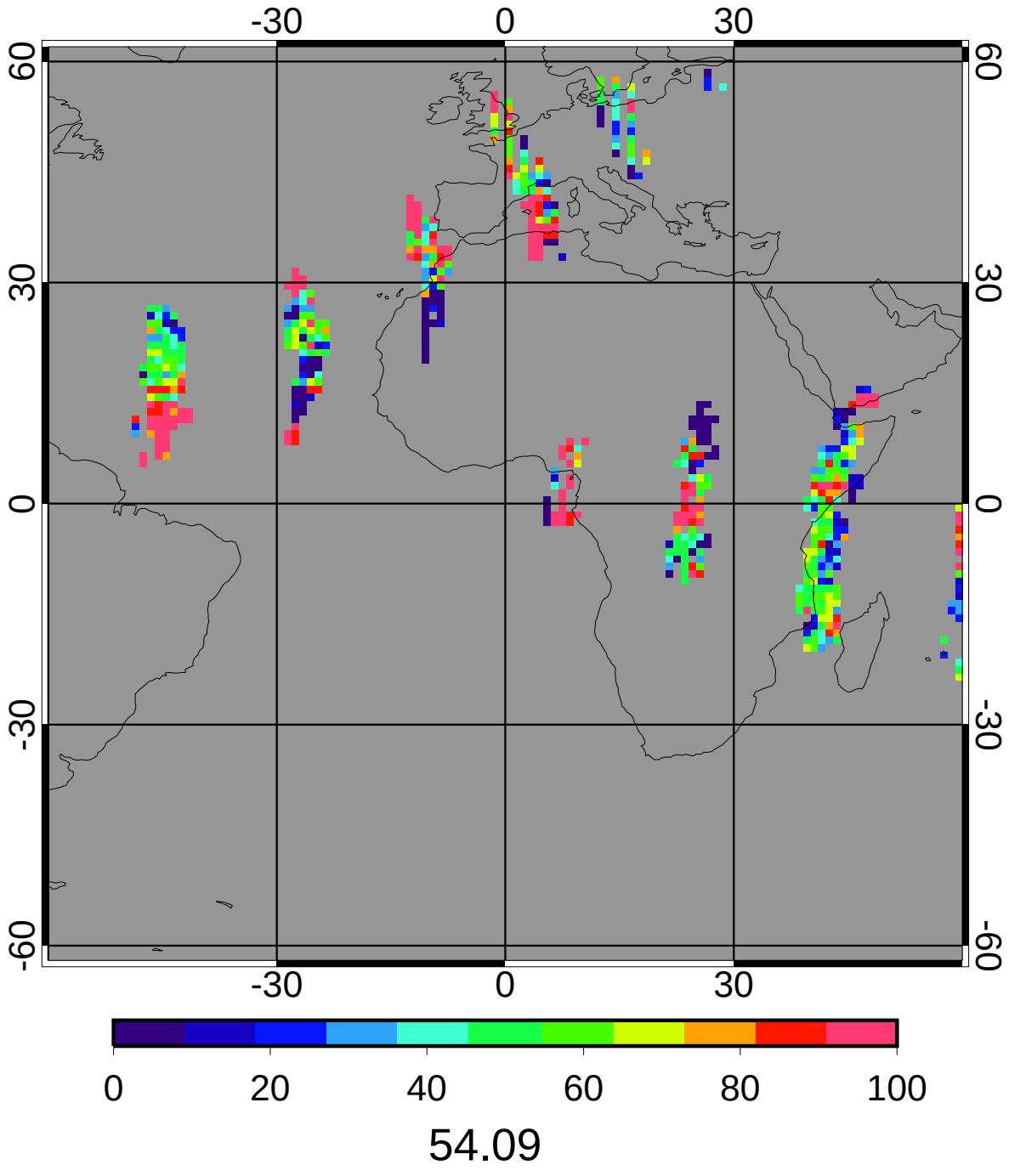
GGEO MEAN Daytime Cloud Amount (%)

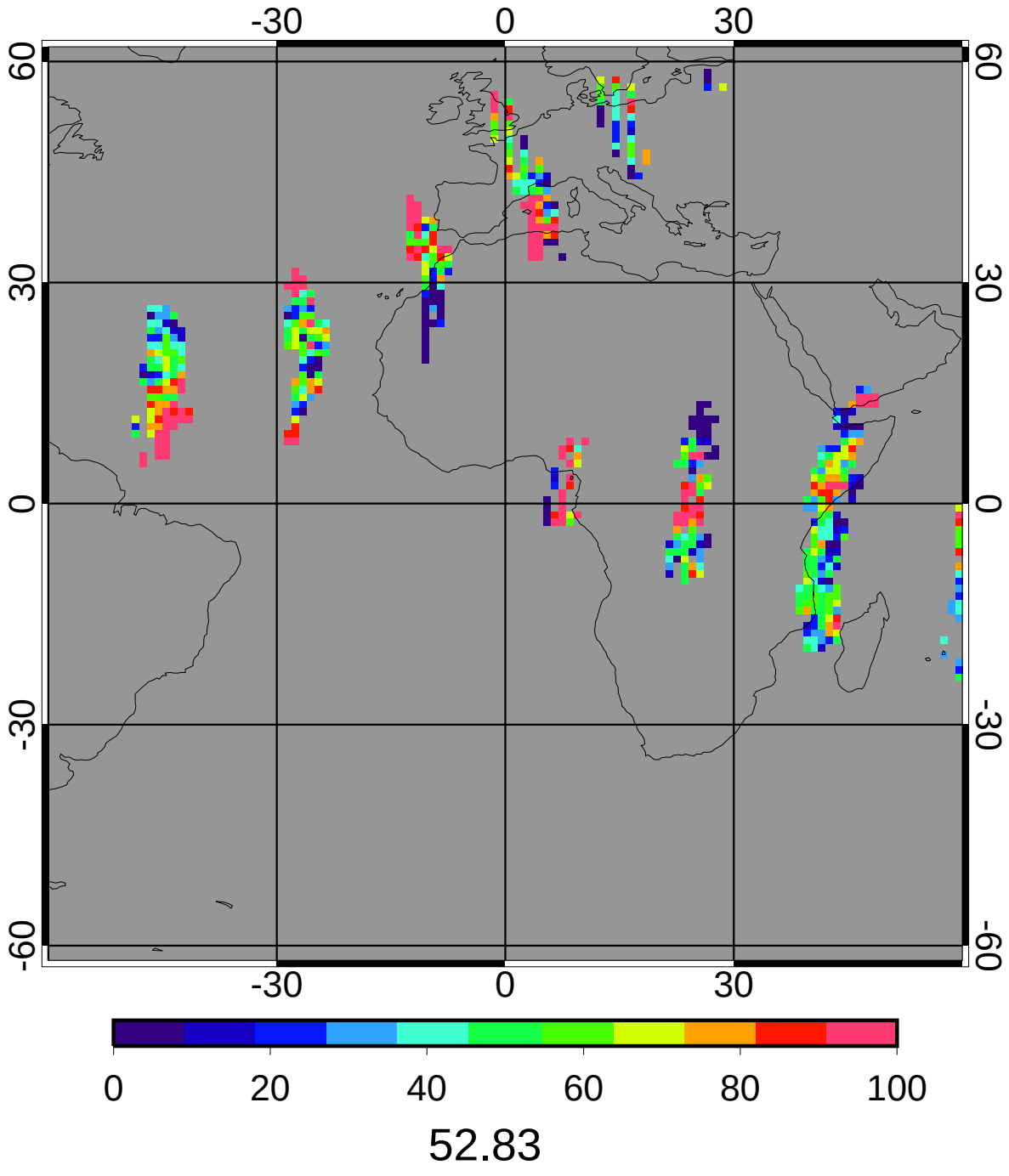
5ch Apr 2010 (matched angle) (lapse rate)



54.09

CERES/Terra MEAN Daytime Cloud Amount (%)

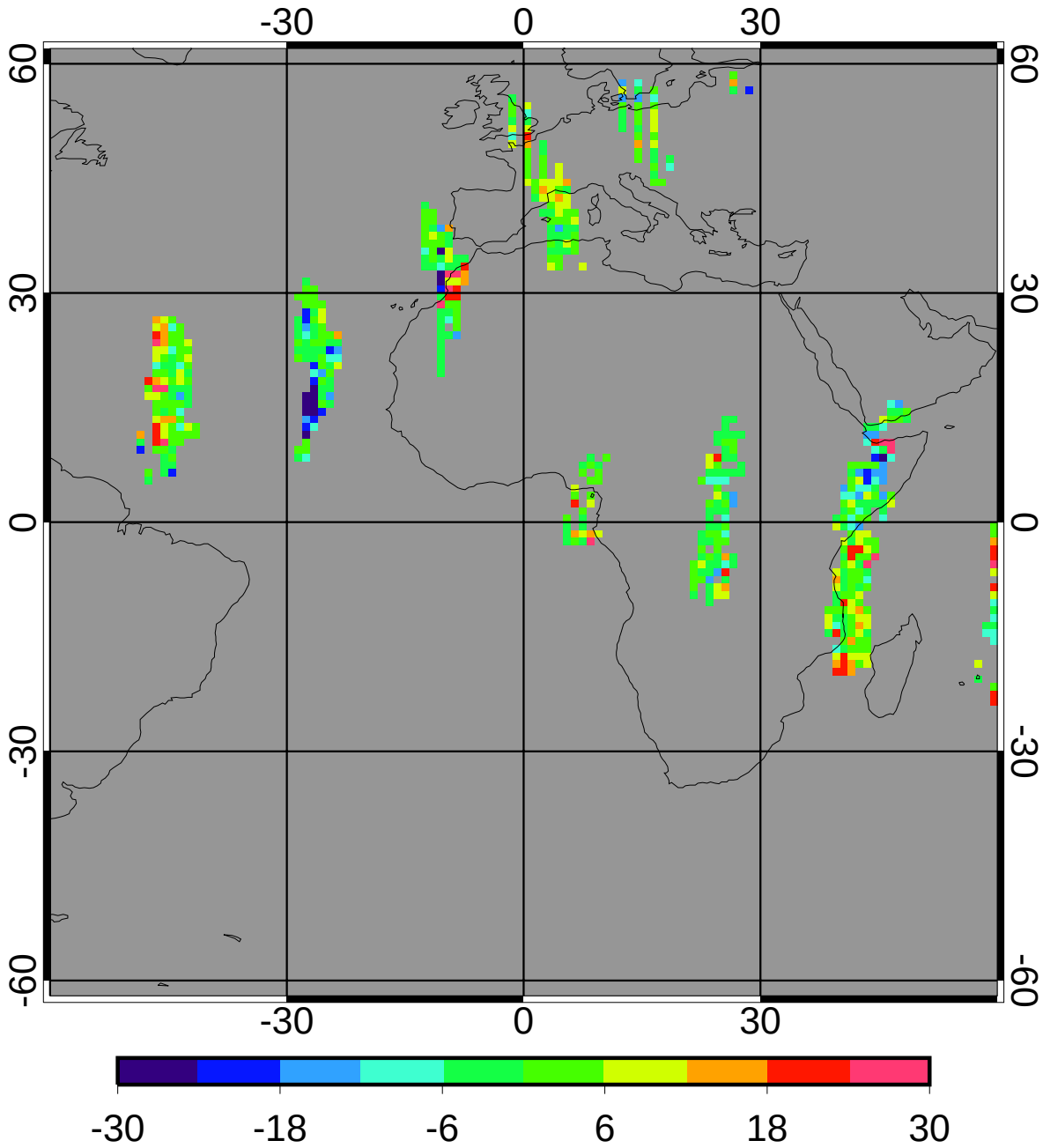
5ch Apr 2010 (matched angle) (lapse rate)



52.83

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

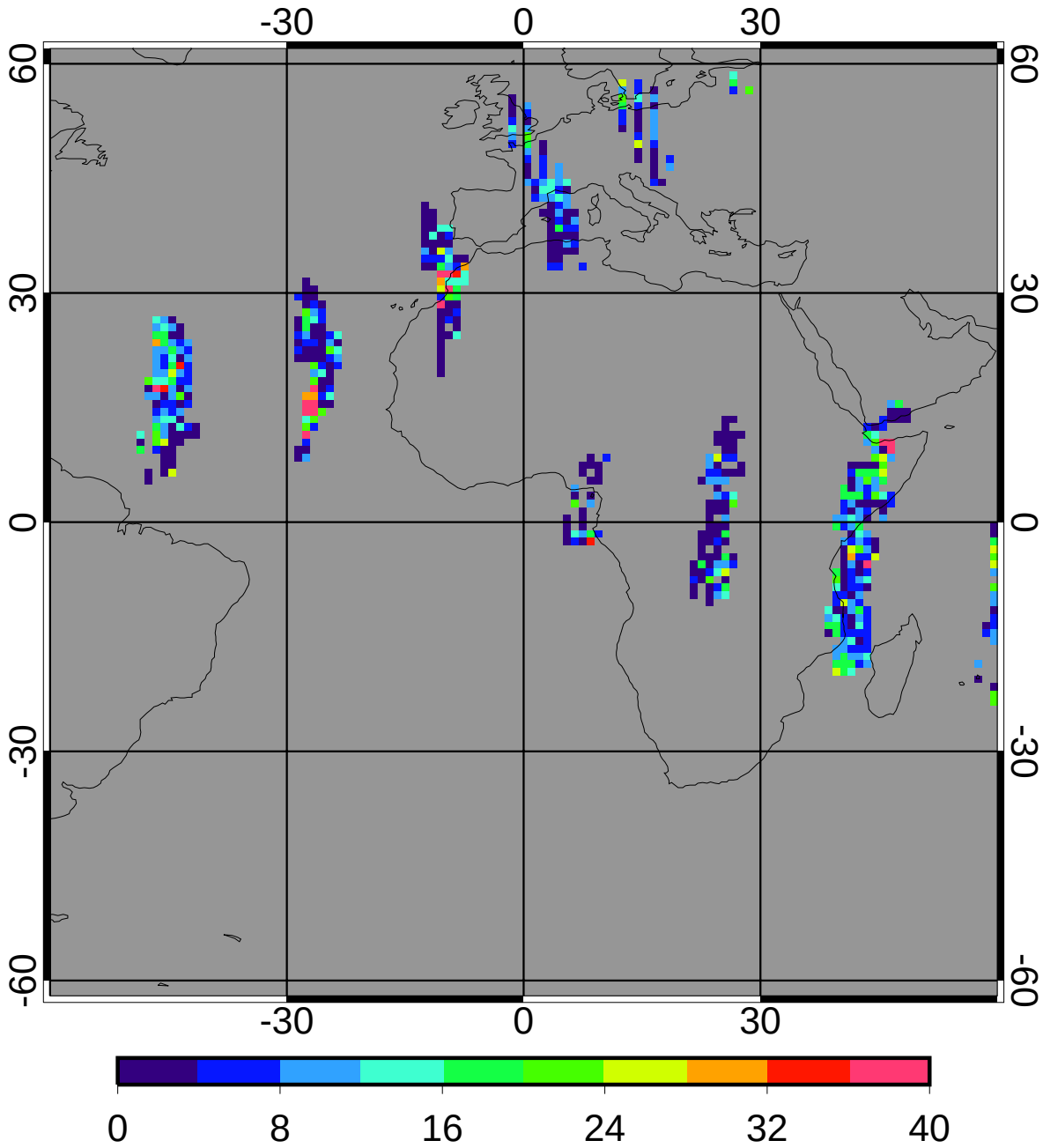
5ch Apr 2010 (matched angle) (lapse rate)



bias	1.27	2.40%
domain sigma	11.00	20.83%

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

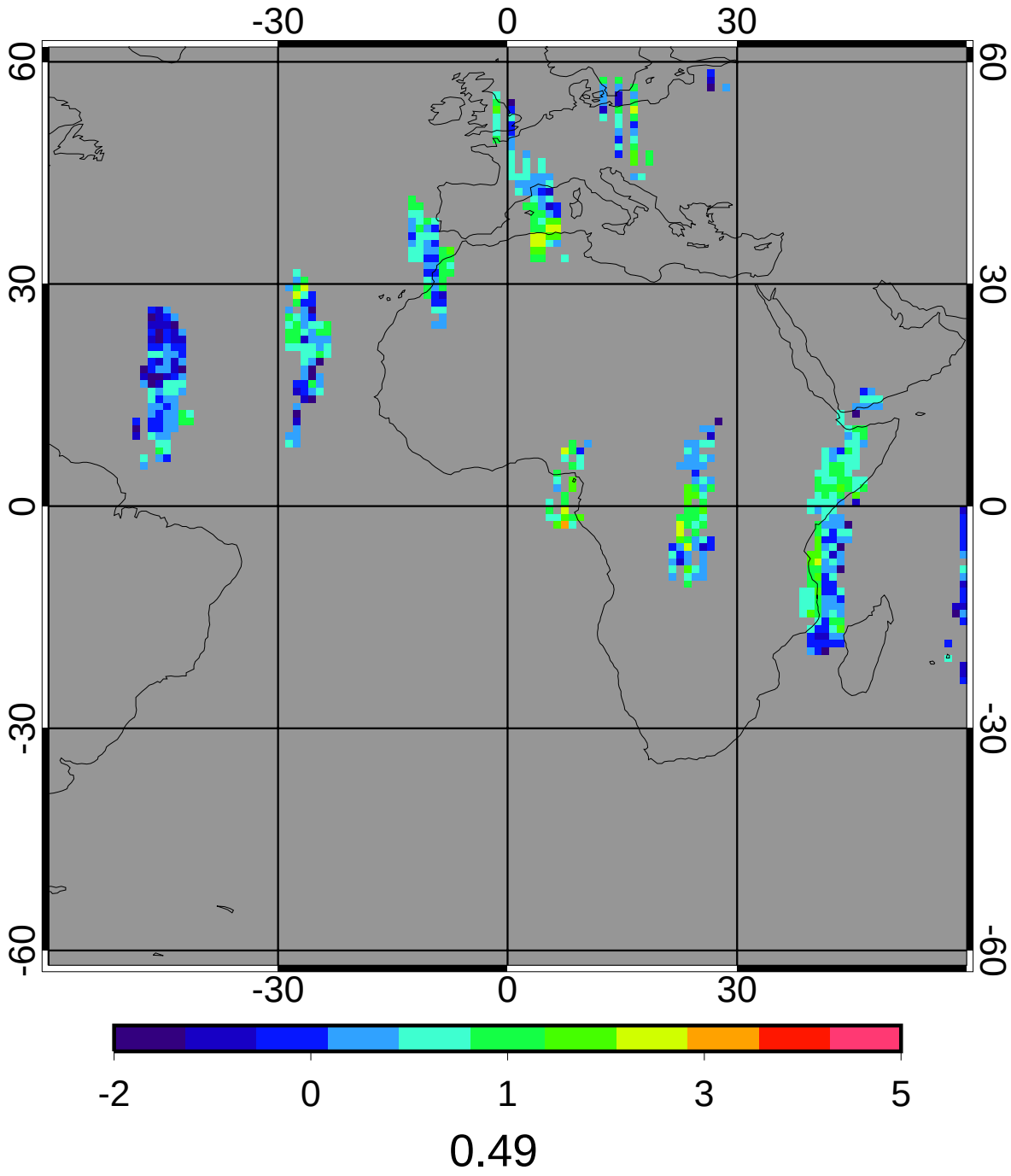
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	8.94	16.91%
domain rms	12.80	24.23%

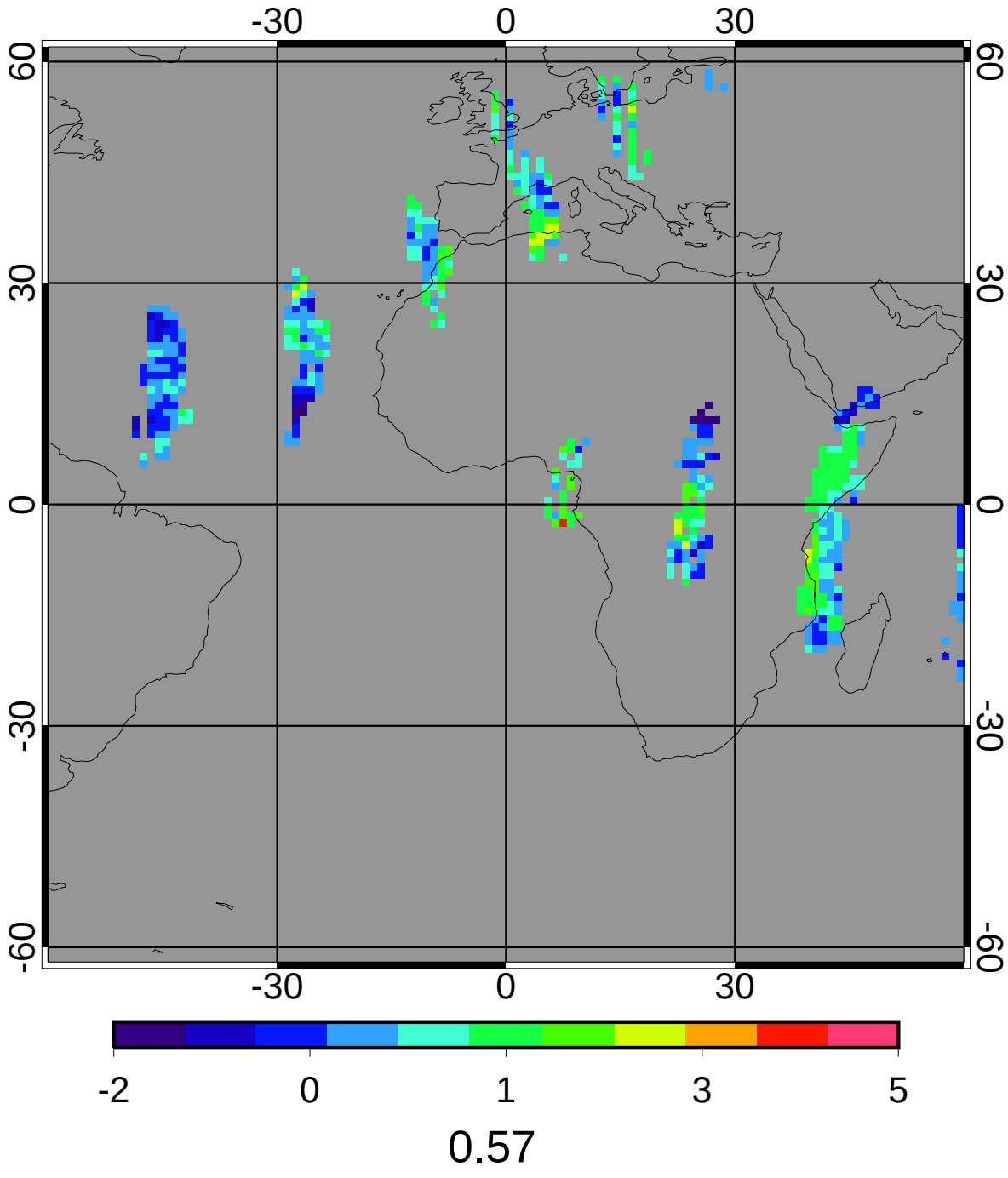
GGEO MEAN Daytime Log Optical Depth

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



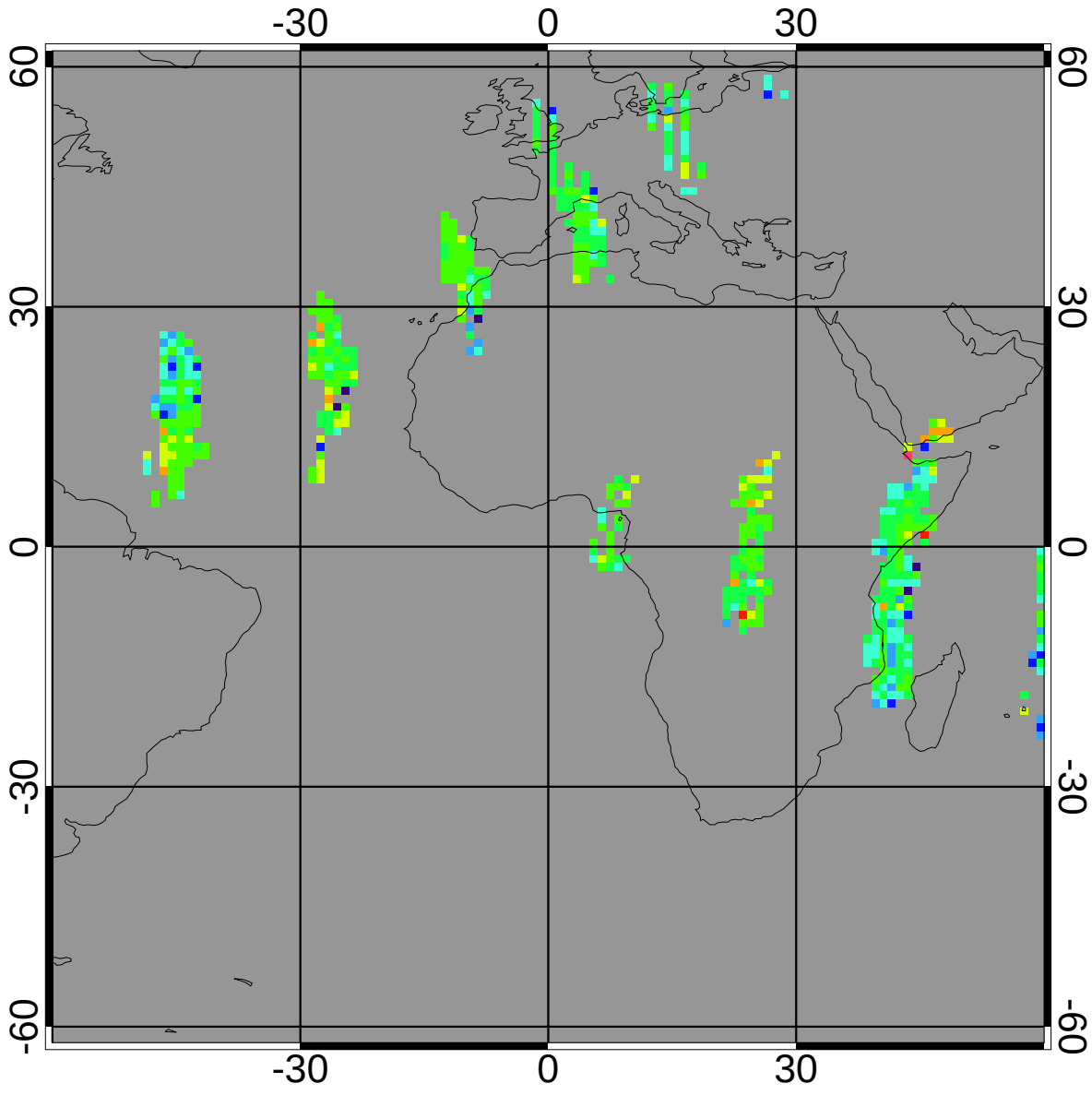
CERES/Terra MEAN Daytime Log Optical Depth

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



GGEO - CERES/Terra Daytime Log Optical Depth Bias

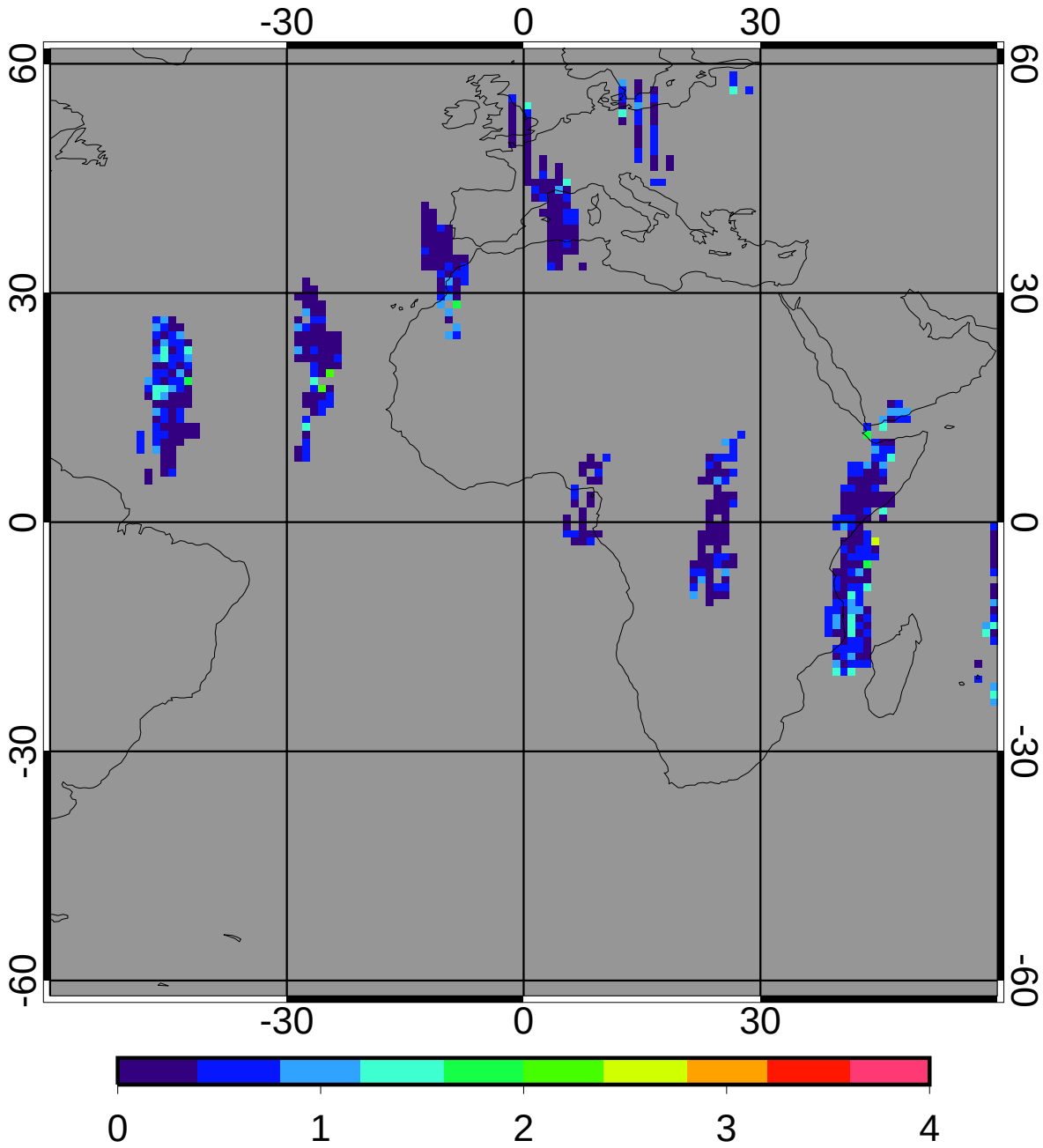
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.10	-18.38%
domain sigma	0.47	83.33%

GGEO - CERES/Terra Daytime Log Optical Depth RMS

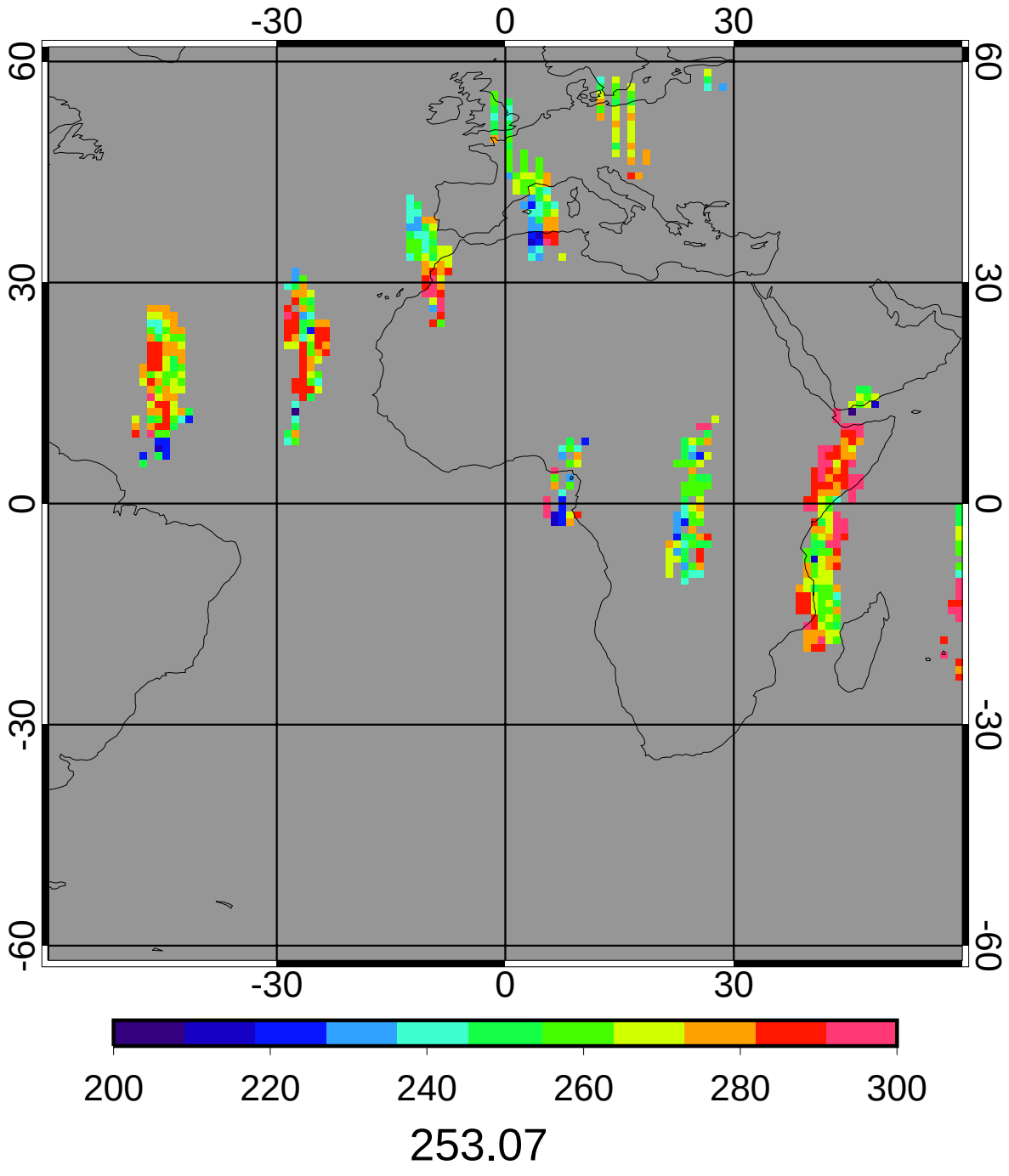
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.41	71.69%
domain rms	0.53	93.70%

GGEO MEAN Daytime Cloud Temperature (K)

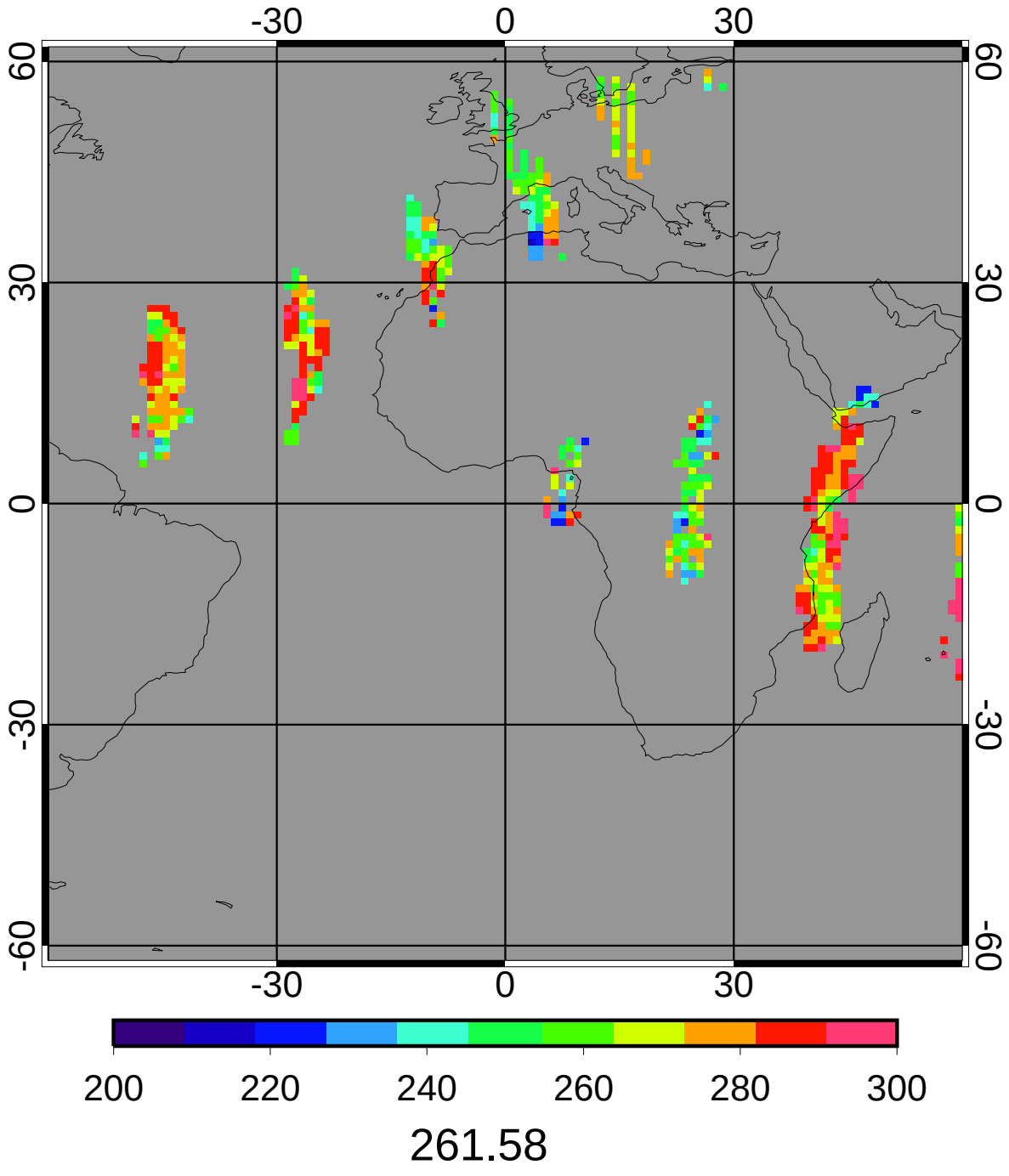
5ch Apr 2010 (matched angle) (lapse rate)



253.07

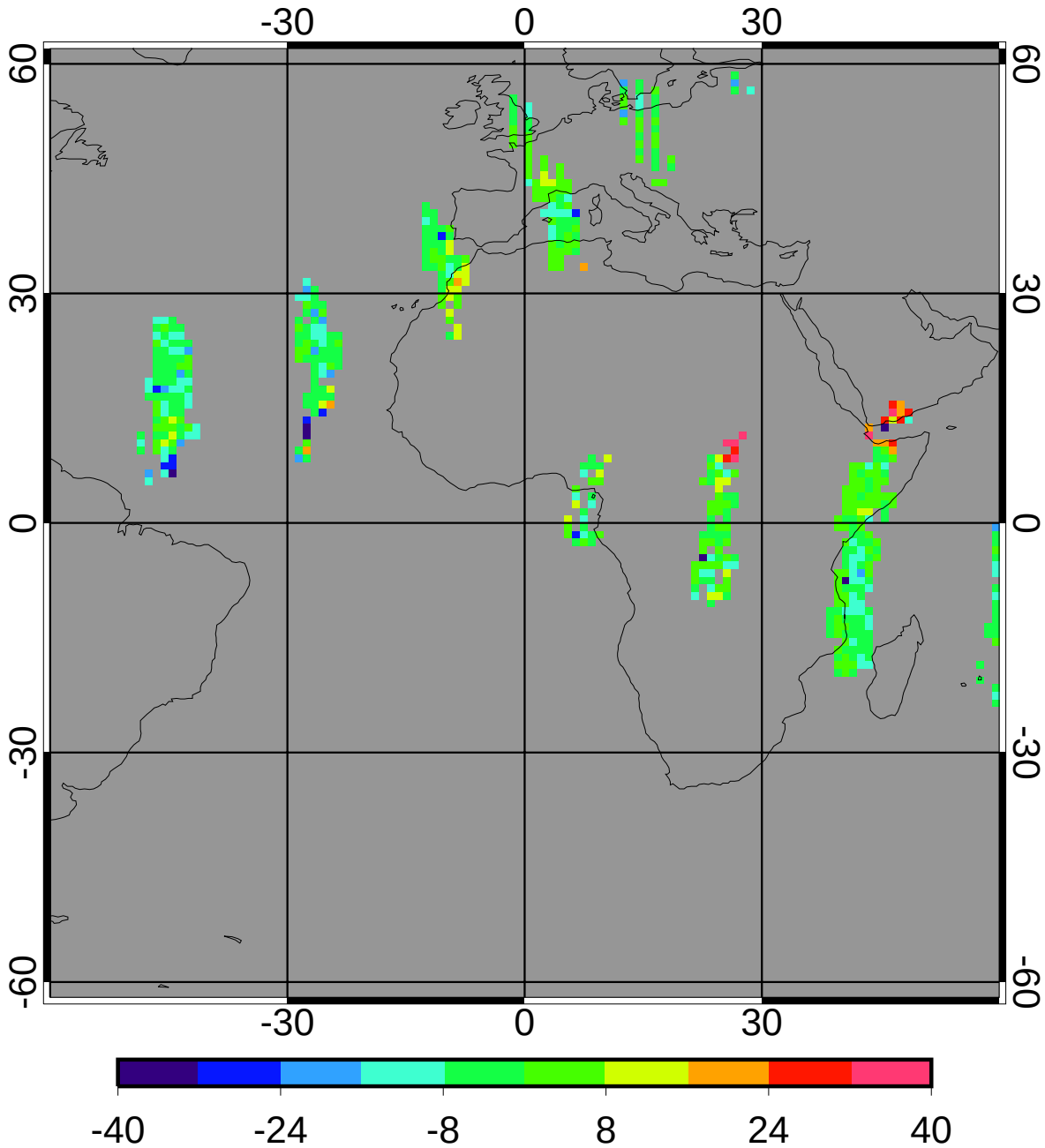
CERES/Terra MEAN Daytime Cloud Temperature (K)

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



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

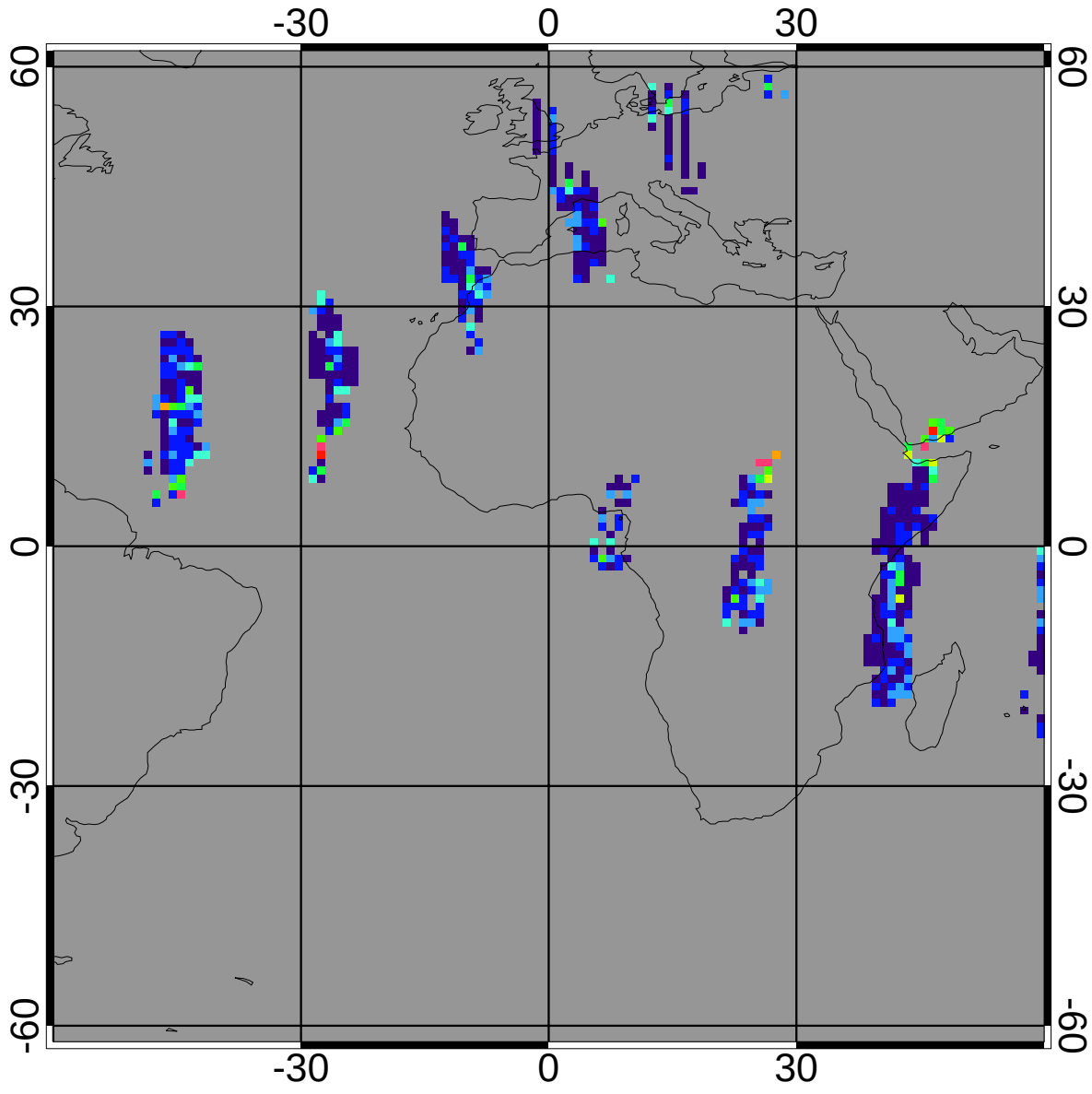
5ch Apr 2010 (matched angle) (lapse rate)



bias	-1.82	-0.70%
domain sigma	10.72	4.10%

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

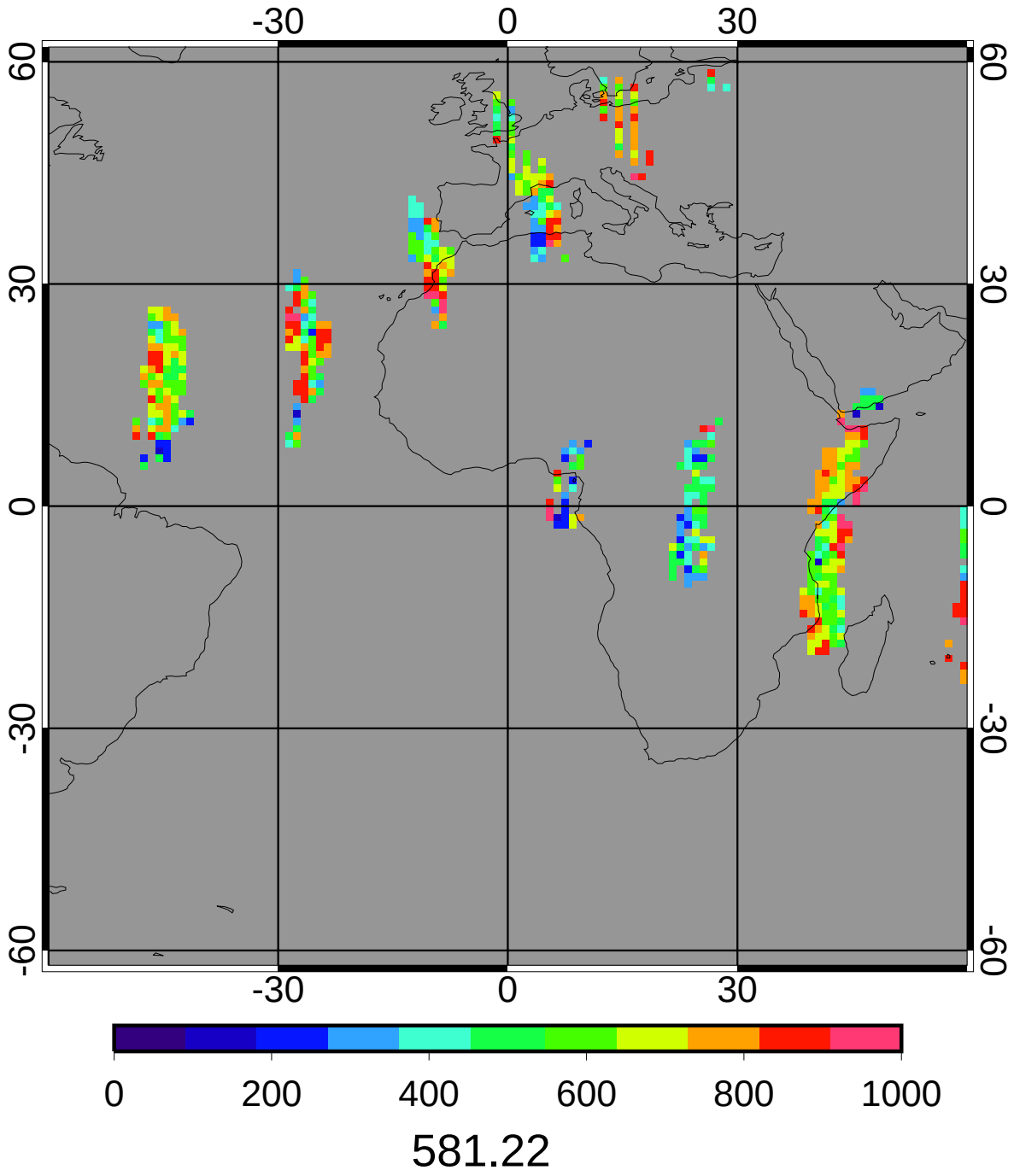
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	7.46	2.85%
domain rms	10.72	4.10%

GGEO MEAN Daytime Cloud Eff Pressure (mb)

