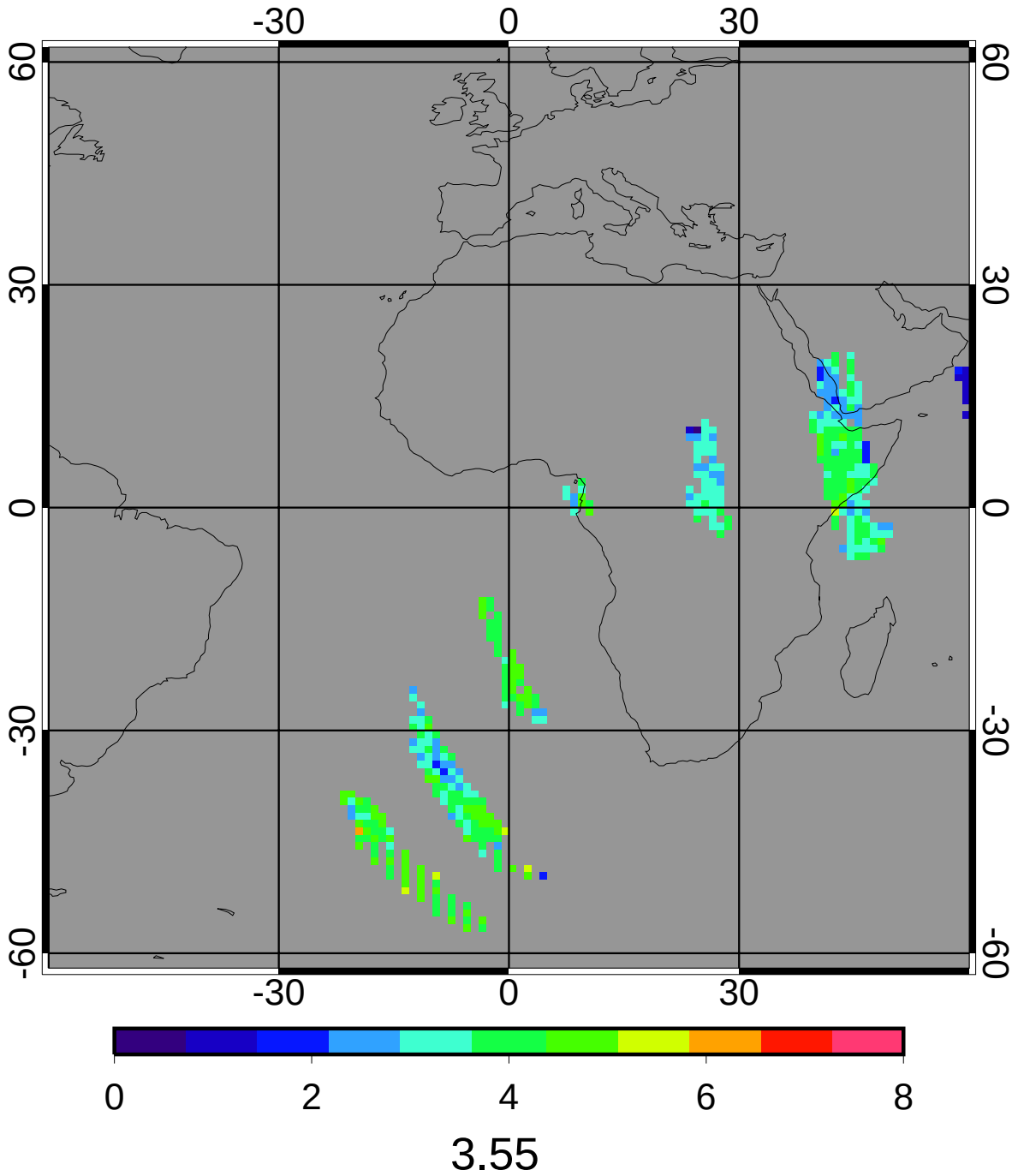
5ch Apr 2010 (matched angle) (lapse rate)



3.12

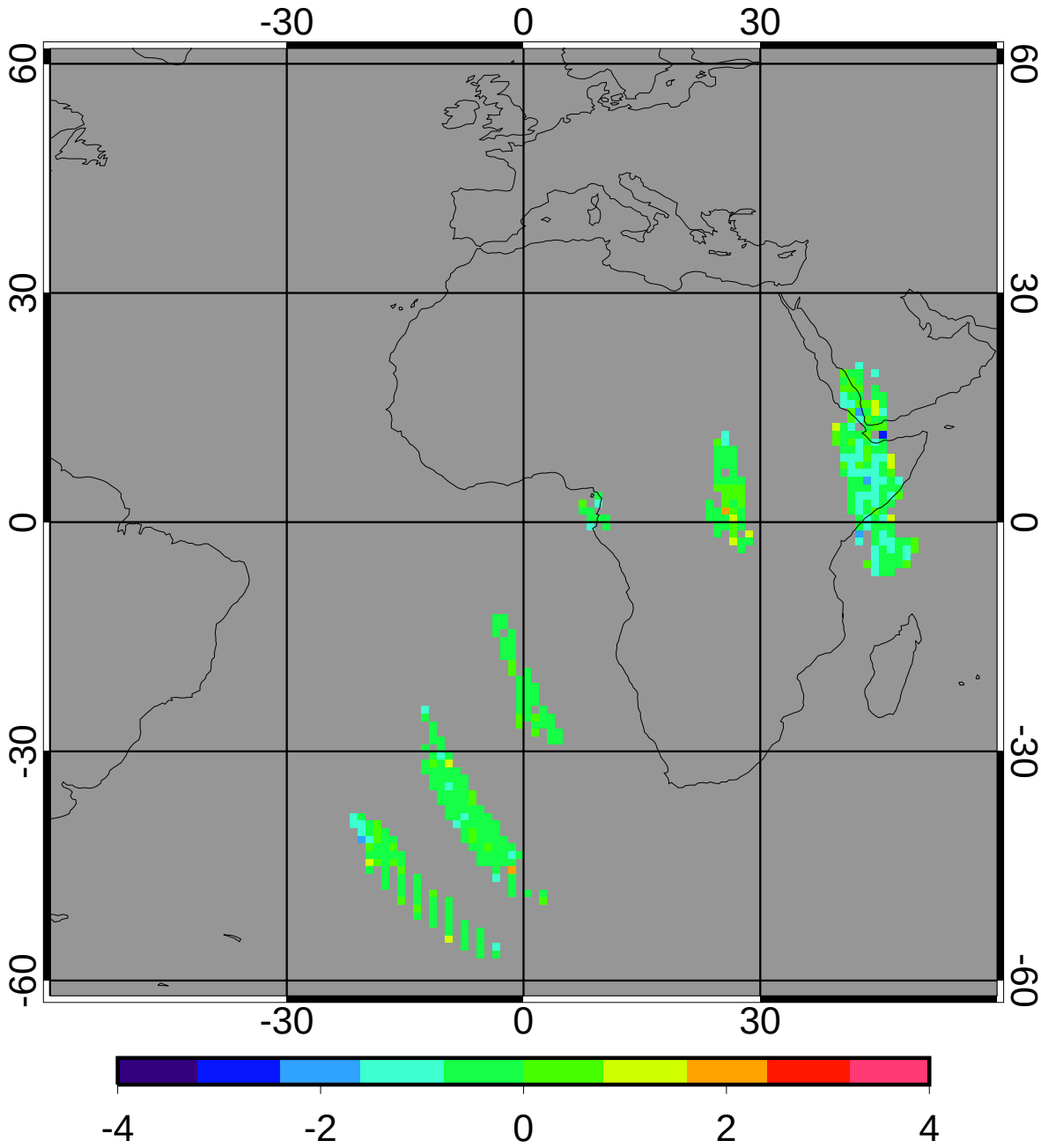
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch Apr 2010 (matched angle) (lapse rate)



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

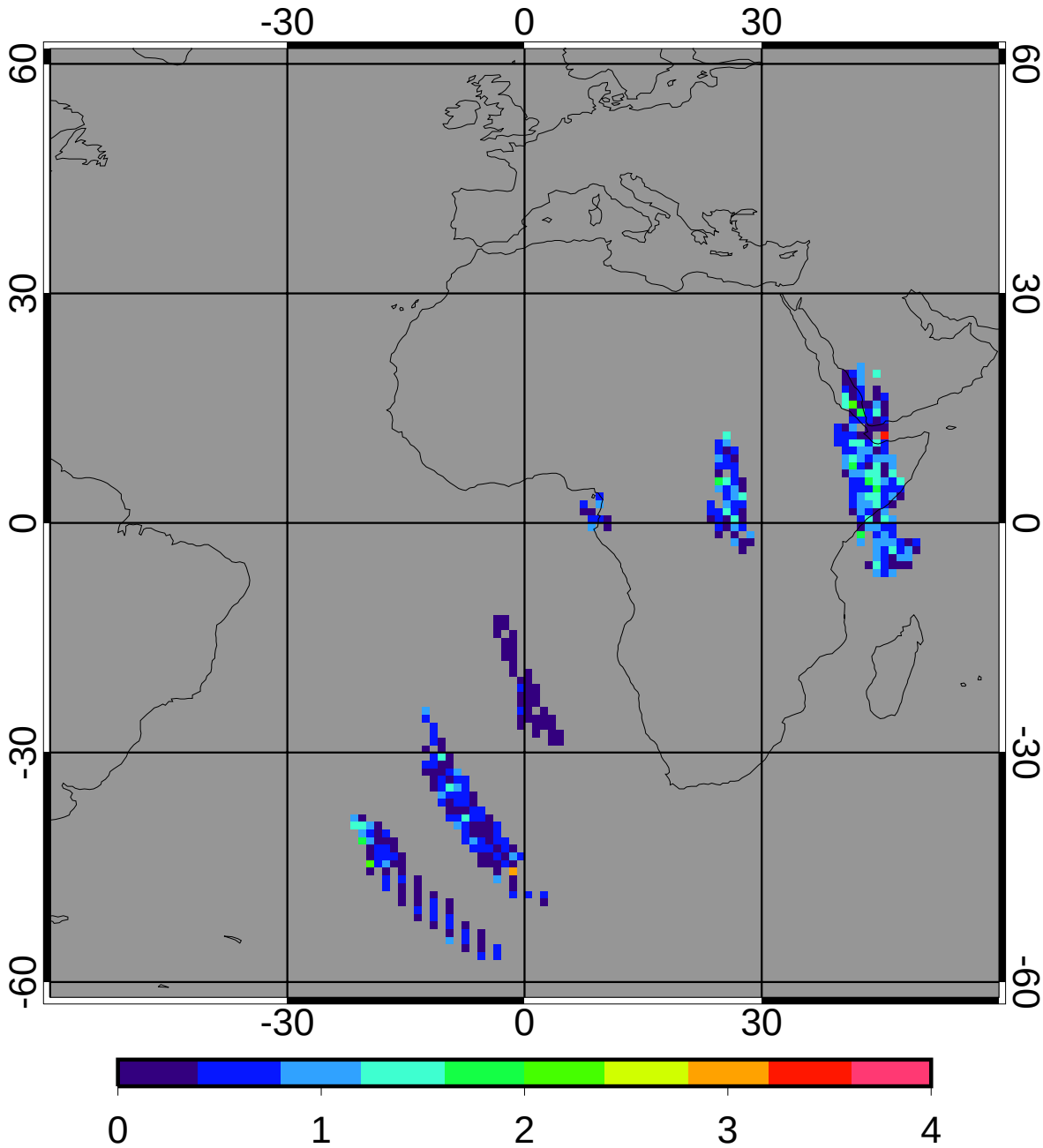
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.33	-9.22%
domain sigma	0.53	14.86%

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

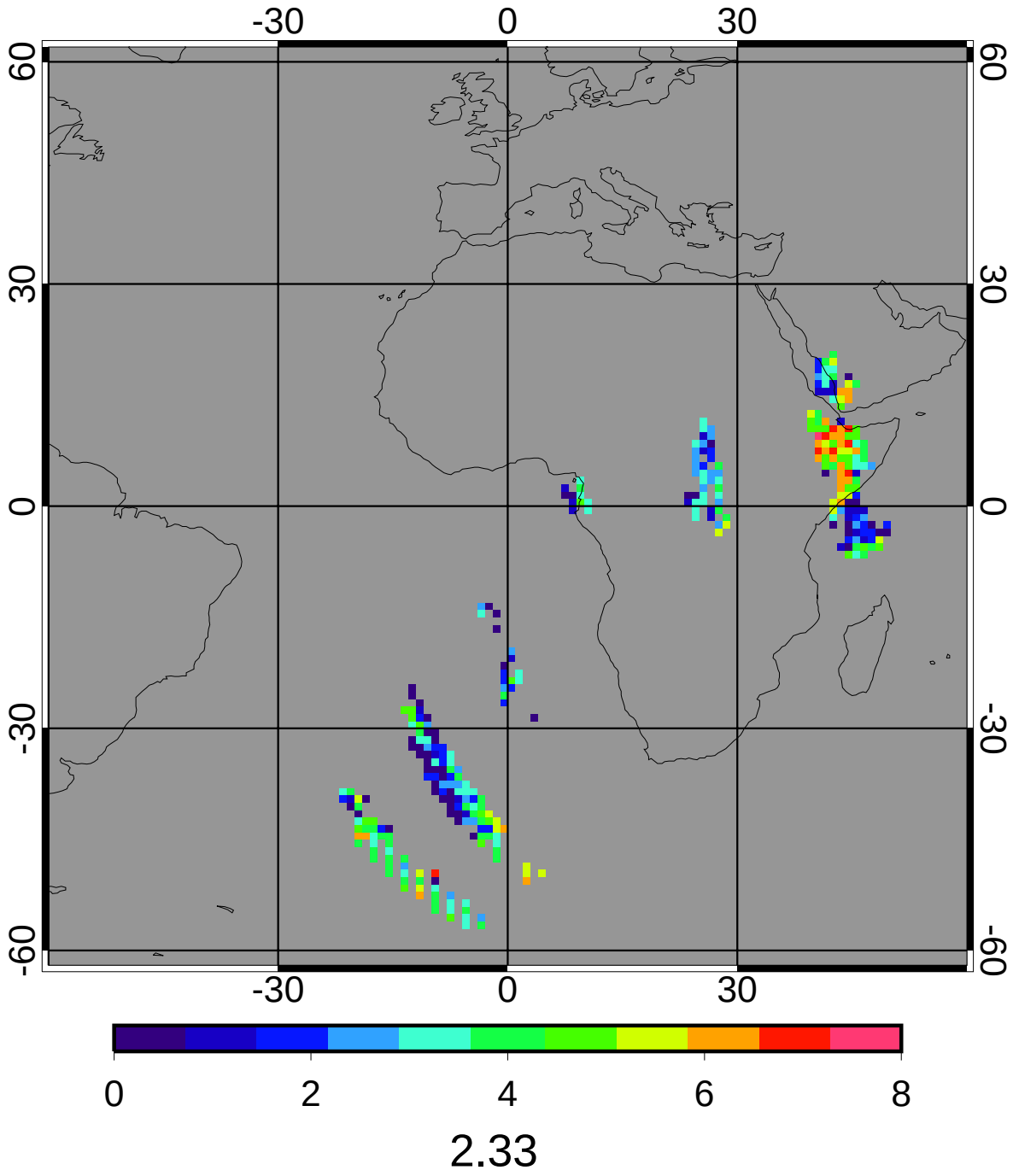
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.57	16.04%
domain rms	0.68	19.31%

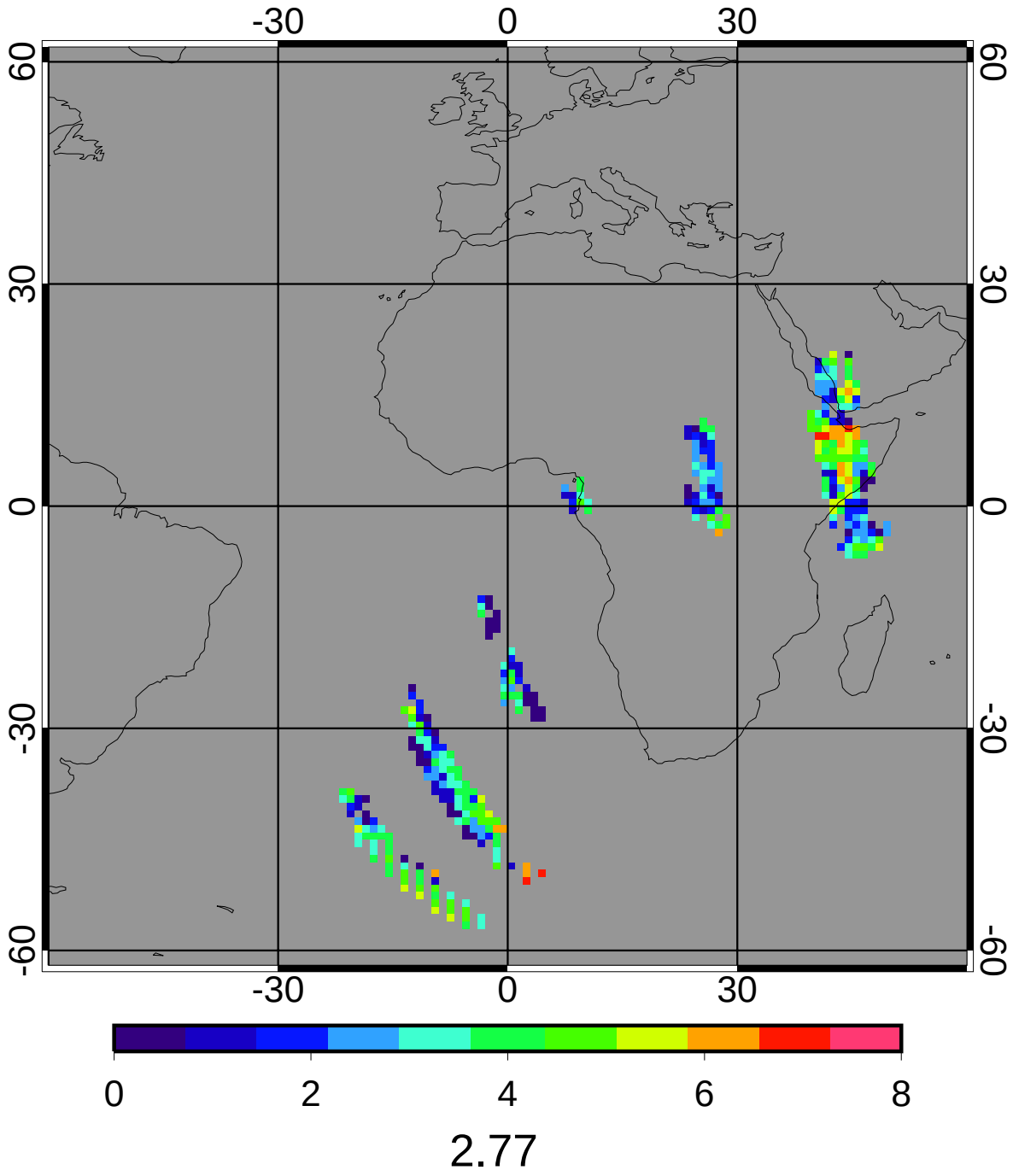
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch Apr 2010 (matched angle) (lapse rate)



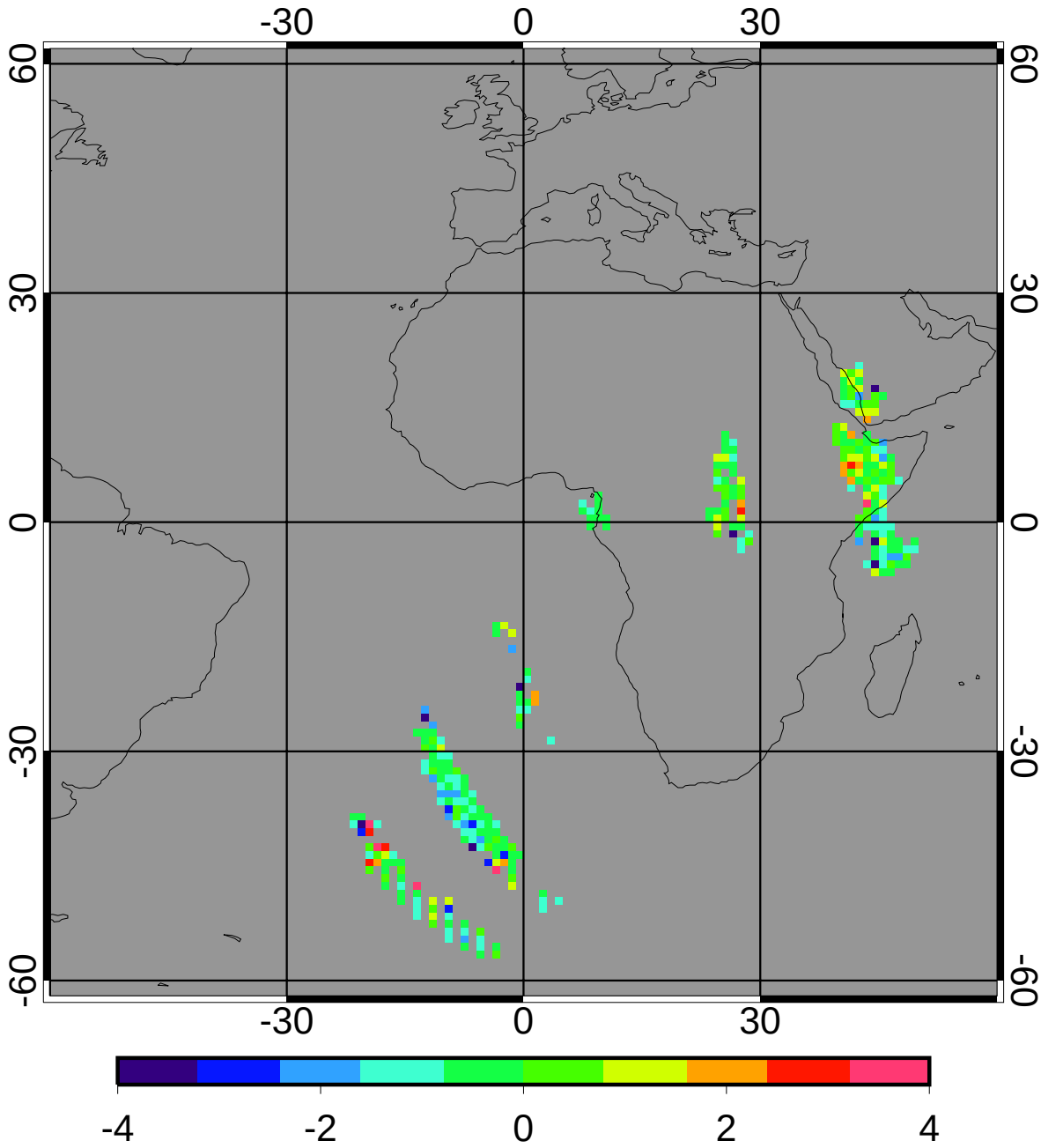
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch Apr 2010 (matched angle) (lapse rate)



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

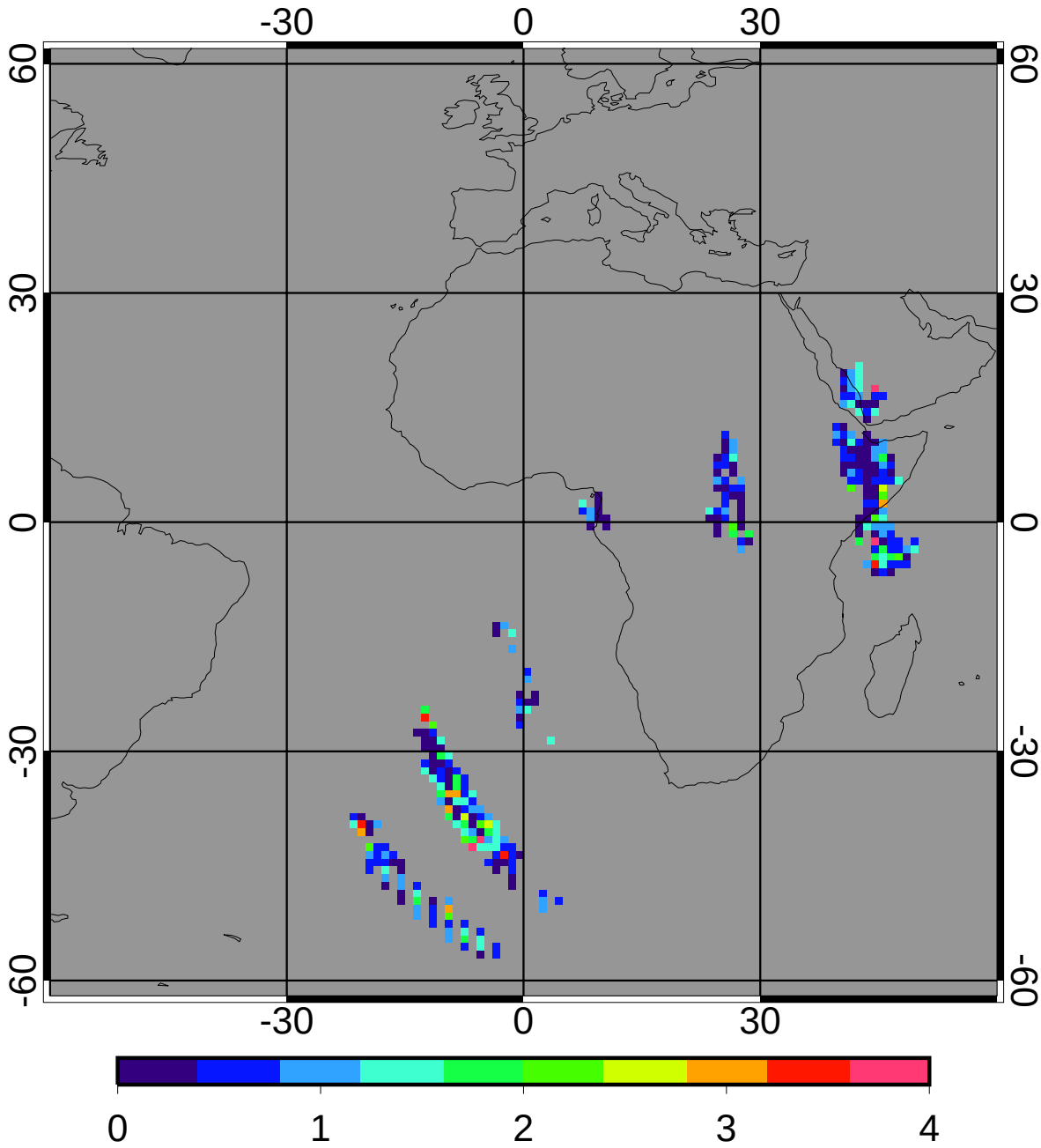
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.22	-8.02%
domain sigma	1.08	38.98%

