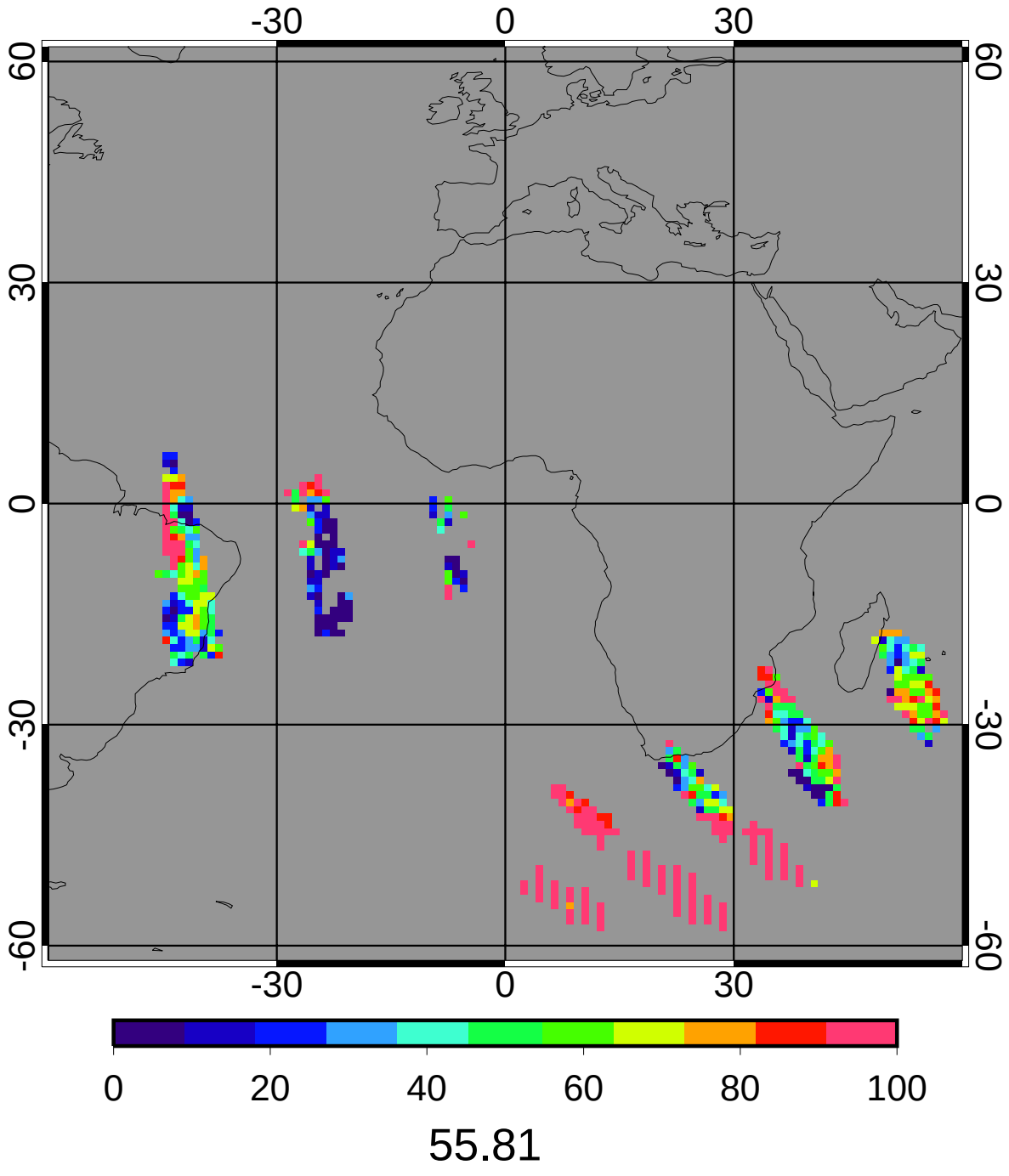
GGEO MEAN Daytime Cloud Amount (%)

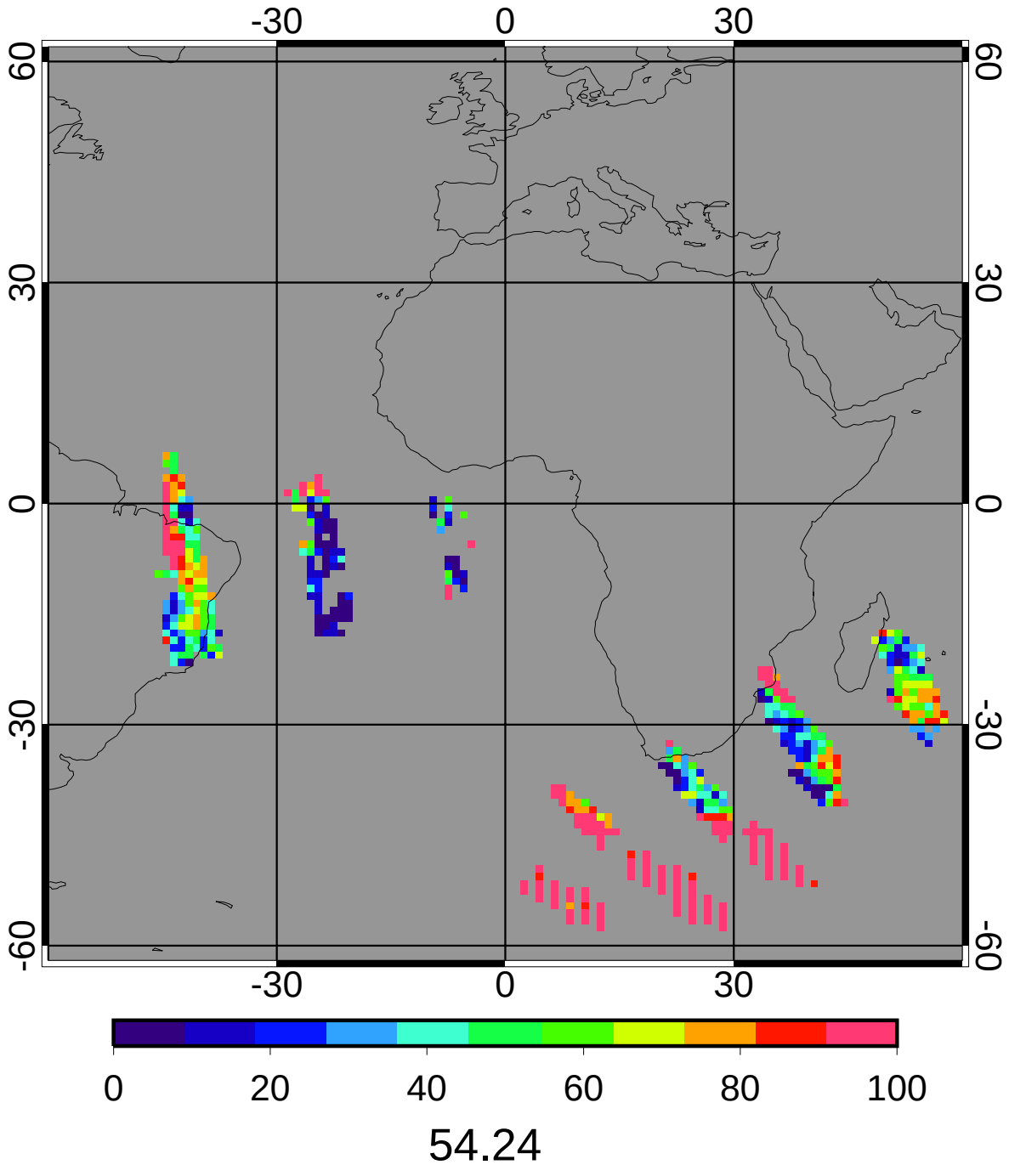
5ch Jan 2010 (matched angle) (lapse rate)



55.81

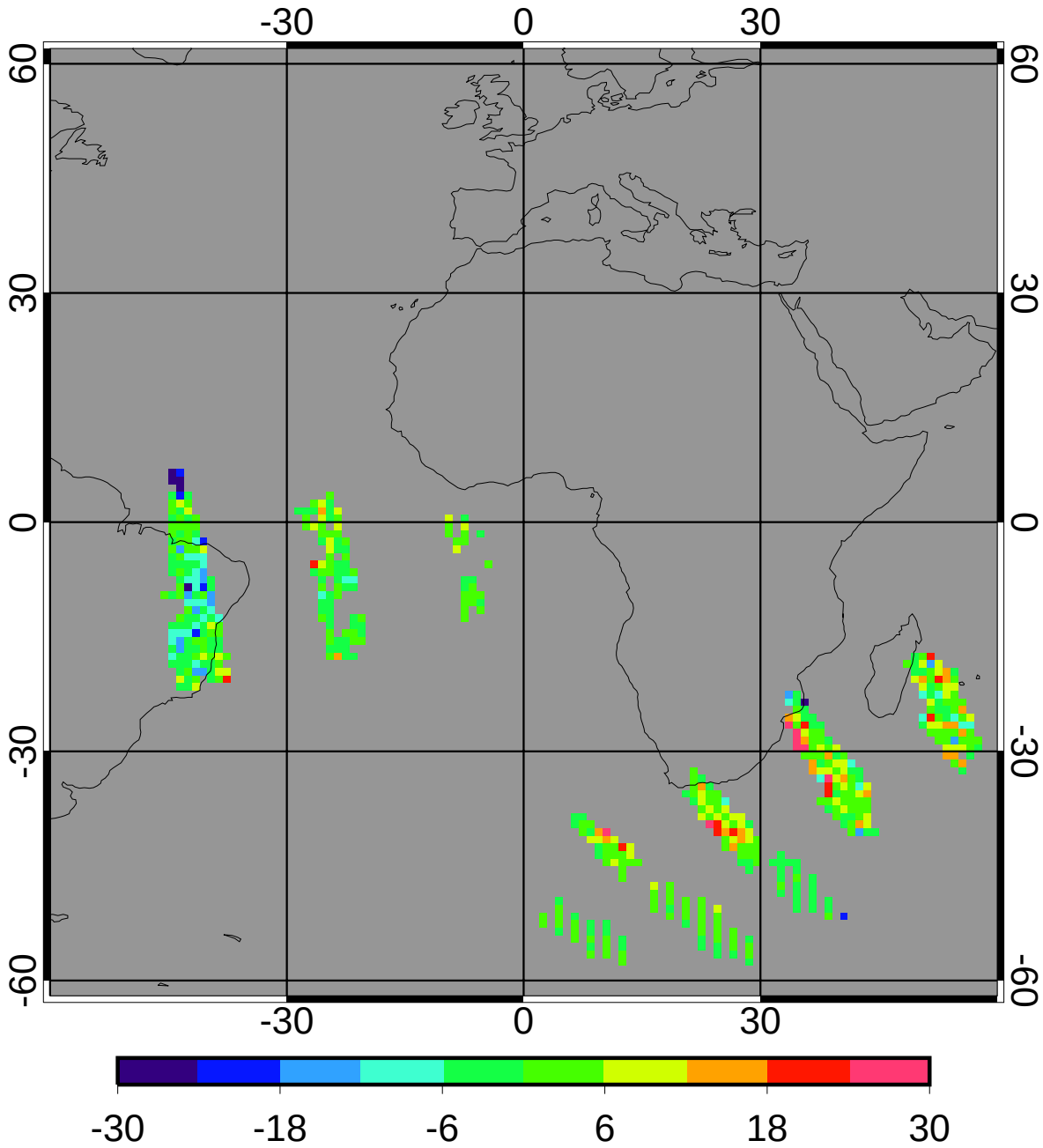
CERES/Aqua MEAN Daytime Cloud Amount (%)

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



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

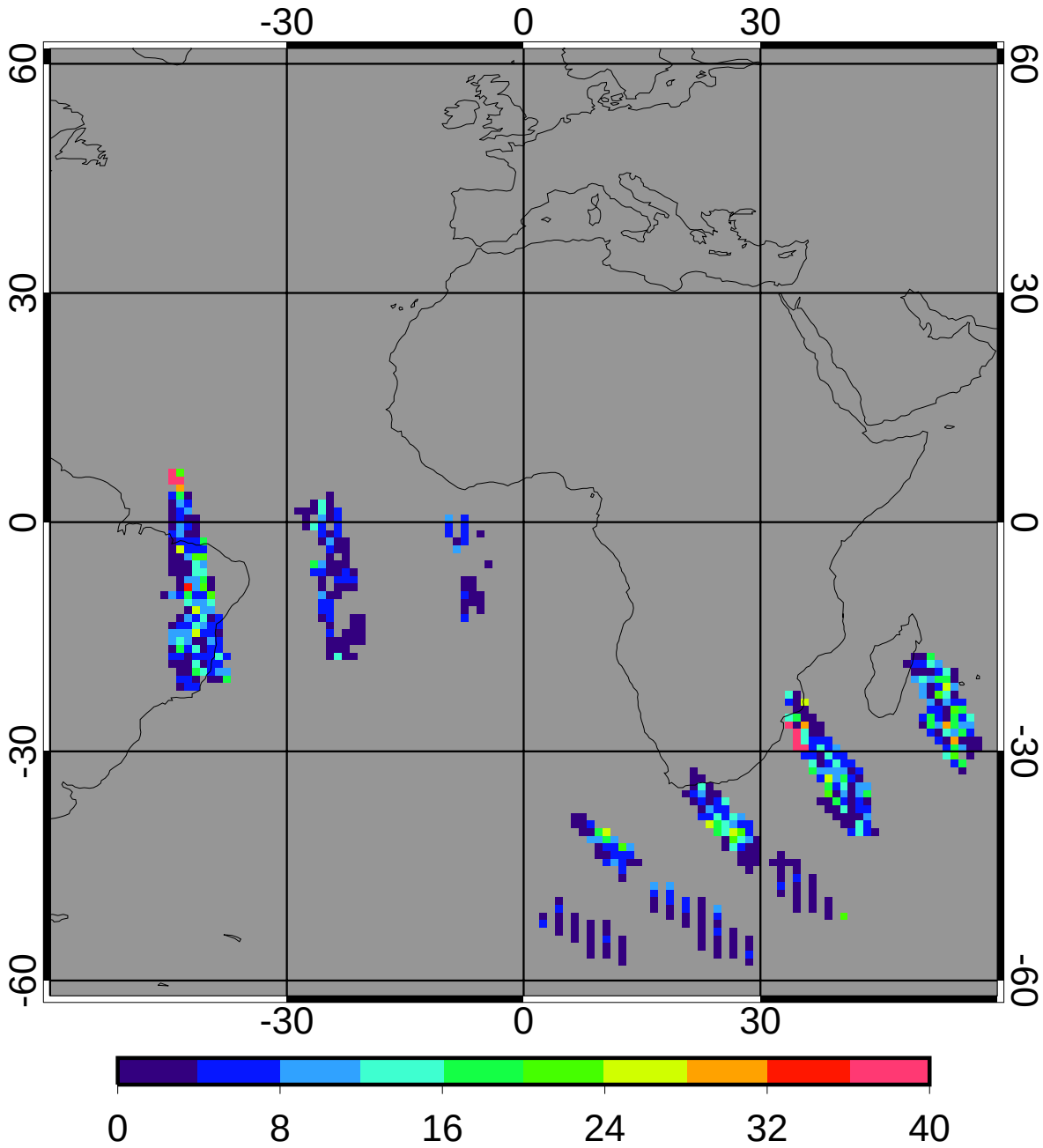
5ch Jan 2010 (matched angle) (lapse rate)



bias	1.57	2.90%
domain sigma	9.02	16.63%

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

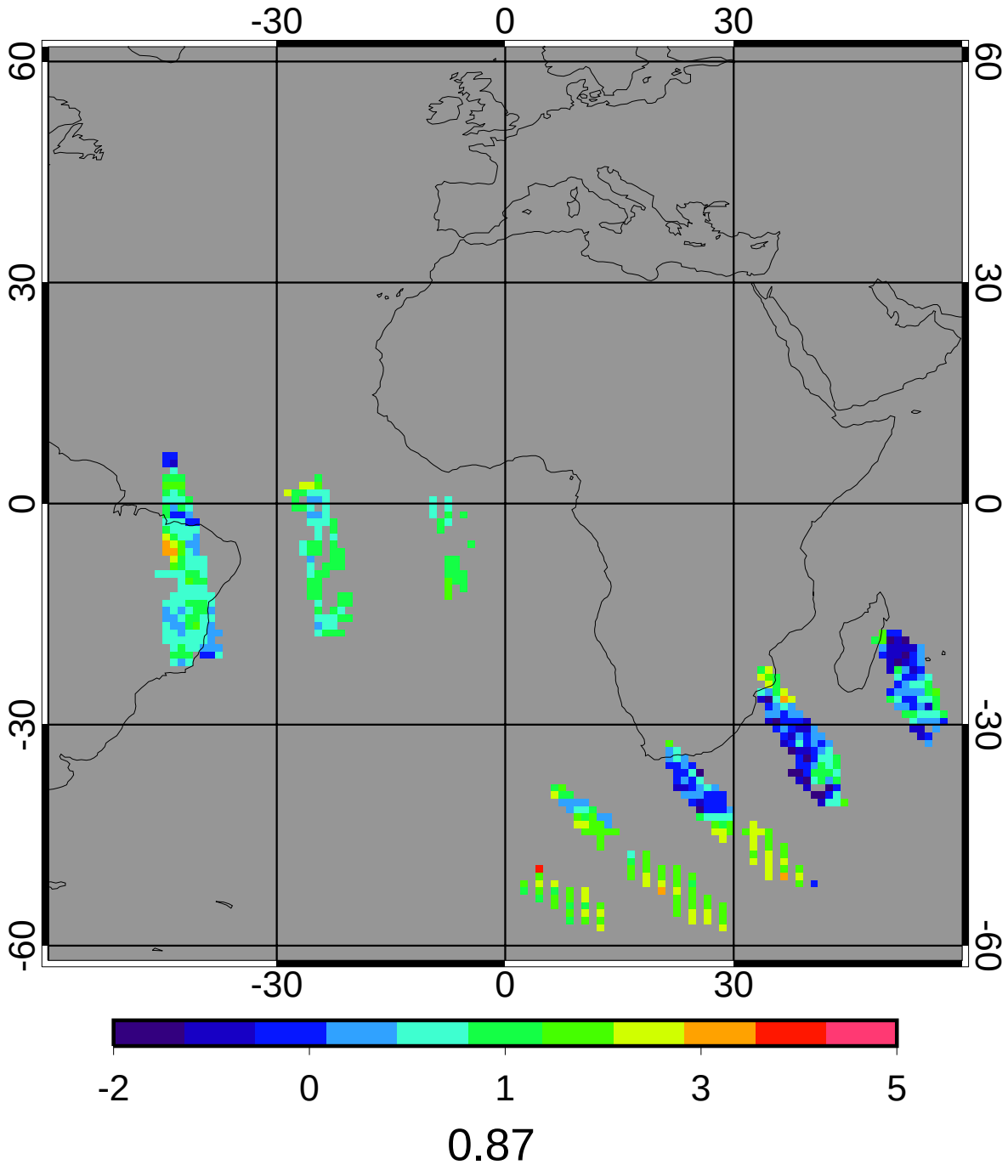
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	7.23	13.33%
domain rms	10.10	18.63%

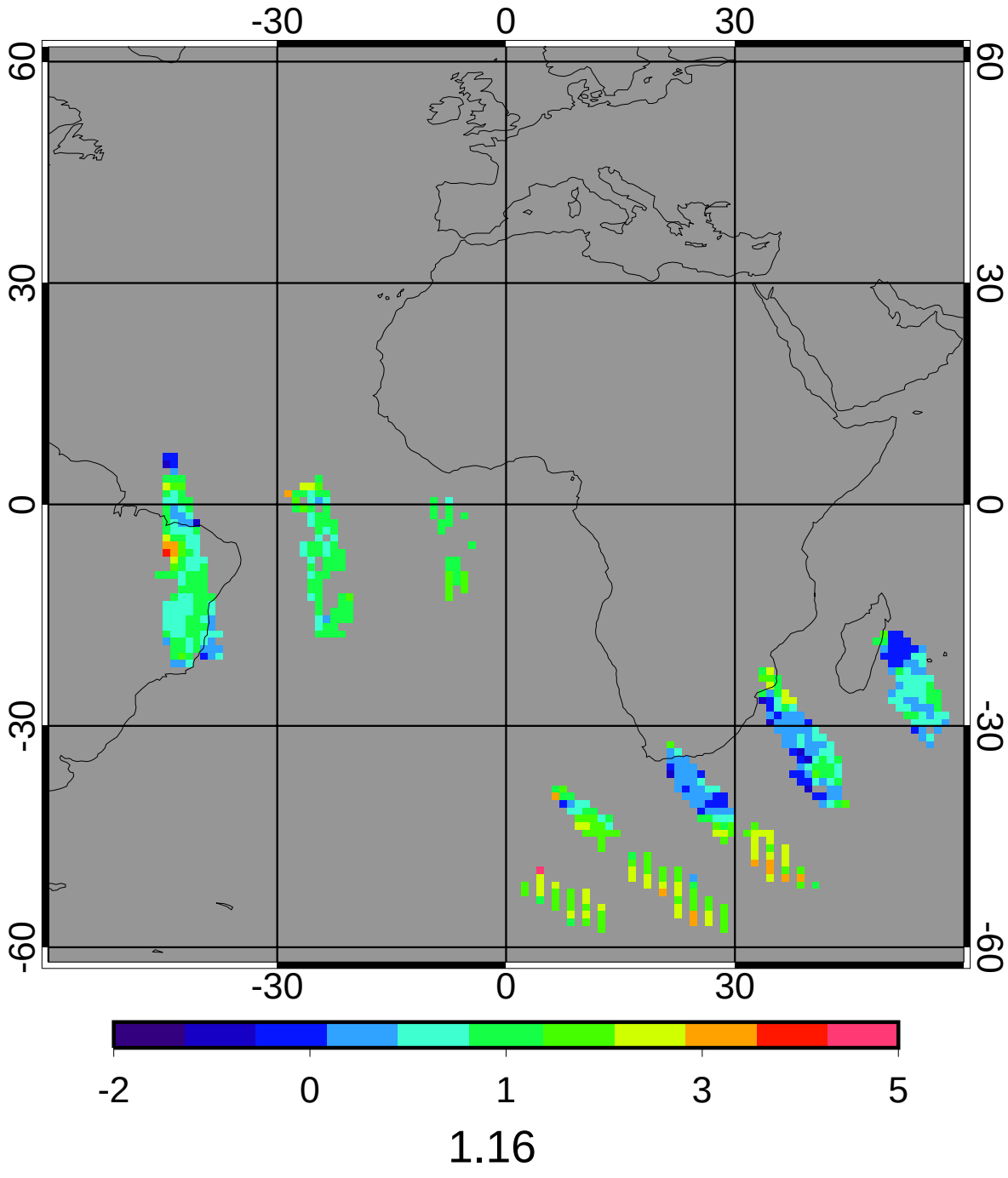
GGEO MEAN Daytime Log Optical Depth

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



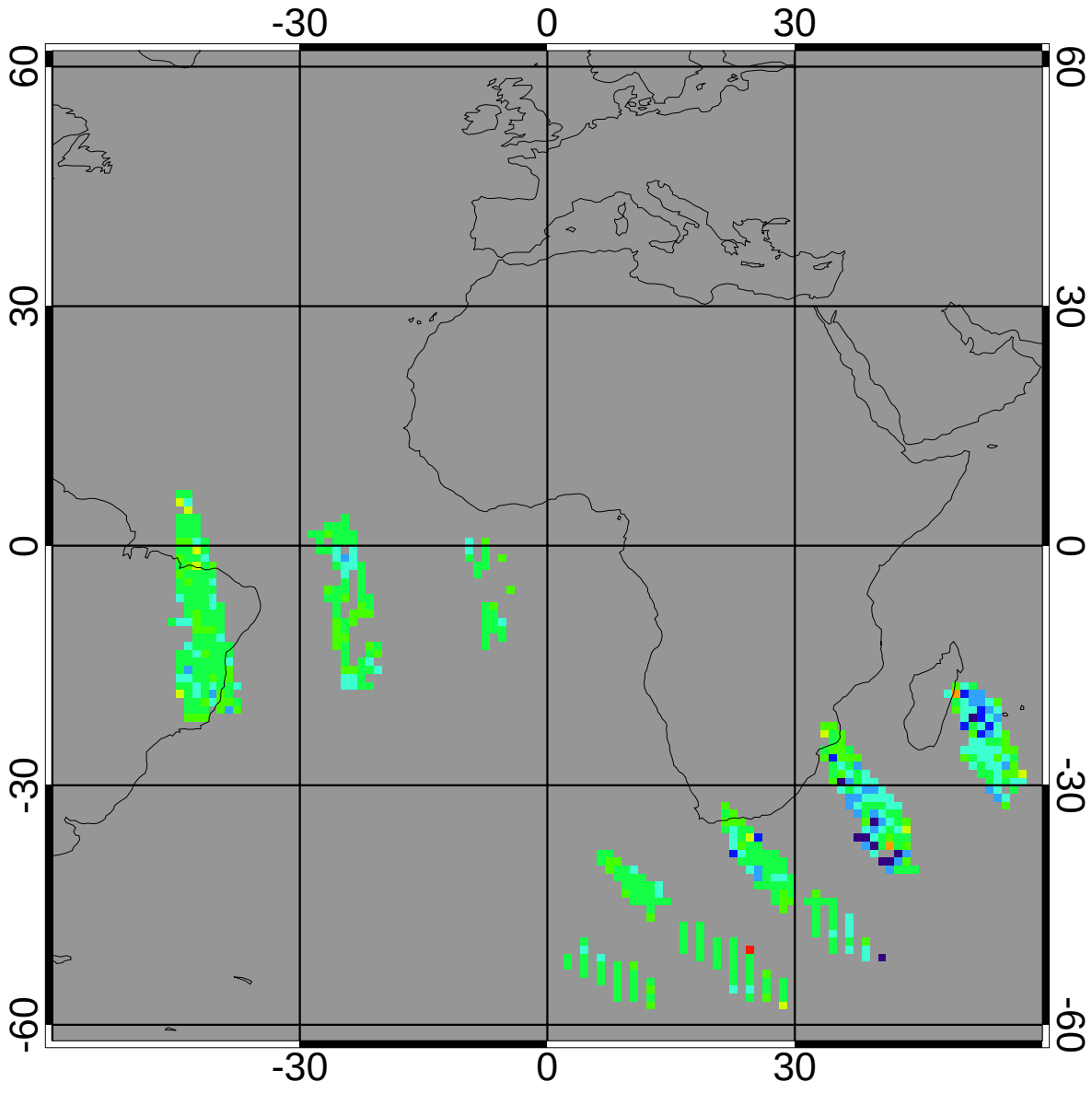
CERES/Aqua MEAN Daytime Log Optical Depth

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



GGEO - CERES/Aqua Daytime Log Optical Depth Bias

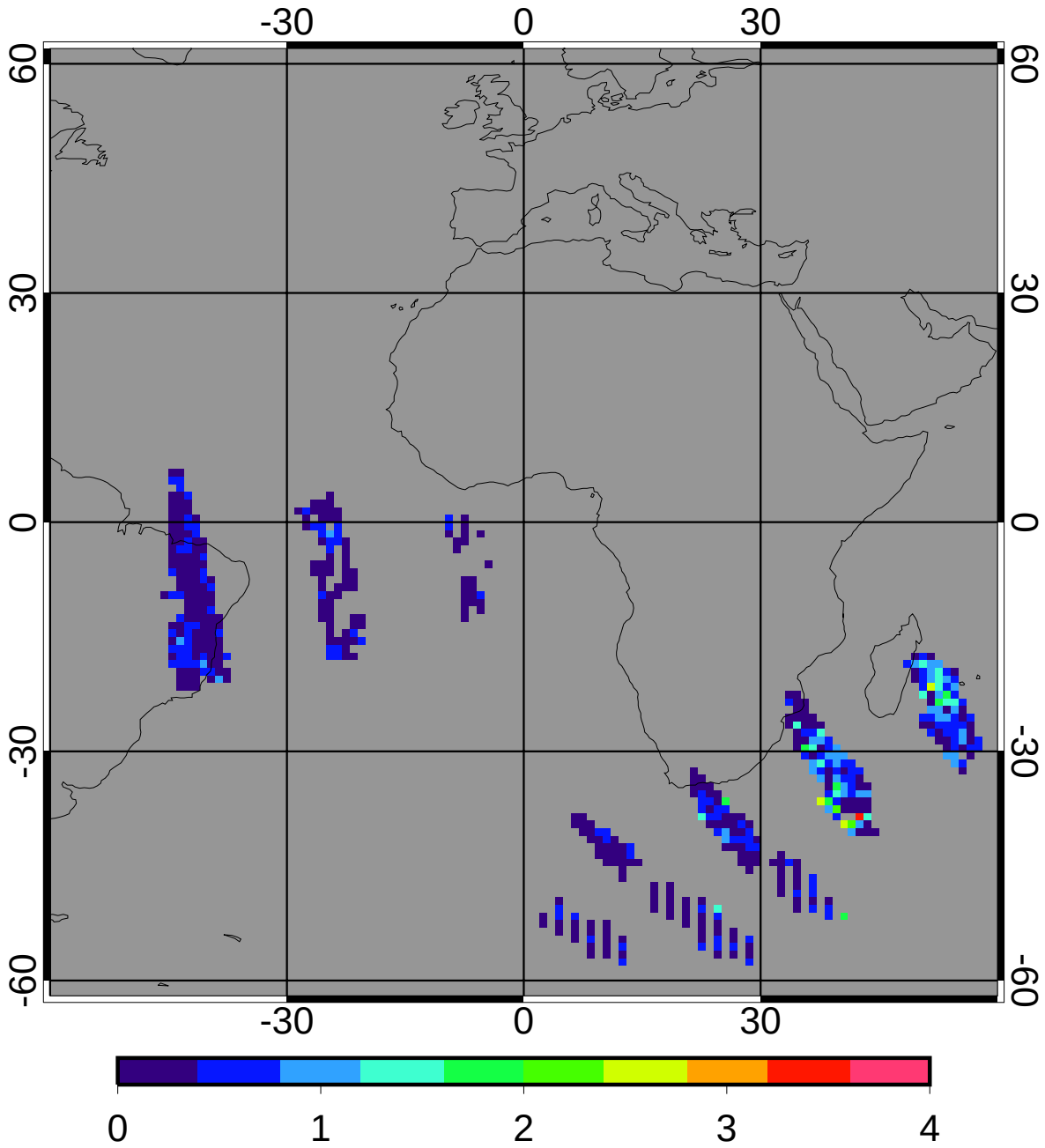
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.28	-24.22%
domain sigma	0.38	33.16%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