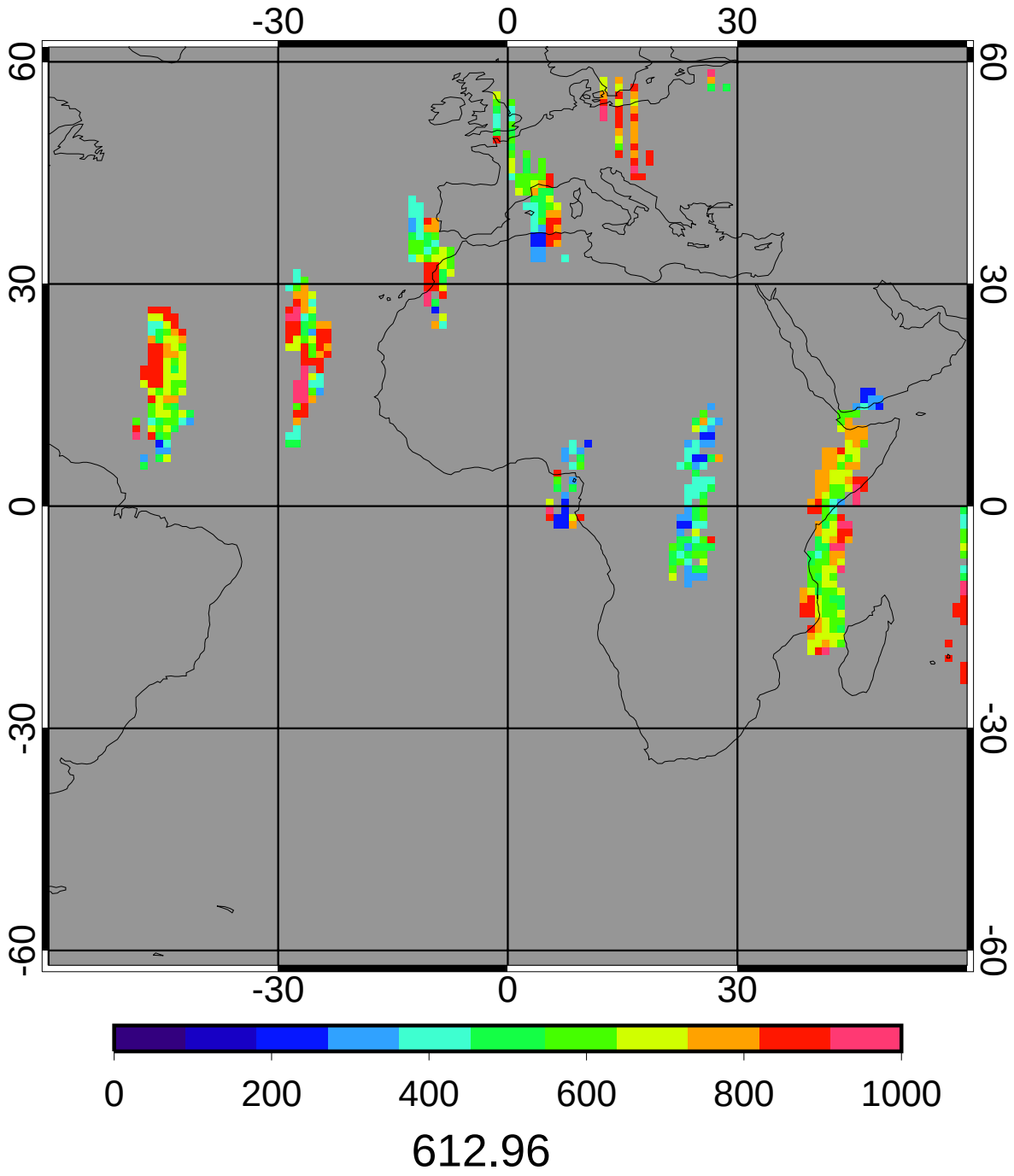
5ch Apr 2010 (matched angle) (lapse rate)



581.22

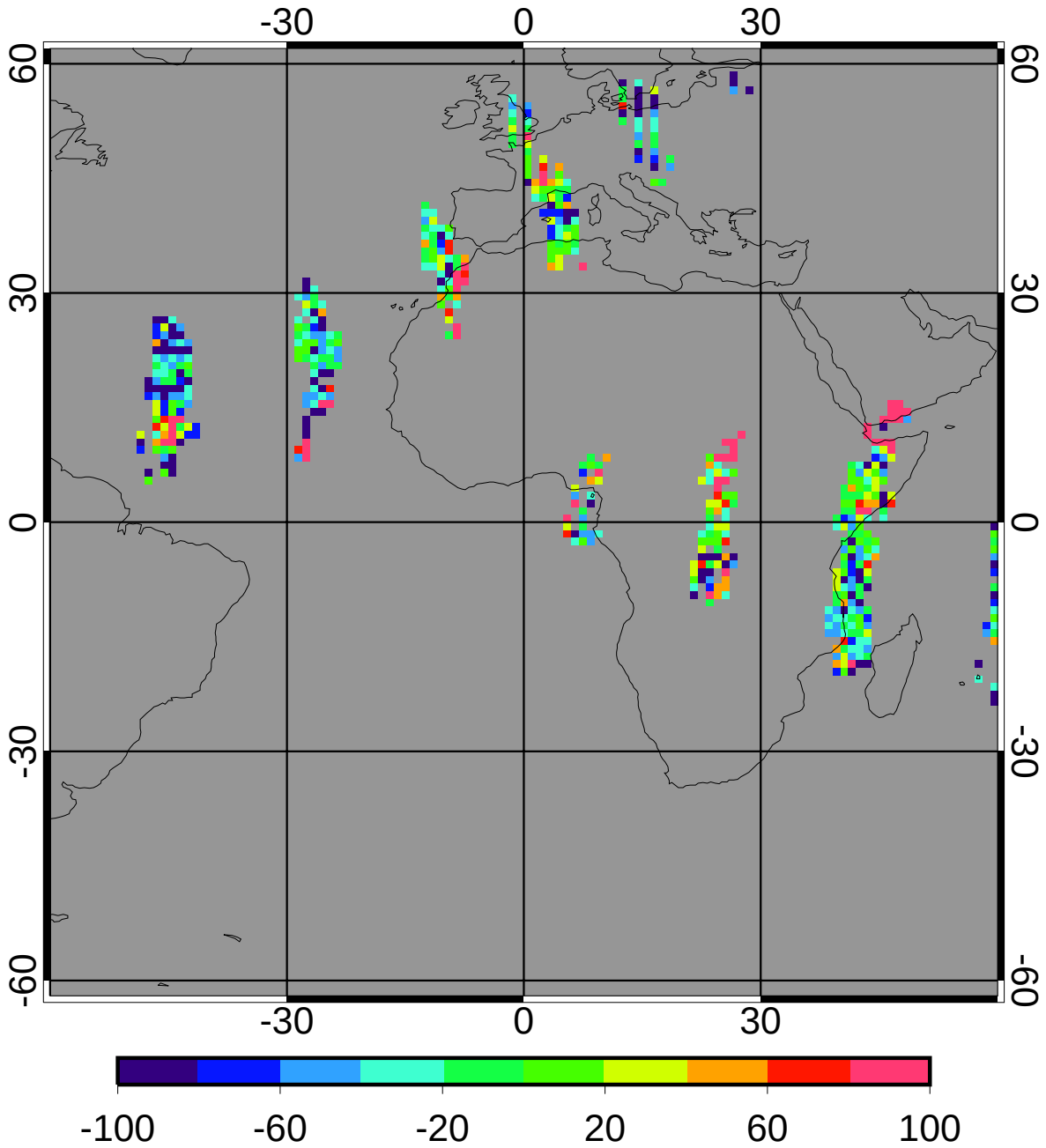
CERES/Terra MEAN Daytime Cloud Eff Pressure (mb)

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



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

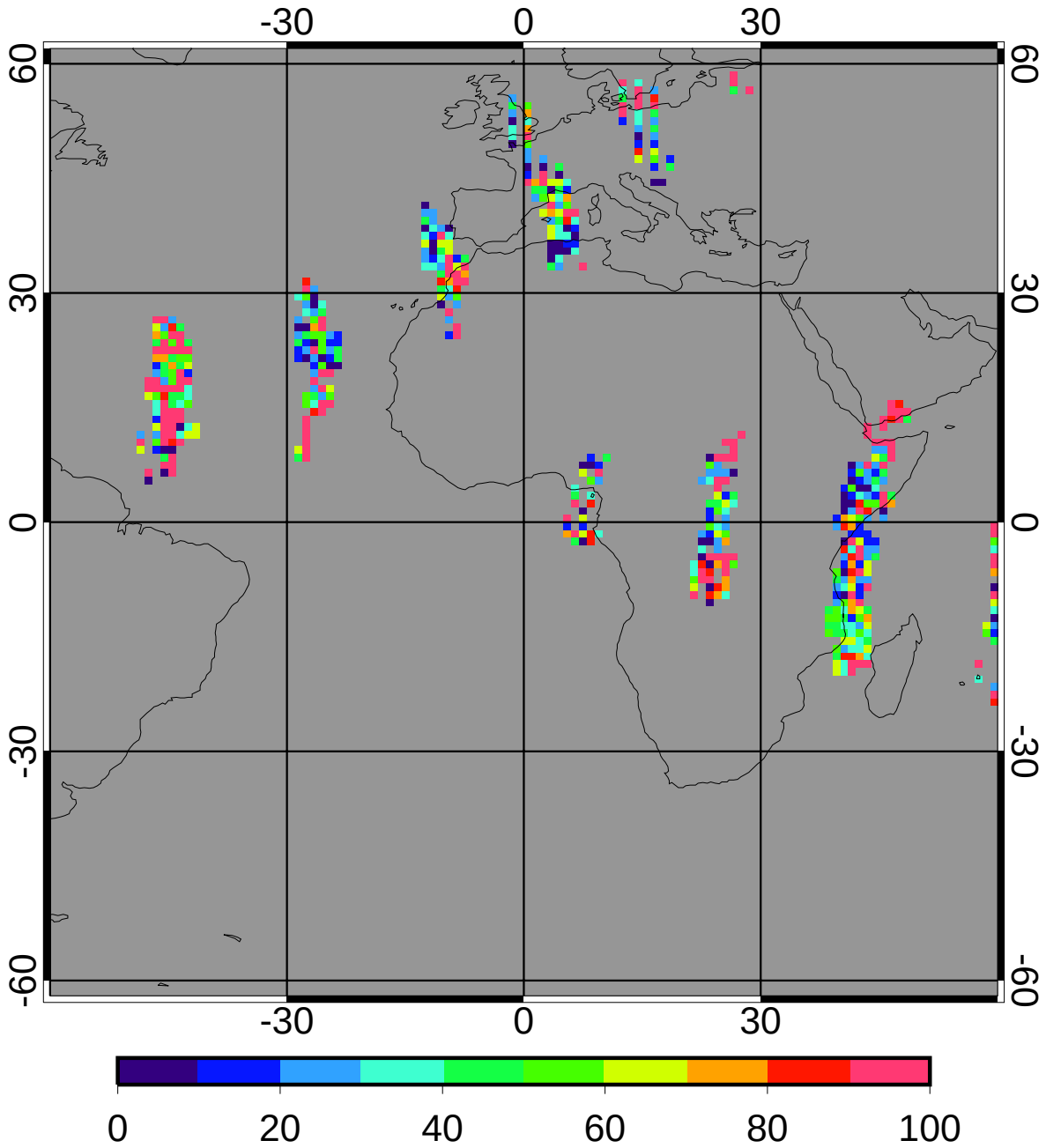
5ch Apr 2010 (matched angle) (lapse rate)



bias	-15.95	-2.60%
domain sigma	91.66	14.95%

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

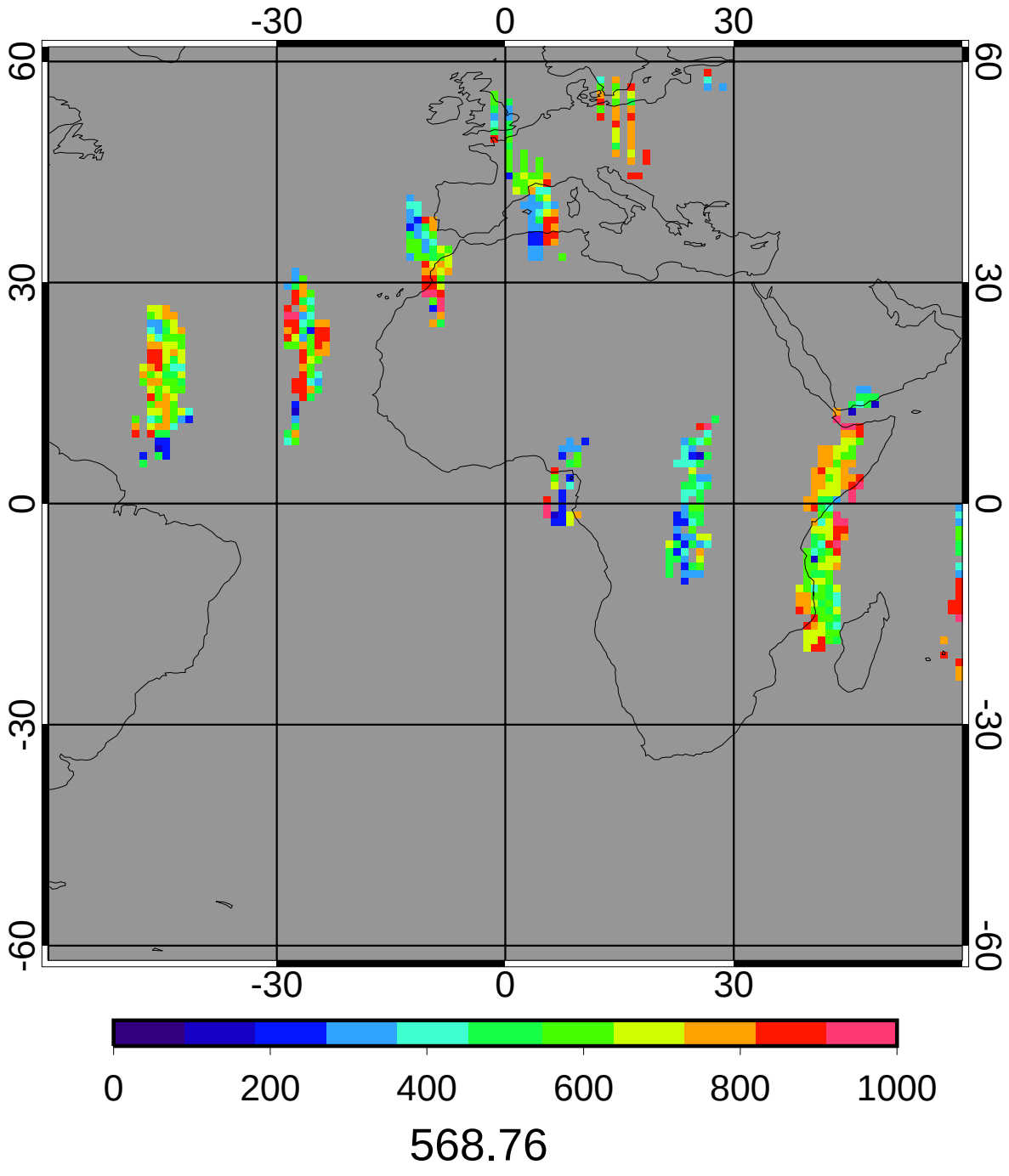
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	67.42	11.00%
domain rms	95.76	15.62%

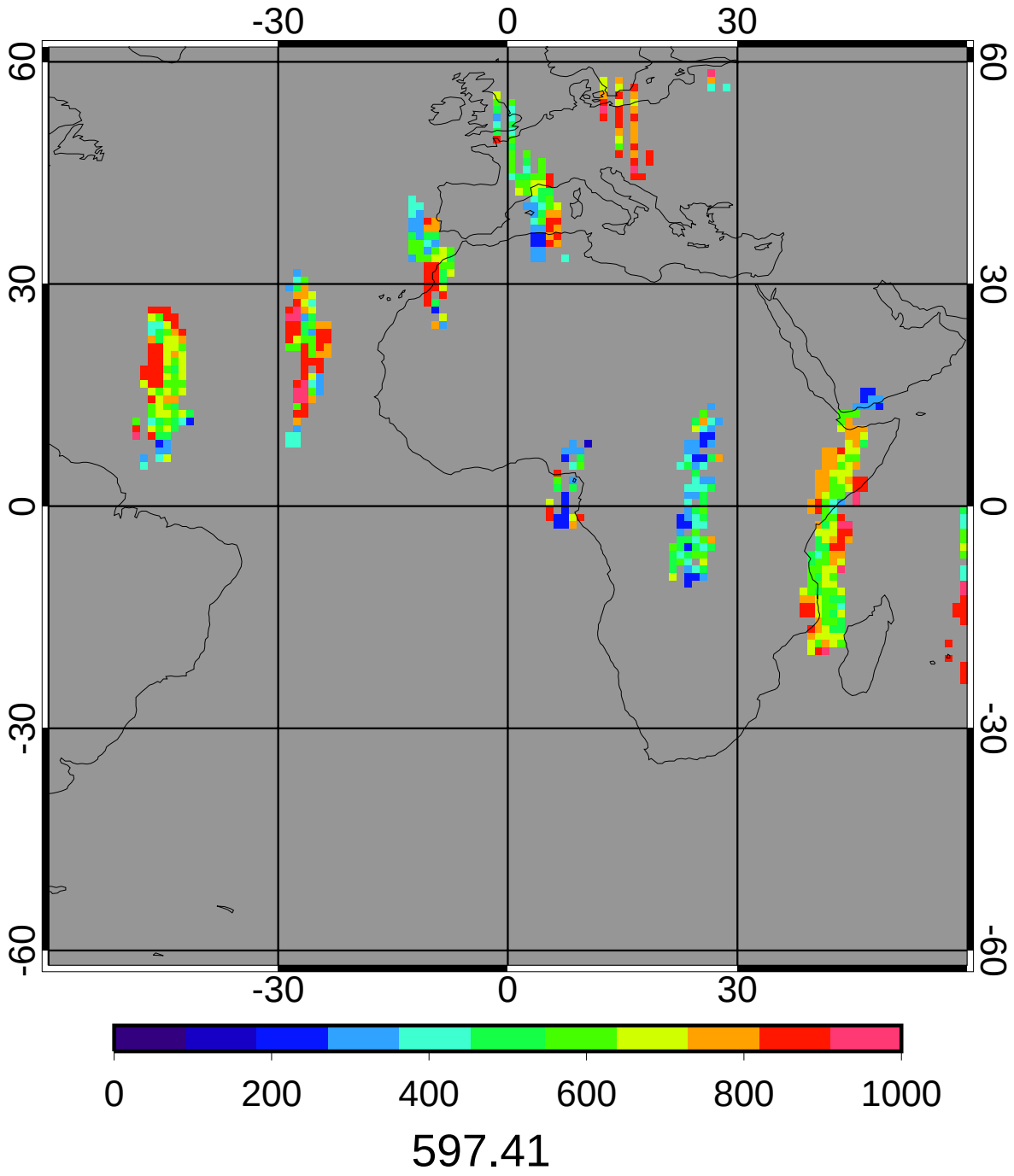
GGEO MEAN Daytime Cloud Top Pressure (mb)

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



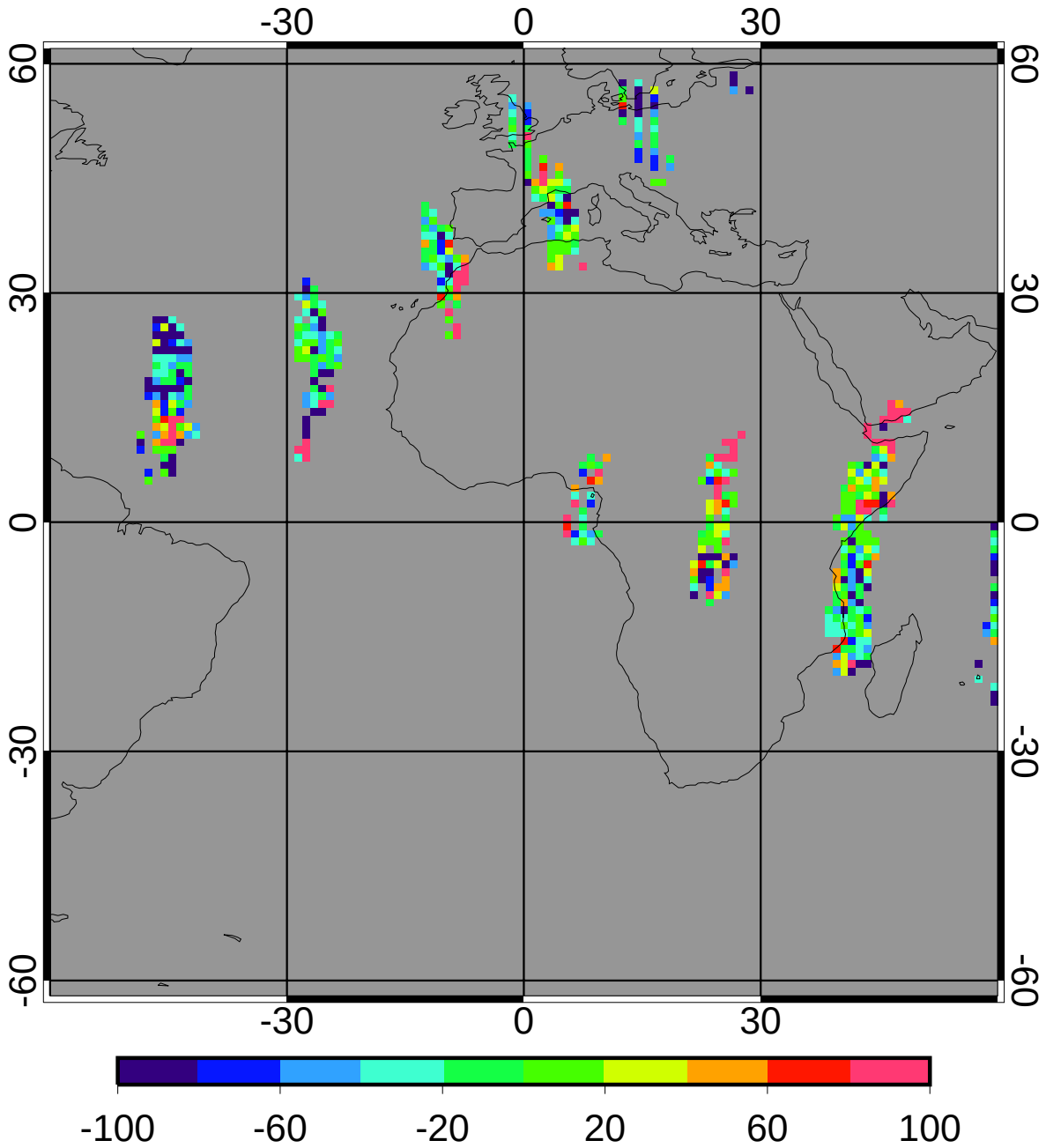
CERES/Terra MEAN Daytime Cloud Top Pressure (mb)

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



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

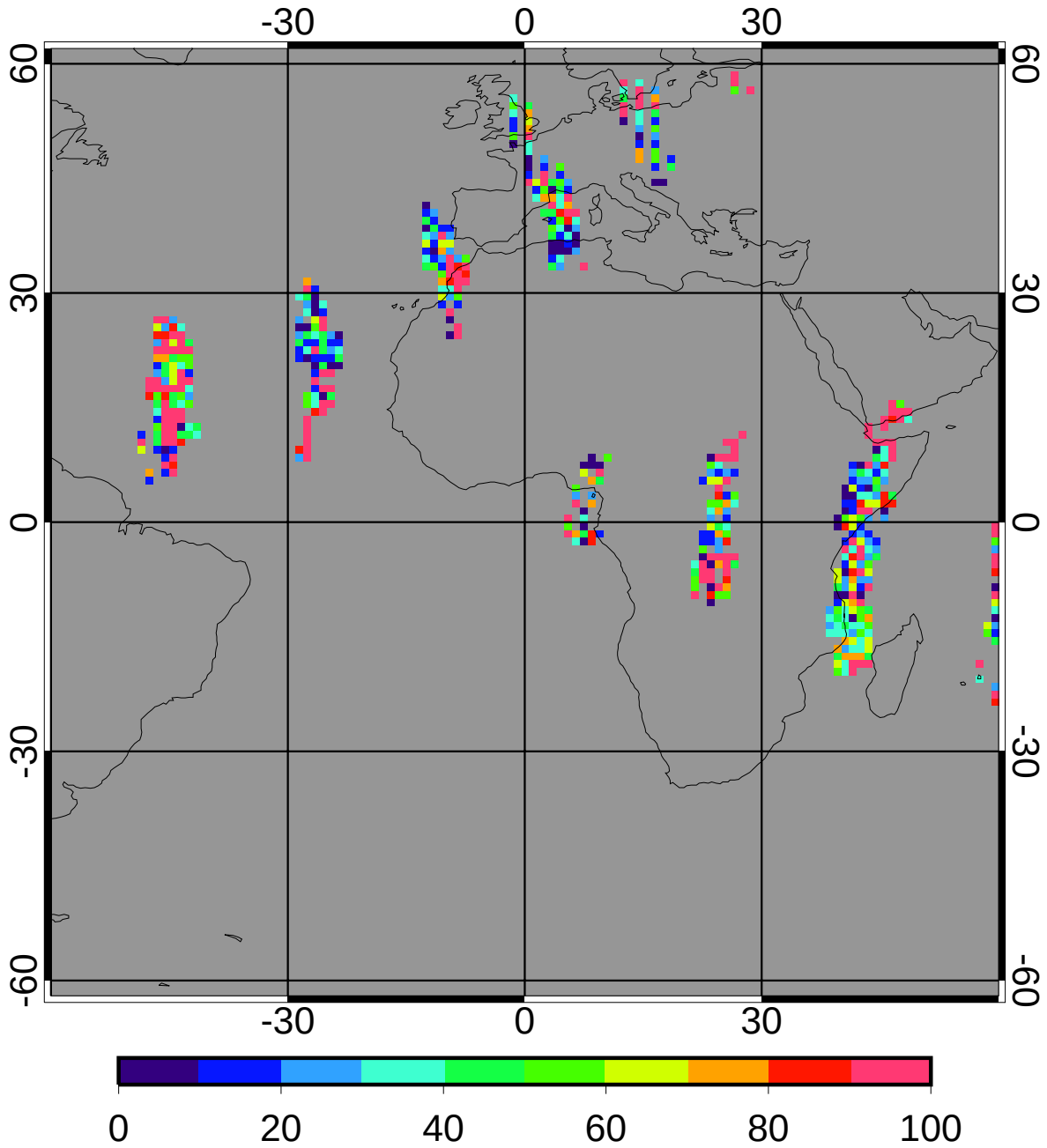
5ch Apr 2010 (matched angle) (lapse rate)



bias	-13.00	-2.18%
domain sigma	94.69	15.85%

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

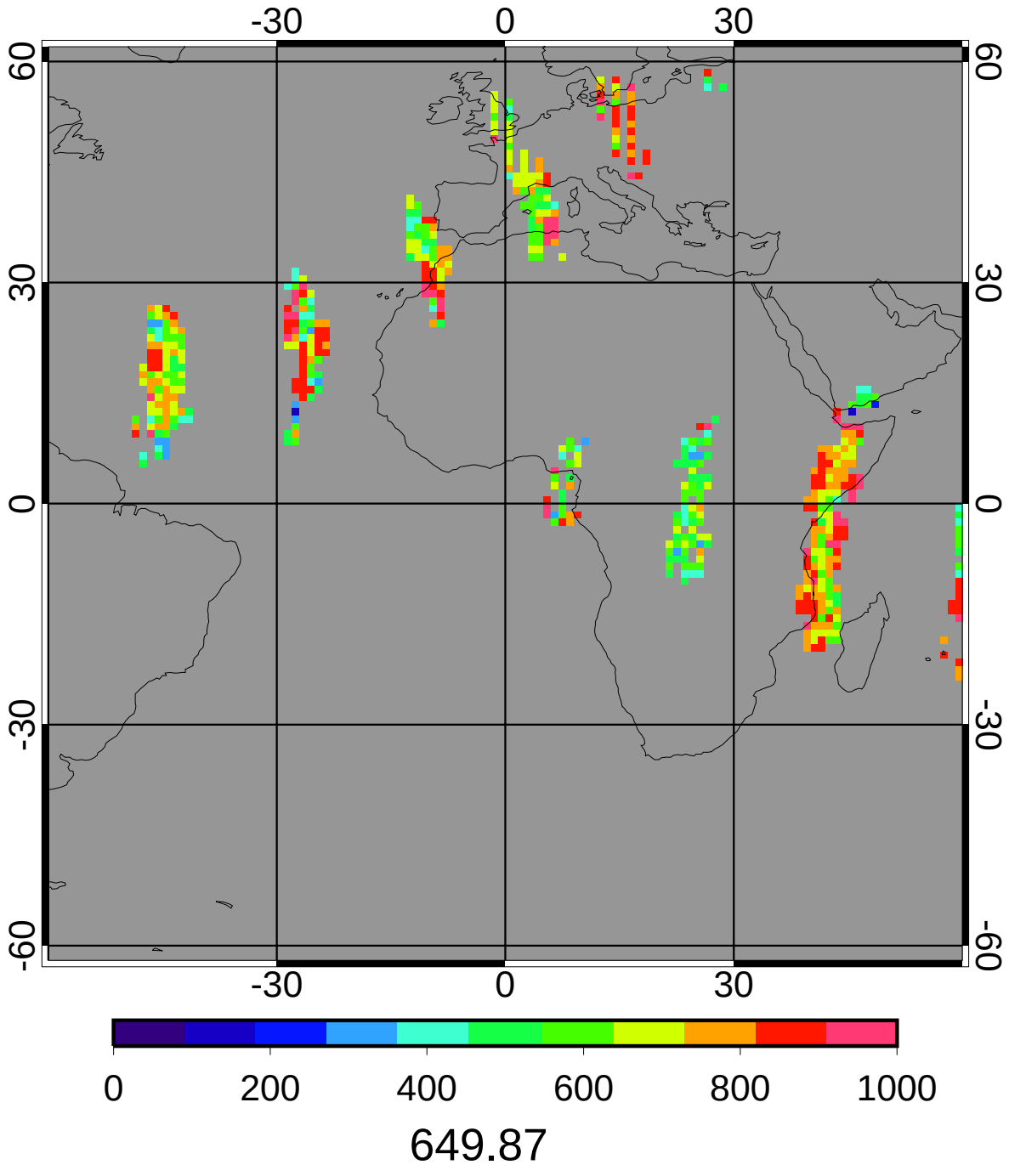
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	68.71	11.50%
domain rms	98.76	16.53%

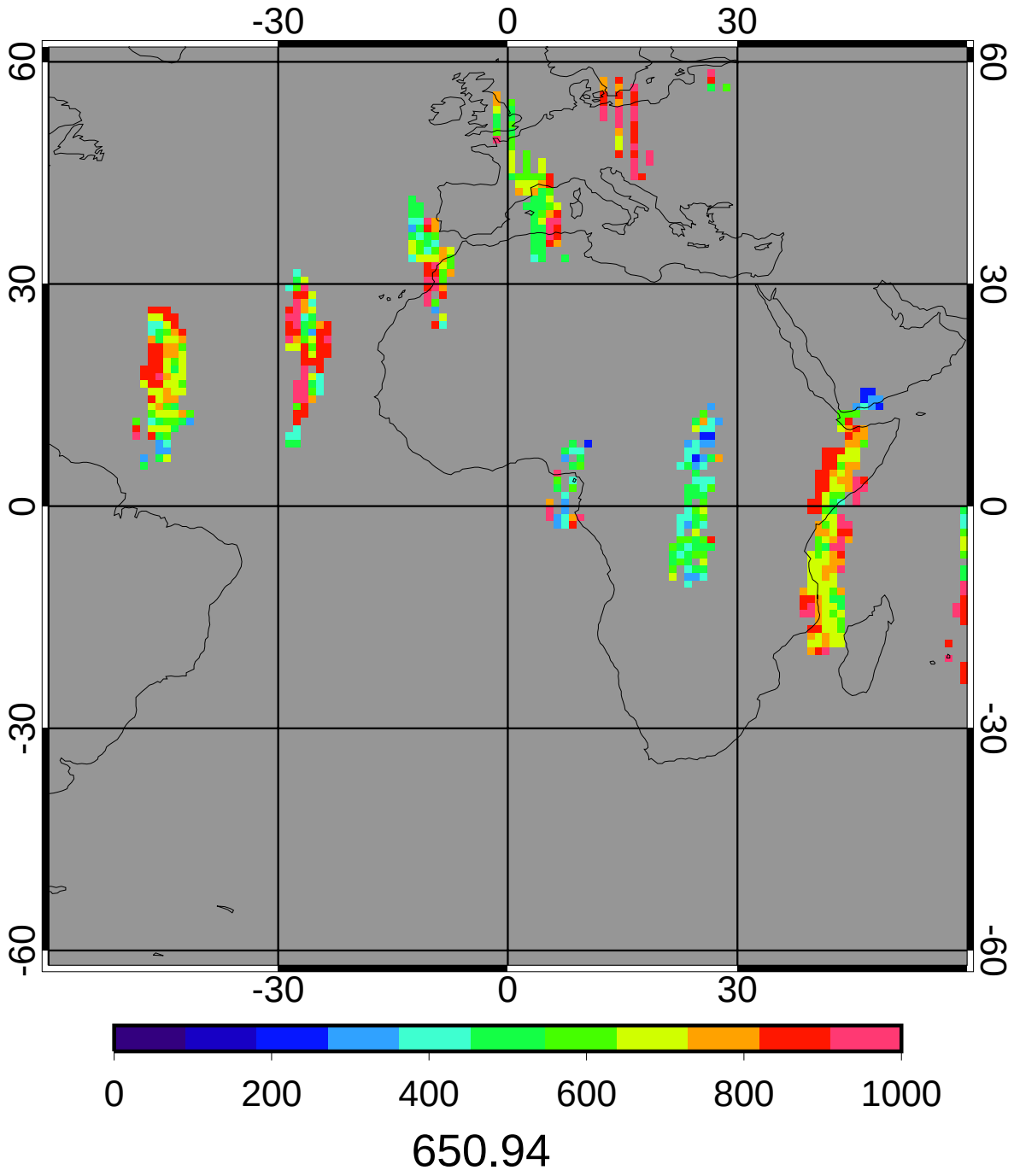
GGEO MEAN Daytime Cloud Base Pressure (mb)

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



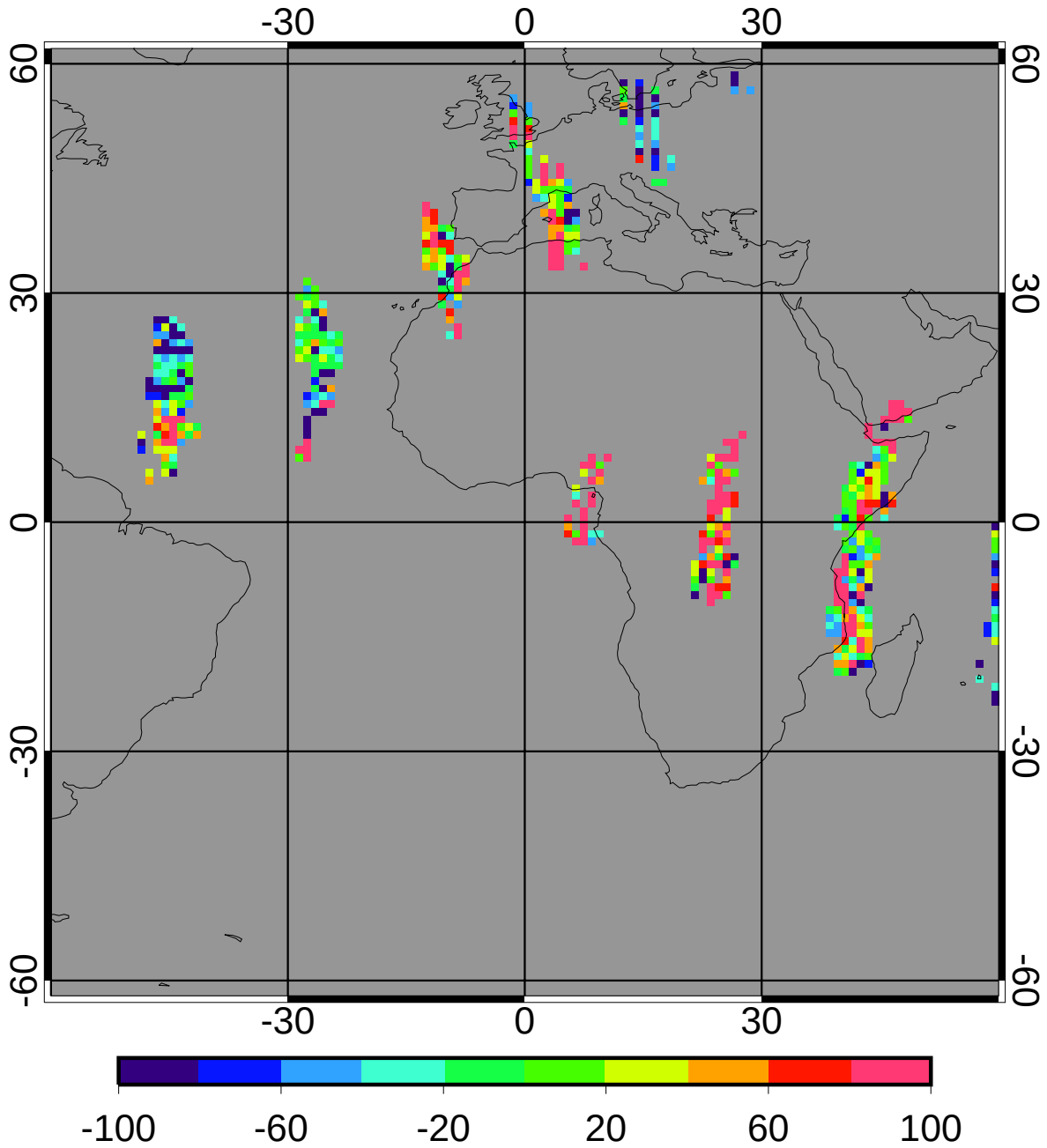
CERES/Terra MEAN Daytime Cloud Base Pressure (mb)

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



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

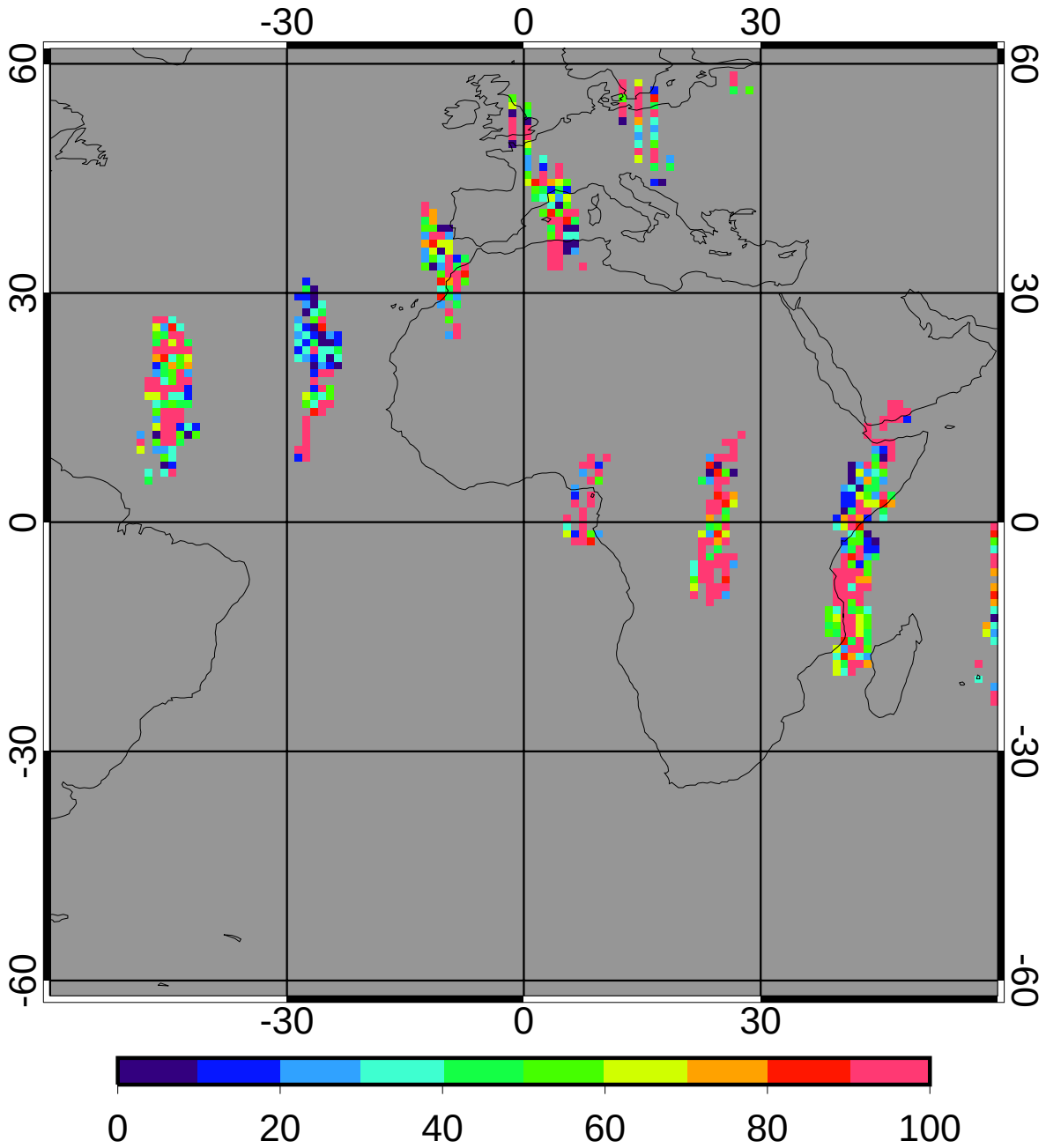
5ch Apr 2010 (matched angle) (lapse rate)



bias	15.02	2.31%
domain sigma	101.34	15.57%

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

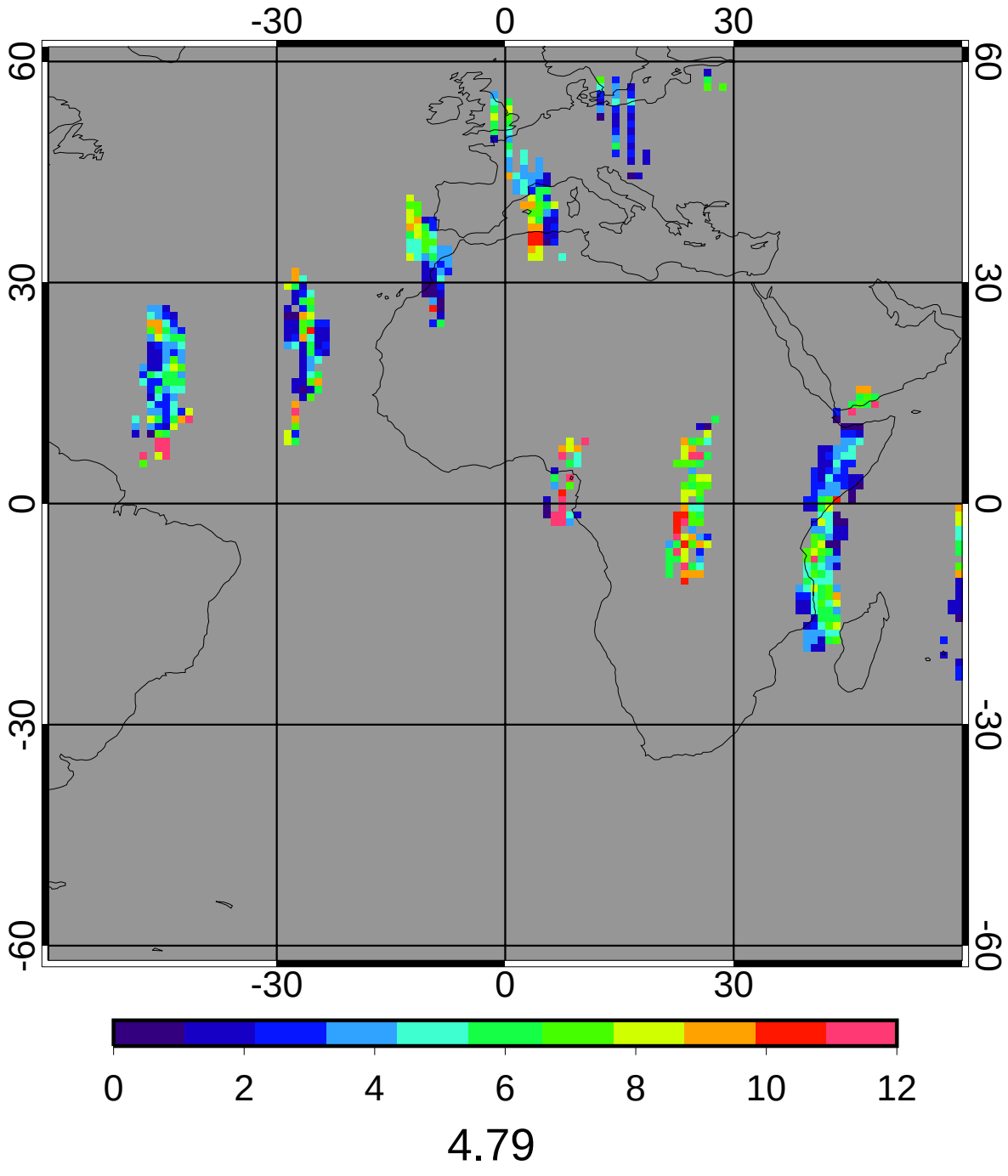
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	85.48	13.13%
domain rms	116.48	17.89%

GGEO MEAN Daytime Cloud Eff Height (km)

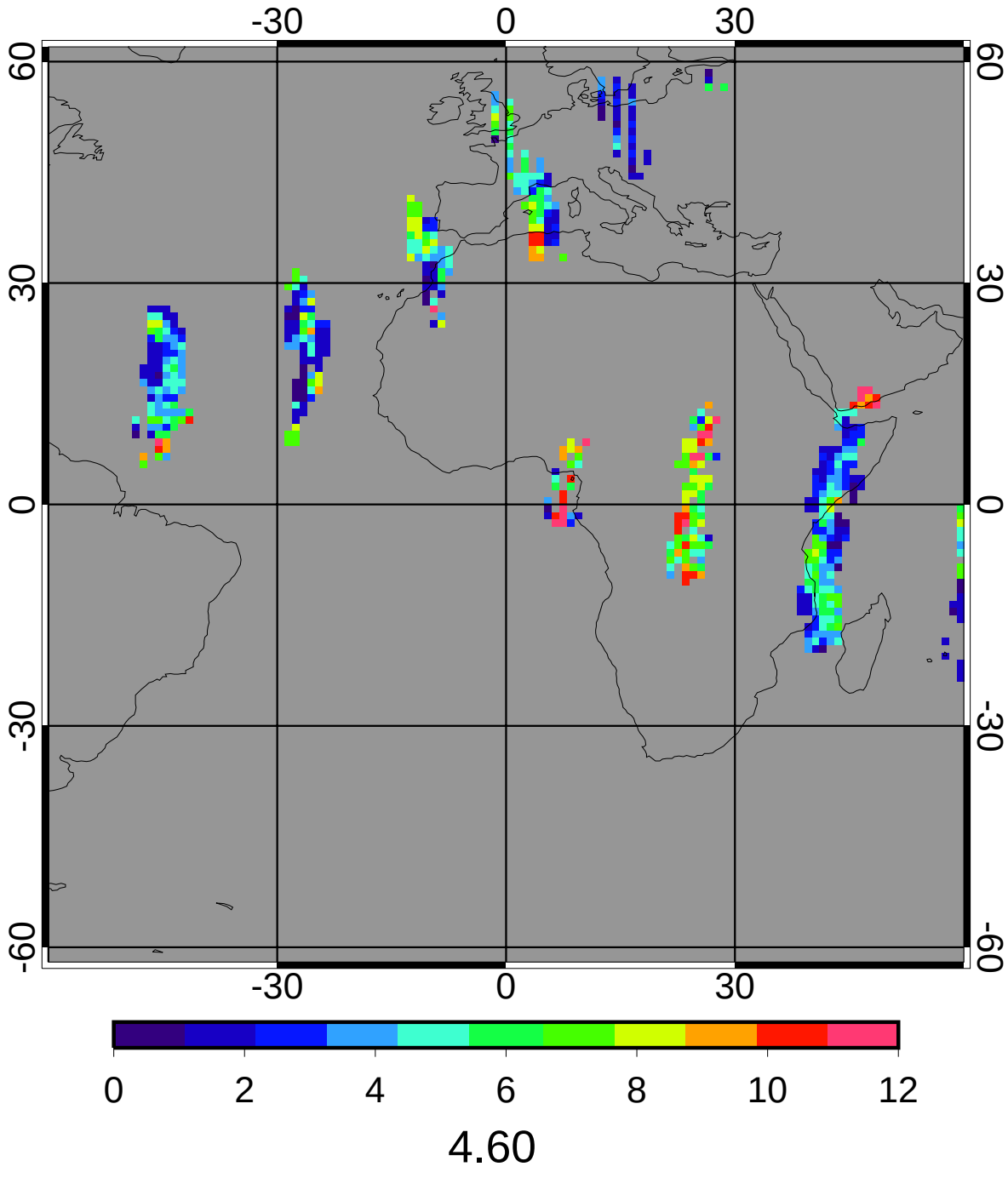
5ch Apr 2010 (matched angle) (lapse rate)



4.79

CERES/Terra MEAN Daytime Cloud Eff Height (km)

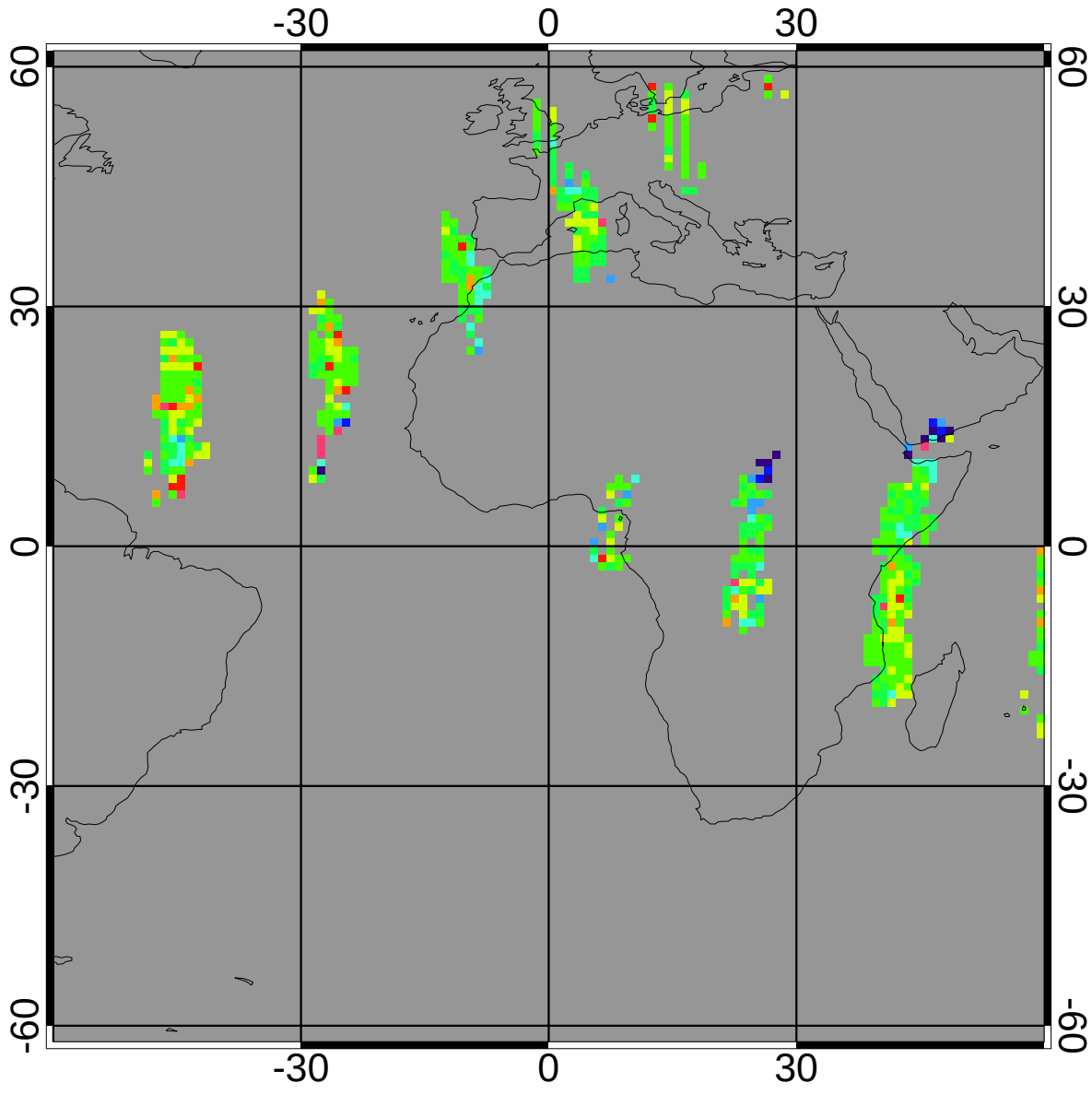
5ch Apr 2010 (matched angle) (lapse rate)