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

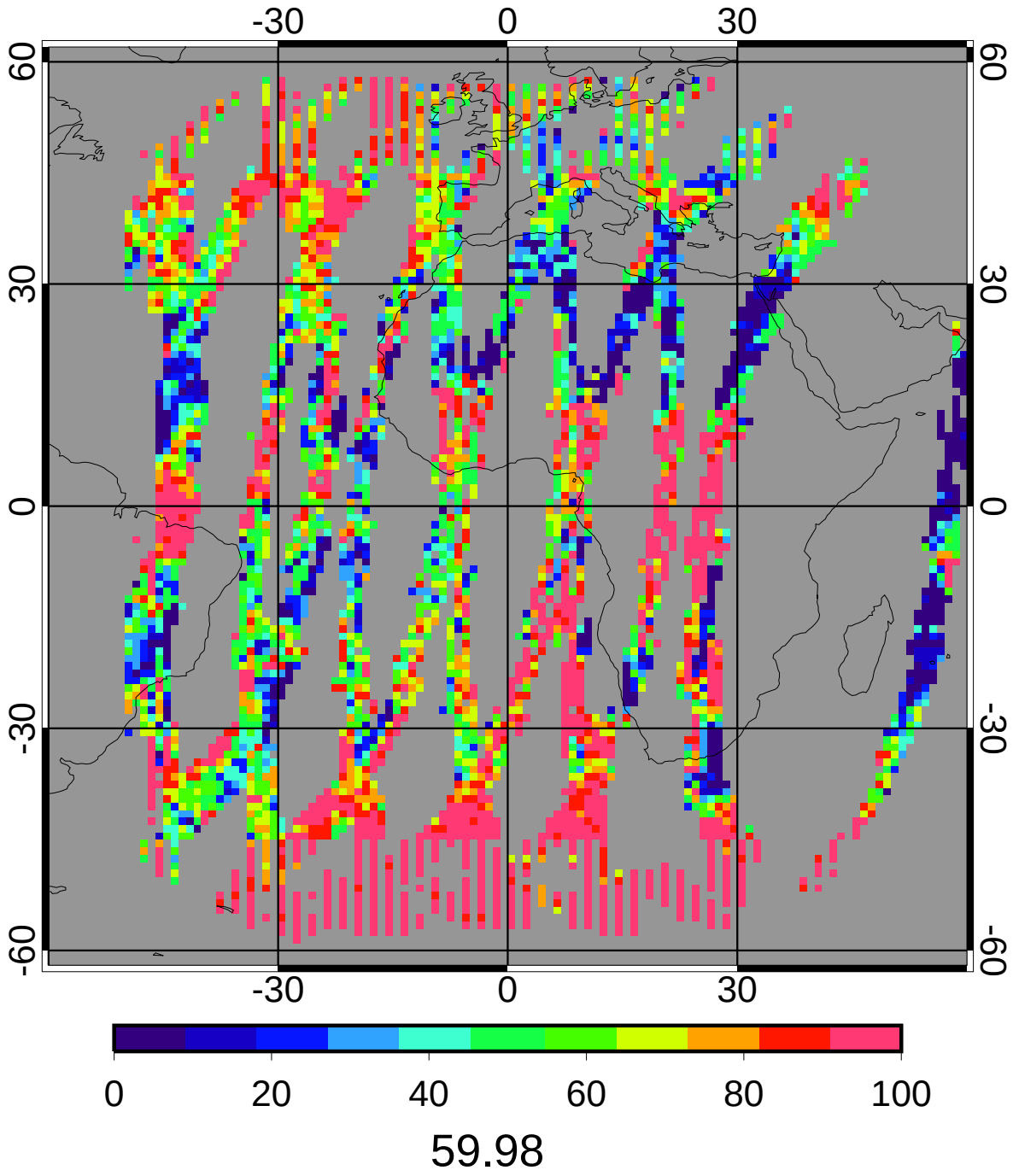
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.66	23.89%
domain rms	1.13	40.77%

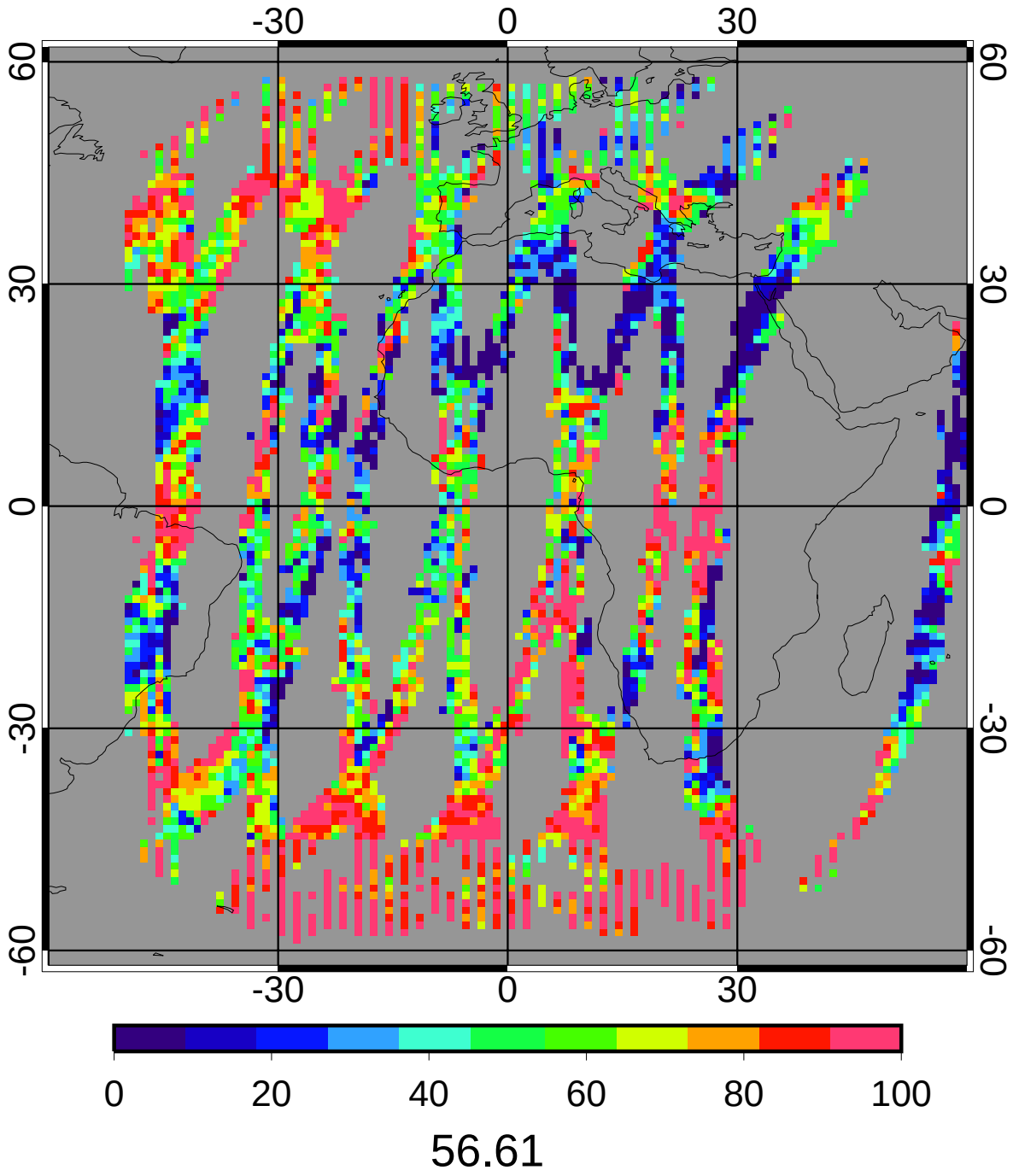
GGEO MEAN Nighttime Cloud Amount (%)

5ch Apr 2010 (matched angle) (lapse rate)



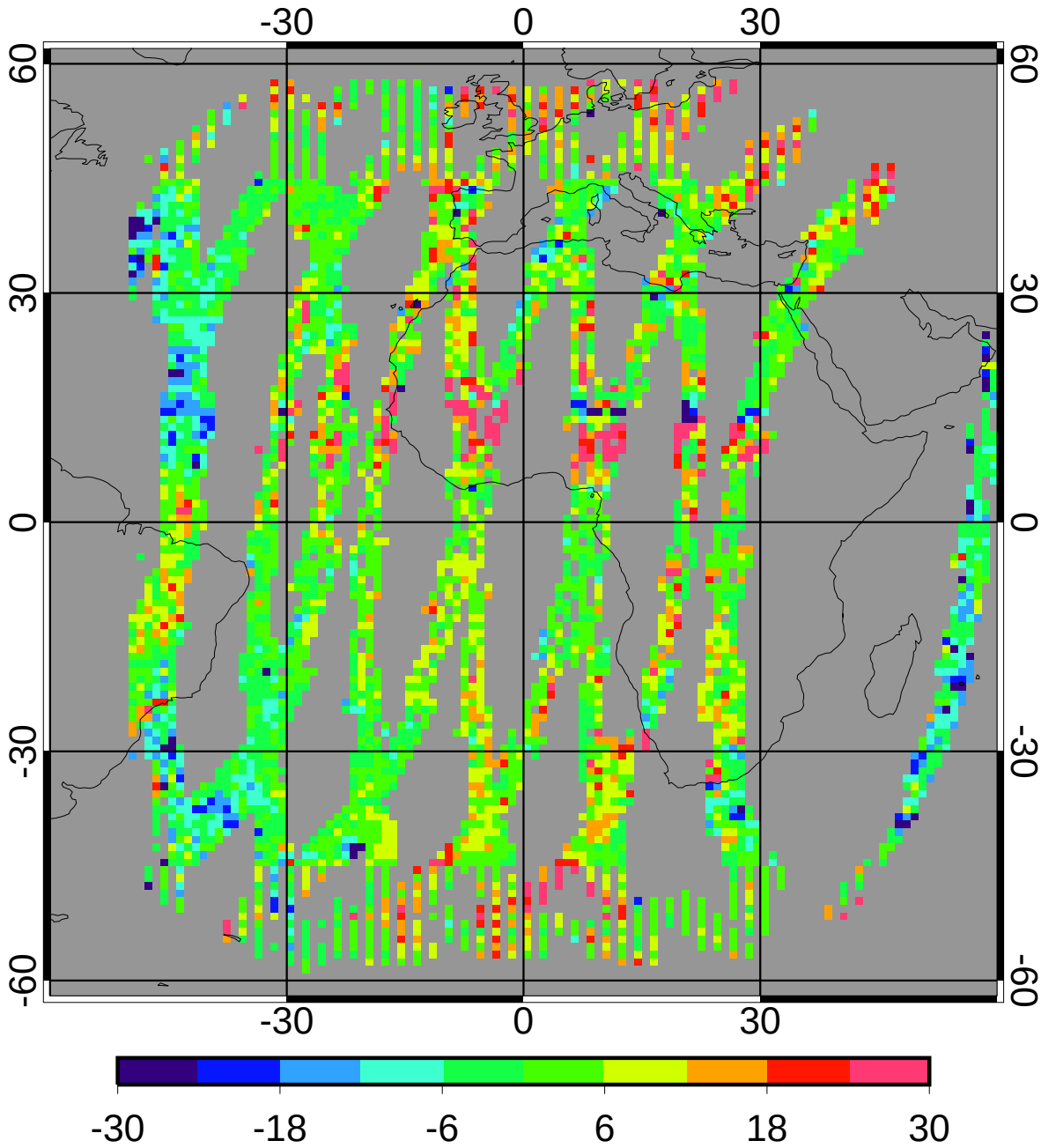
CERES/Aqua MEAN Nighttime Cloud Amount (%)

5ch Apr 2010 (matched angle) (lapse rate)



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

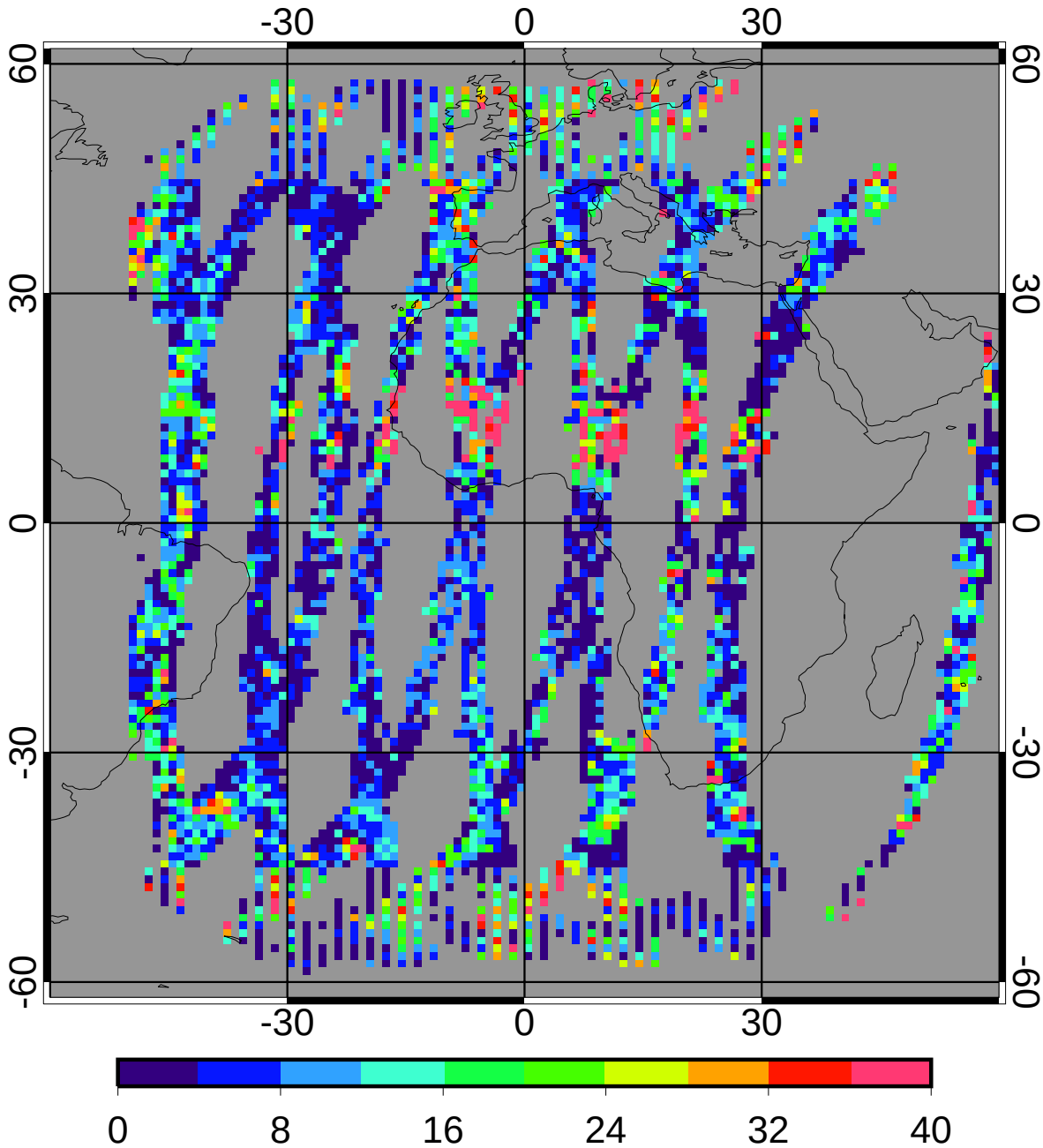
5ch Apr 2010 (matched angle) (lapse rate)



bias	3.38	5.96%
domain sigma	10.92	19.29%

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

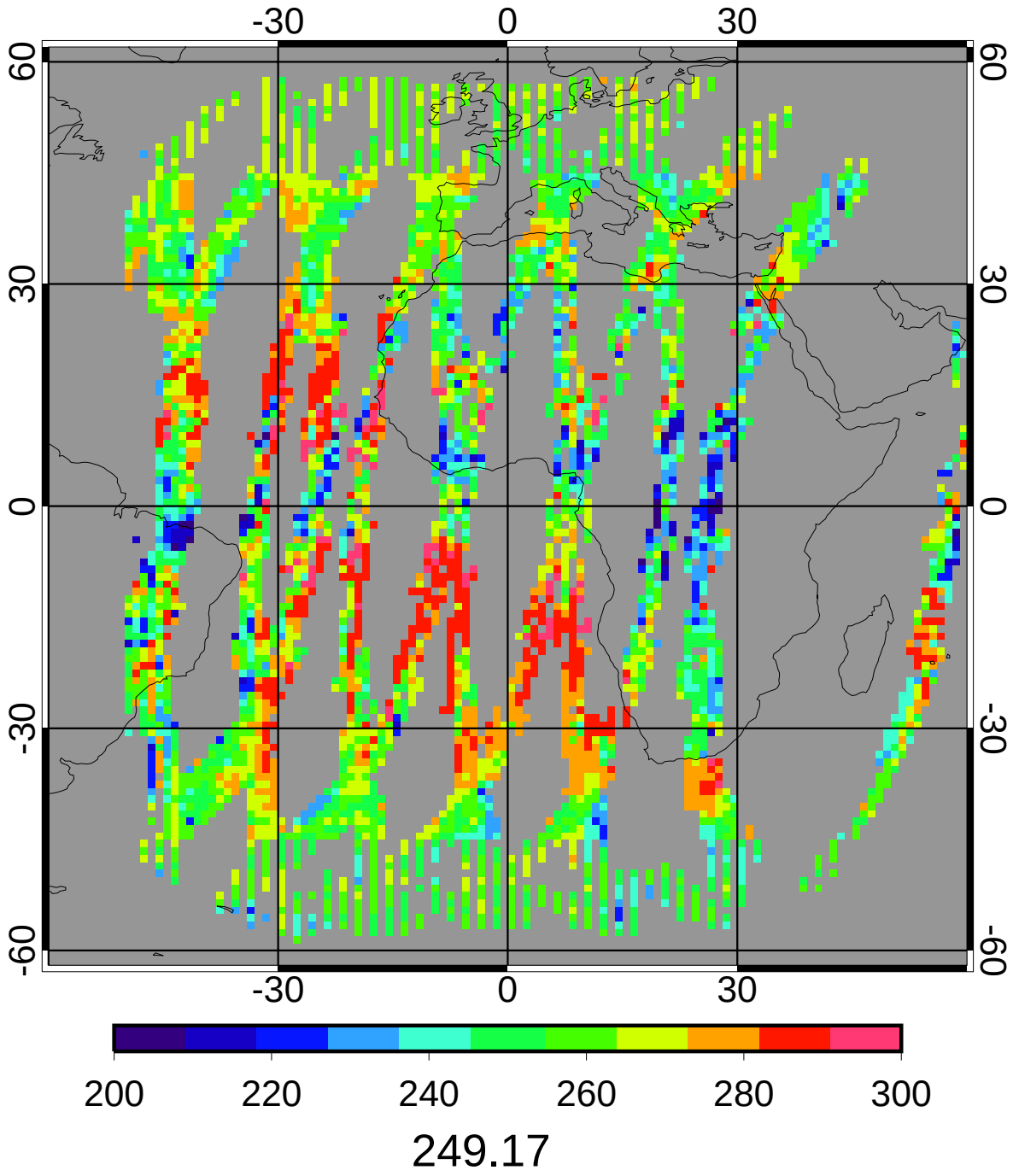
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	10.49	18.53%
domain rms	14.16	25.02%

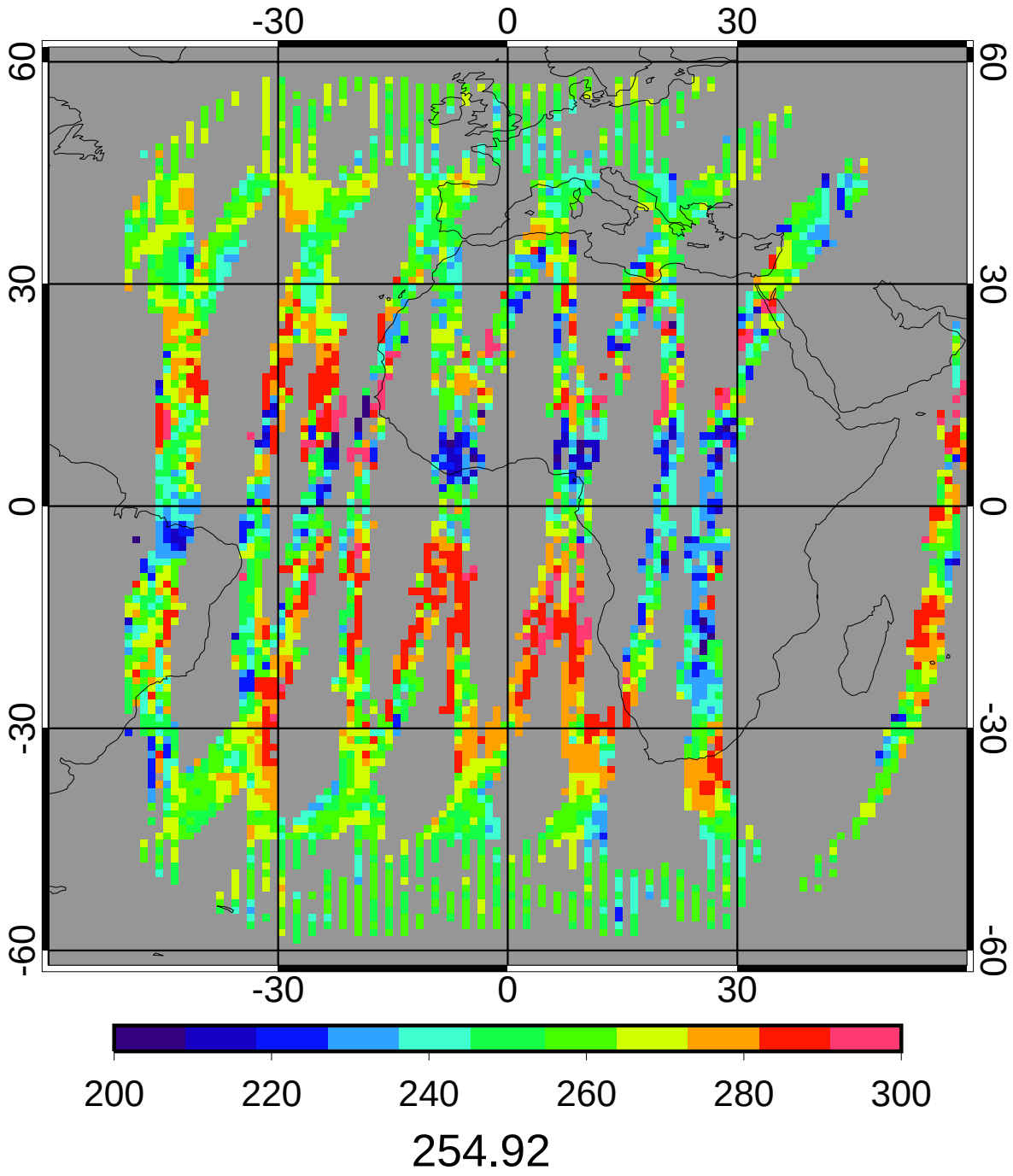
GGEO MEAN Nighttime Cloud Temperature (K)

5ch Apr 2010 (matched angle) (lapse rate)



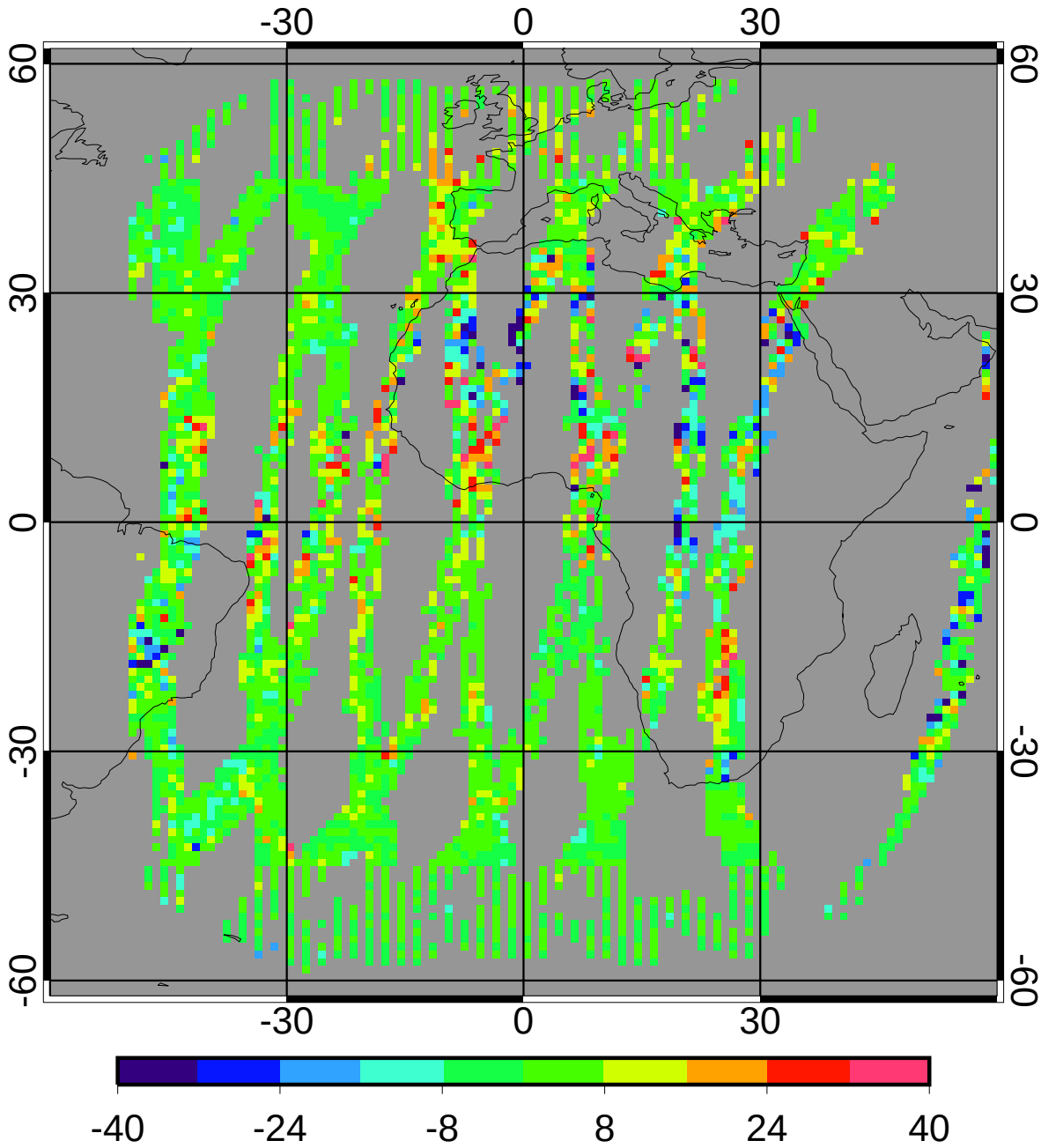
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

5ch Apr 2010 (matched angle) (lapse rate)