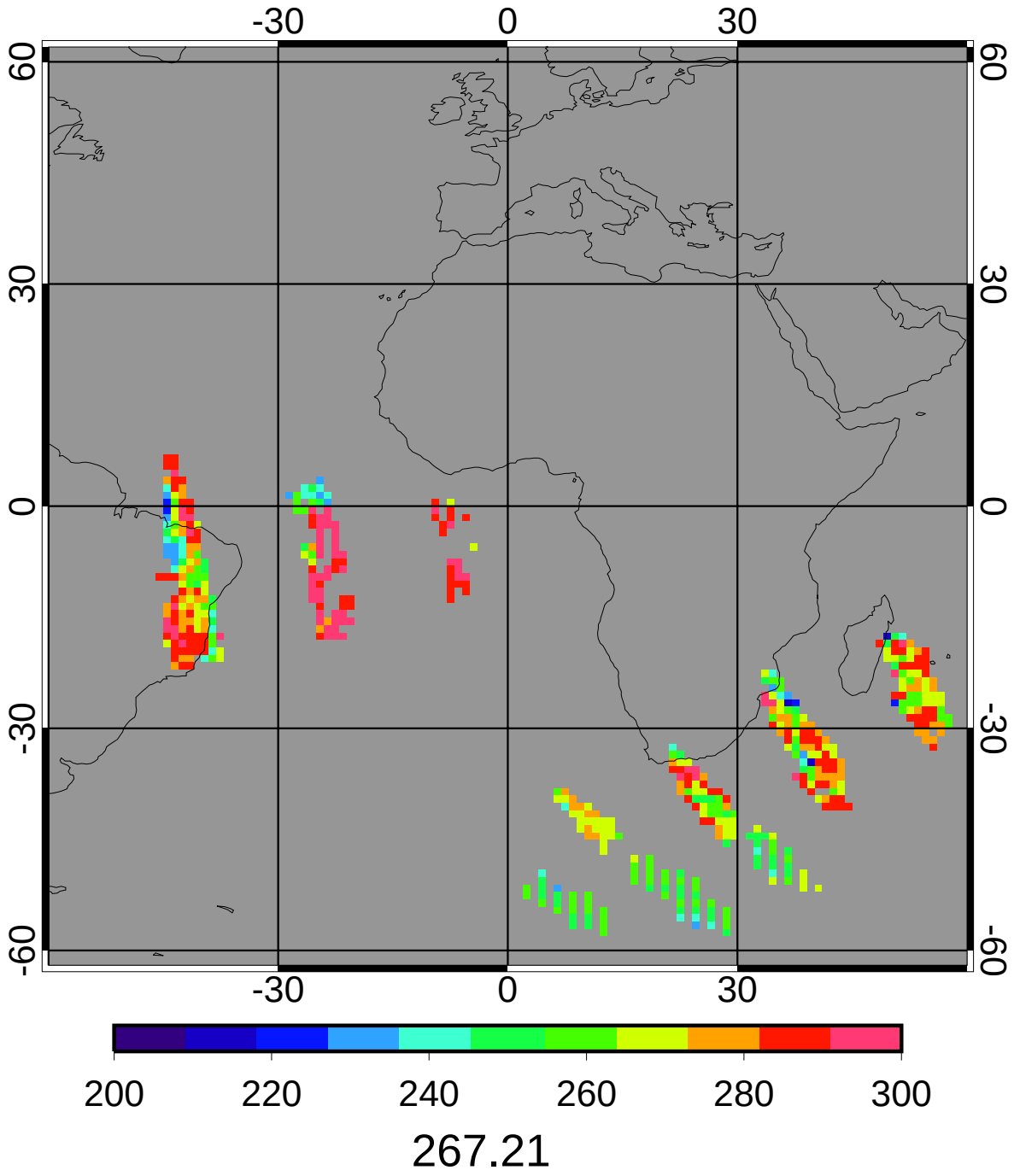
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	0.42	36.03%
domain rms	0.52	45.11%

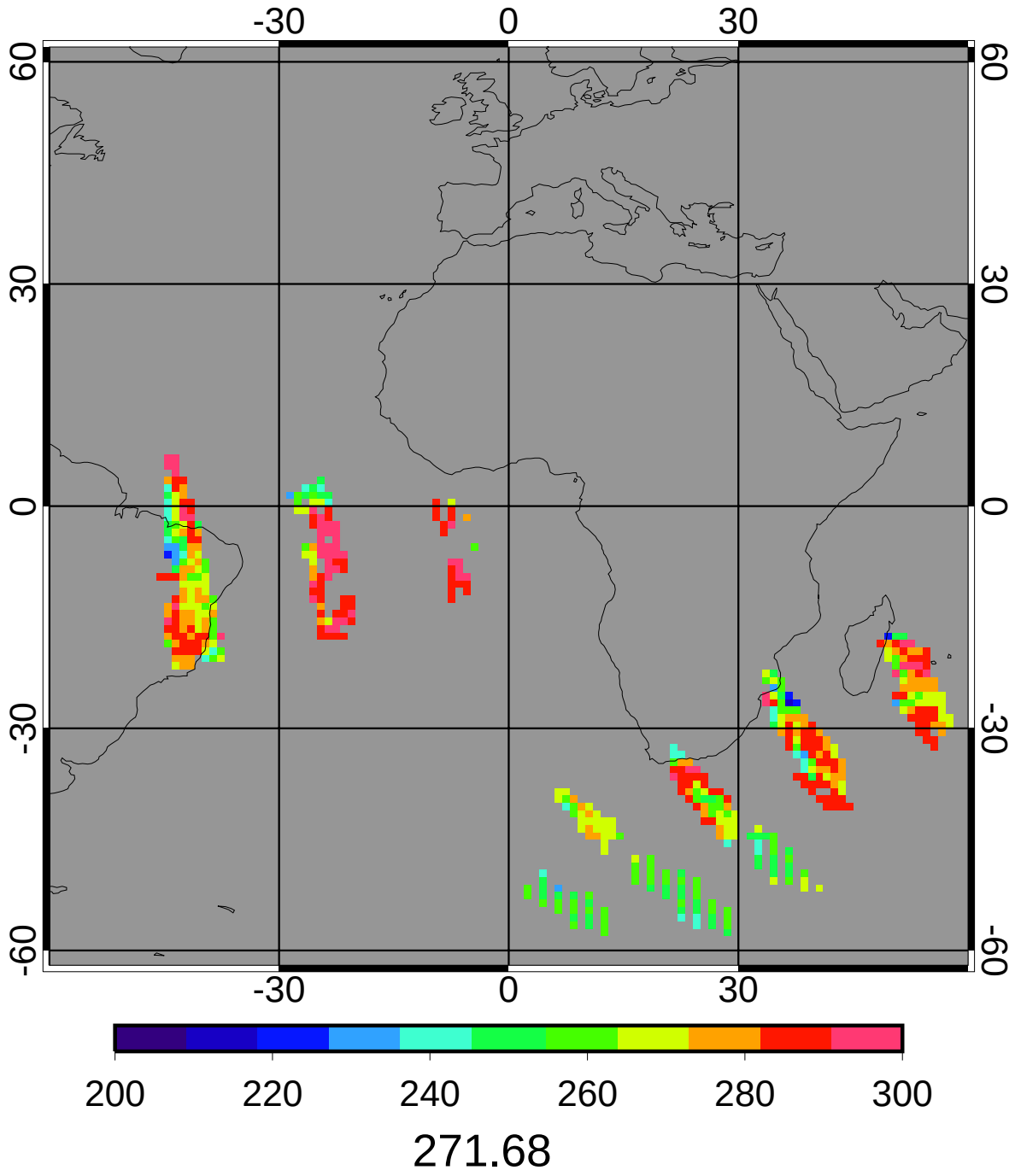
GGEO MEAN Daytime Cloud Temperature (K)

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



CERES/Aqua MEAN Daytime Cloud Temperature (K)

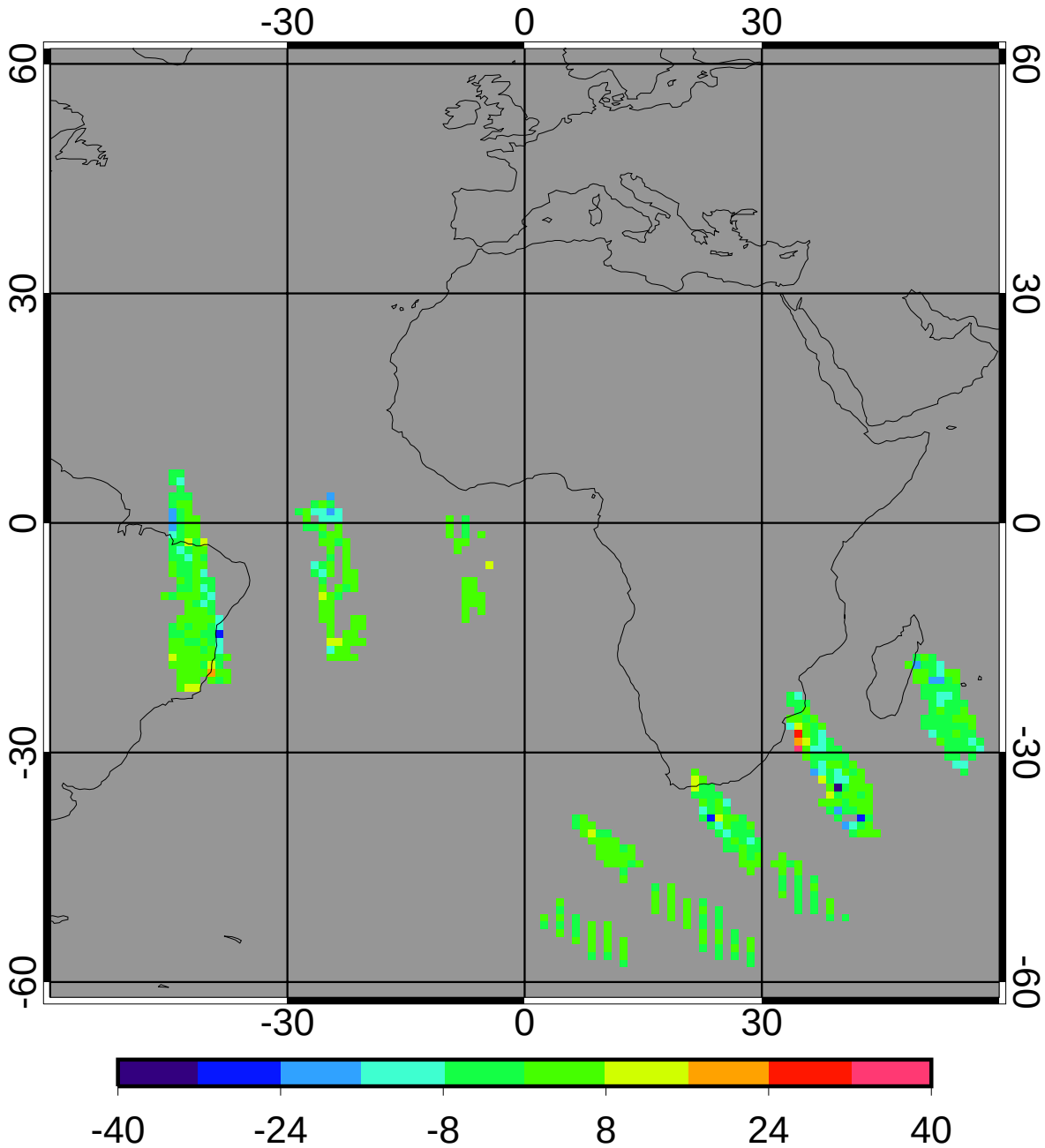
5ch Jan 2010 (matched angle) (lapse rate)



271.68

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

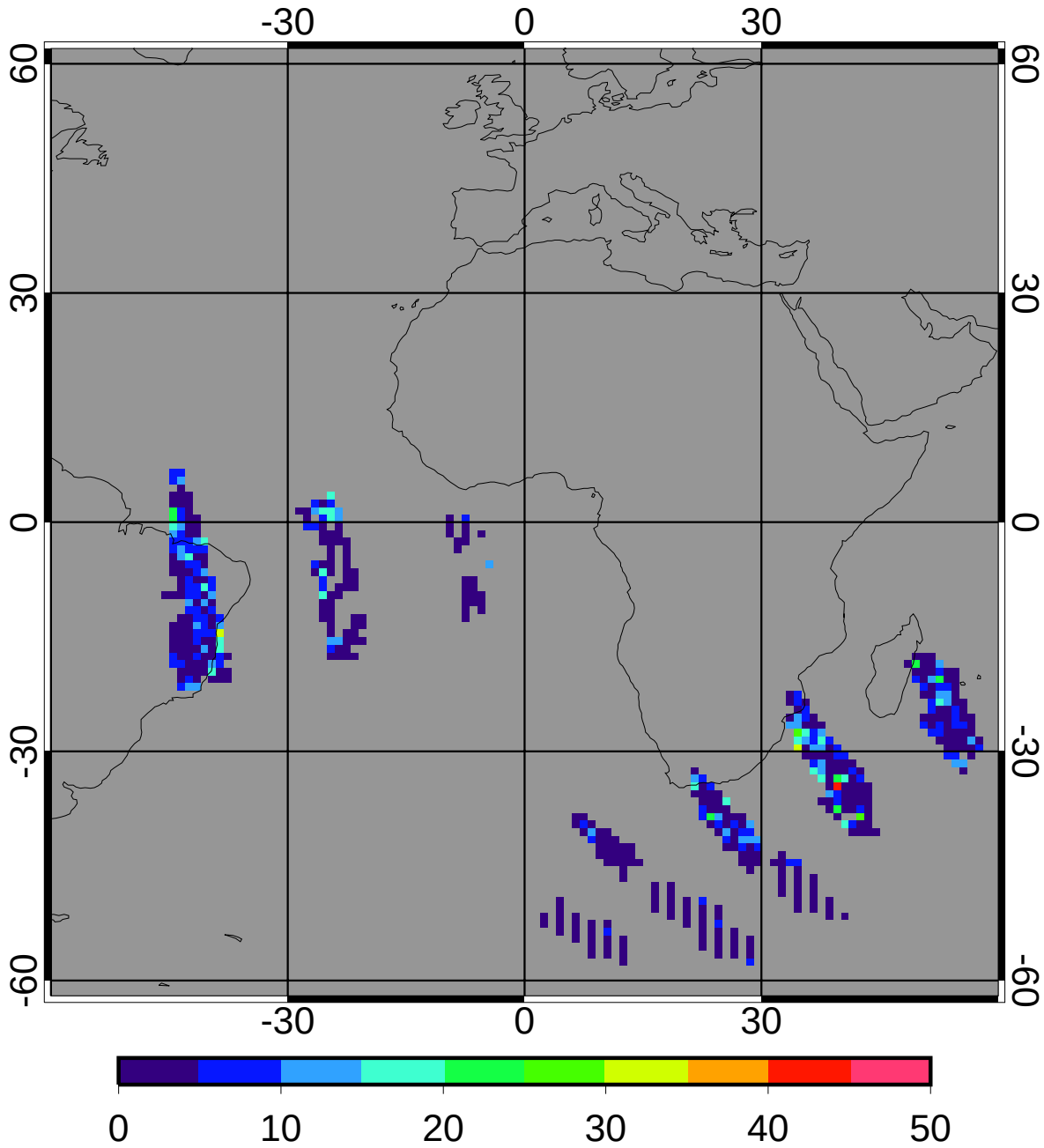
5ch Jan 2010 (matched angle) (lapse rate)



bias	-1.12	-0.41%
domain sigma	5.72	2.11%

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

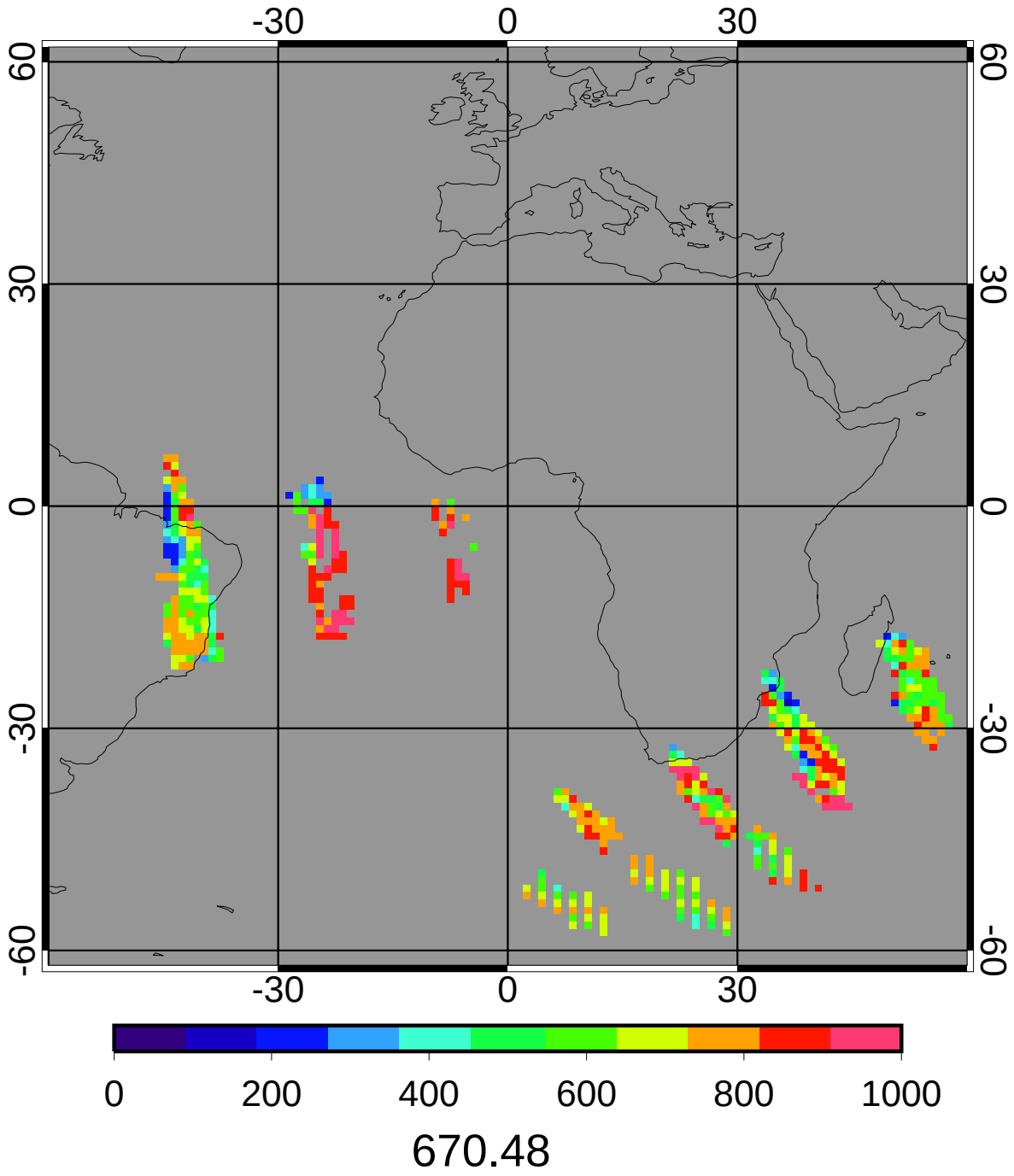
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	4.91	1.81%
domain rms	6.52	2.40%

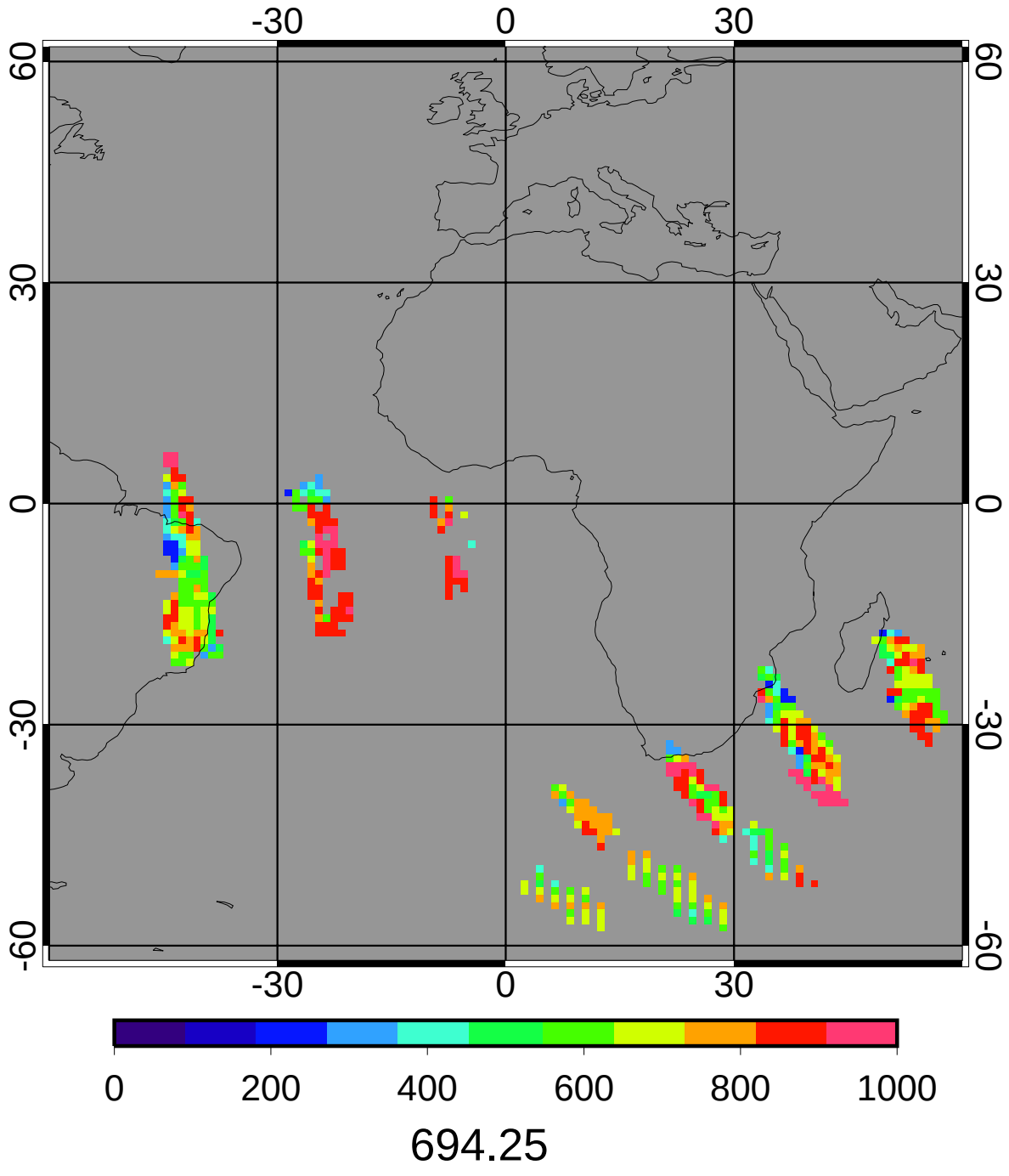
GGEO MEAN Daytime Cloud Eff Pressure (mb)

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



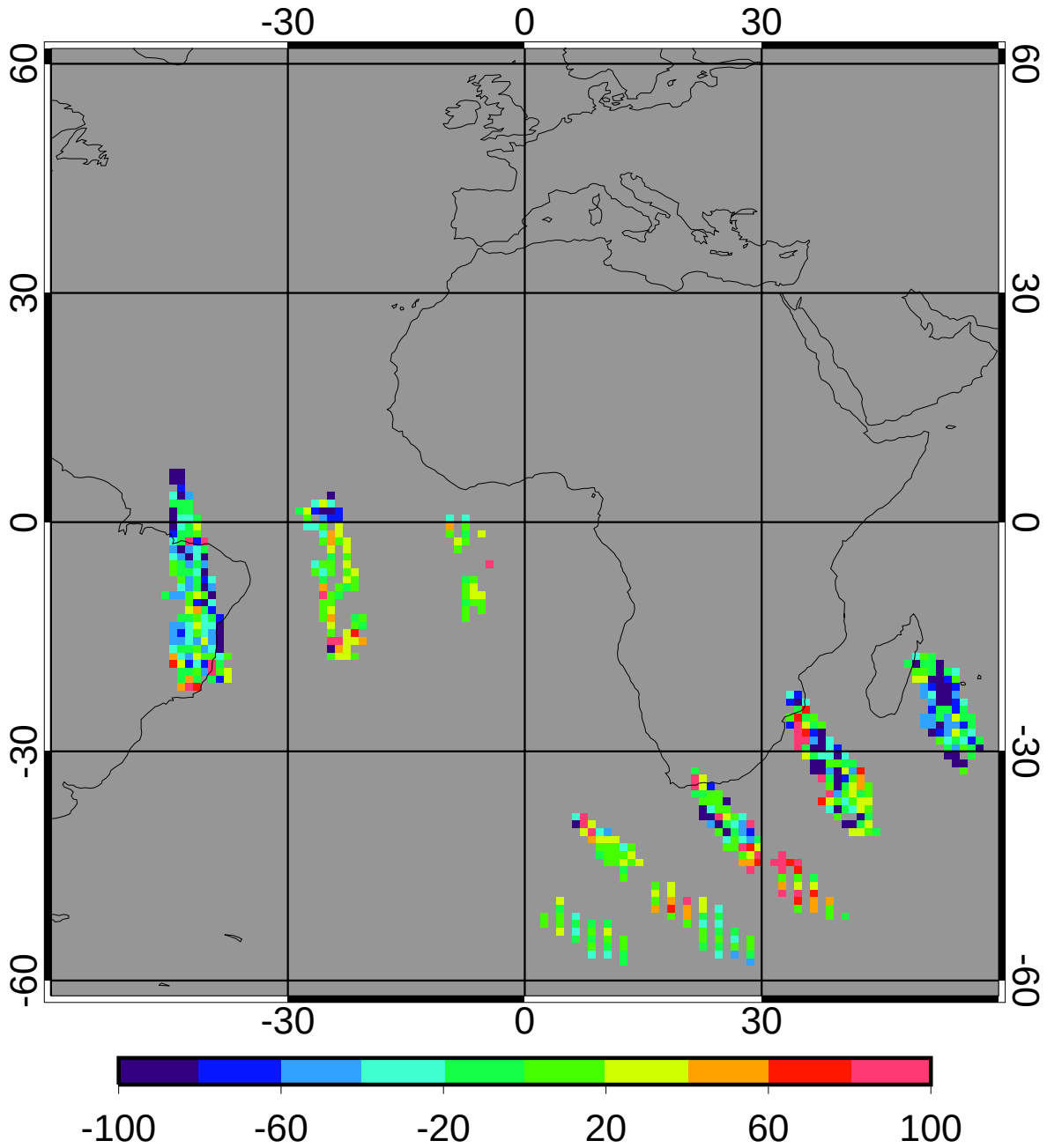
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