4.60

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

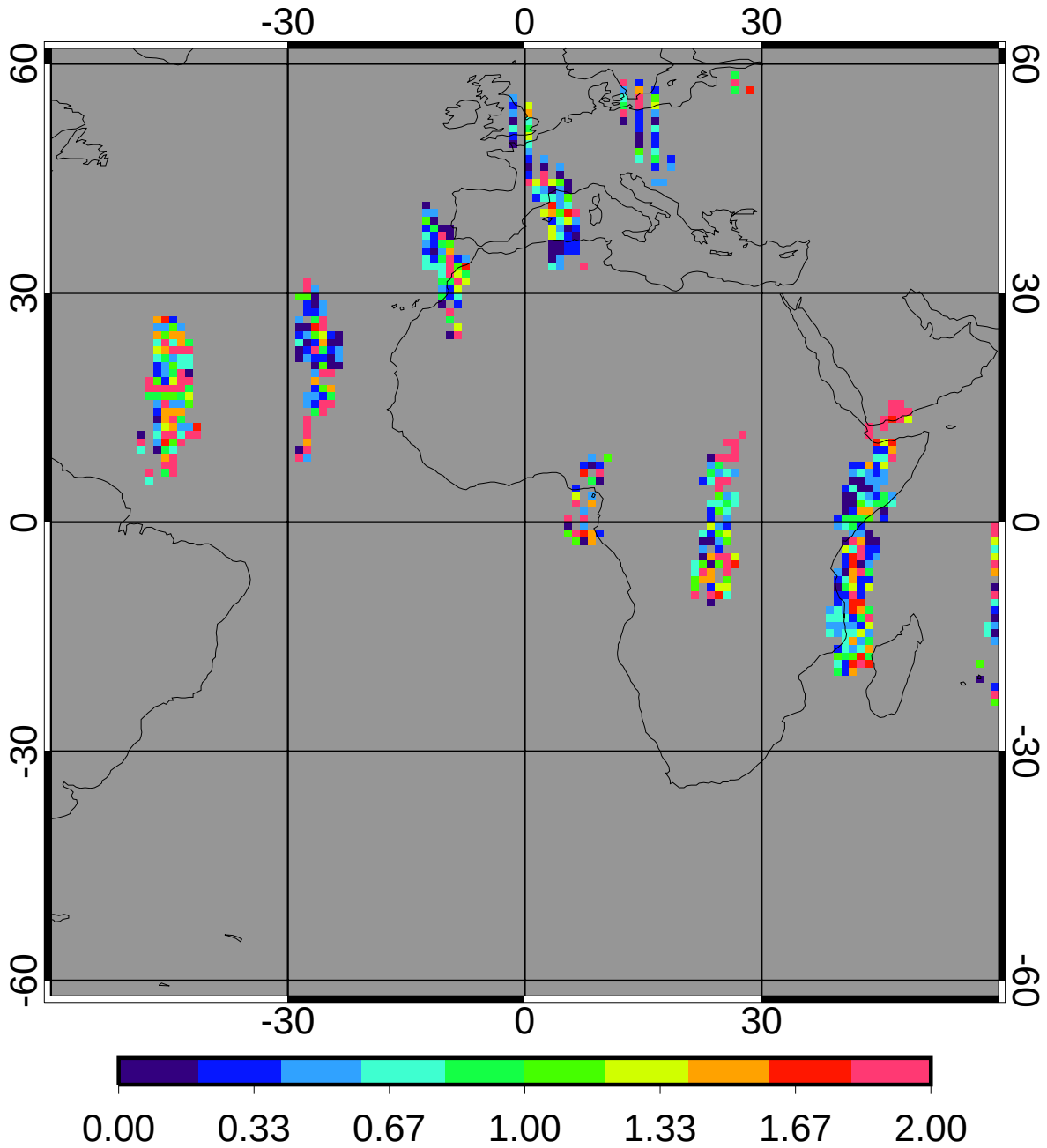
5ch Apr 2010 (matched angle) (lapse rate)



bias	0.31	6.69%
domain sigma	1.56	33.85%

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

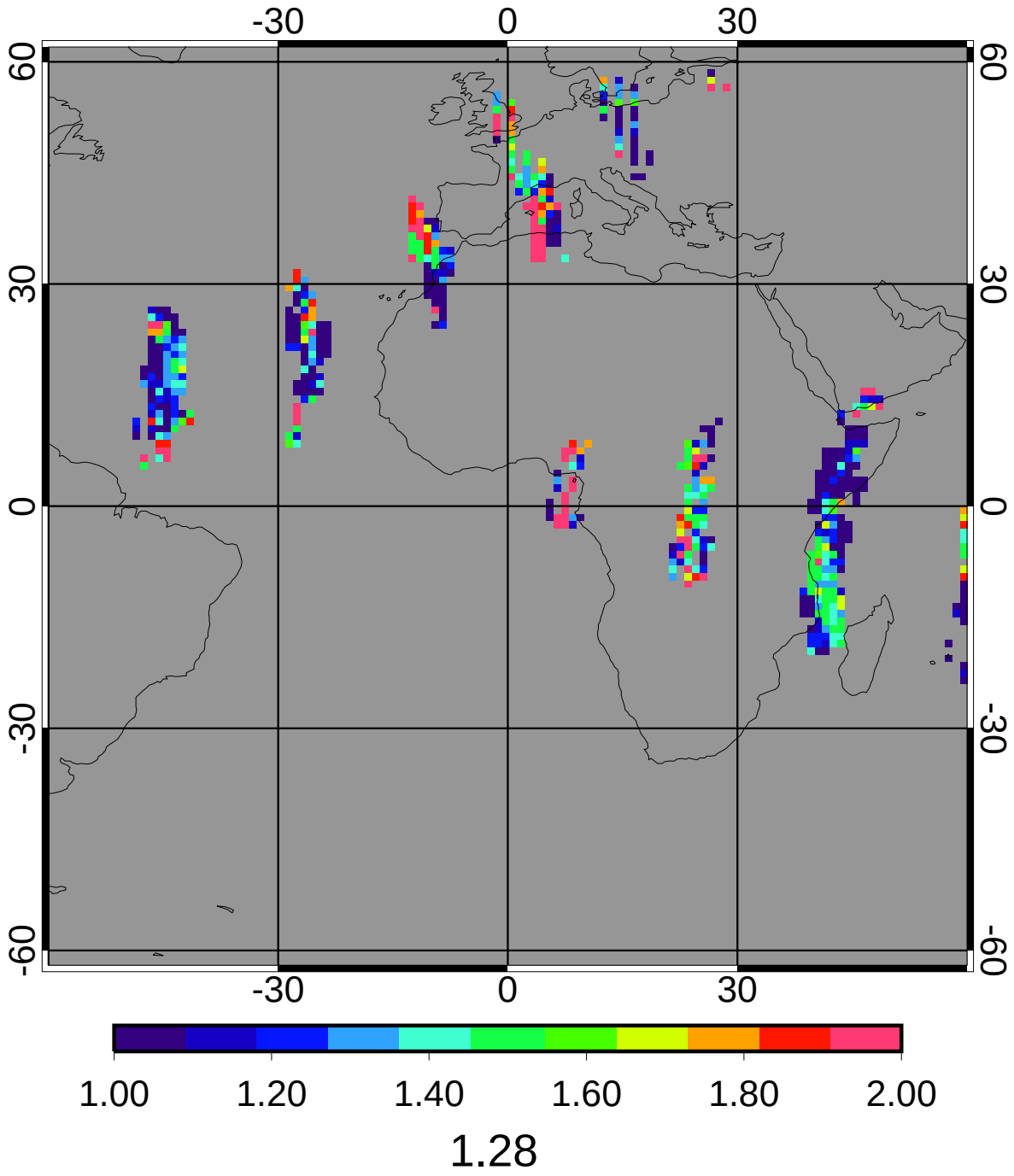
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	1.10	23.81%
domain rms	1.58	34.39%

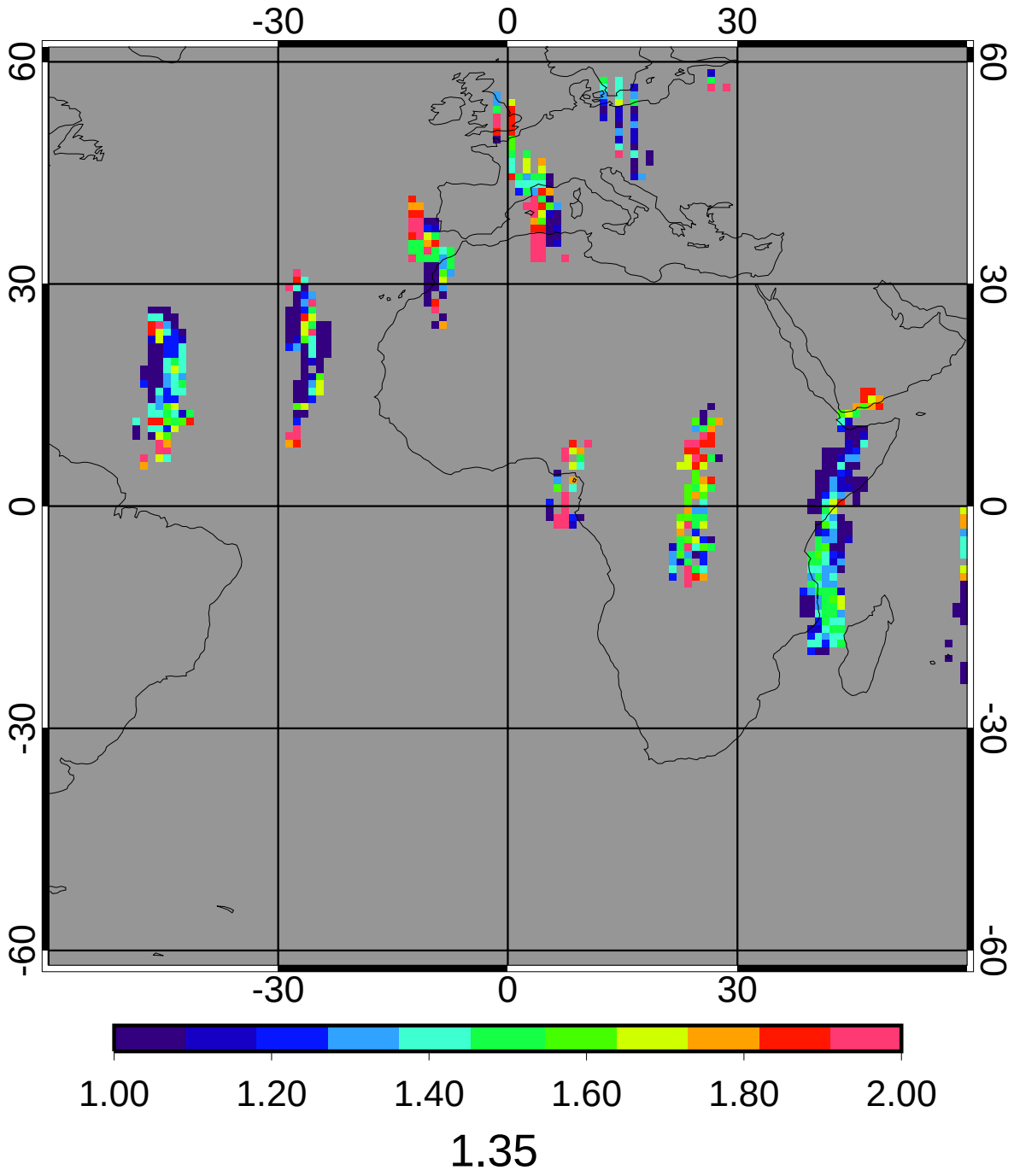
GGEO MEAN Daytime Cloud Phase

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



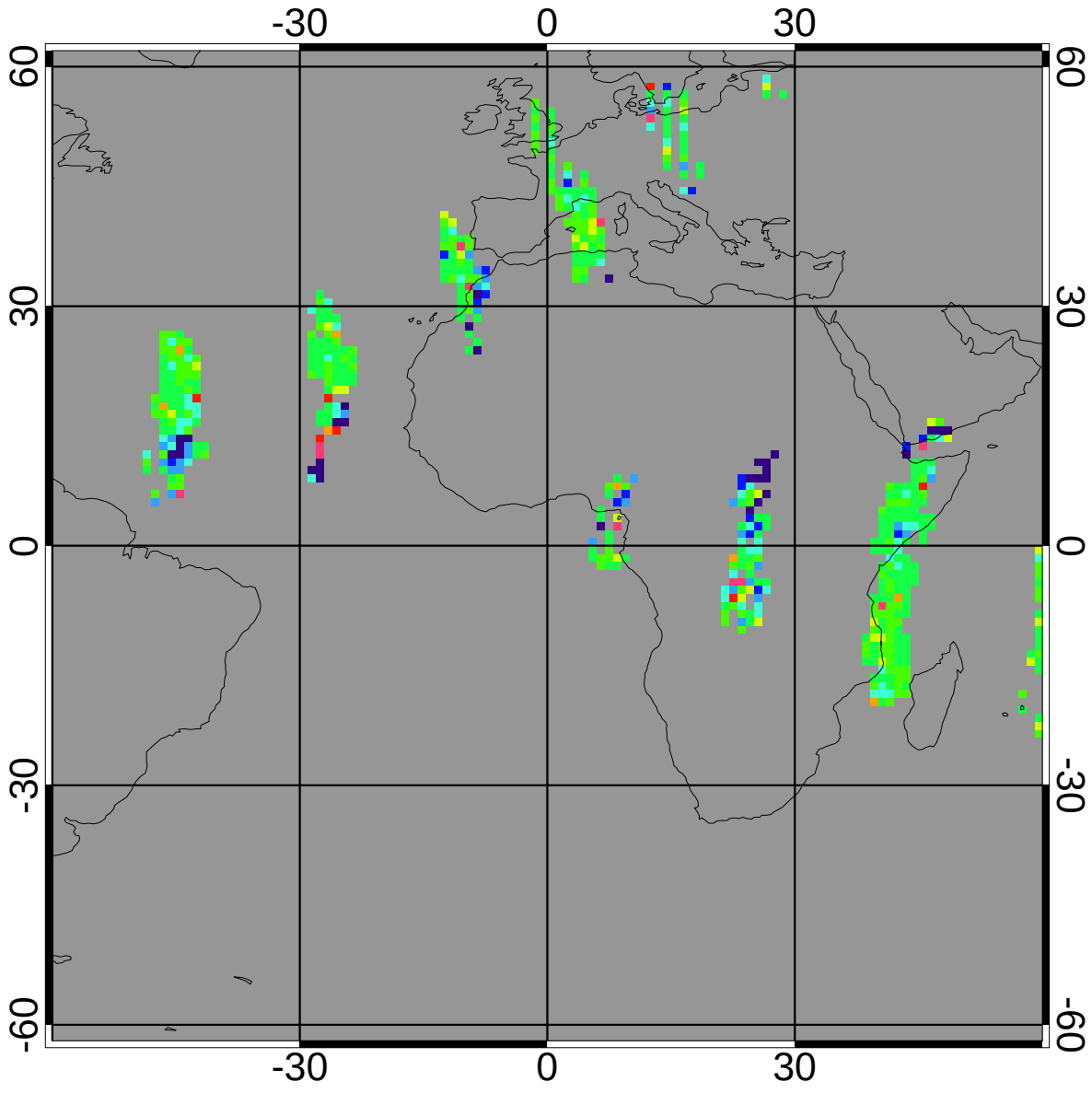
CERES/Terra MEAN Daytime Cloud Phase

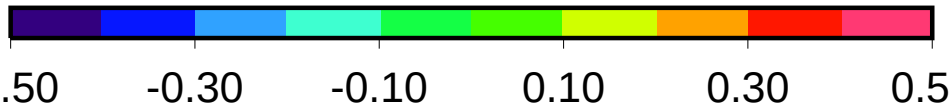
5ch Apr 2010 (matched angle) (lapse rate)



GGEO - CERES/Terra Daytime Cloud Phase Bias

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

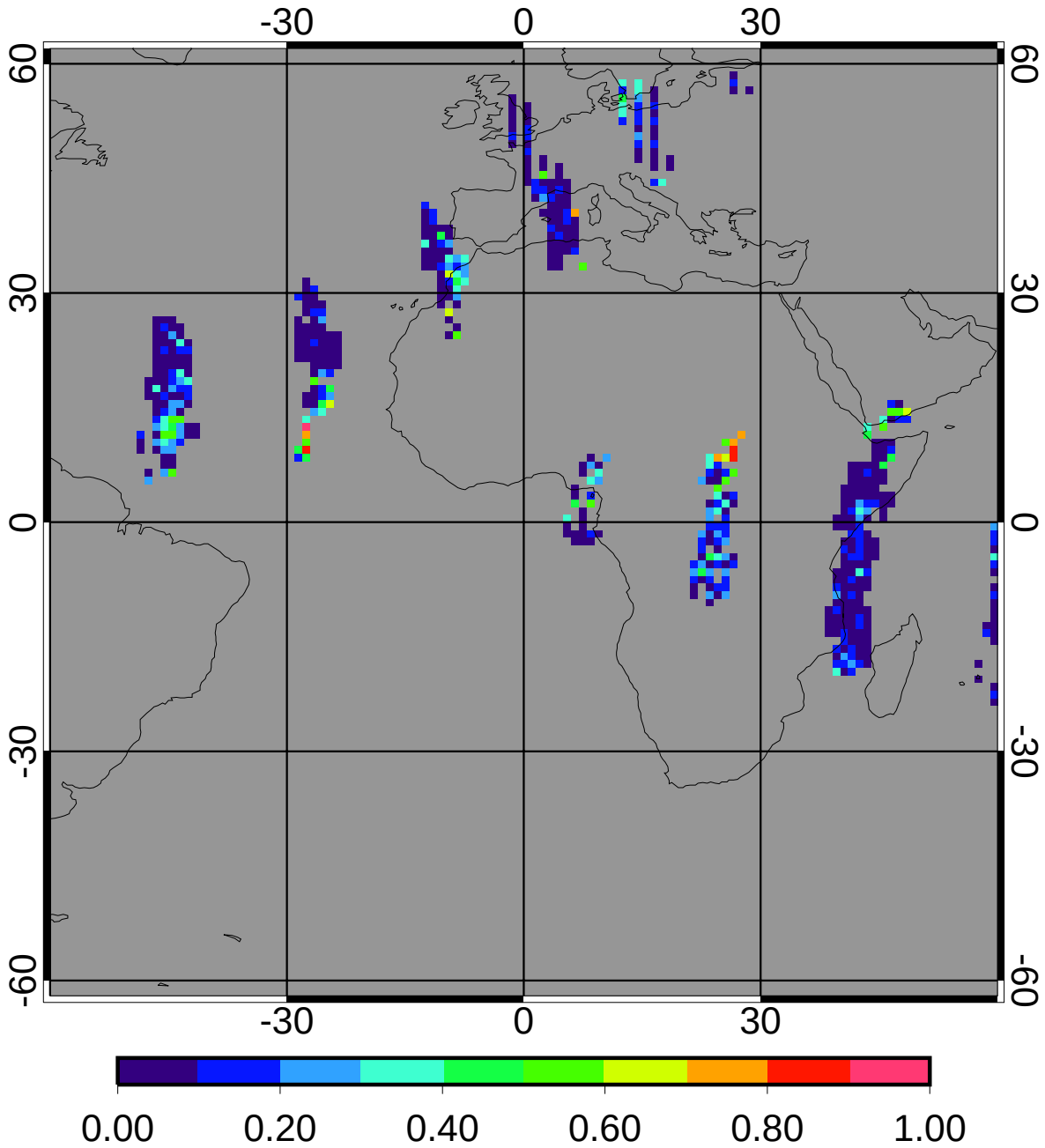




bias	-0.04	-3.29%
domain sigma	0.18	13.41%

GGEO - CERES/Terra Daytime Cloud Phase RMS

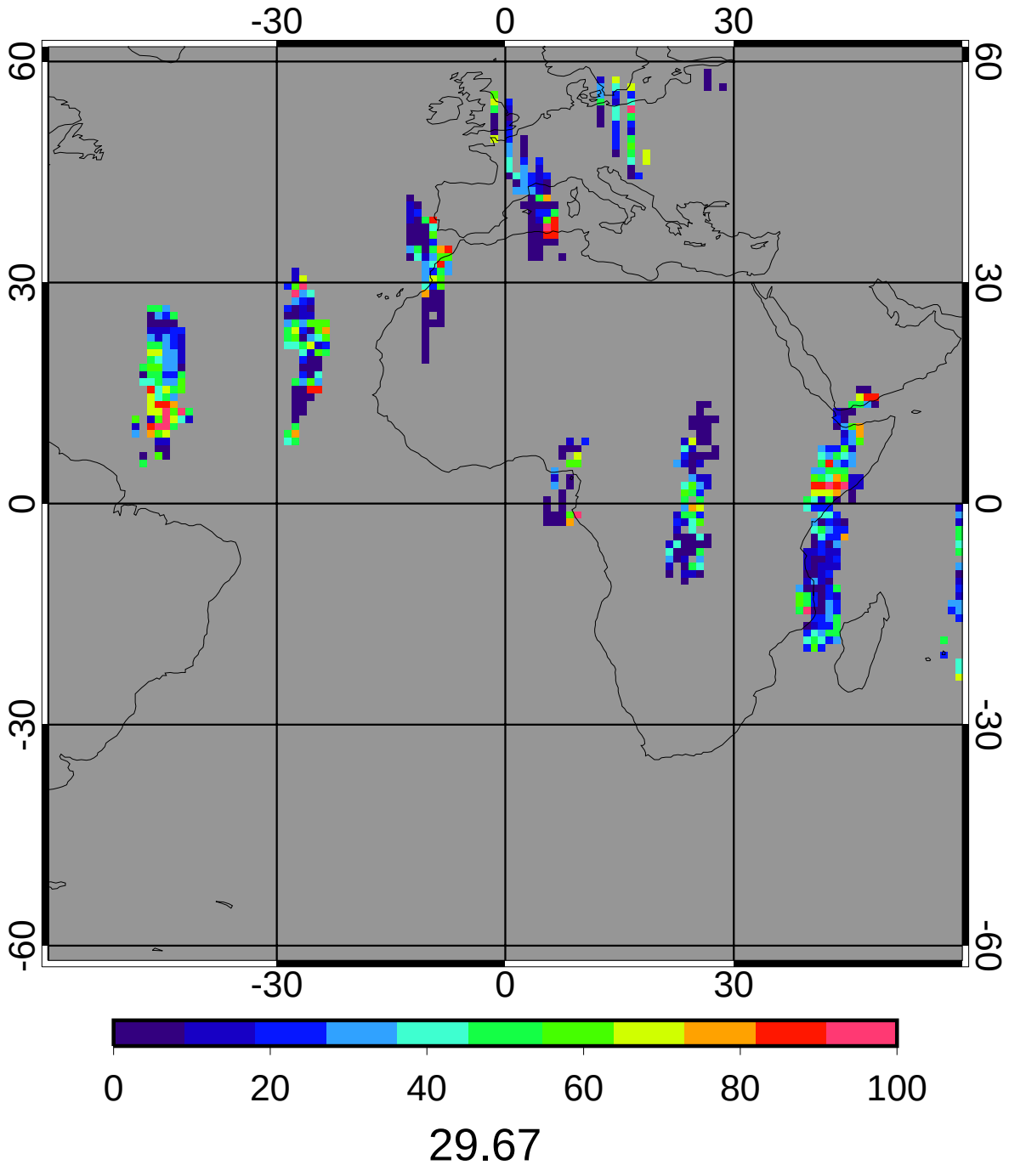
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.12	9.20%
domain rms	0.19	13.90%

GGEO MEAN Daytime Liquid Cld Amt (%)

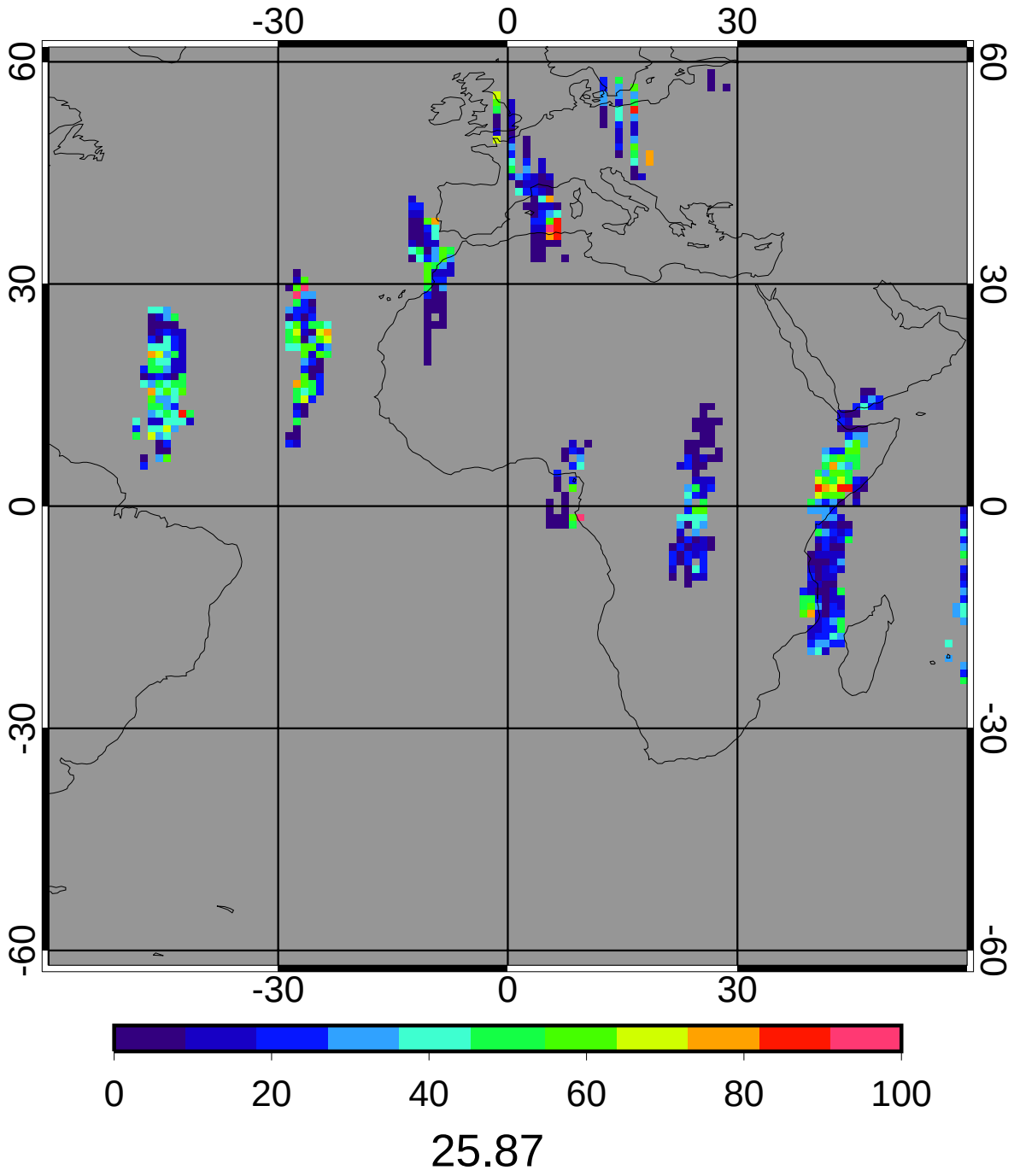
5ch Apr 2010 (matched angle) (lapse rate)



29.67

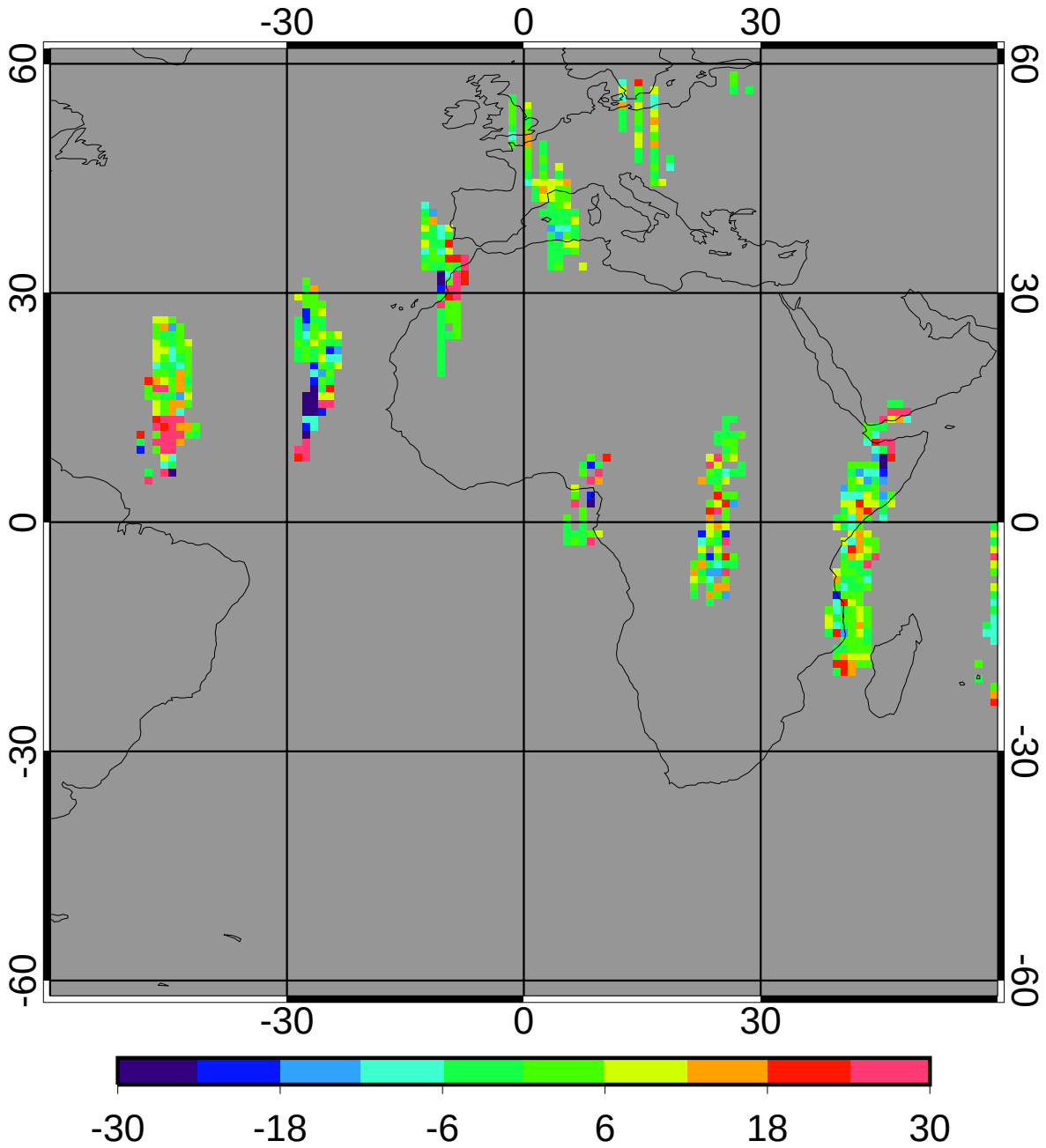
CERES/Terra MEAN Daytime Liquid Cld Amt (%)

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



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

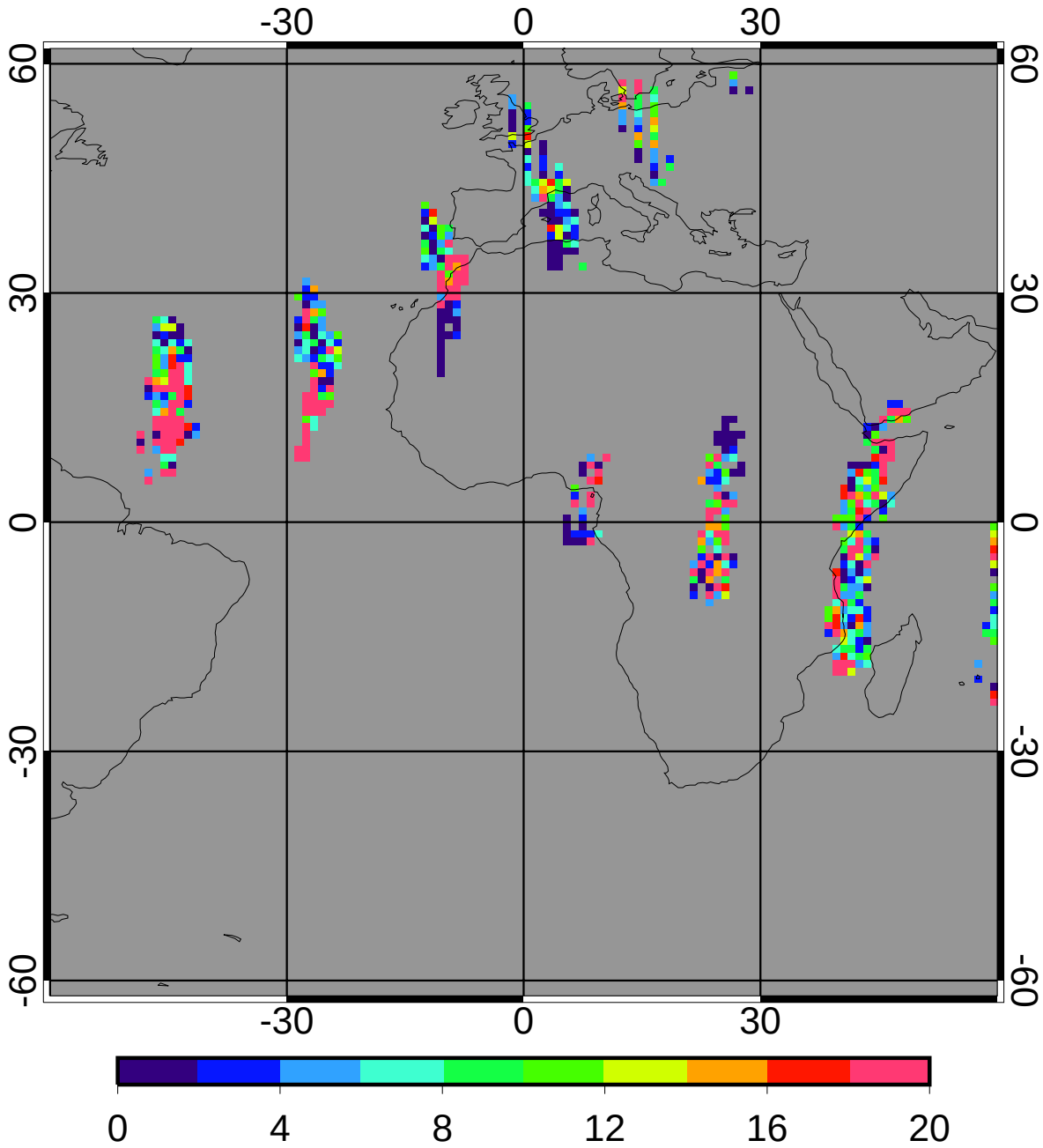
5ch Apr 2010 (matched angle) (lapse rate)



bias	3.80	14.68%
domain sigma	14.83	57.34%

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

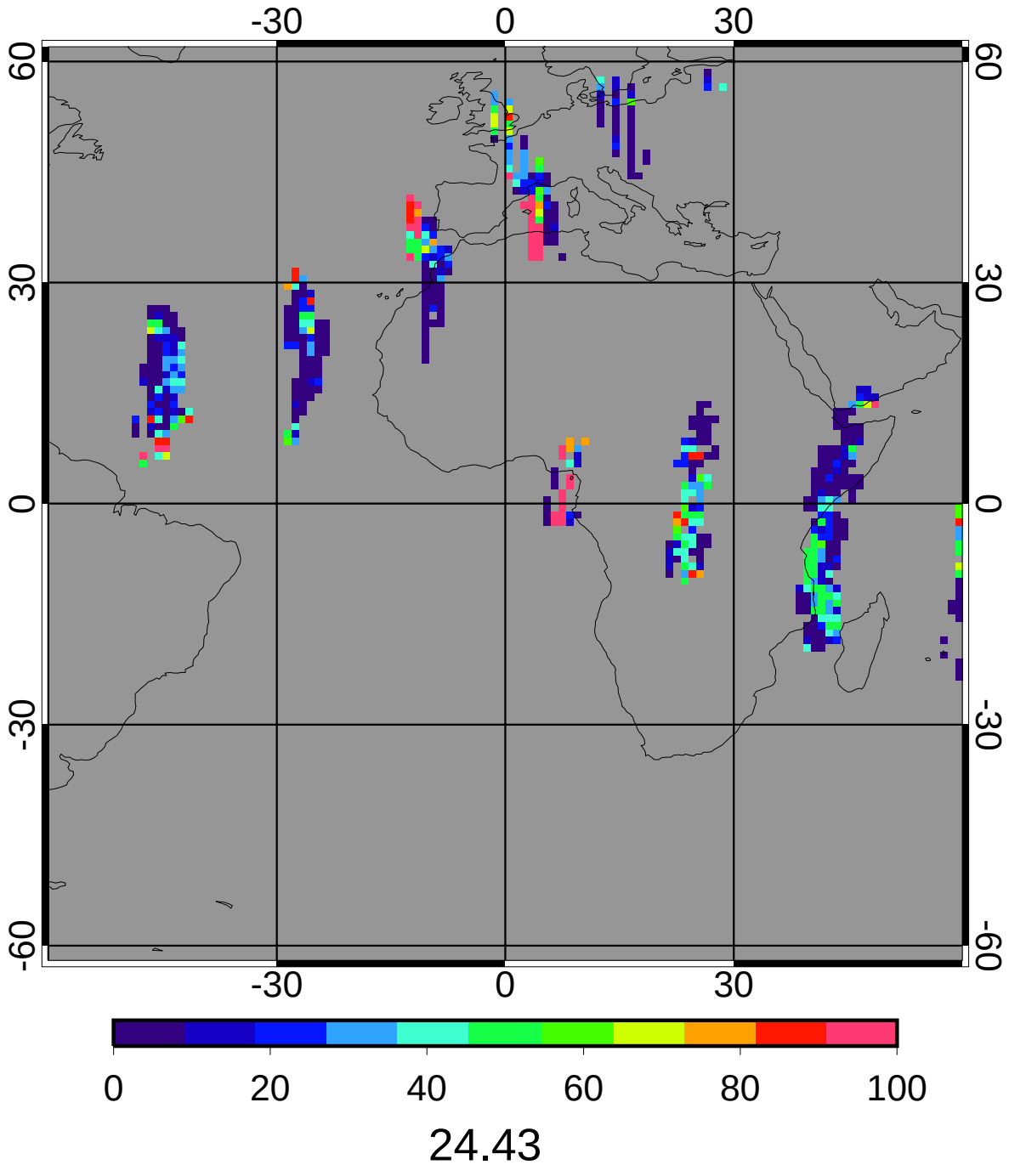
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	12.29	47.51%
domain rms	16.58	64.08%

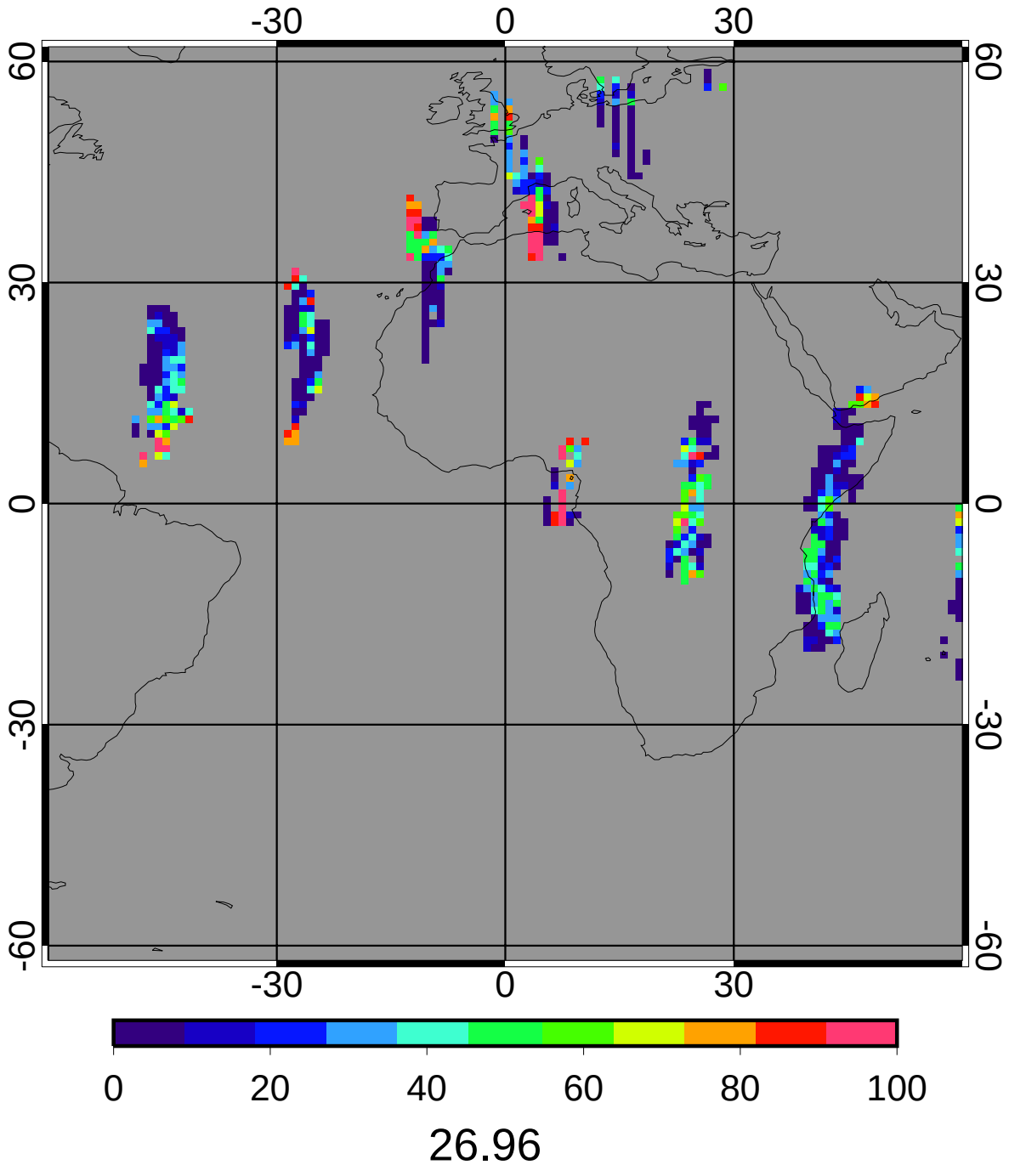
GGEO MEAN Daytime Ice Cld Amt (%)

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



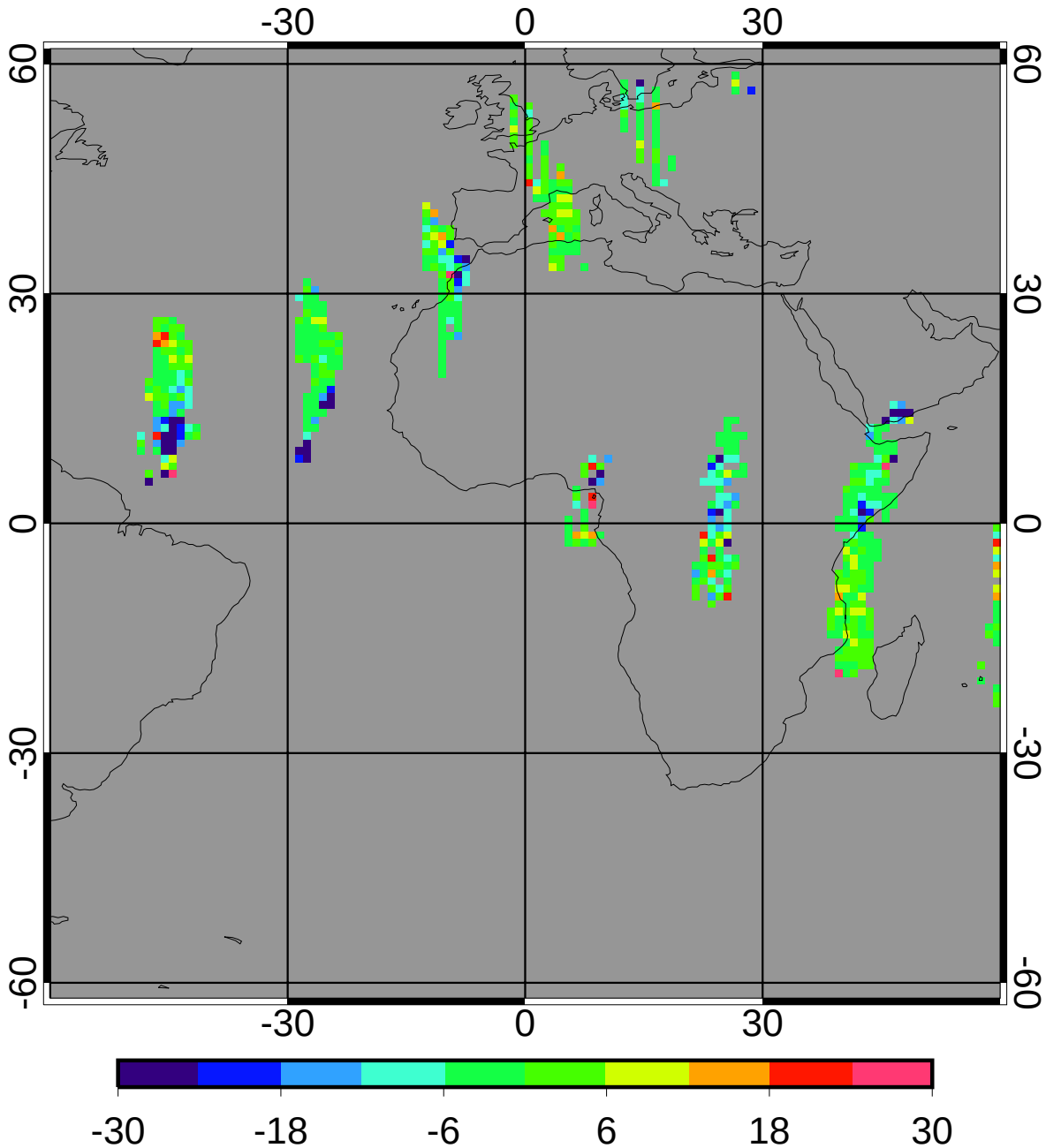
CERES/Terra MEAN Daytime Ice Cld Amt (%)

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



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

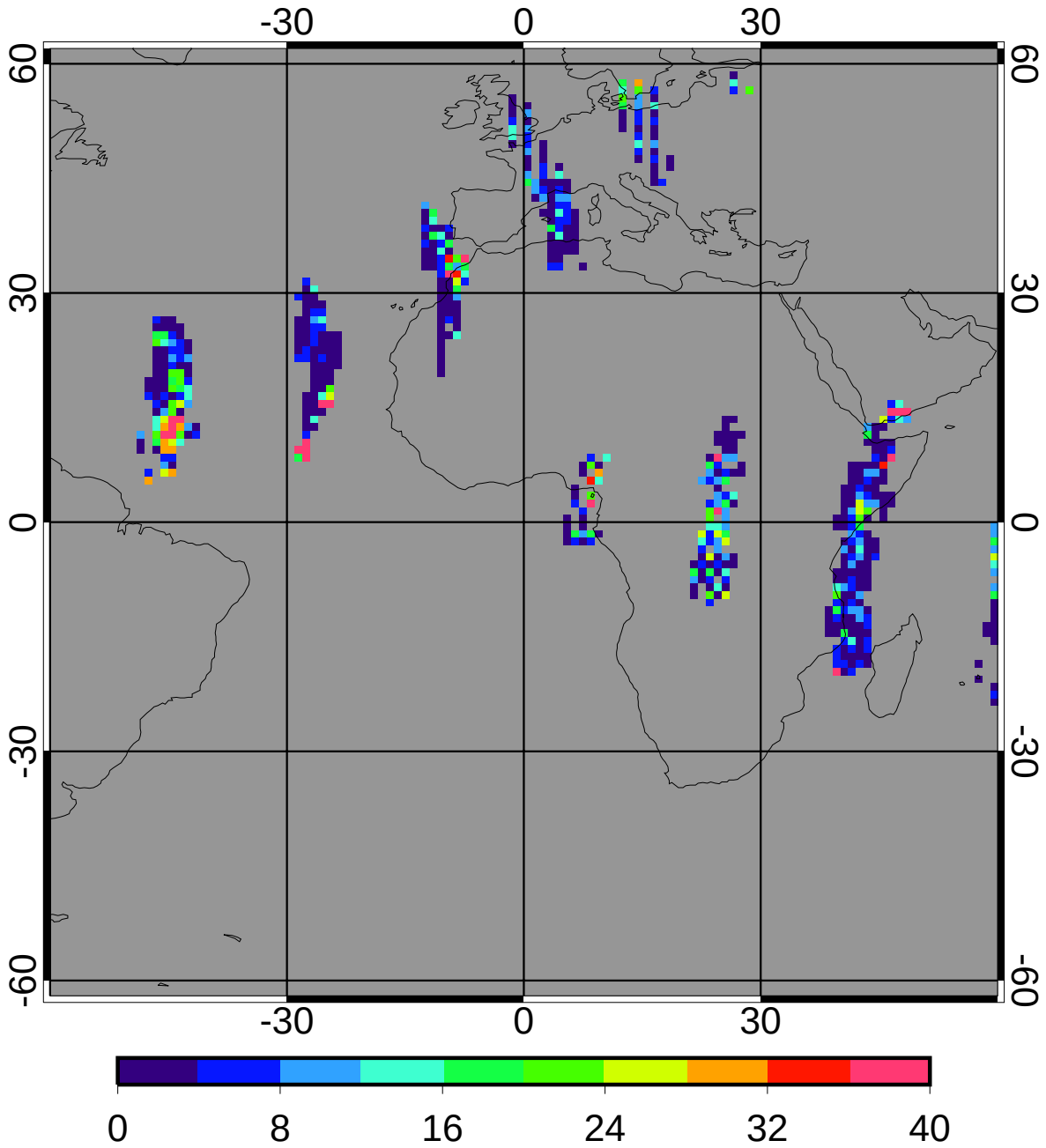
5ch Apr 2010 (matched angle) (lapse rate)



bias	-2.53	-9.39%
domain sigma	11.03	40.91%

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

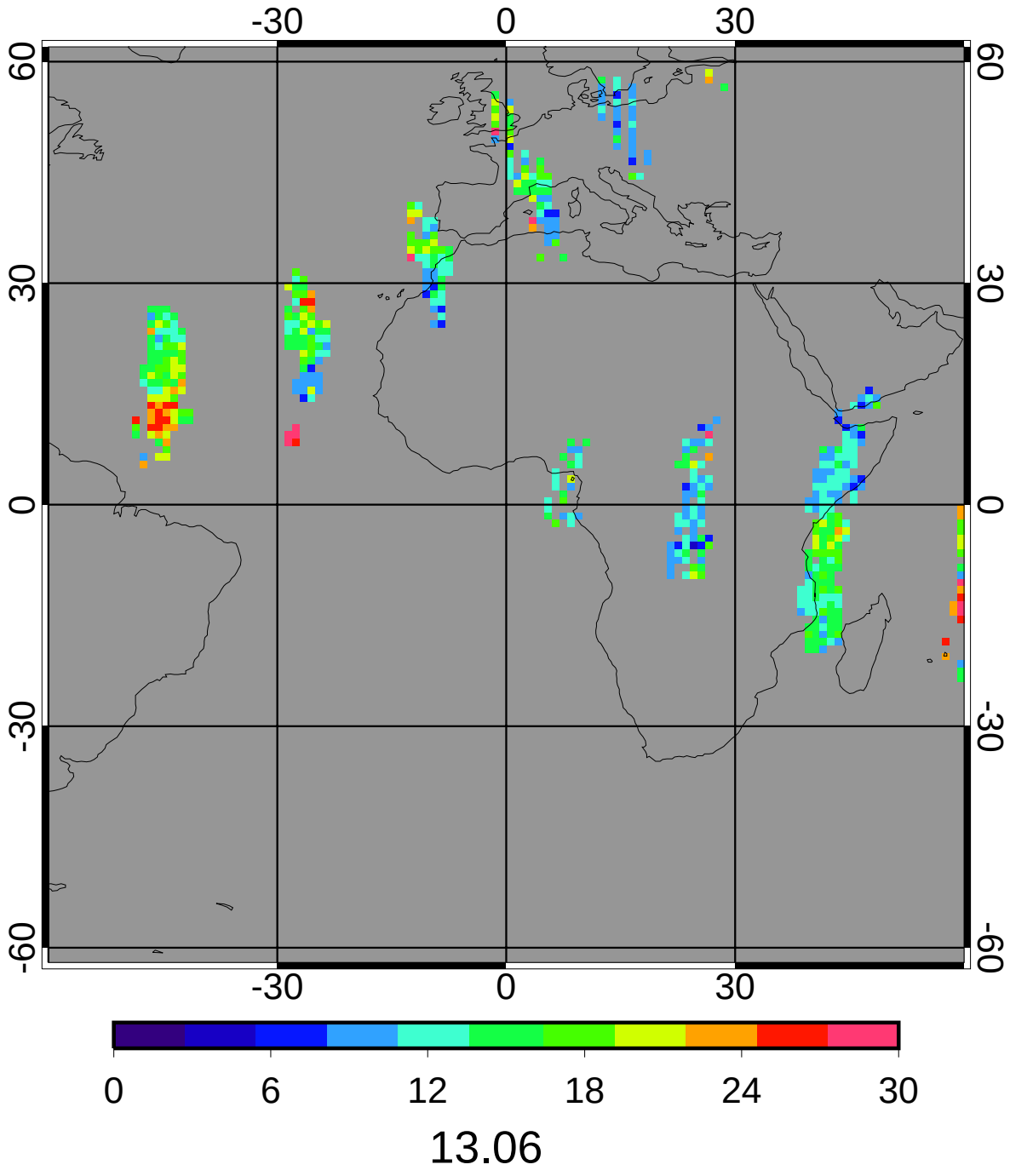
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	7.79	28.88%
domain rms	12.23	45.38%