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

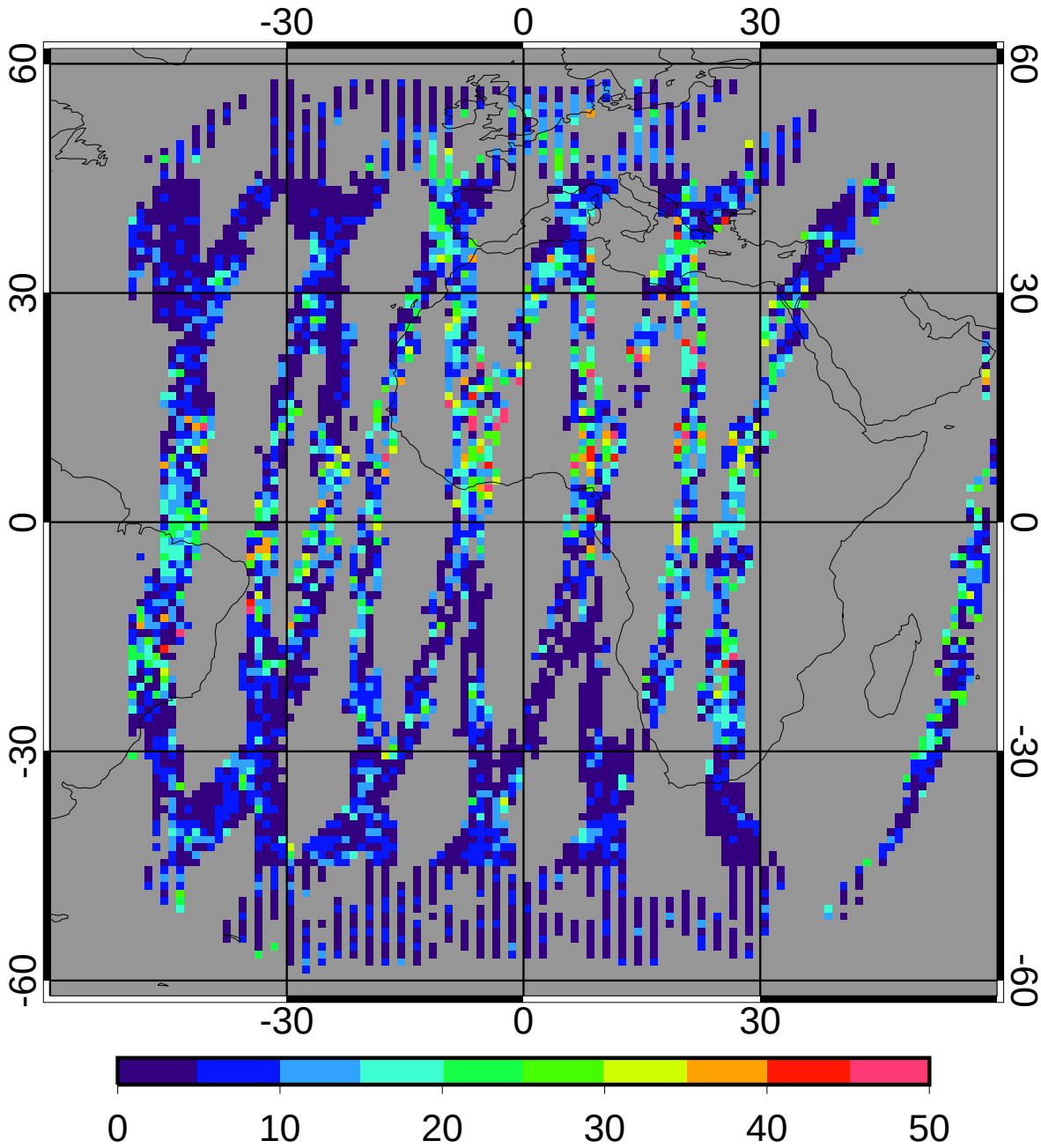
5ch Apr 2010 (matched angle) (lapse rate)



bias	1.71	0.67%
domain sigma	9.77	3.83%

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

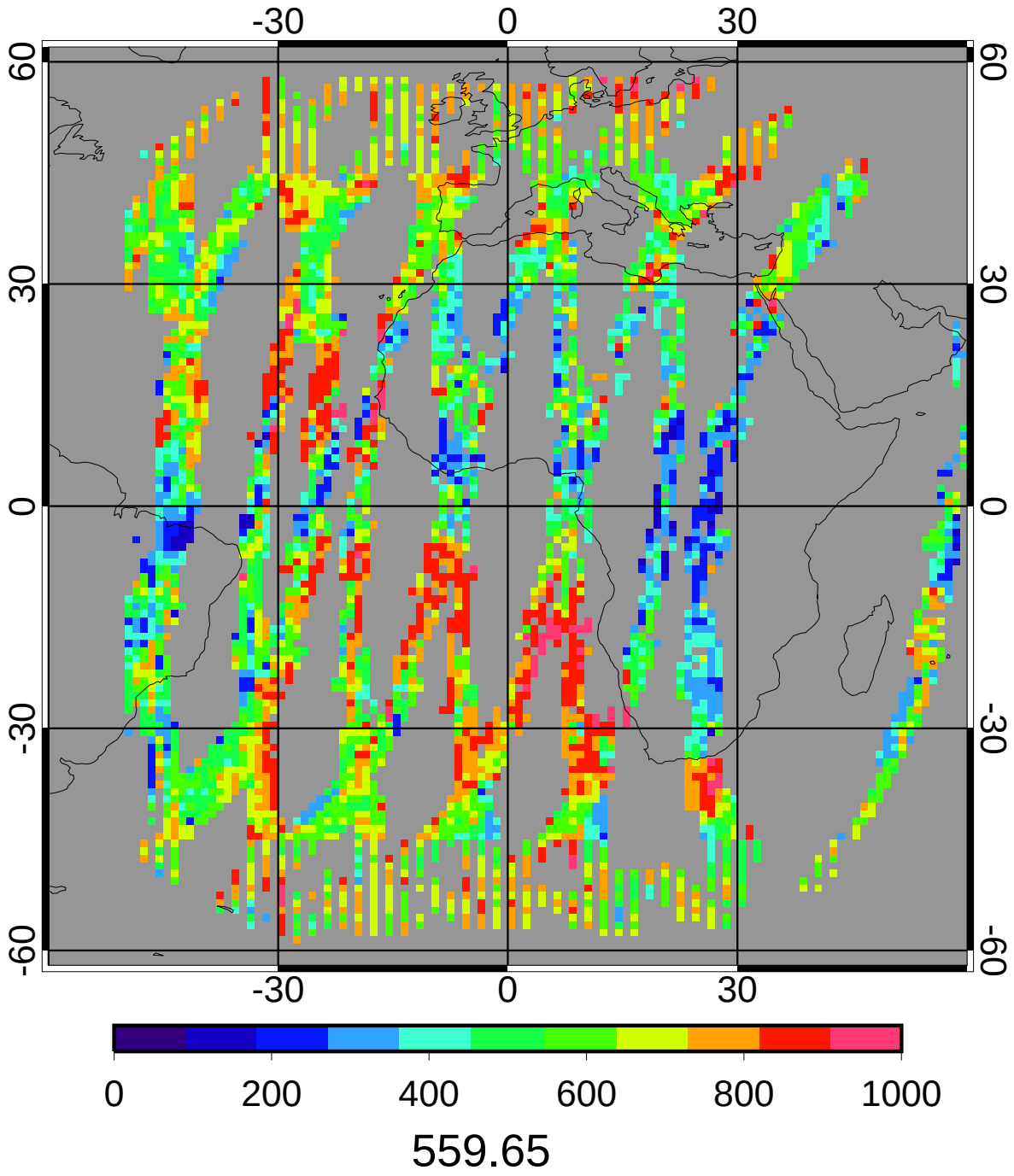
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	8.35	3.27%
domain rms	10.84	4.25%

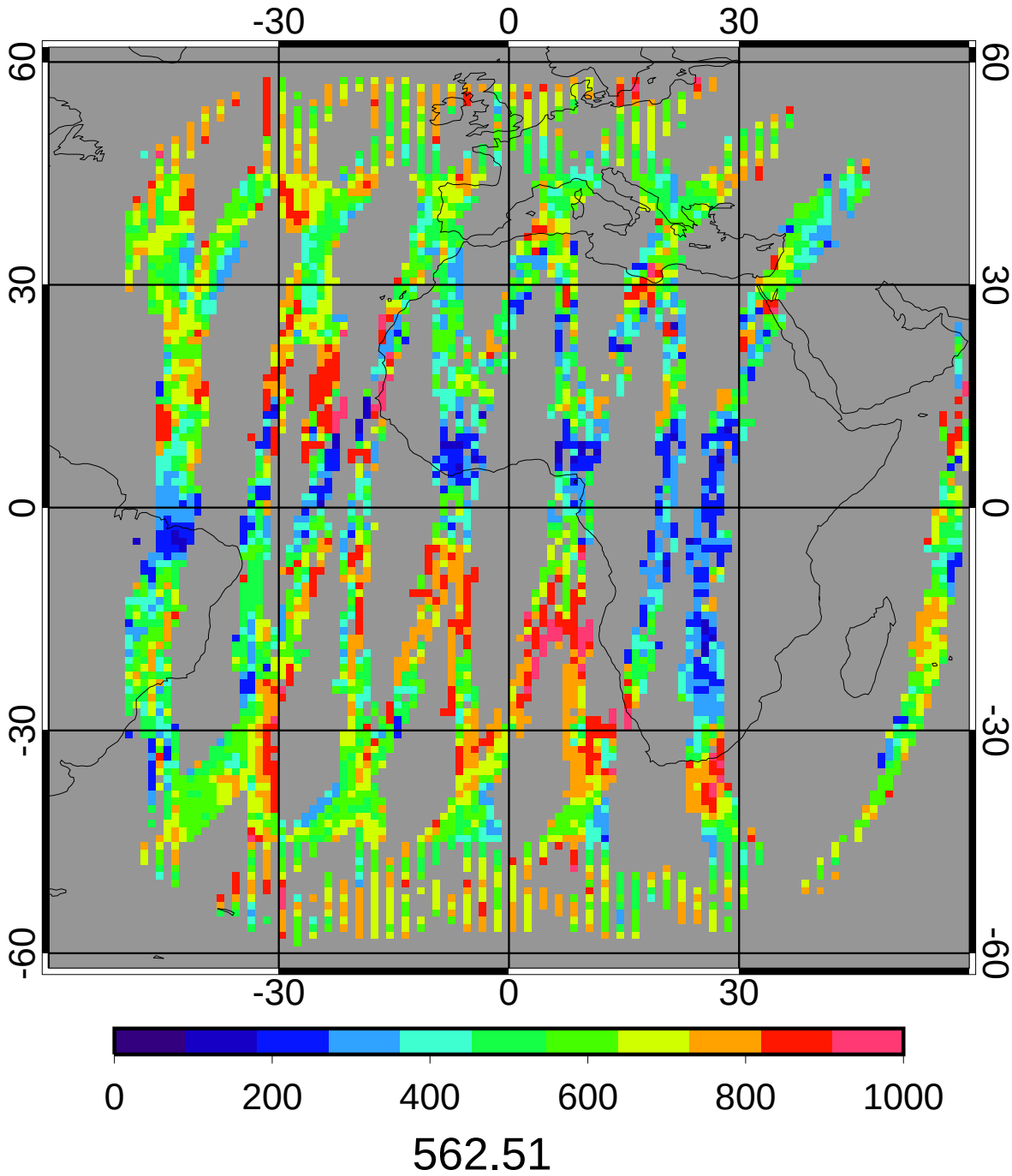
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



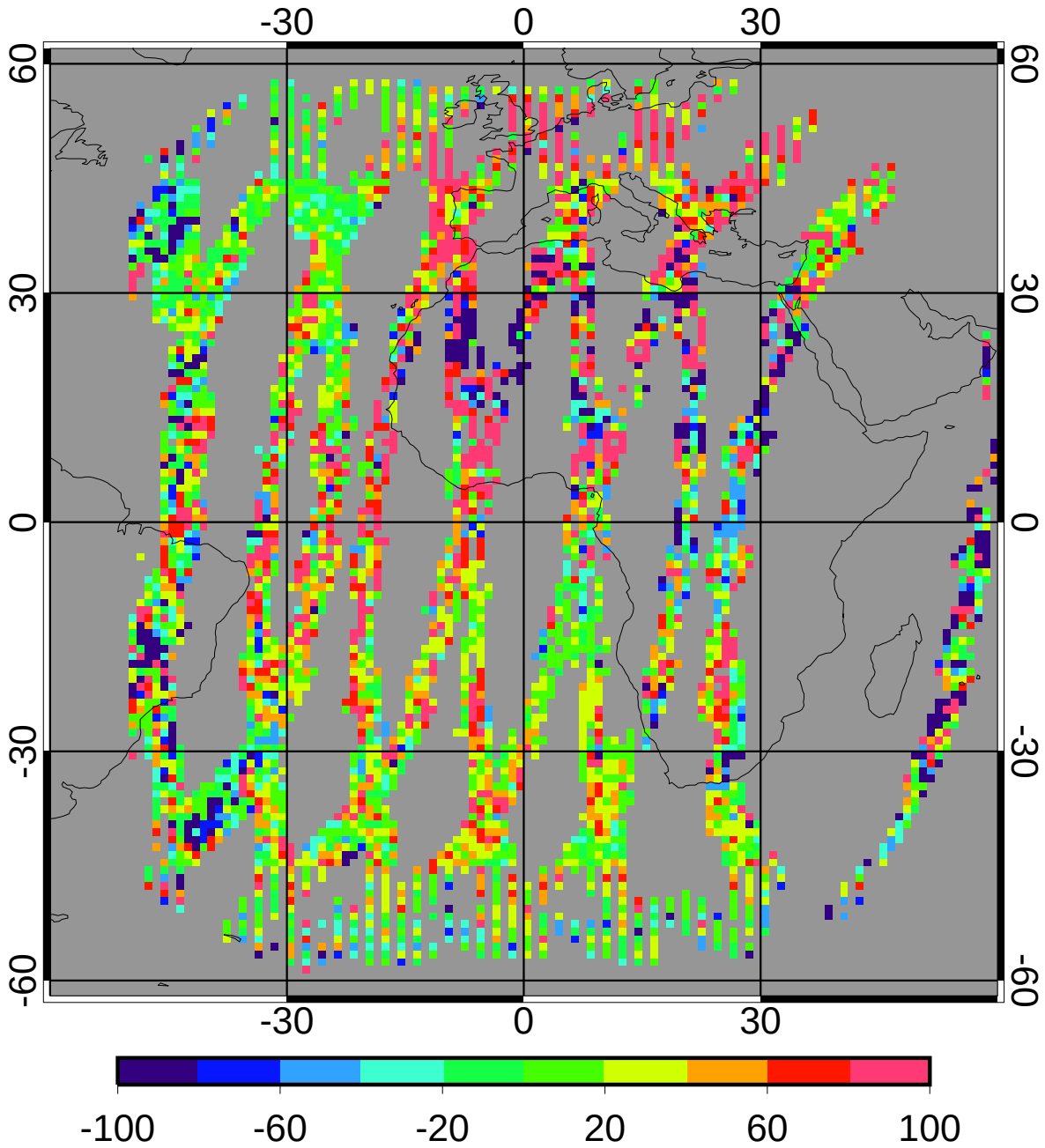
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



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

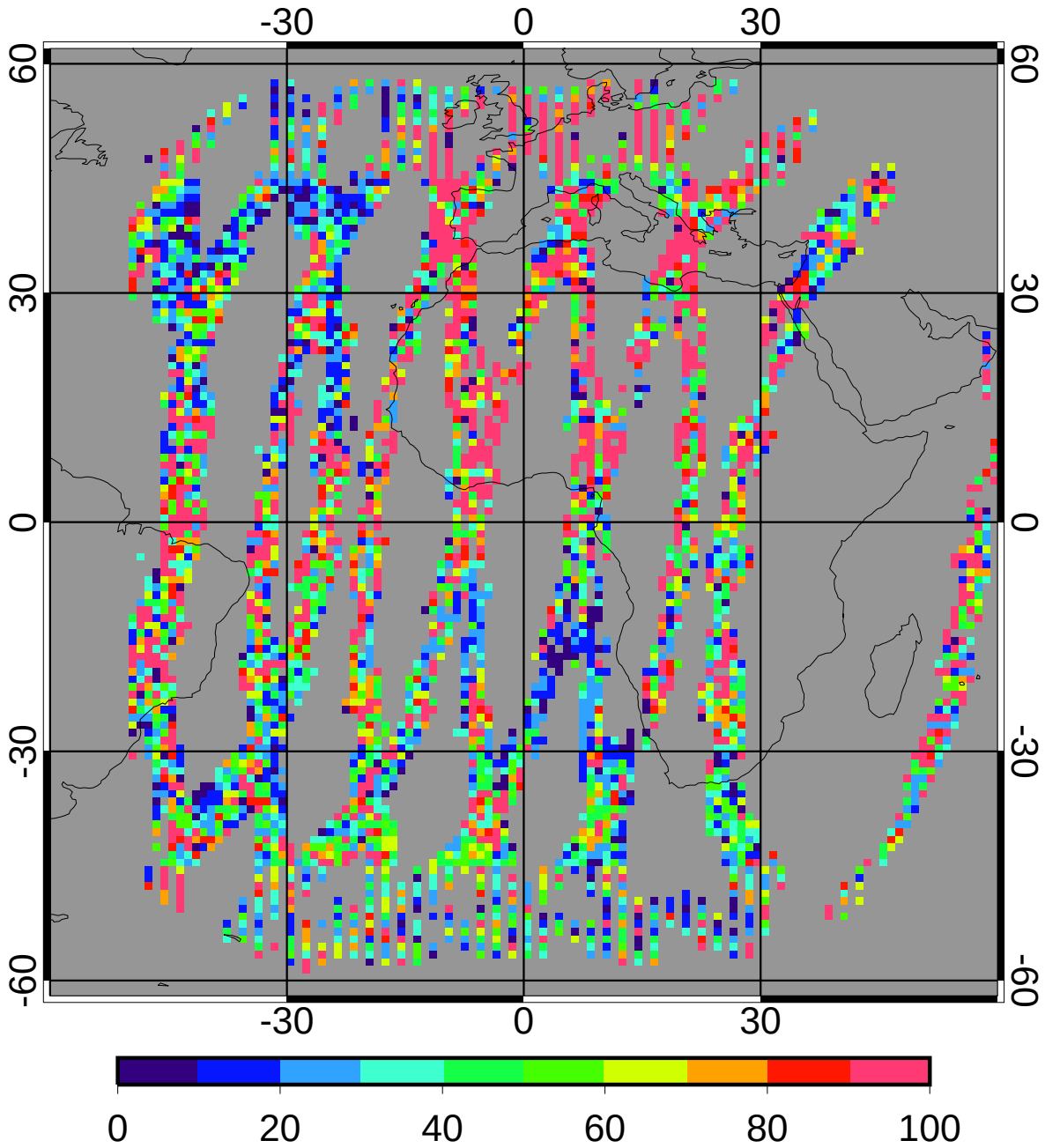
5ch Apr 2010 (matched angle) (lapse rate)



bias	17.00	3.02%
domain sigma	82.15	14.60%

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

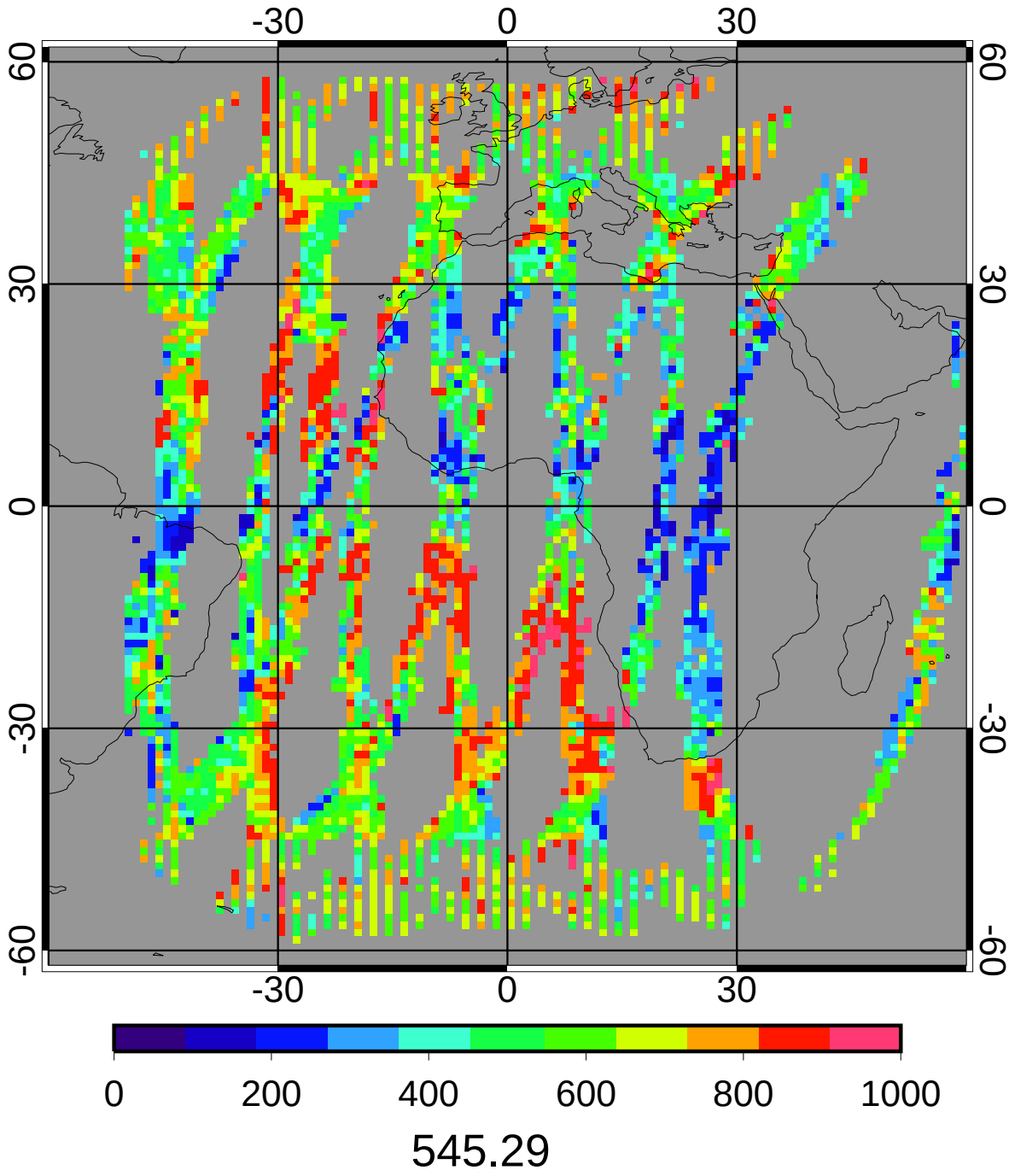
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	68.91	12.25%
domain rms	88.90	15.80%

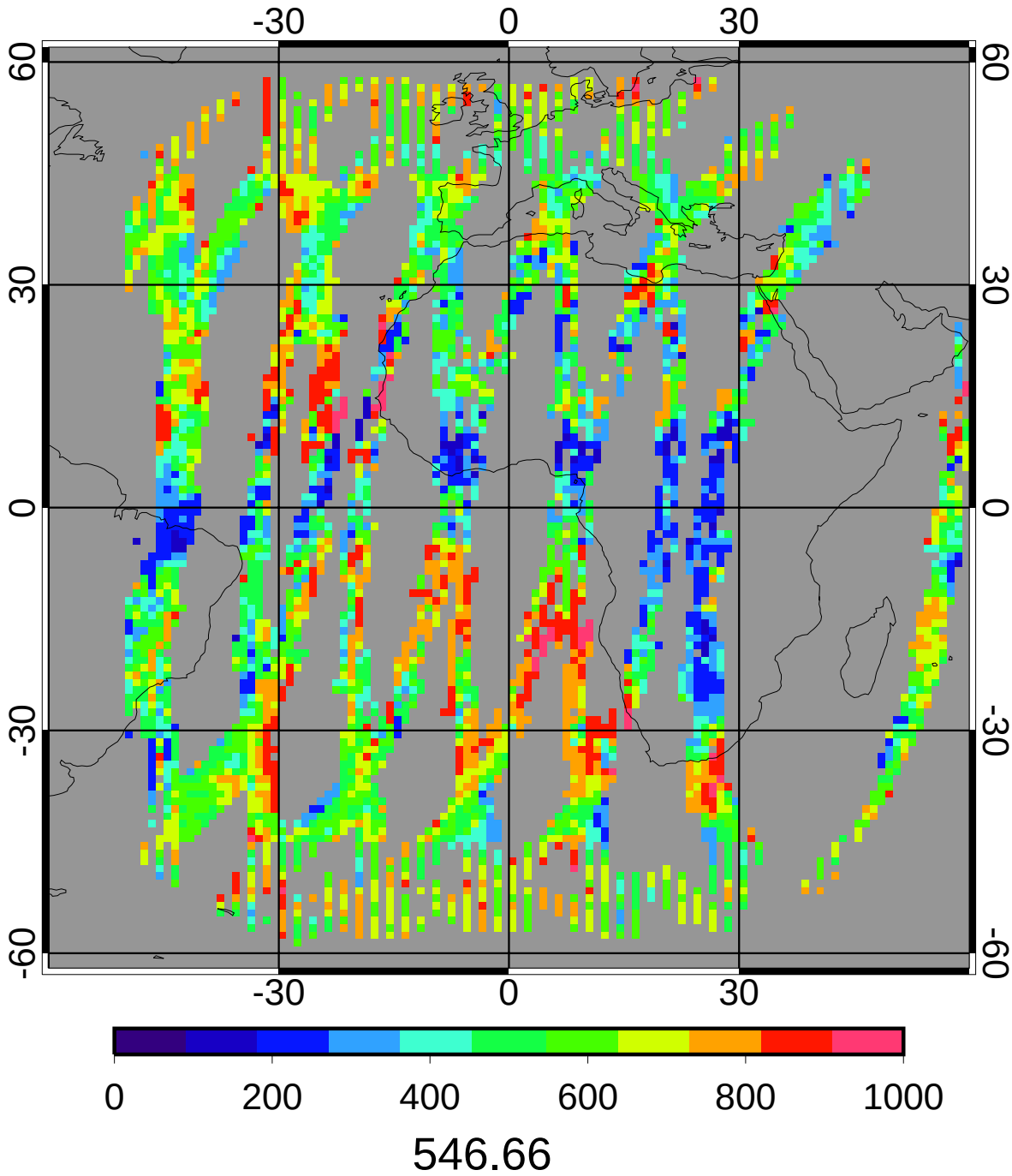
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



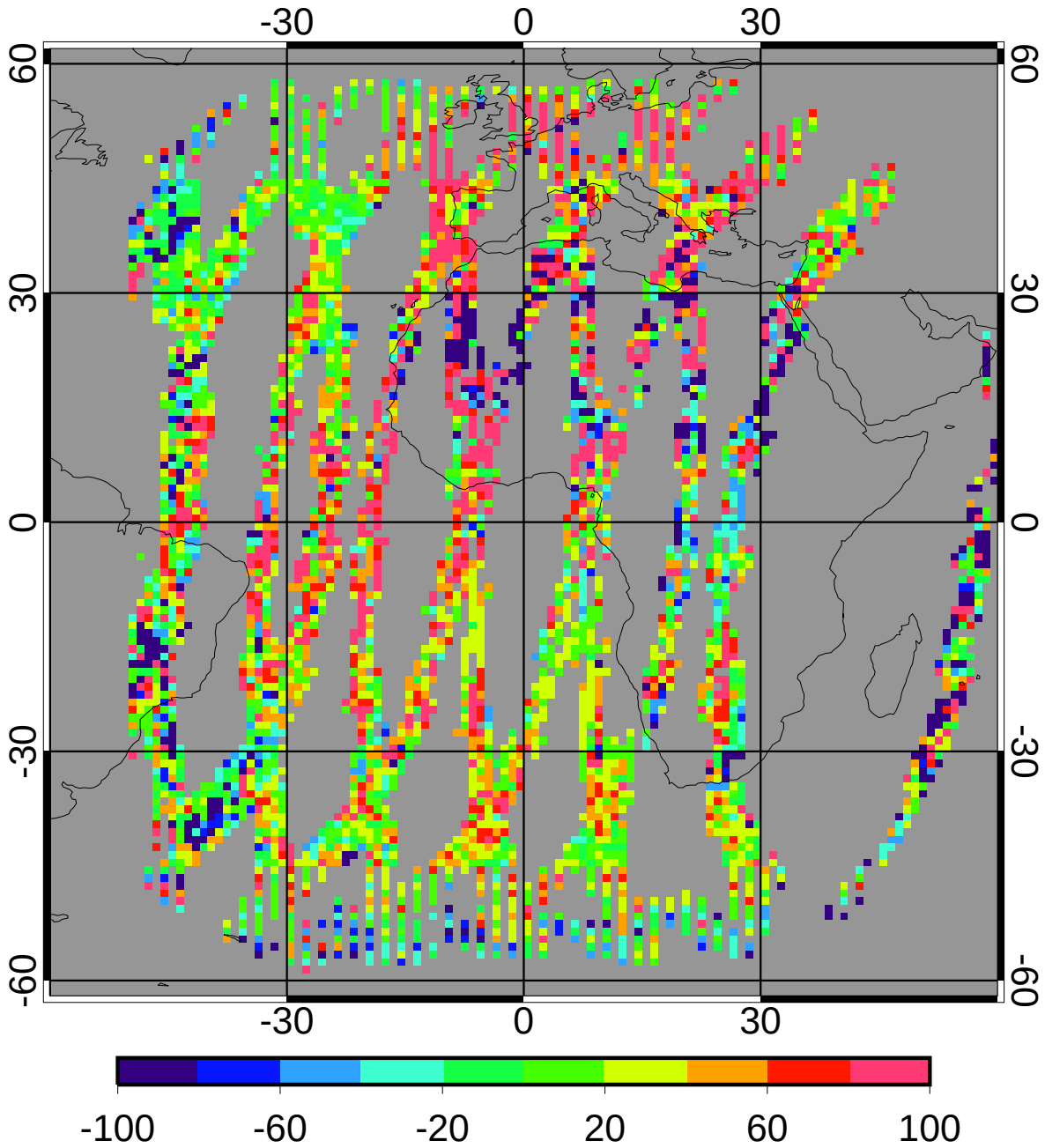
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