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



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

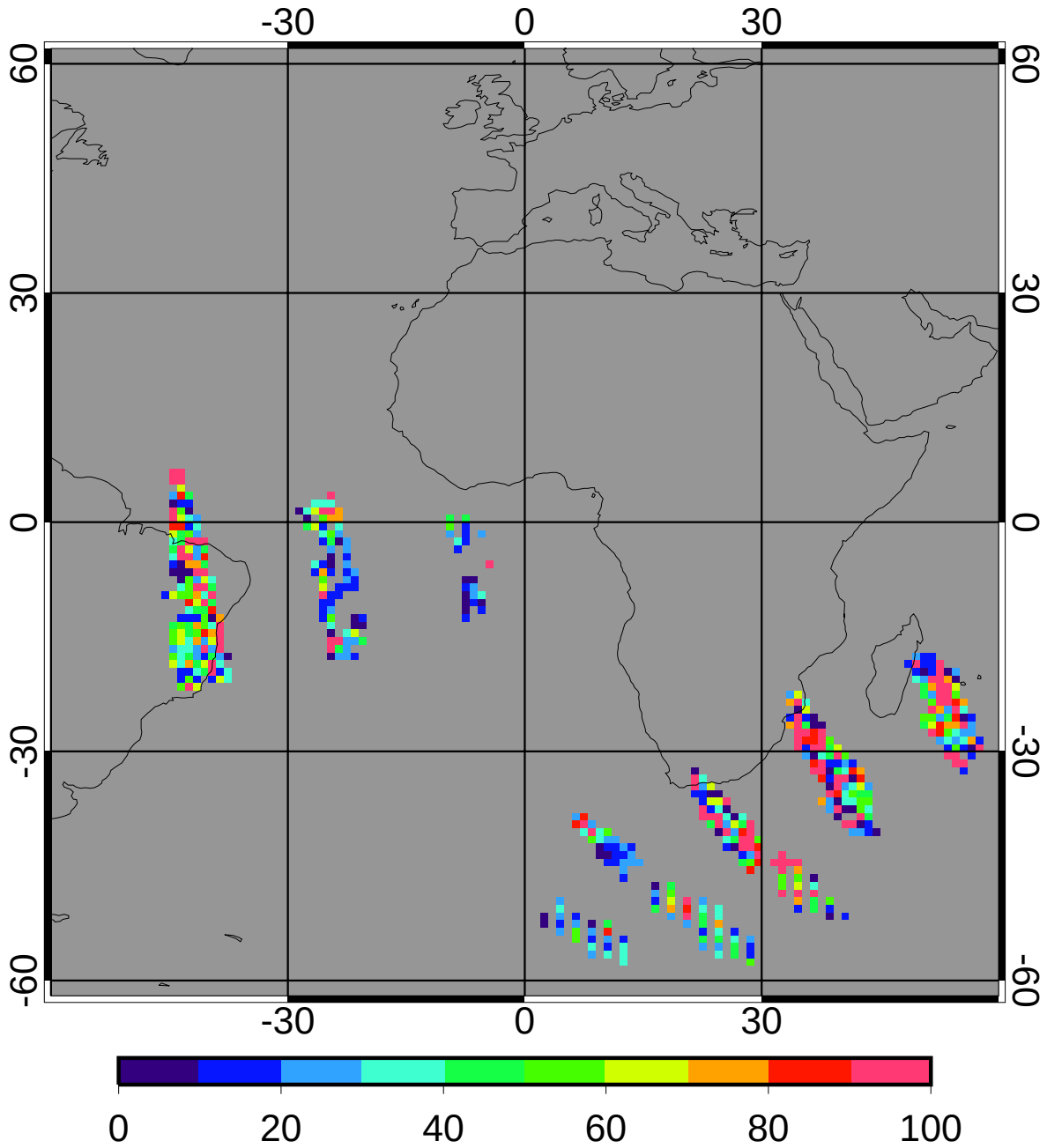
5ch Jan 2010 (matched angle) (lapse rate)



bias	-13.03	-1.88%
domain sigma	60.42	8.70%

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

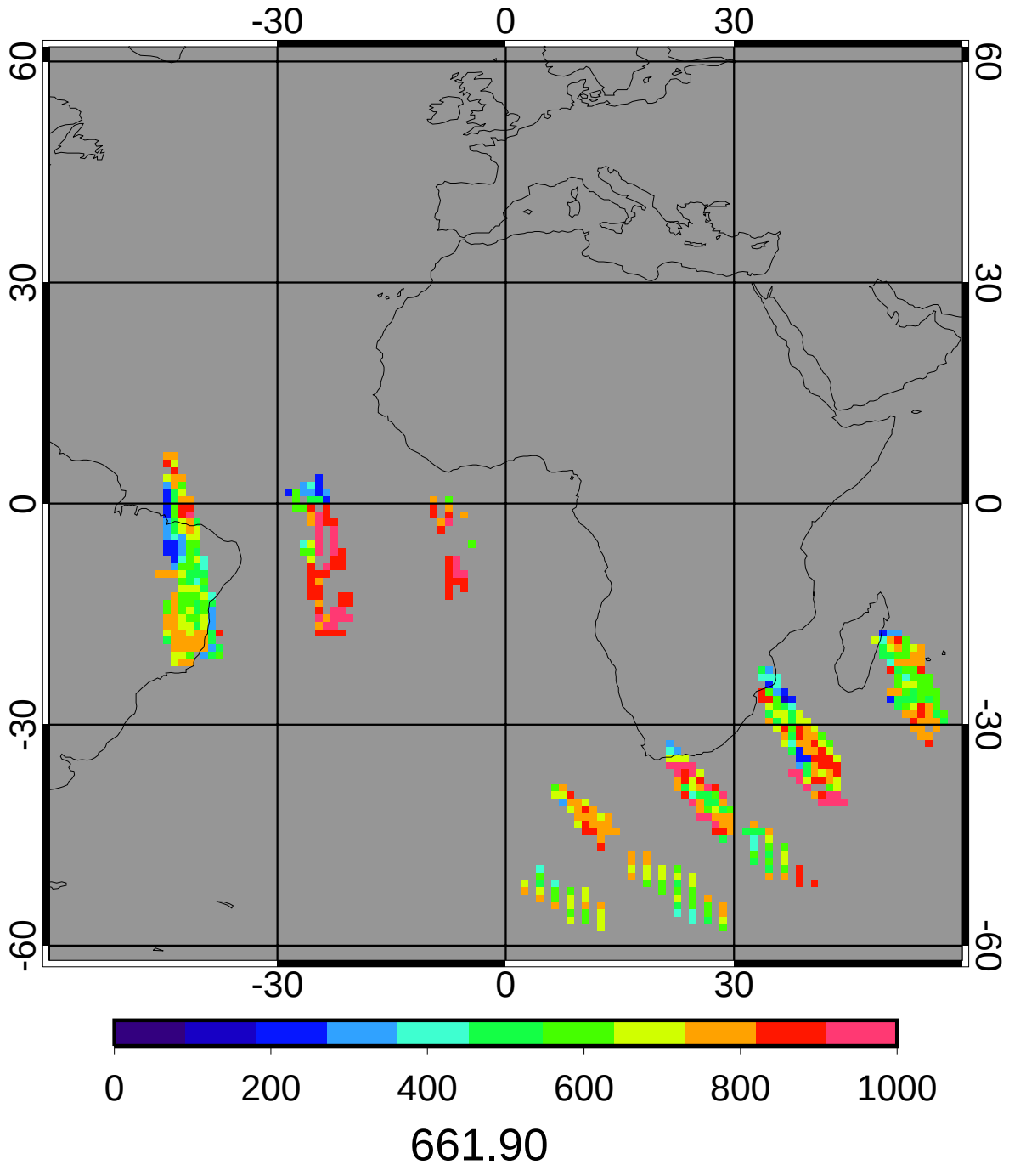
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	55.91	8.05%
domain rms	72.30	10.41%

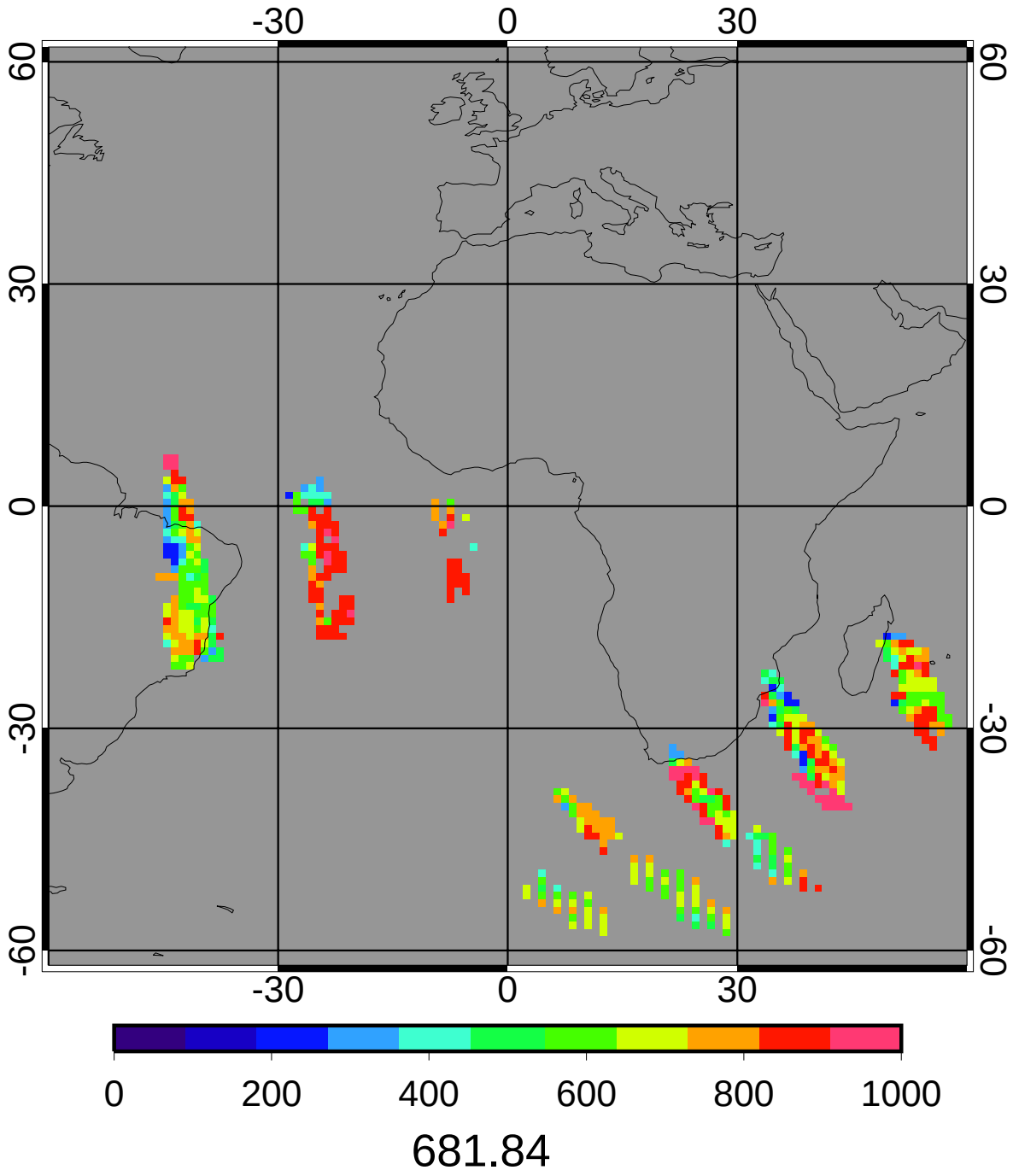
GGEO MEAN Daytime Cloud Top Pressure (mb)

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



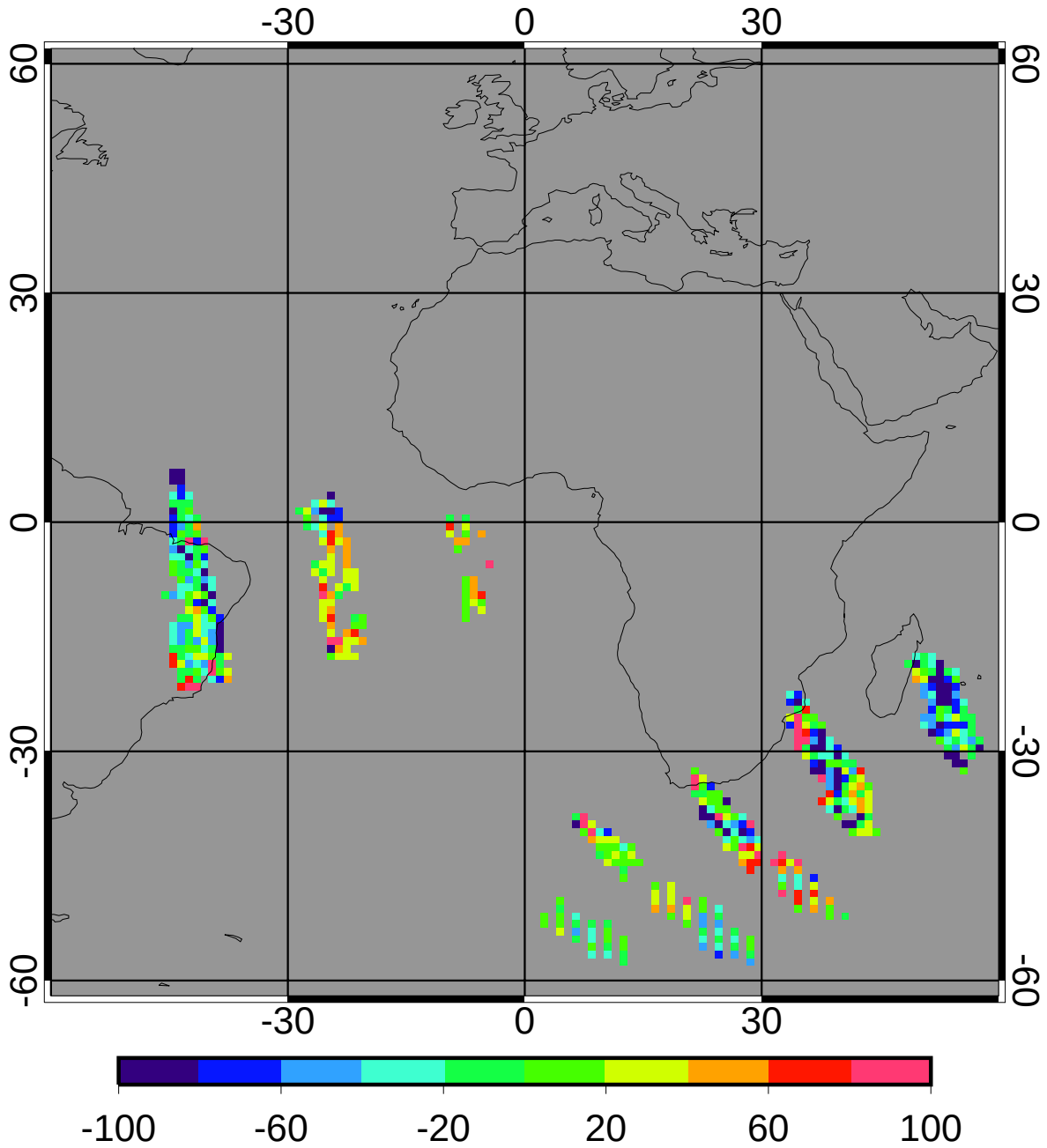
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

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



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

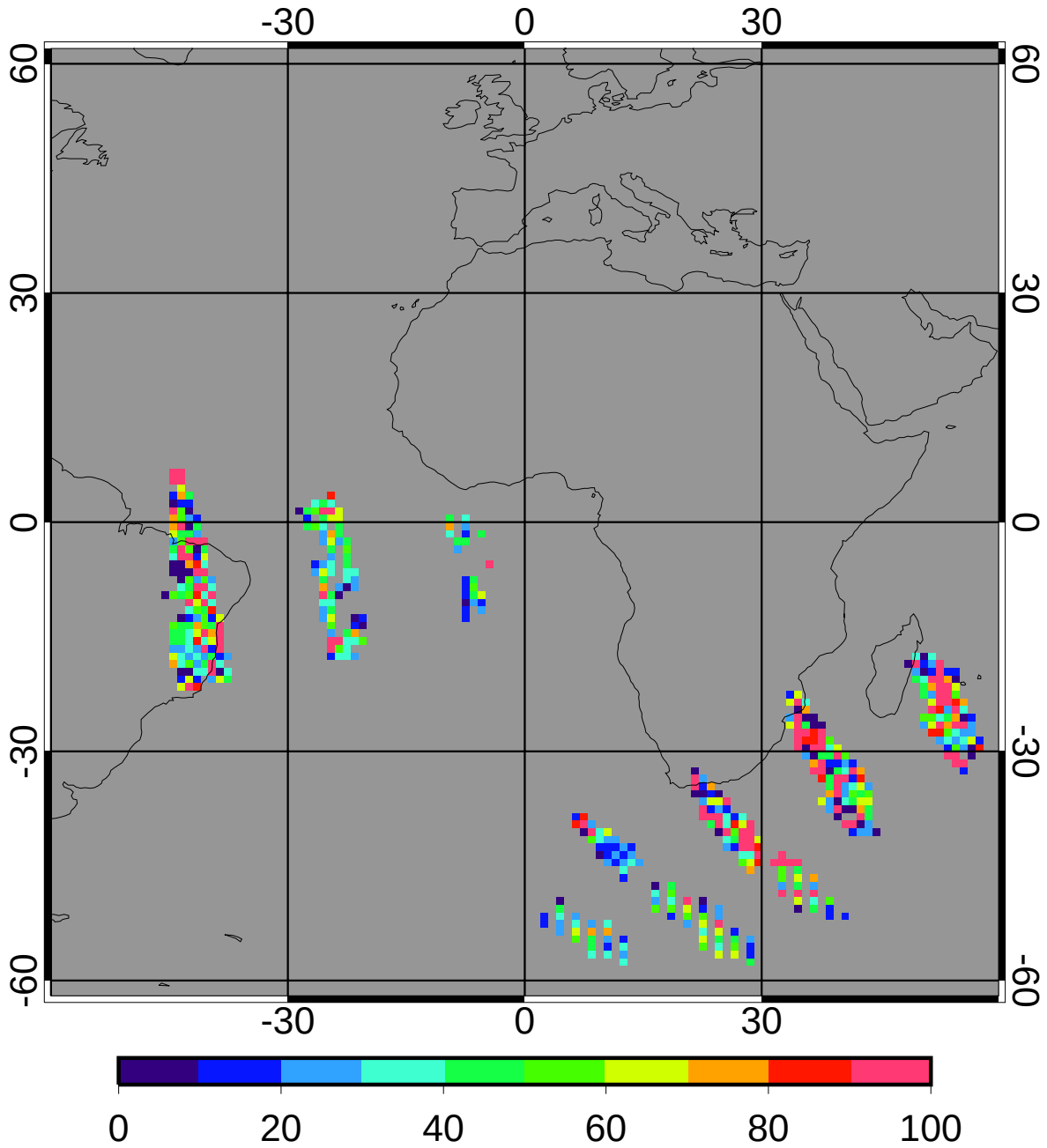
5ch Jan 2010 (matched angle) (lapse rate)



bias	-9.43	-1.38%
domain sigma	61.54	9.02%

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

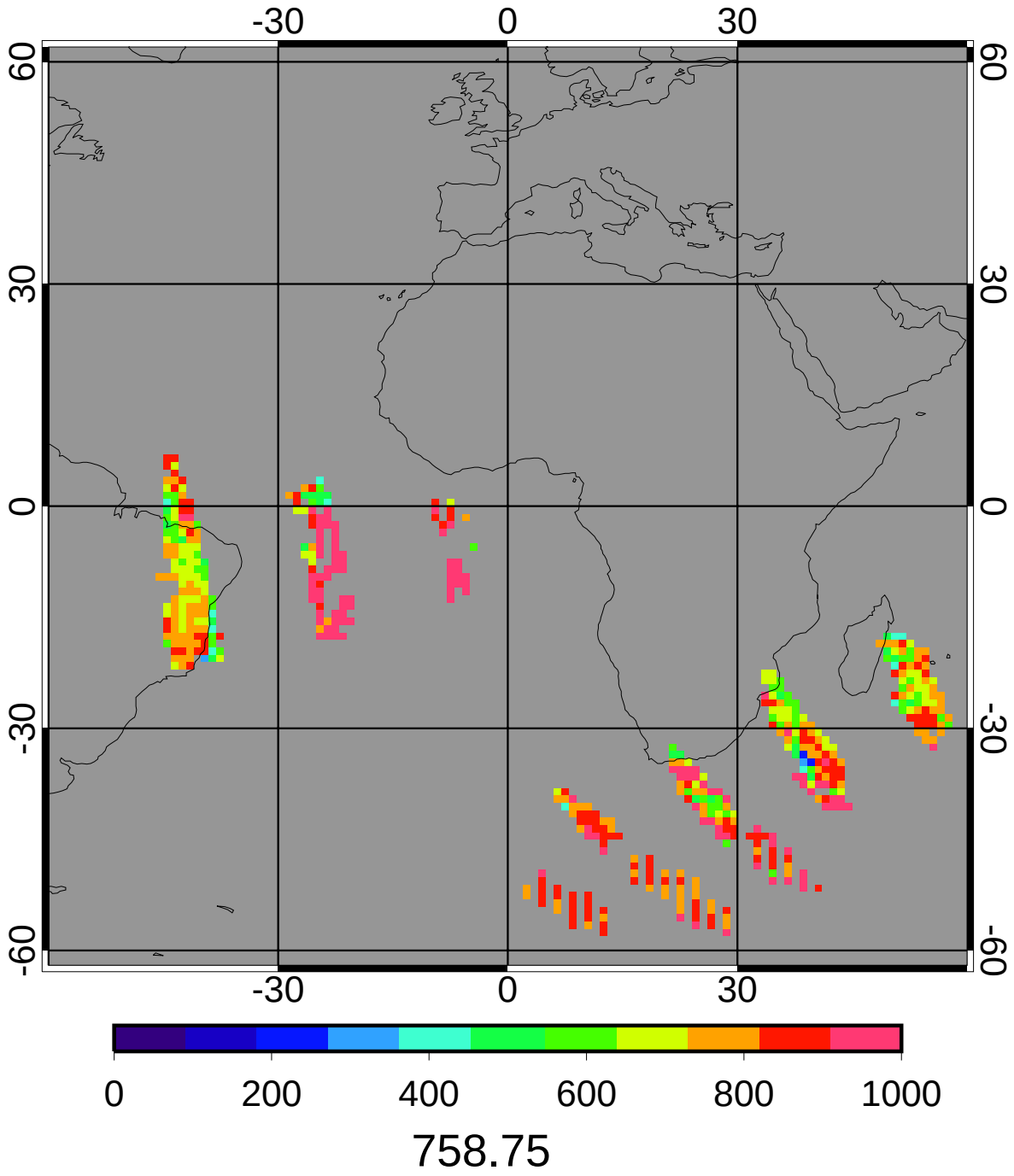
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	57.63	8.45%
domain rms	73.15	10.73%

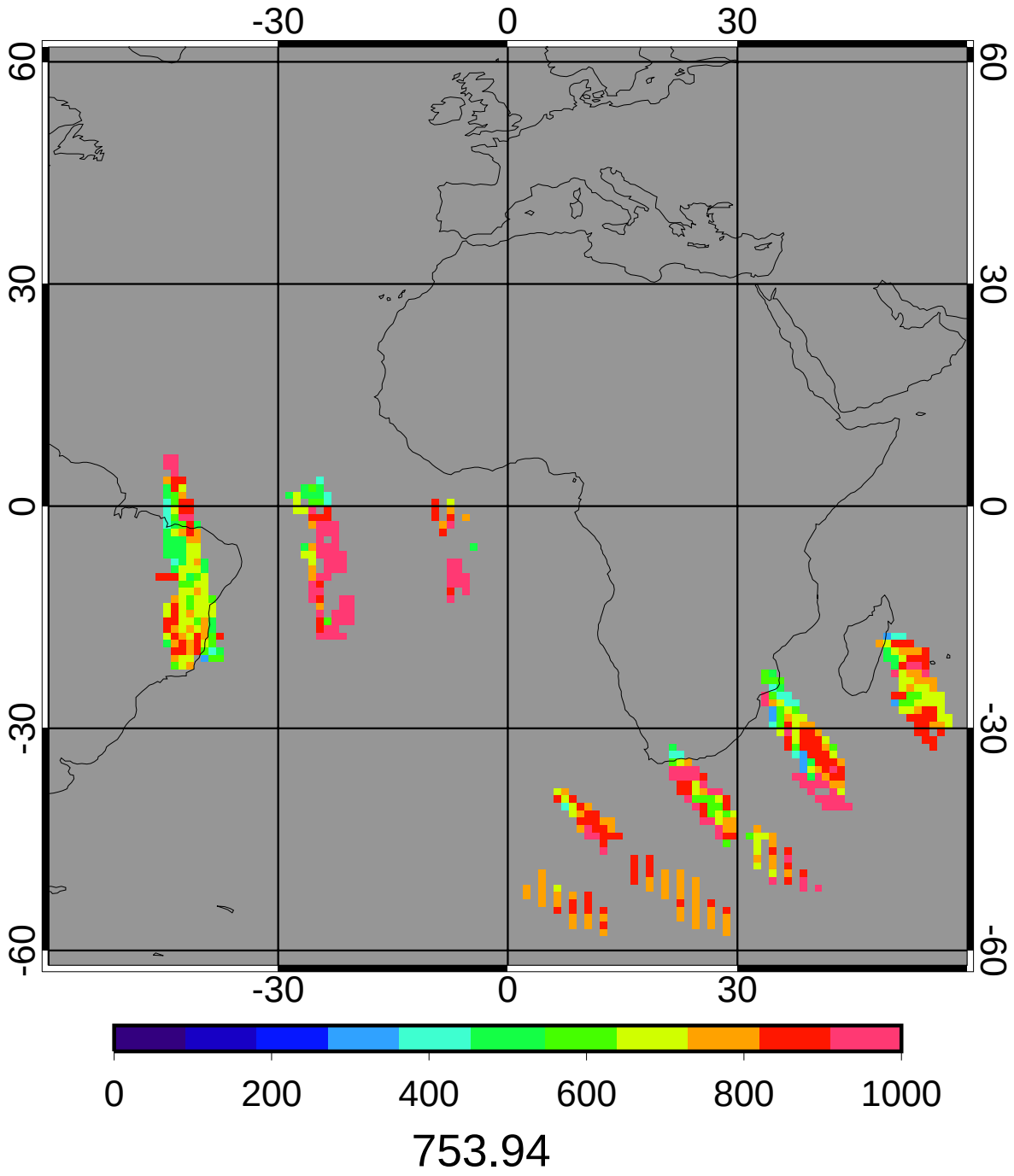
GGEO MEAN Daytime Cloud Base Pressure (mb)

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



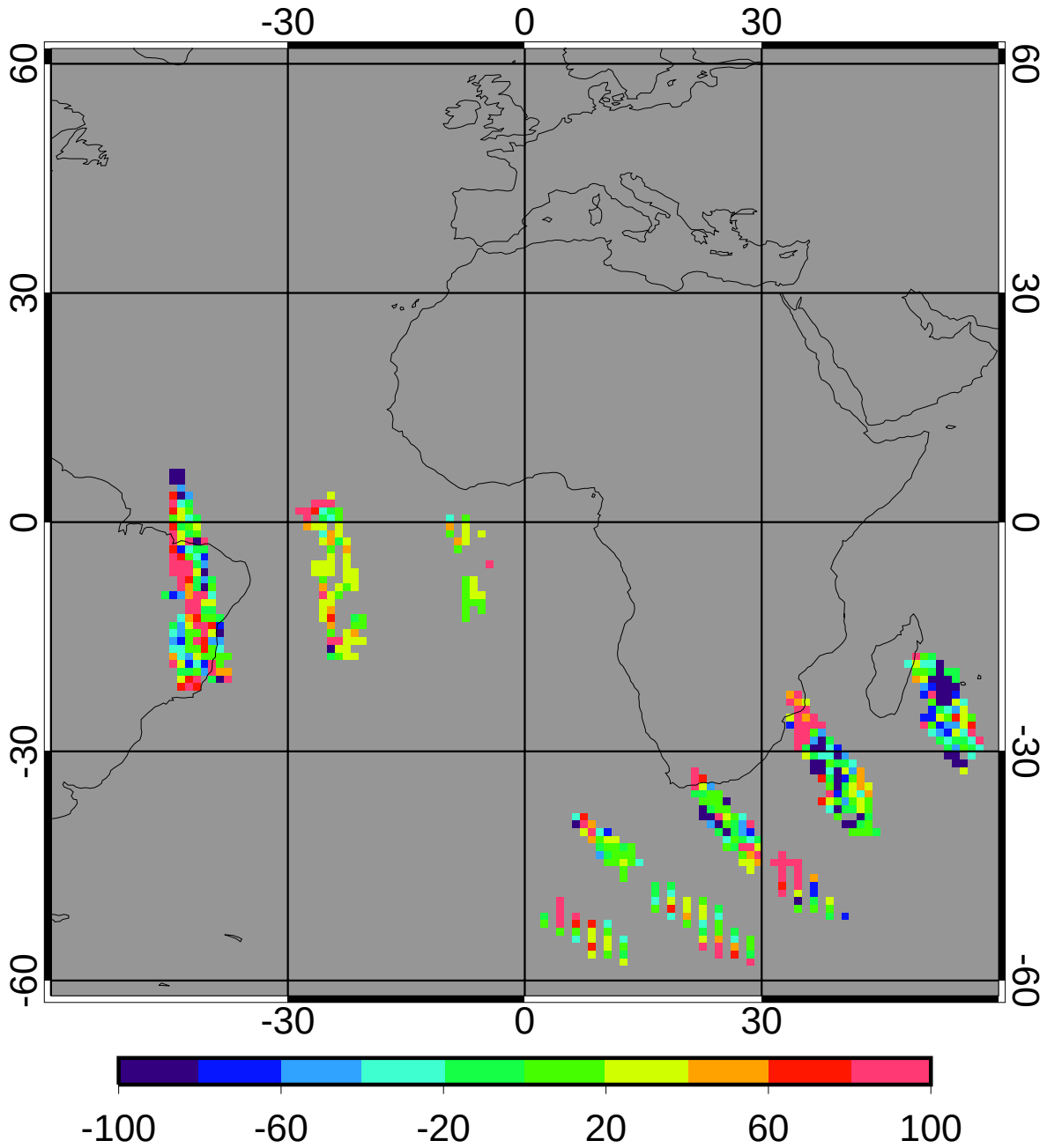
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

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



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

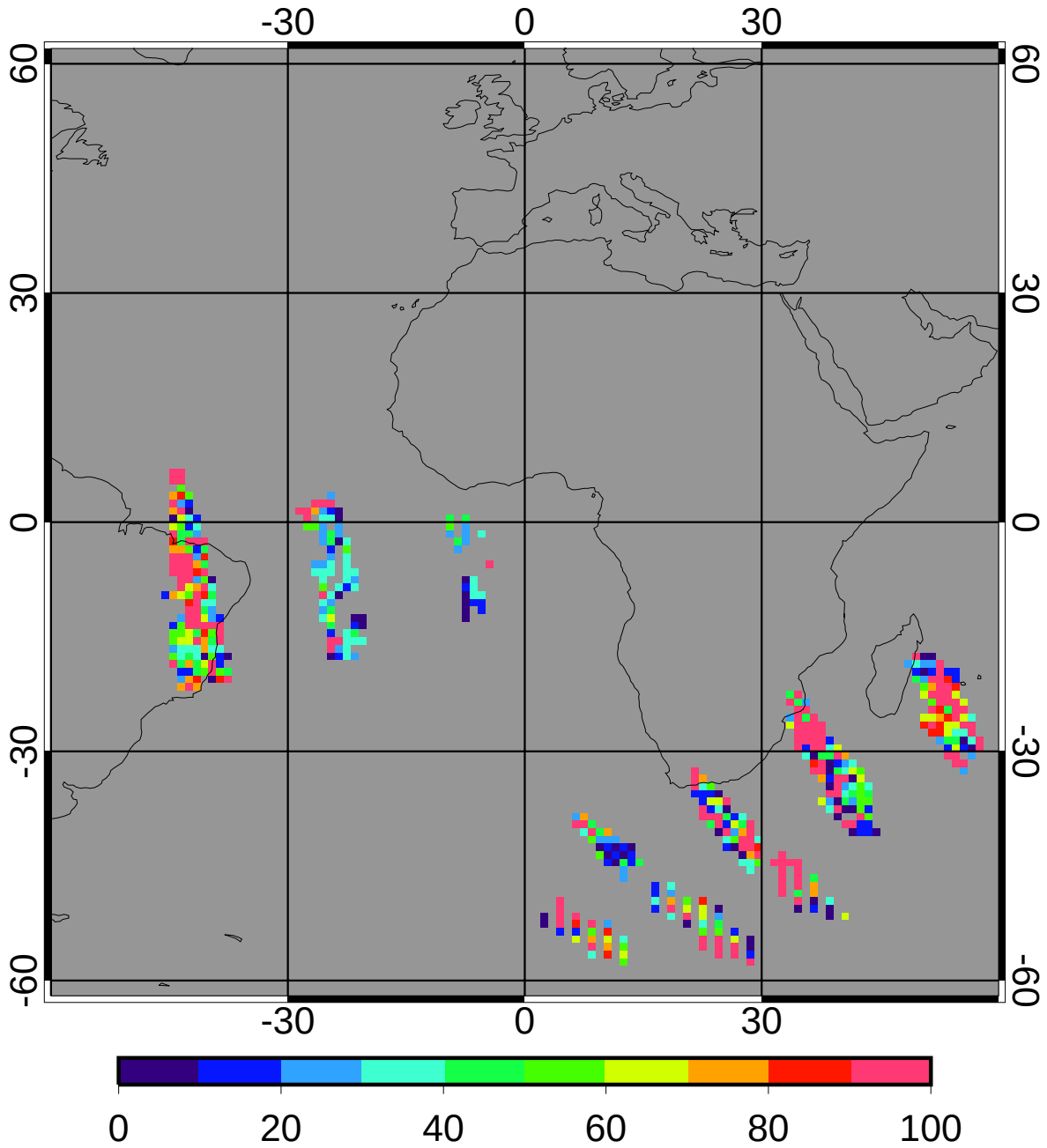
5ch Jan 2010 (matched angle) (lapse rate)



bias	15.78	2.09%
domain sigma	76.00	10.08%

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

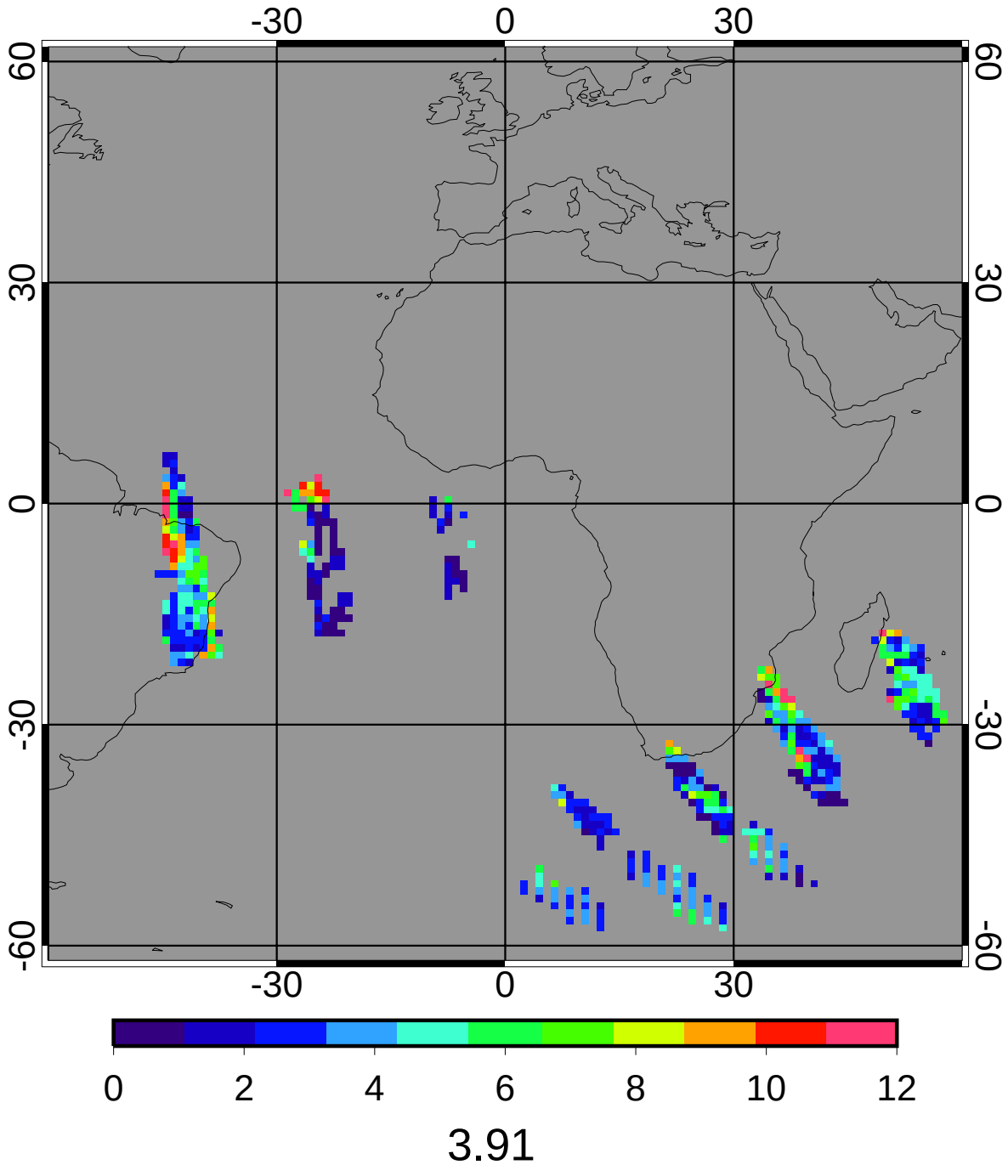
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	71.68	9.51%
domain rms	89.63	11.89%