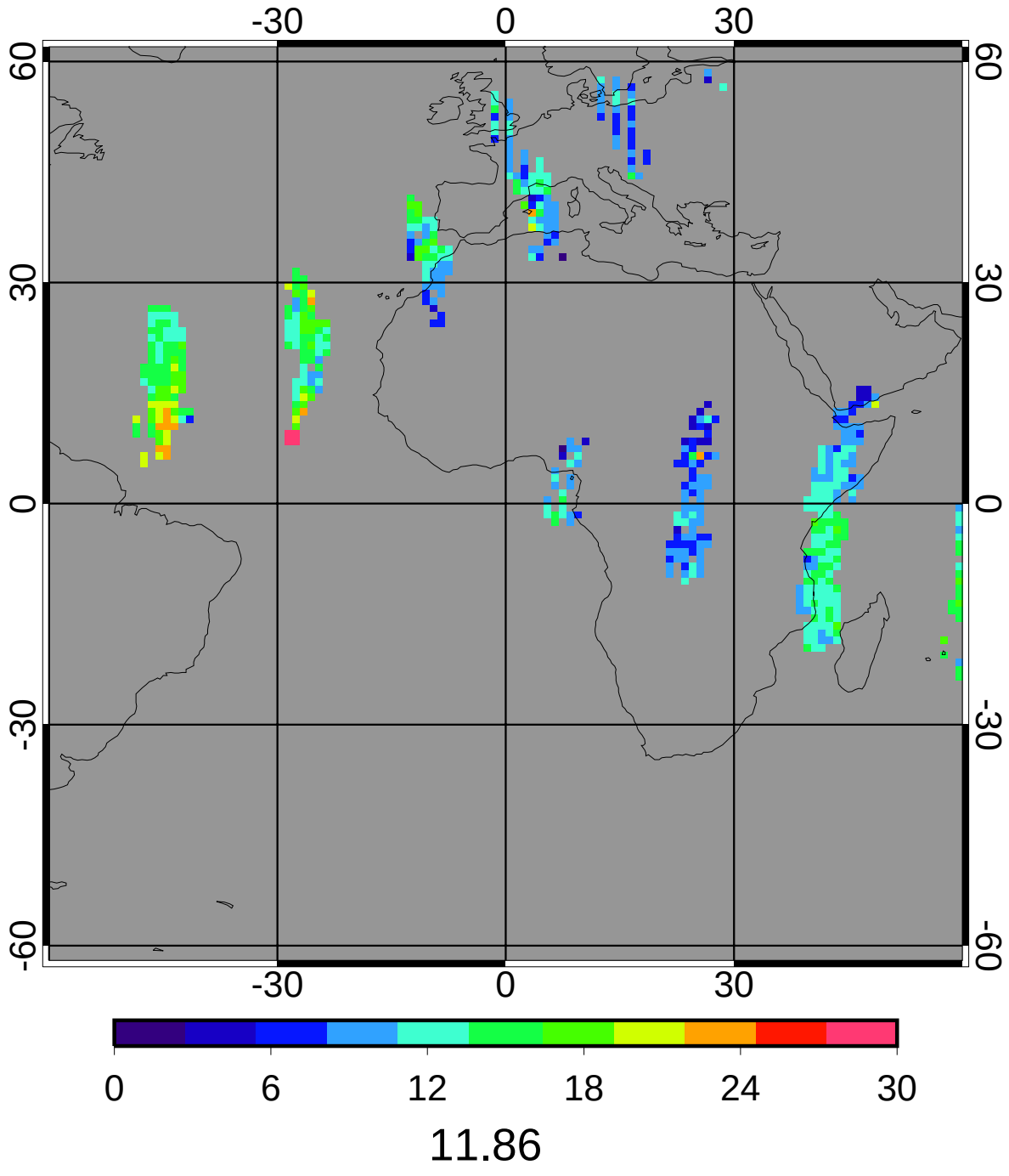
GGEO MEAN Daytime Liquid Particle Size (microns)

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



CERES/Terra MEAN Daytime Liquid Particle Size (microns)

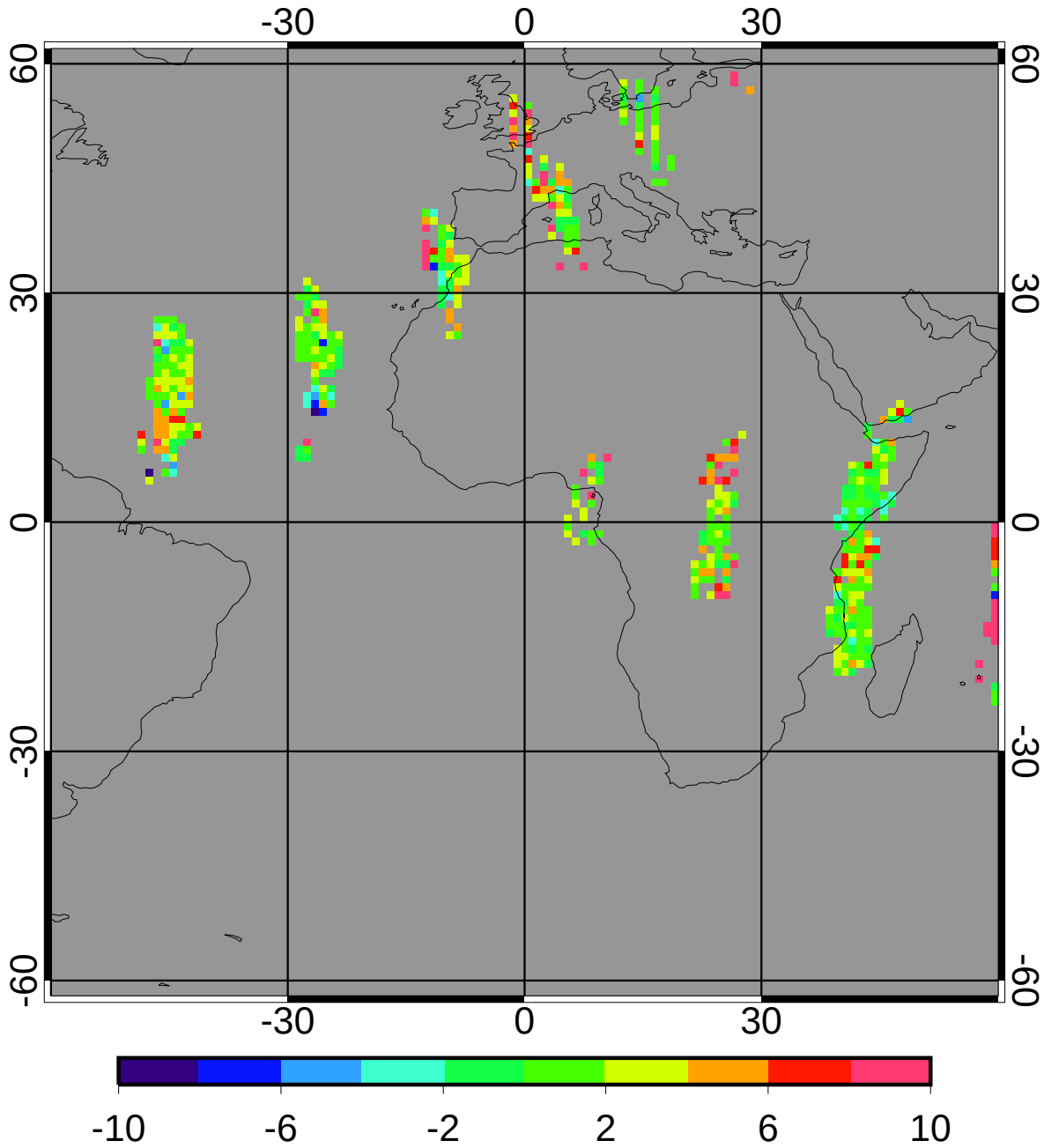
5ch Apr 2010 (matched angle) (lapse rate)



11.86

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

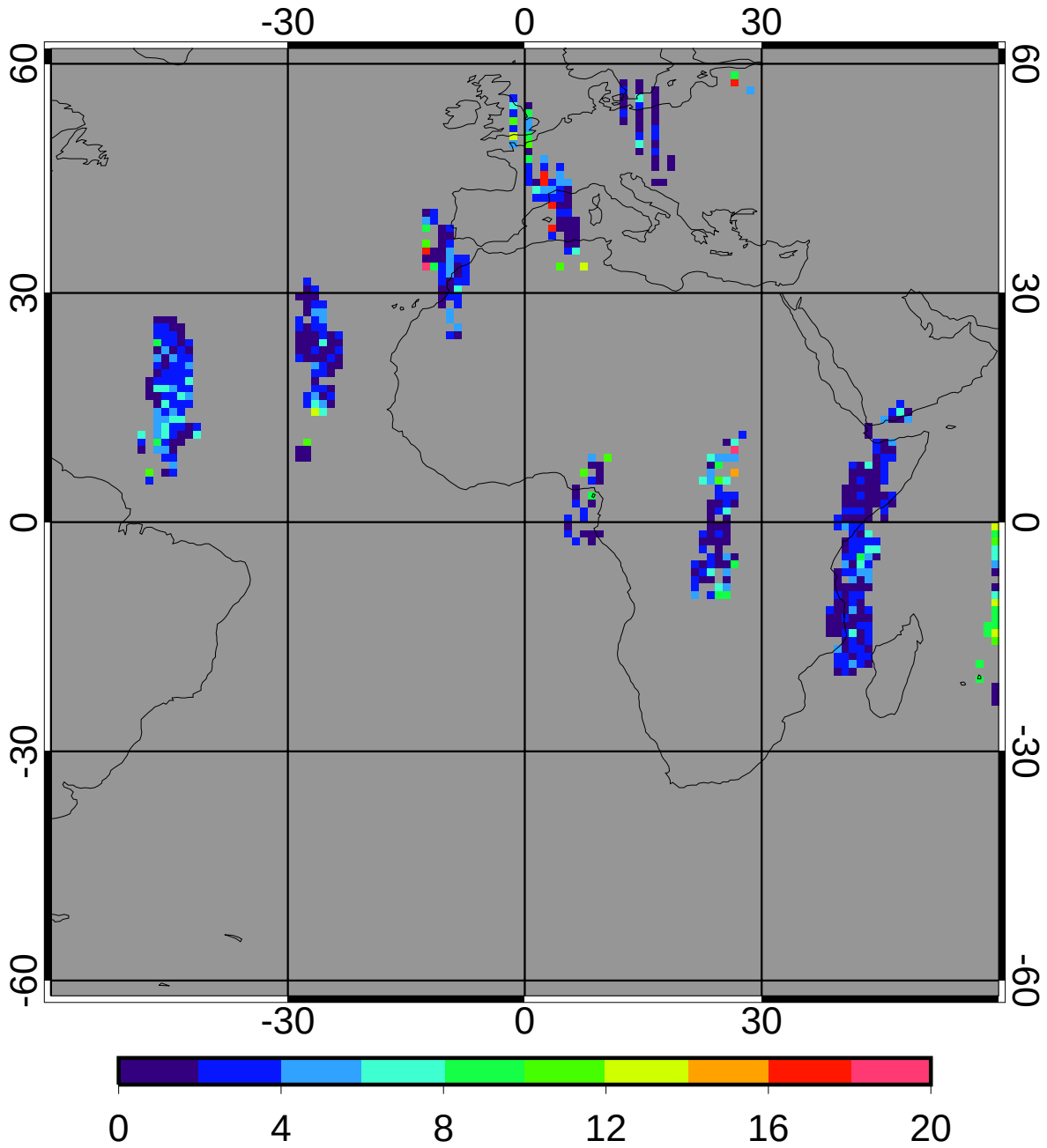
5ch Apr 2010 (matched angle) (lapse rate)



bias	1.93	16.28%
domain sigma	3.43	28.89%

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

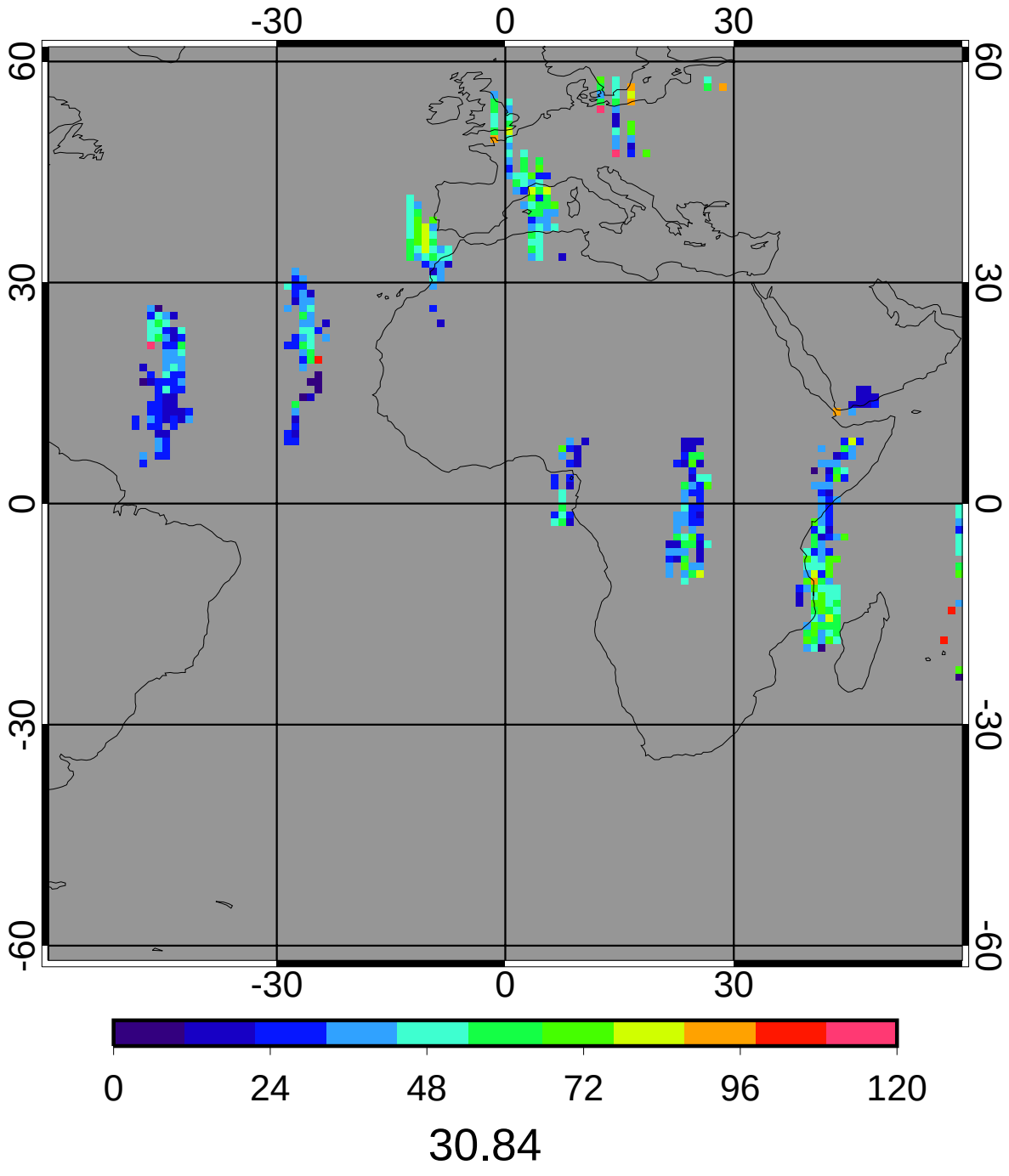
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	2.87	24.24%
domain rms	4.19	35.33%

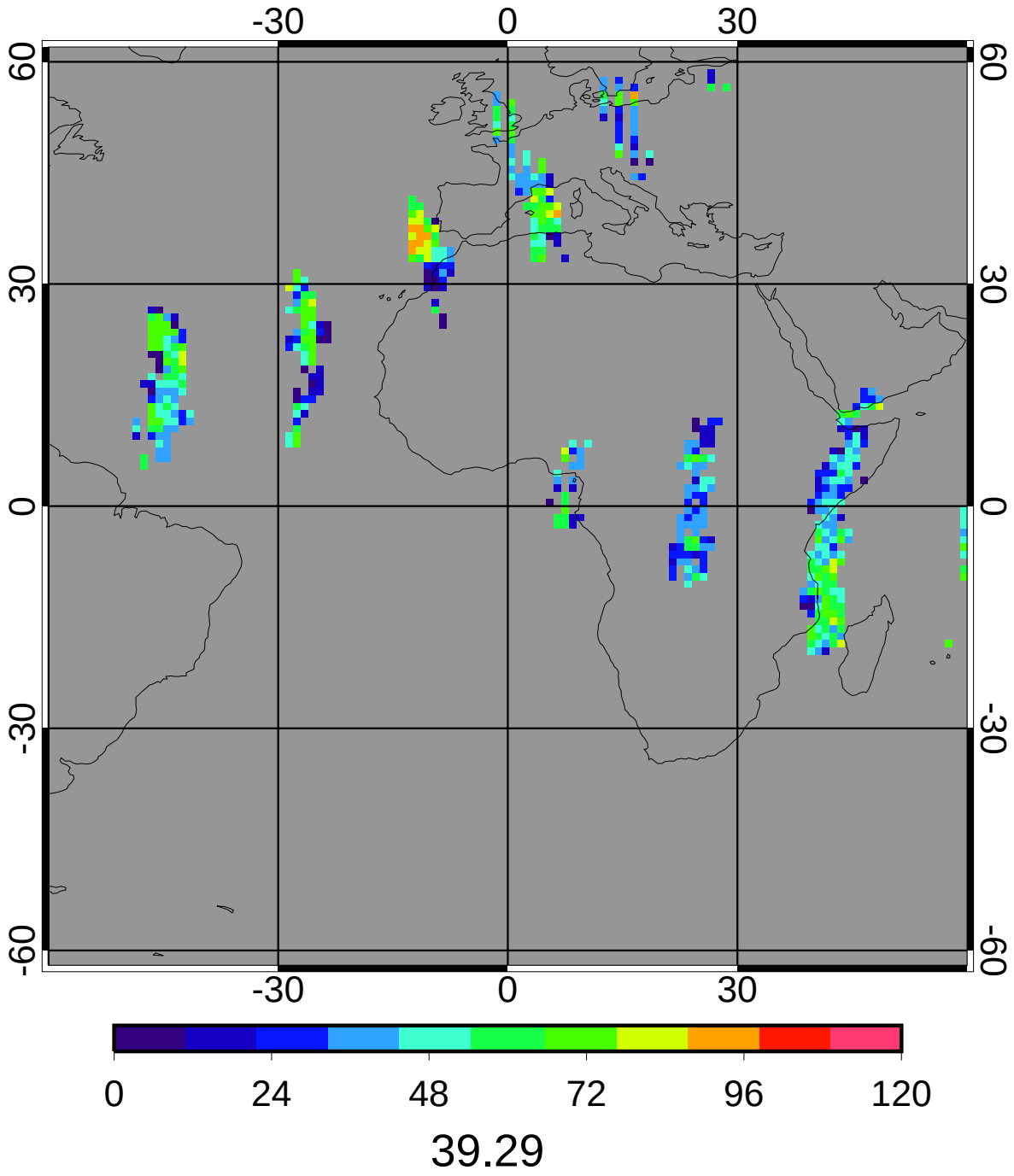
GGEO MEAN Daytime Ice Particle Size (microns)

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



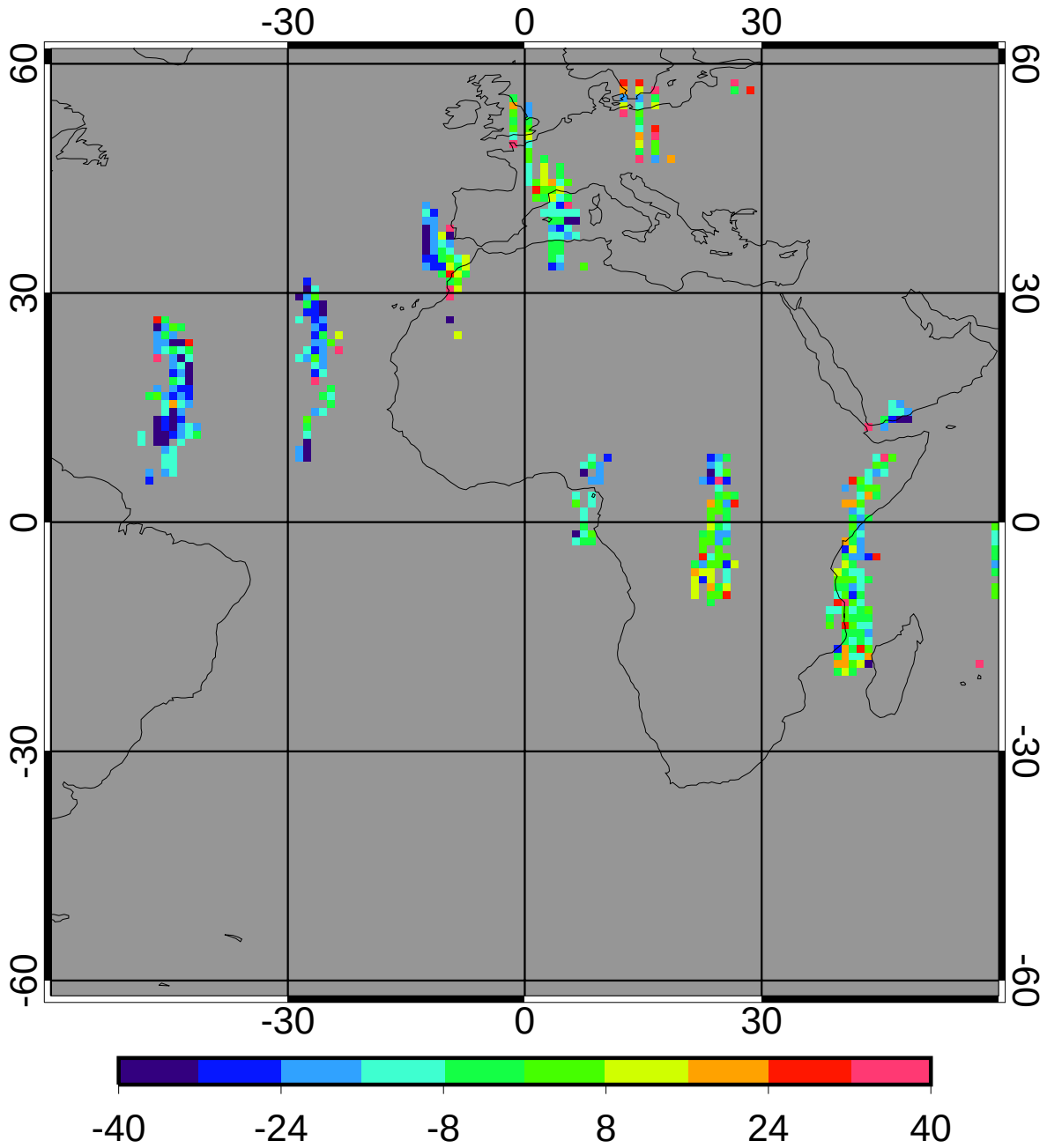
CERES/Terra MEAN Daytime Ice Particle Size (microns)

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



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

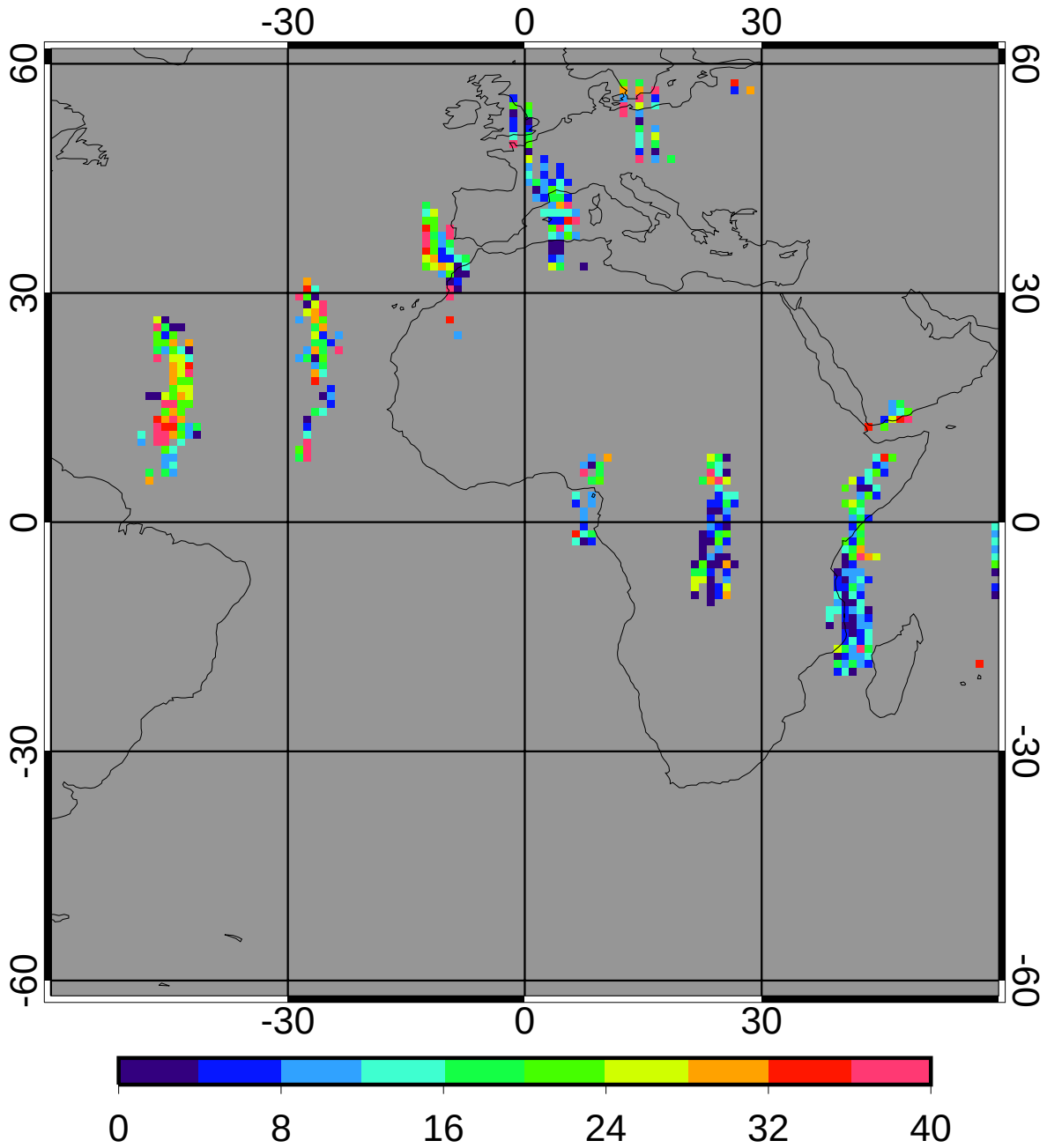
5ch Apr 2010 (matched angle) (lapse rate)



bias	-5.58	-14.20%
domain sigma	16.78	42.70%

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

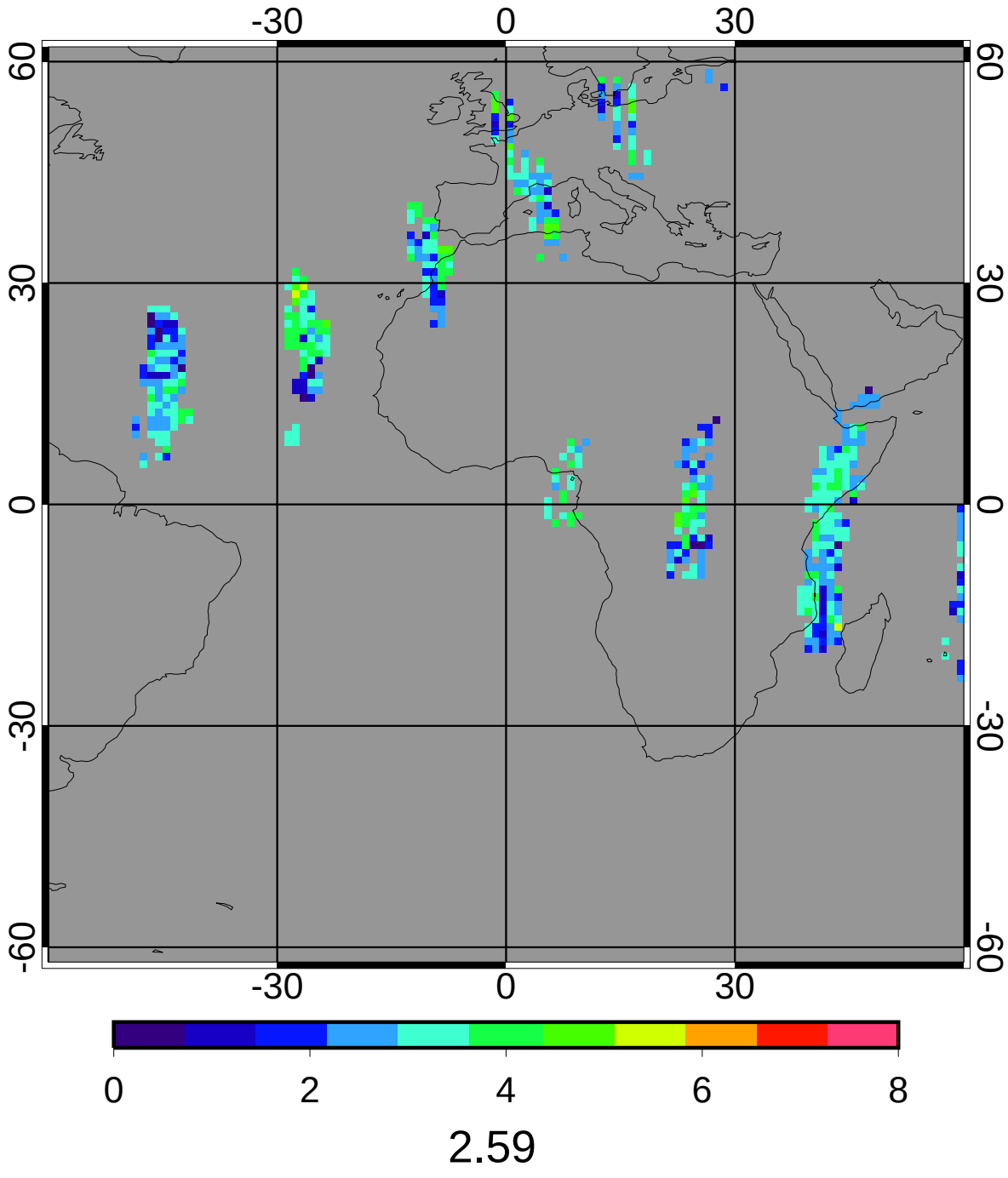
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	12.01	30.56%
domain rms	19.36	49.28%

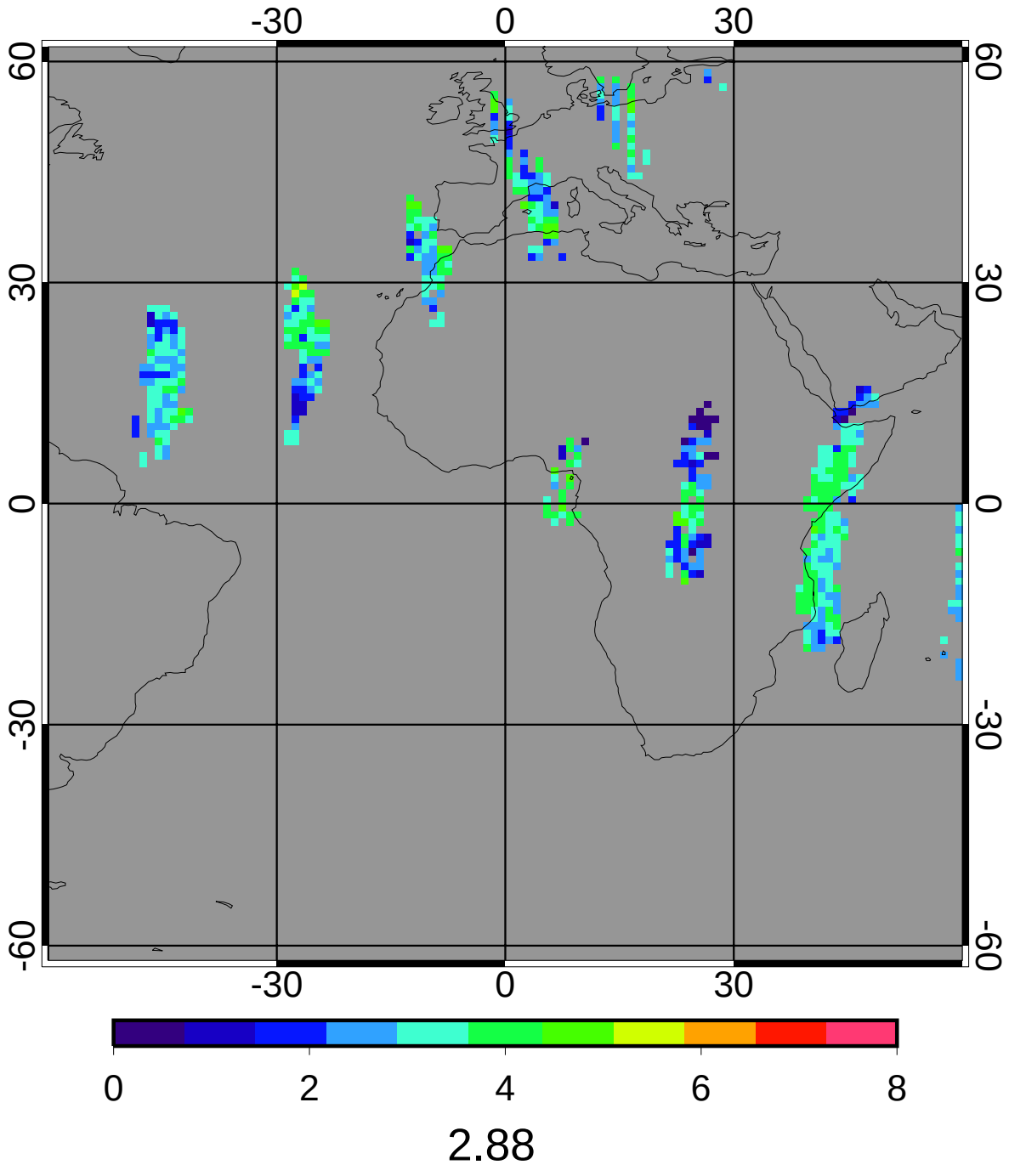
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

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



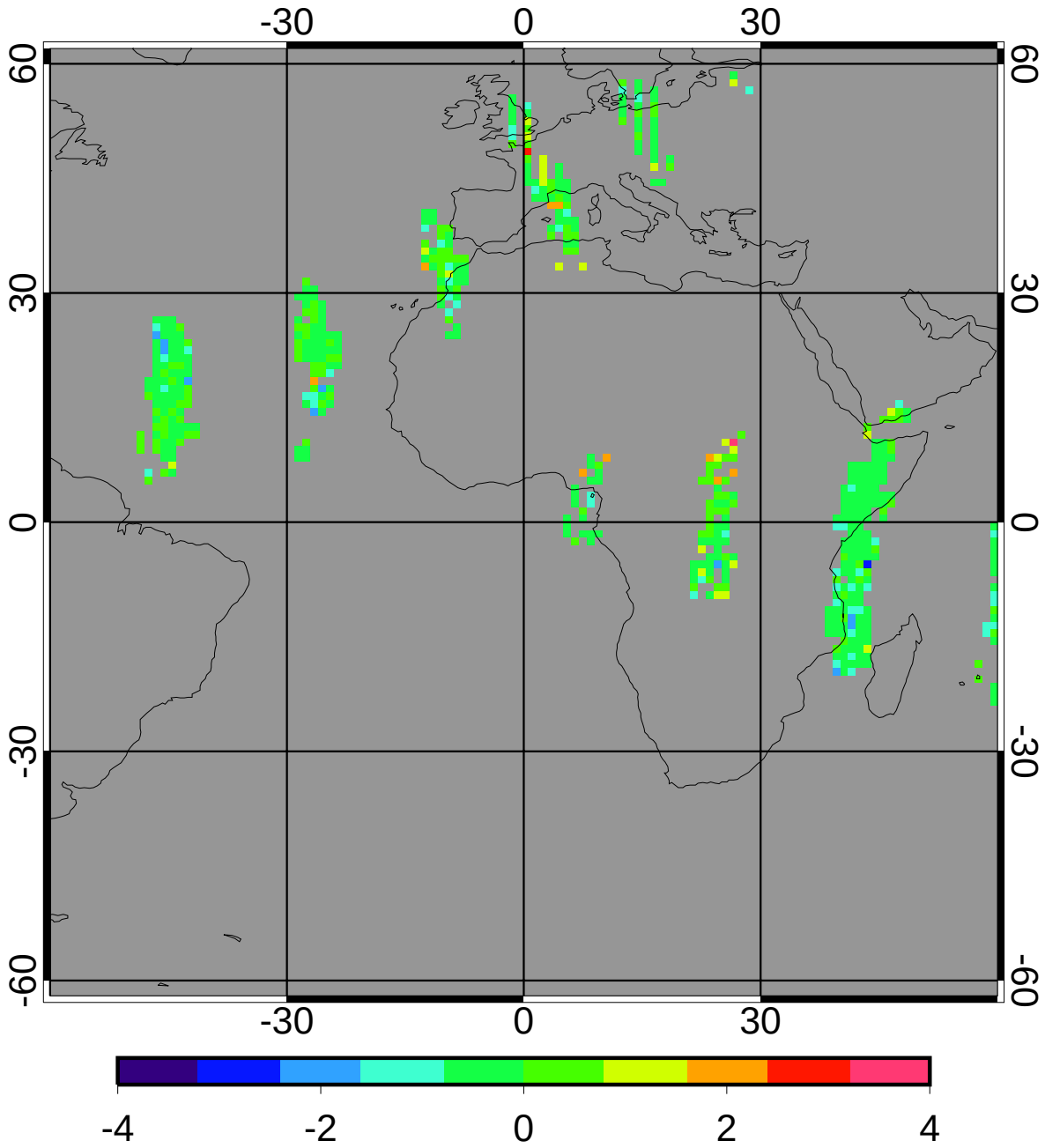
CERES/Terra MEAN Daytime Log Liquid Water Path (g/m2)

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



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

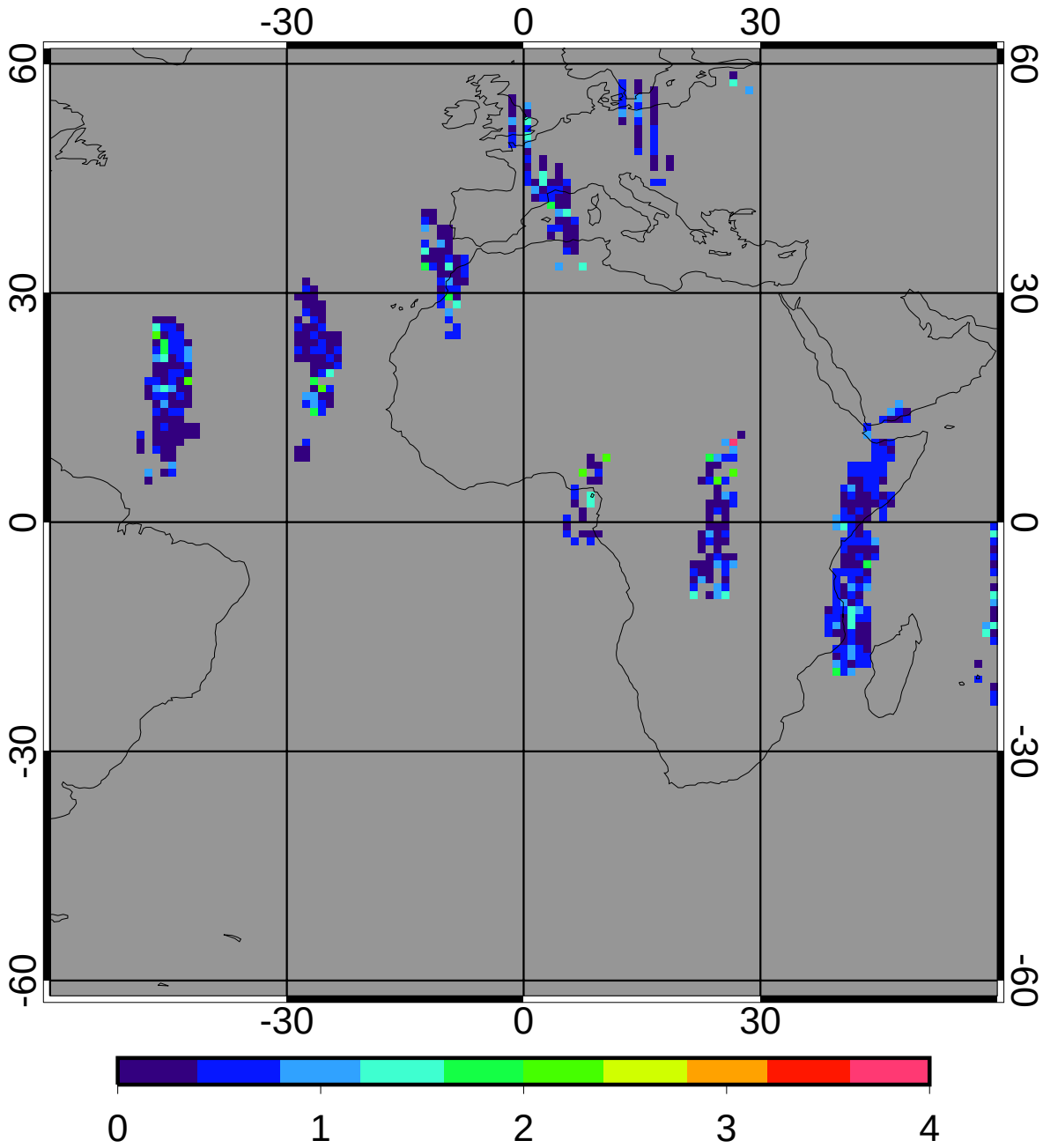
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.16	-5.68%
domain sigma	0.61	21.02%

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

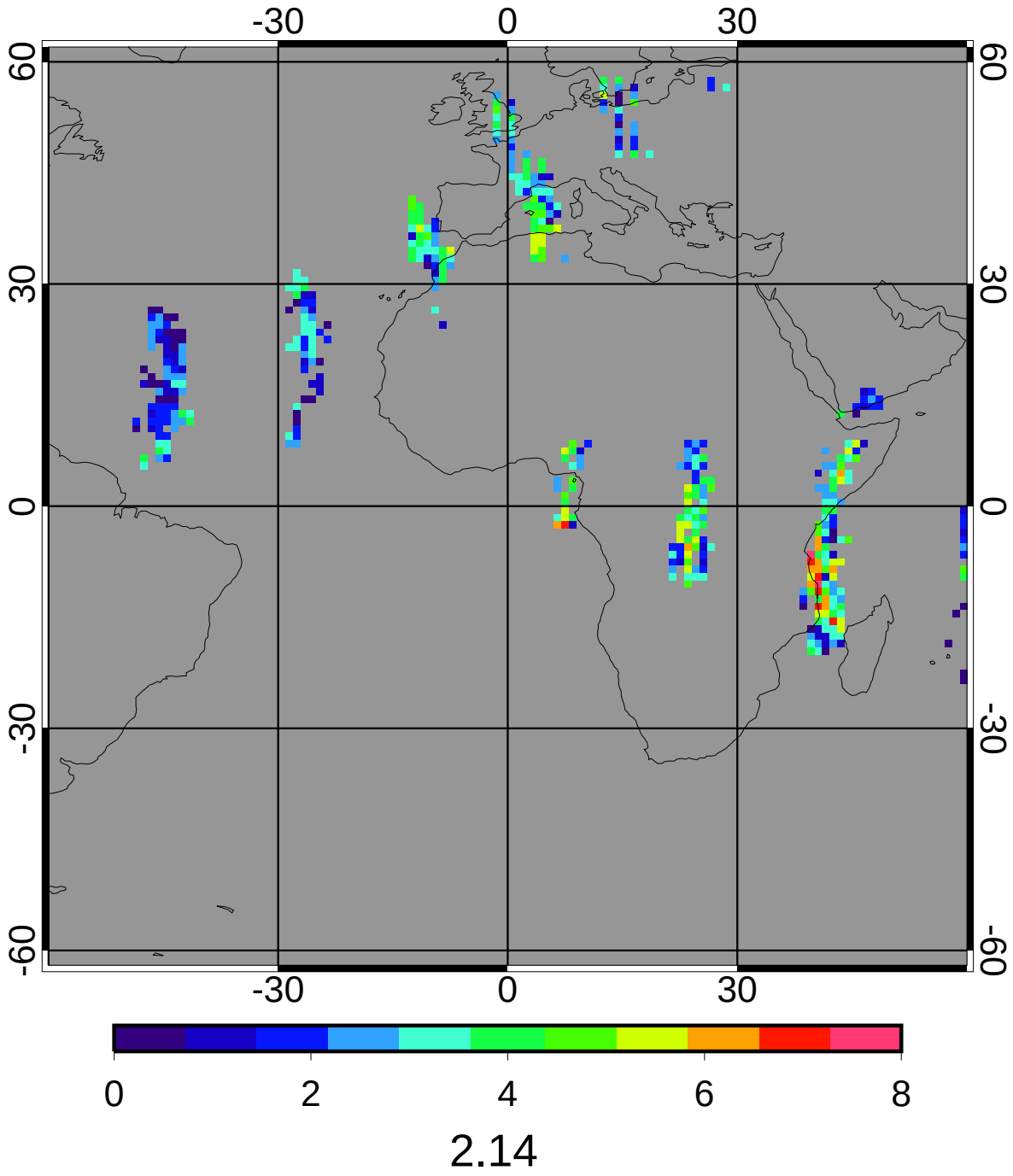
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.45	15.58%
domain rms	0.63	22.00%

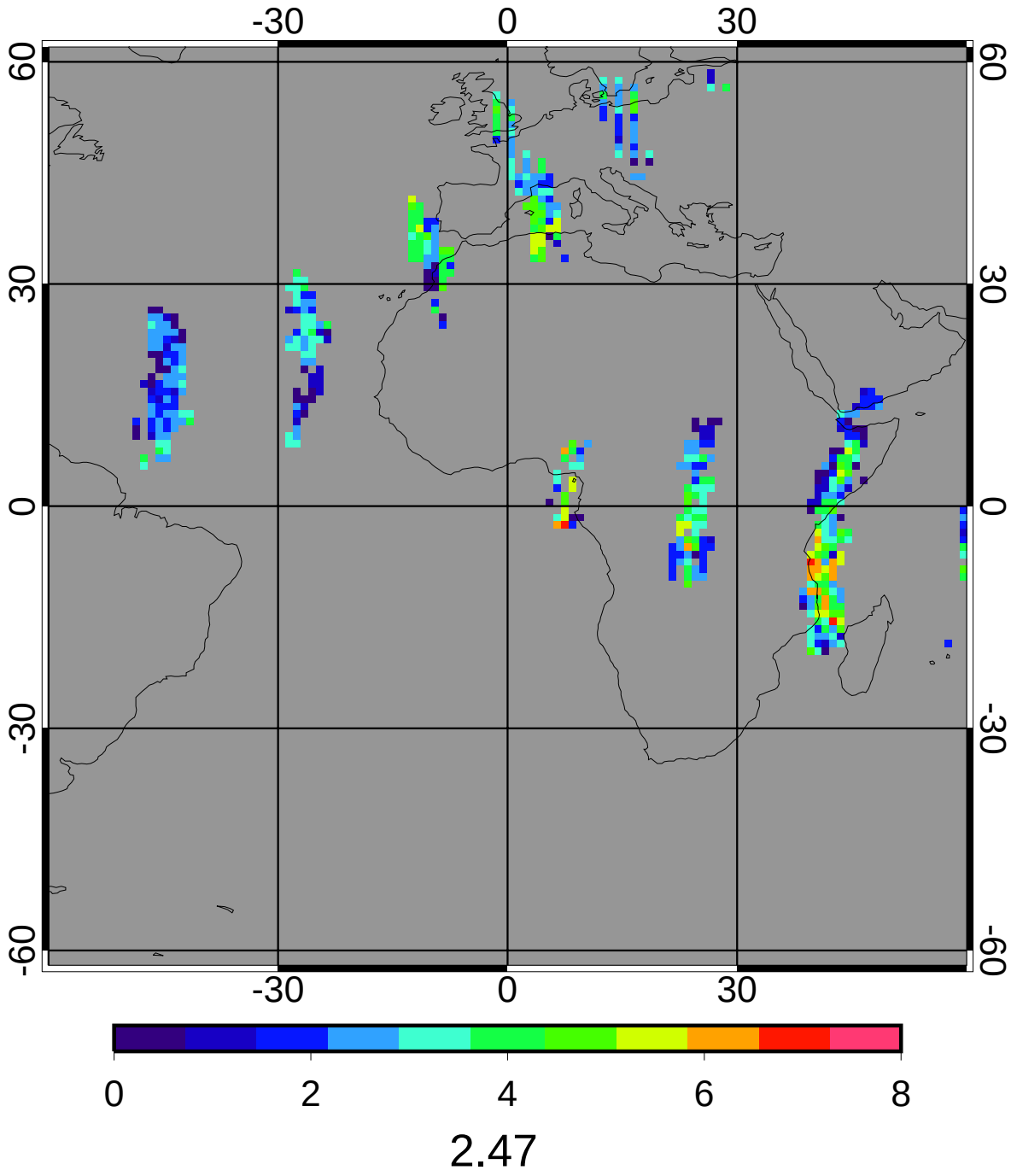
GGEO MEAN Daytime Log Ice Water Path (g/m2)