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

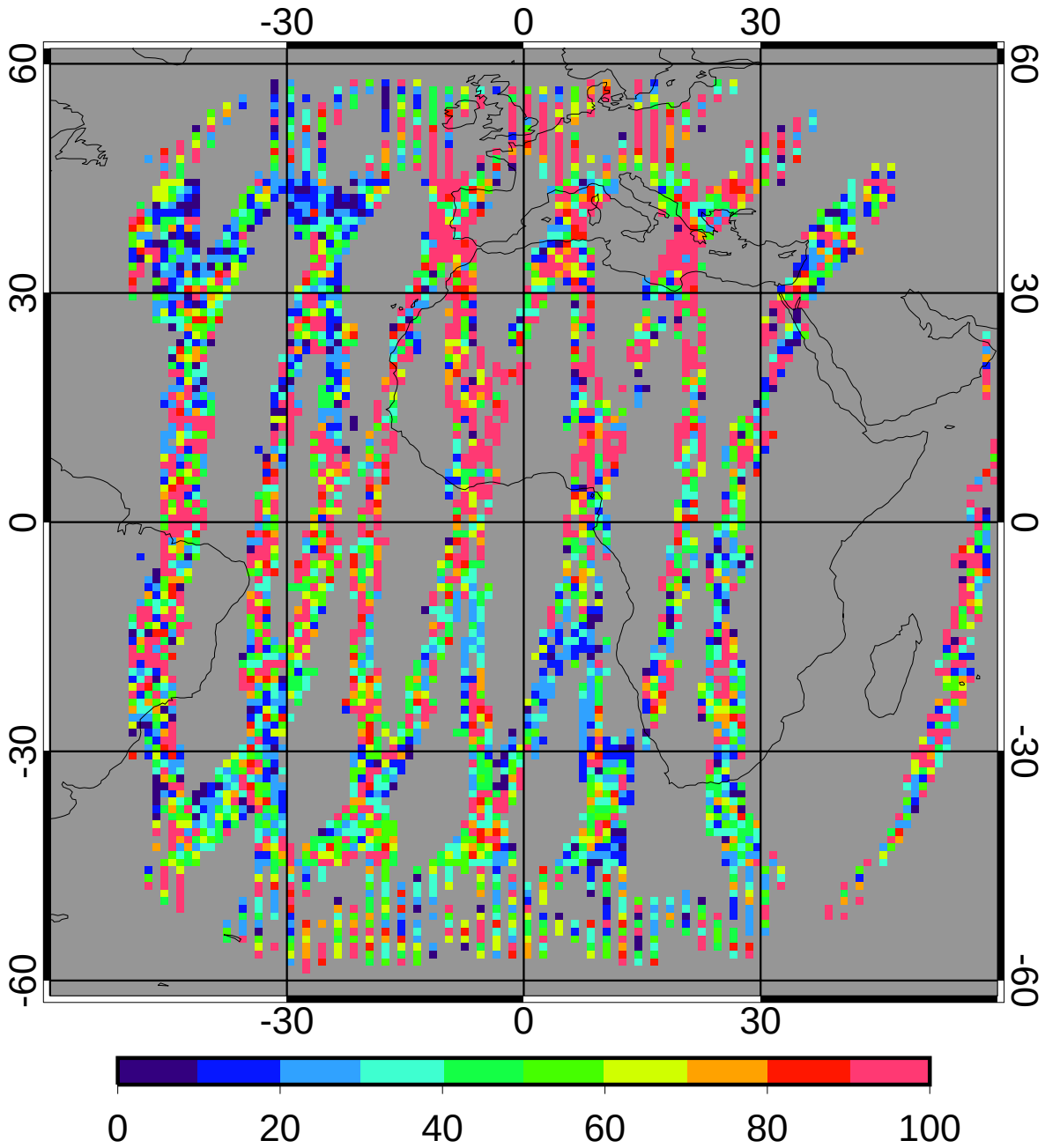
5ch Apr 2010 (matched angle) (lapse rate)



bias	18.29	3.35%
domain sigma	84.22	15.41%

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

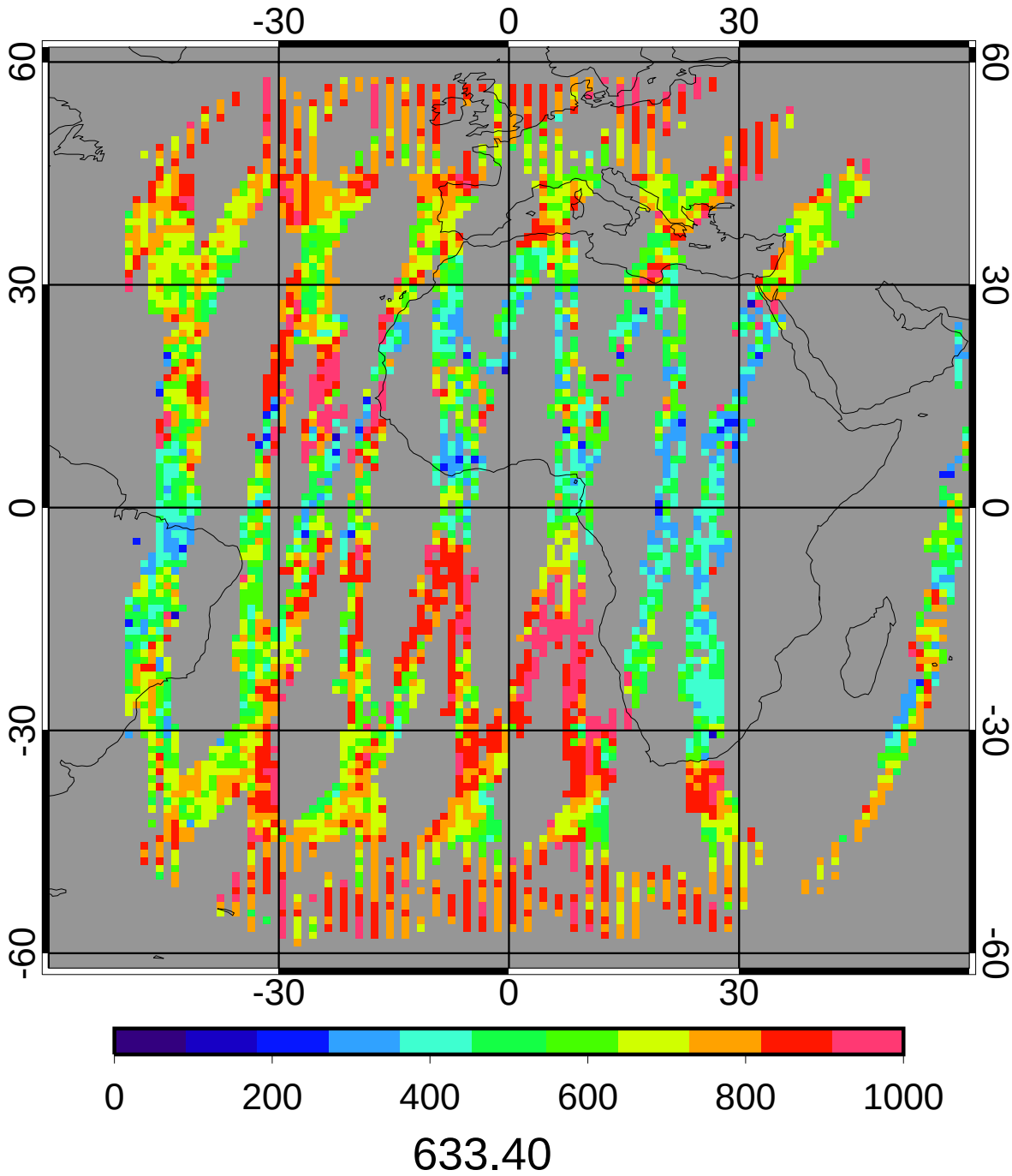
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	70.31	12.86%
domain rms	89.80	16.43%

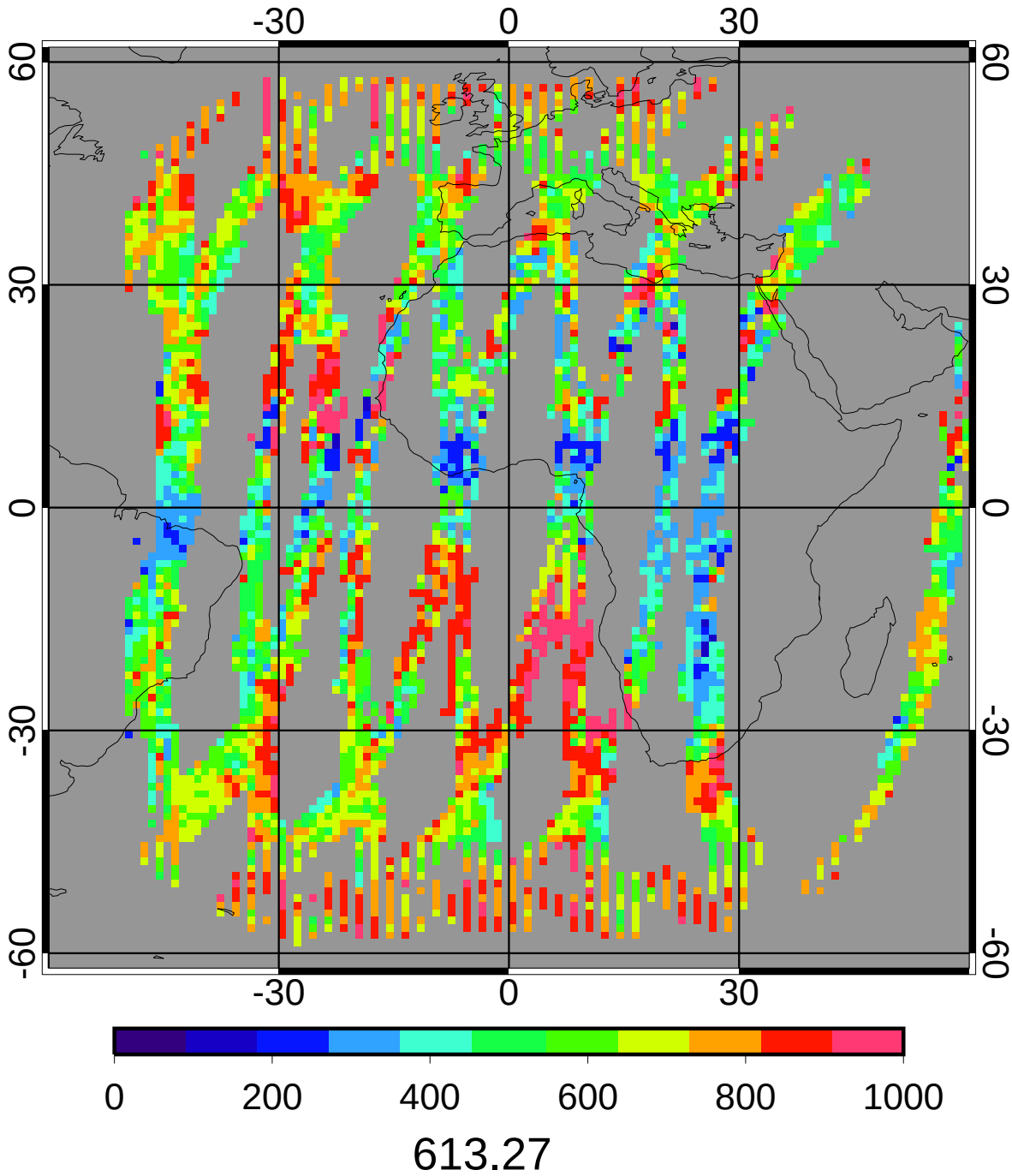
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



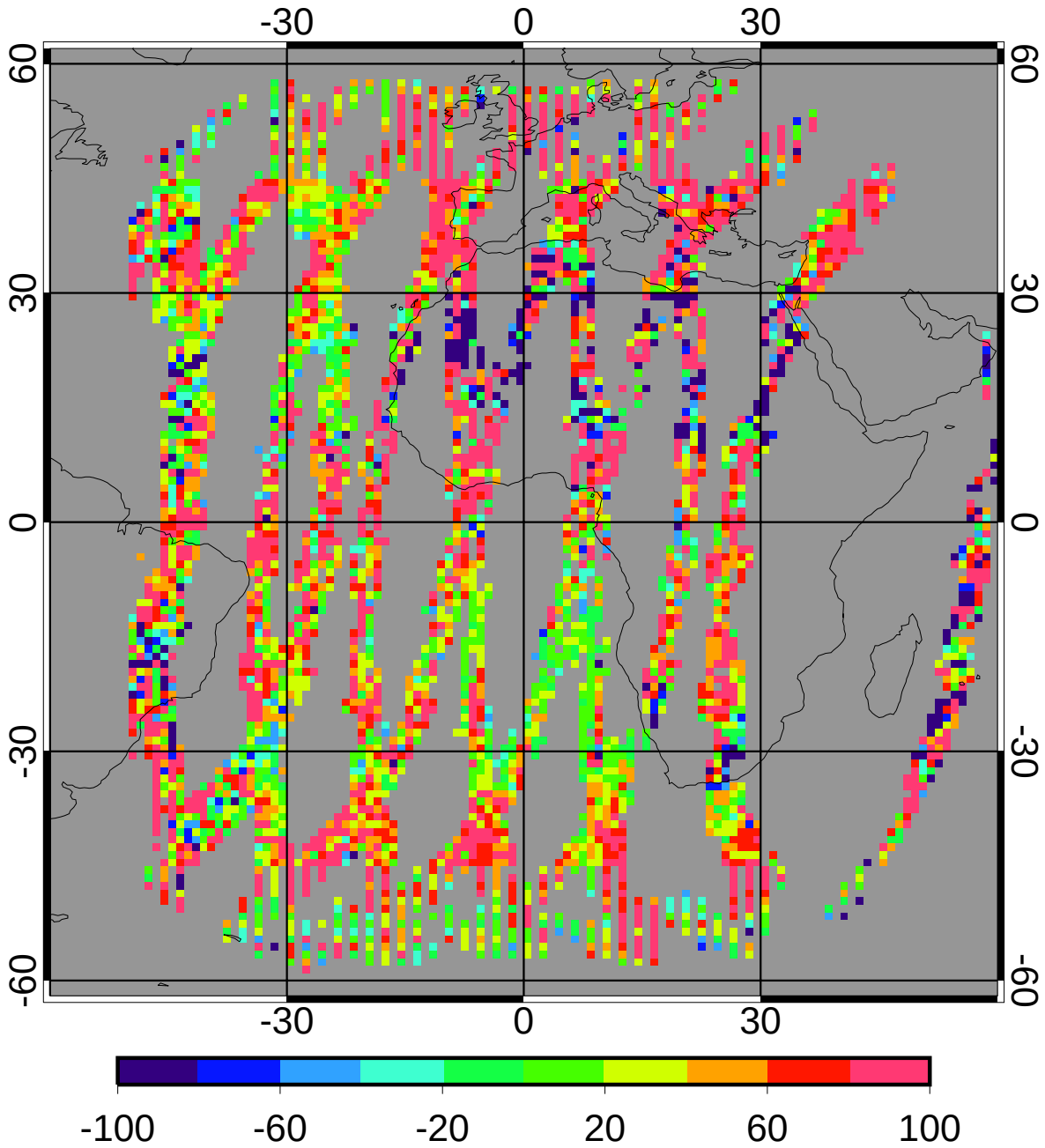
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch Apr 2010 (matched angle) (lapse rate)



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

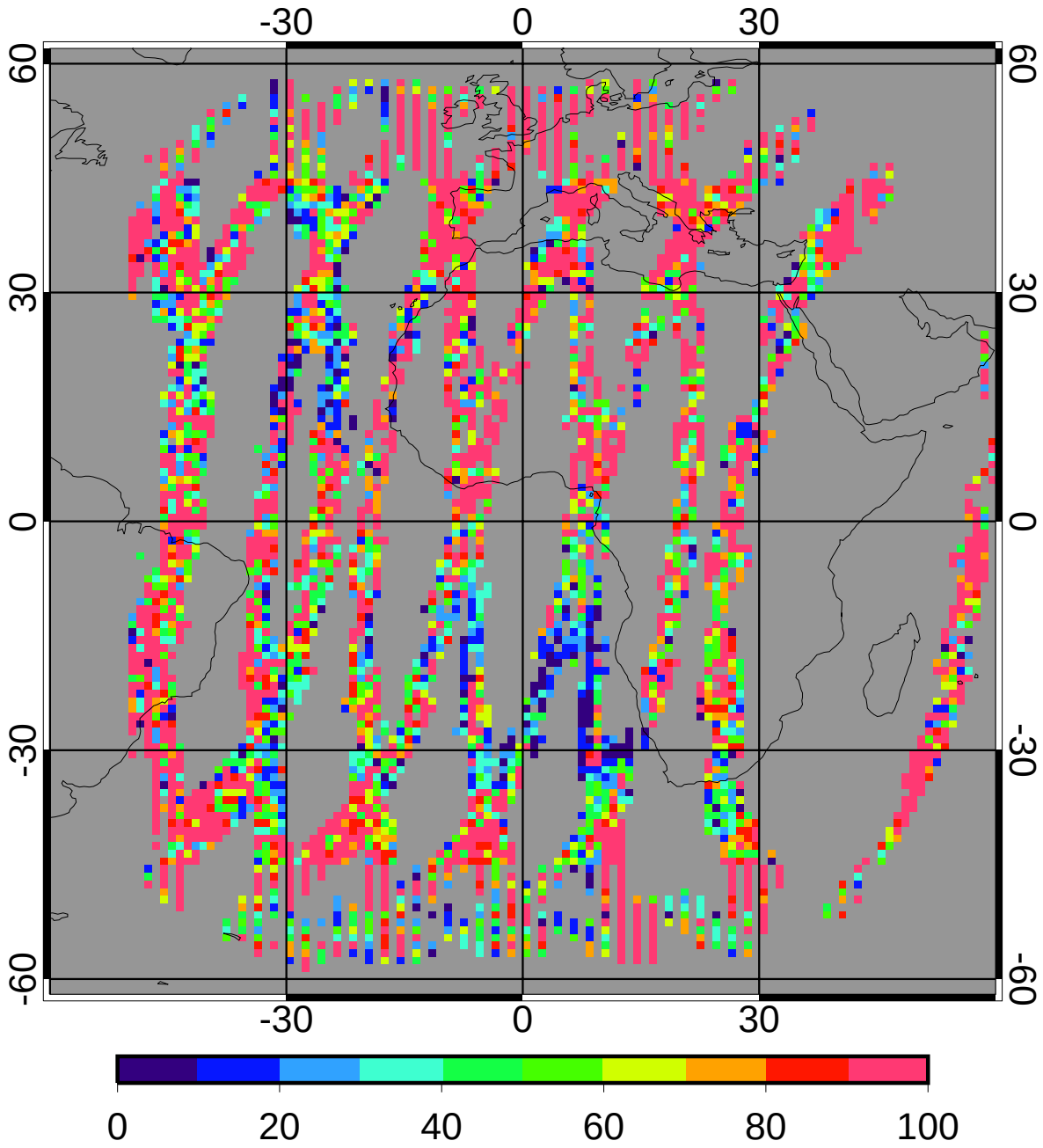
5ch Apr 2010 (matched angle) (lapse rate)



bias	40.84	6.66%
domain sigma	86.56	14.11%

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

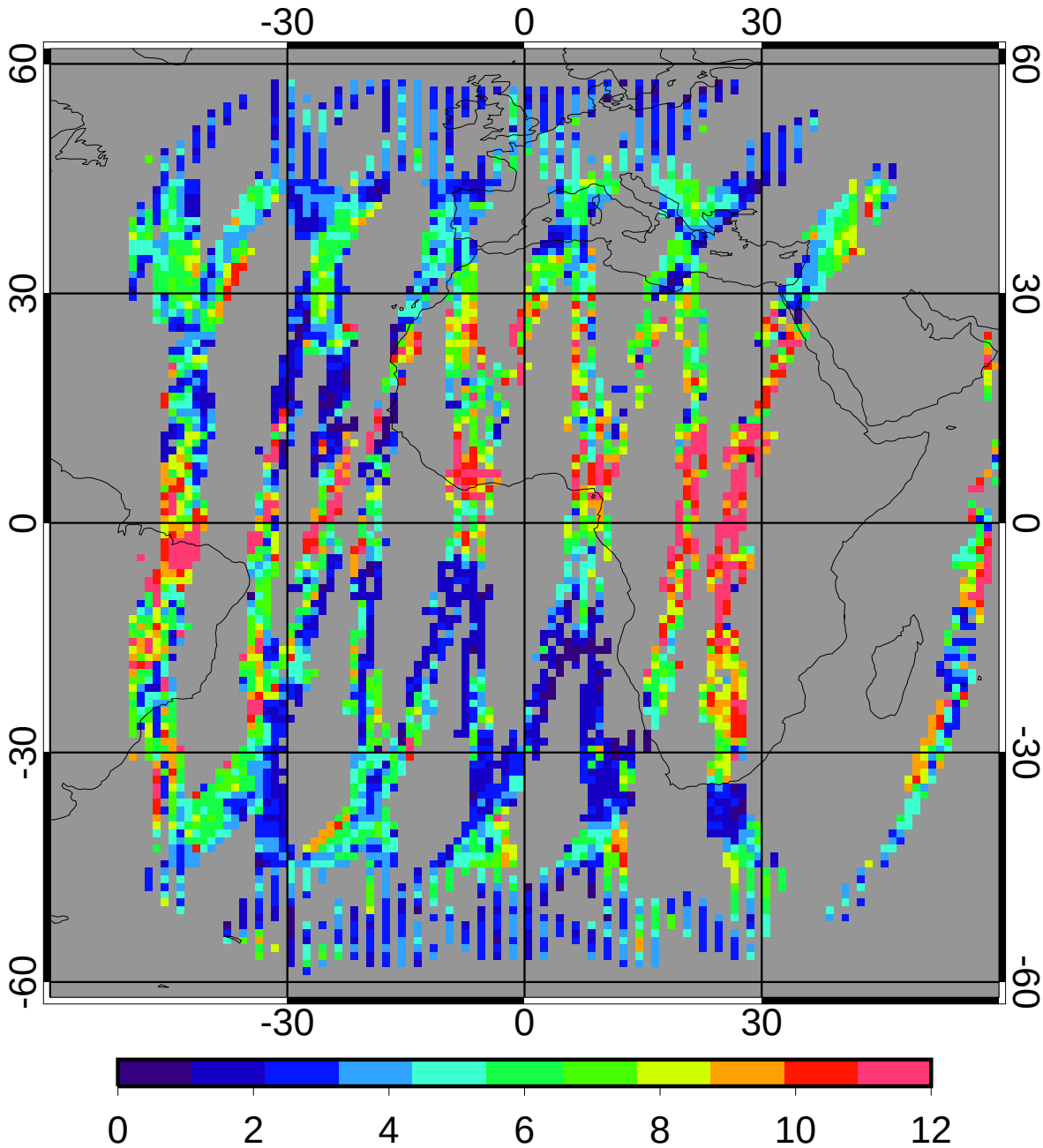
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	87.87	14.33%
domain rms	106.28	17.33%

GGEO MEAN Nighttime Cloud Eff Height (km)

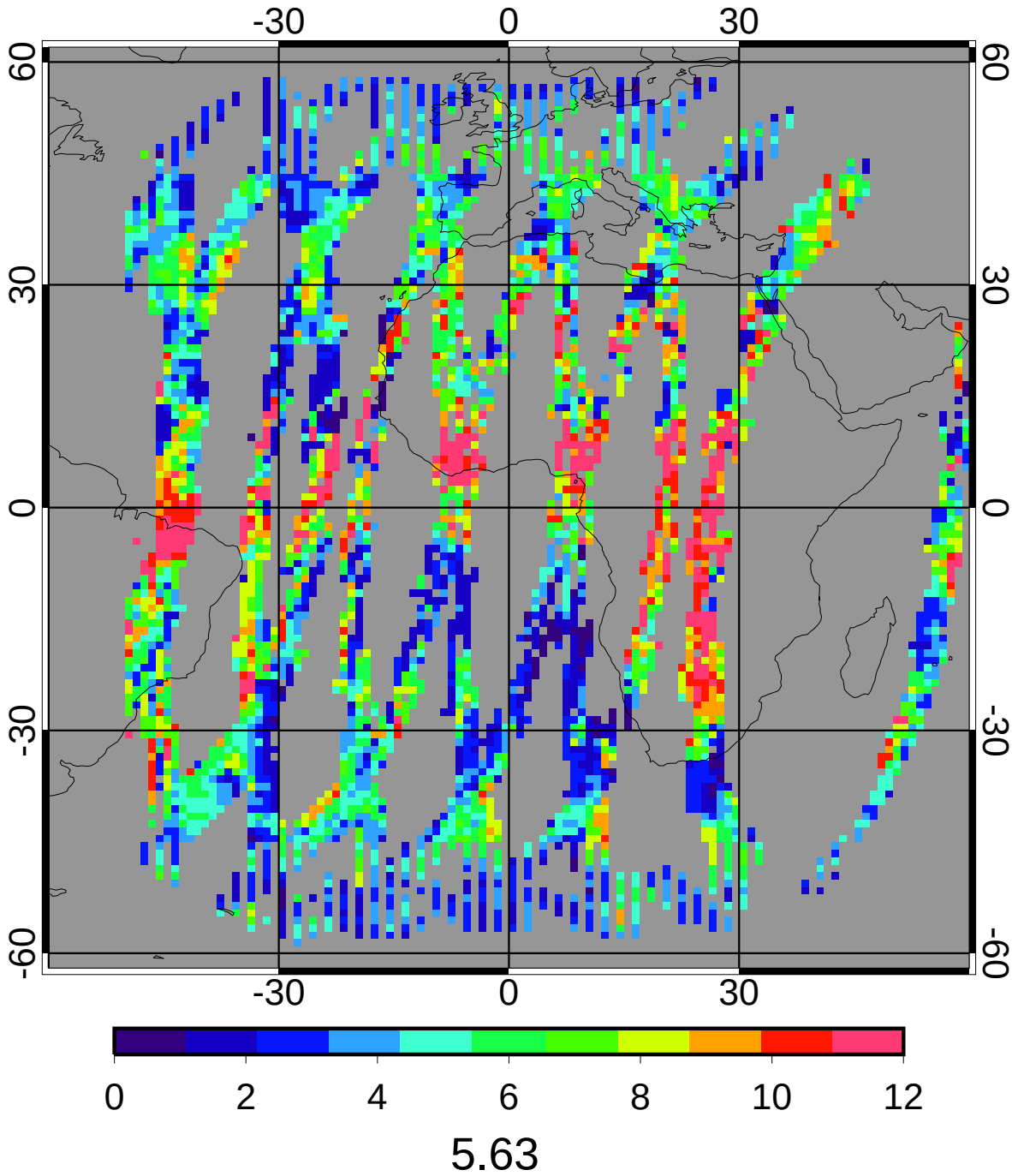
5ch Apr 2010 (matched angle) (lapse rate)



5.24

CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

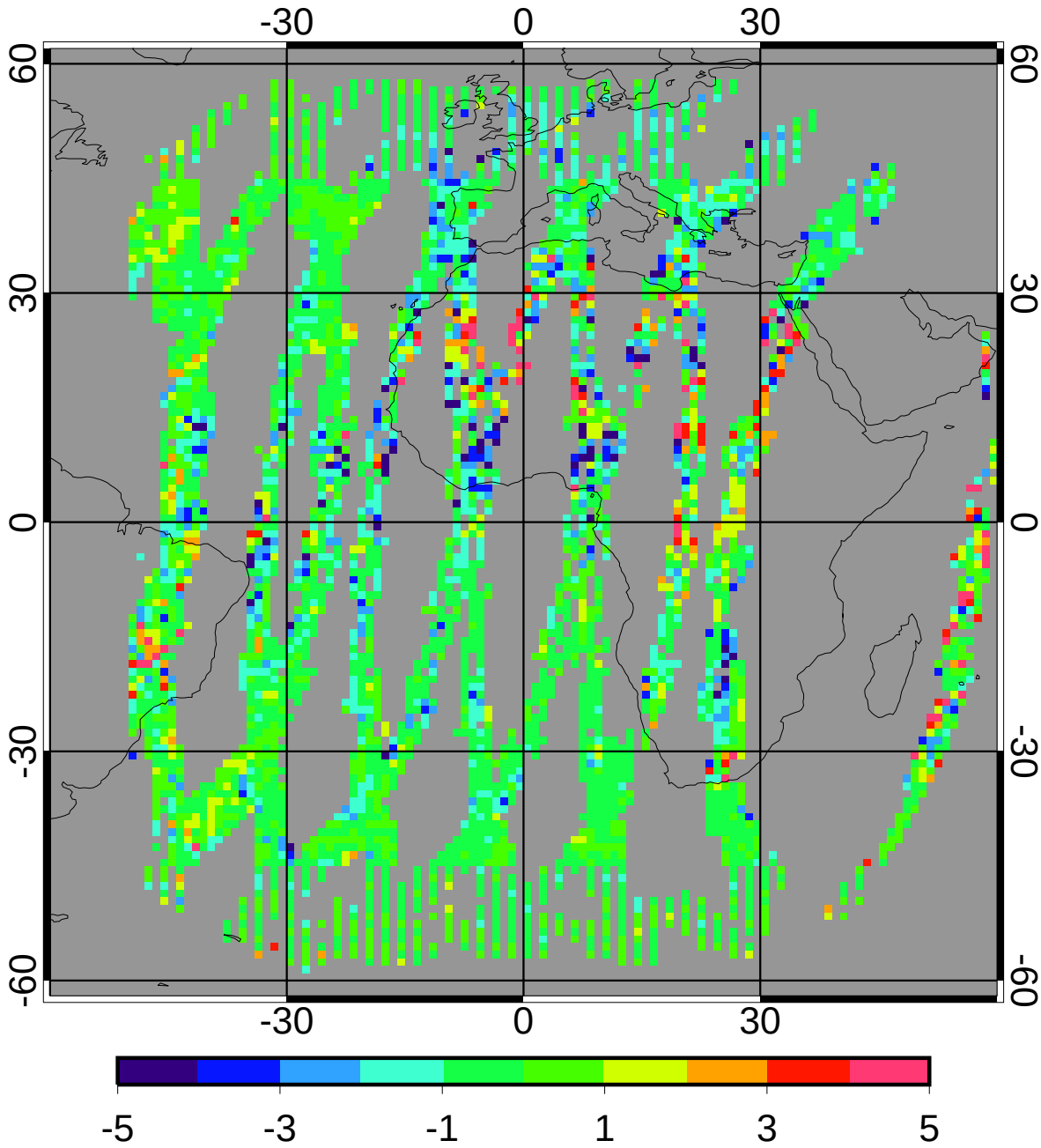
5ch Apr 2010 (matched angle) (lapse rate)