GGEO MEAN Daytime Cloud Eff Height (km)

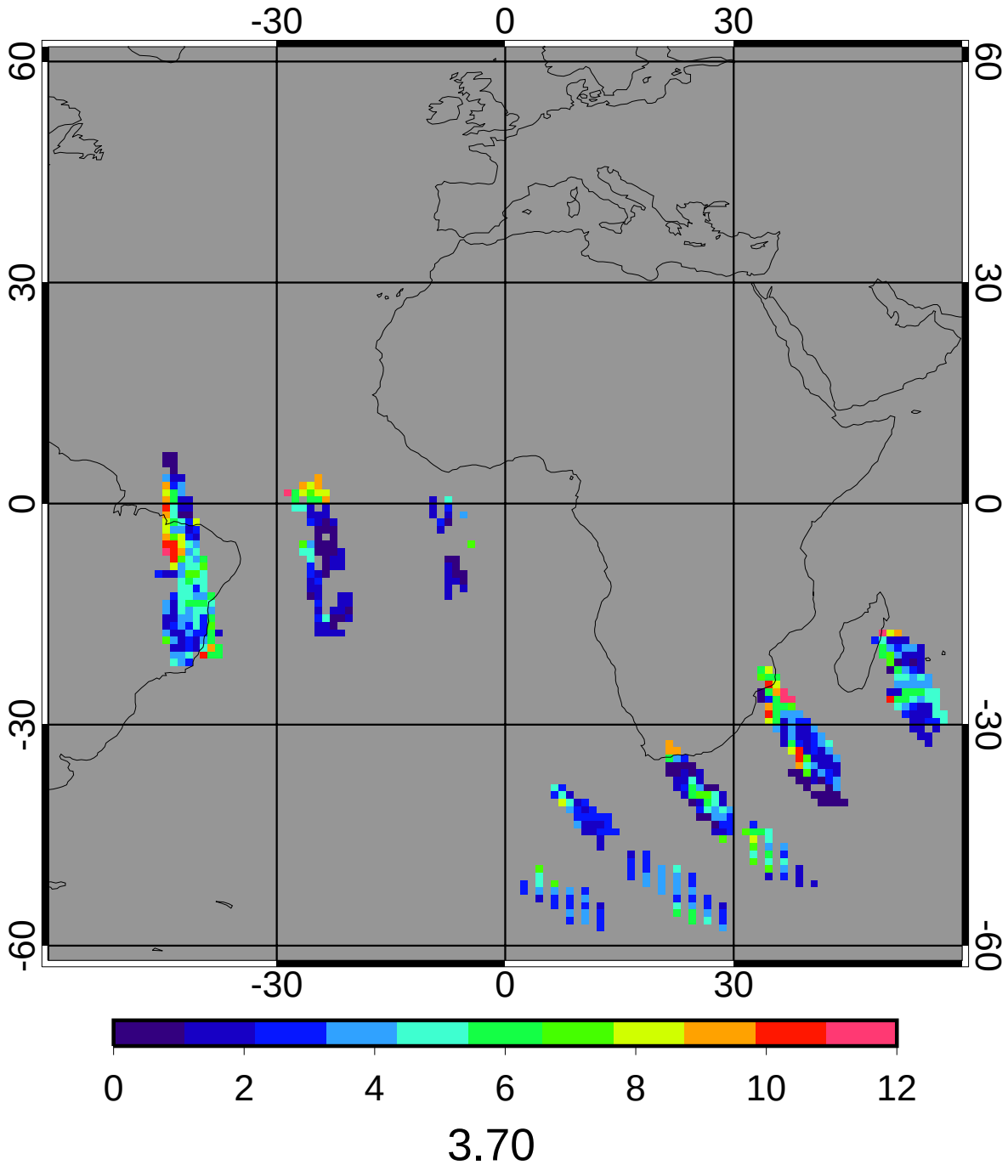
5ch Jan 2010 (matched angle) (lapse rate)



3.91

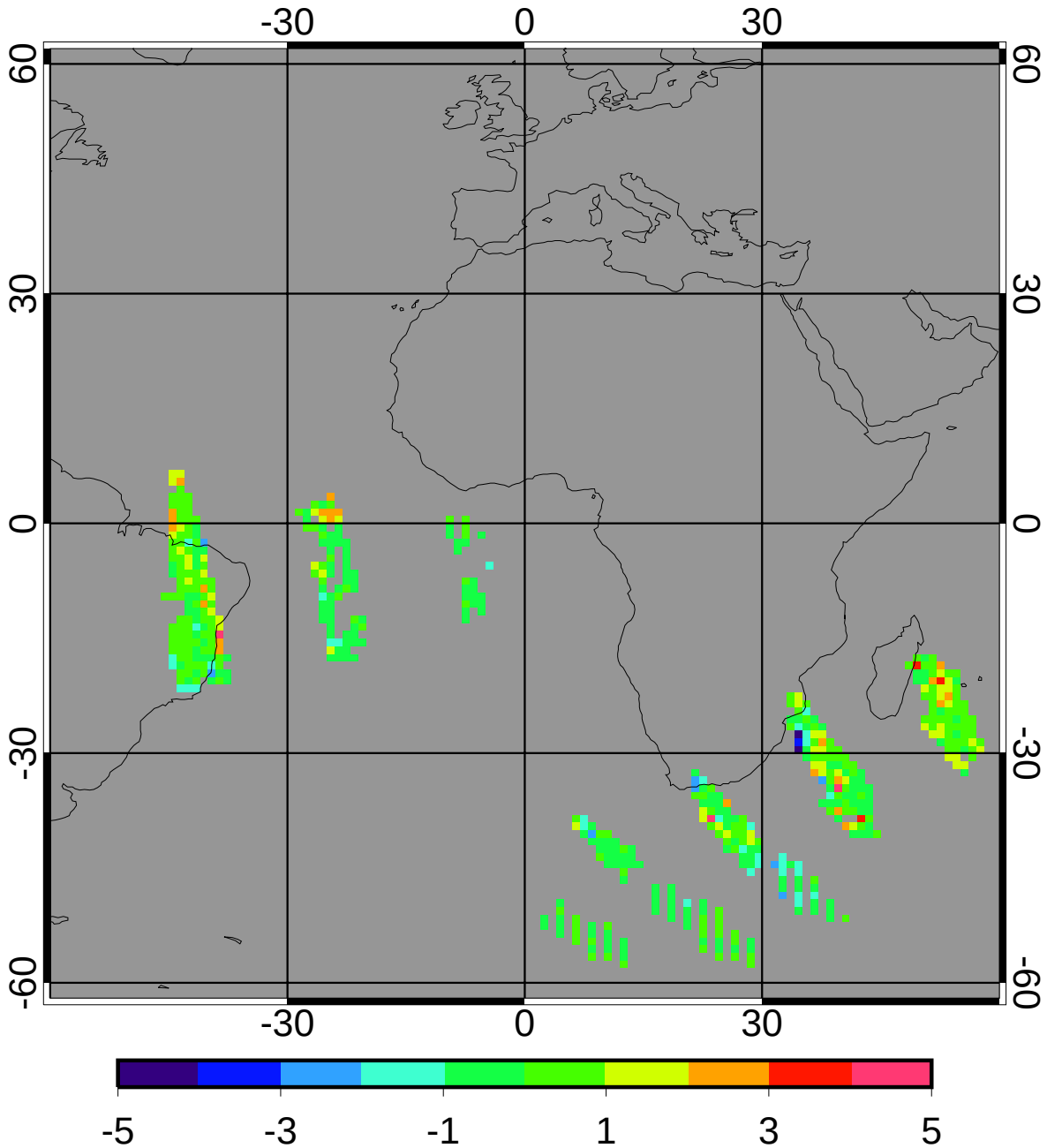
CERES/Aqua MEAN Daytime Cloud Eff Height (km)

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



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

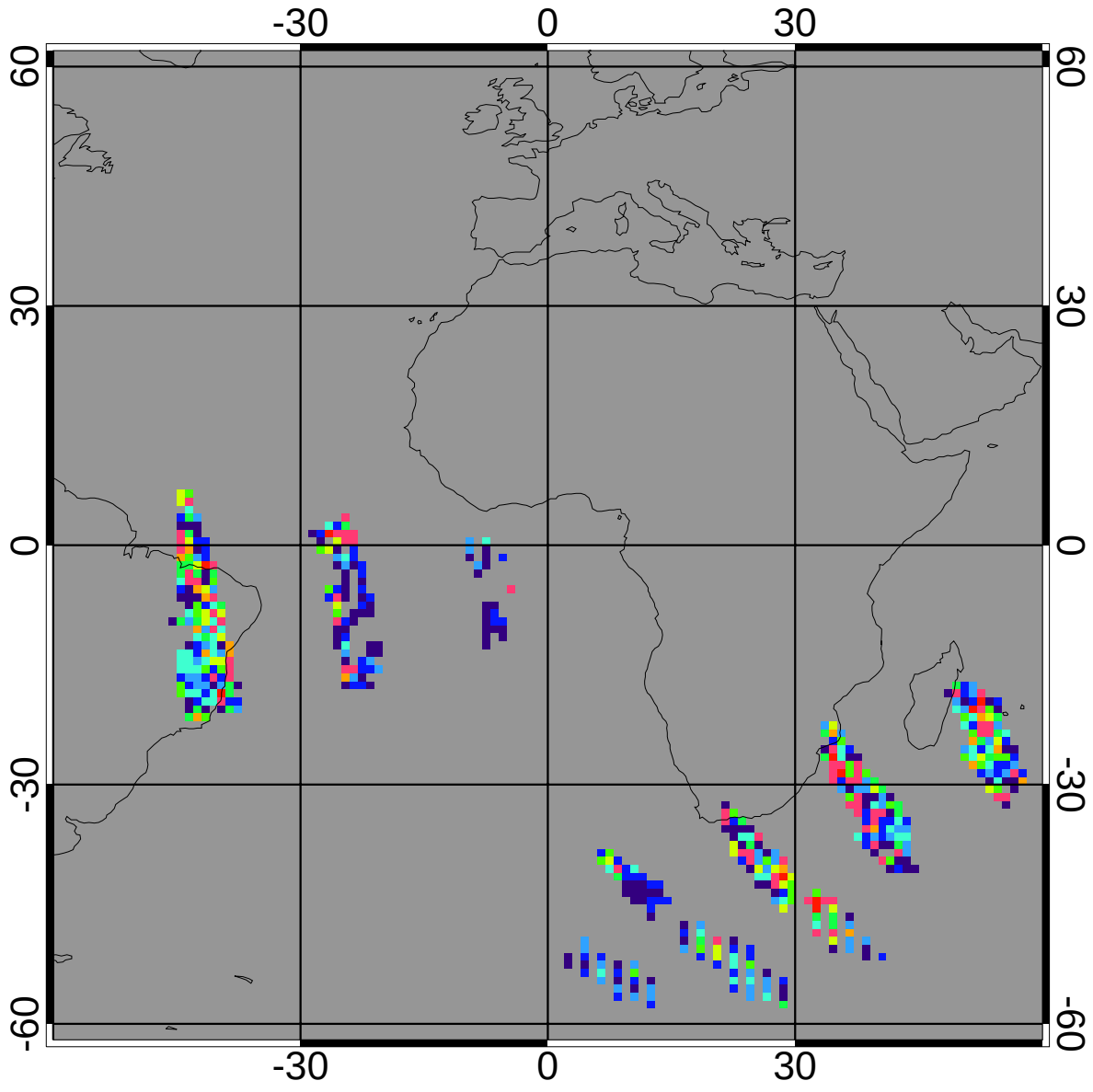
5ch Jan 2010 (matched angle) (lapse rate)



bias	0.21	5.77%
domain sigma	0.92	24.77%

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

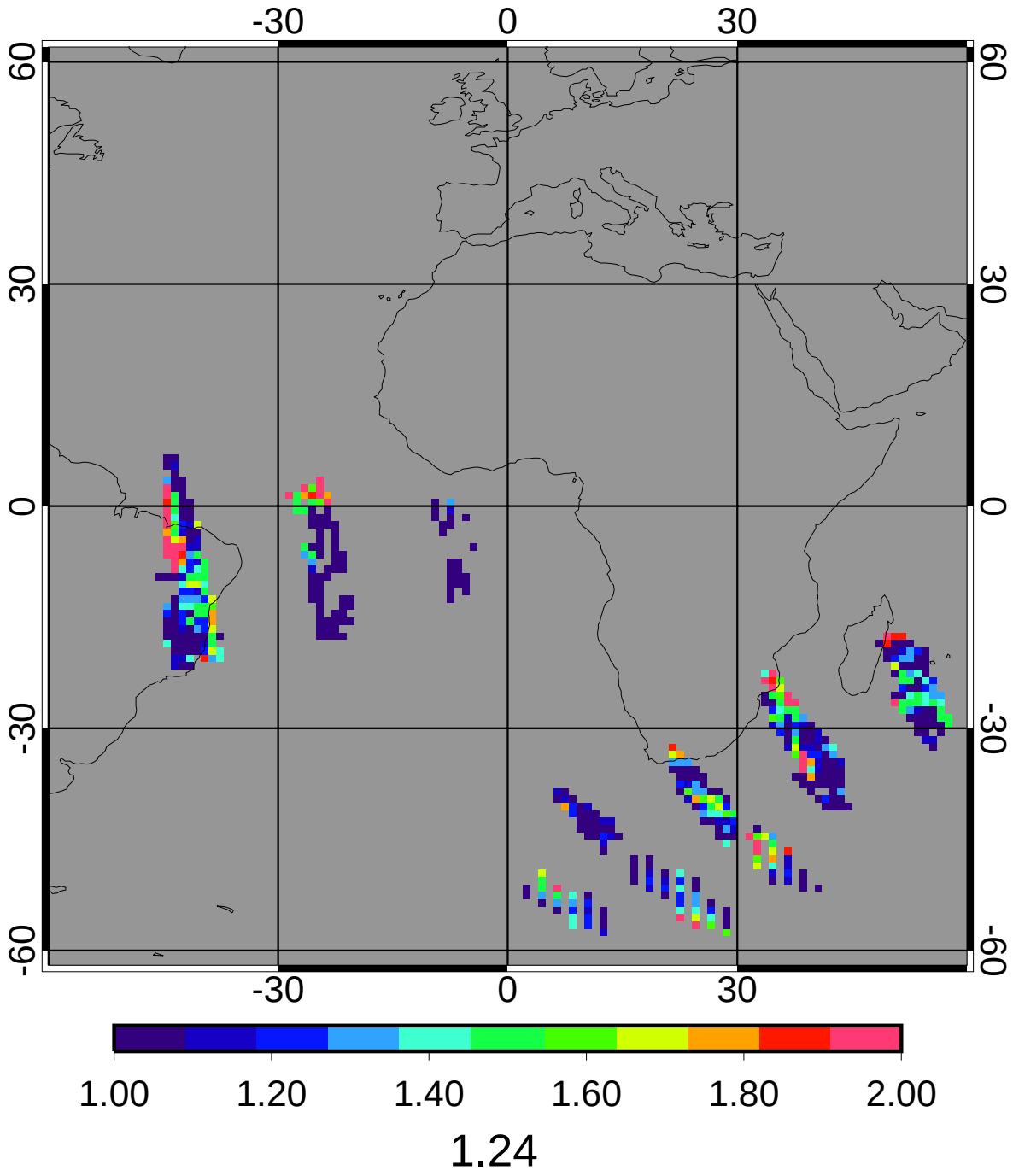
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	0.82	22.21%
domain rms	1.08	29.28%

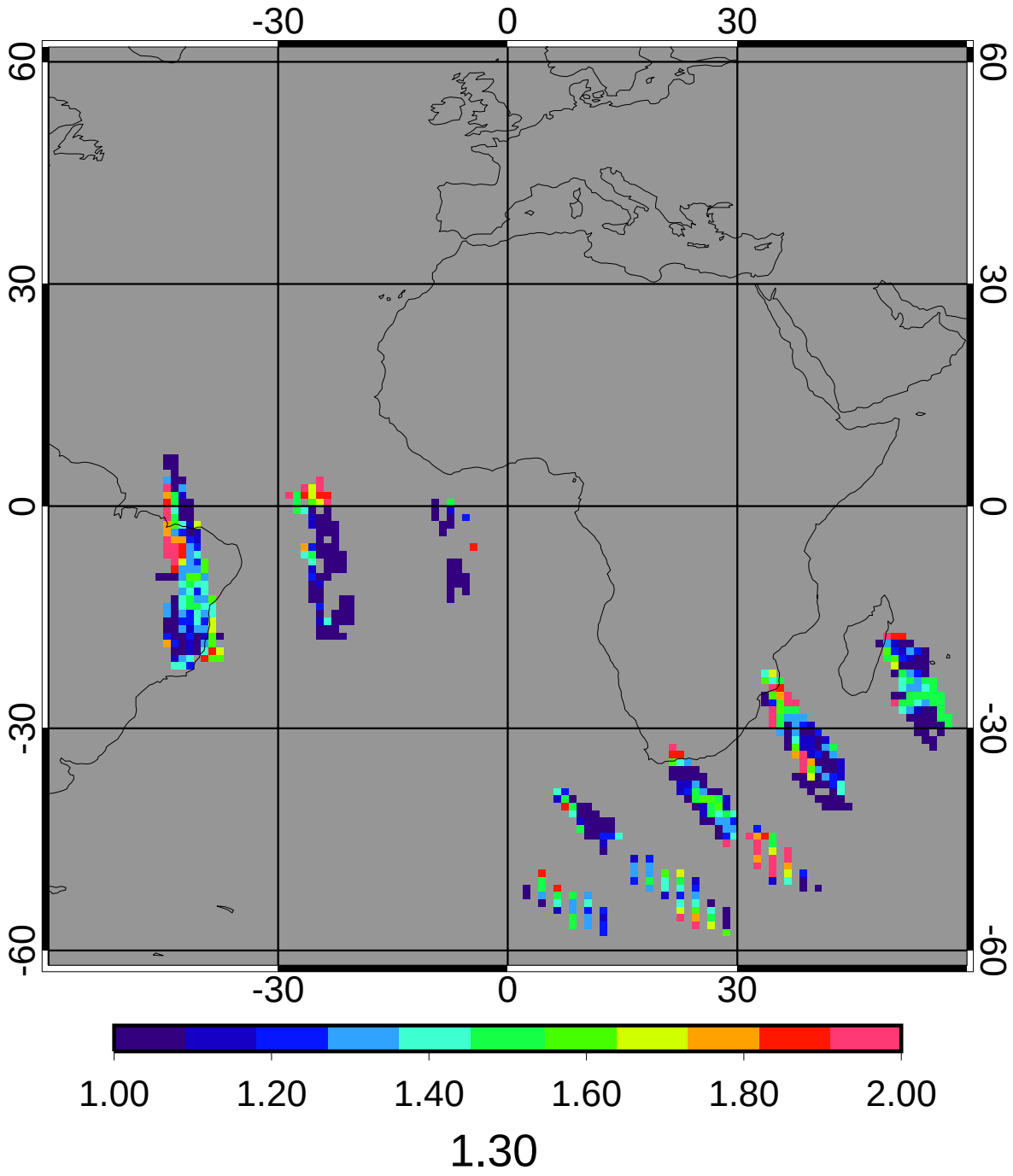
GGEO MEAN Daytime Cloud Phase

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



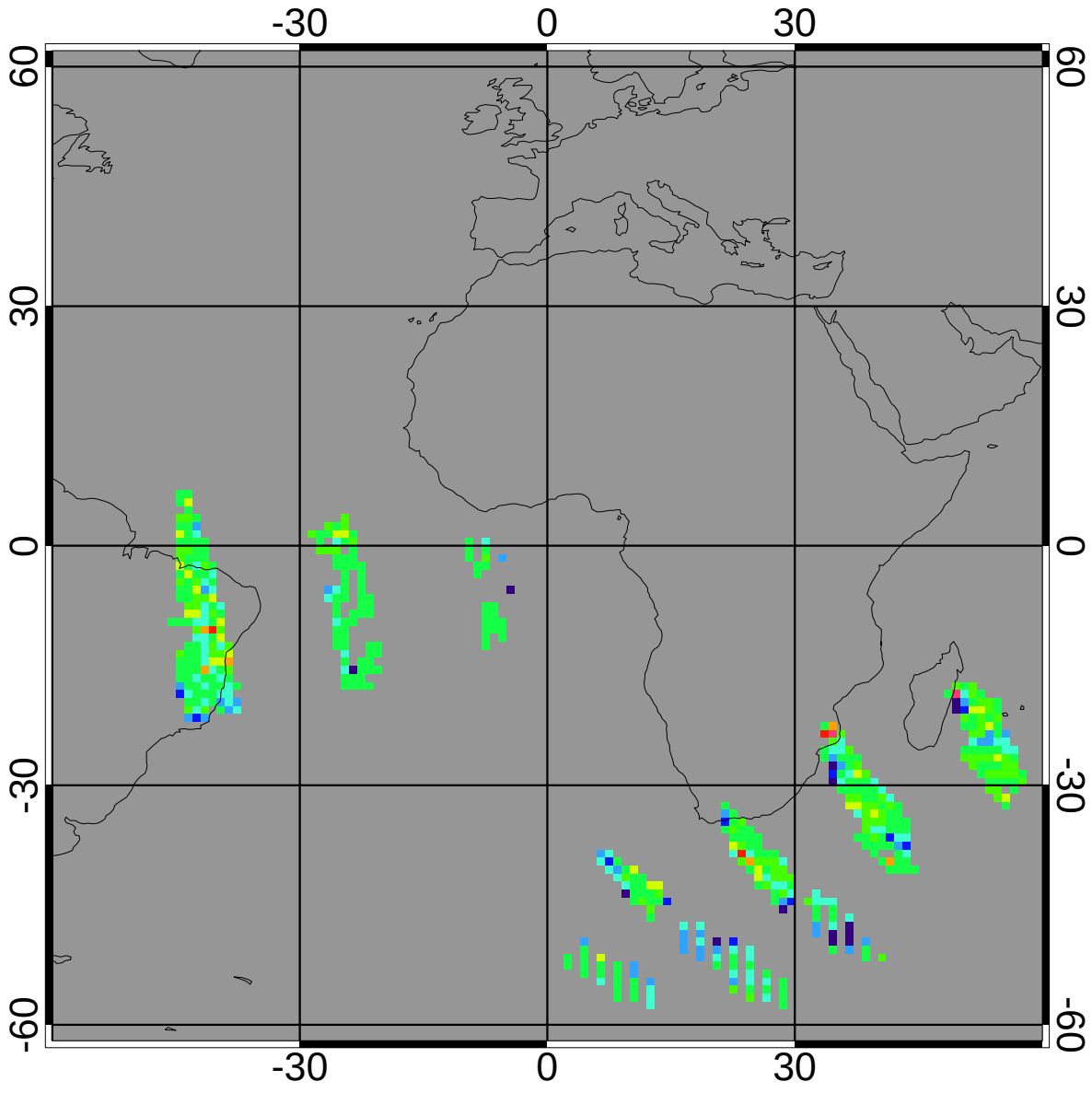
CERES/Aqua MEAN Daytime Cloud Phase

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



GGEO - CERES/Aqua Daytime Cloud Phase Bias

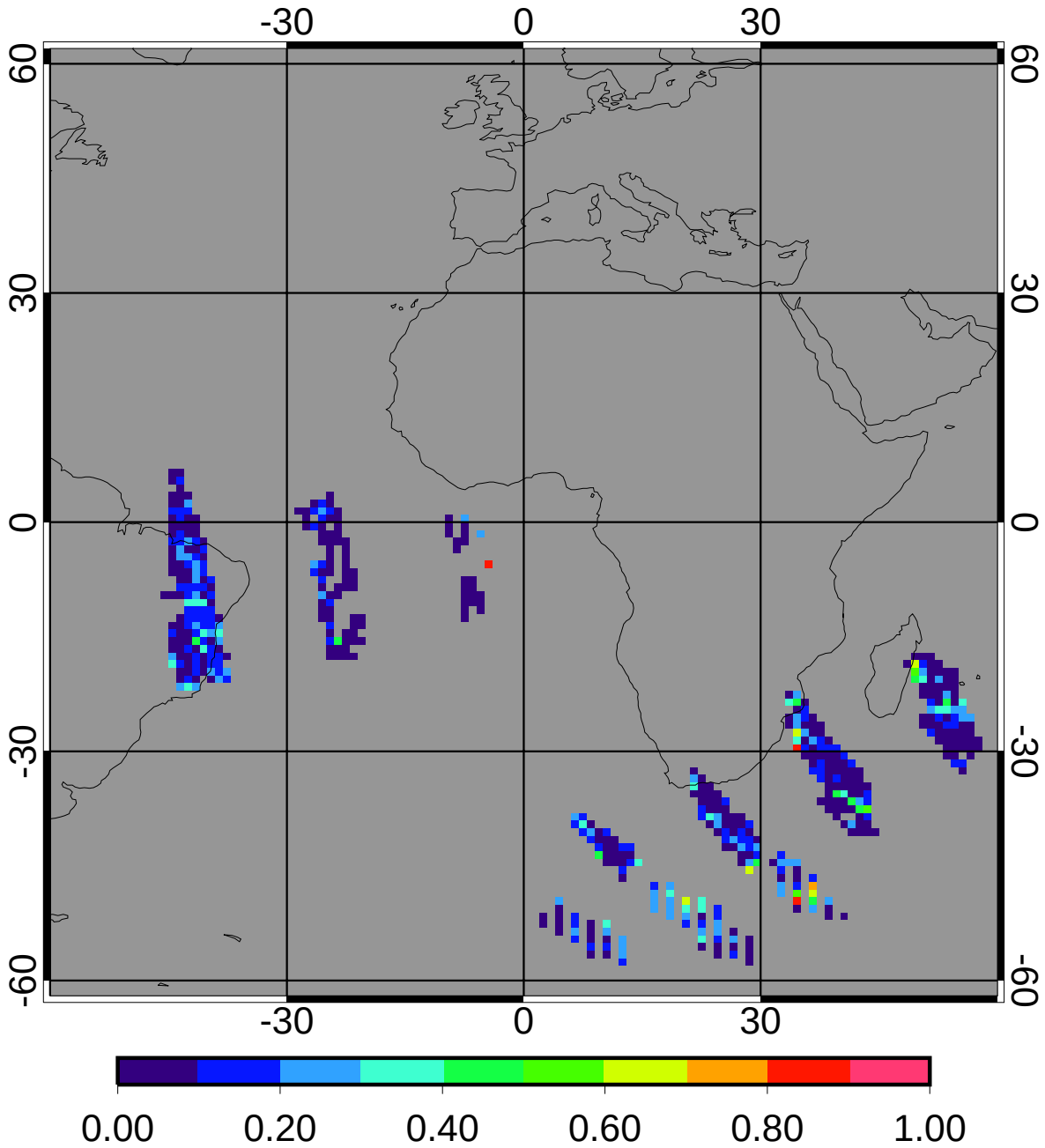
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.05	-3.60%
domain sigma	0.12	9.37%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