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



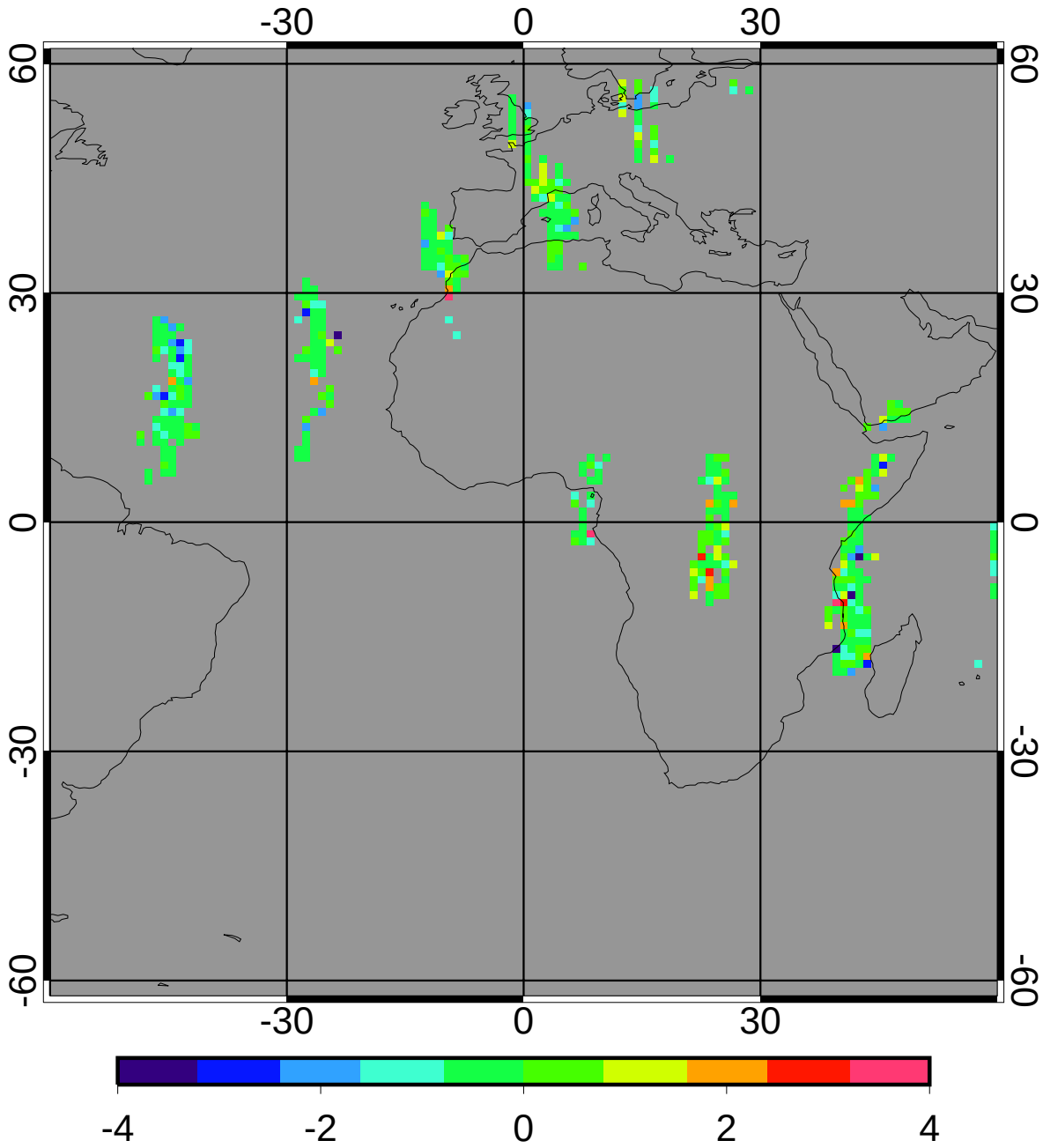
CERES/Terra MEAN Daytime Log Ice Water Path (g/m2)

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



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

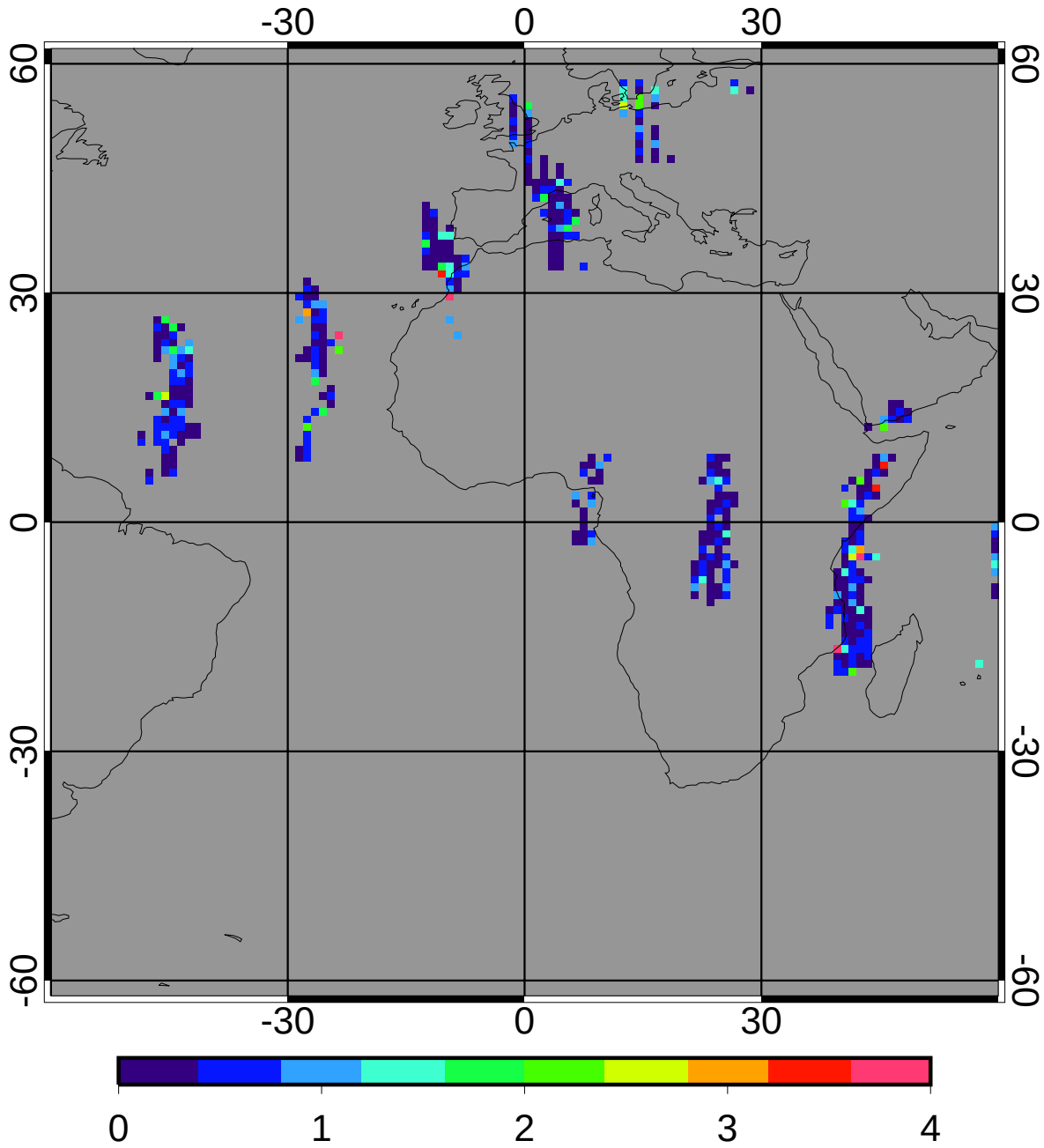
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.14	-5.78%
domain sigma	0.88	35.65%

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

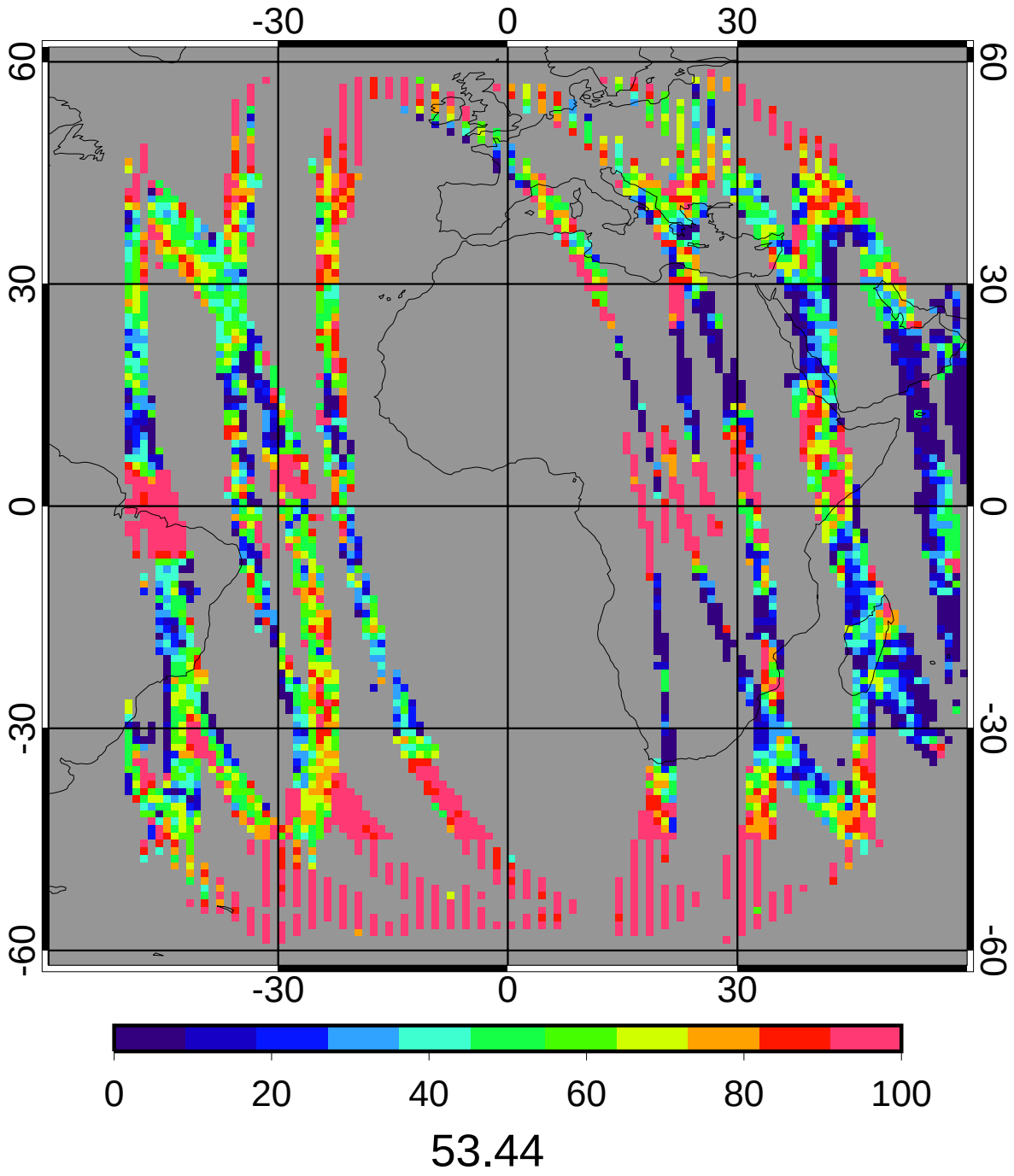
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.42	16.89%
domain rms	0.87	35.46%

GGEO MEAN Nighttime Cloud Amount (%)

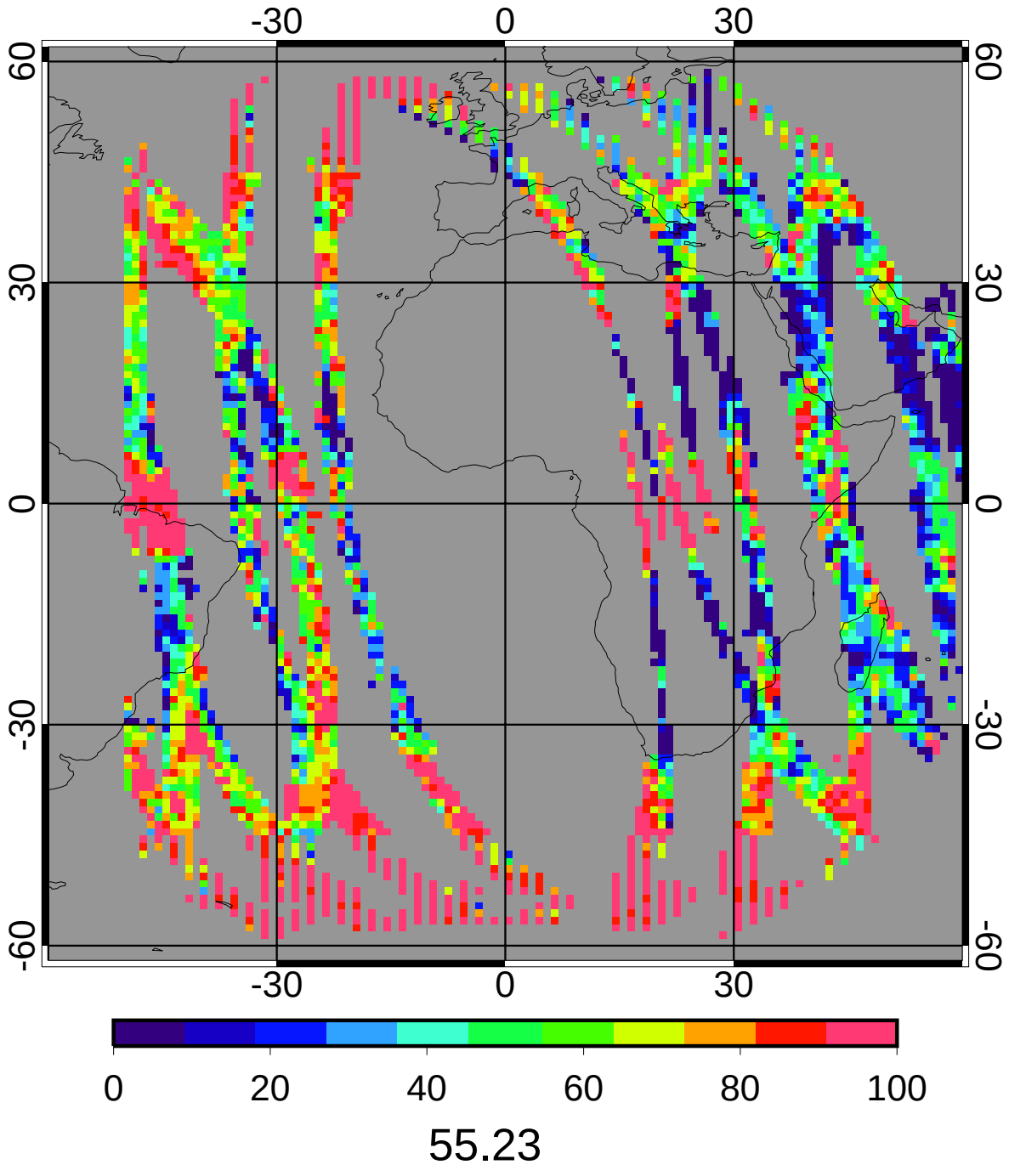
5ch Apr 2010 (matched angle) (lapse rate)



53.44

CERES/Terra MEAN Nighttime Cloud Amount (%)

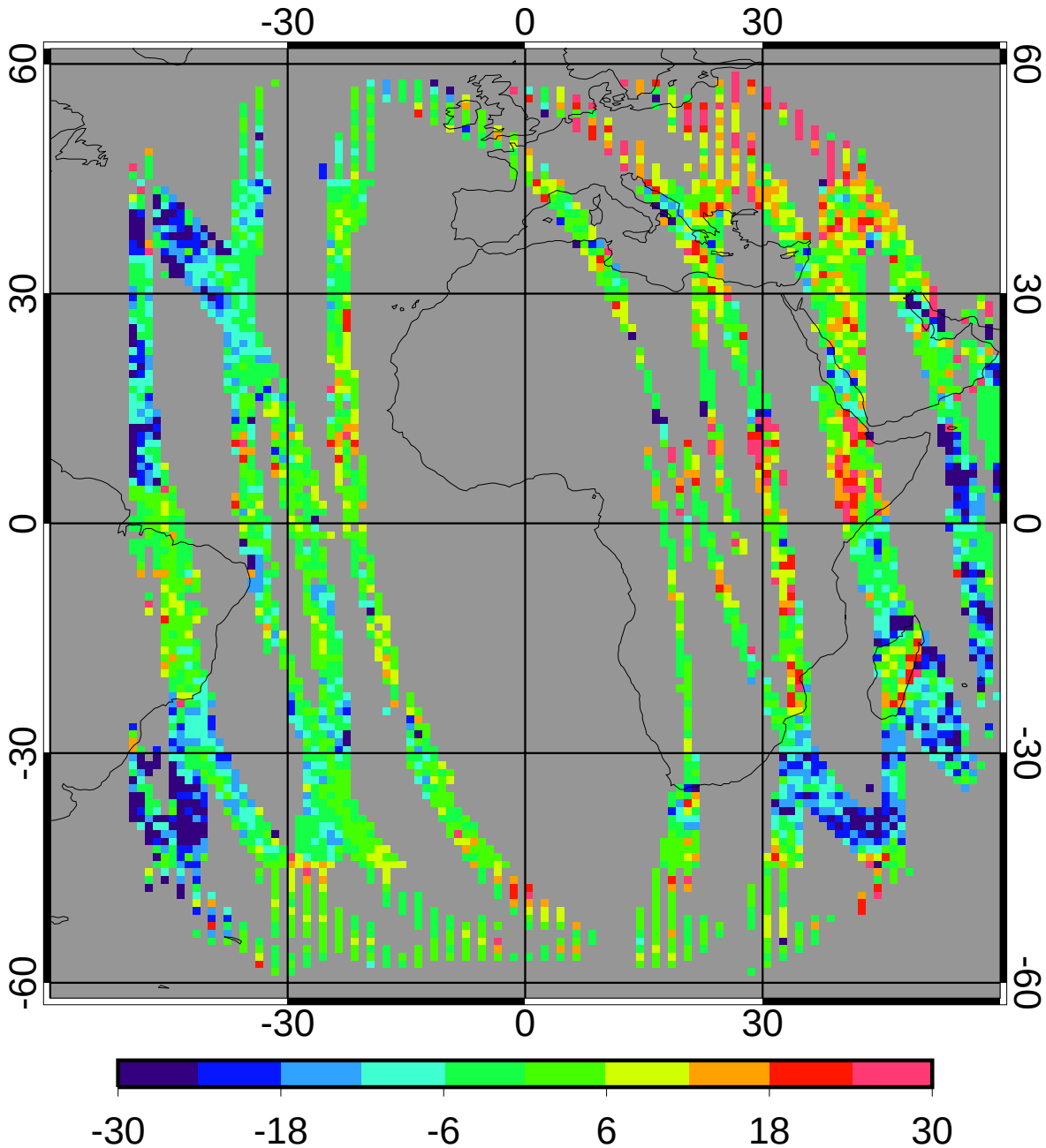
5ch Apr 2010 (matched angle) (lapse rate)



55.23

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

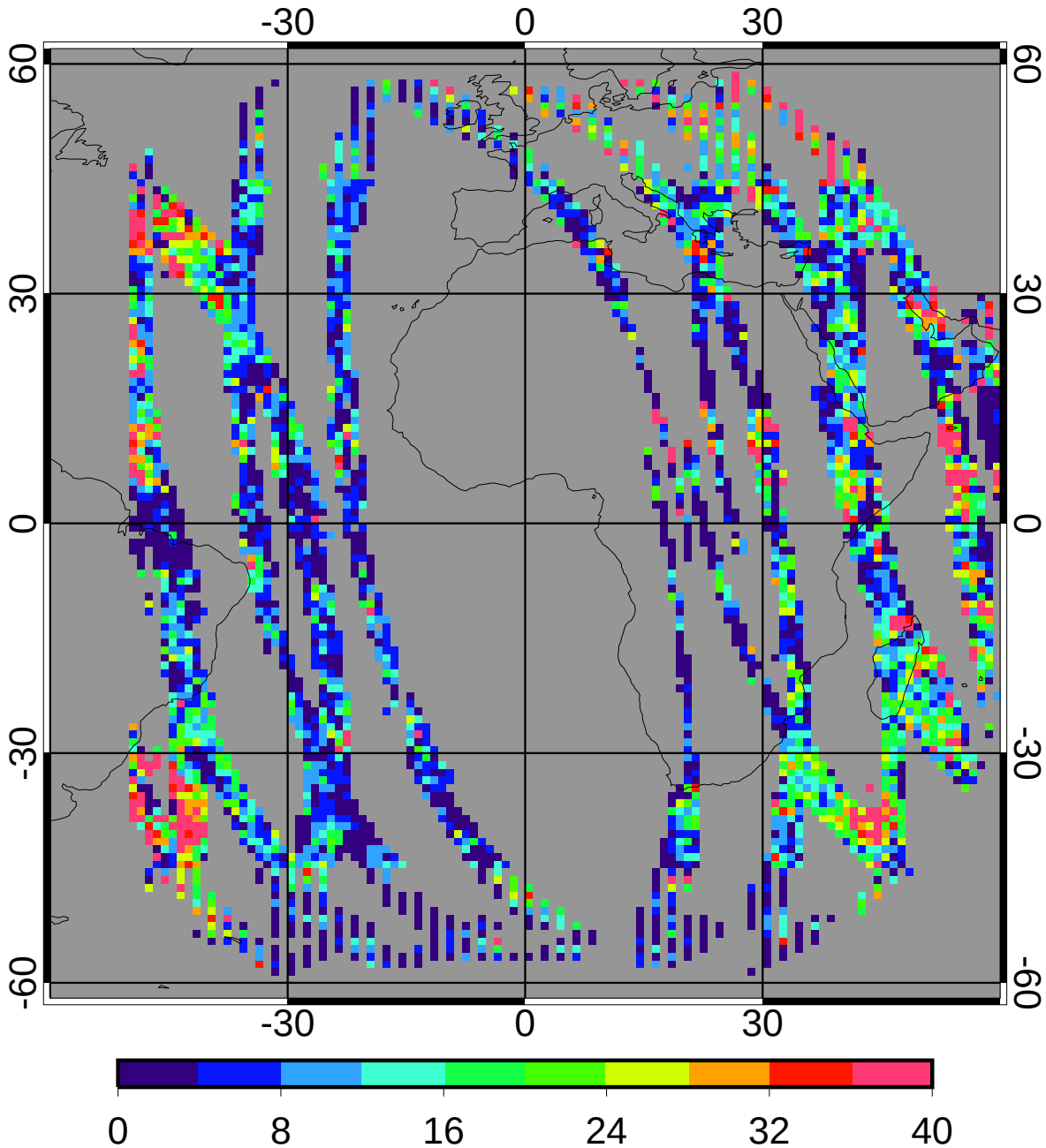
5ch Apr 2010 (matched angle) (lapse rate)



bias	-1.79	-3.24%
domain sigma	12.75	23.08%

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

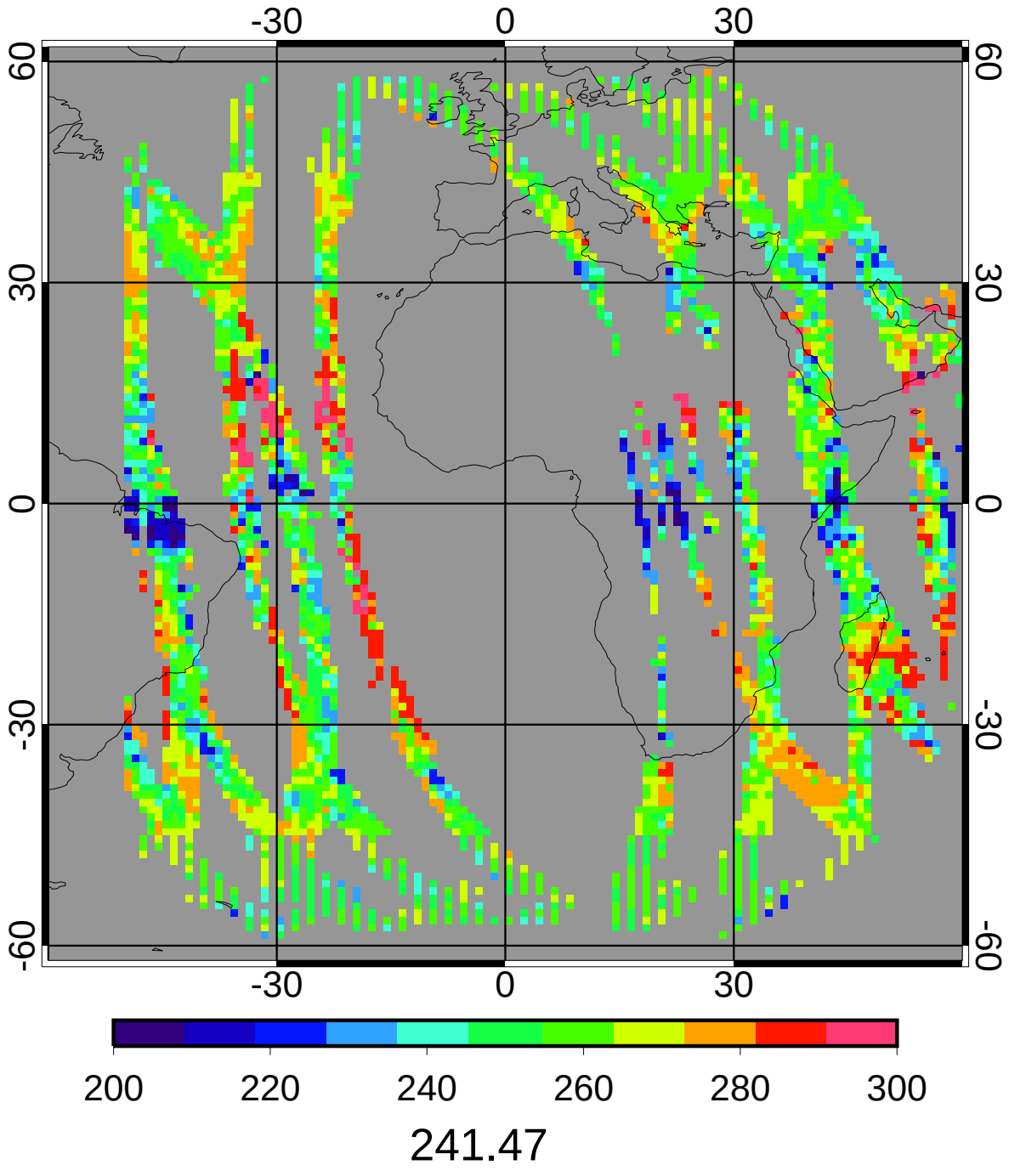
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	12.56	22.73%
domain rms	16.82	30.45%

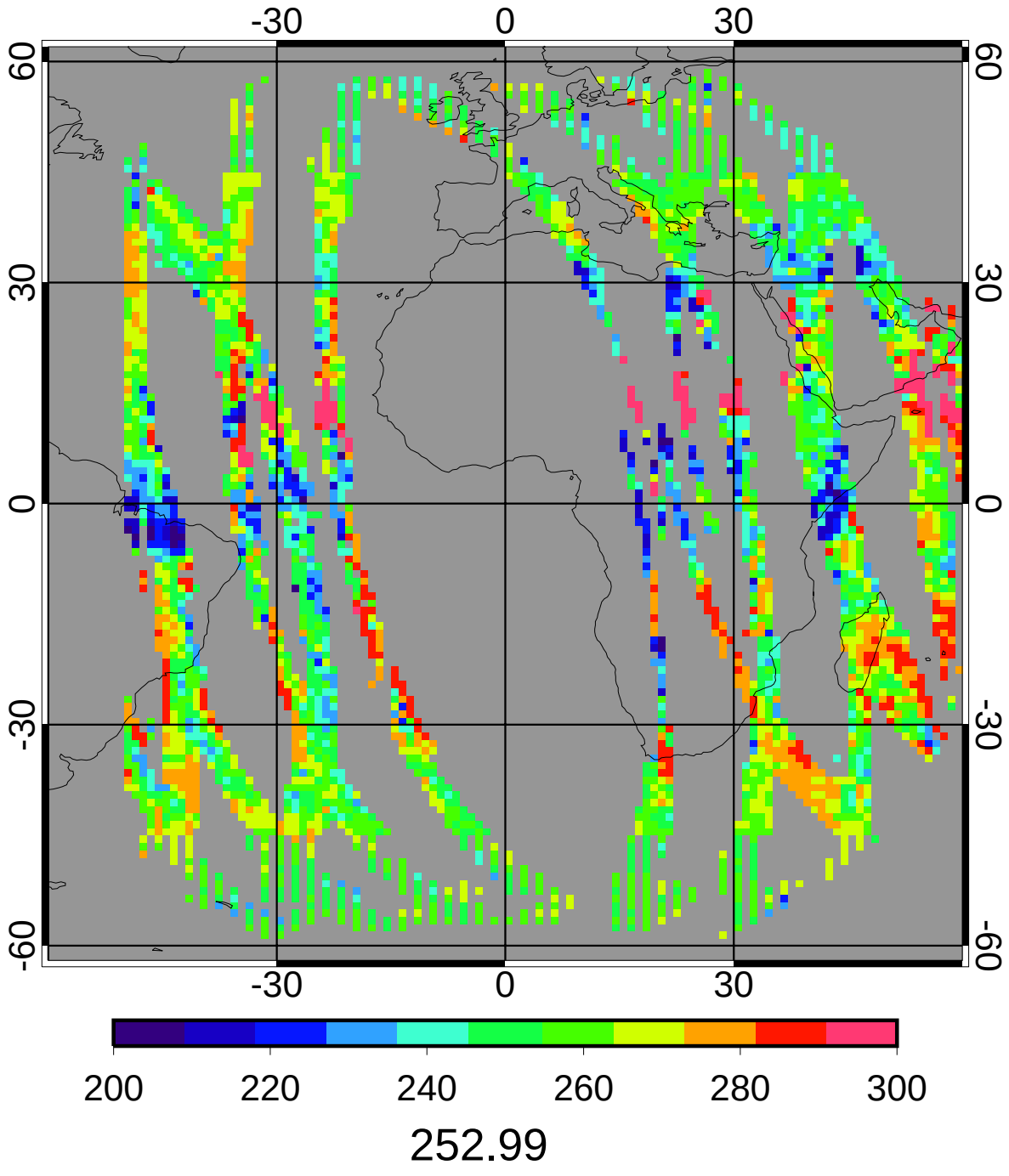
GGEO MEAN Nighttime Cloud Temperature (K)

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



CERES/Terra MEAN Nighttime Cloud Temperature (K)

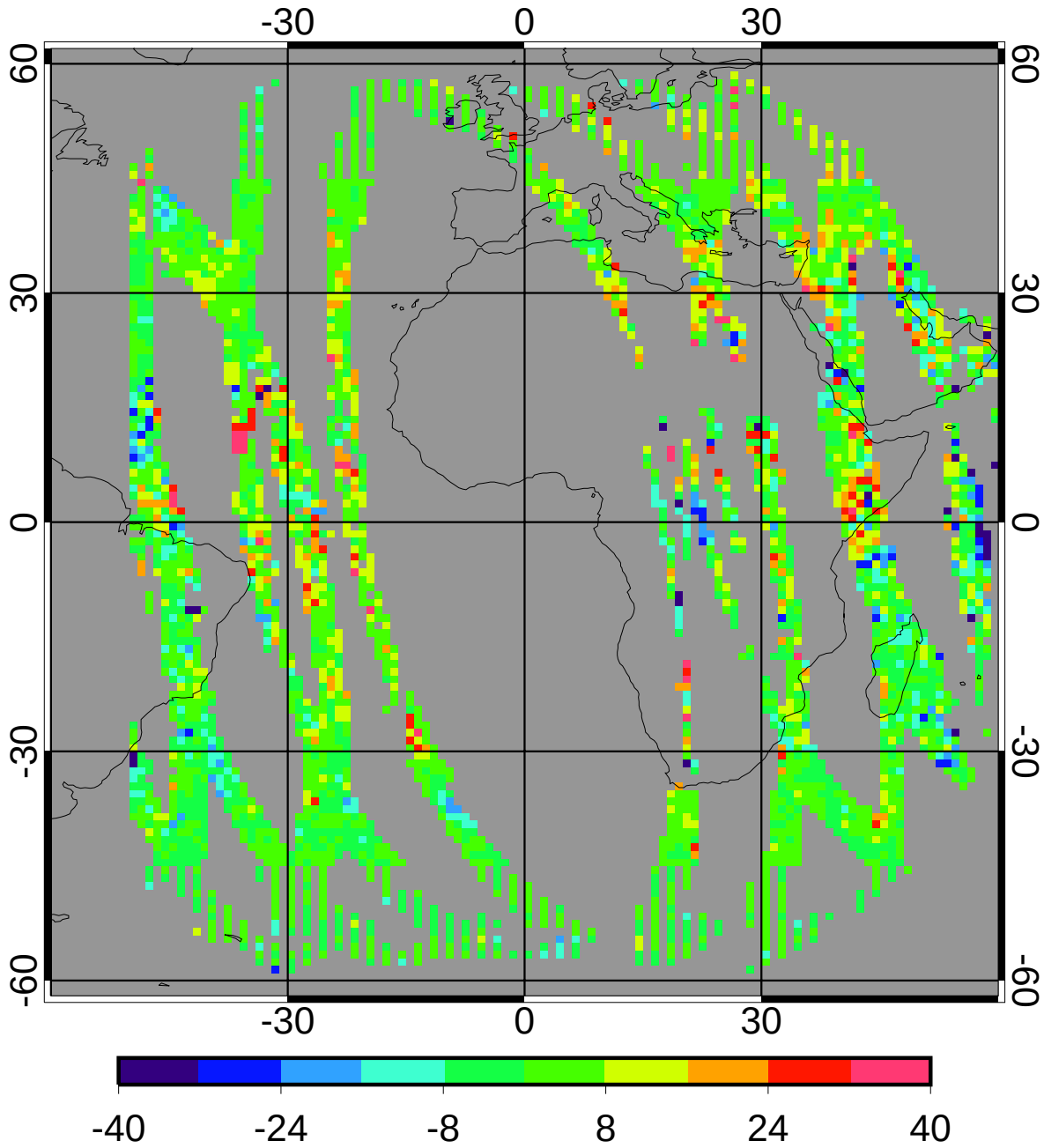
5ch Apr 2010 (matched angle) (lapse rate)



252.99

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

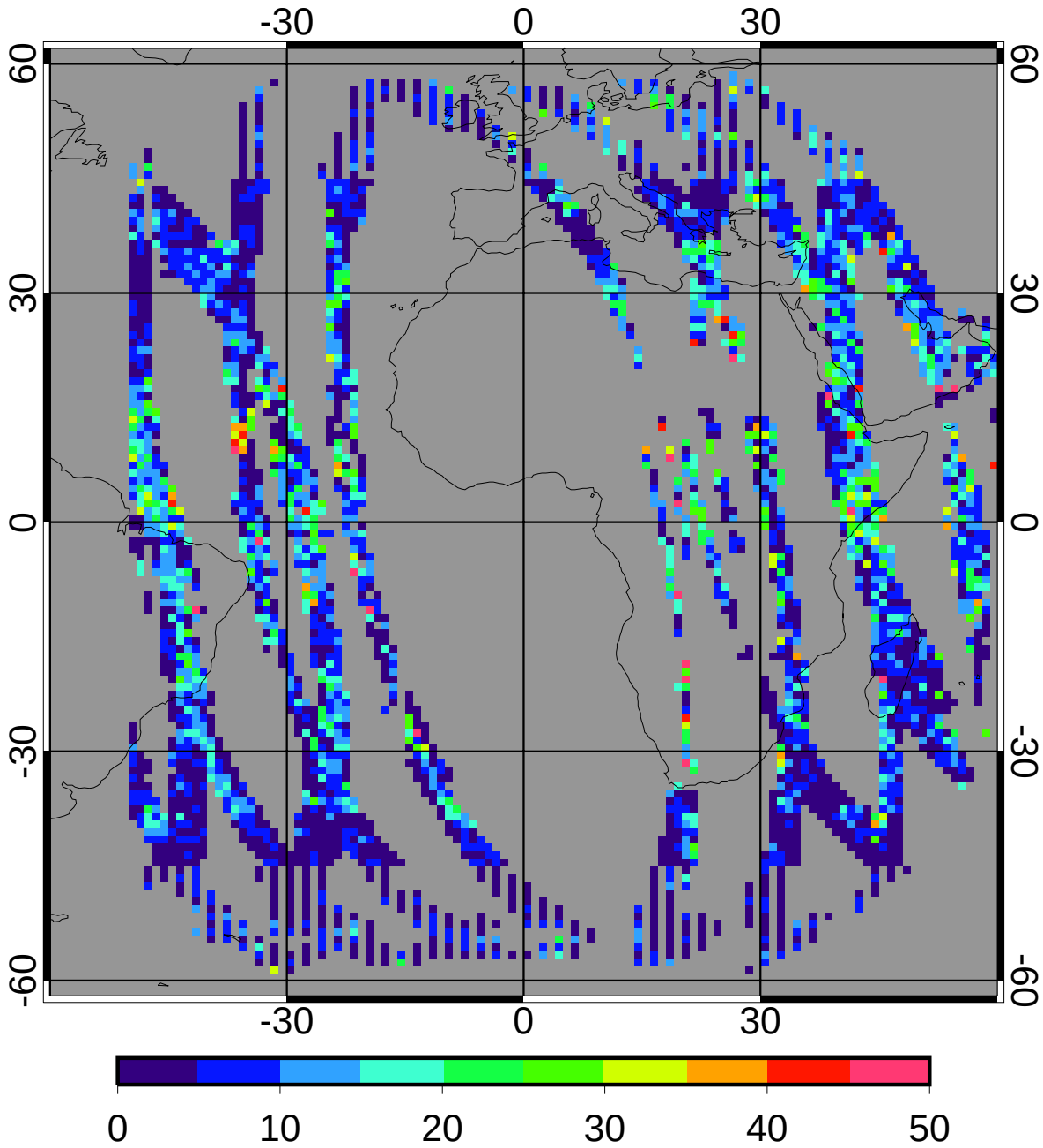
5ch Apr 2010 (matched angle) (lapse rate)



bias	1.91	0.76%
domain sigma	10.01	3.96%

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

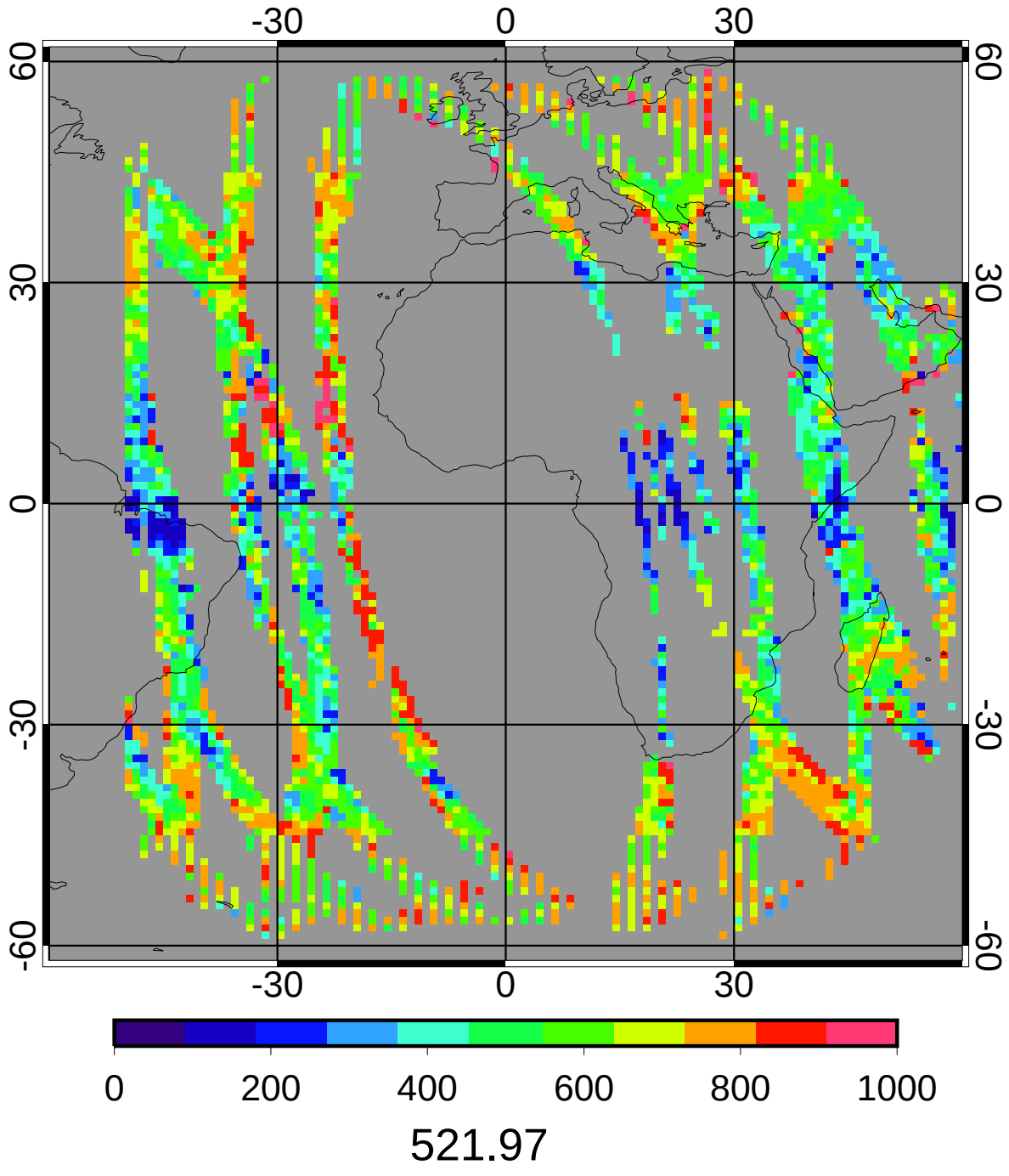
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	8.69	3.44%
domain rms	11.19	4.42%

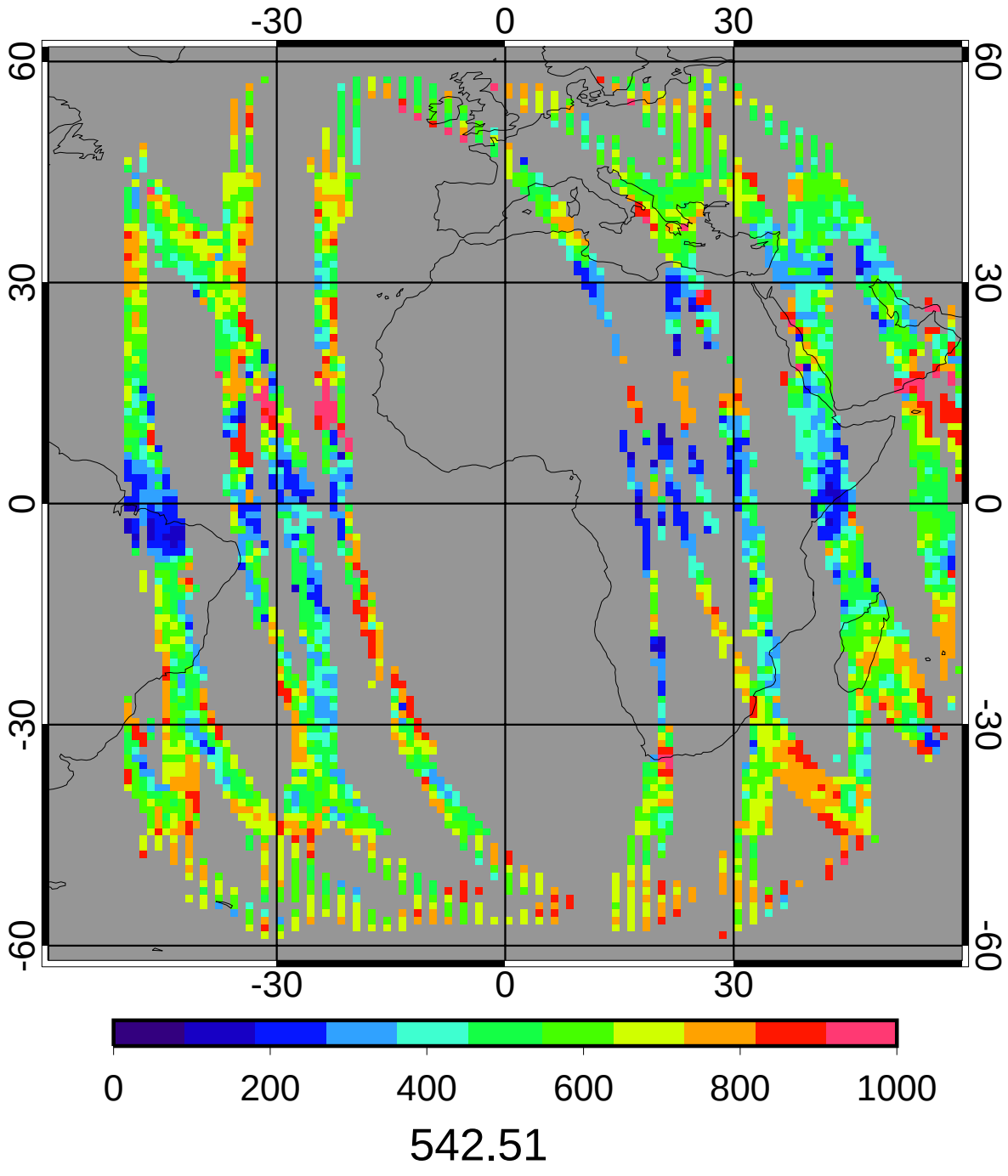
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

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



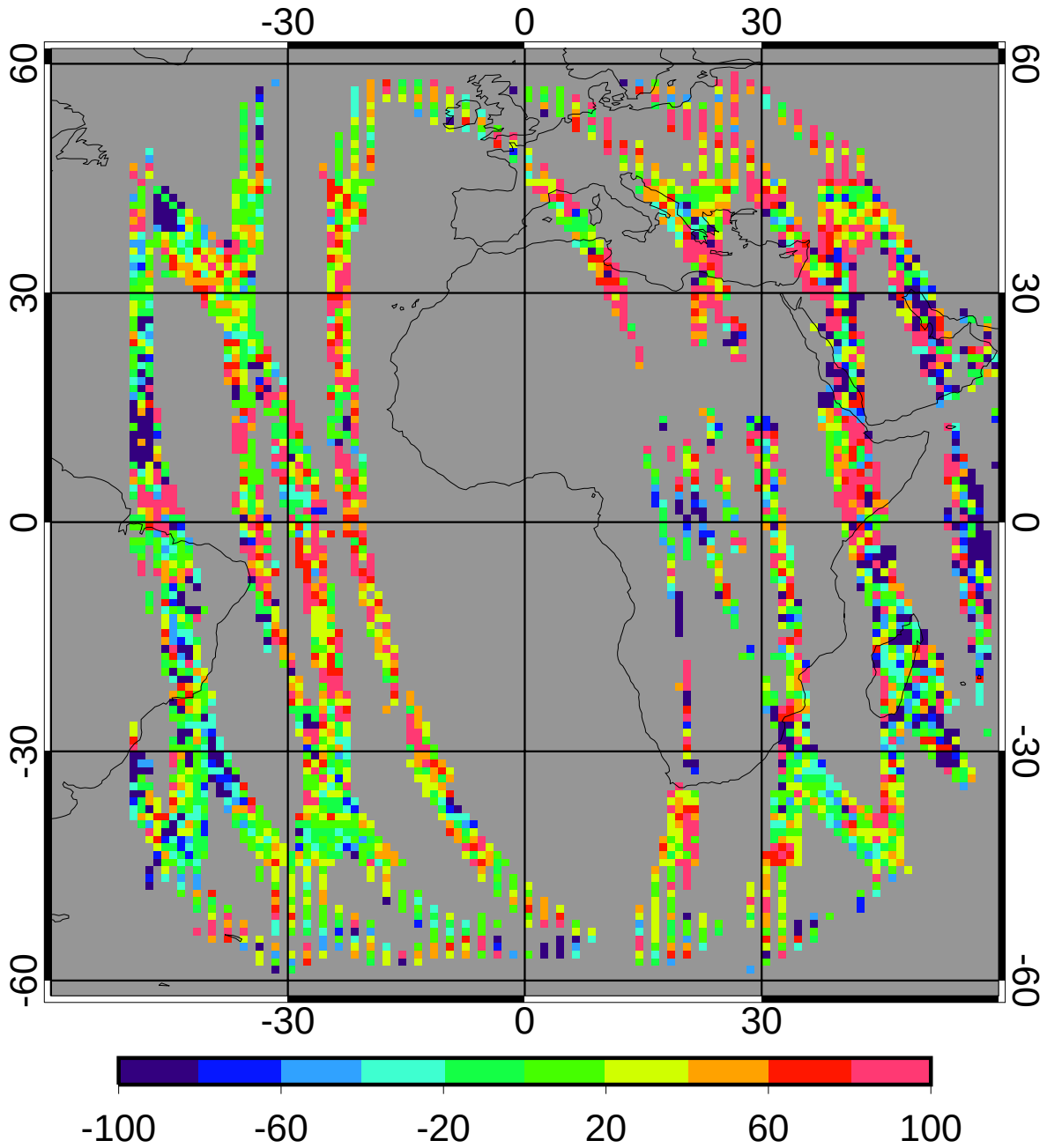
CERES/Terra MEAN Nighttime Cloud Eff Pressure (mb)