5.63

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

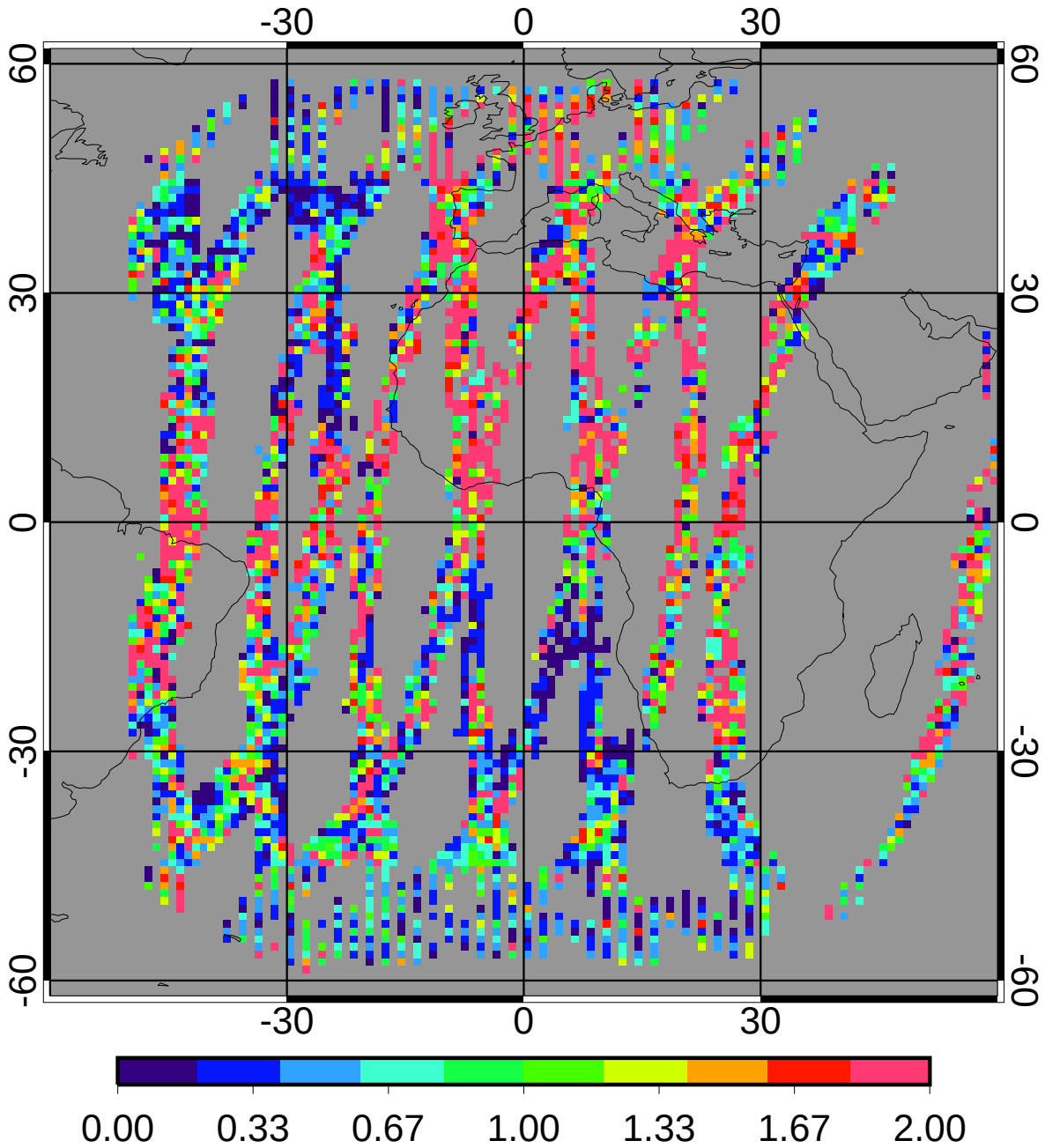
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.31	-5.49%
domain sigma	1.46	25.91%

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

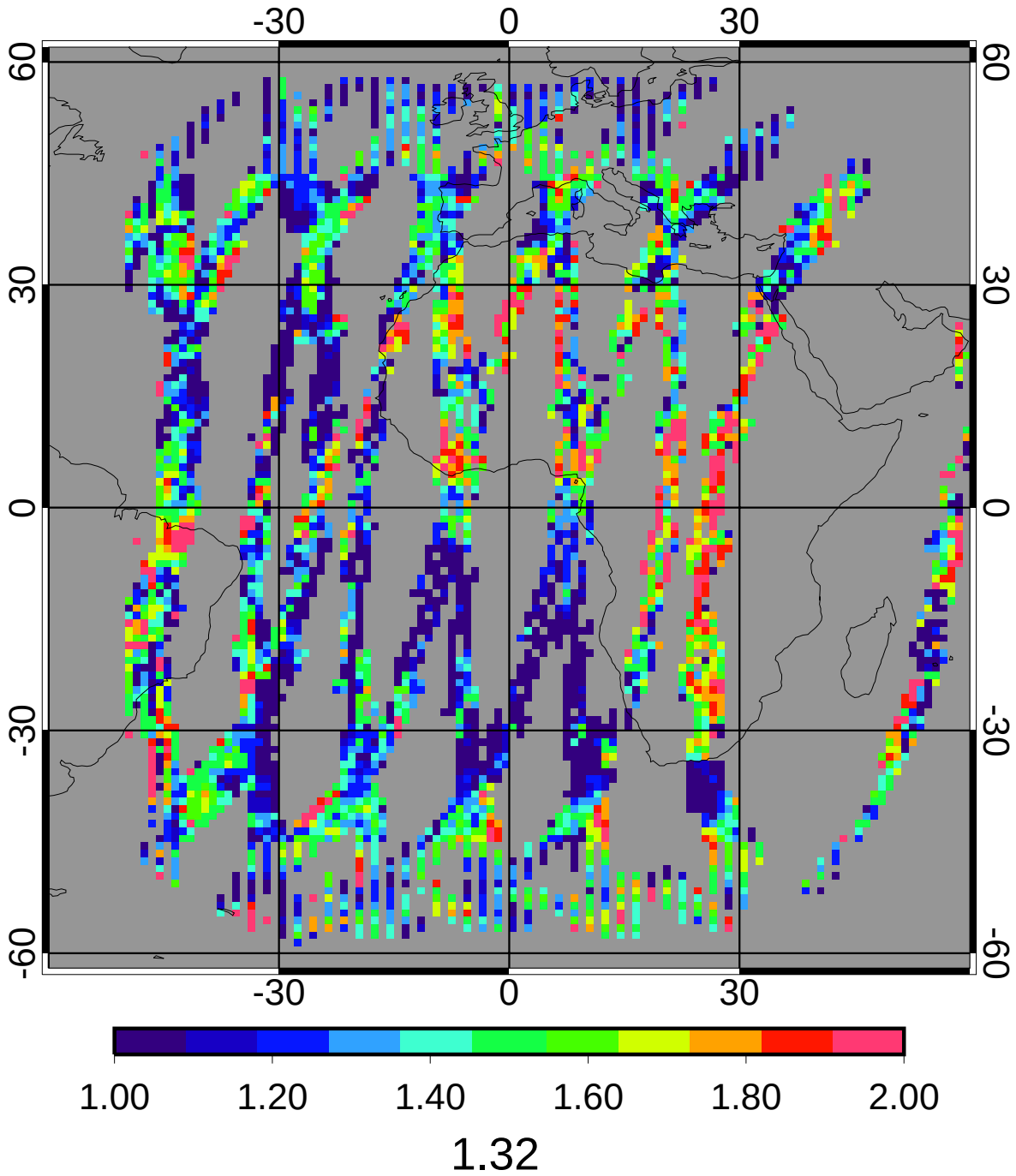
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	1.26	22.40%
domain rms	1.62	28.86%

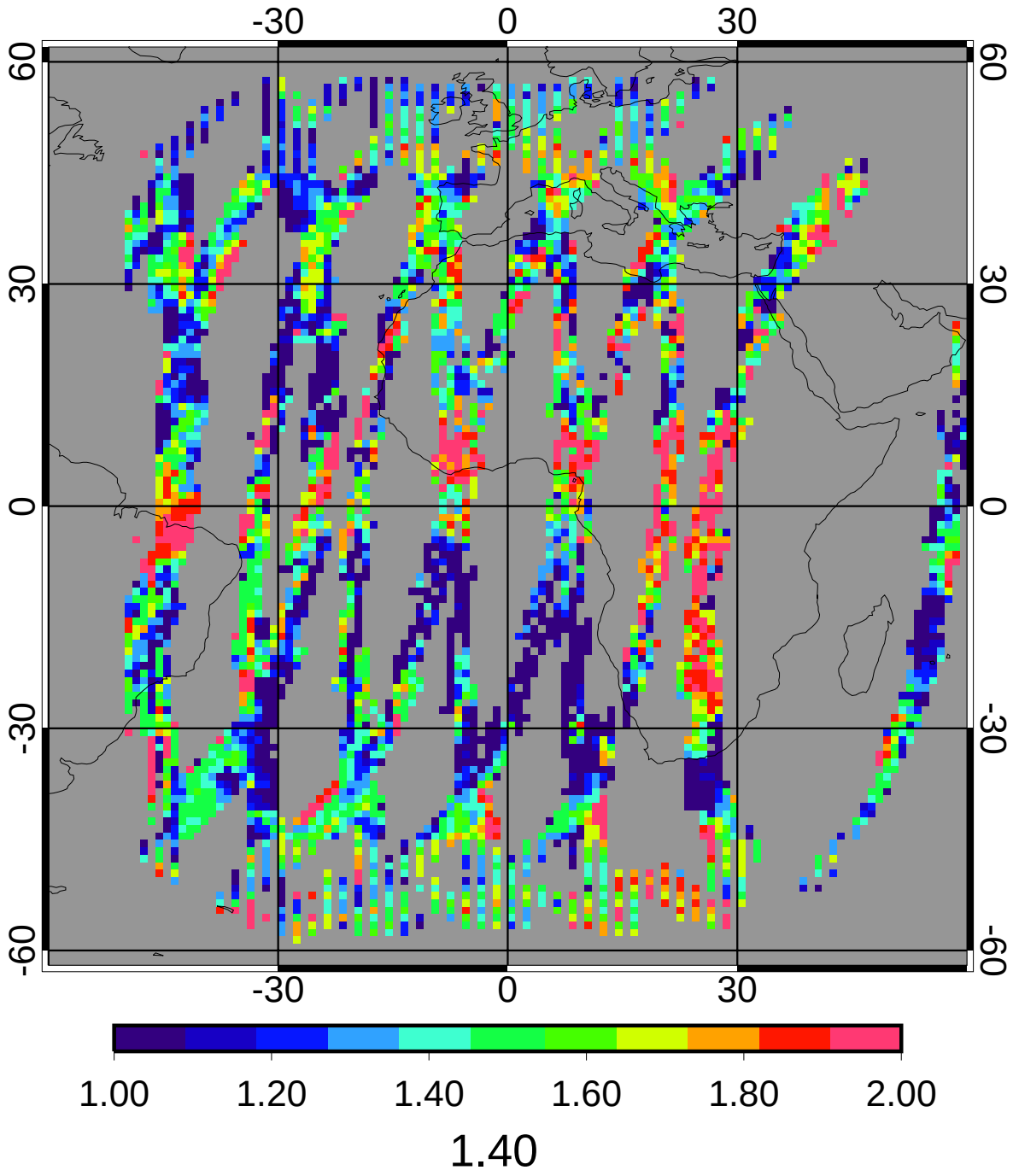
GGEO MEAN Nighttime Cloud Phase

5ch Apr 2010 (matched angle) (lapse rate)



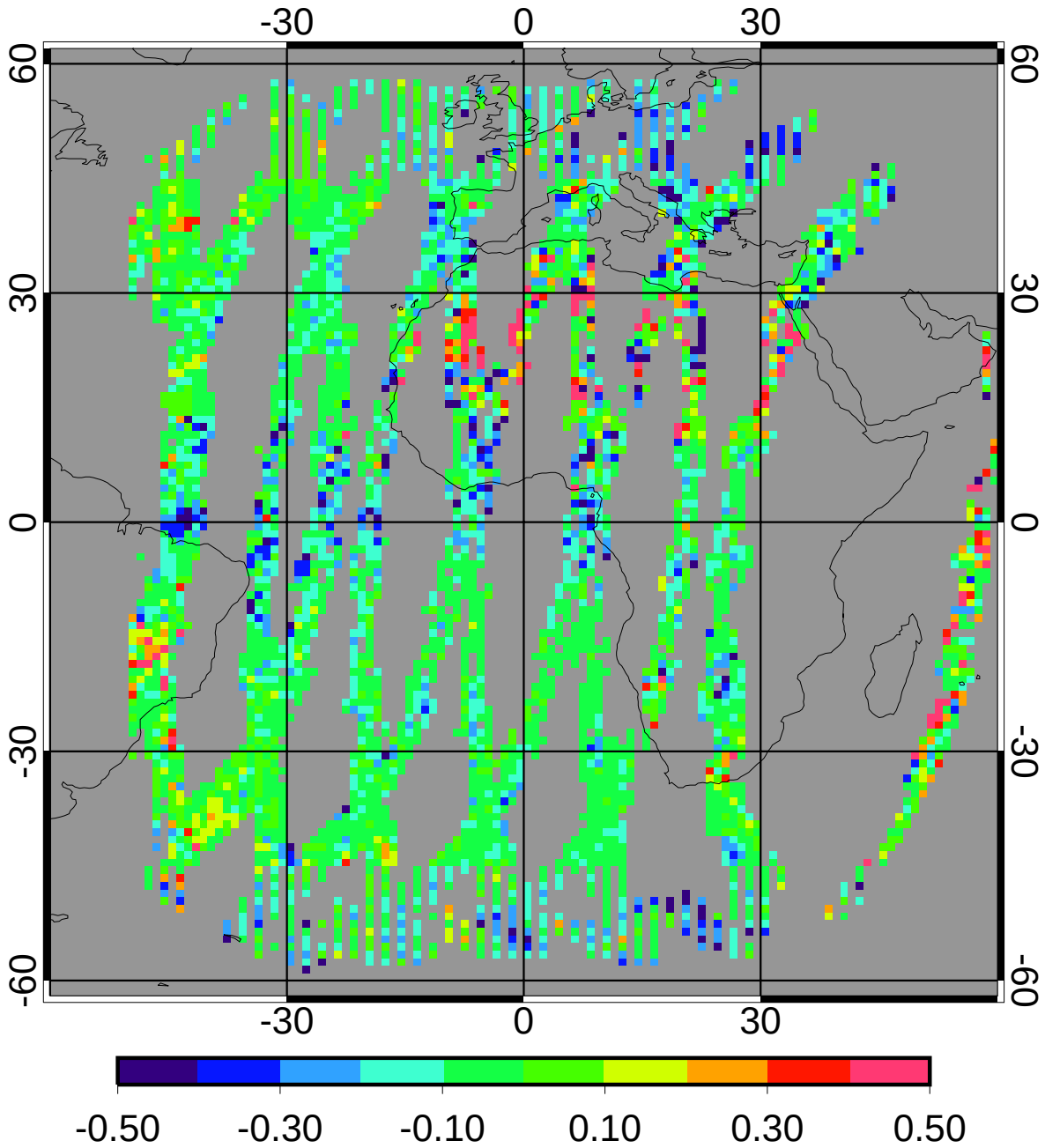
CERES/Aqua MEAN Nighttime Cloud Phase

5ch Apr 2010 (matched angle) (lapse rate)



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

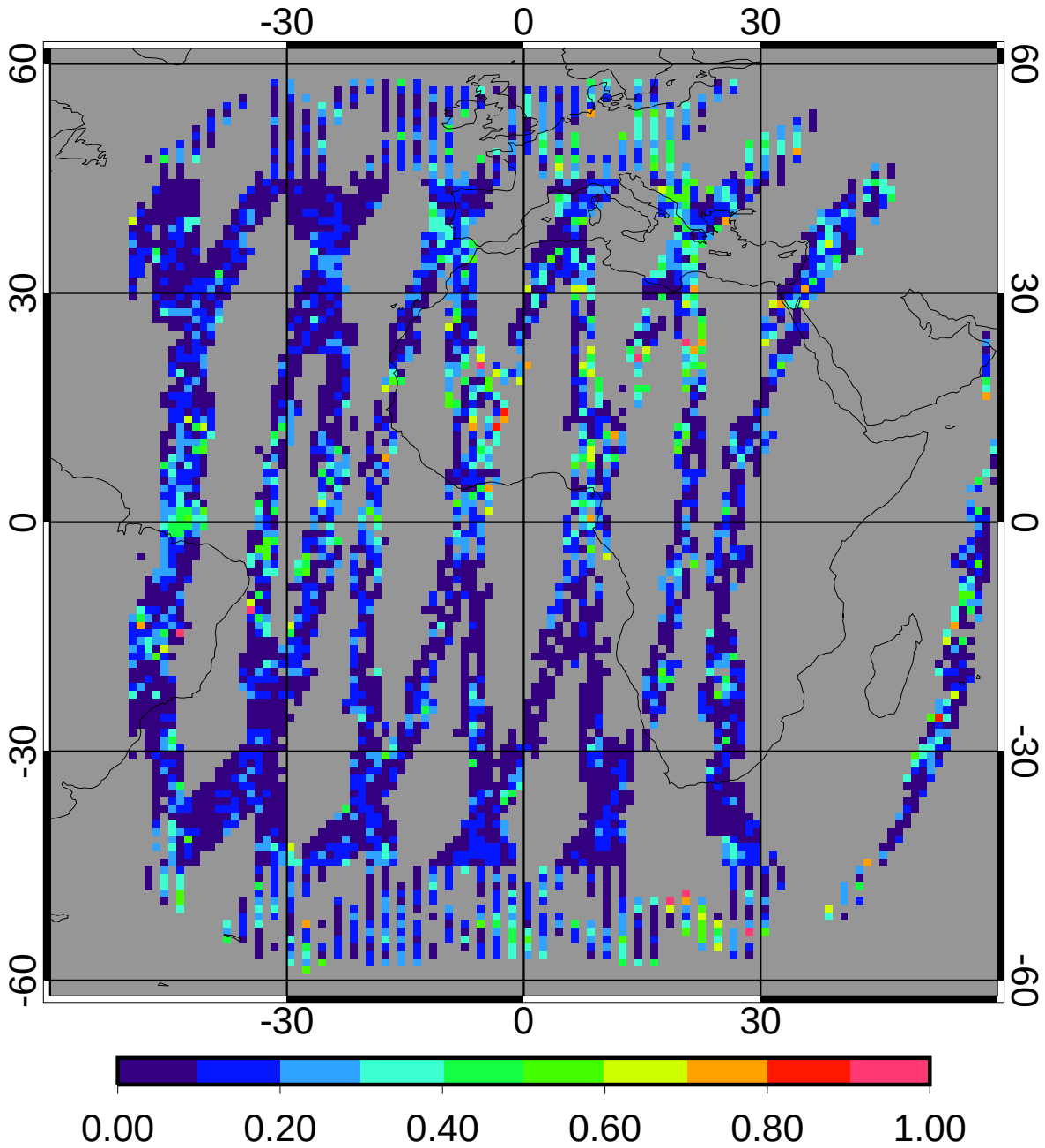
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.05	-3.64%
domain sigma	0.16	11.16%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

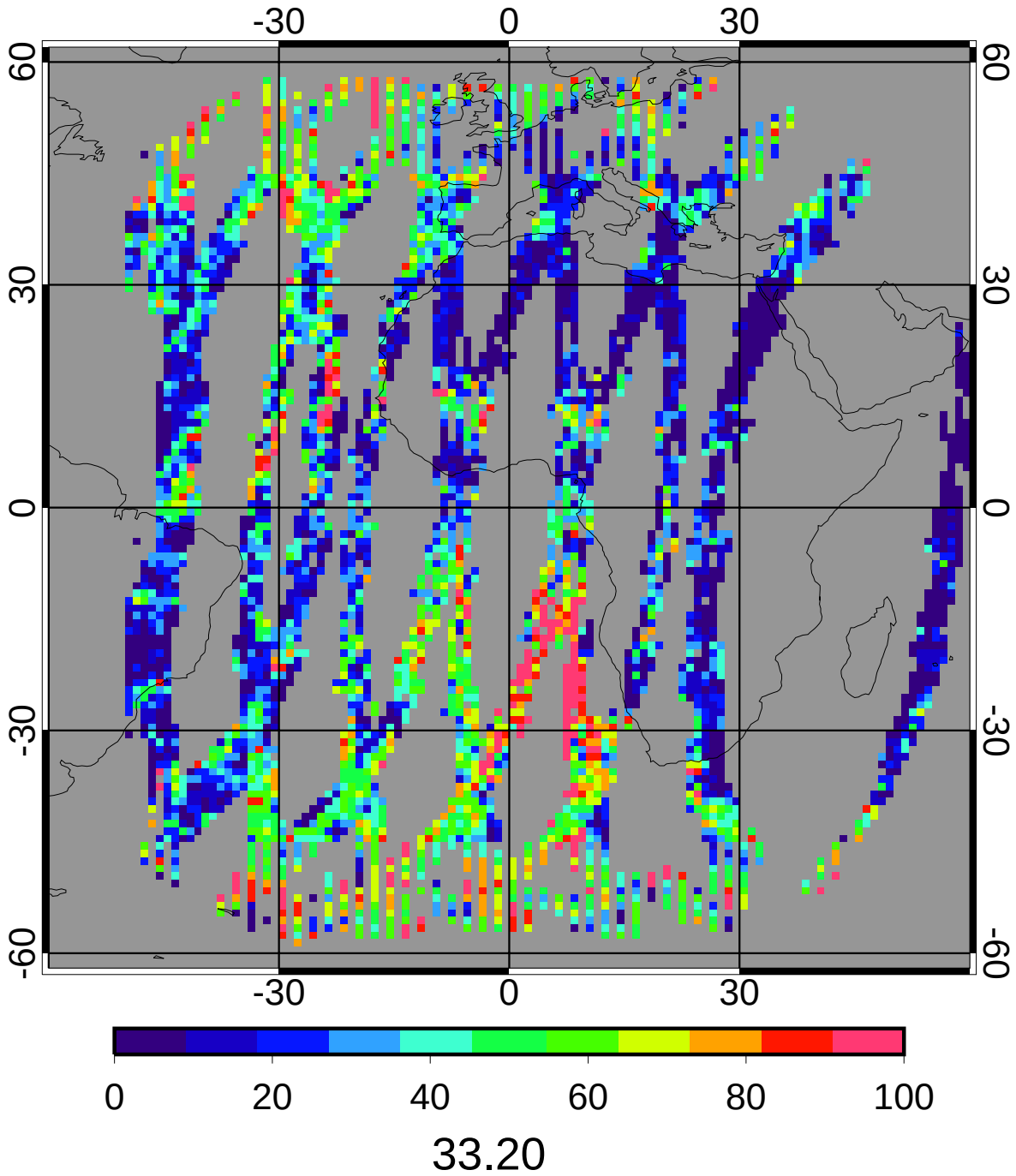
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.14	9.92%
domain rms	0.19	13.28%

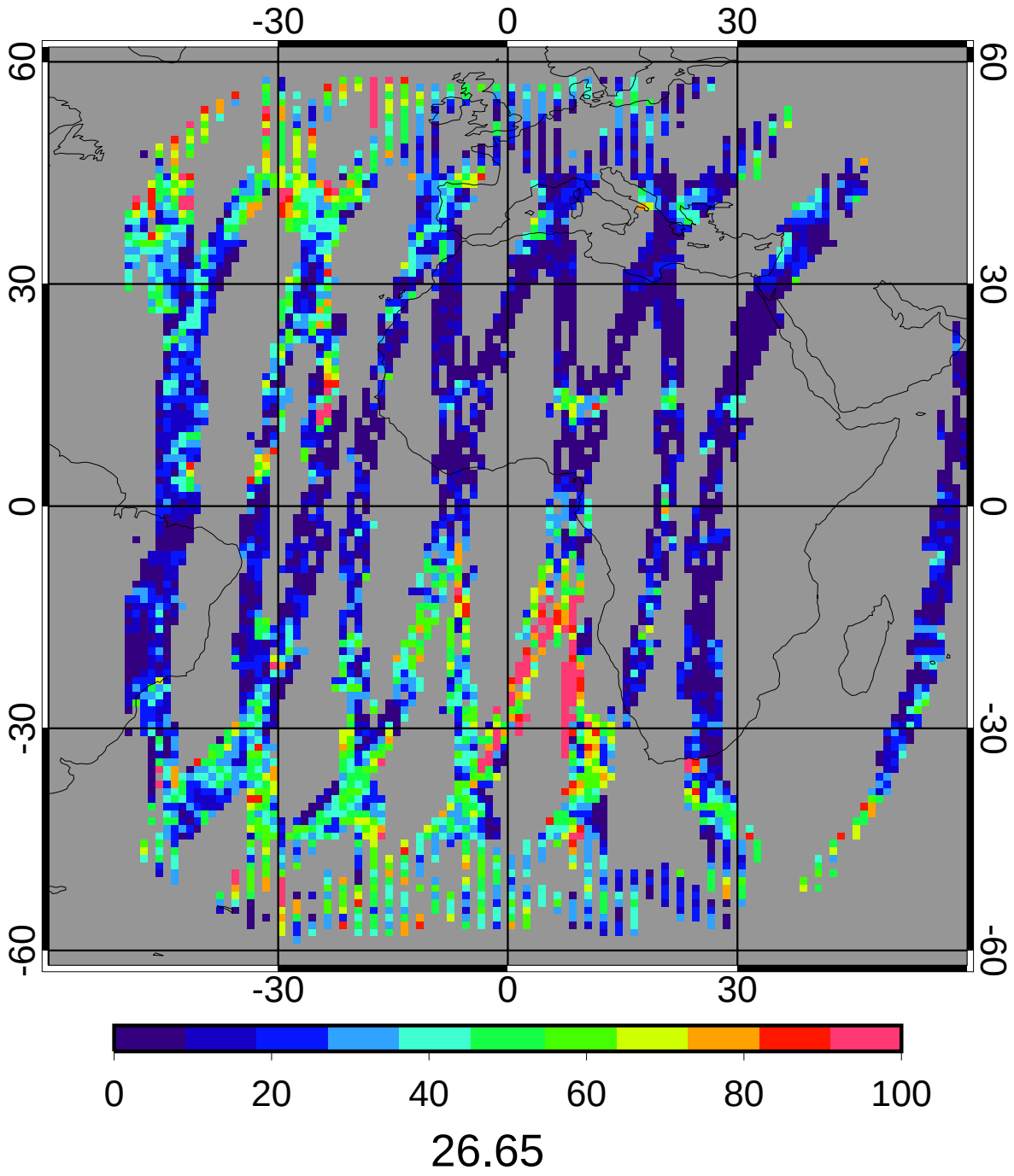
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