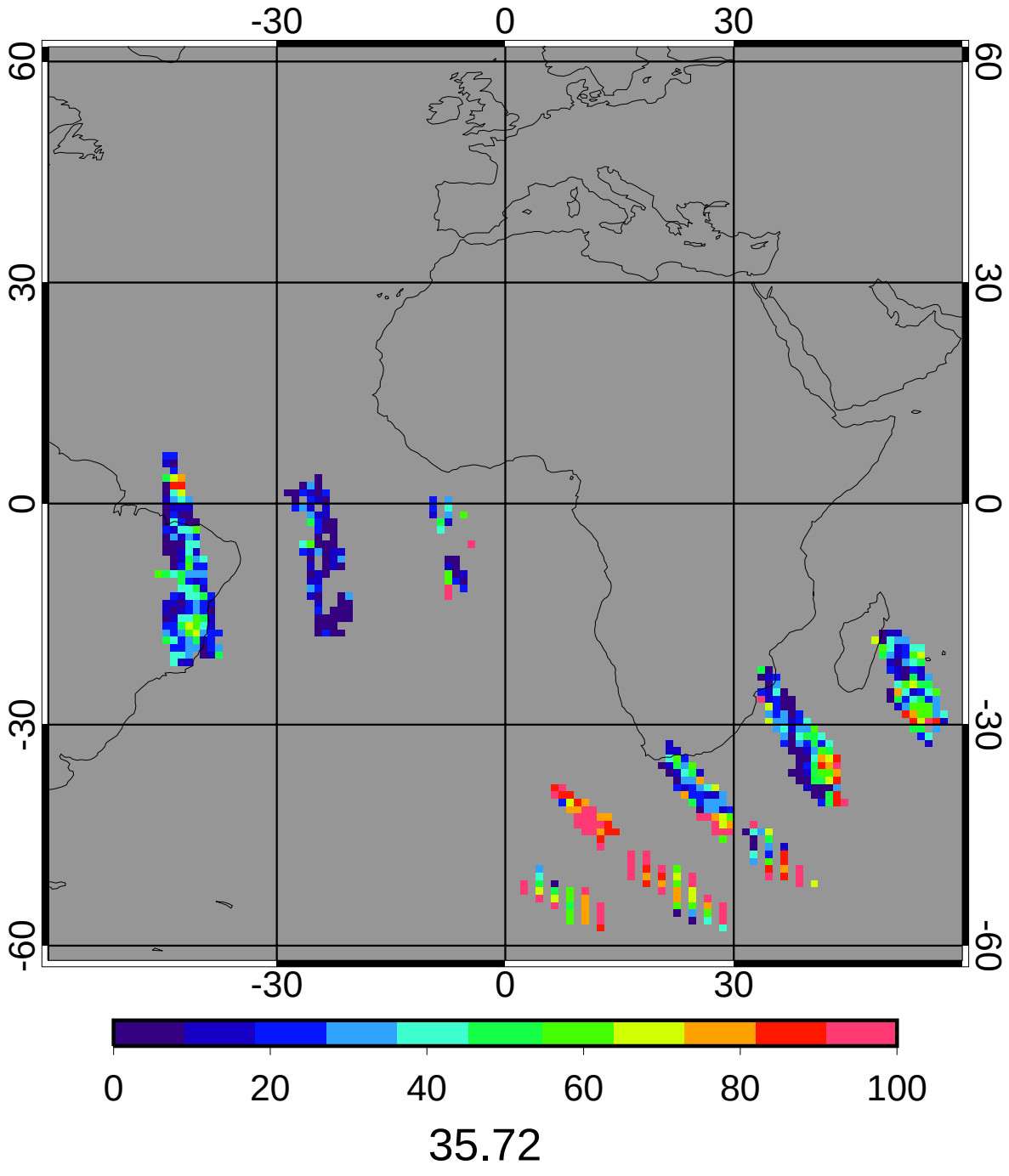
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	0.11	8.35%
domain rms	0.16	12.43%

GGEO MEAN Daytime Liquid Cld Amt (%)

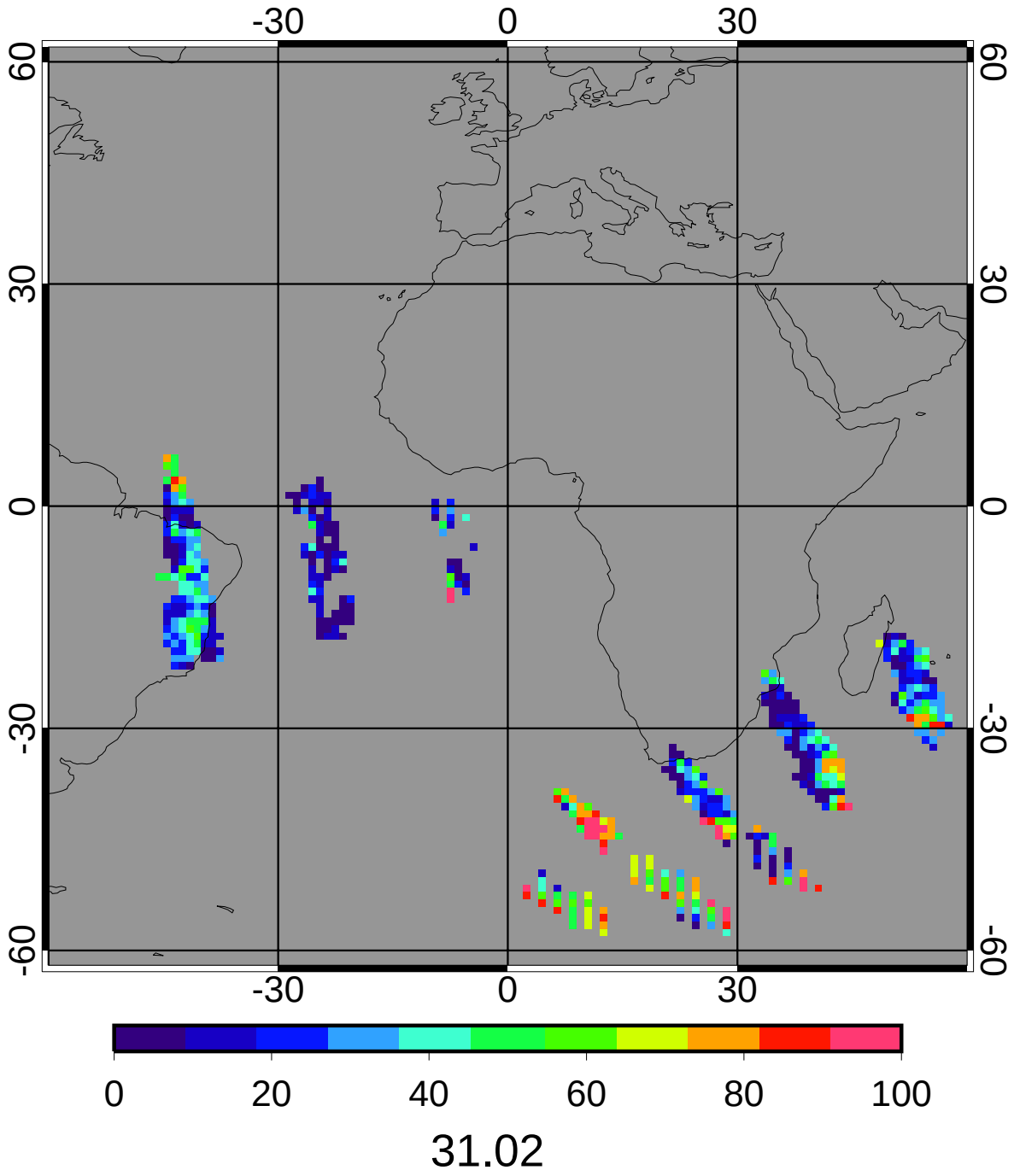
5ch Jan 2010 (matched angle) (lapse rate)



35.72

CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

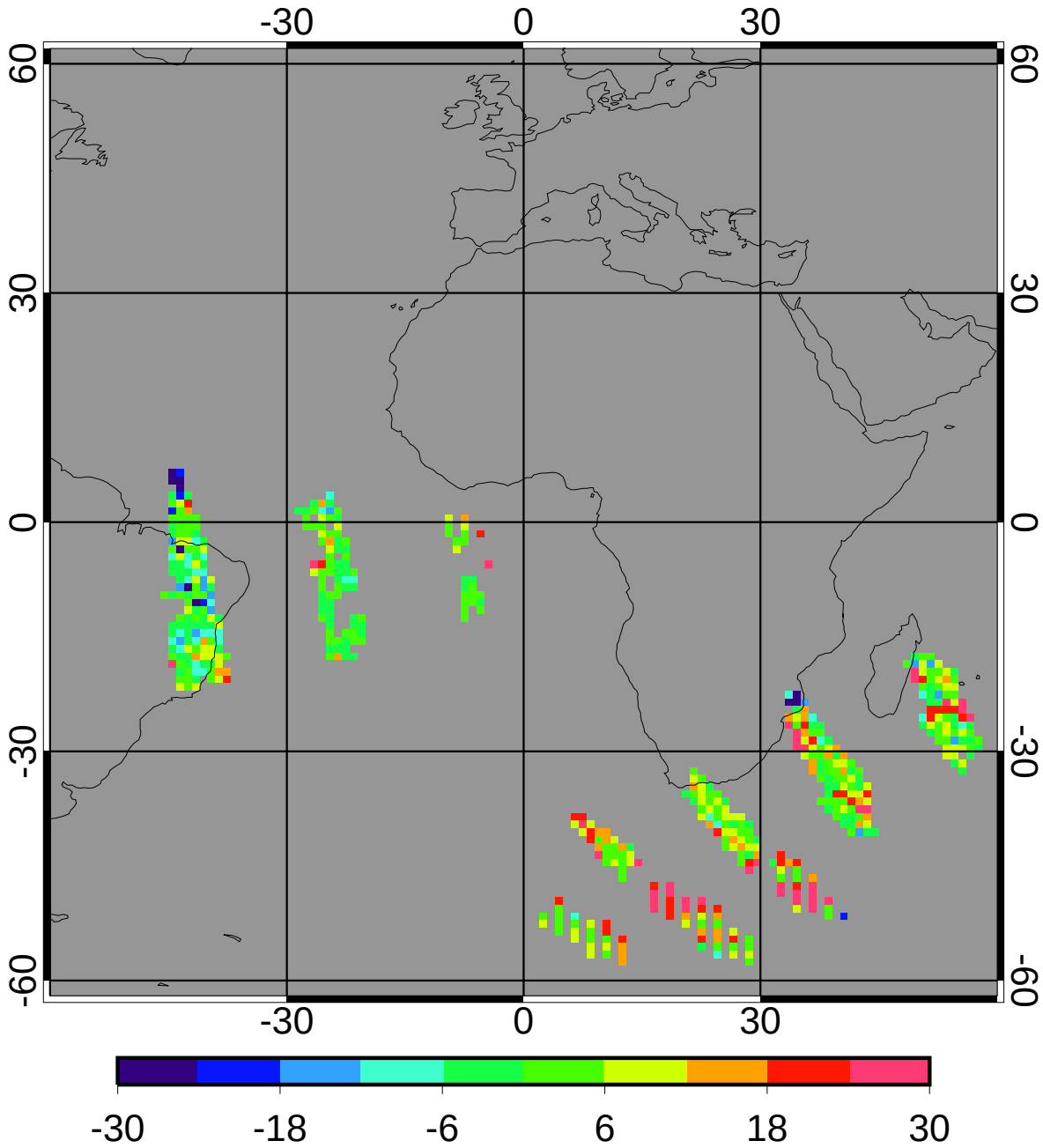
5ch Jan 2010 (matched angle) (lapse rate)



31.02

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

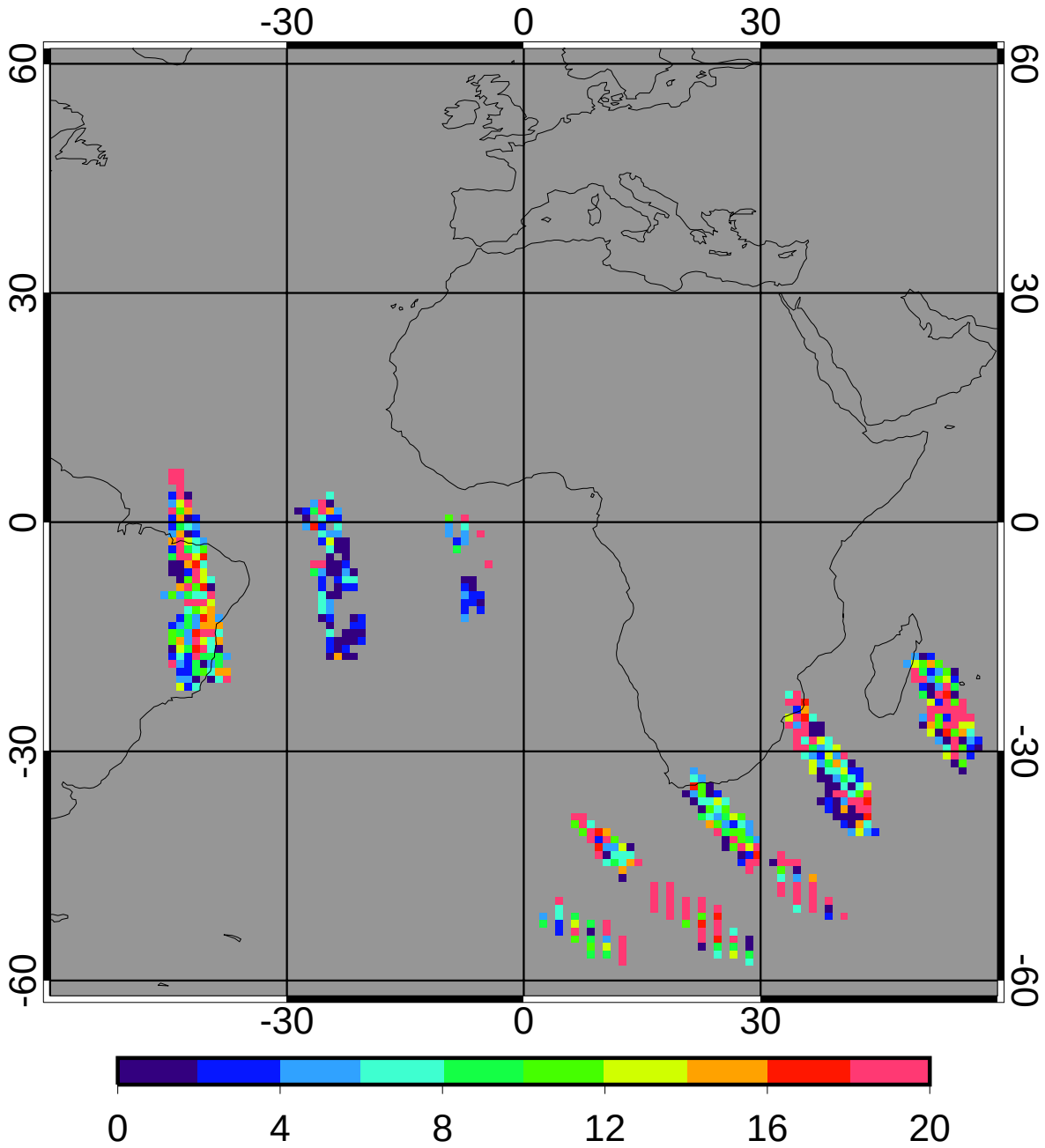
5ch Jan 2010 (matched angle) (lapse rate)



bias	4.70	15.14%
domain sigma	12.05	38.84%

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

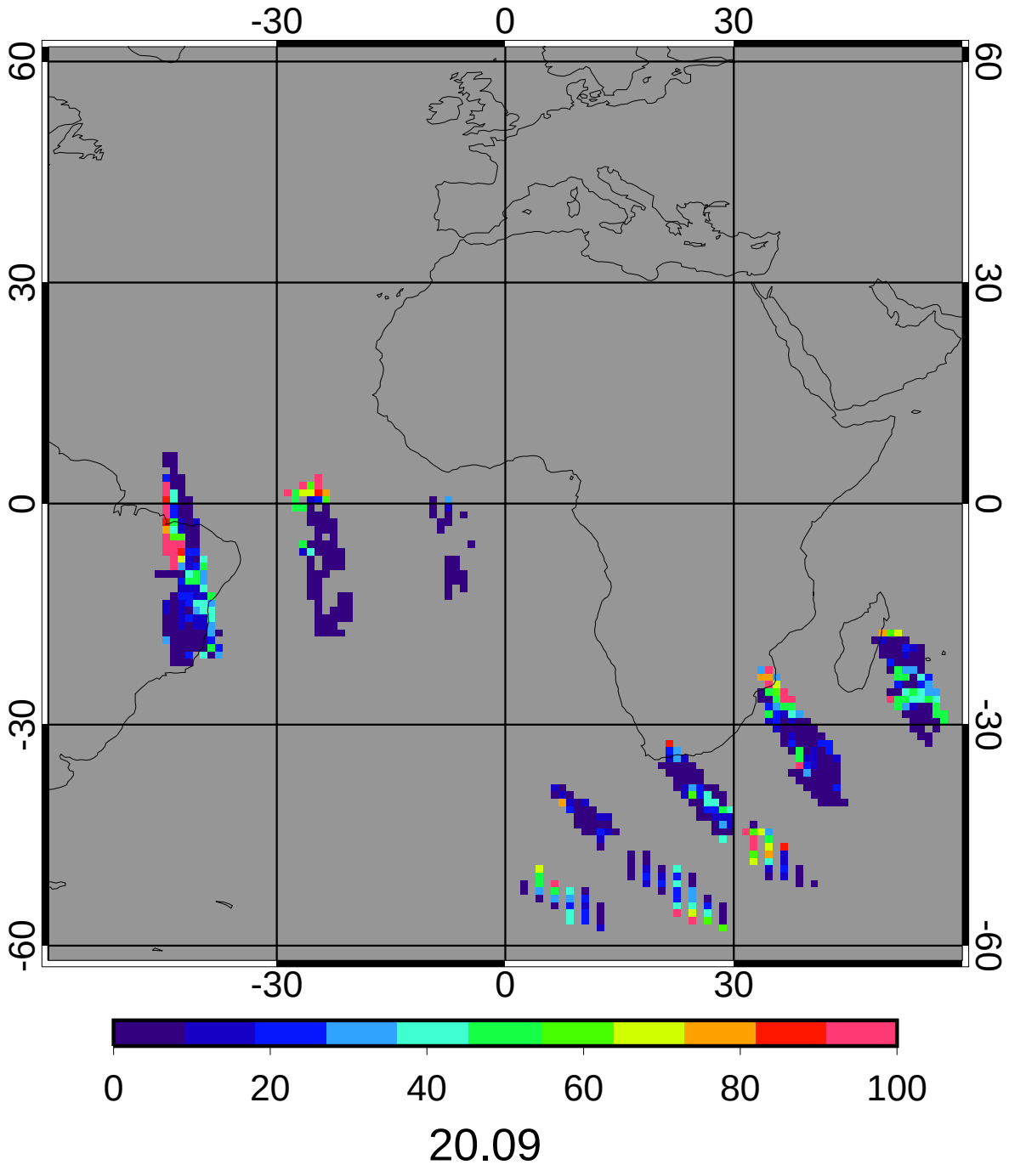
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	11.64	37.52%
domain rms	15.91	51.29%

GGEO MEAN Daytime Ice Cld Amt (%)

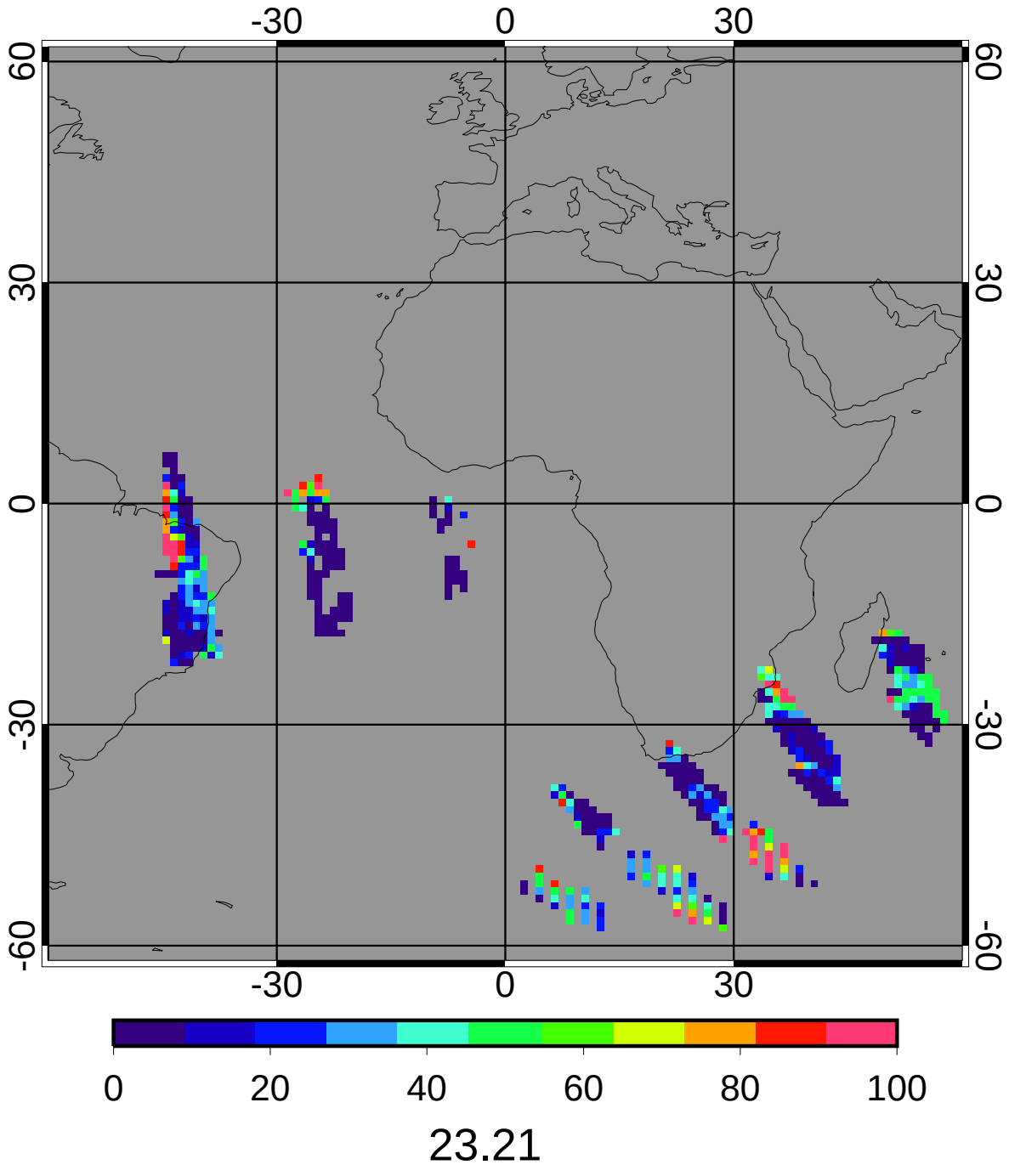
5ch Jan 2010 (matched angle) (lapse rate)



20.09

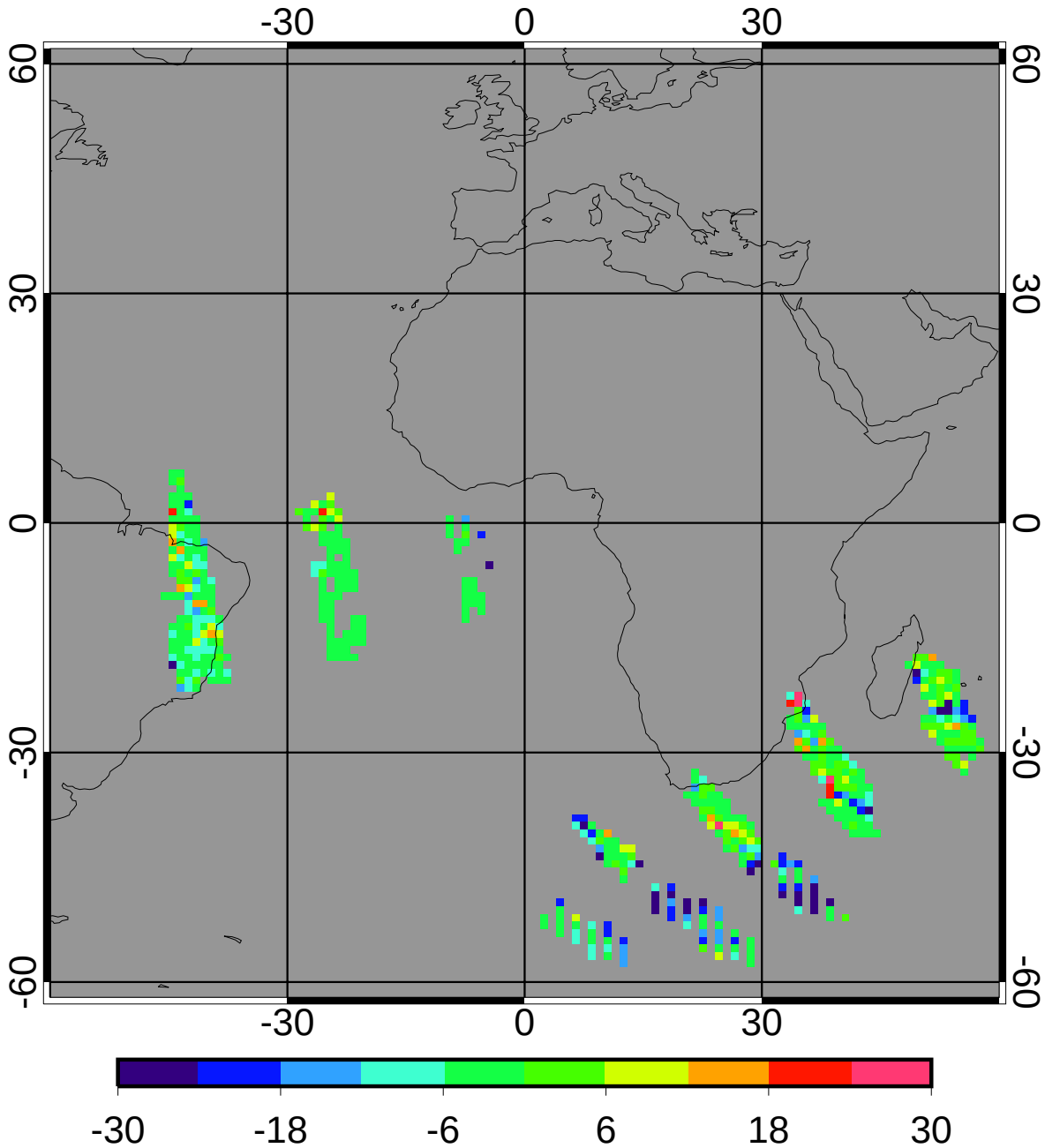
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