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



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

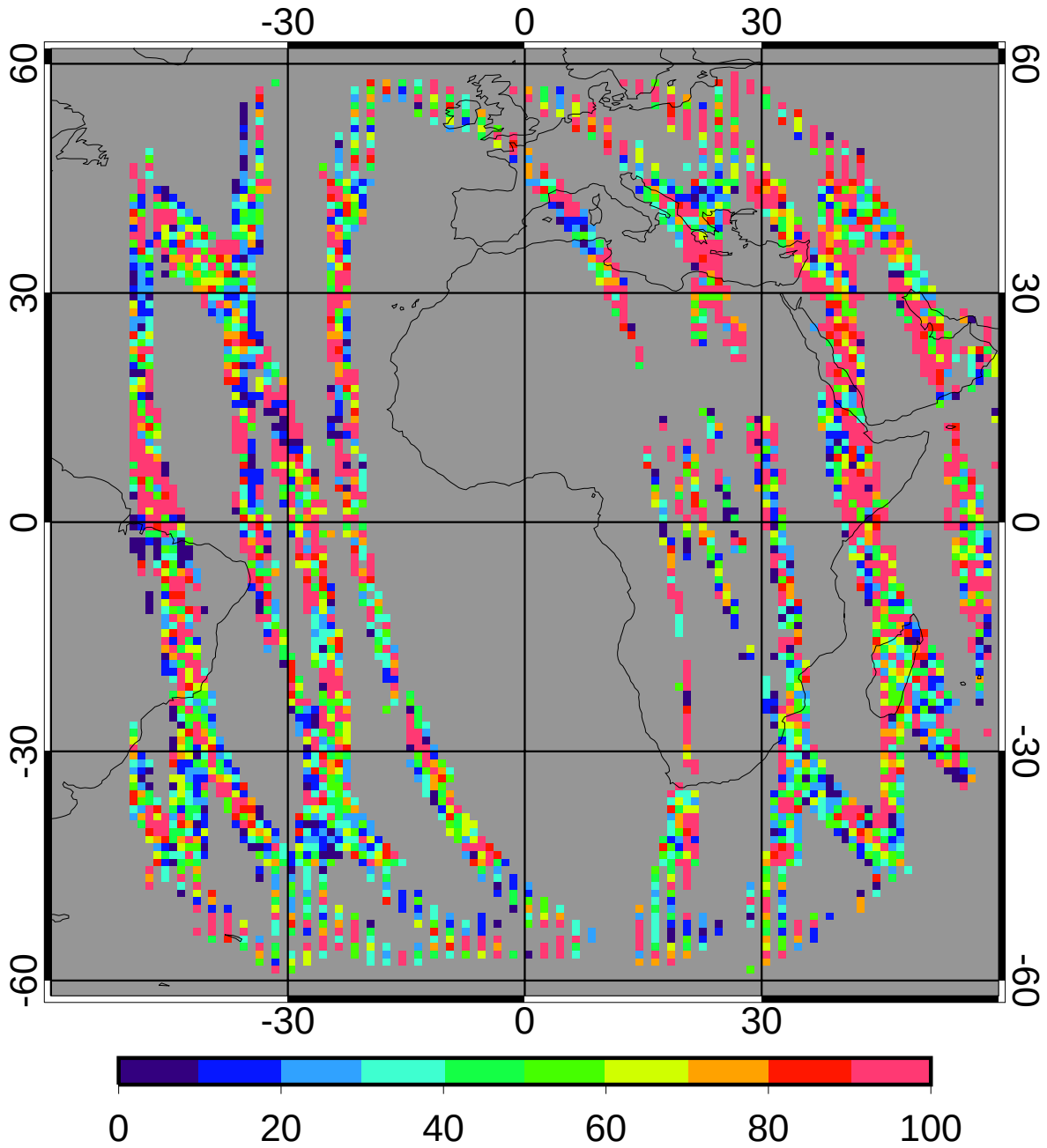
5ch Apr 2010 (matched angle) (lapse rate)



bias	14.28	2.63%
domain sigma	86.10	15.87%

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

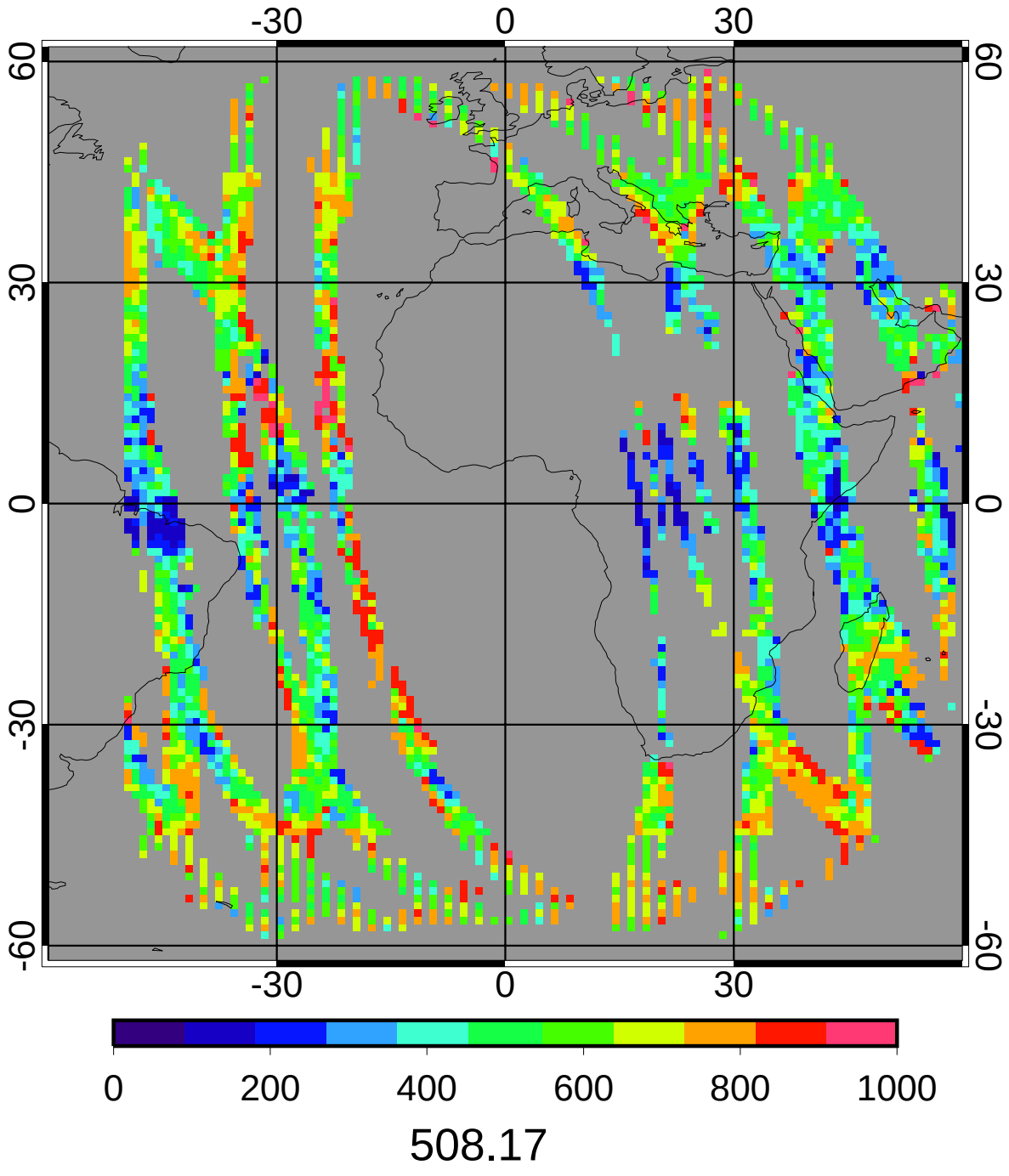
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	71.84	13.24%
domain rms	92.60	17.07%

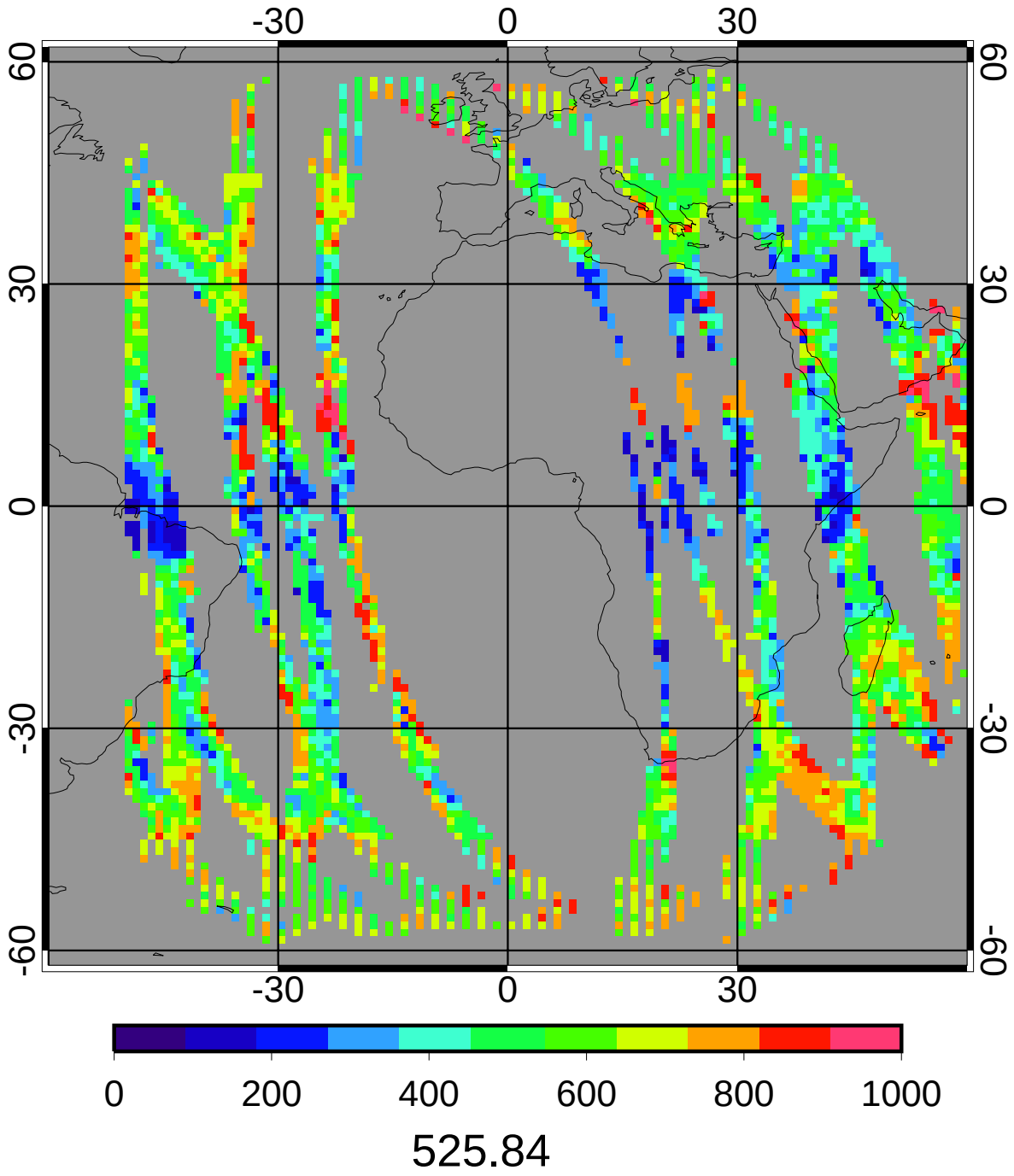
GGEO MEAN Nighttime Cloud Top Pressure (mb)

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



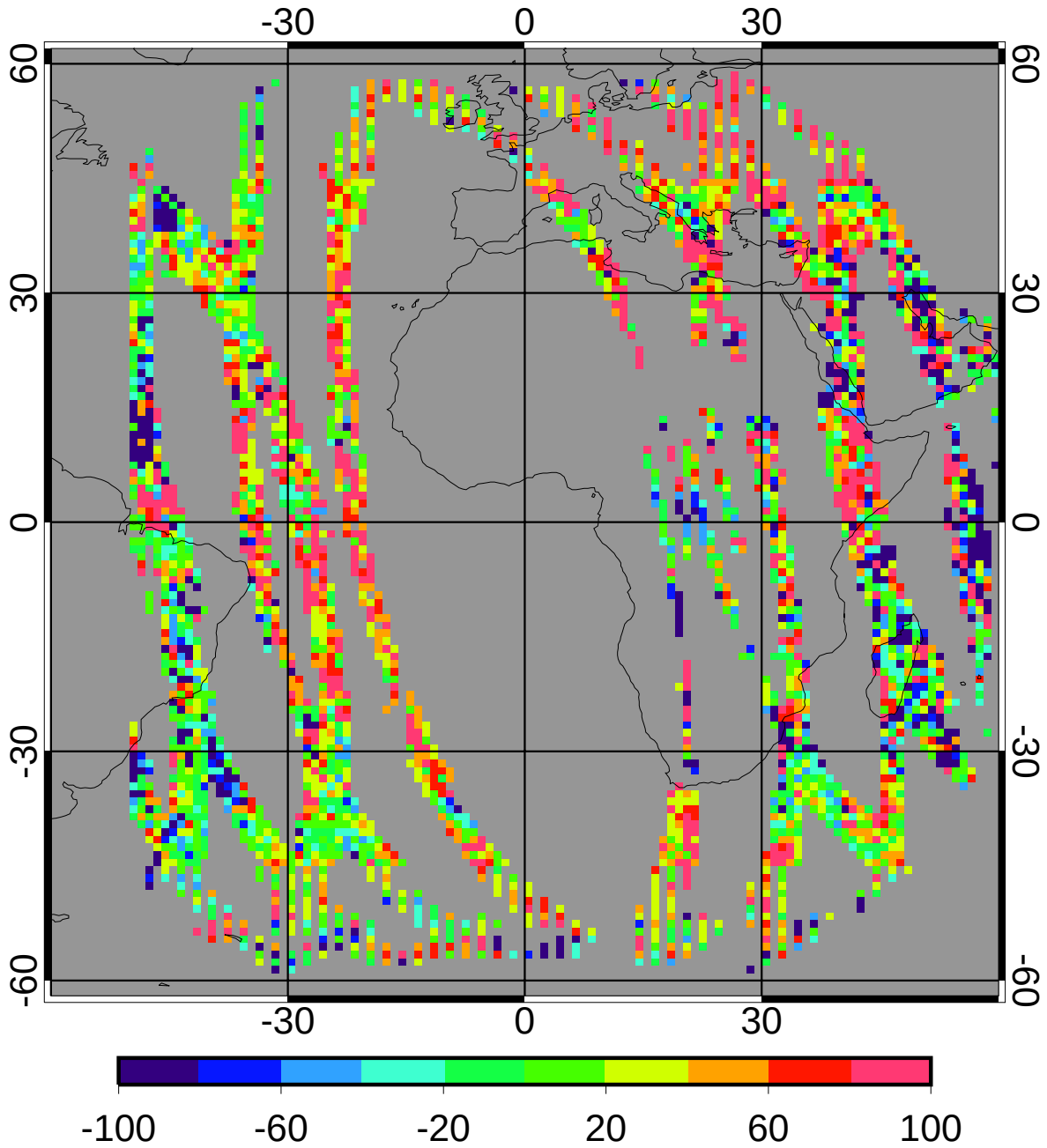
CERES/Terra MEAN Nighttime Cloud Top Pressure (mb)

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



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

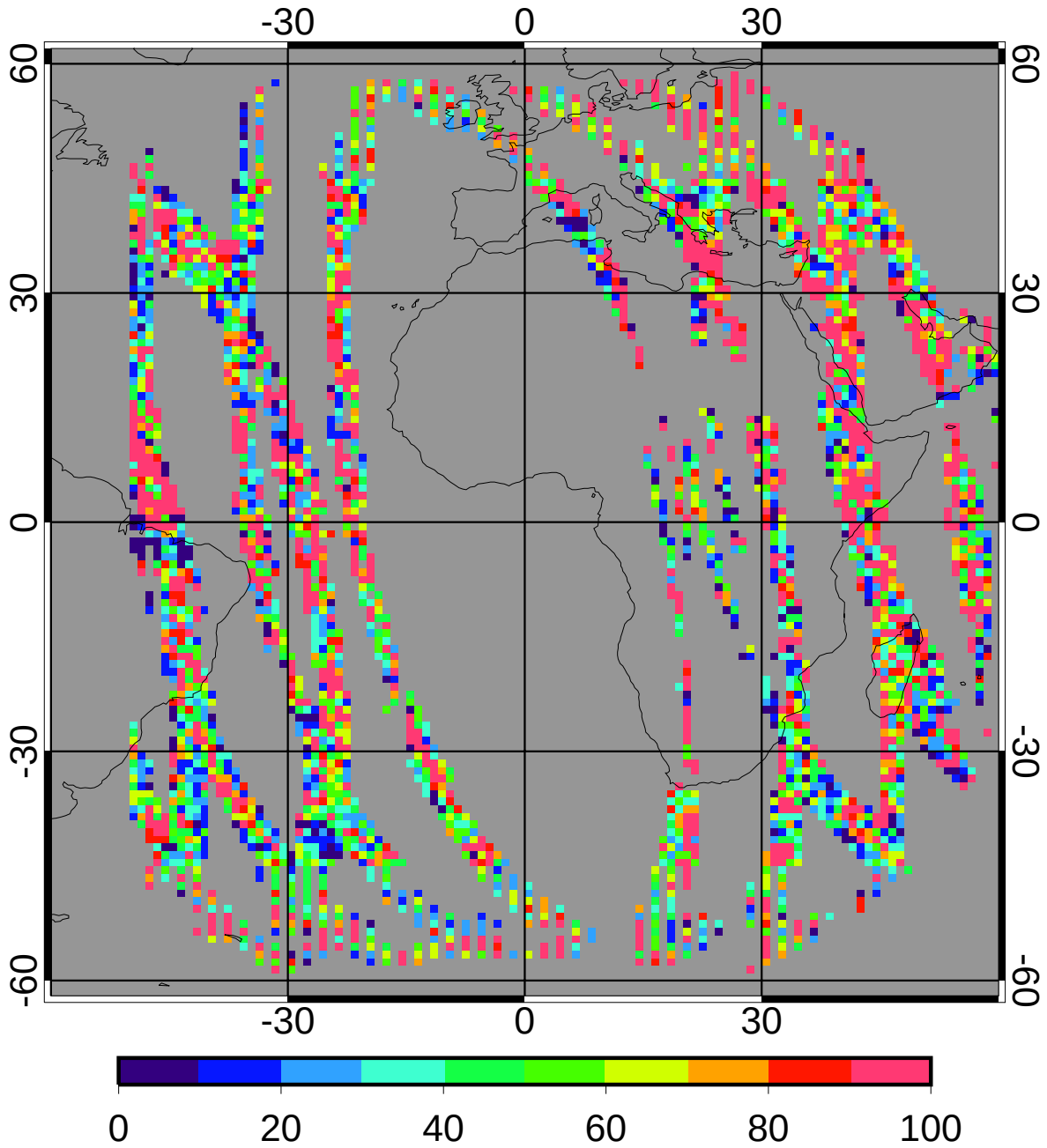
5ch Apr 2010 (matched angle) (lapse rate)



bias	16.72	3.18%
domain sigma	87.92	16.72%

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

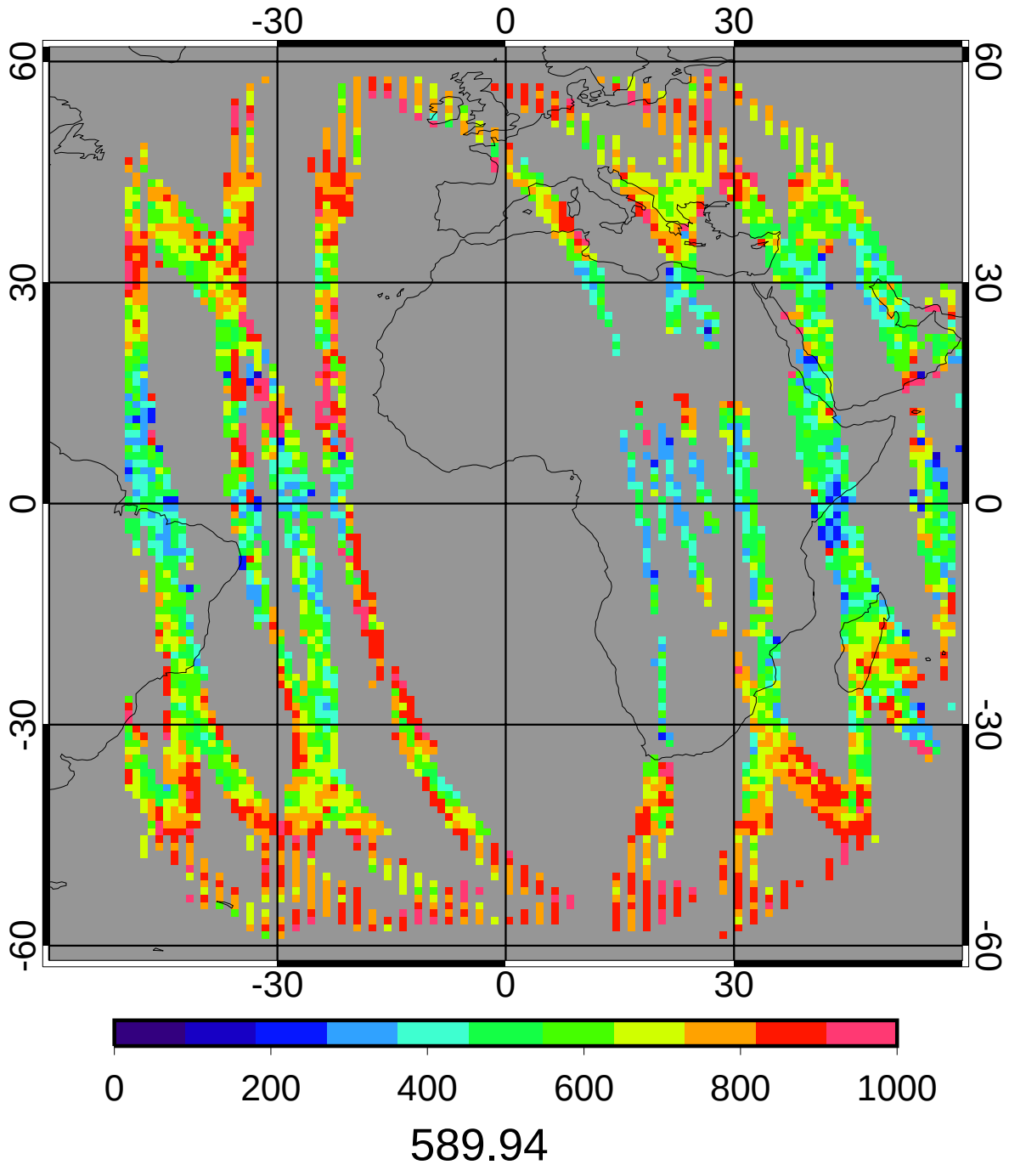
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	73.38	13.96%
domain rms	94.44	17.96%

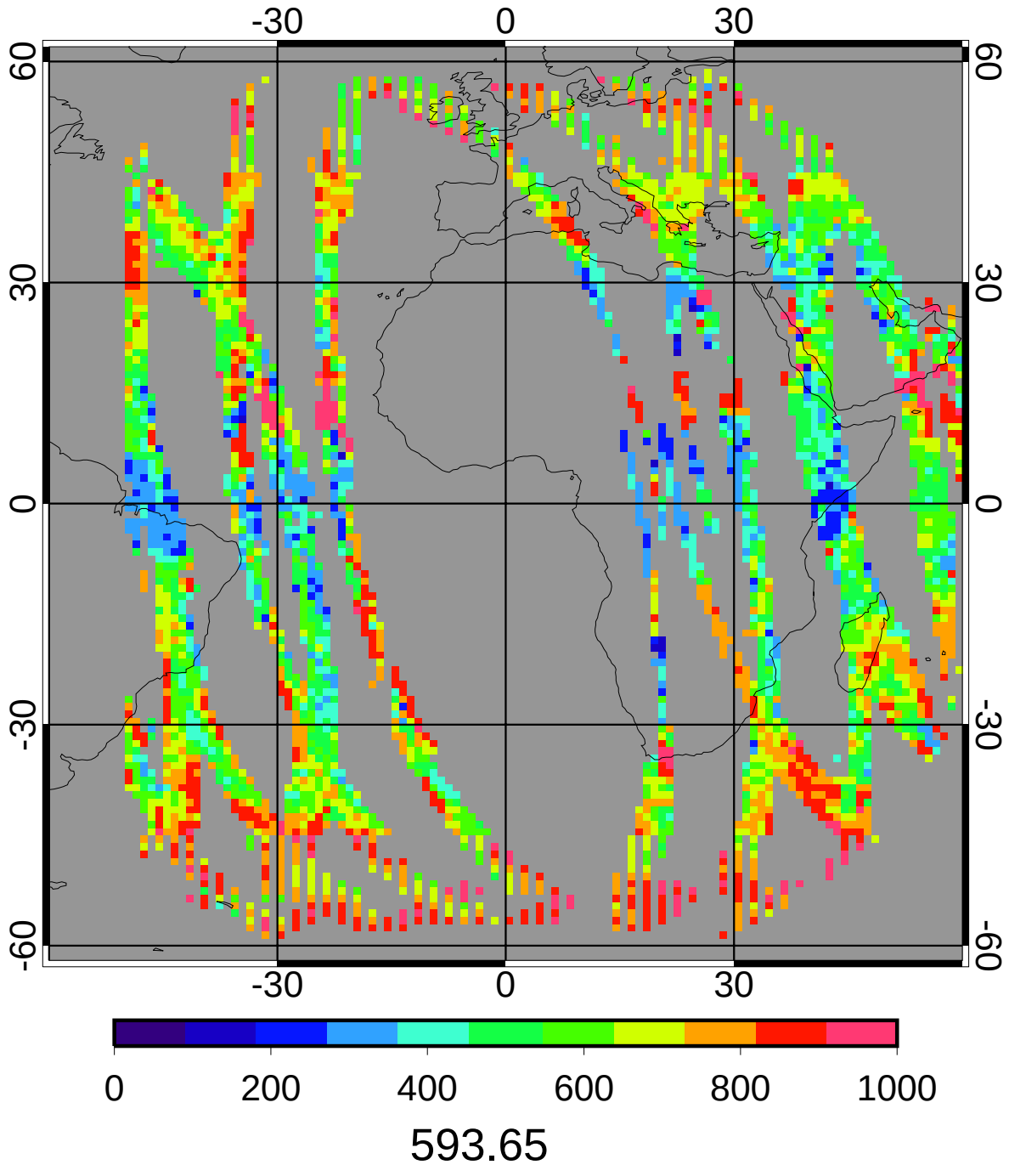
GGEO MEAN Nighttime Cloud Base Pressure (mb)

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



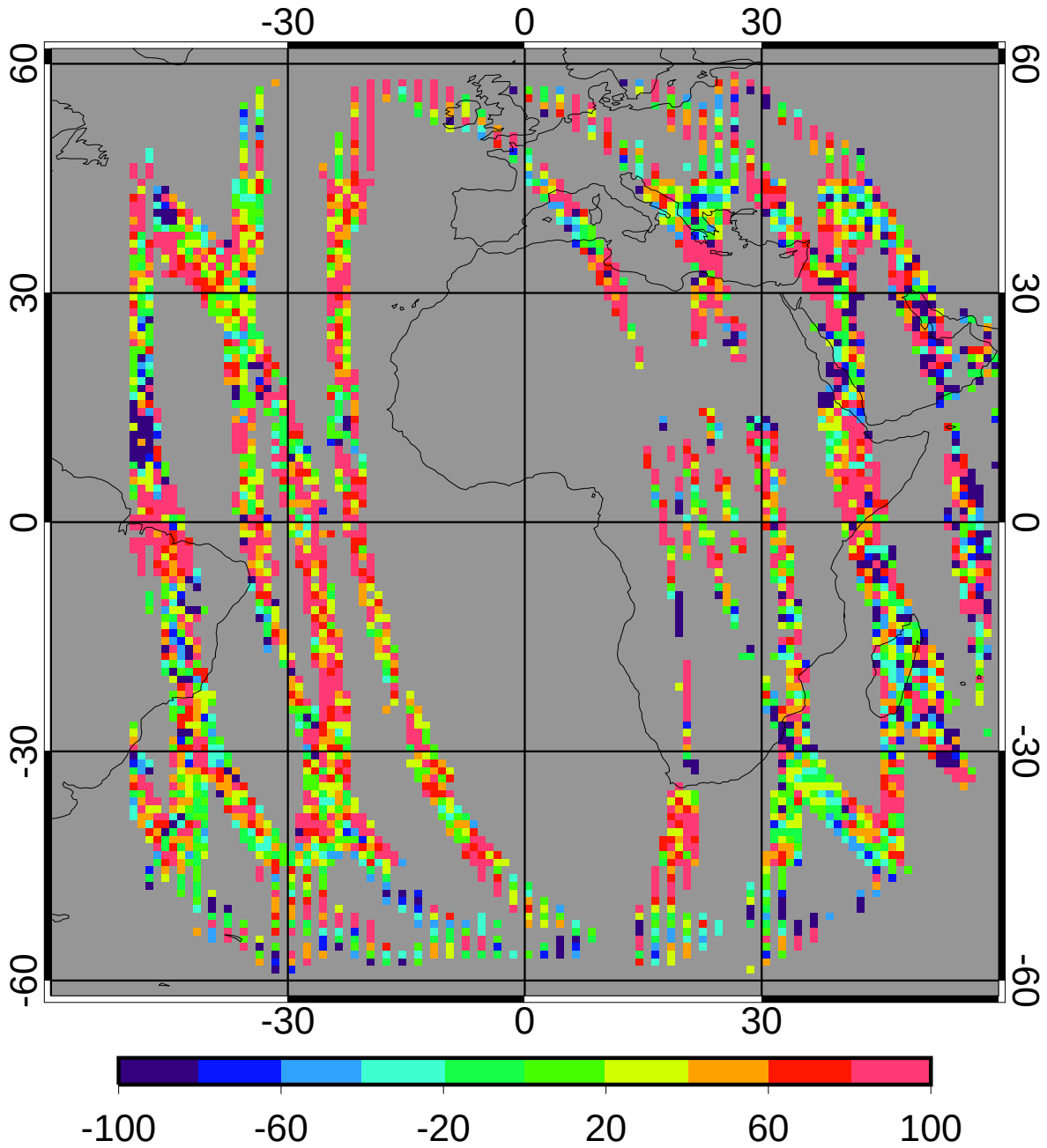
CERES/Terra MEAN Nighttime Cloud Base Pressure (mb)

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



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

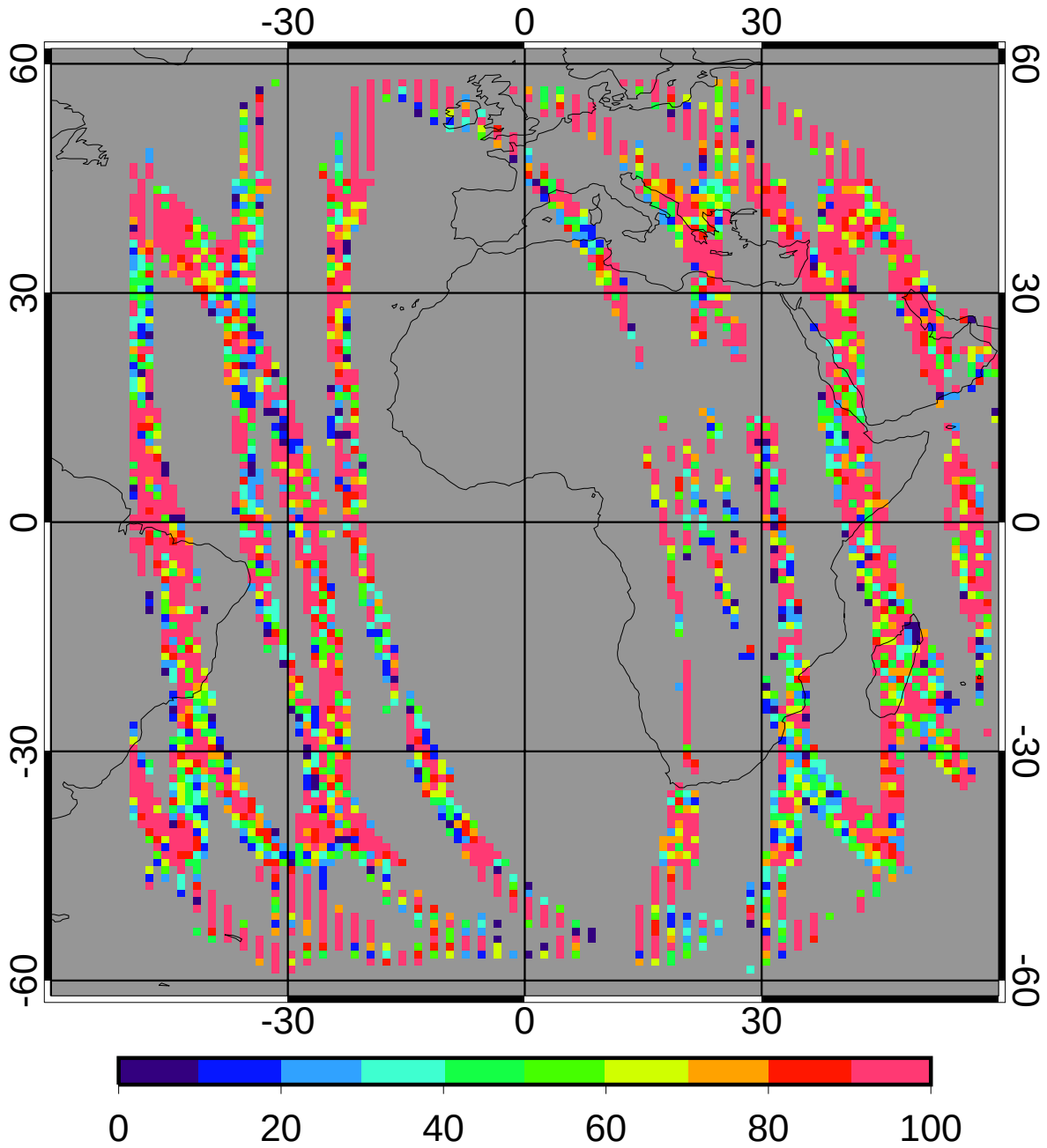
5ch Apr 2010 (matched angle) (lapse rate)



bias	32.50	5.47%
domain sigma	89.38	15.06%

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

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

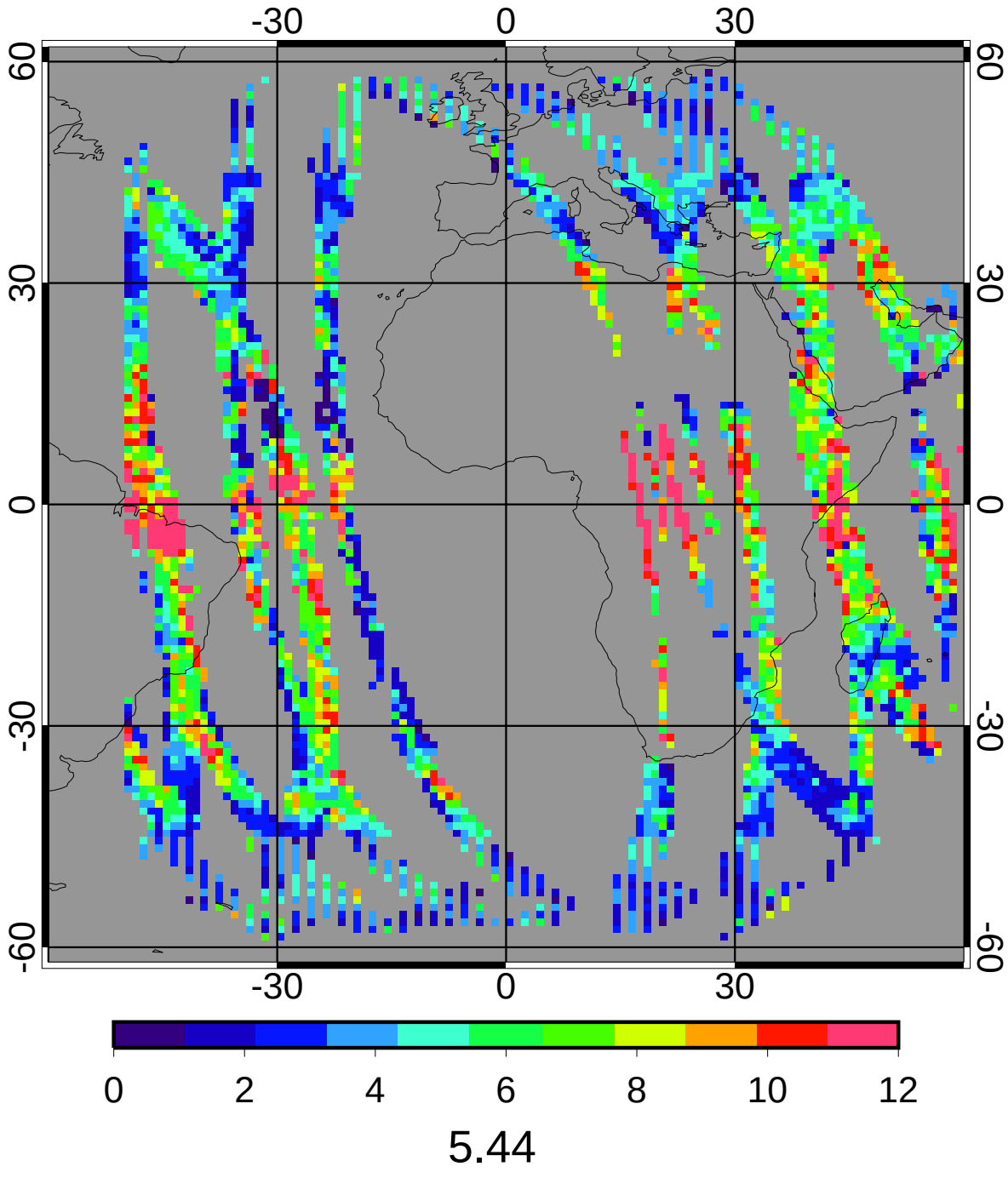


regave rms 89.04 15.00%

domain rms 108.62 18.30%

GGEO MEAN Nighttime Cloud Eff Height (km)

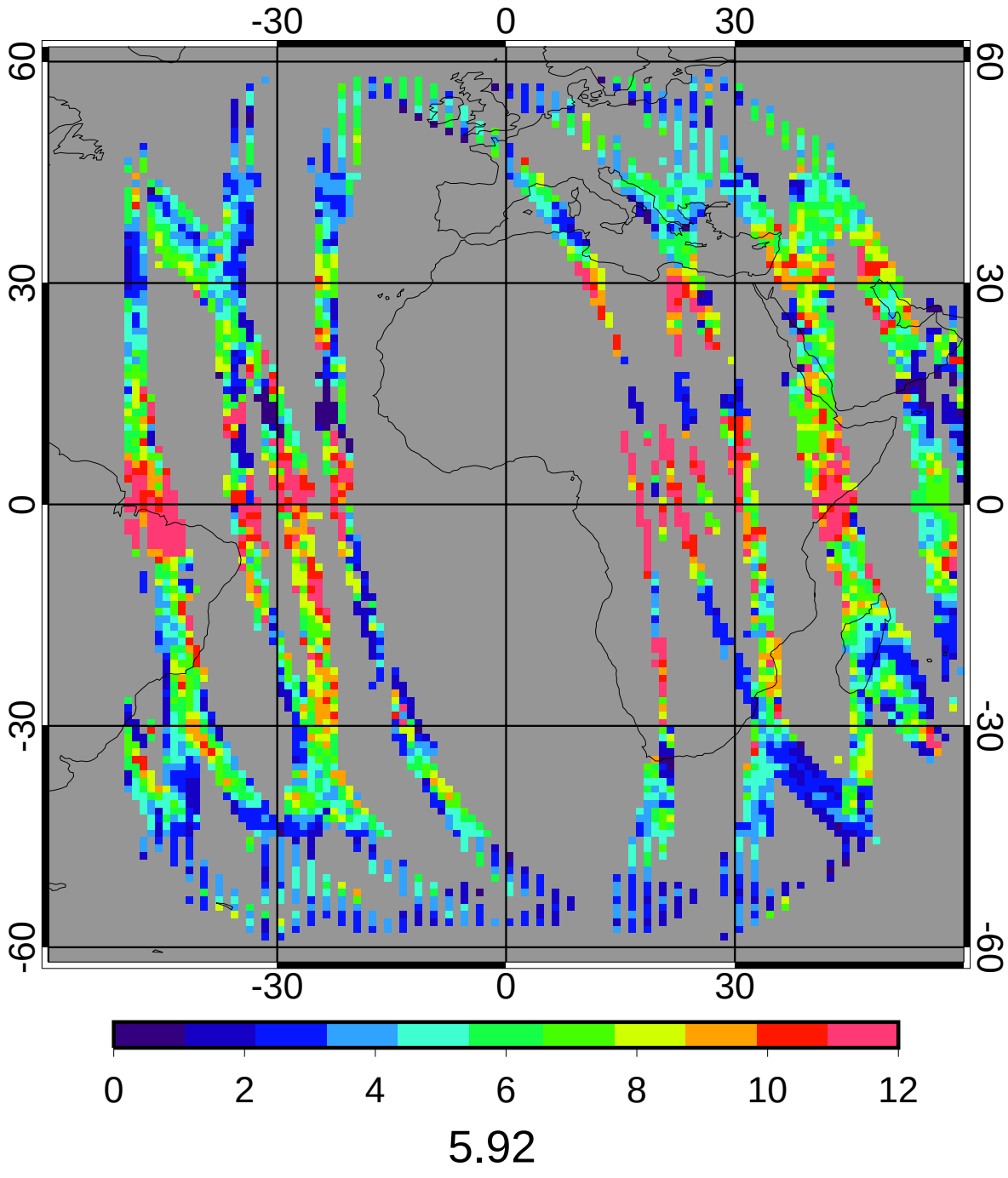
5ch Apr 2010 (matched angle) (lapse rate)



5.44

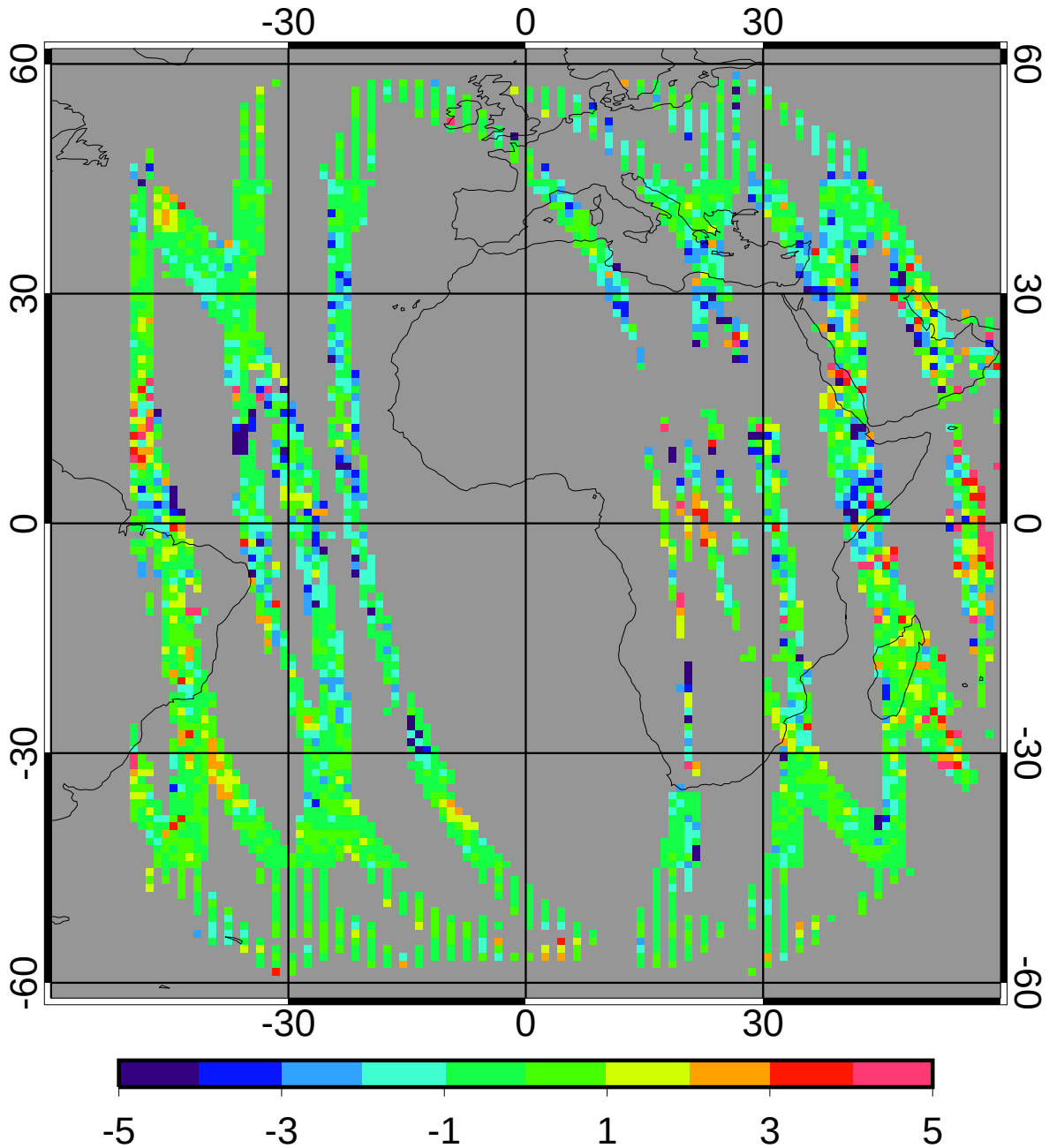
CERES/Terra MEAN Nighttime Cloud Eff Height (km)

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



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

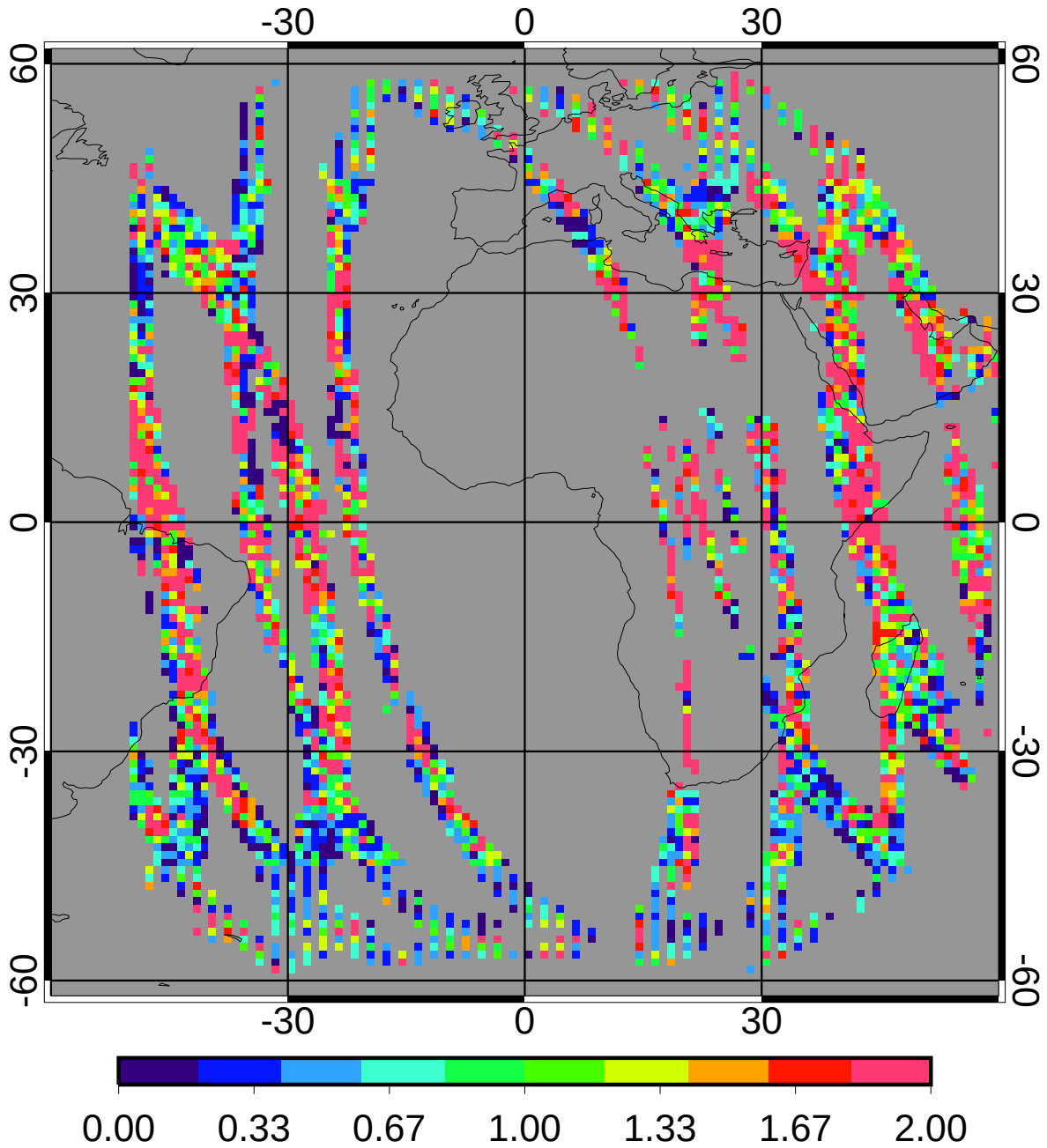
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.31	-5.24%
domain sigma	1.51	25.52%

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

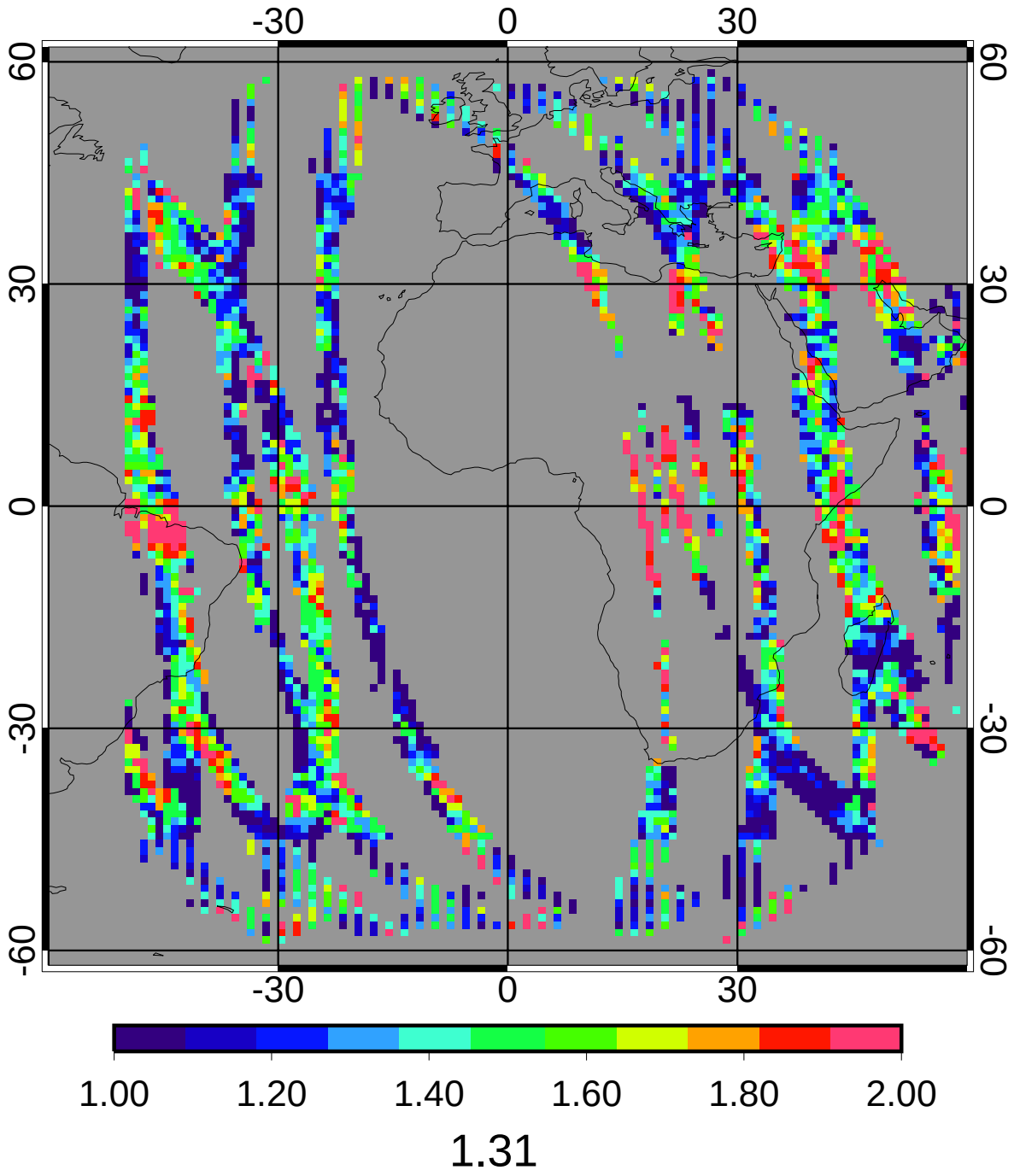
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	1.31	22.18%
domain rms	1.68	28.46%