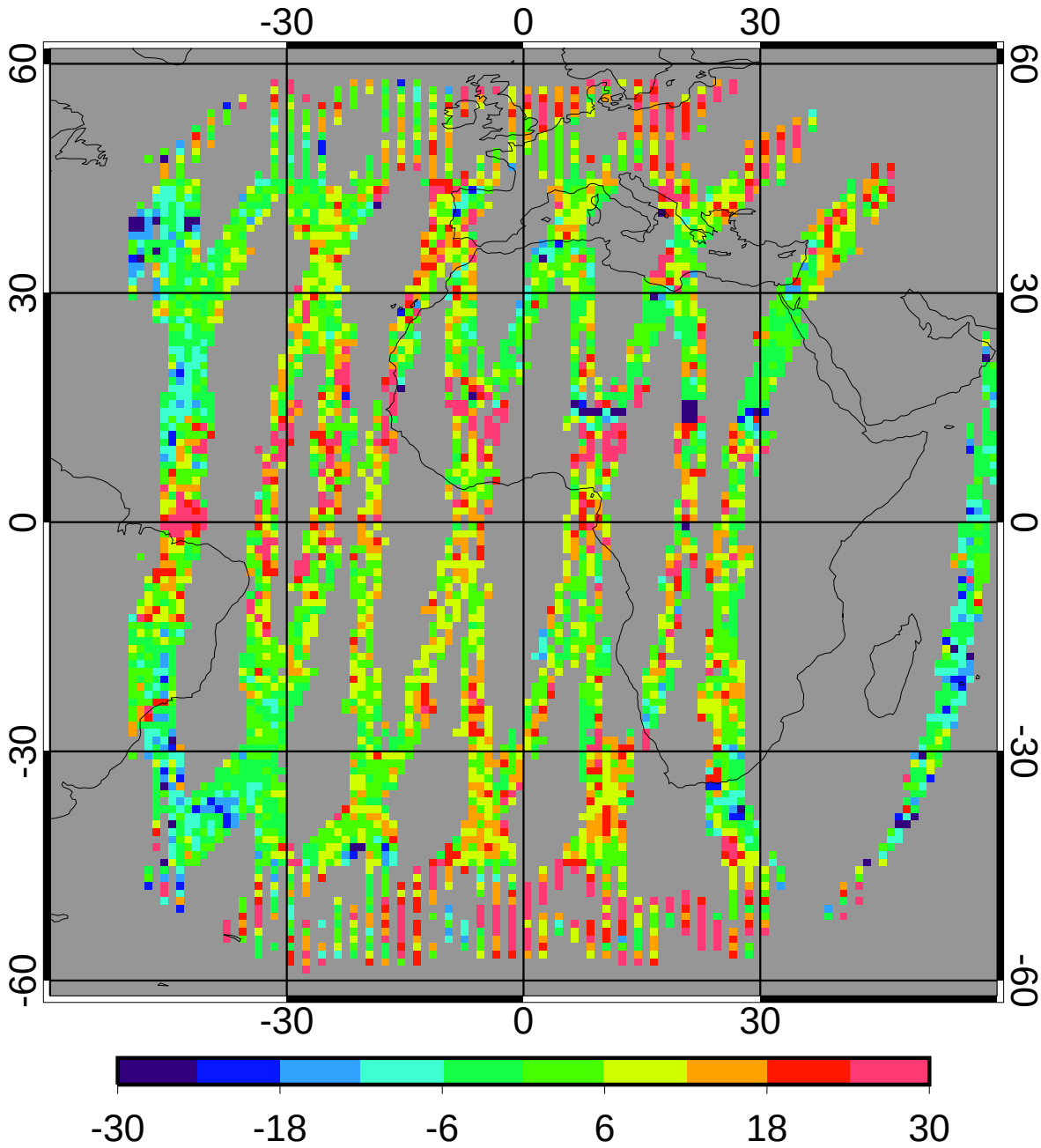
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



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

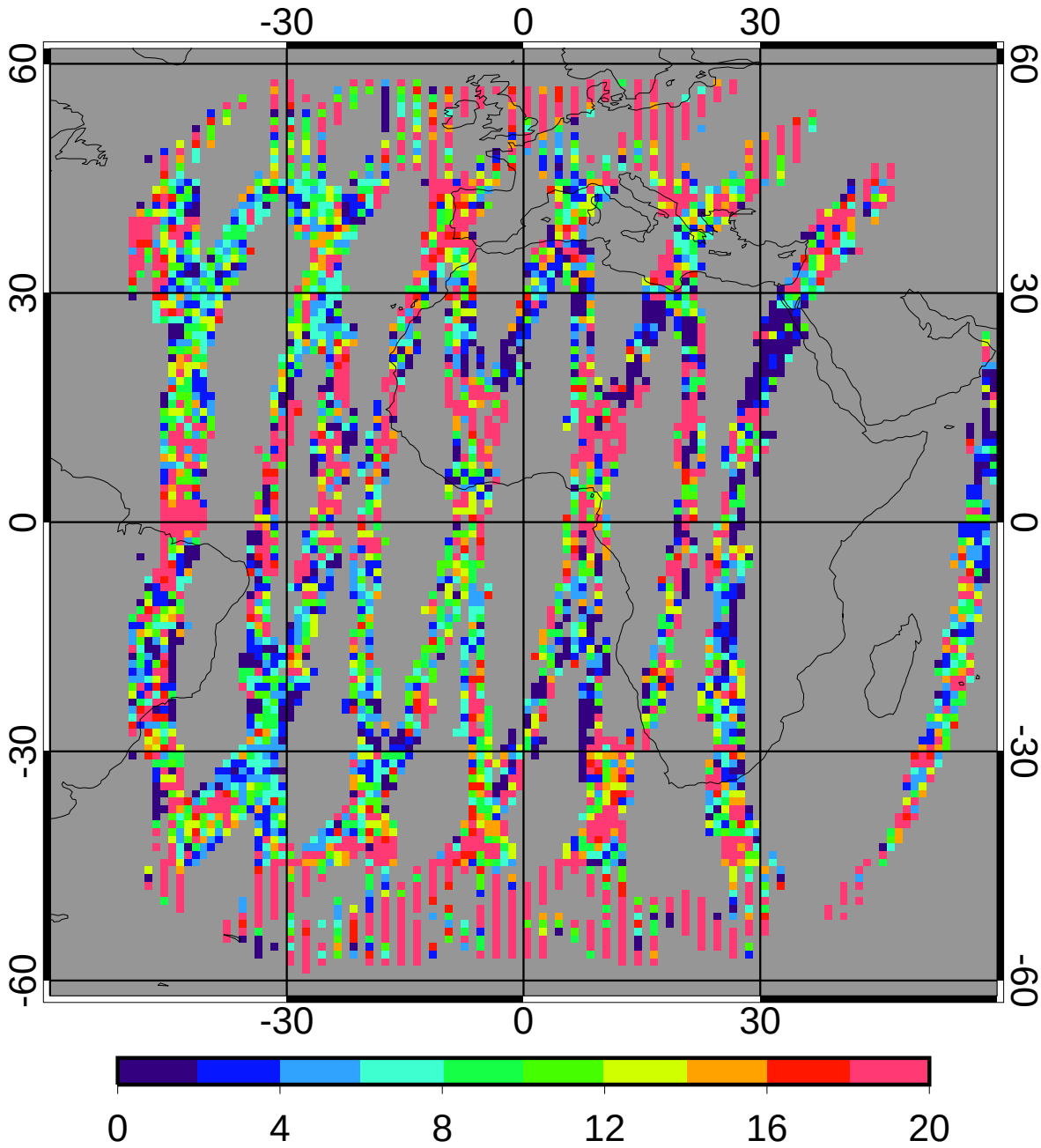
5ch Apr 2010 (matched angle) (lapse rate)



bias	6.56	24.60%
domain sigma	11.87	44.55%

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

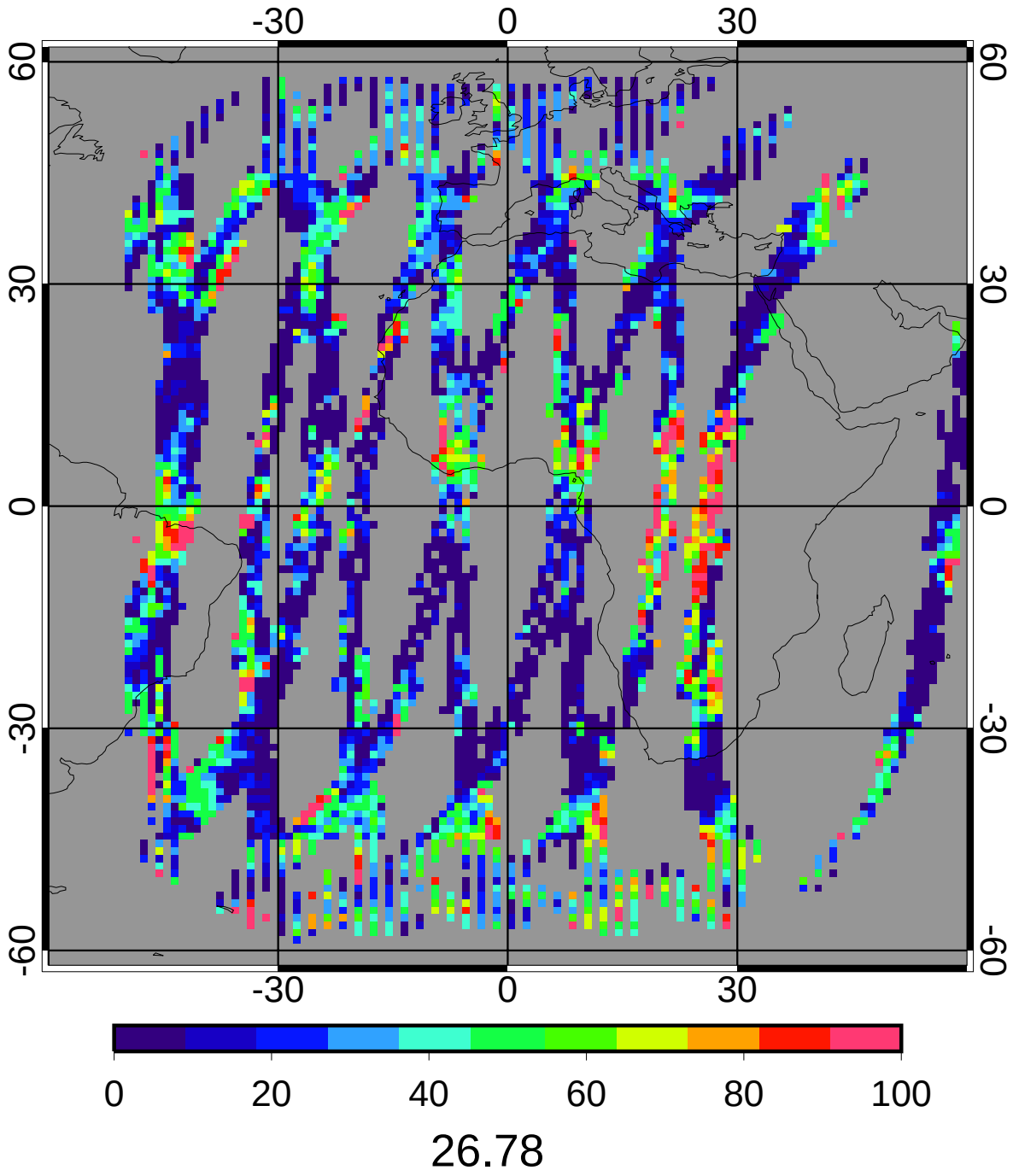
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	13.62	51.10%
domain rms	17.41	65.34%

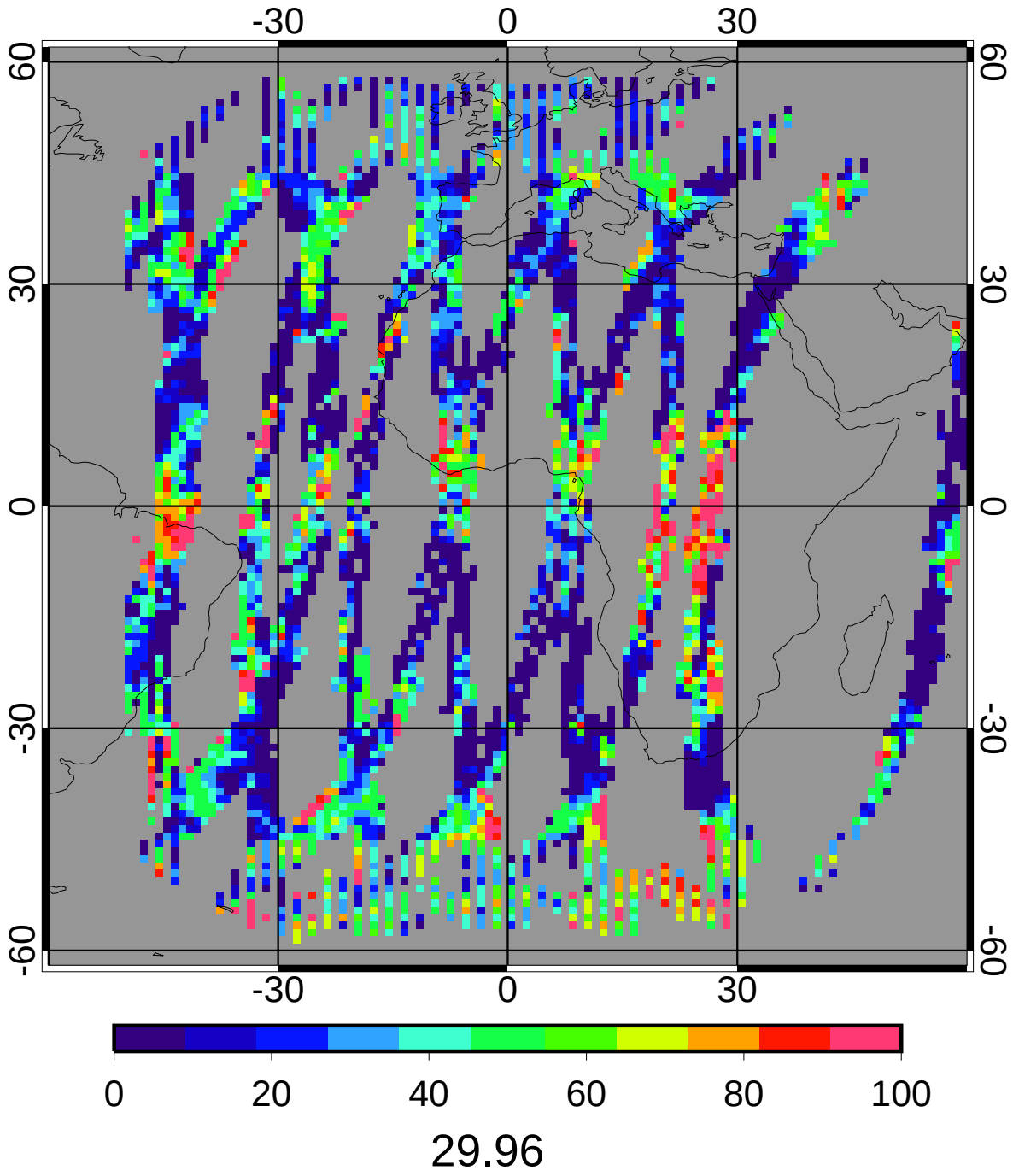
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



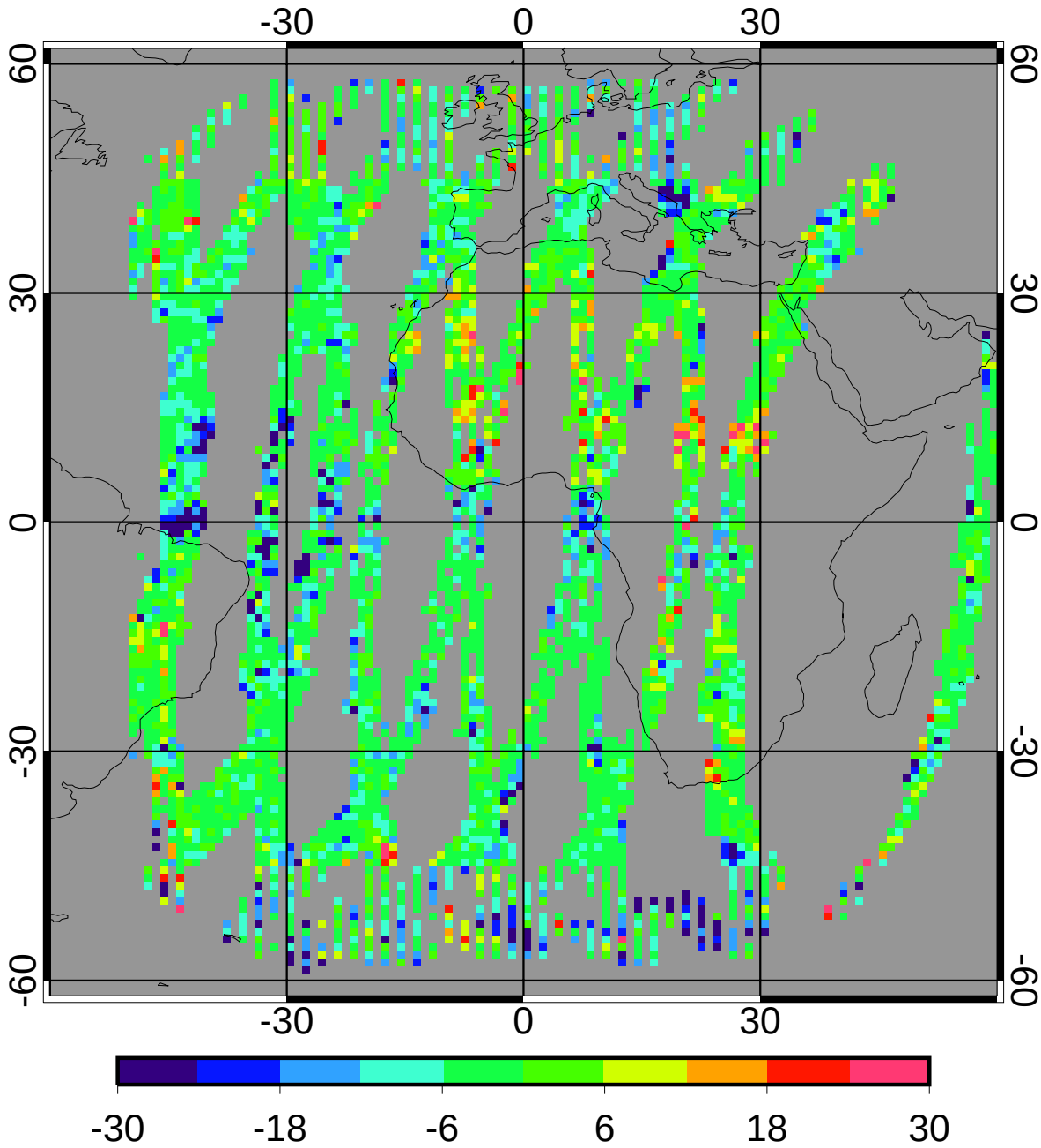
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch Apr 2010 (matched angle) (lapse rate)



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

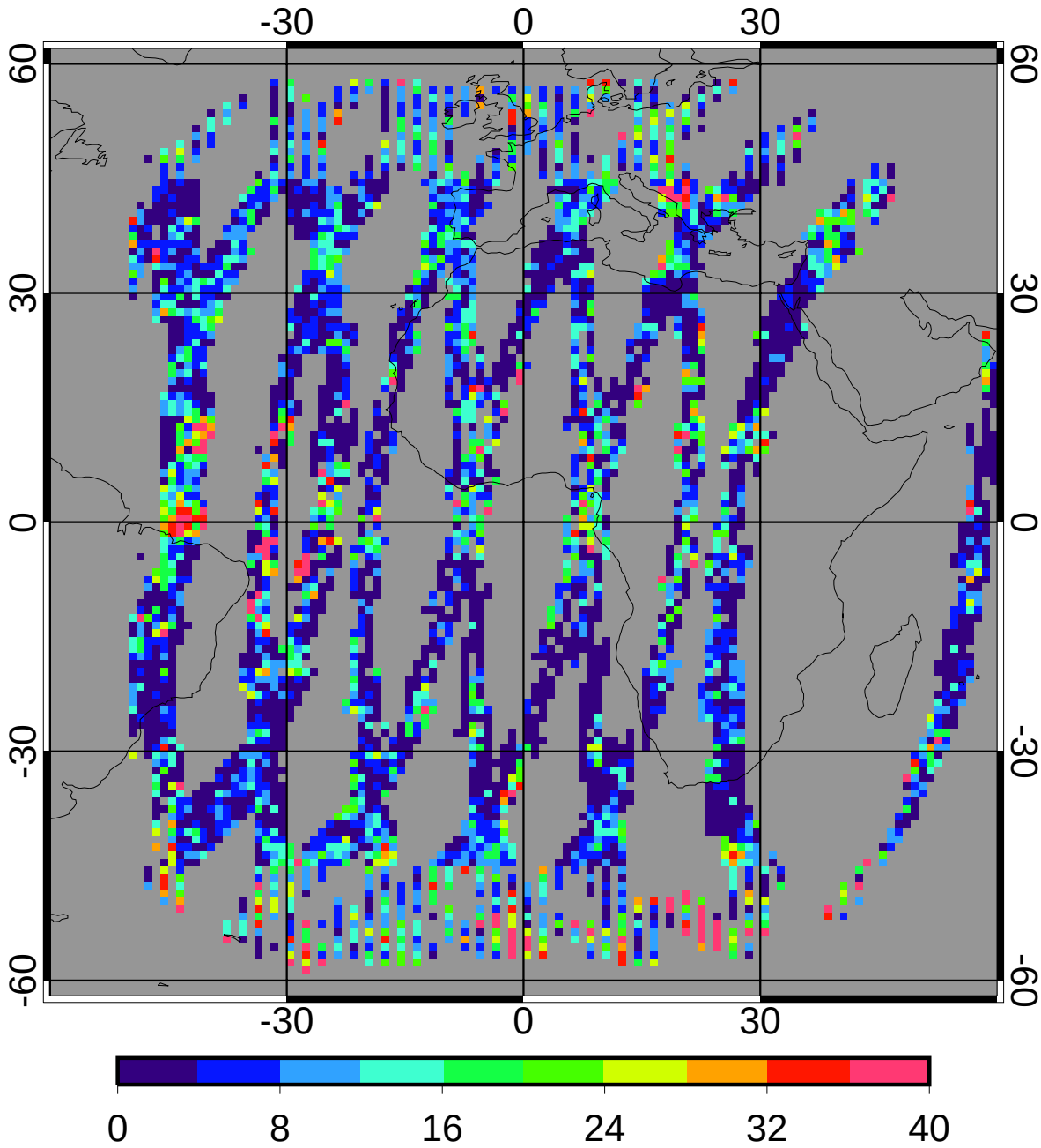
5ch Apr 2010 (matched angle) (lapse rate)



bias	-3.18	-10.61%
domain sigma	8.21	27.39%

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

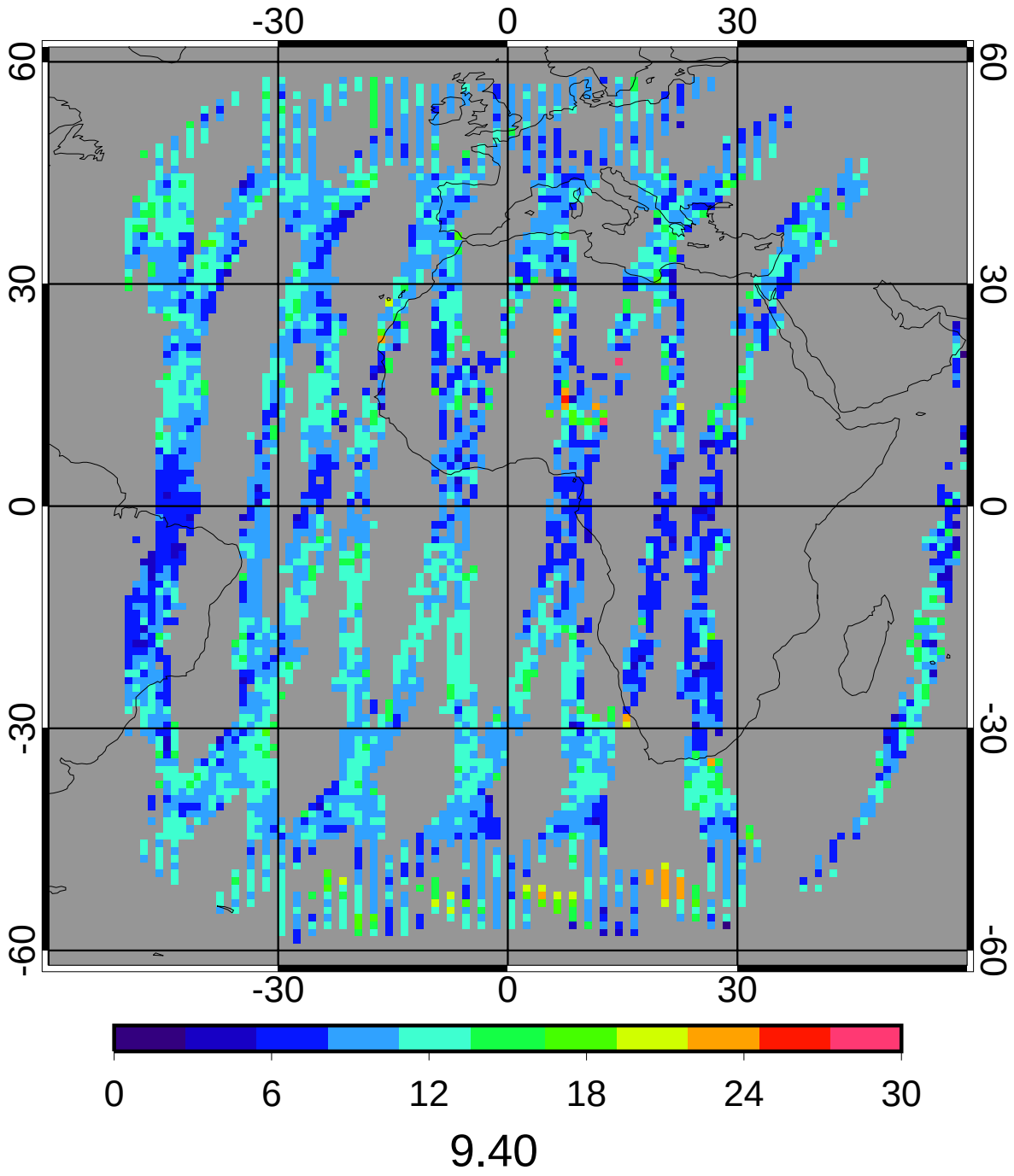
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	8.59	28.67%
domain rms	12.35	41.23%

GGEO MEAN Nighttime Liquid Particle Size (microns)