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



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

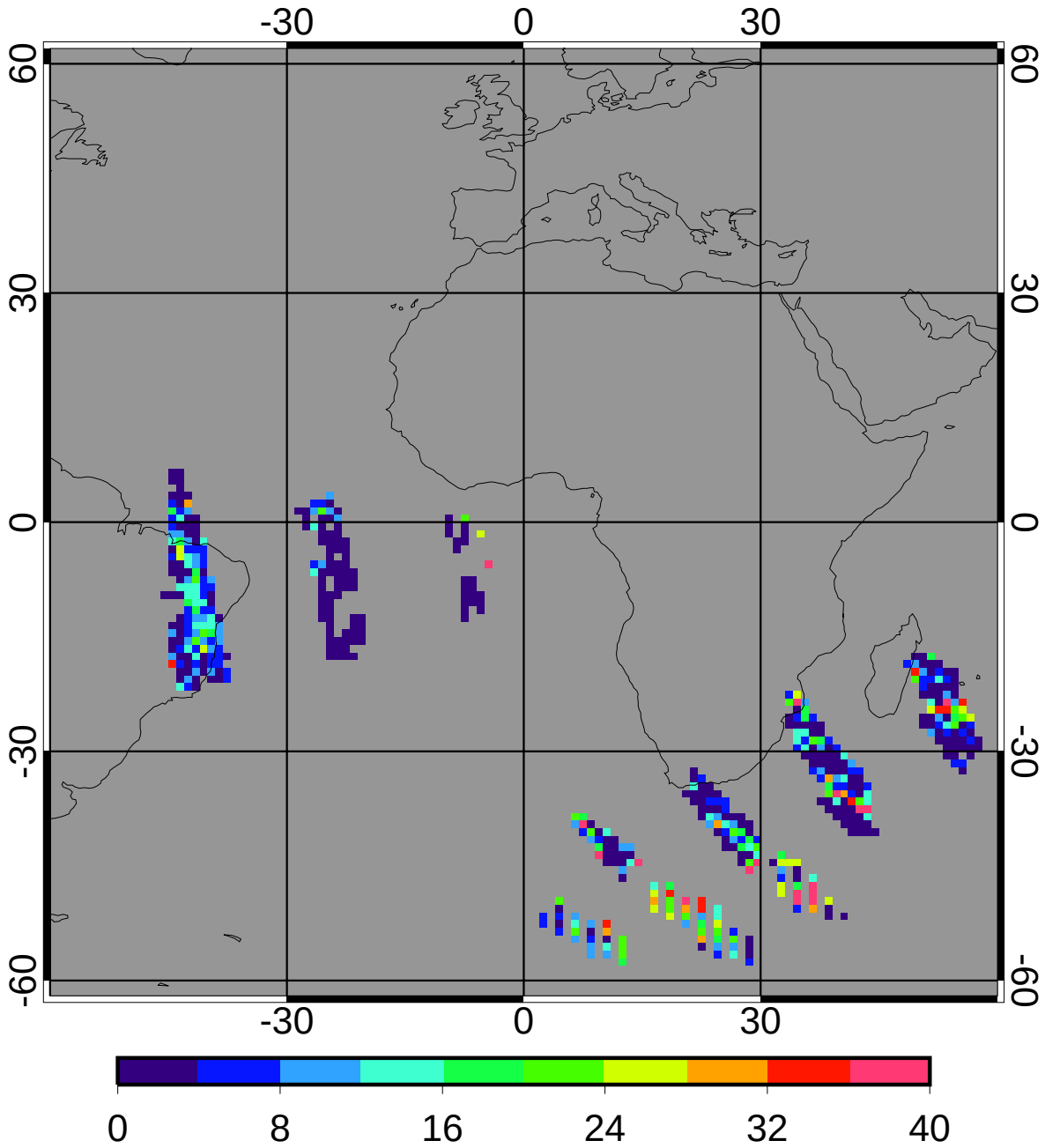
5ch Jan 2010 (matched angle) (lapse rate)



bias	-3.12	-13.46%
domain sigma	9.36	40.32%

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

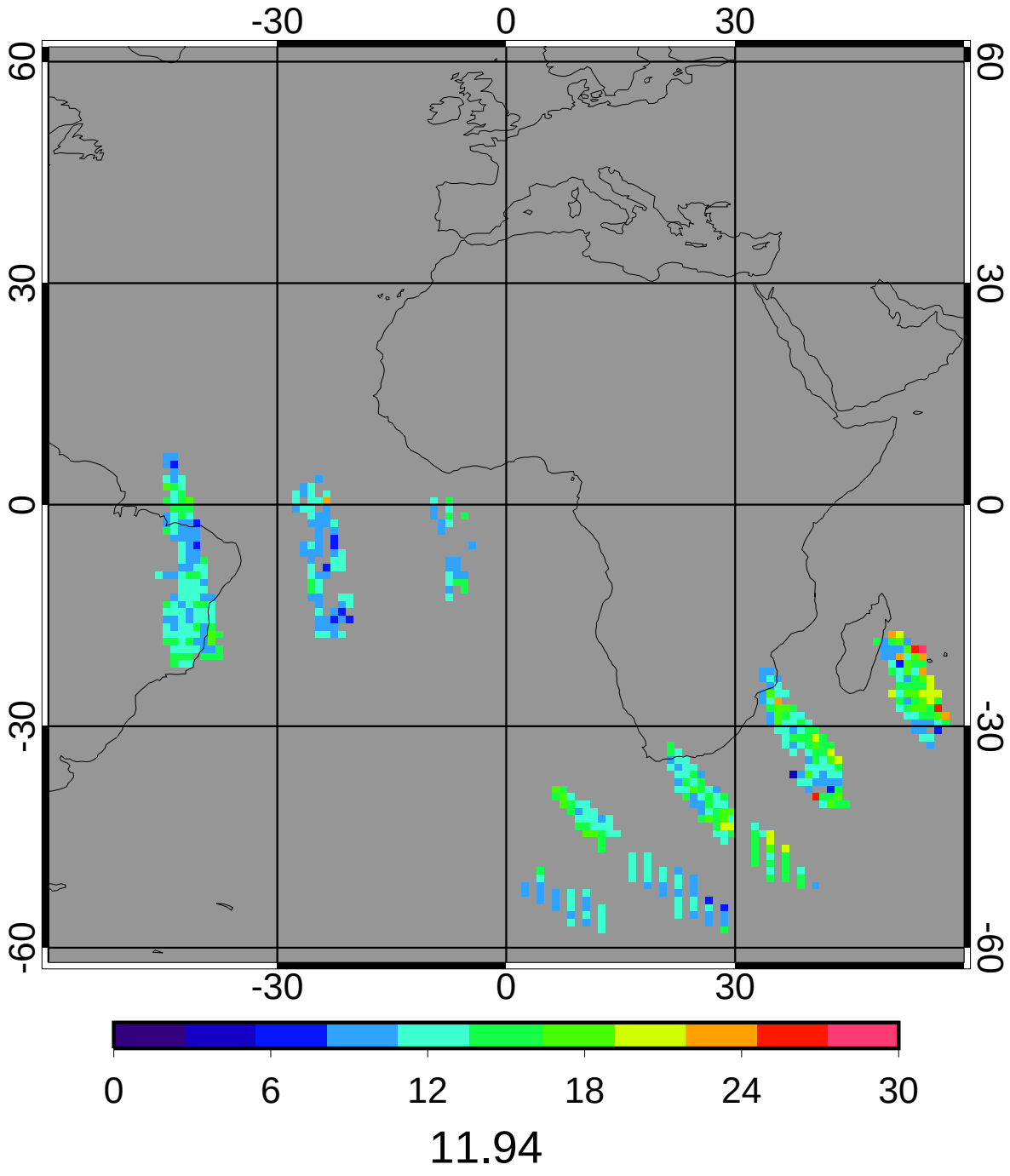
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	7.98	34.36%
domain rms	13.29	57.25%

GGEO MEAN Daytime Liquid Particle Size (microns)

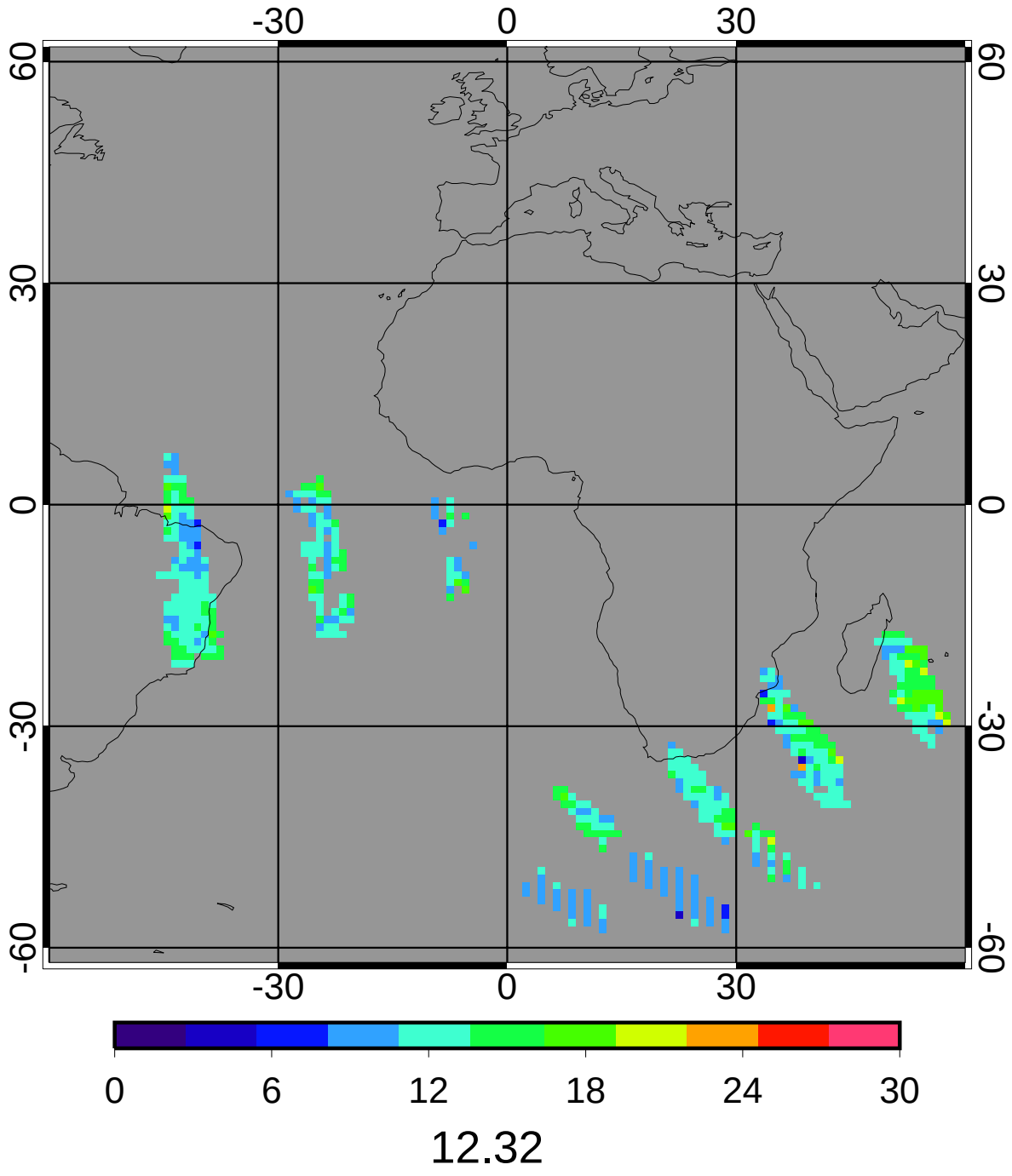
5ch Jan 2010 (matched angle) (lapse rate)



11.94

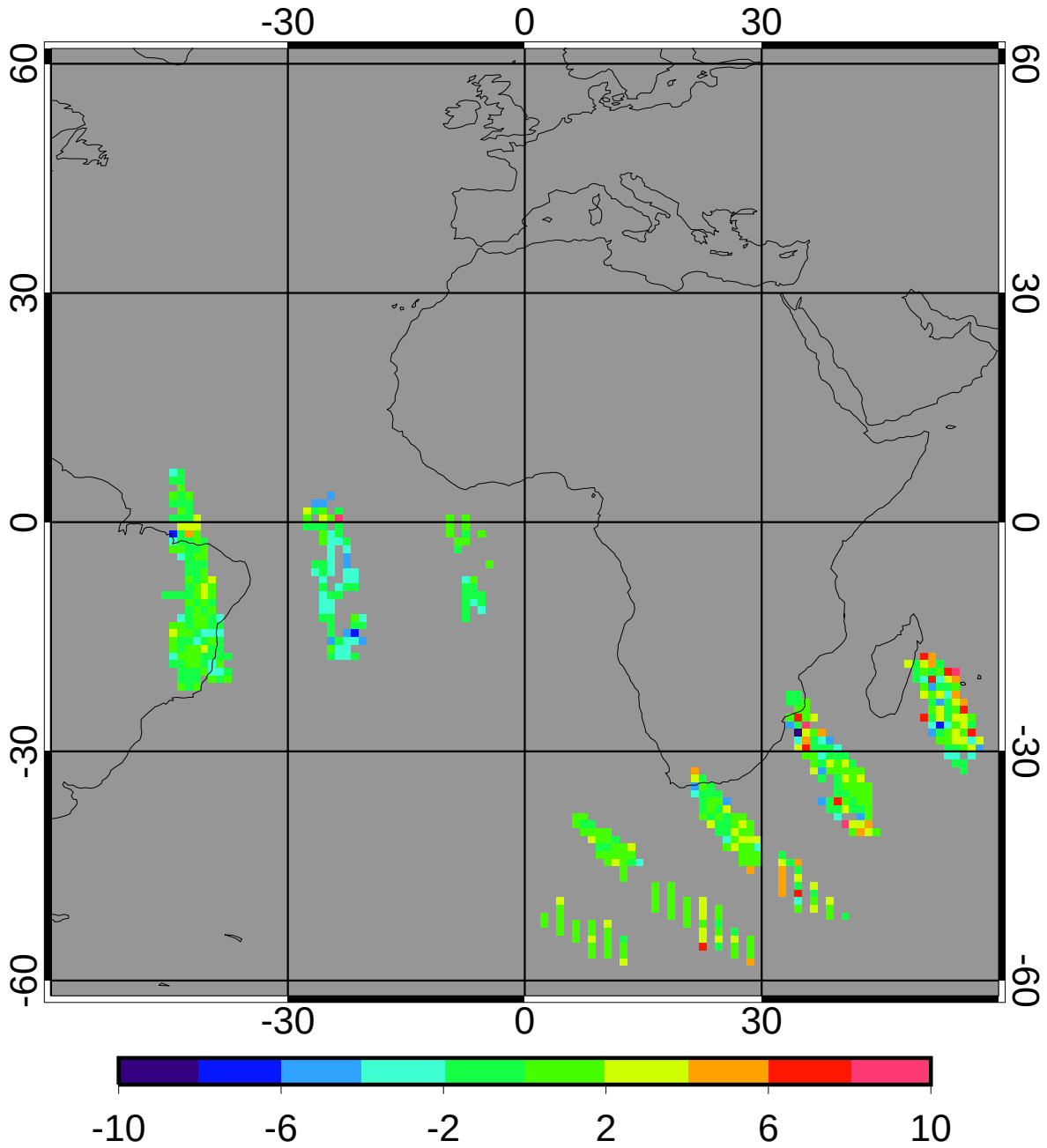
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

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



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

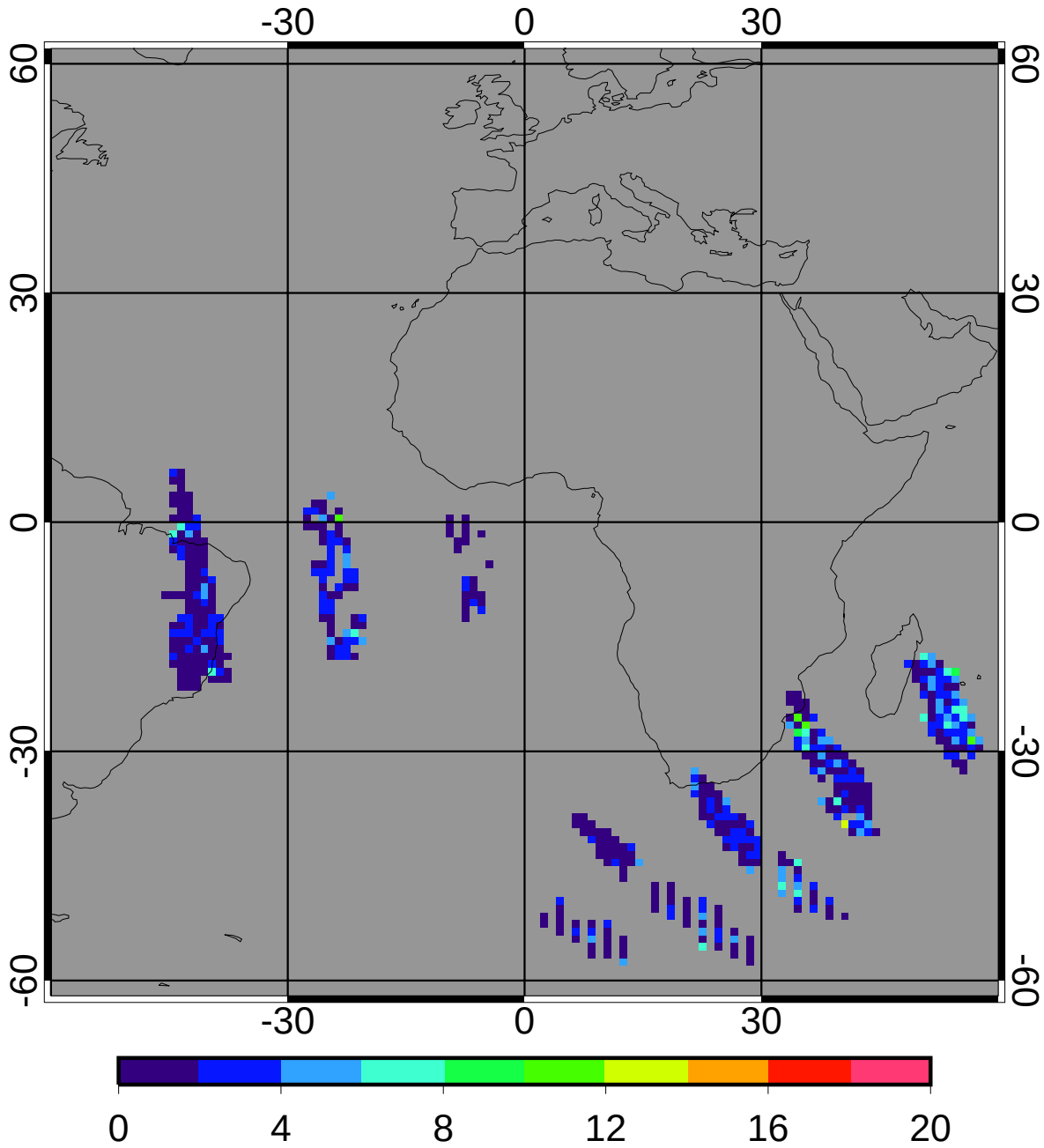
5ch Jan 2010 (matched angle) (lapse rate)



bias	0.10	0.82%
domain sigma	2.17	17.62%

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

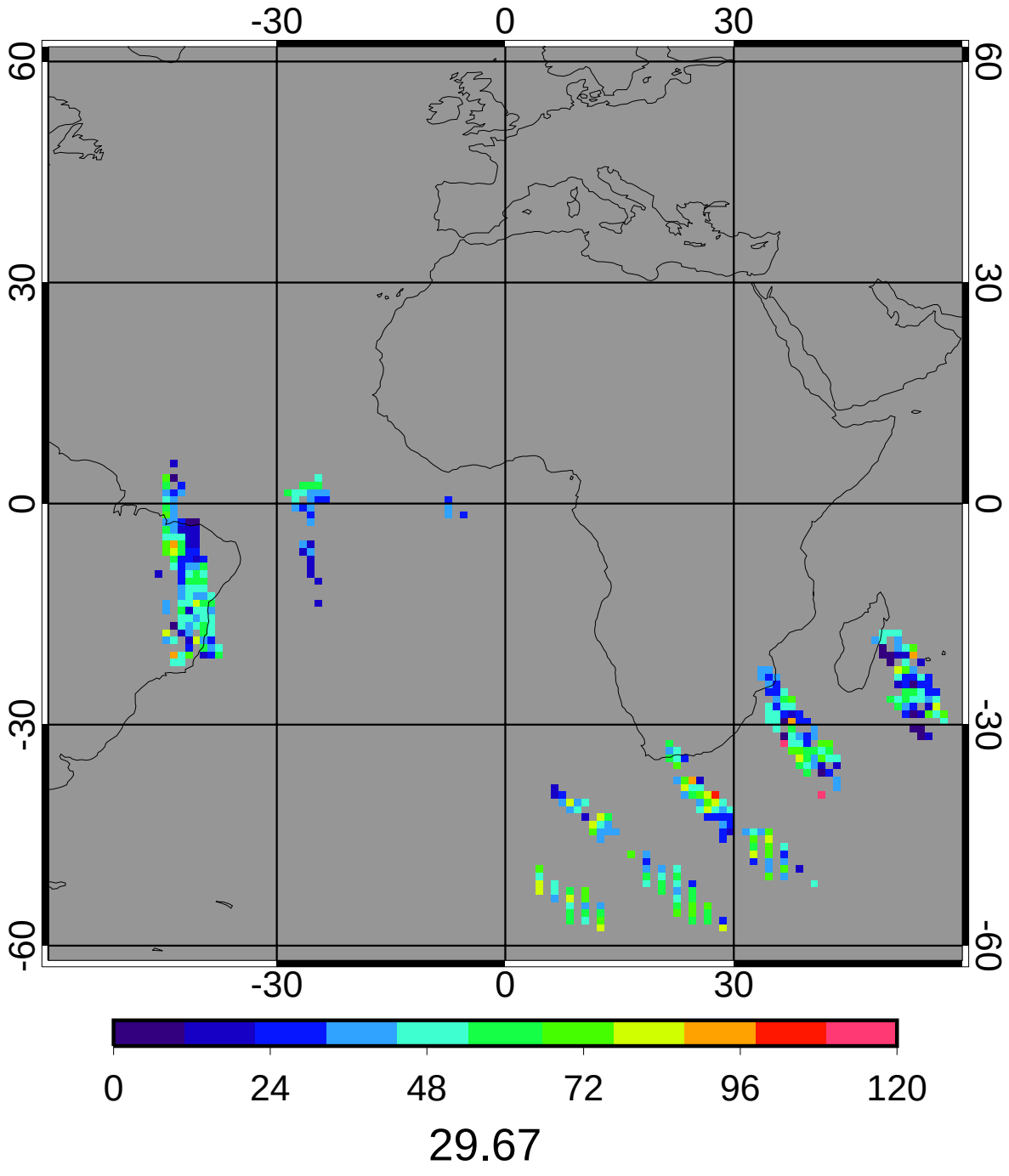
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	1.99	16.13%
domain rms	2.61	21.16%

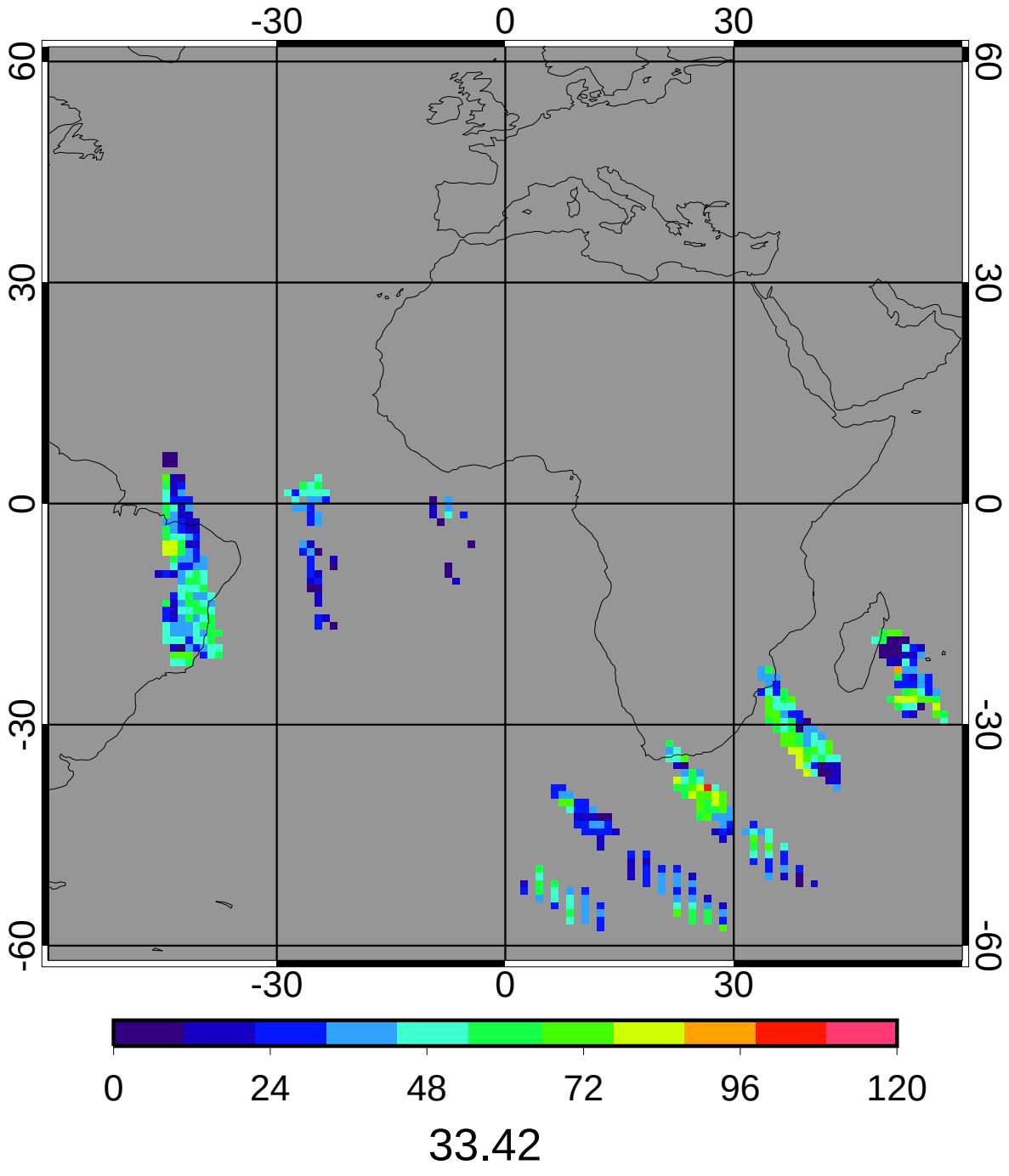
GGEO MEAN Daytime Ice Particle Size (microns)

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



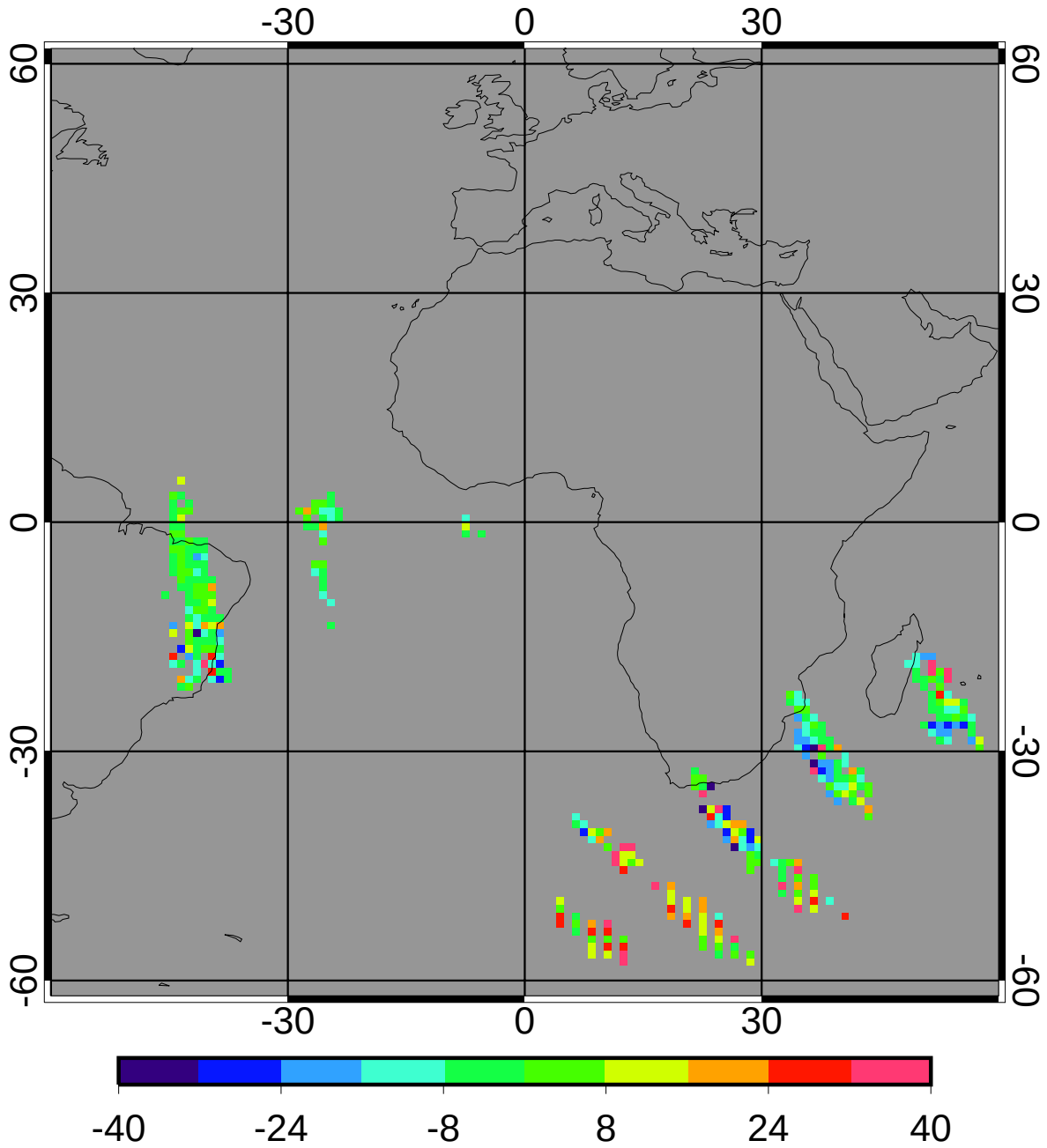
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