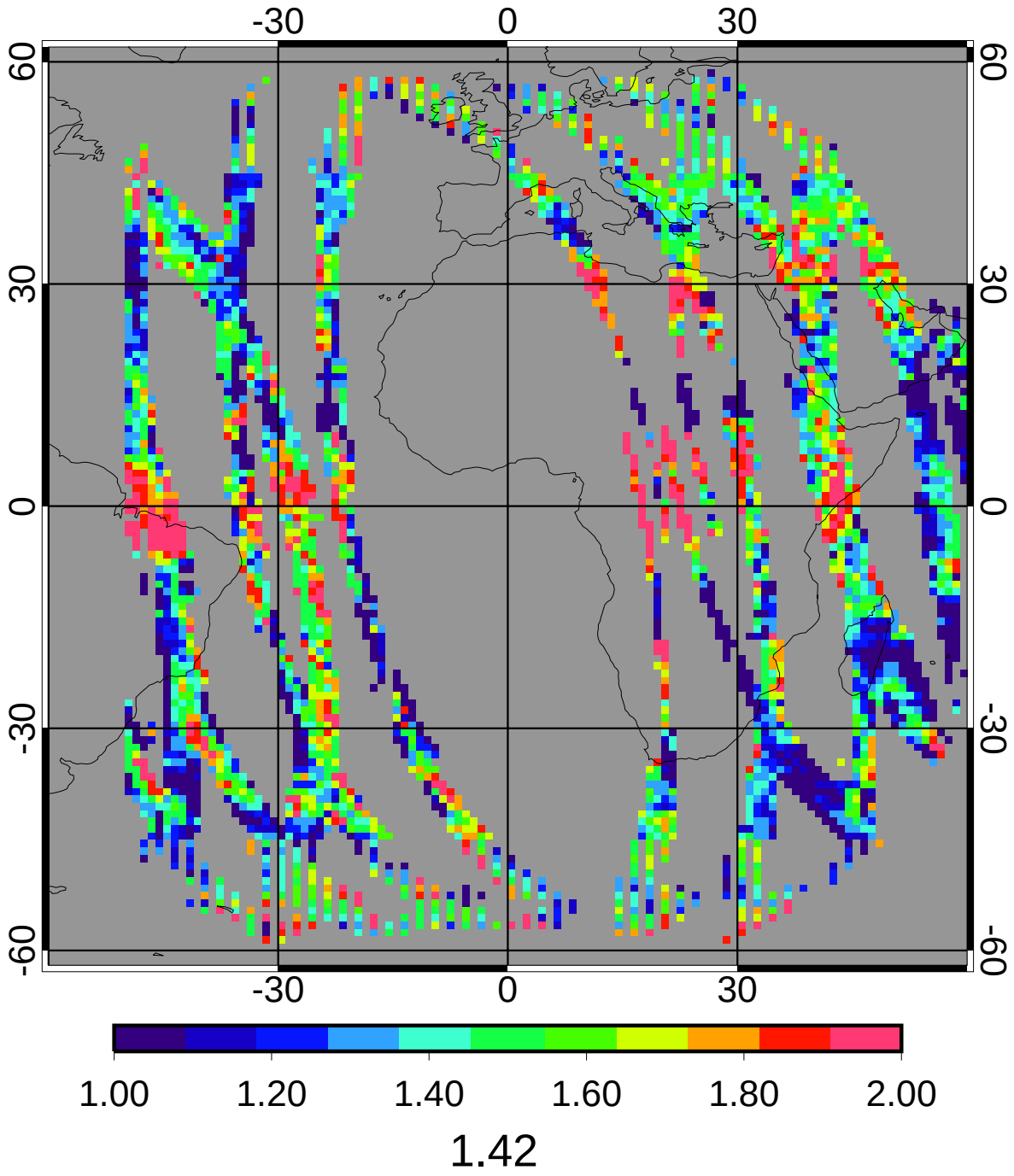
GGEO MEAN Nighttime Cloud Phase

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



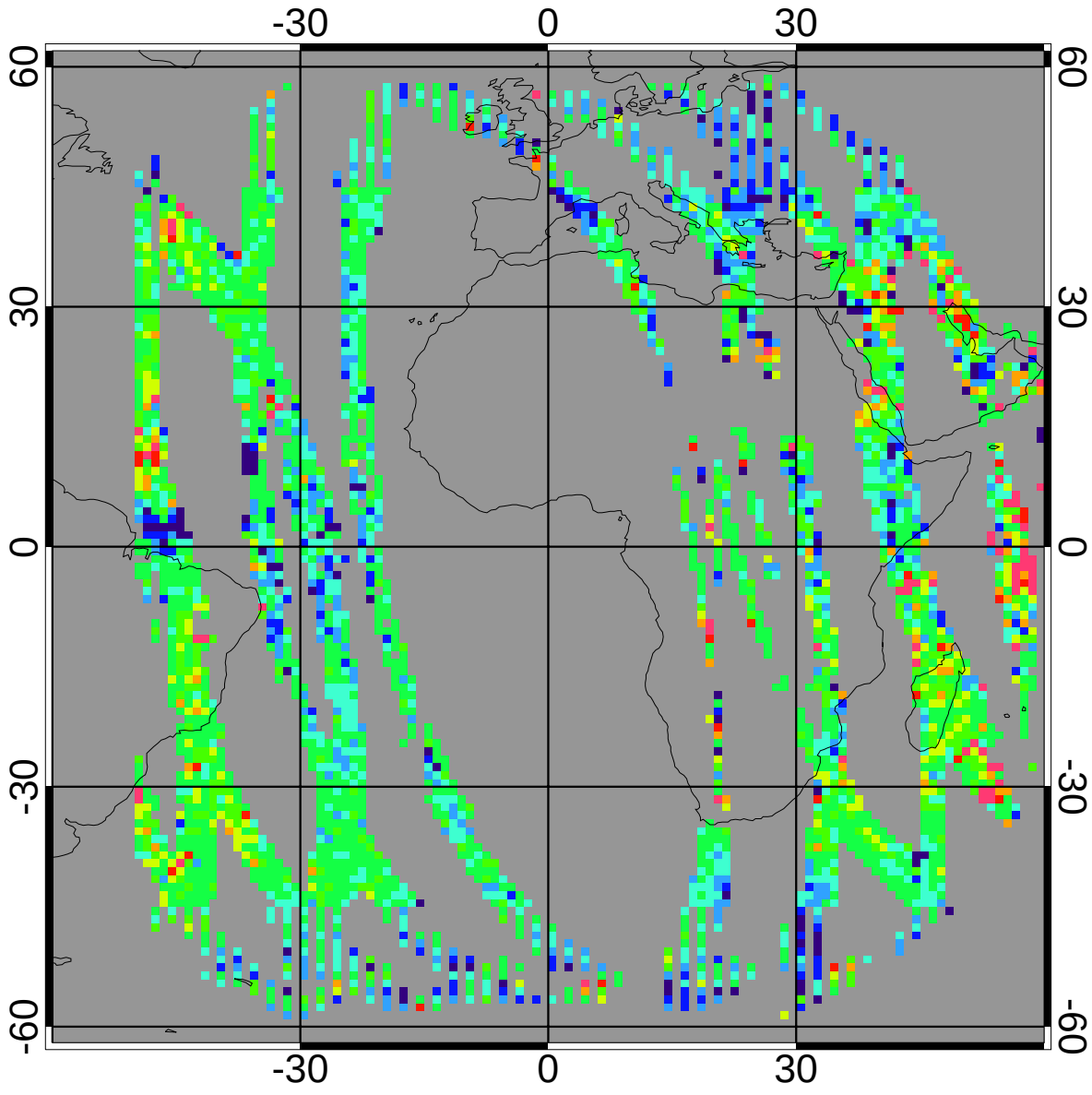
CERES/Terra MEAN Nighttime Cloud Phase

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



GGEO - CERES/Terra Nighttime Cloud Phase Bias

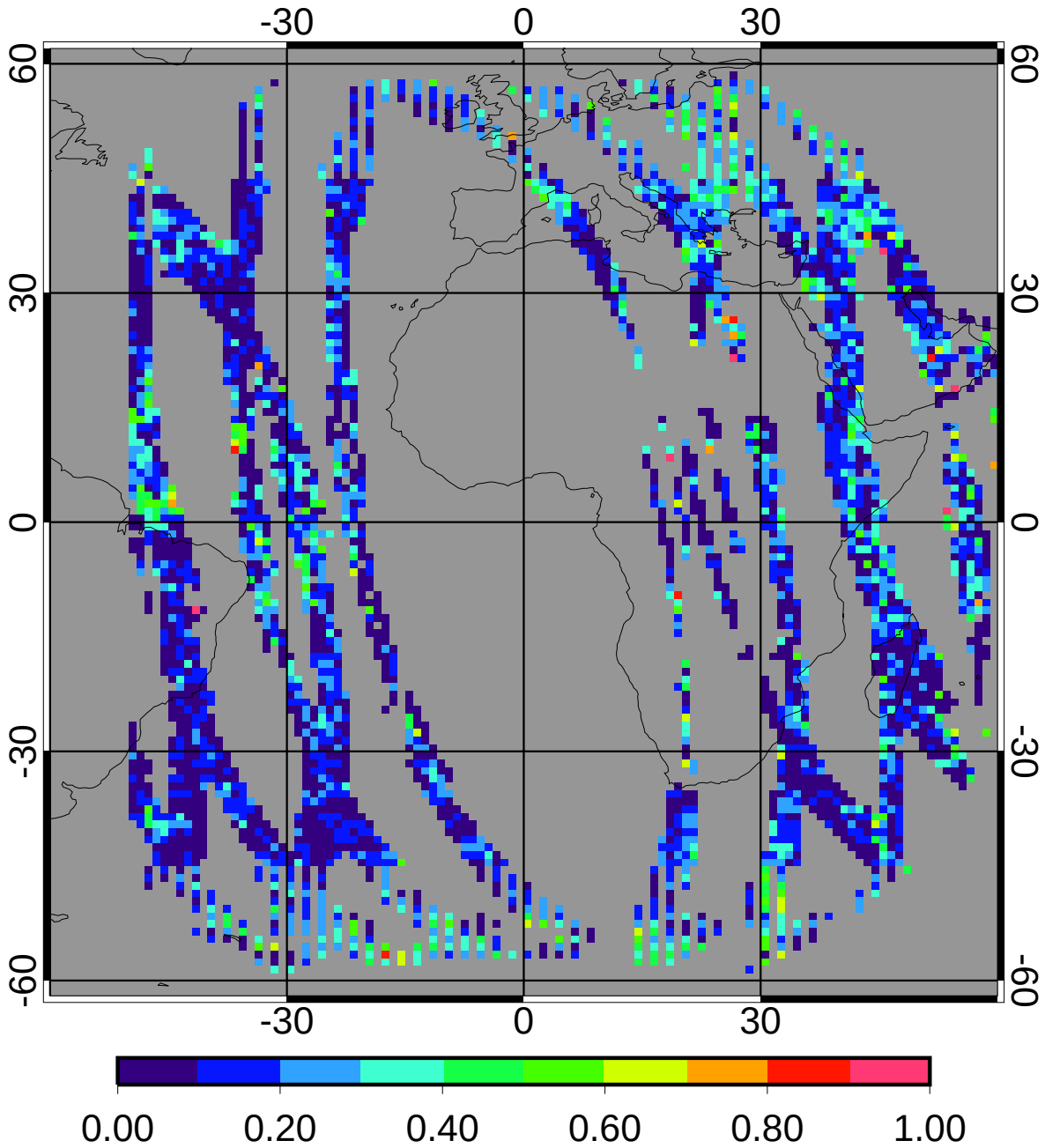
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.06	-3.94%
domain sigma	0.17	11.67%

GGEO - CERES/Terra Nighttime Cloud Phase RMS

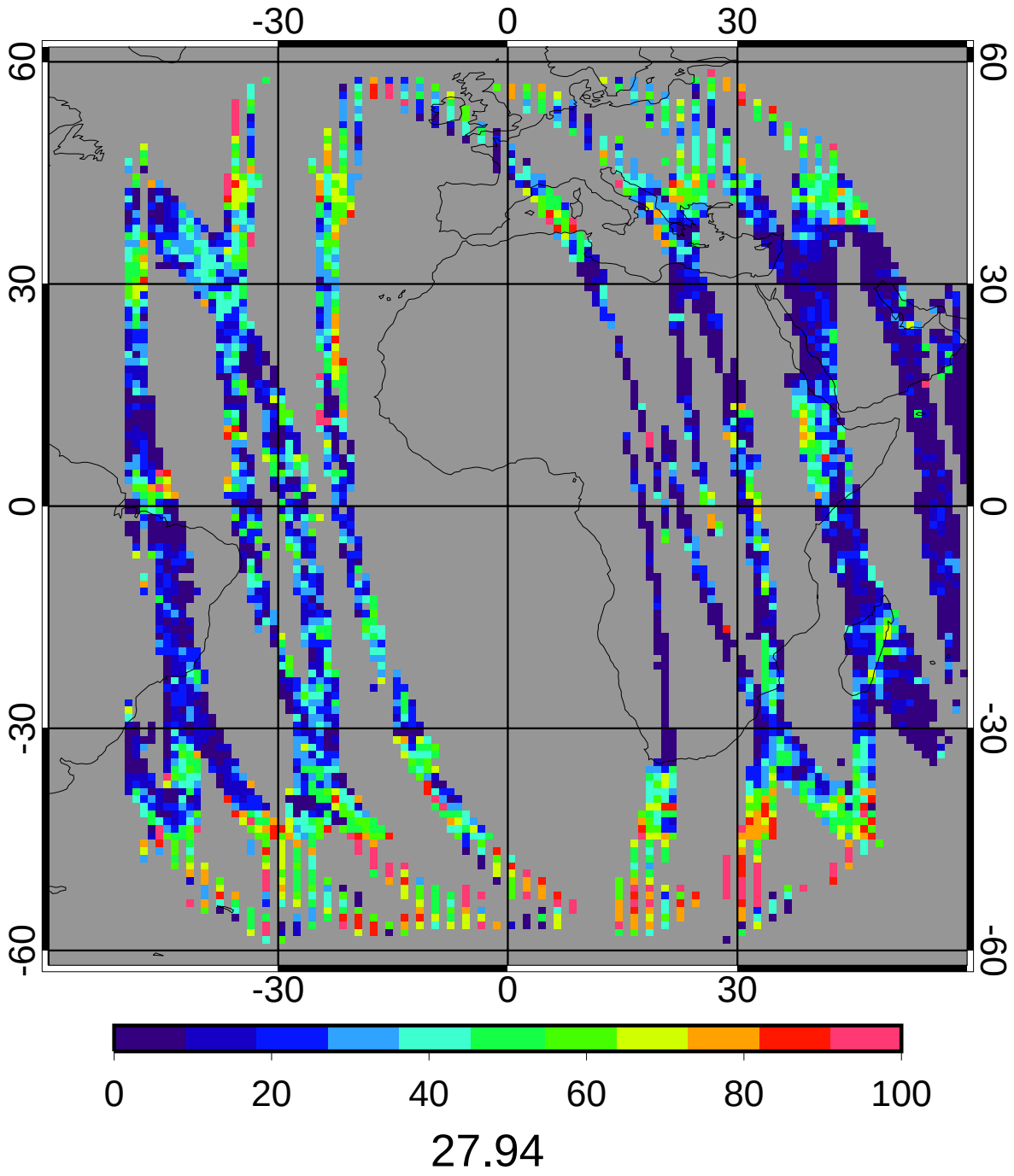
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.15	10.86%
domain rms	0.20	14.15%

GGEO MEAN Nighttime Liquid Cld Amt (%)

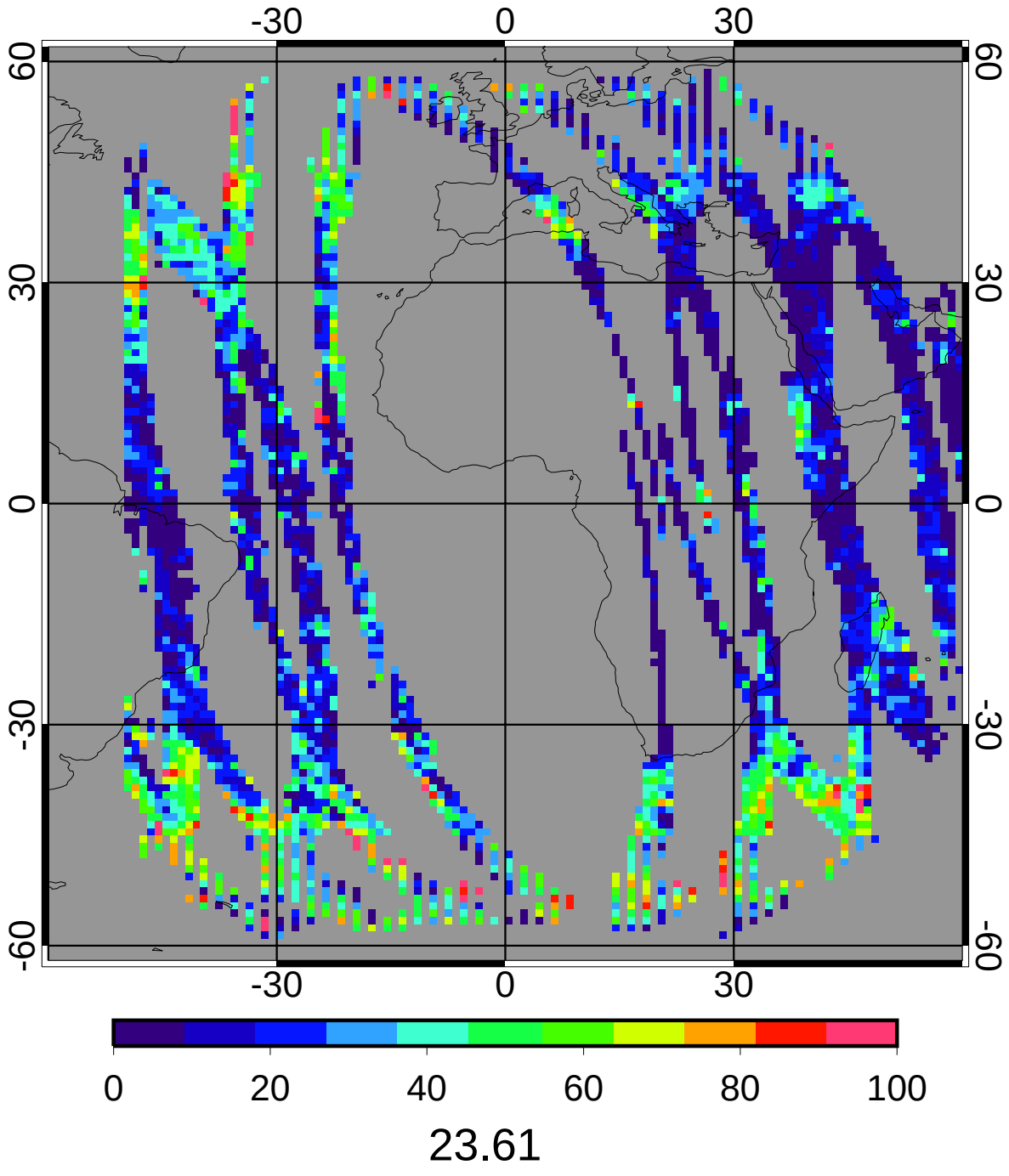
5ch Apr 2010 (matched angle) (lapse rate)



27.94

CERES/Terra MEAN Nighttime Liquid Cld Amt (%)

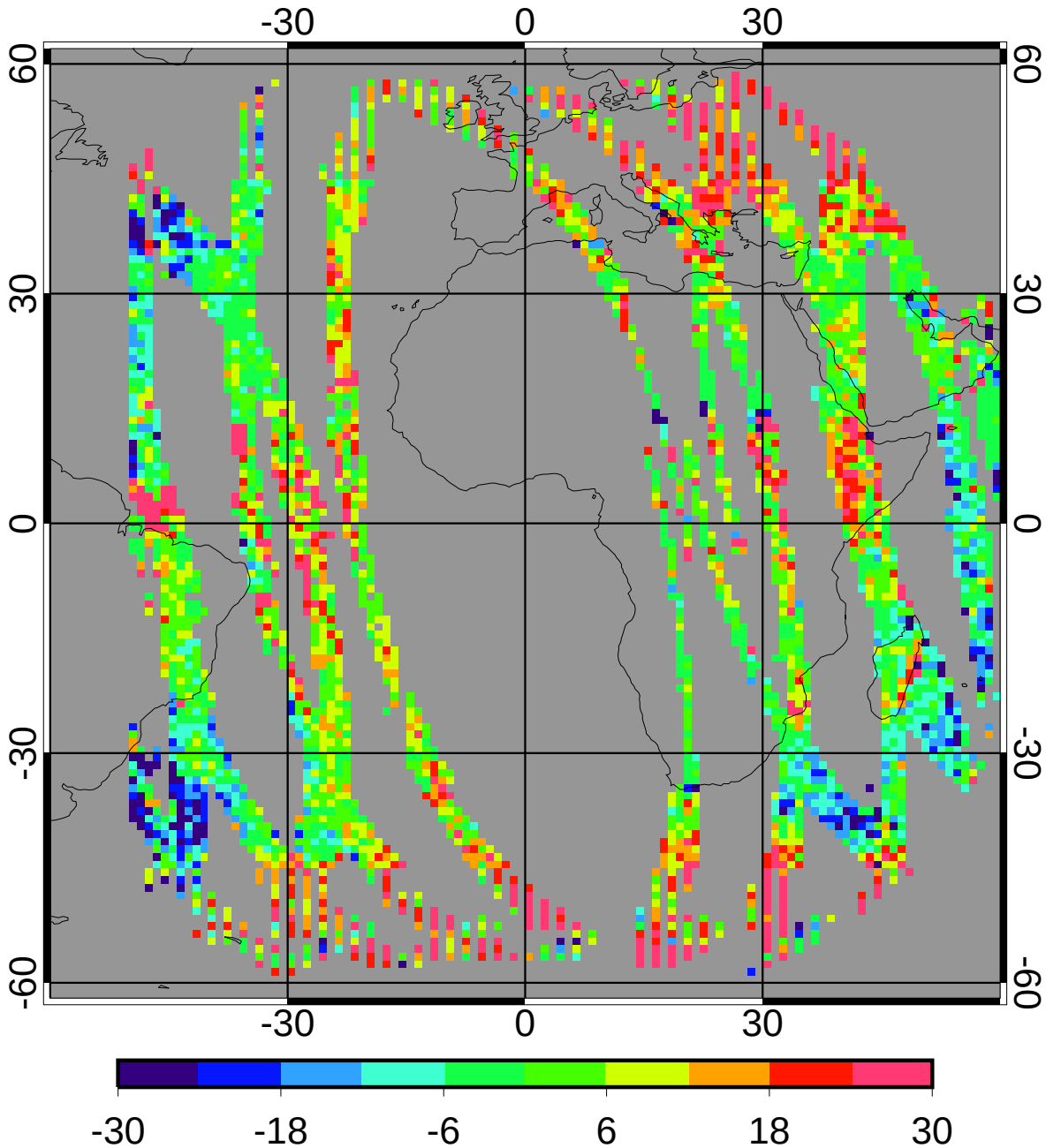
5ch Apr 2010 (matched angle) (lapse rate)



23.61

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

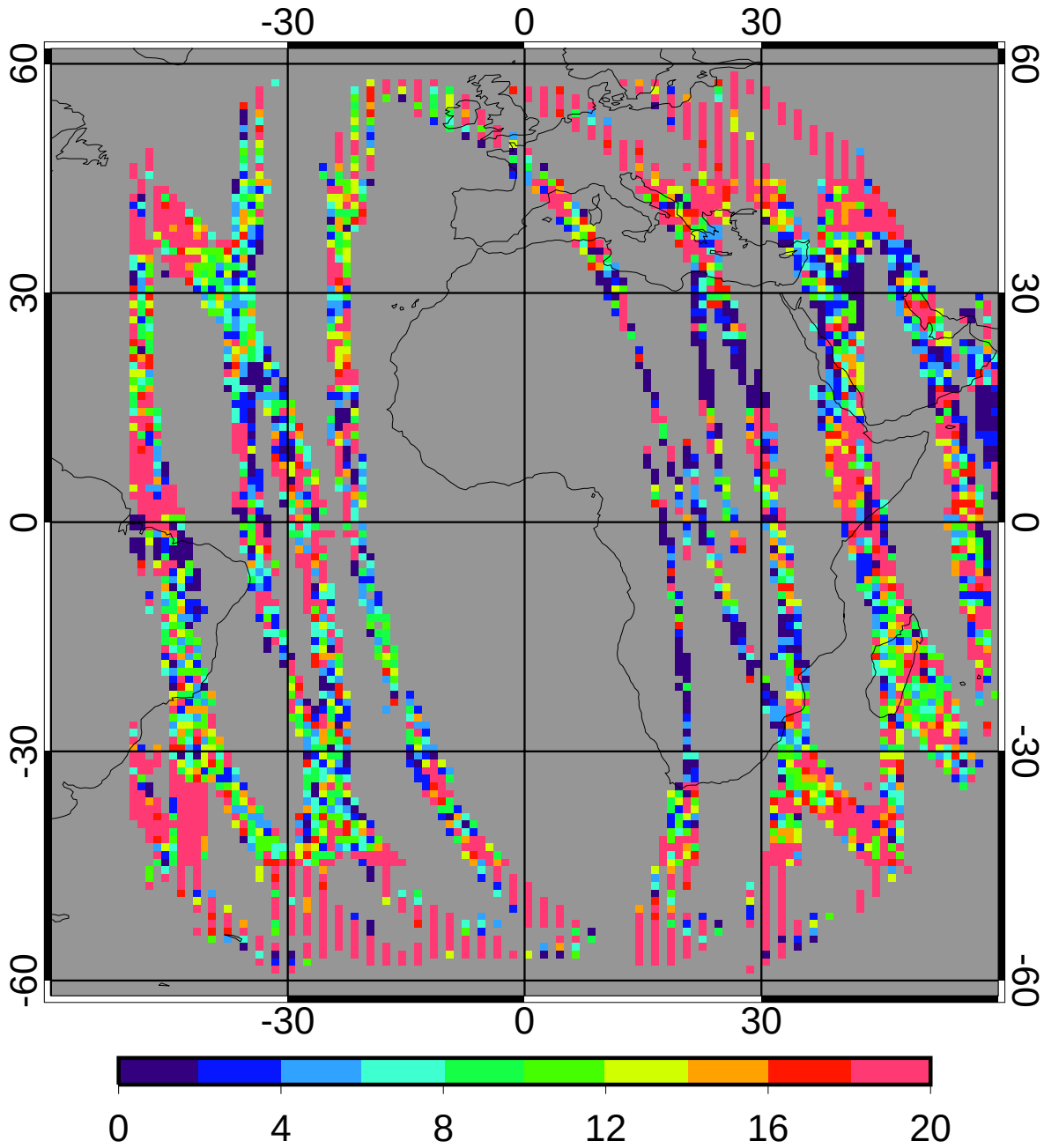
5ch Apr 2010 (matched angle) (lapse rate)



bias	4.32	18.31%
domain sigma	13.21	55.95%

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

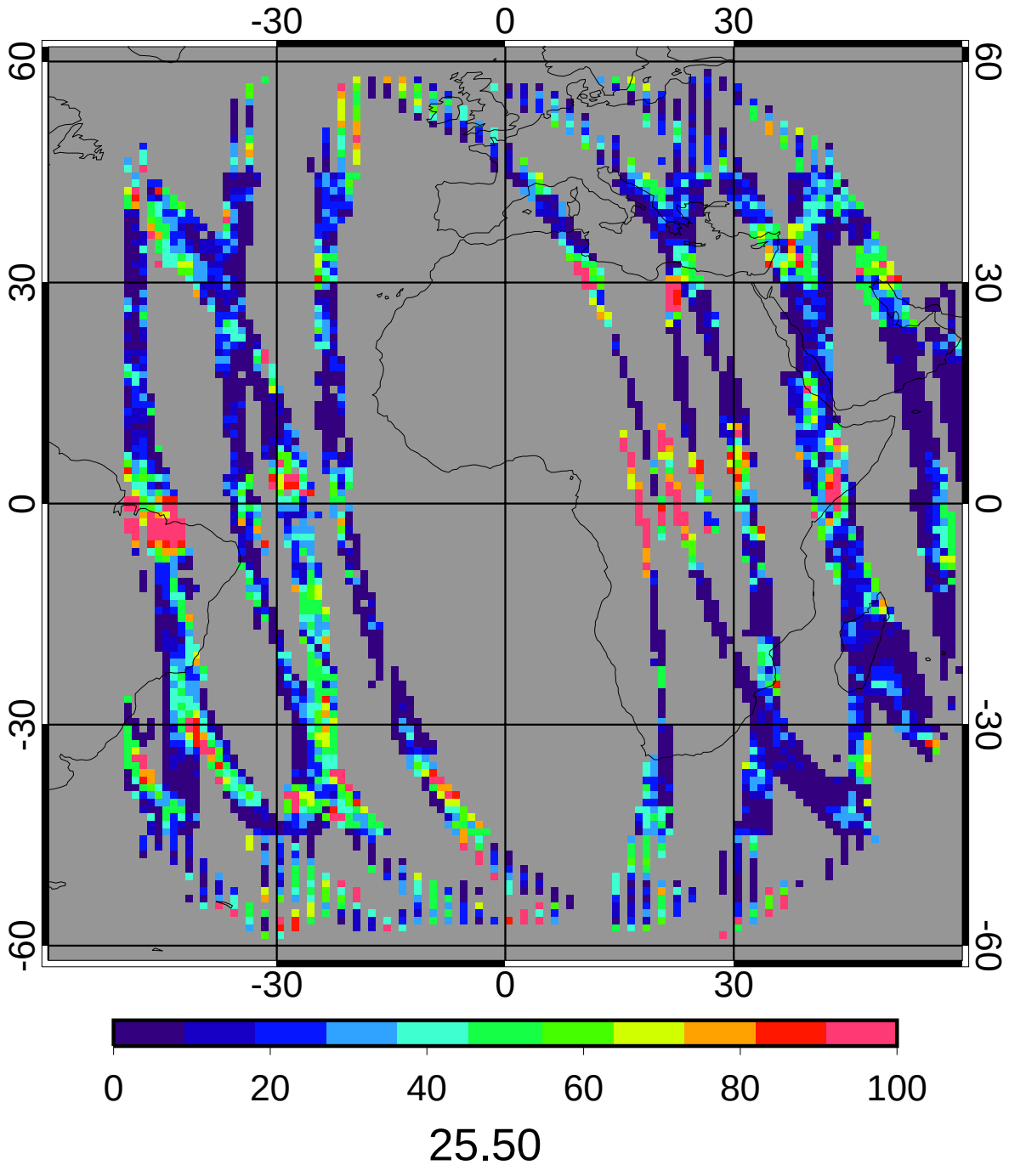
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	14.56	61.68%
domain rms	17.94	75.98%

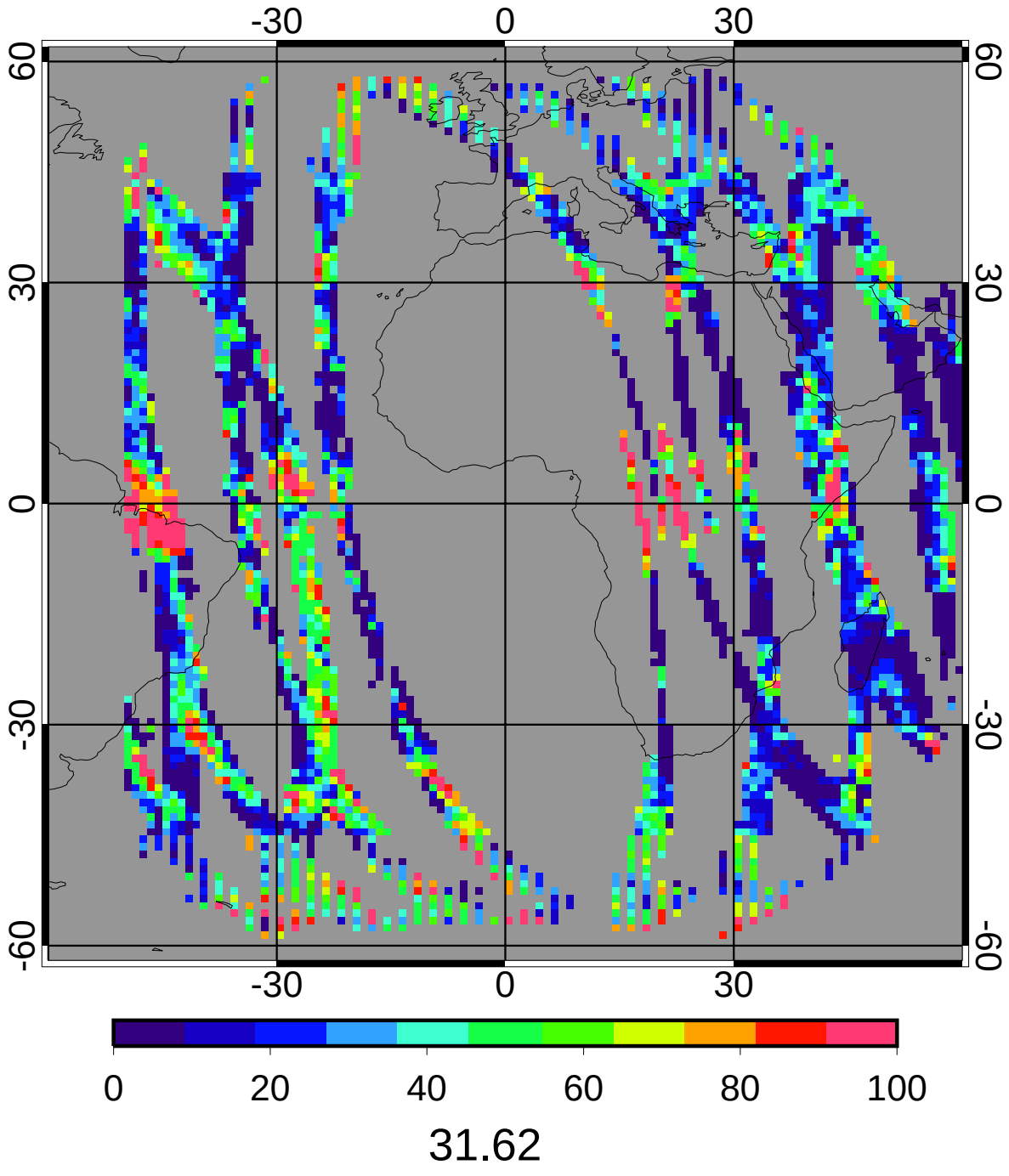
GGEO MEAN Nighttime Ice Cld Amt (%)

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



CERES/Terra MEAN Nighttime Ice Cld Amt (%)

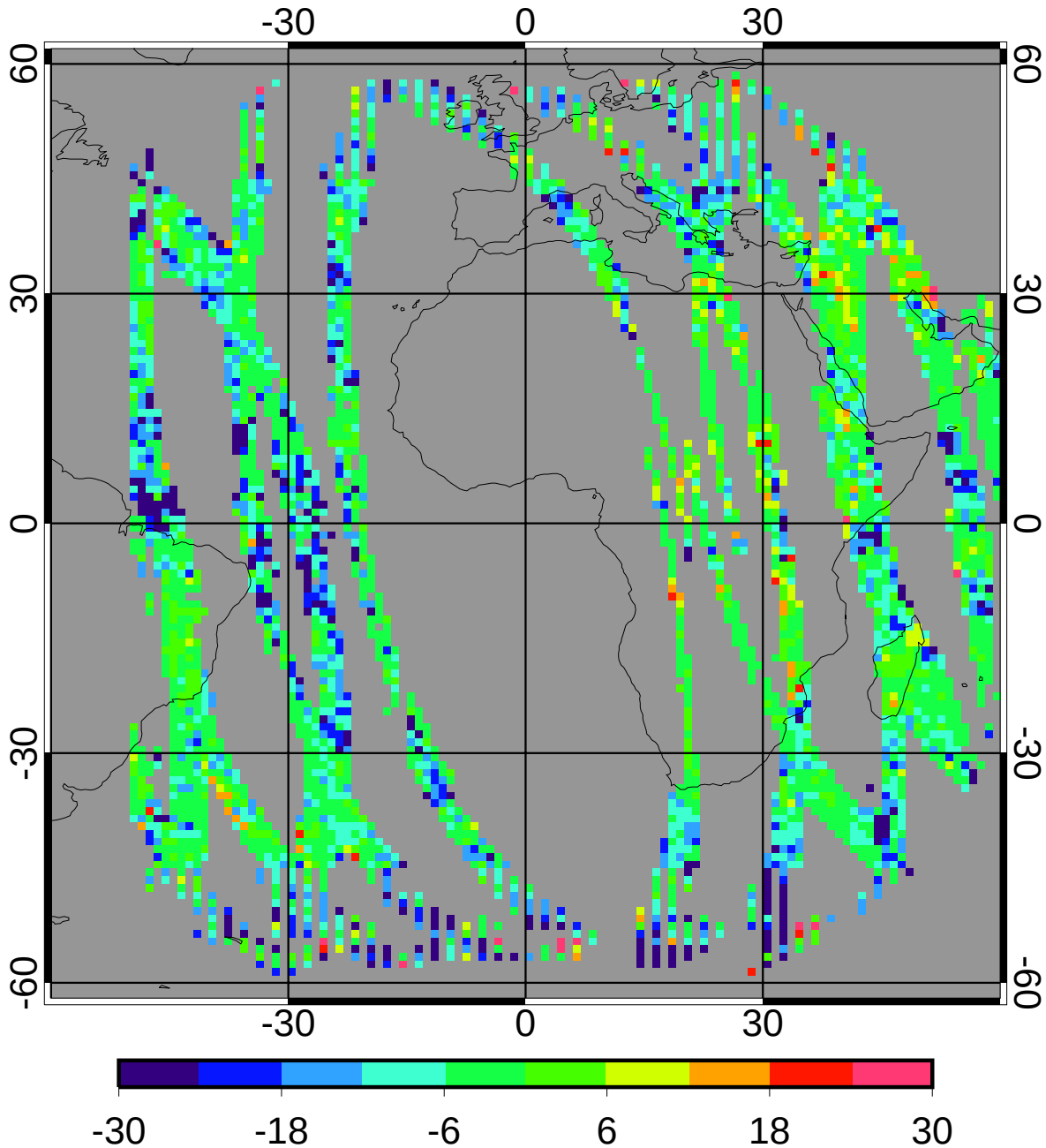
5ch Apr 2010 (matched angle) (lapse rate)



31.62

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

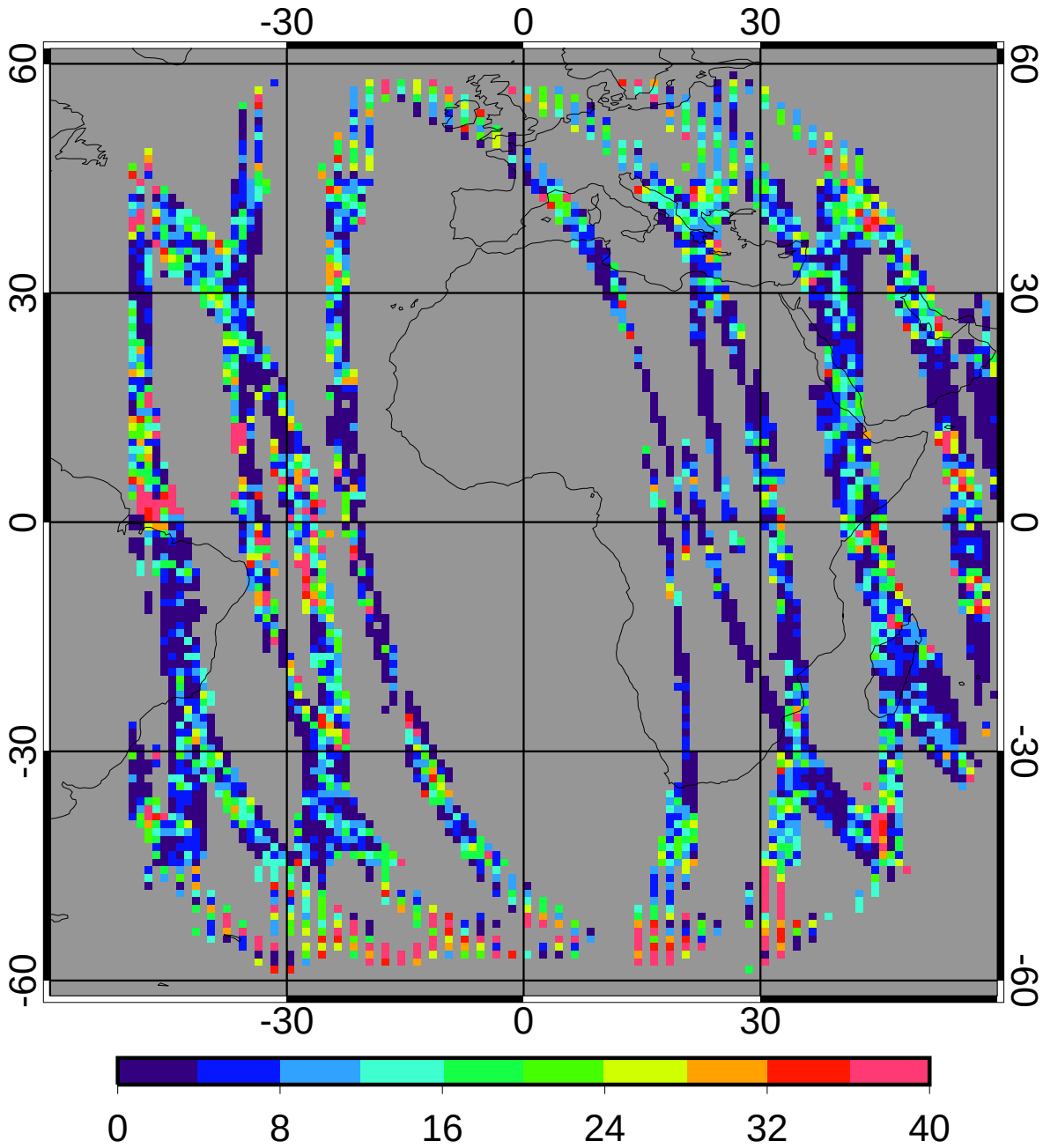
5ch Apr 2010 (matched angle) (lapse rate)



bias	-6.11	-19.34%
domain sigma	9.48	29.97%

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

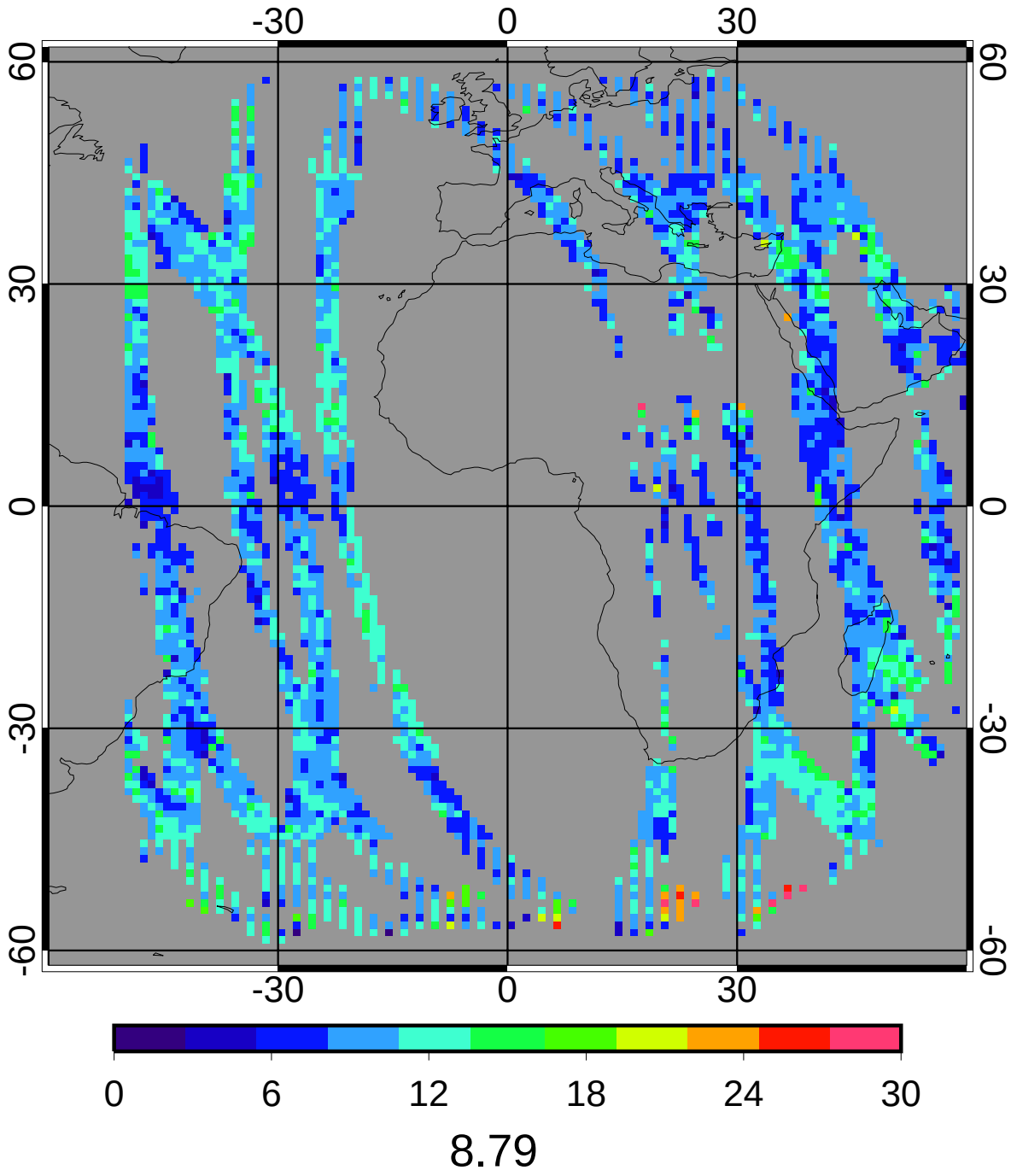
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	11.05	34.94%
domain rms	14.87	47.04%

GGEO MEAN Nighttime Liquid Particle Size (microns)

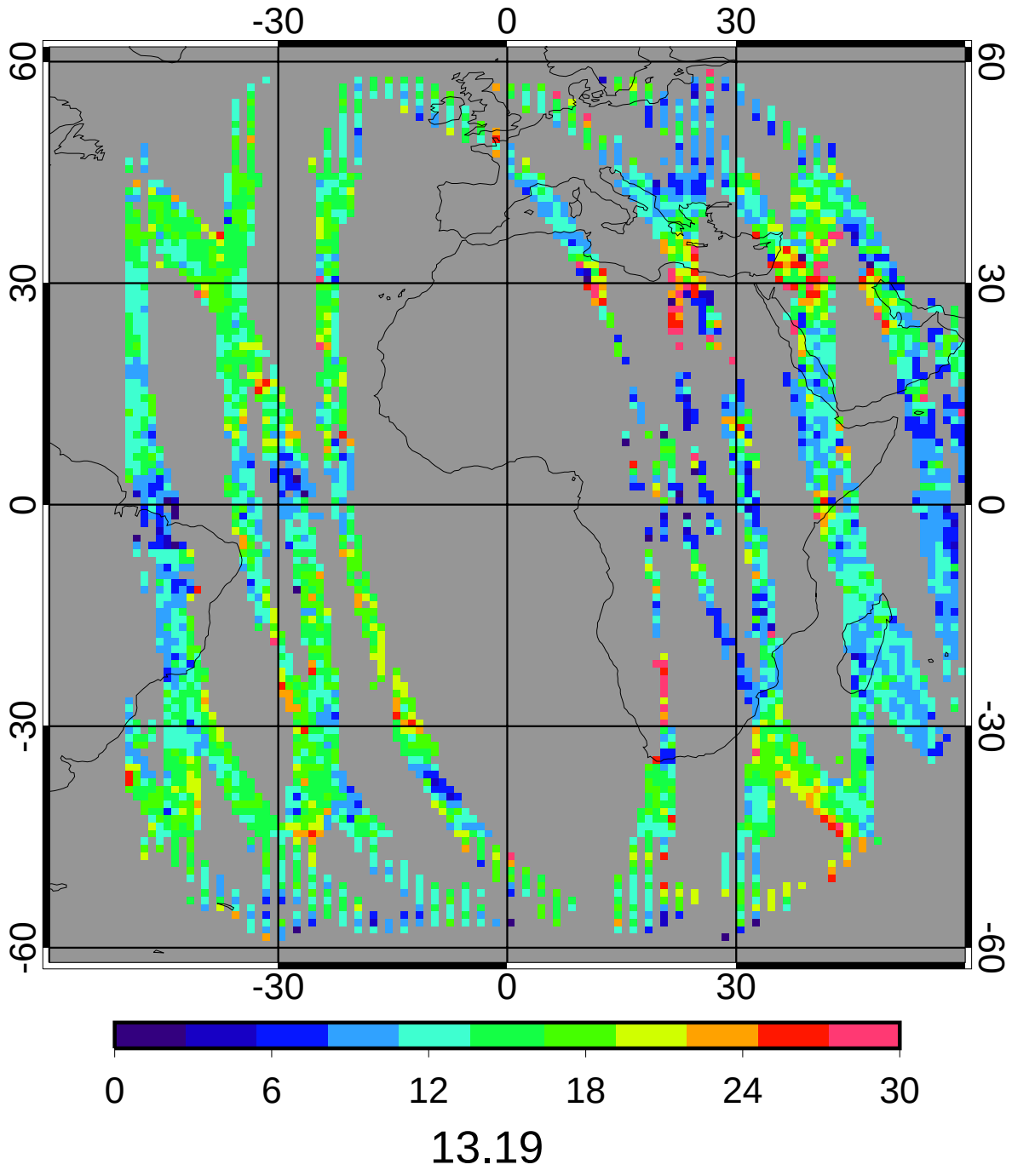
5ch Apr 2010 (matched angle) (lapse rate)



8.79

CERES/Terra MEAN Nighttime Liquid Particle Size (microns)