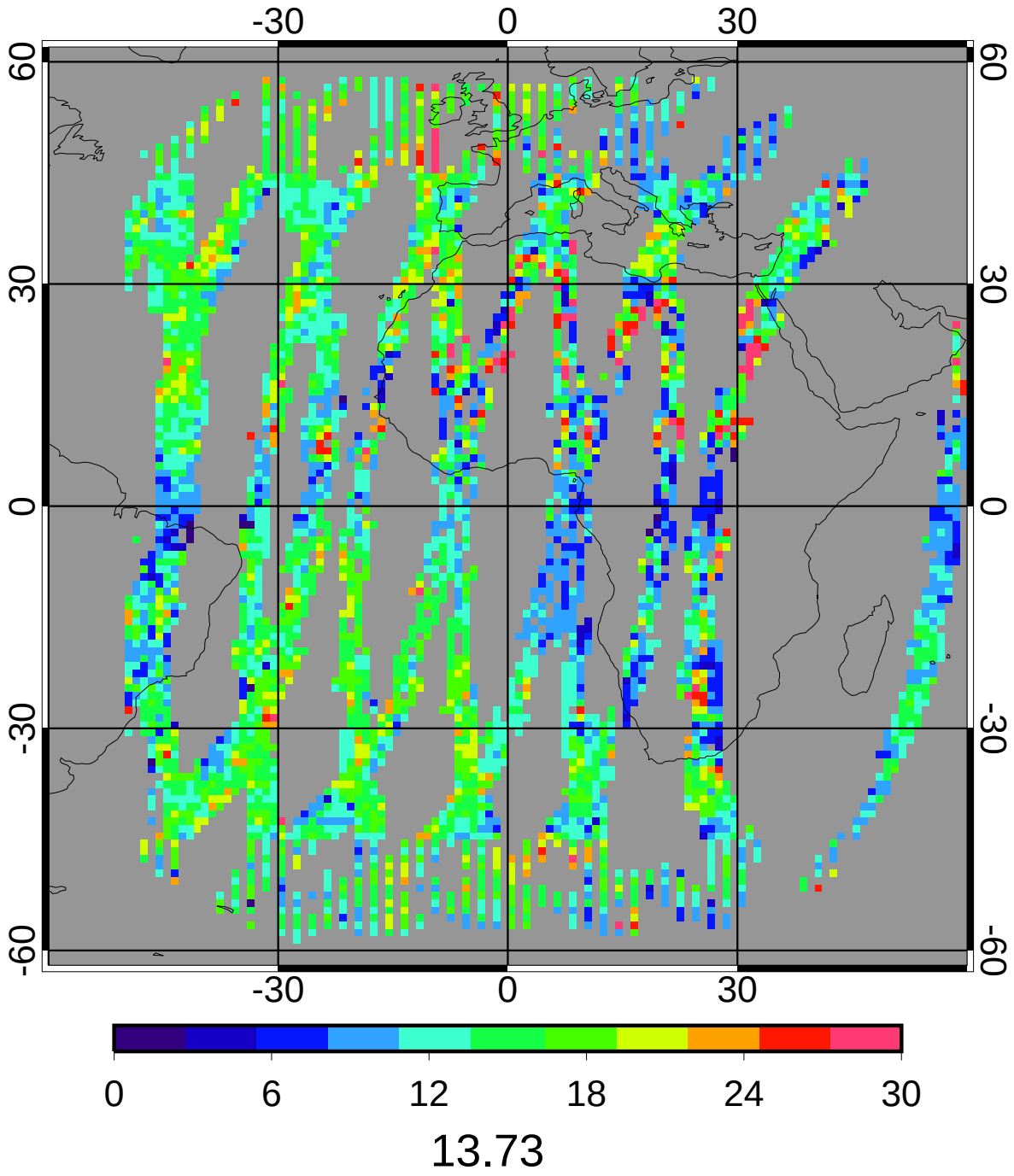
5ch Apr 2010 (matched angle) (lapse rate)



9.40

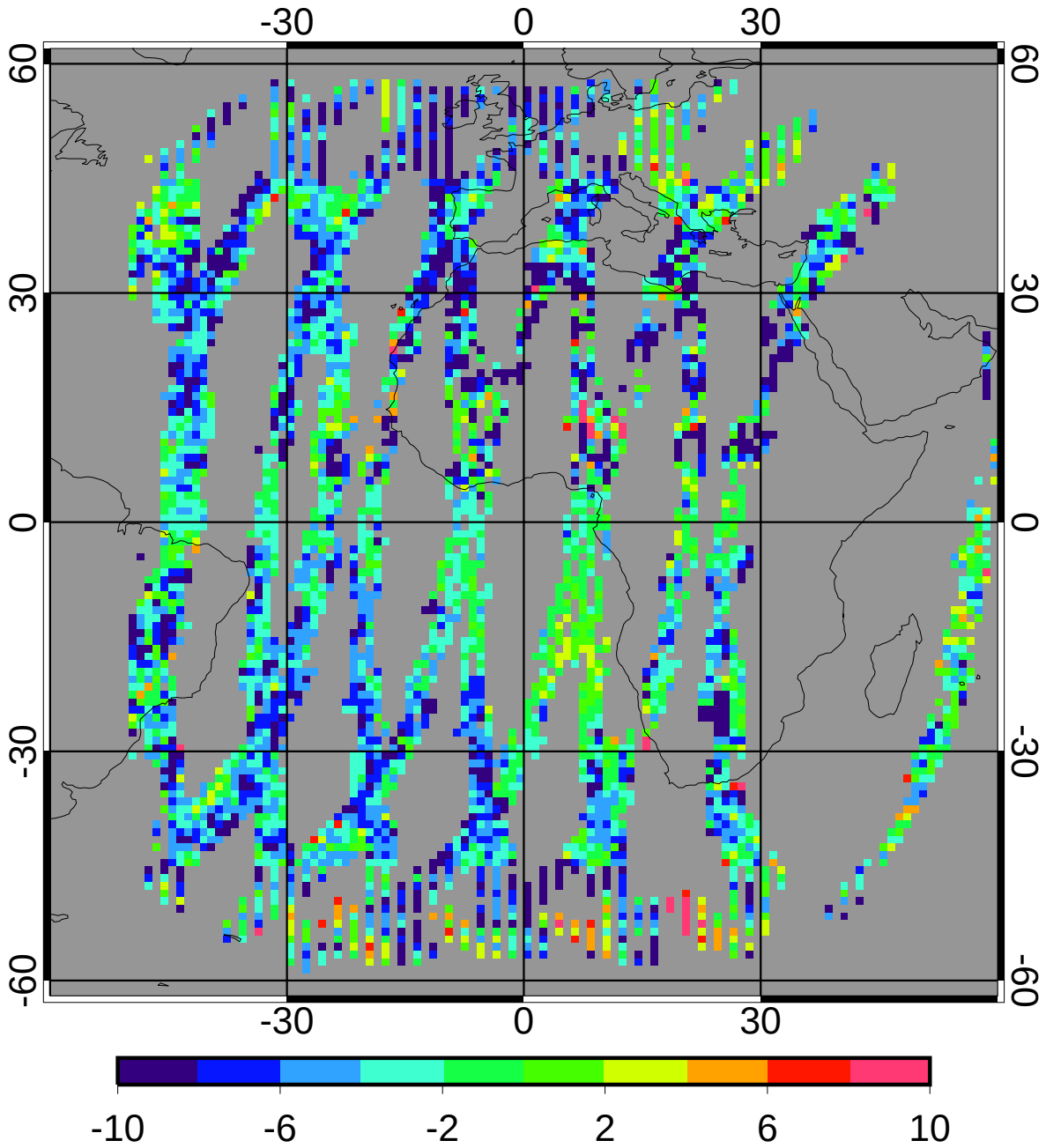
CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

5ch Apr 2010 (matched angle) (lapse rate)



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

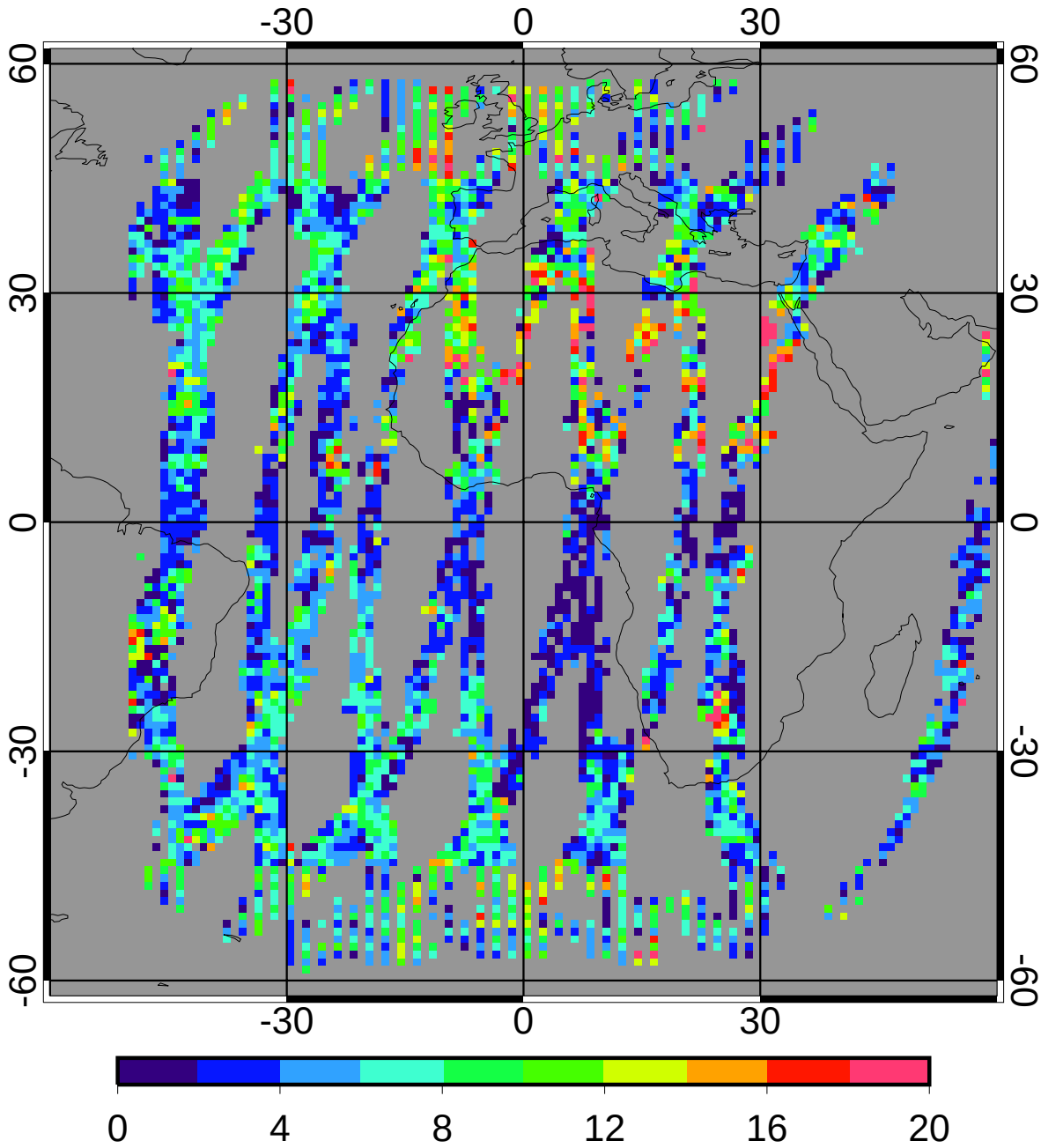
5ch Apr 2010 (matched angle) (lapse rate)



bias	-3.92	-28.52%
domain sigma	4.04	29.45%

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

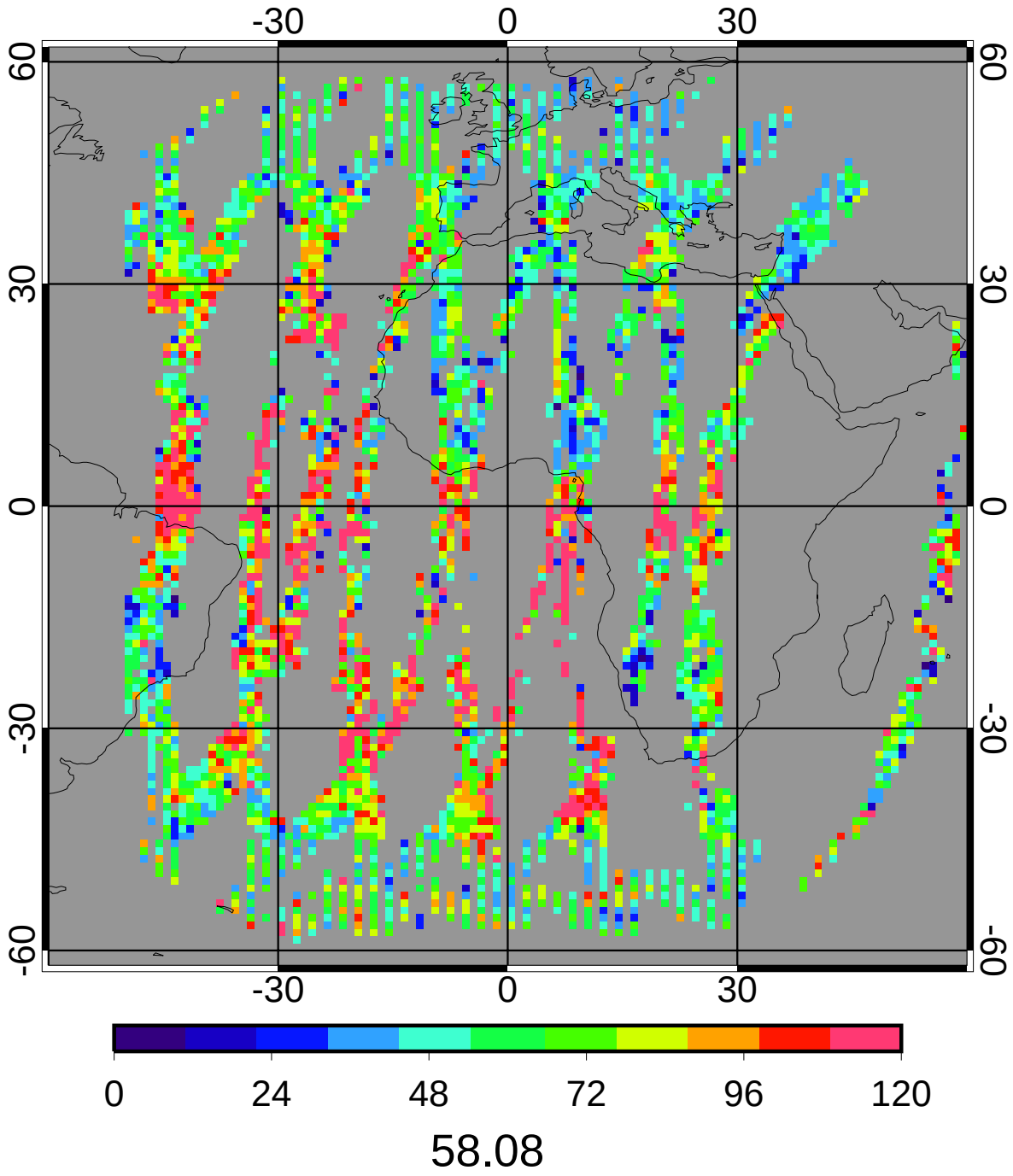
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	5.65	41.11%
domain rms	6.66	48.52%

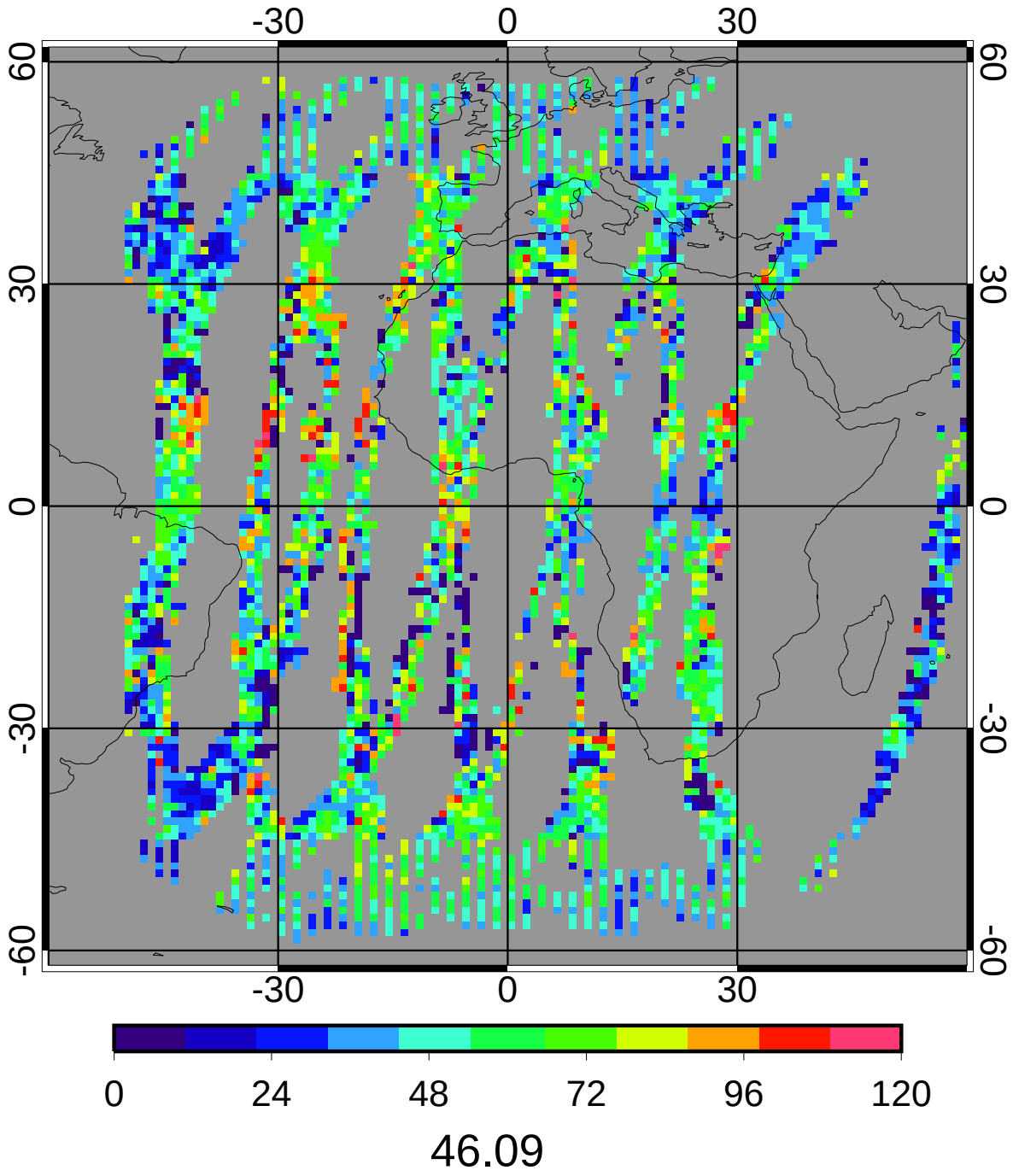
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch Apr 2010 (matched angle) (lapse rate)



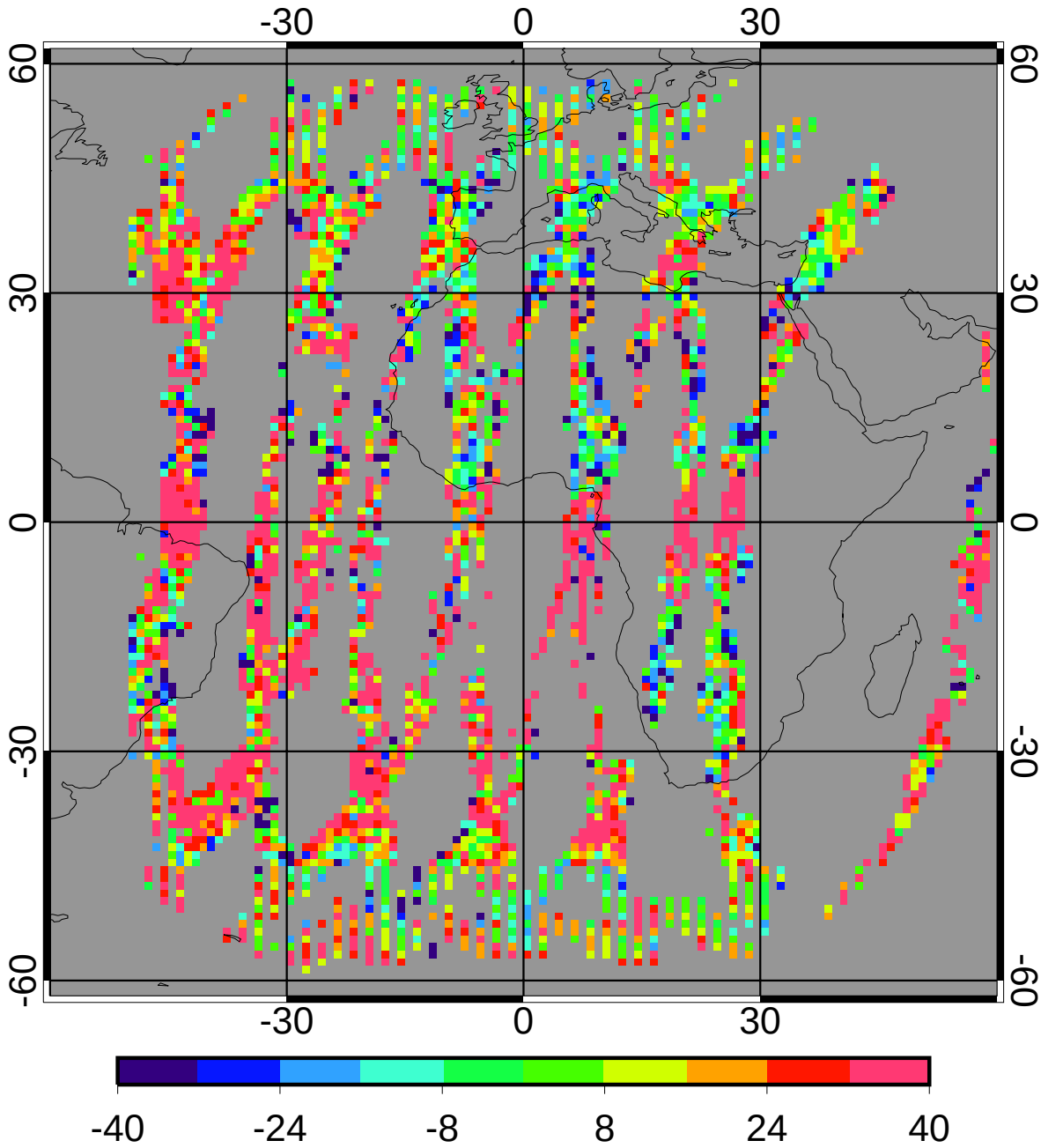
CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

5ch Apr 2010 (matched angle) (lapse rate)



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

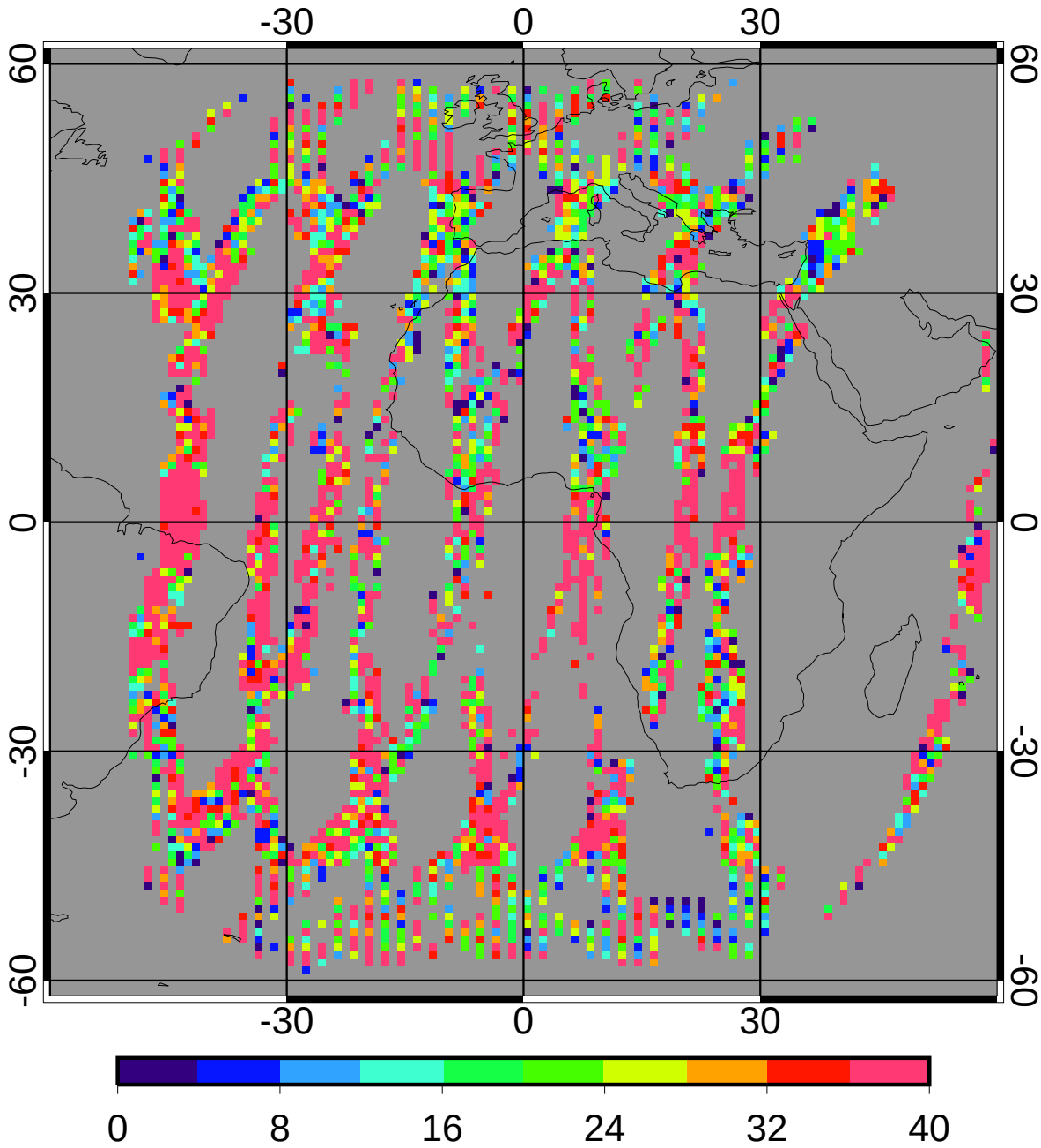
5ch Apr 2010 (matched angle) (lapse rate)



bias	14.69	31.87%
domain sigma	29.20	63.34%

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

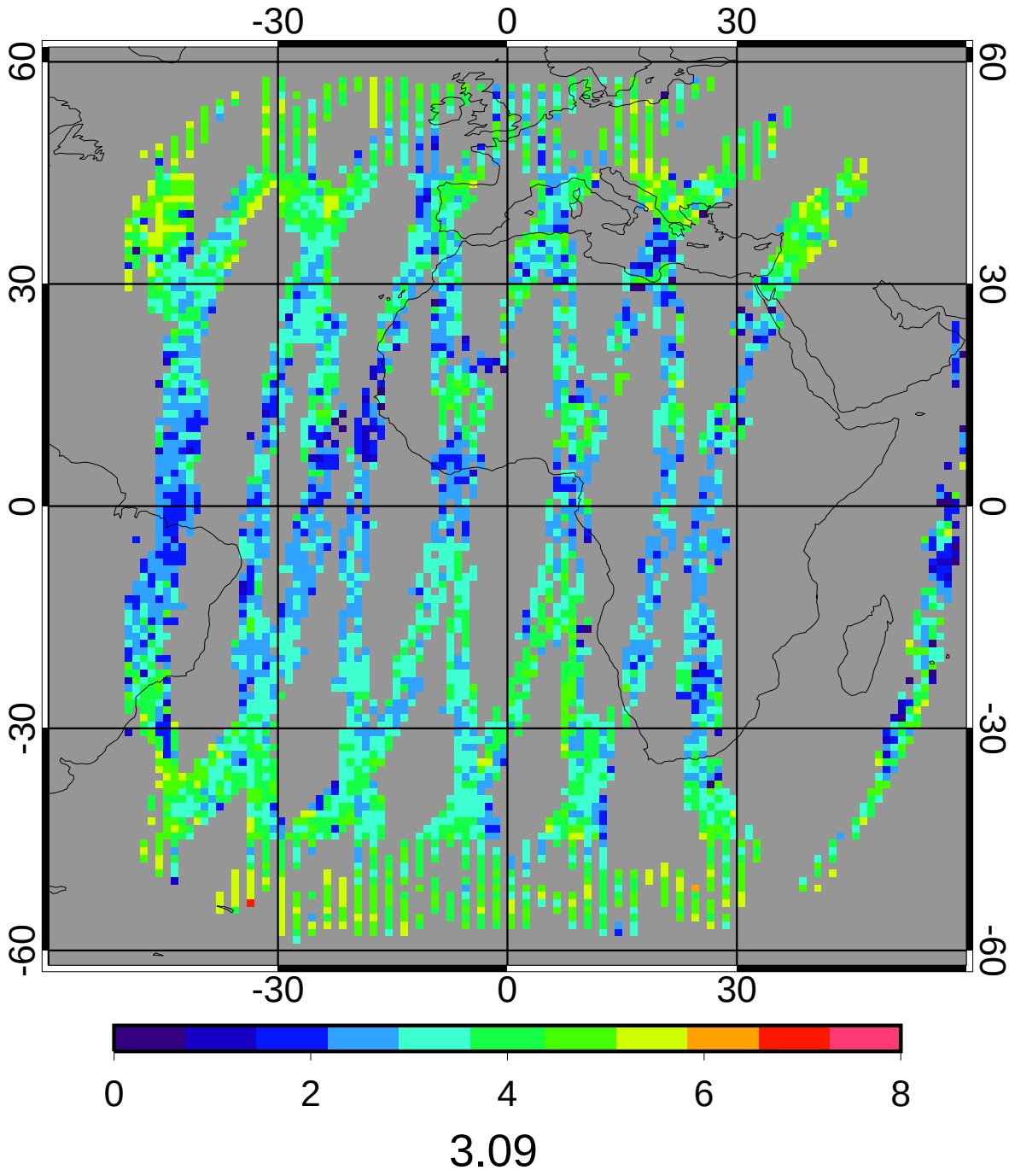
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	27.71	60.12%
domain rms	37.04	80.37%