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



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

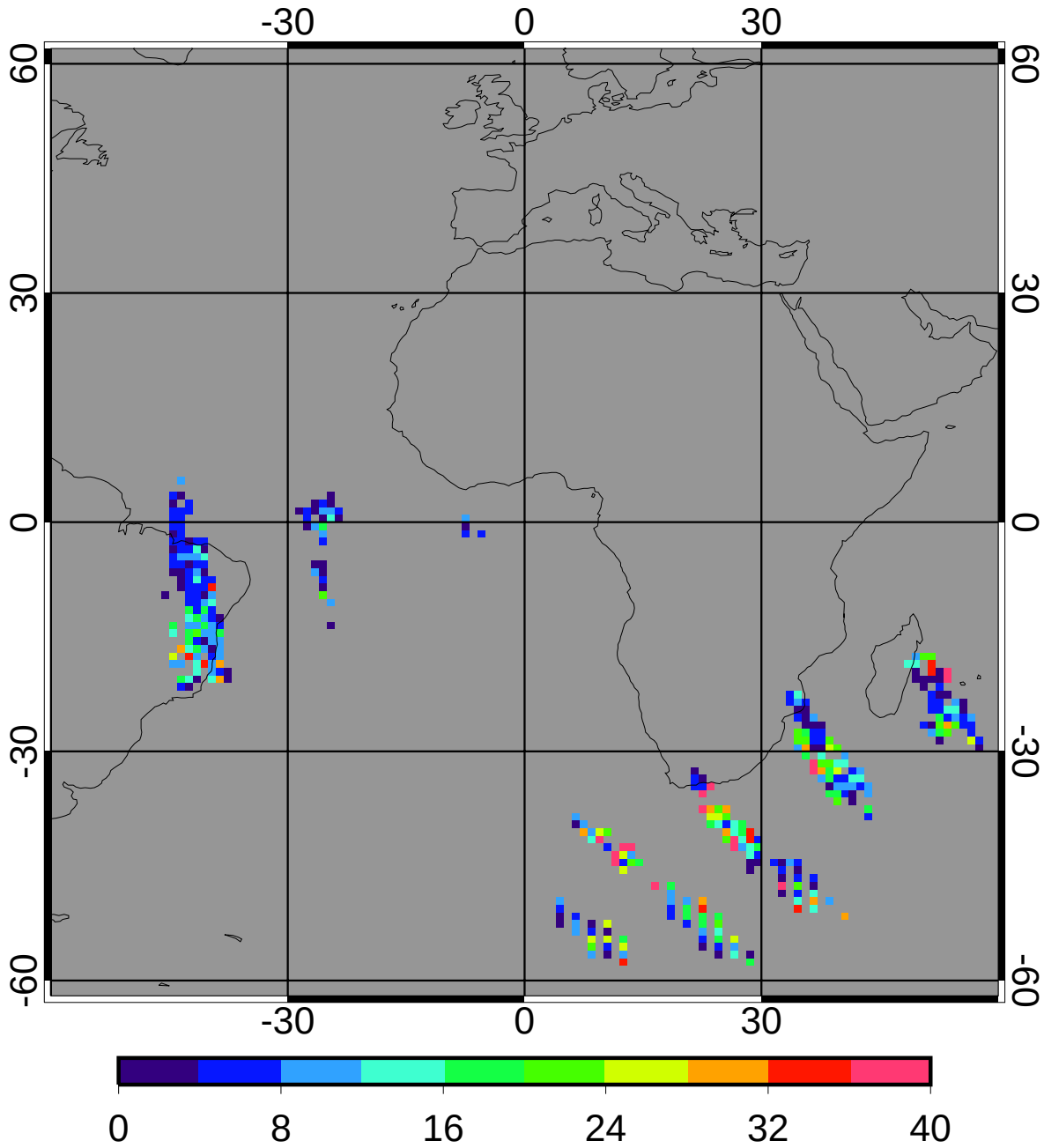
5ch Jan 2010 (matched angle) (lapse rate)



bias	0.06	0.19%
domain sigma	13.93	41.69%

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

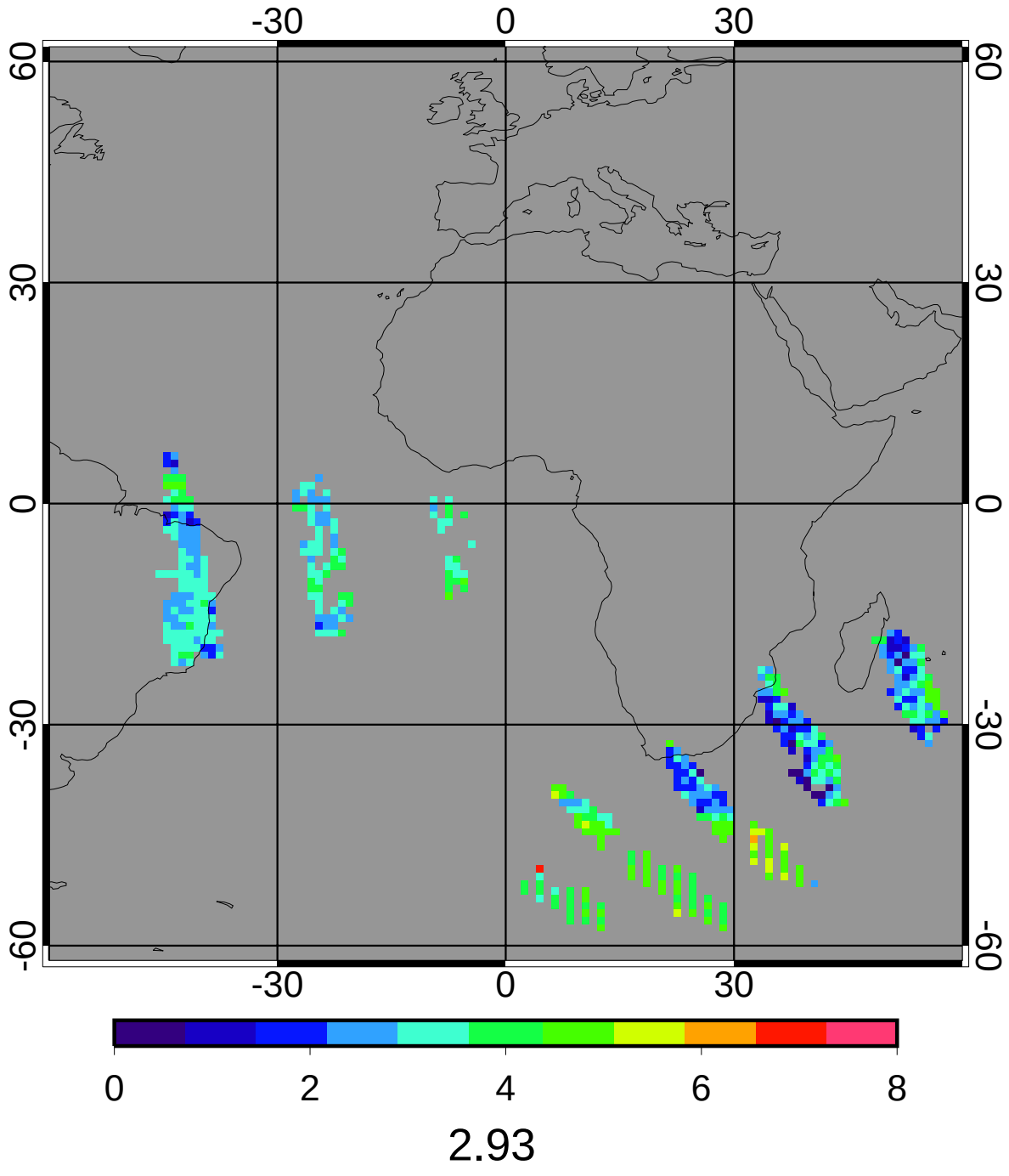
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	8.02	24.00%
domain rms	15.59	46.65%

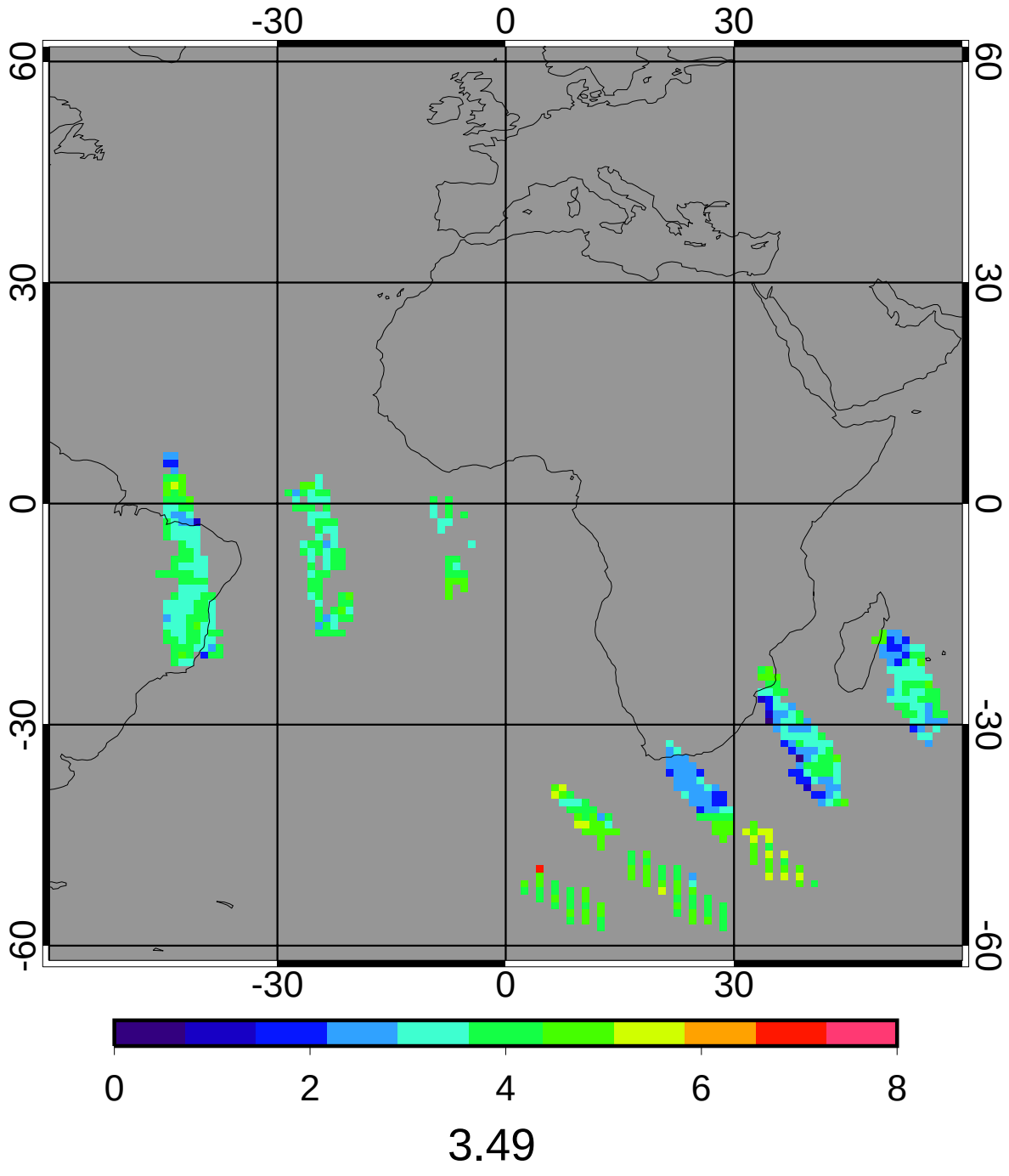
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

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



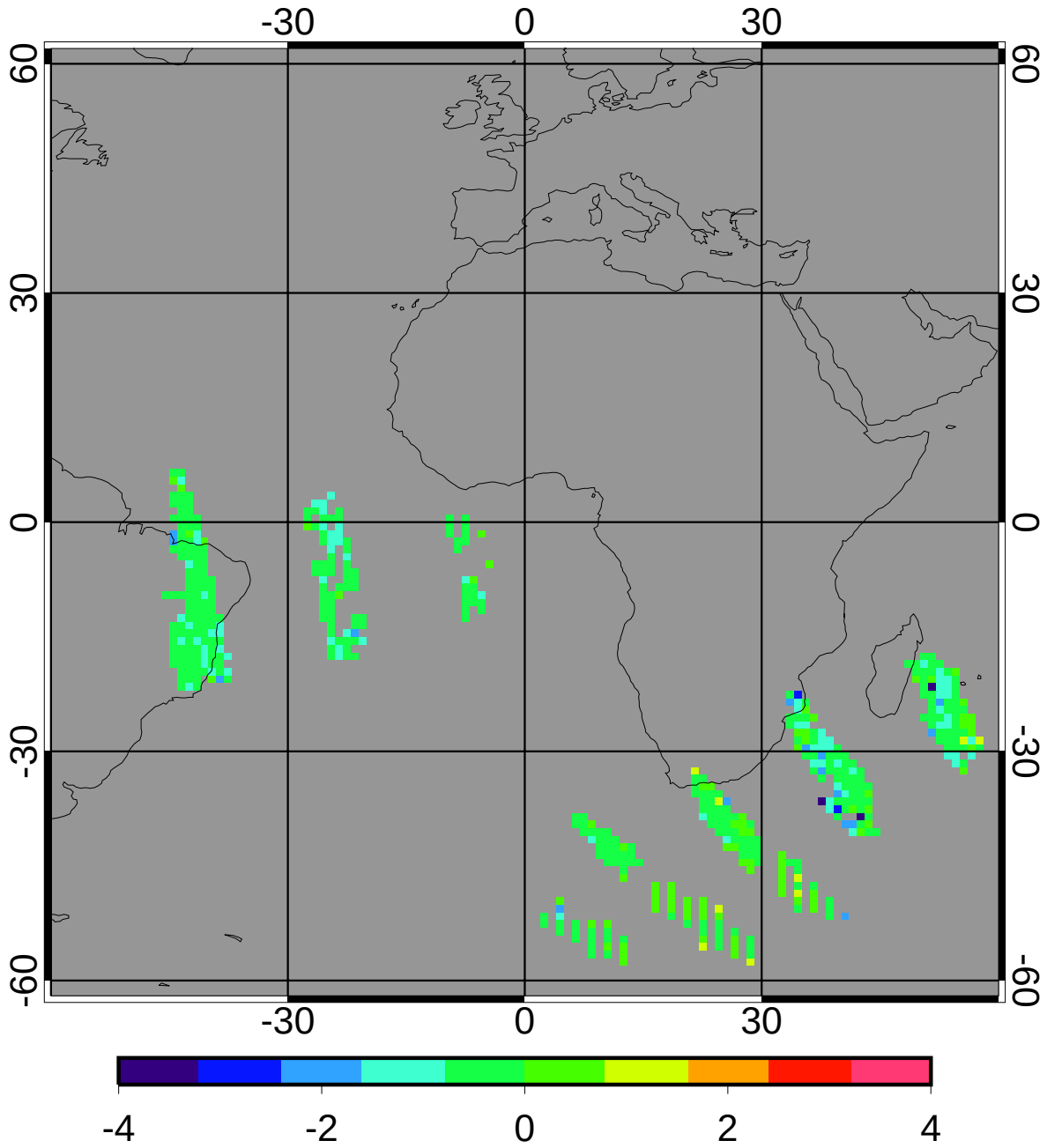
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

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



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

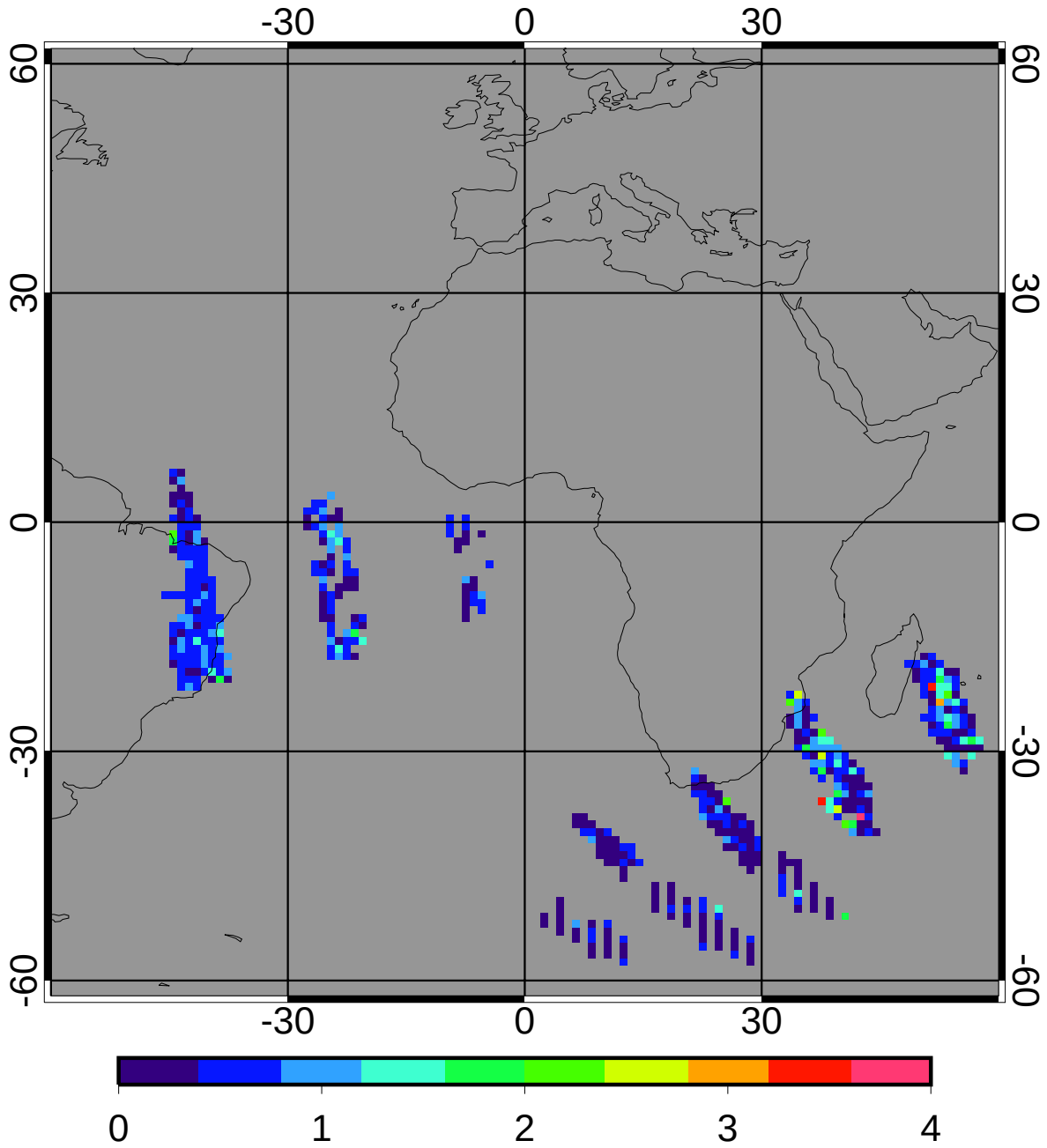
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.43	-12.40%
domain sigma	0.51	14.72%

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

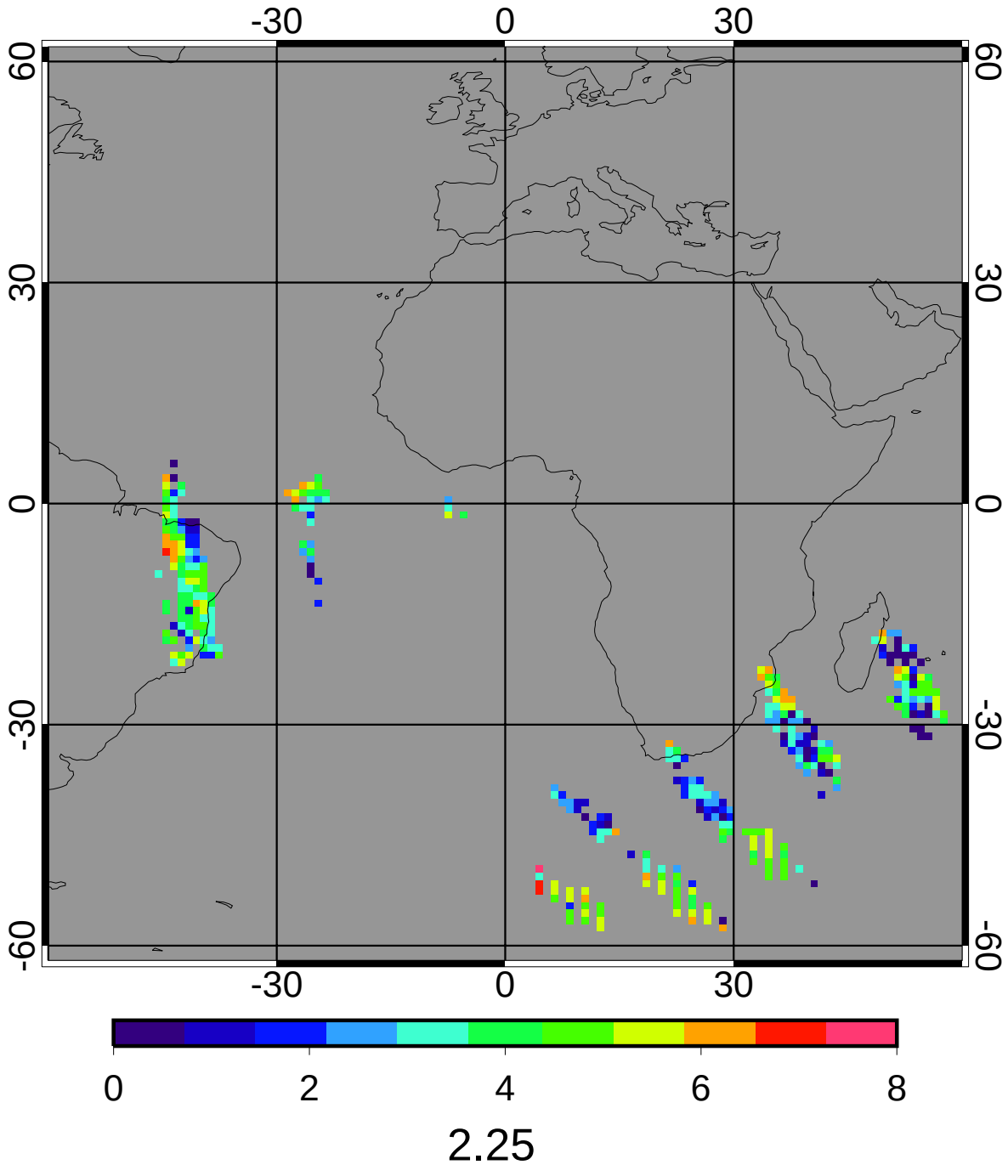
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	0.56	16.10%
domain rms	0.70	20.00%

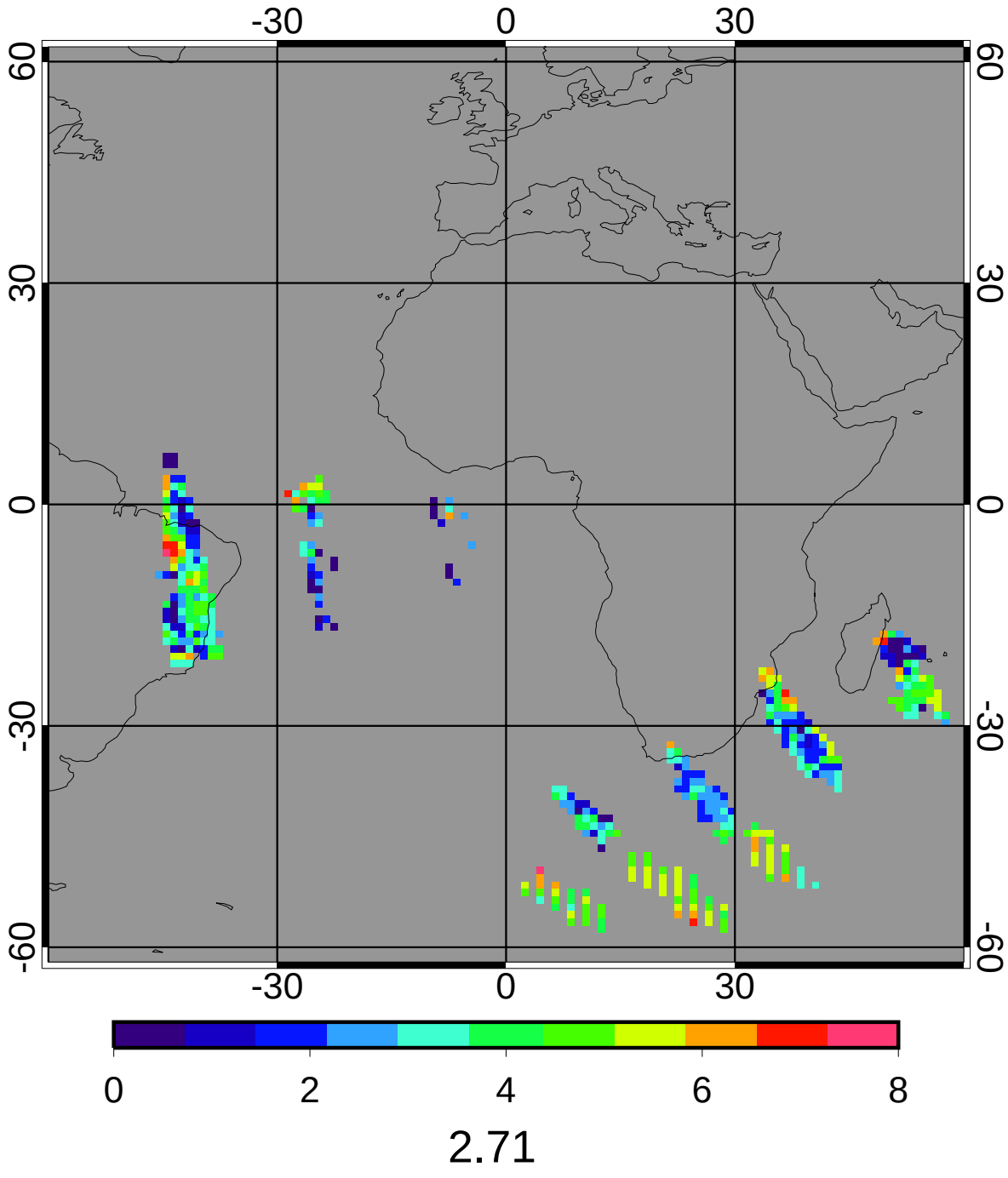
GGEO MEAN Daytime Log Ice Water Path (g/m2)

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



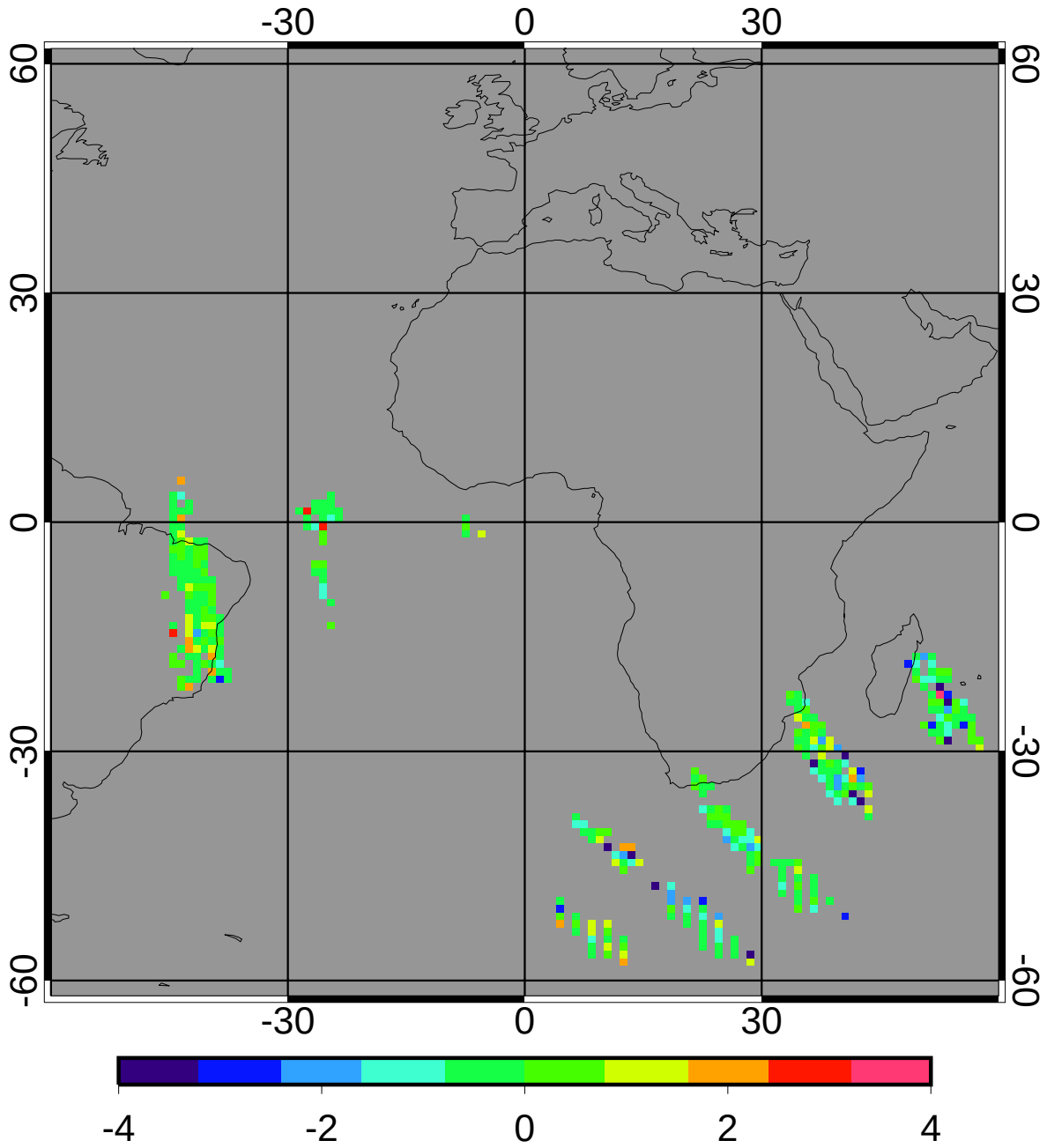
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

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



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

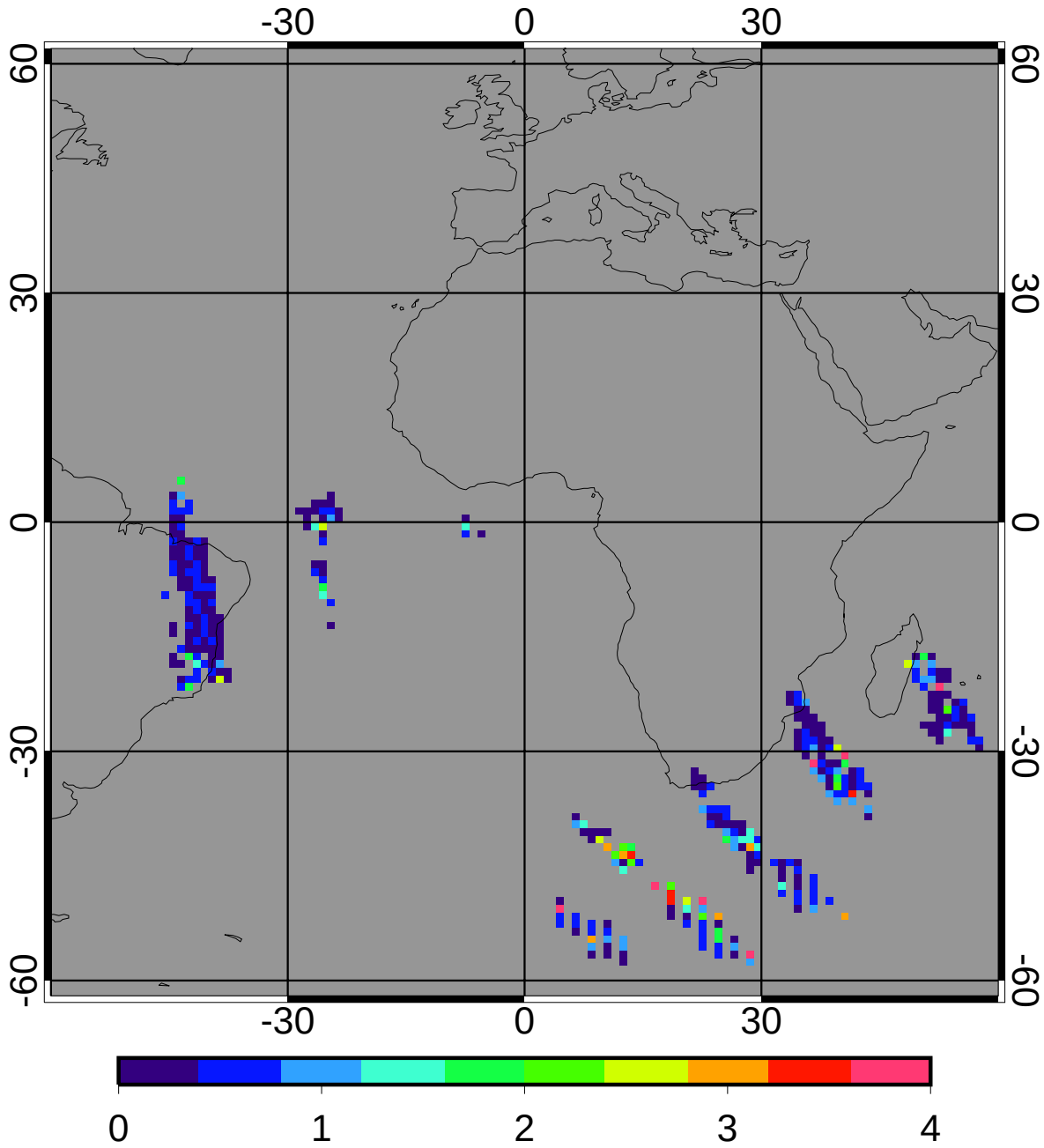
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.16	-5.90%
domain sigma	0.92	34.13%