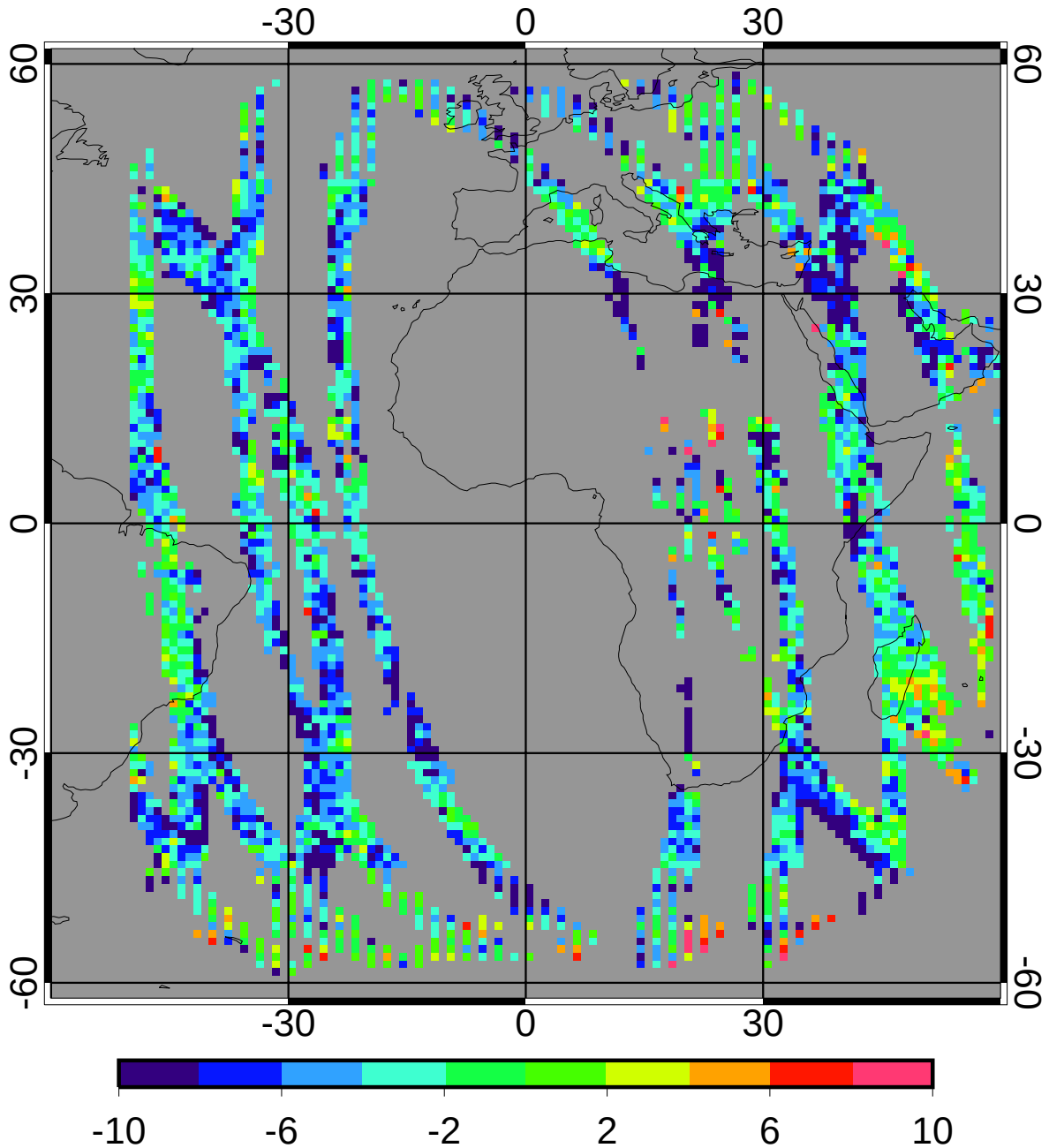
5ch Apr 2010 (matched angle) (lapse rate)



13.19

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

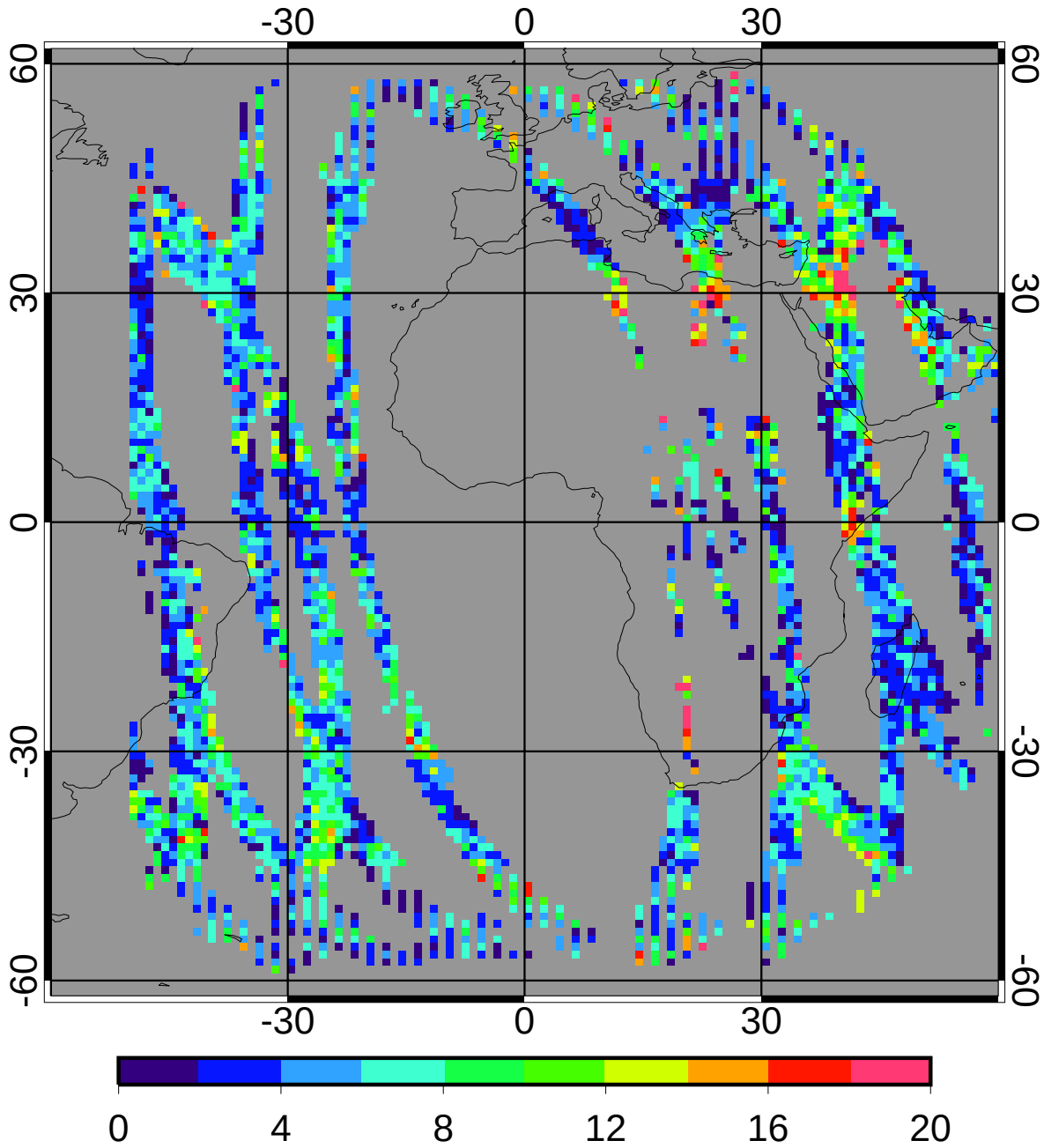
5ch Apr 2010 (matched angle) (lapse rate)



bias	-3.65	-27.68%
domain sigma	3.82	28.96%

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

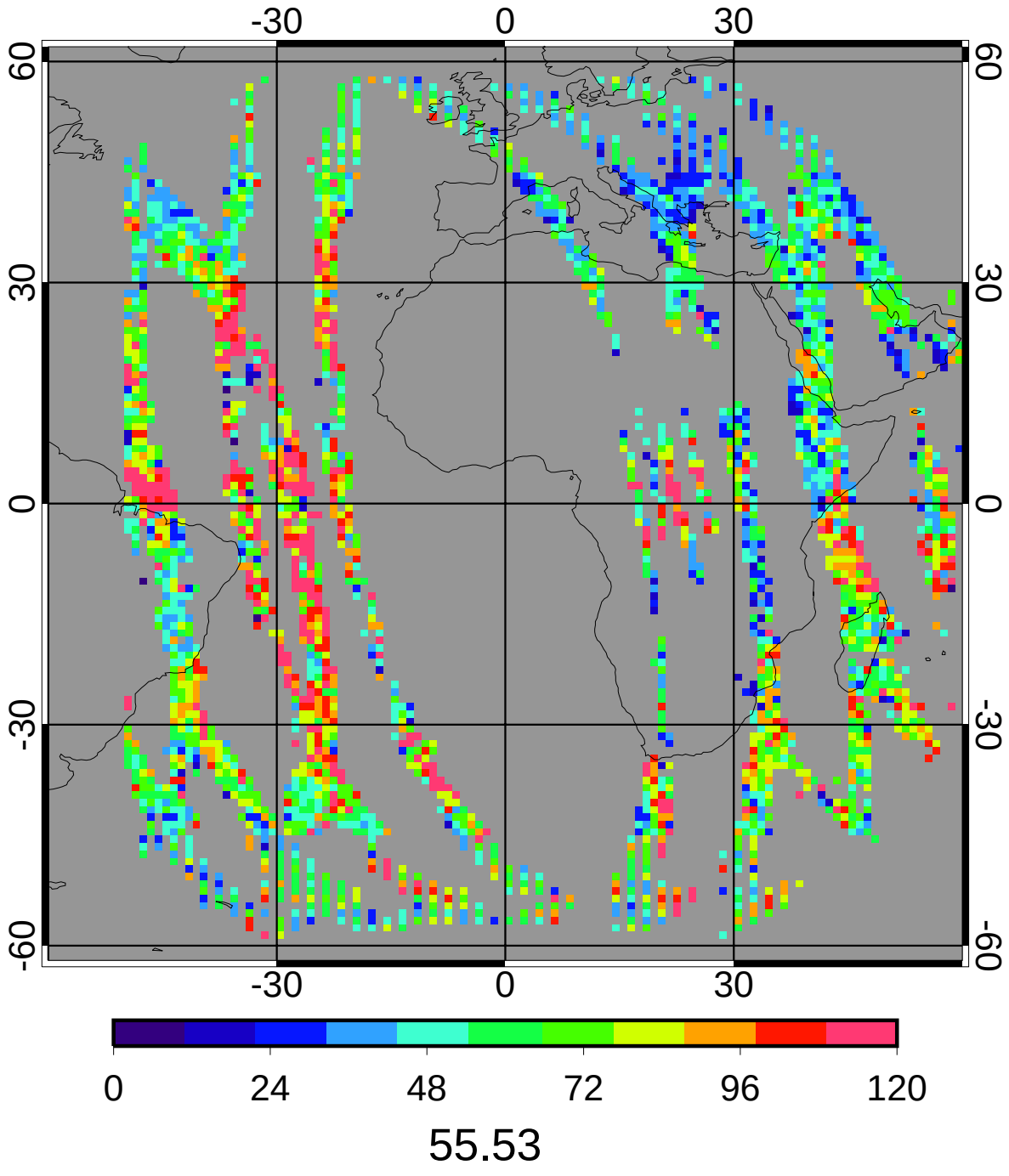
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	5.16	39.16%
domain rms	6.26	47.44%

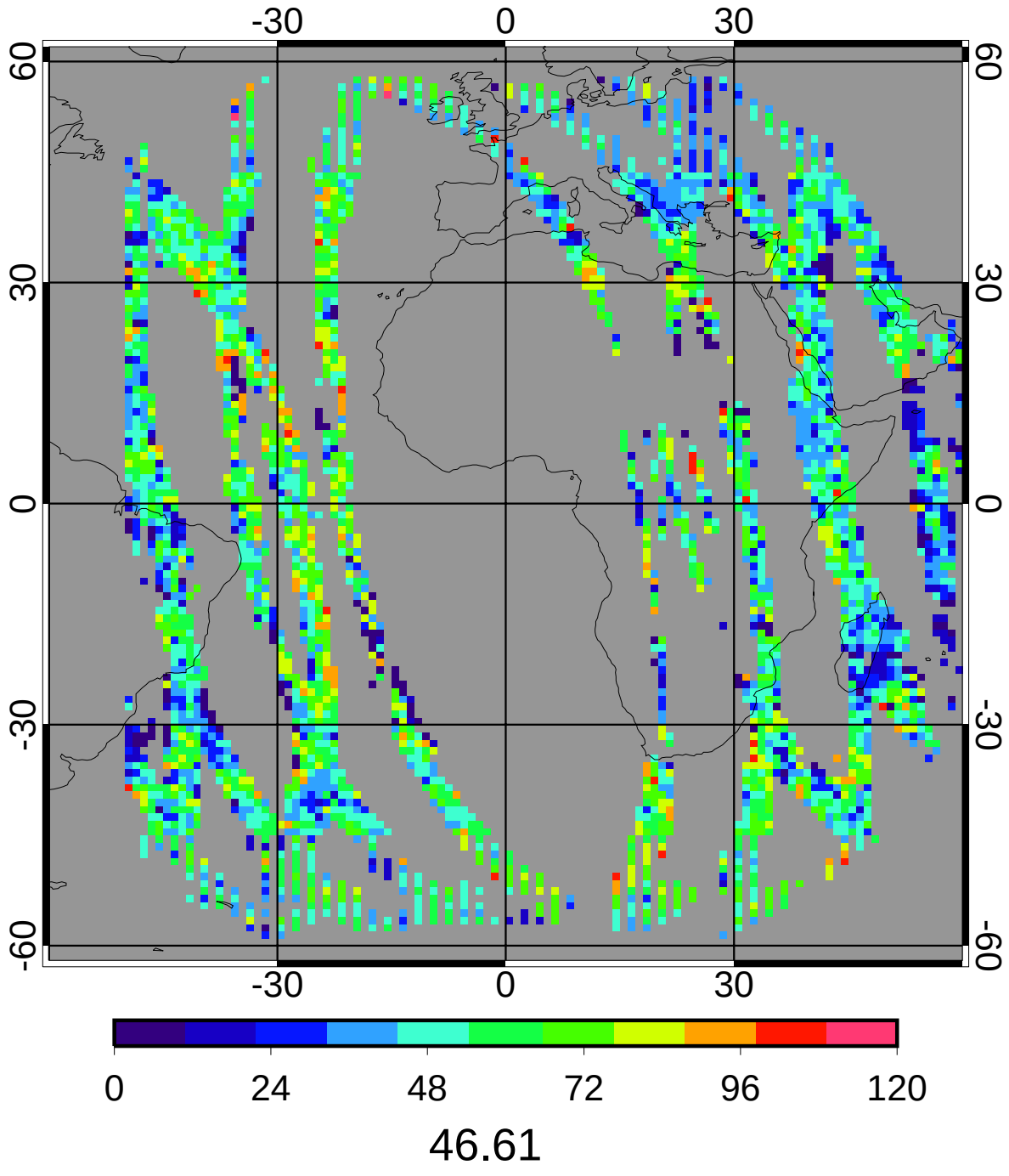
GGEO MEAN Nighttime Ice Particle Size (microns)

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



CERES/Terra MEAN Nighttime Ice Particle Size (microns)

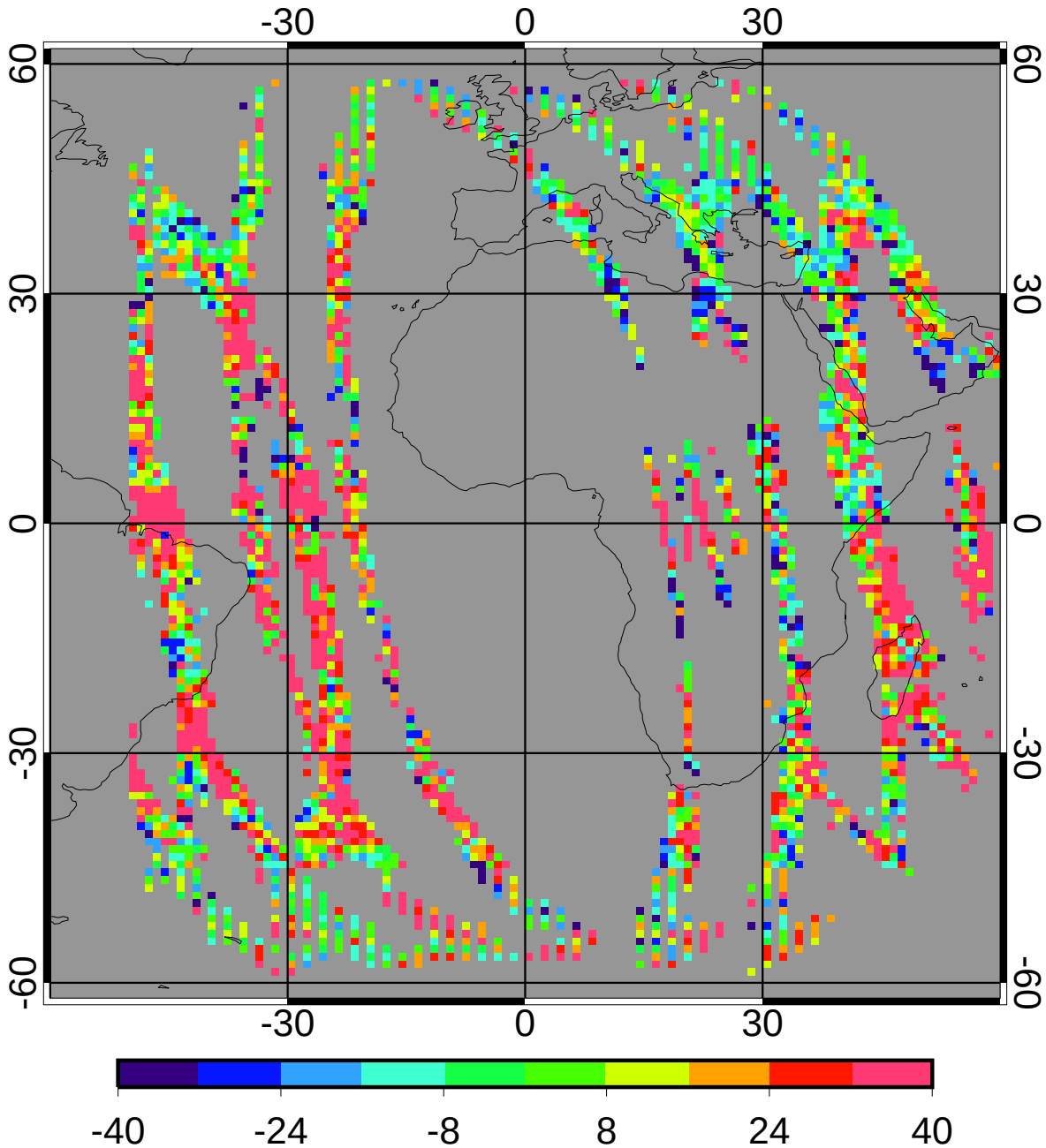
5ch Apr 2010 (matched angle) (lapse rate)



46.61

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

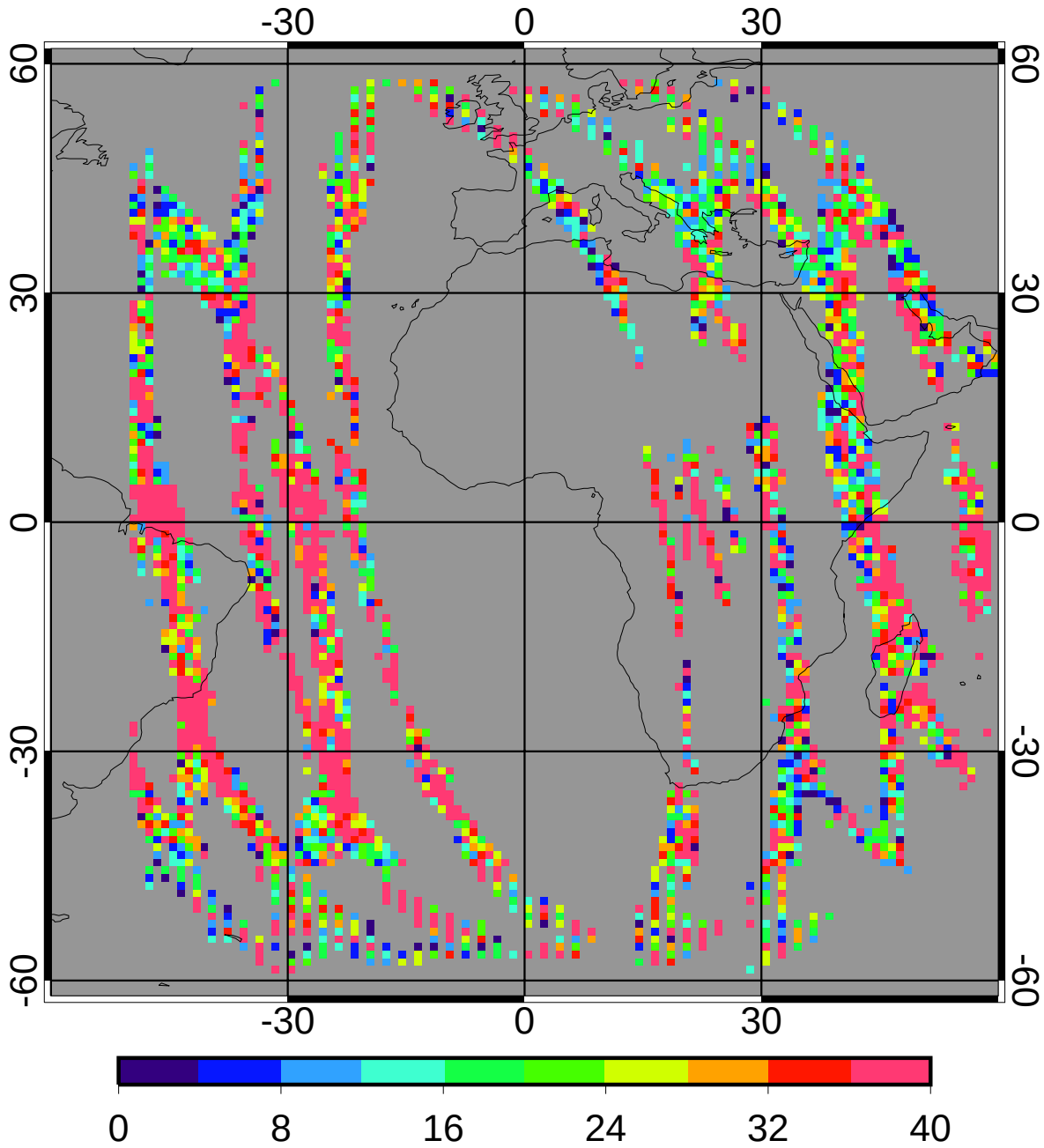
5ch Apr 2010 (matched angle) (lapse rate)



bias	12.79	27.43%
domain sigma	28.24	60.59%

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

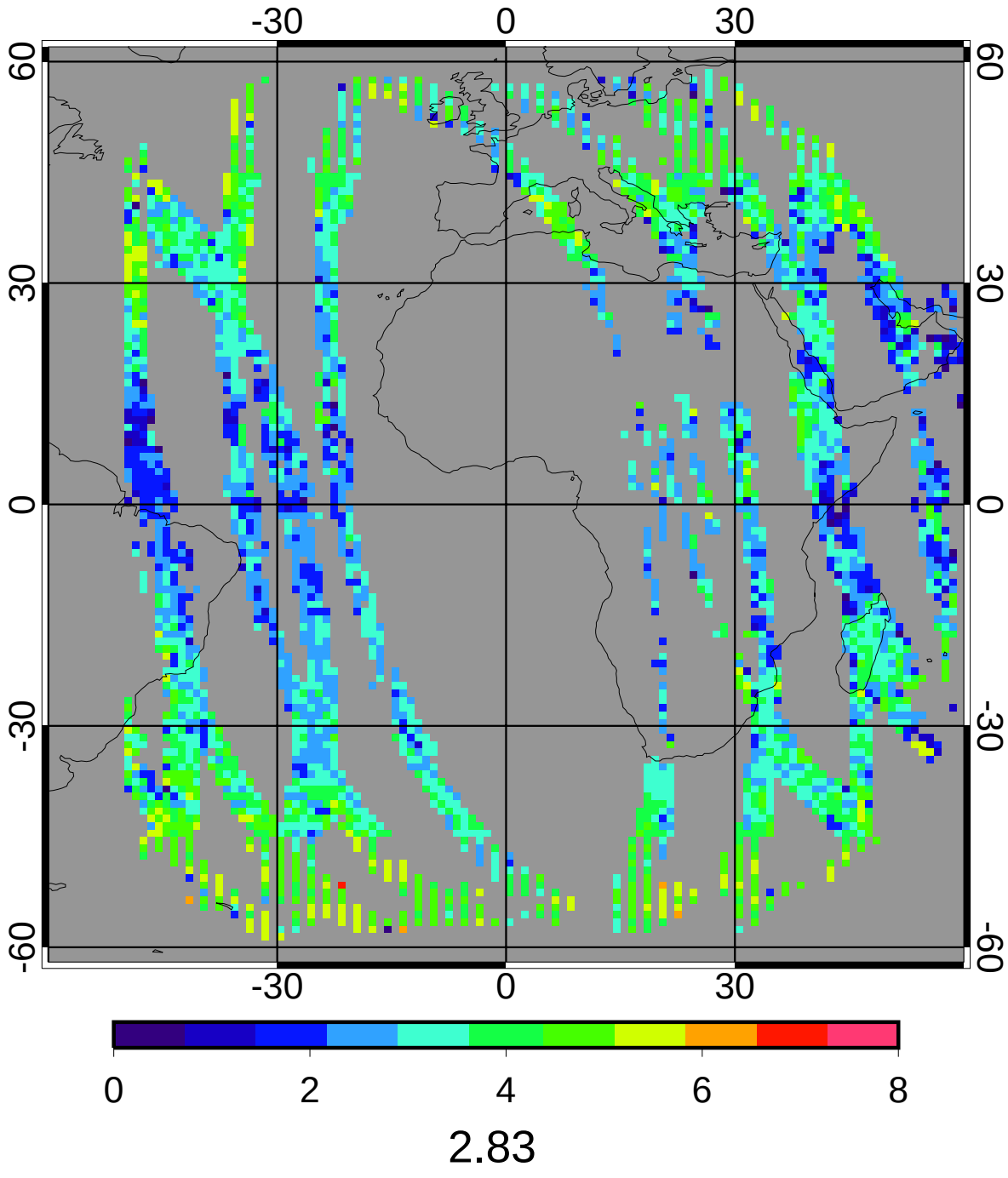
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	26.00	55.78%
domain rms	35.62	76.41%

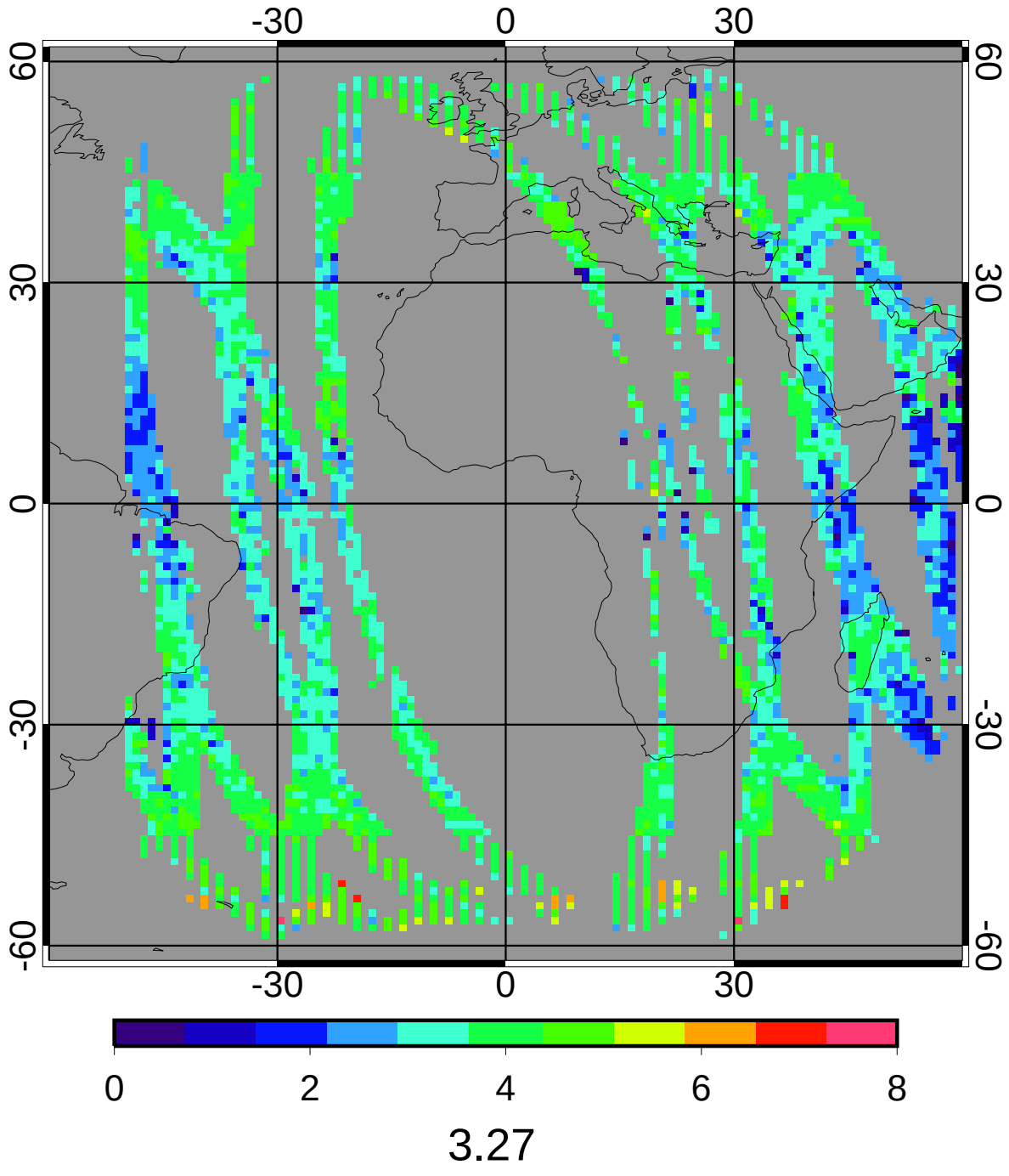
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

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



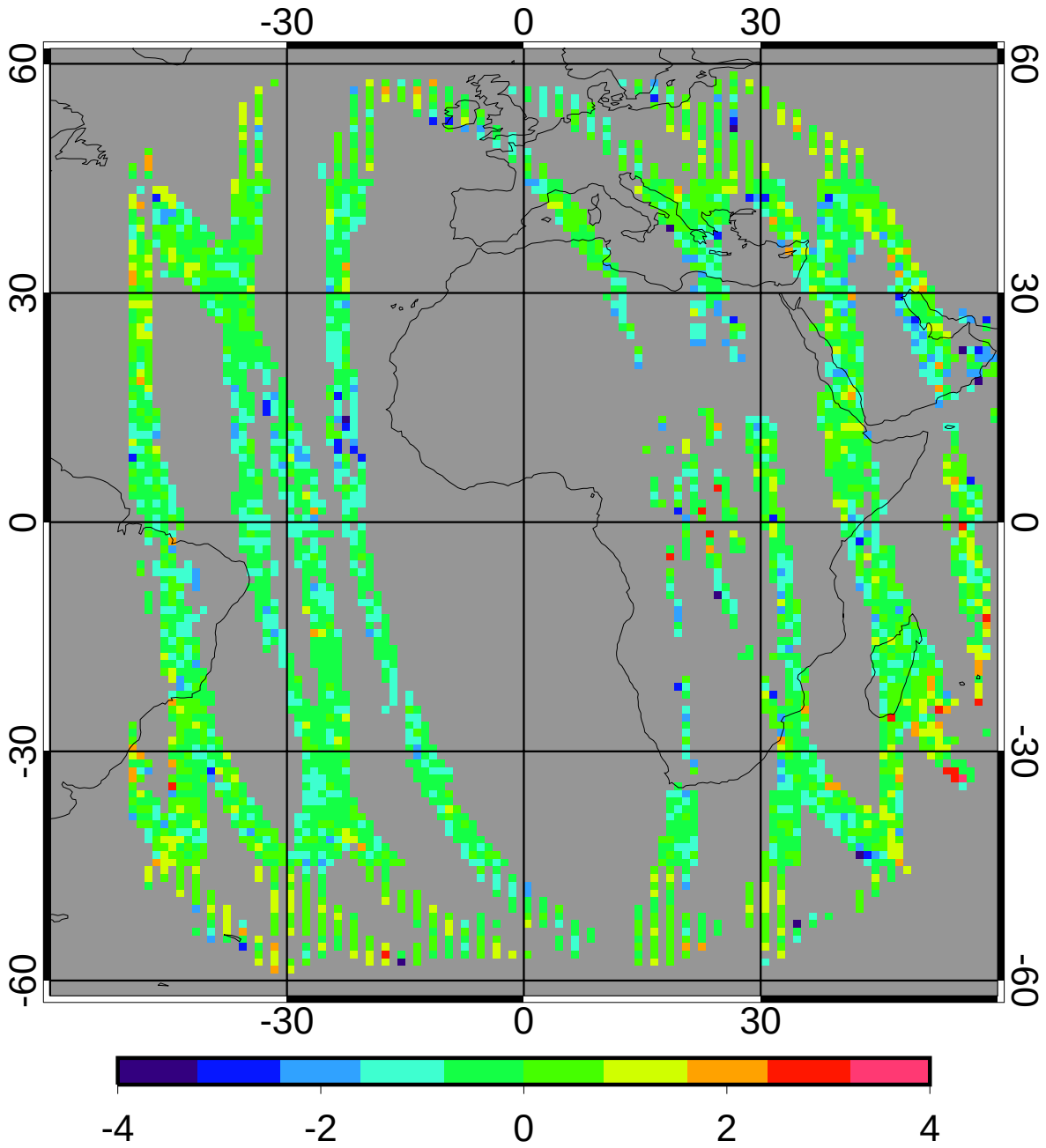
CERES/Terra MEAN Nighttime Log Liquid Water Path (g/m2)

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



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

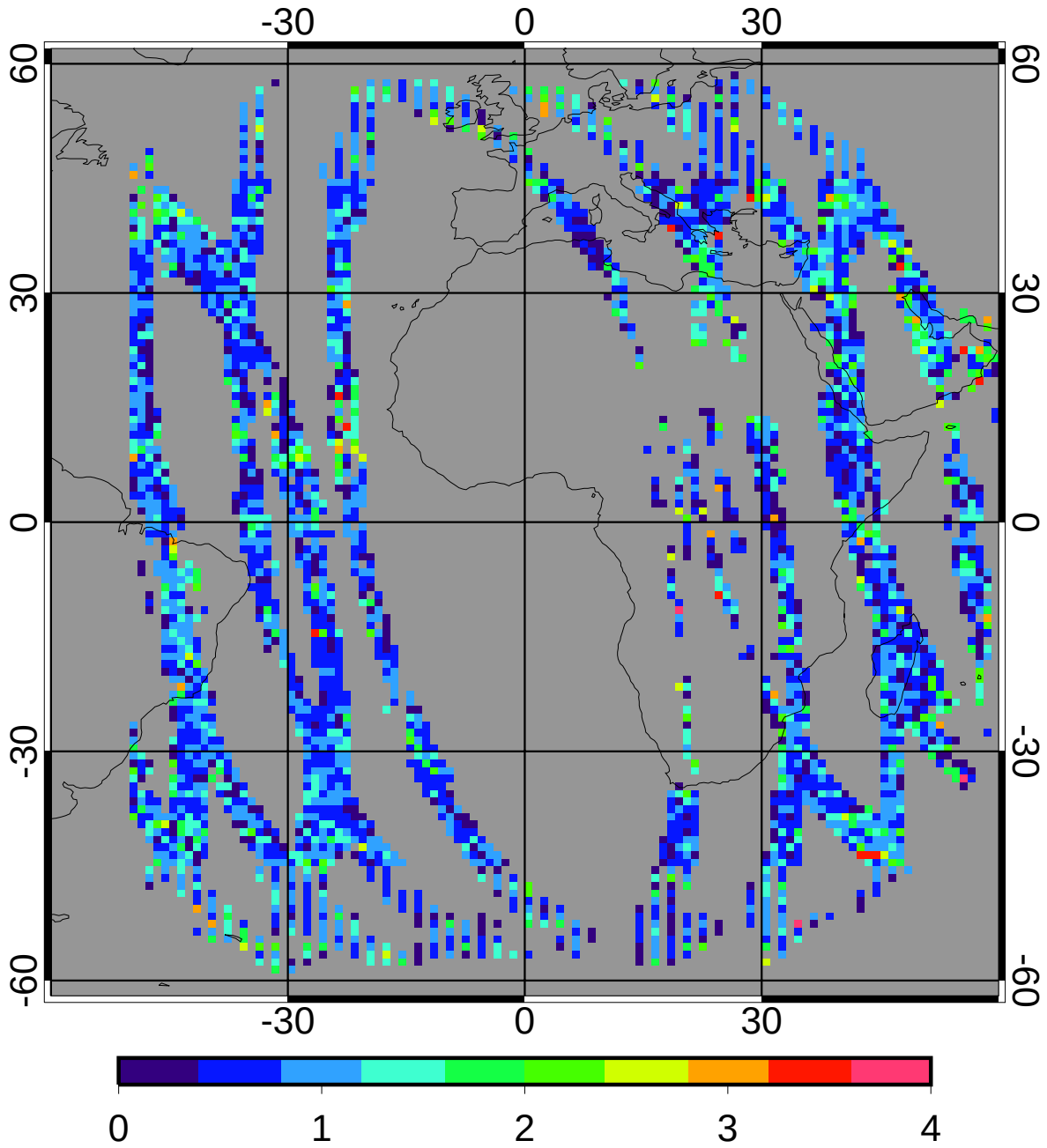
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.26	-7.95%
domain sigma	0.74	22.46%

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

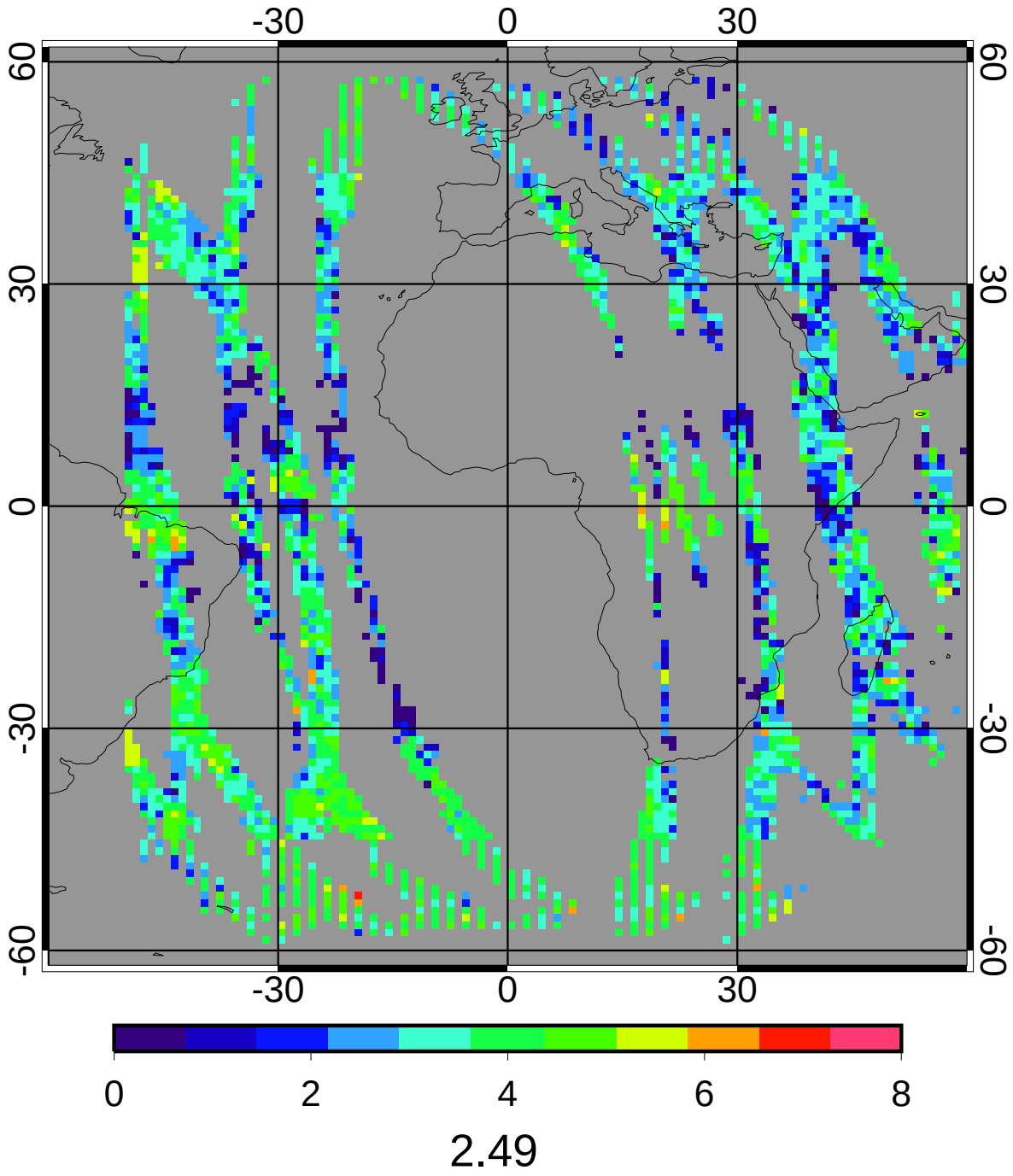
5ch Apr 2010 (matched angle) (lapse rate)



regave rms	0.80	24.44%
domain rms	0.97	29.69%

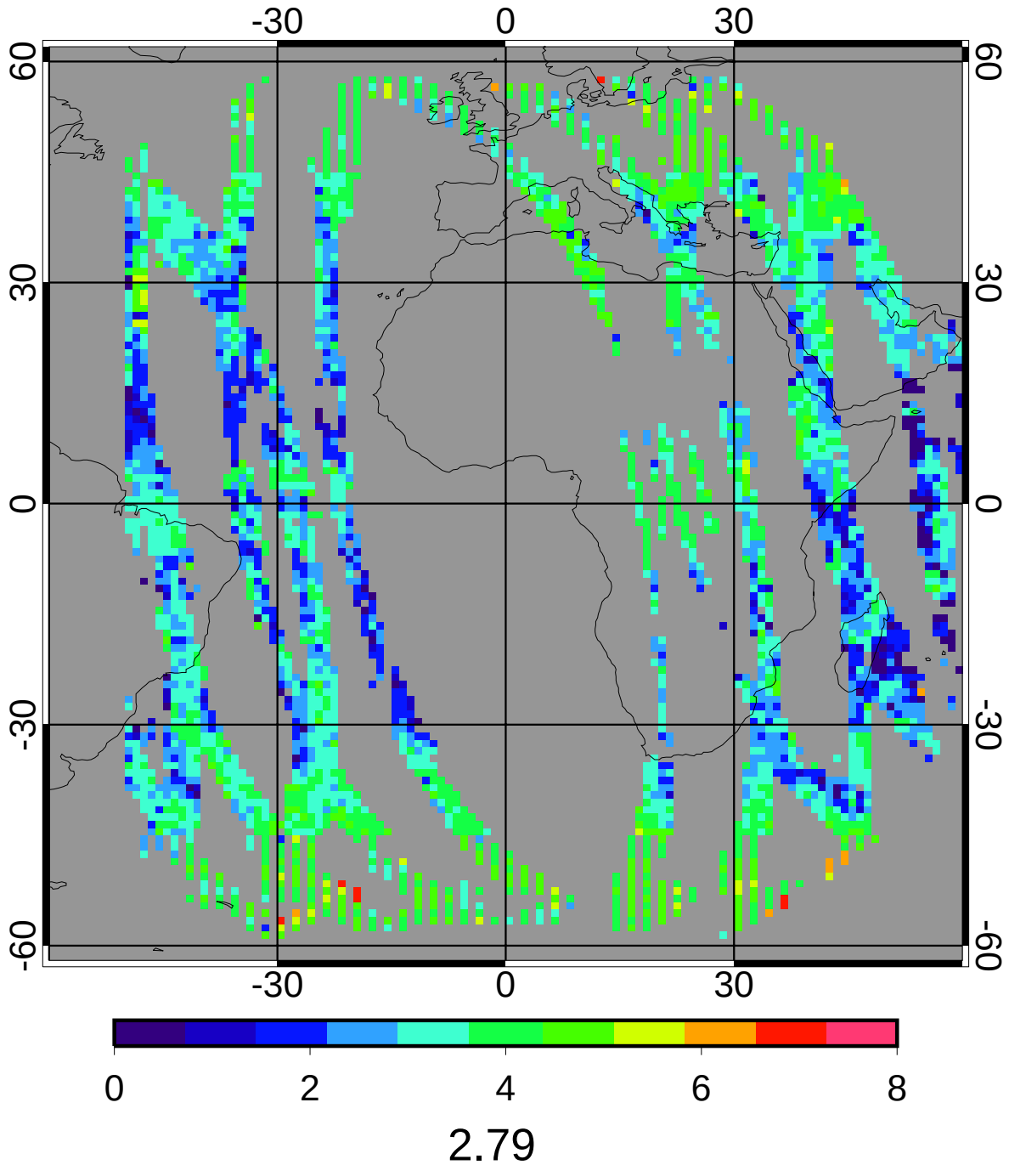
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

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



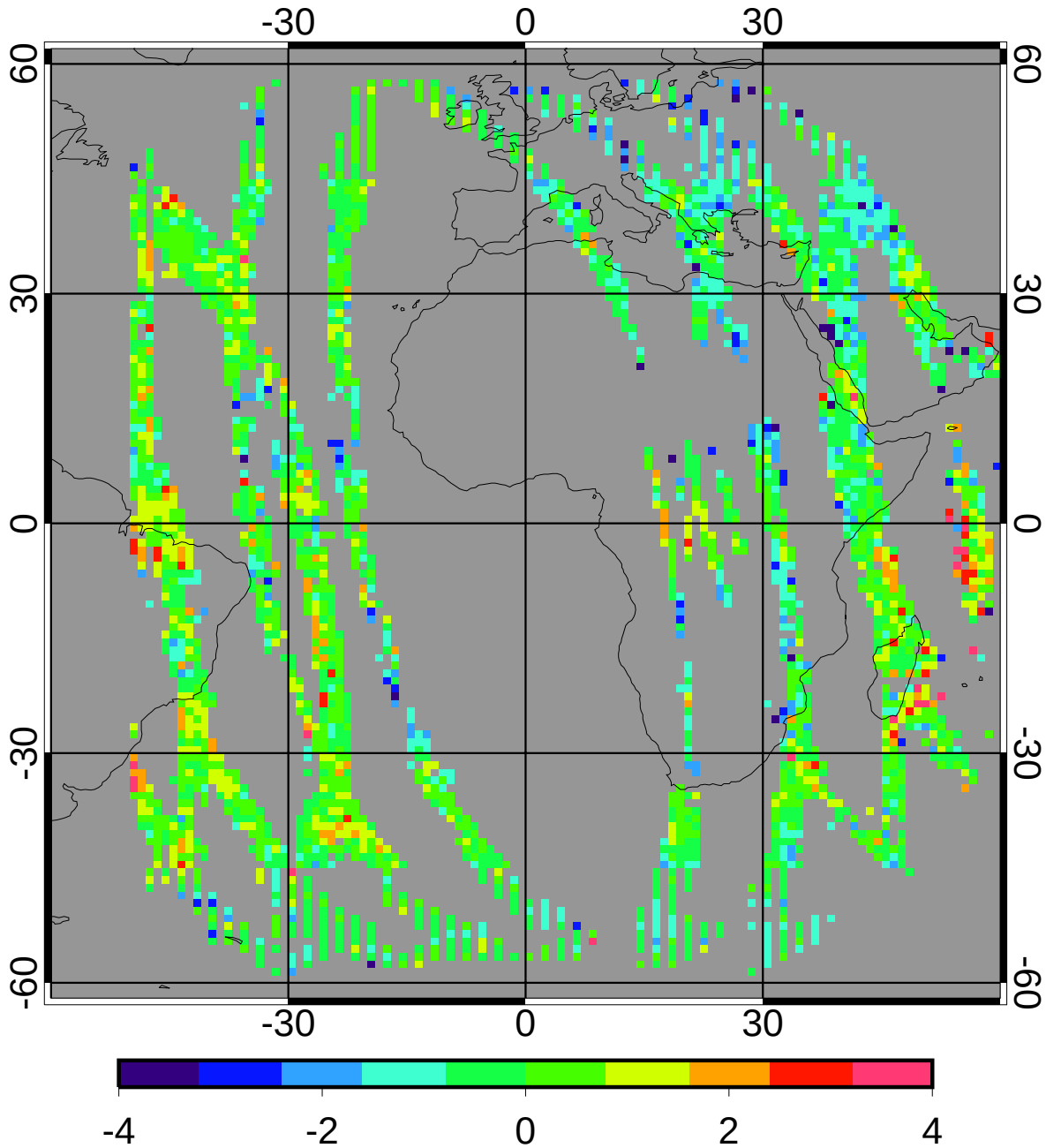
CERES/Terra MEAN Nighttime Log Ice Water Path (g/m2)

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



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

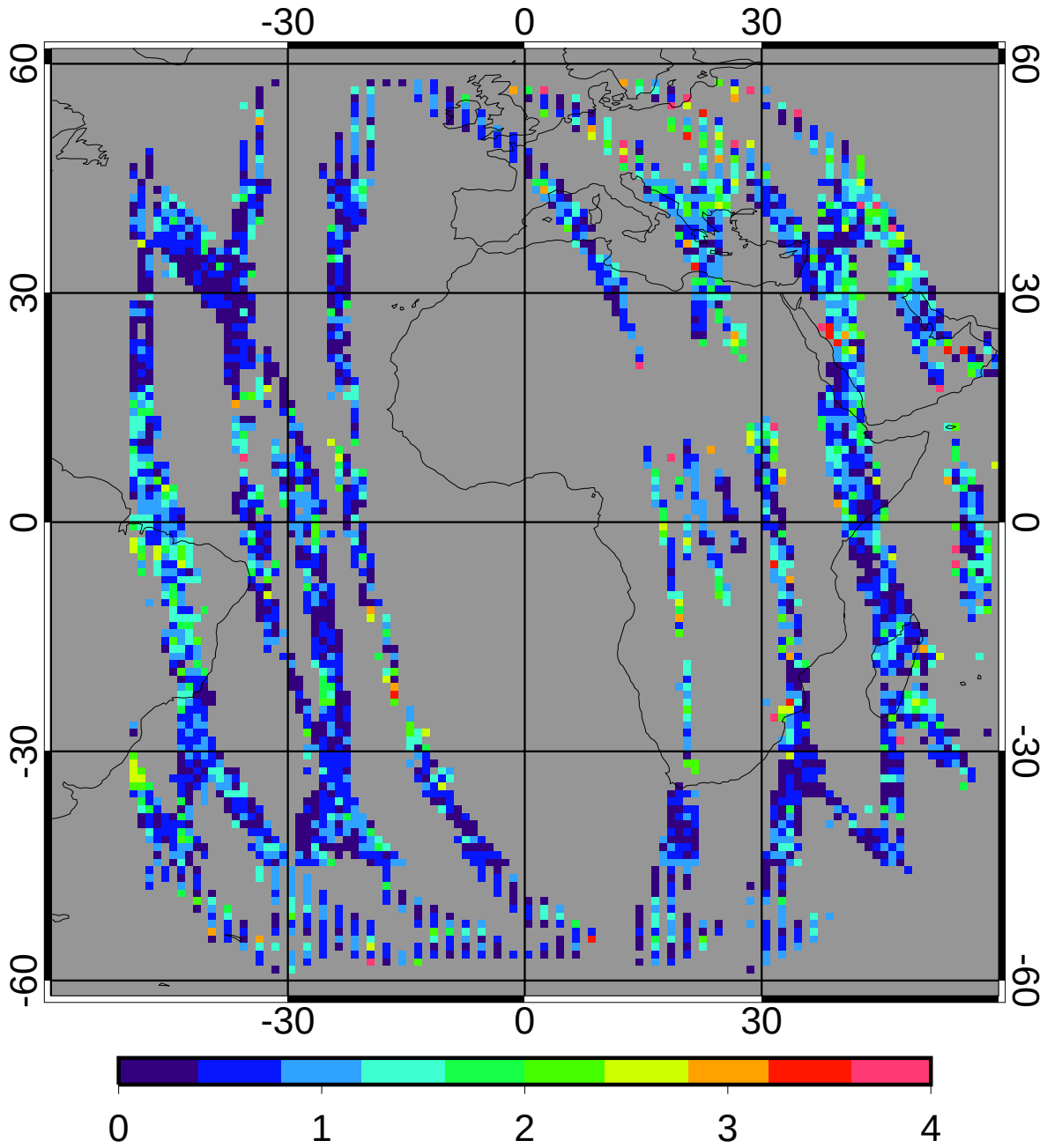
5ch Apr 2010 (matched angle) (lapse rate)



bias	-0.06	-2.11%
domain sigma	0.97	34.77%

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

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



regave rms	0.69	24.87%
domain rms	1.02	36.55%