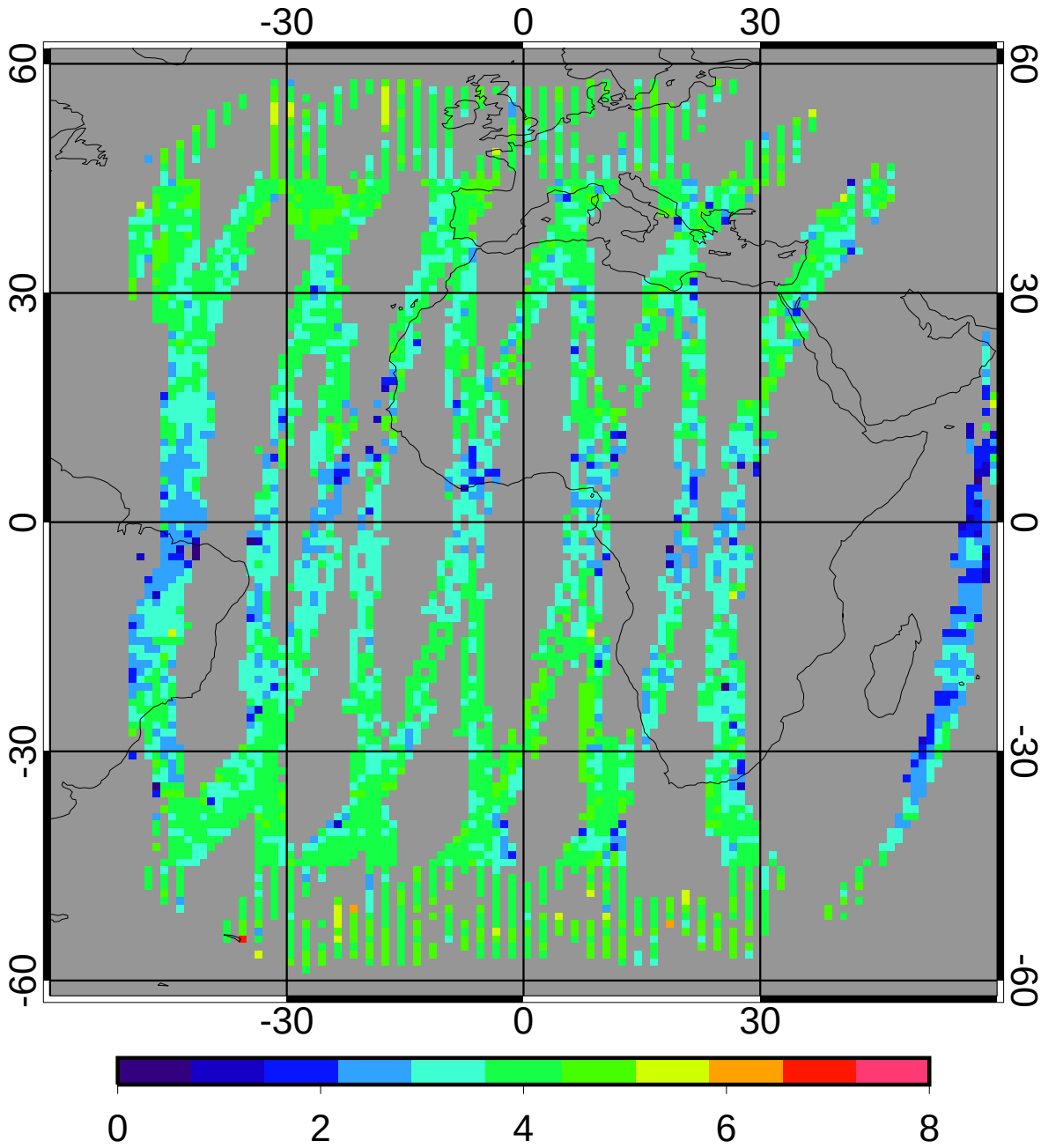
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch Apr 2010 (matched angle) (lapse rate)



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

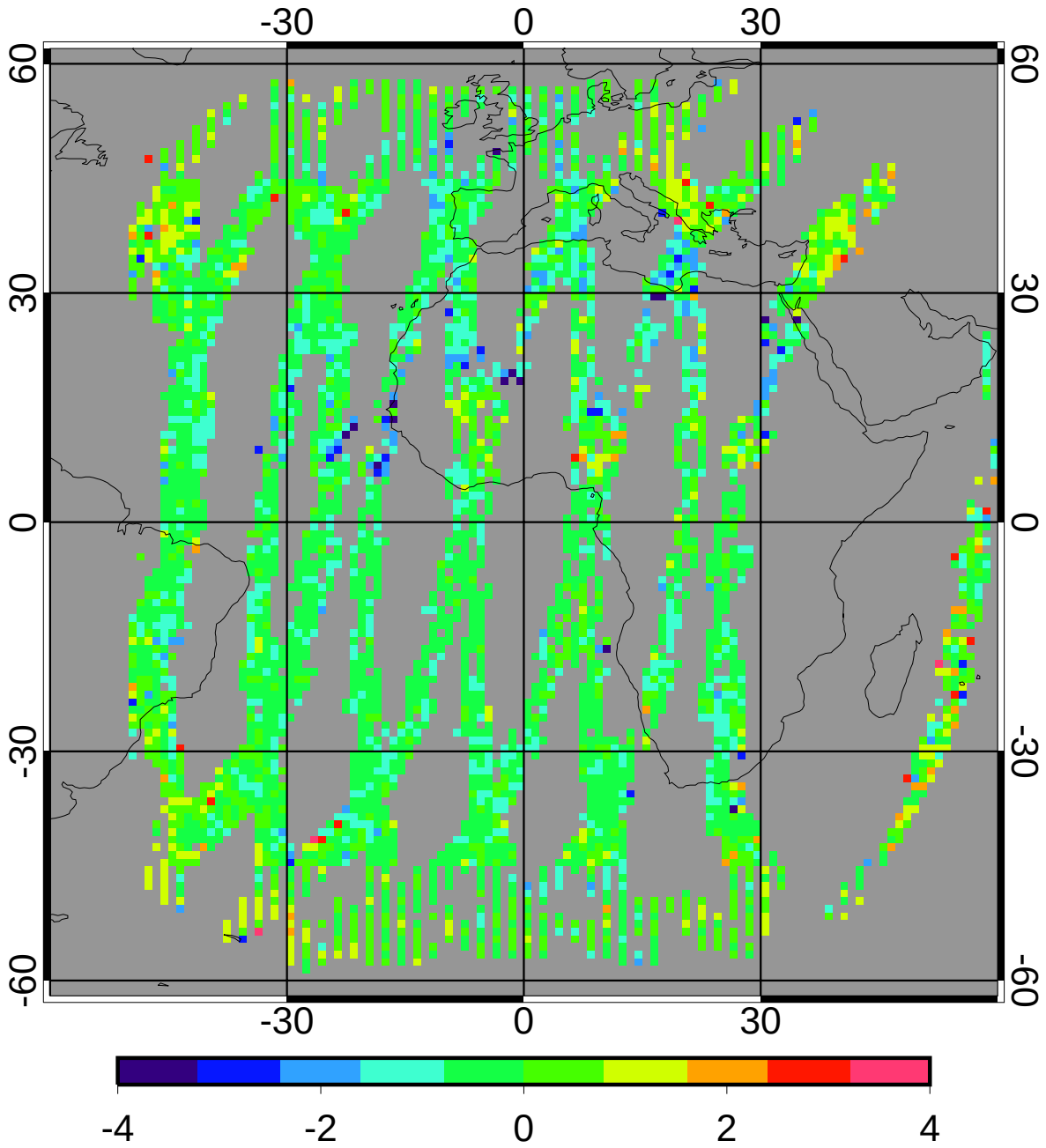
5ch Apr 2010 (matched angle) (lapse rate)



3.48

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

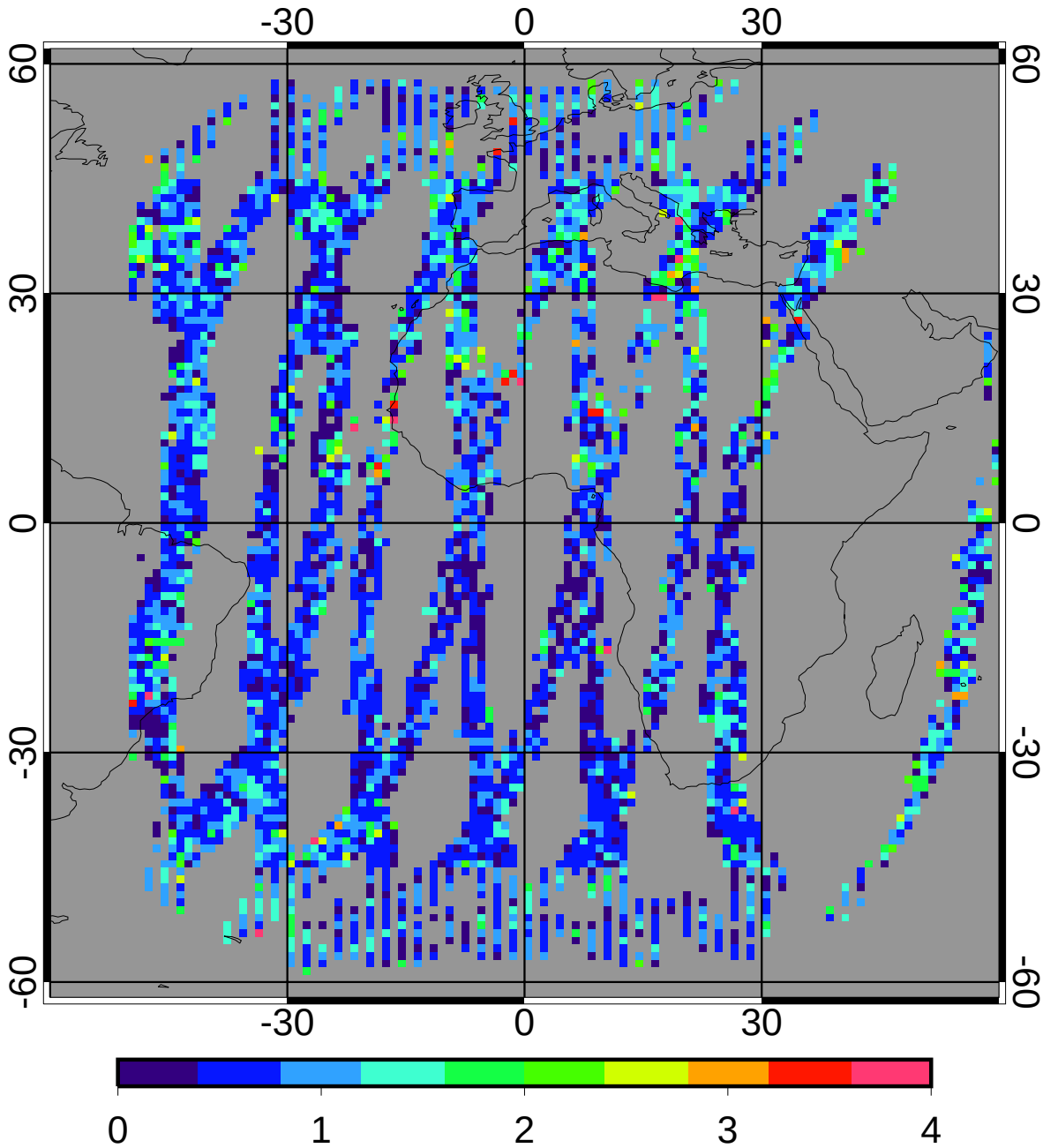
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.28	-8.02%
domain sigma	0.71	20.35%

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

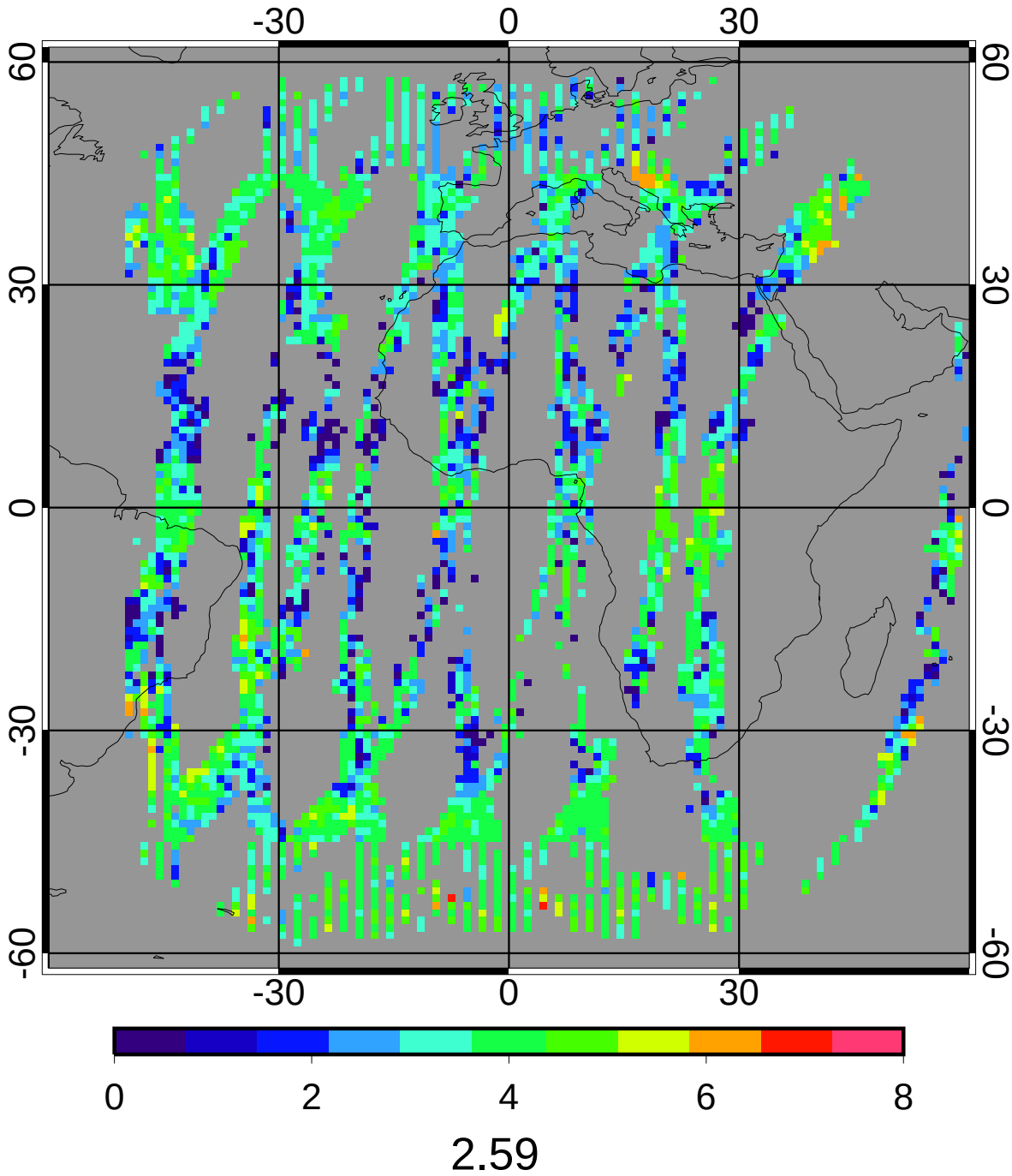
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.77	22.09%
domain rms	0.90	25.87%

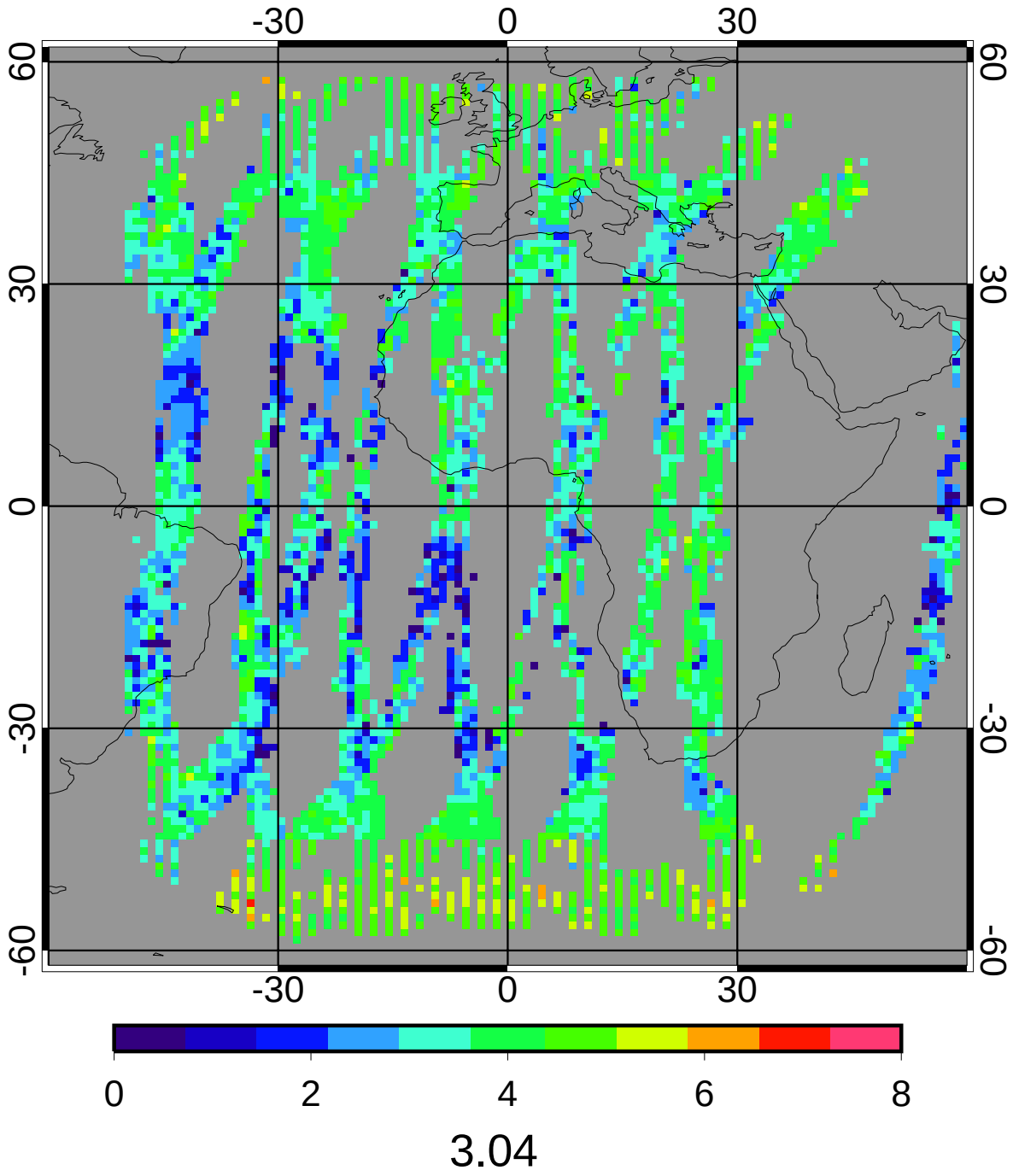
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch Apr 2010 (matched angle) (lapse rate)



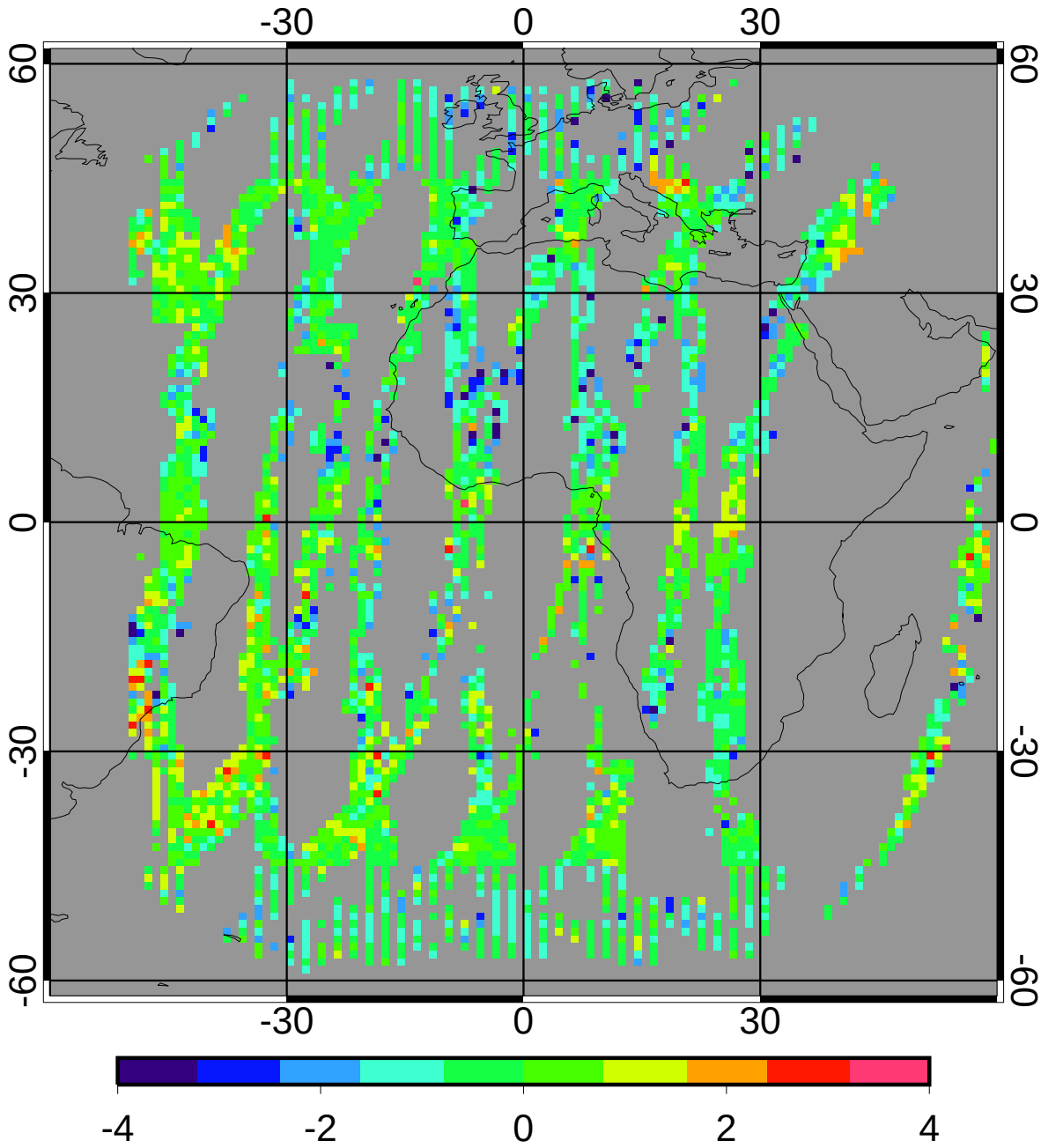
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch Apr 2010 (matched angle) (lapse rate)



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

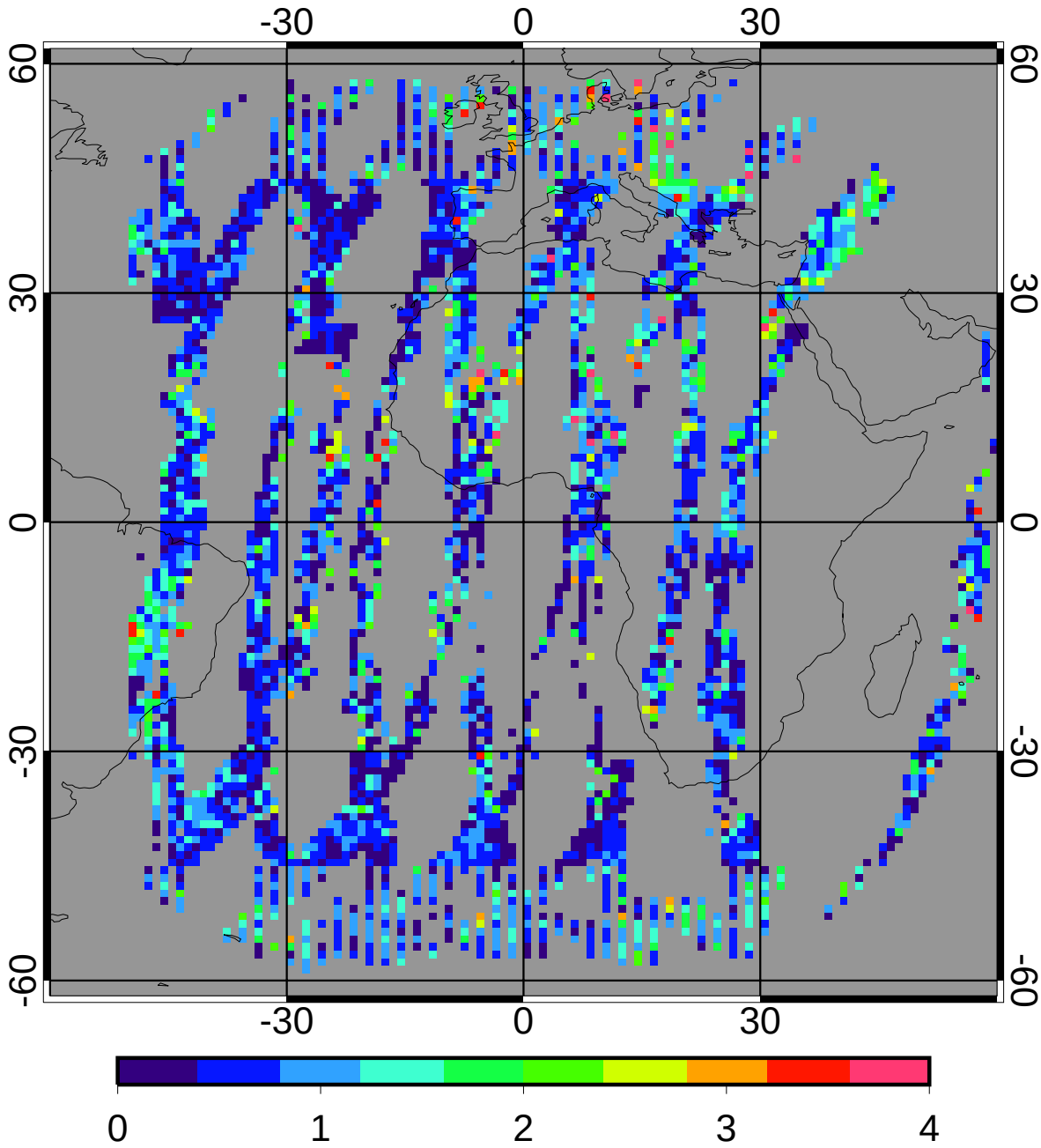
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.22	-7.18%
domain sigma	0.88	28.78%

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

5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.67	22.01%
domain rms	0.94	30.84%