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

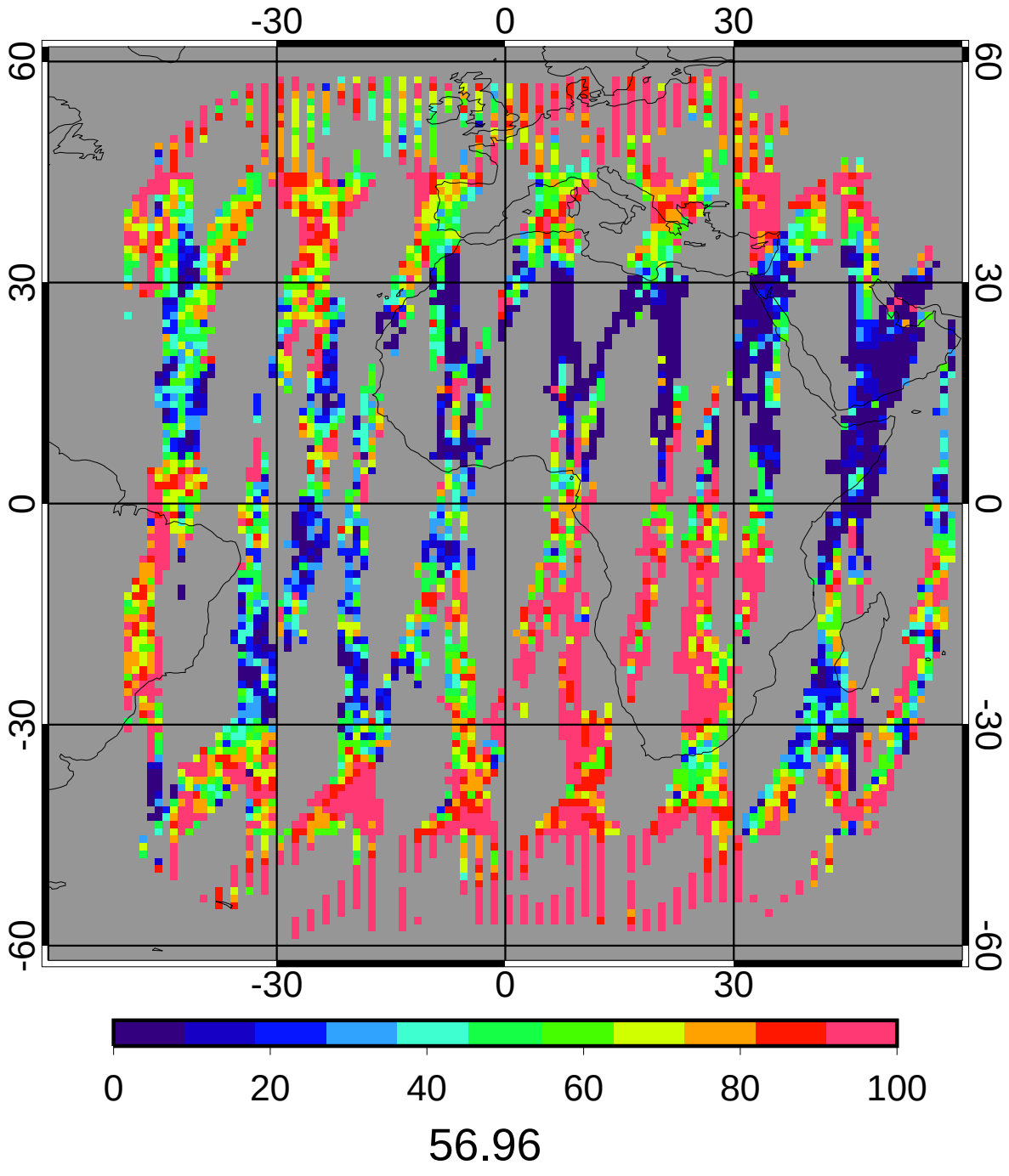
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	0.41	15.26%
domain rms	0.95	35.12%

GGEO MEAN Nighttime Cloud Amount (%)

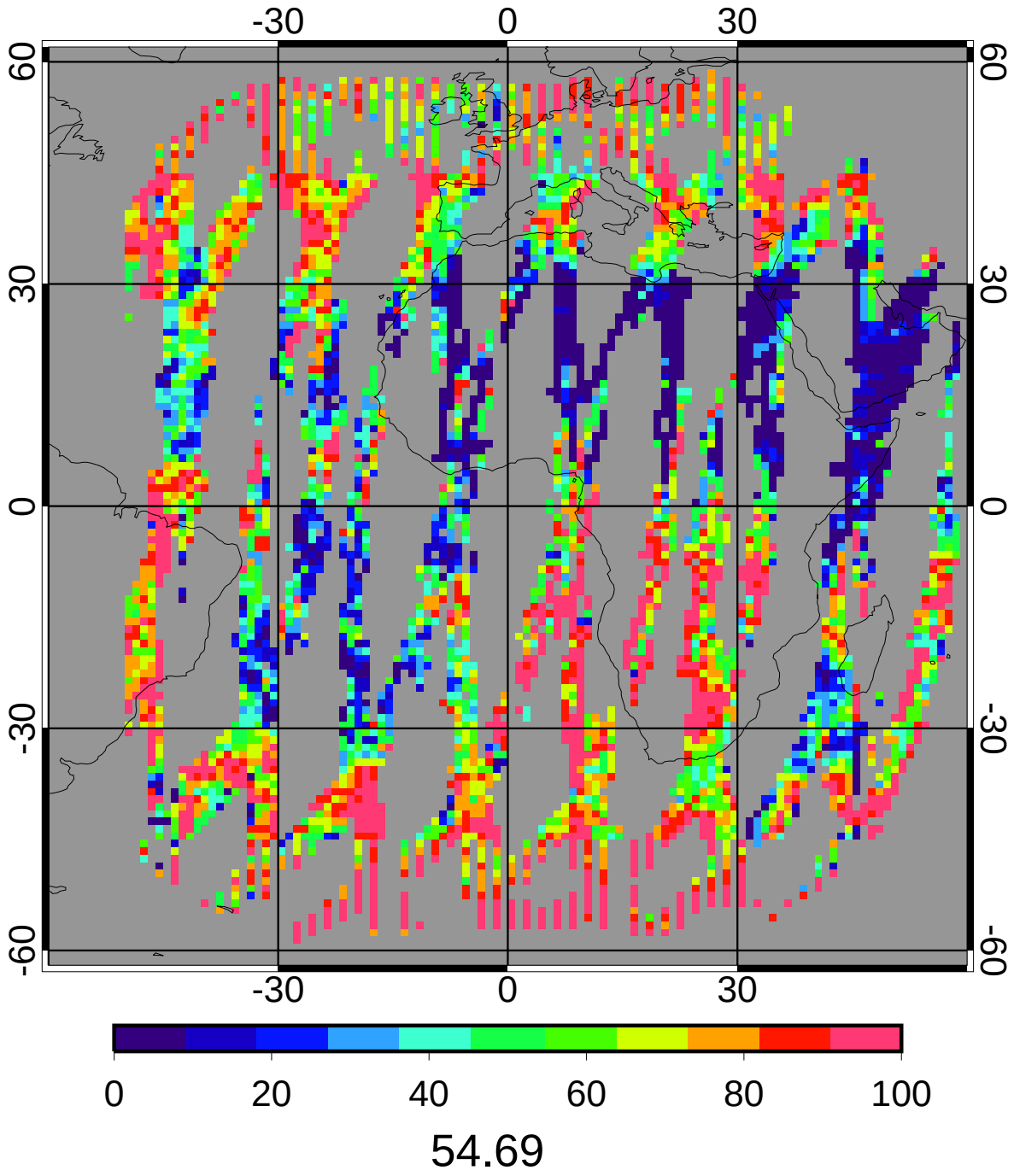
5ch Jan 2010 (matched angle) (lapse rate)



56.96

CERES/Aqua MEAN Nighttime Cloud Amount (%)

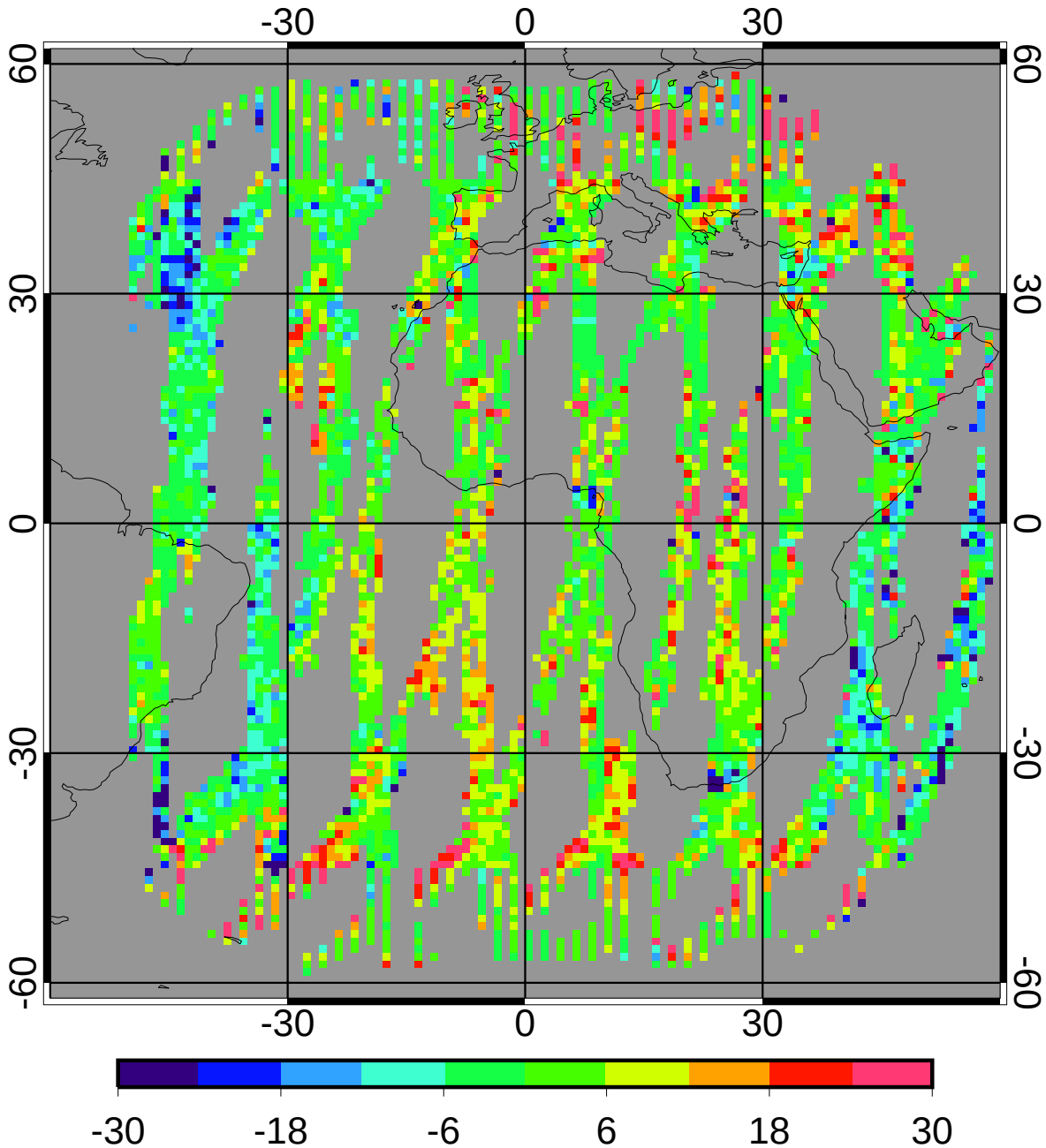
5ch Jan 2010 (matched angle) (lapse rate)



54.69

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

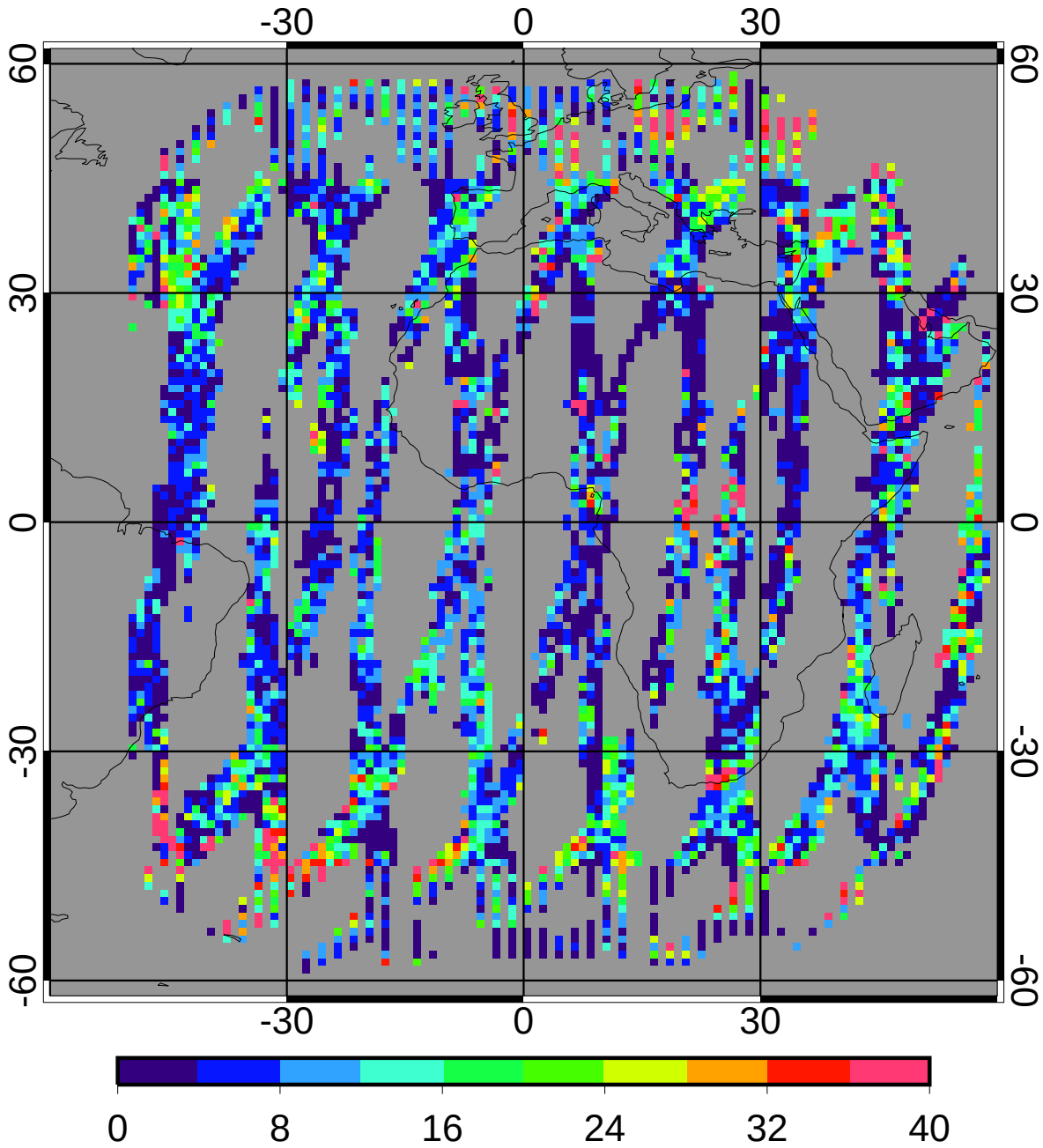
5ch Jan 2010 (matched angle) (lapse rate)



bias	2.27	4.15%
domain sigma	10.42	19.05%

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

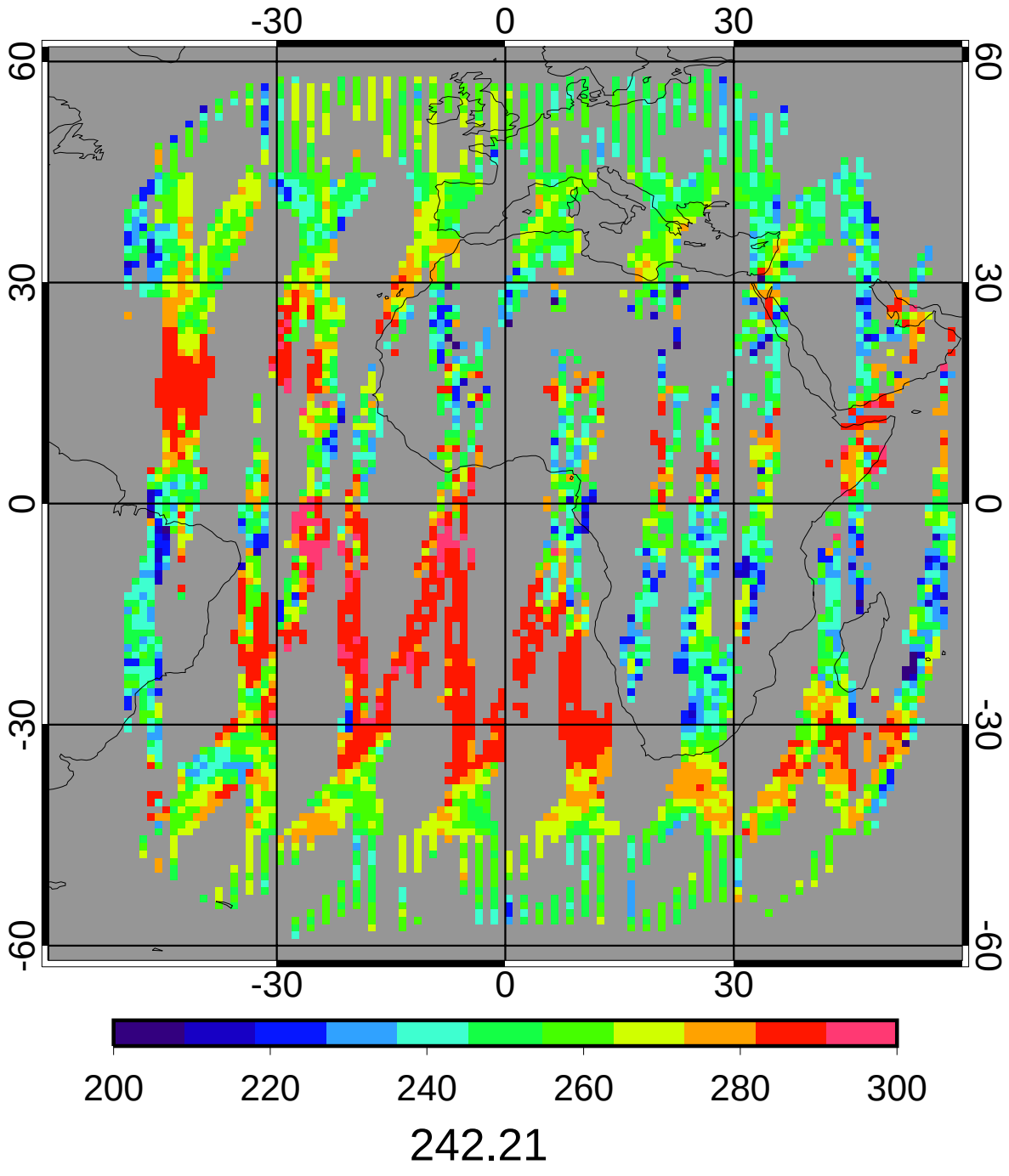
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	10.25	18.74%
domain rms	13.92	25.46%

GGEO MEAN Nighttime Cloud Temperature (K)

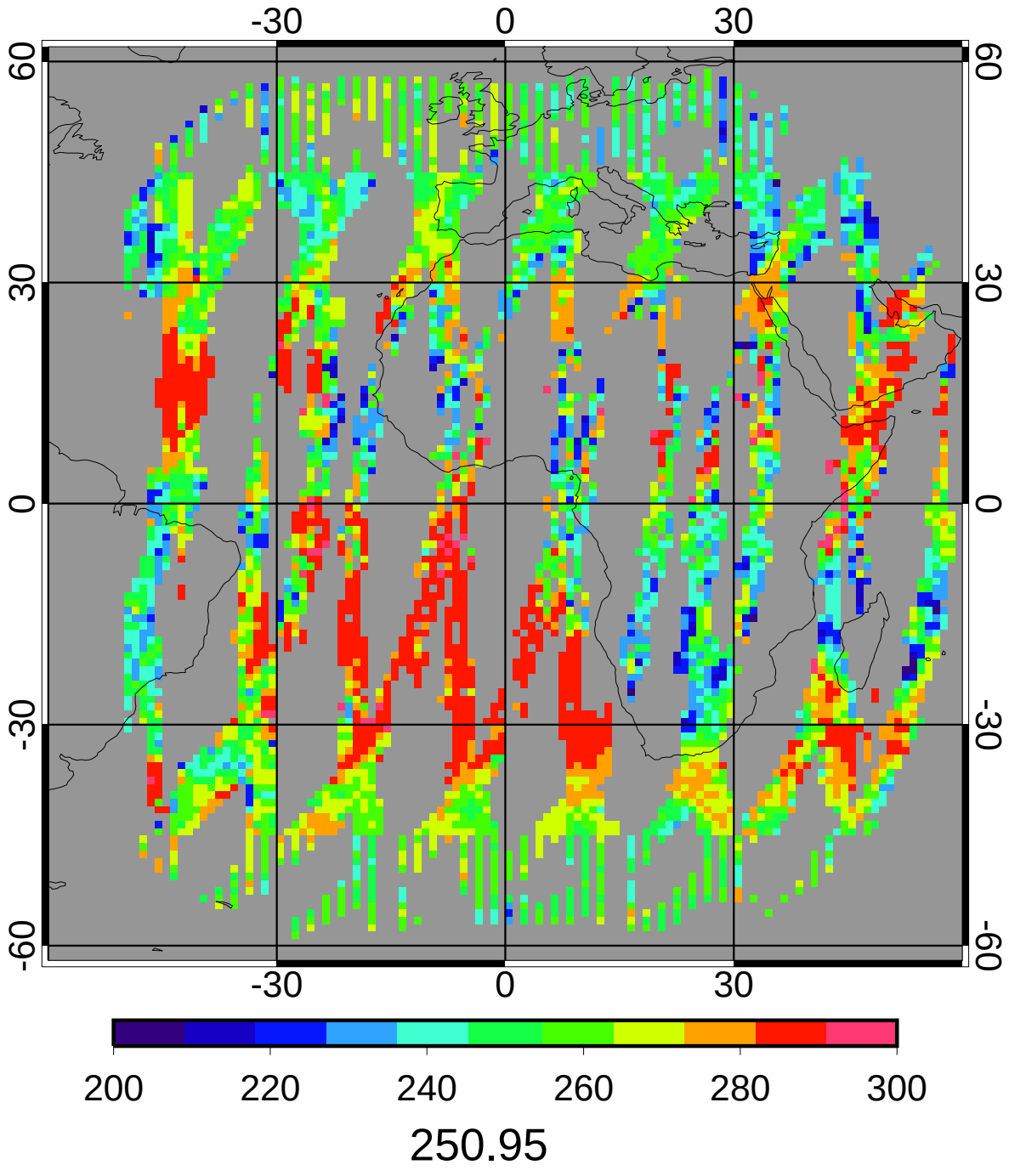
5ch Jan 2010 (matched angle) (lapse rate)



242.21

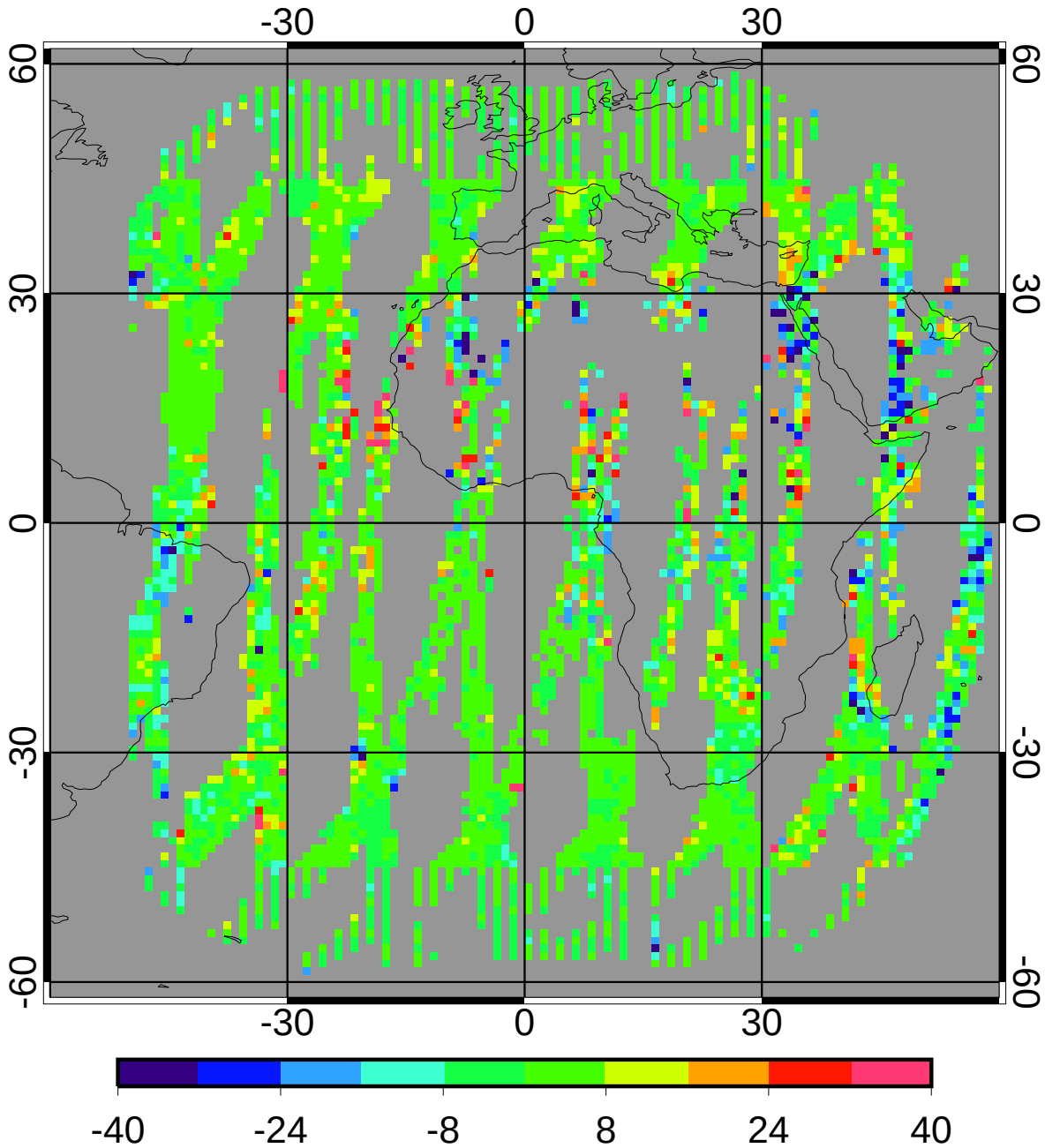
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

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



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

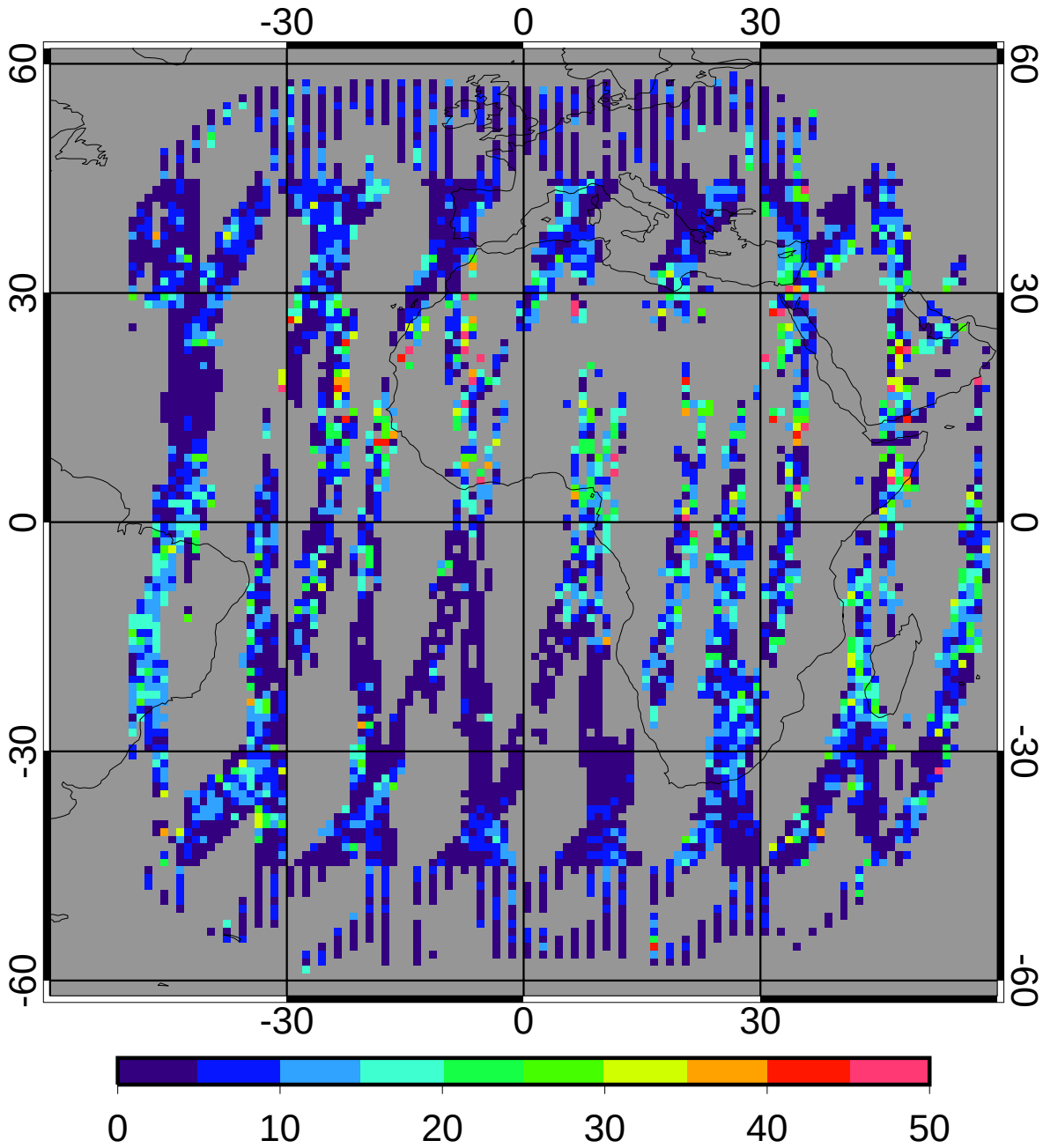
5ch Jan 2010 (matched angle) (lapse rate)



bias	0.88	0.35%
domain sigma	9.52	3.79%

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

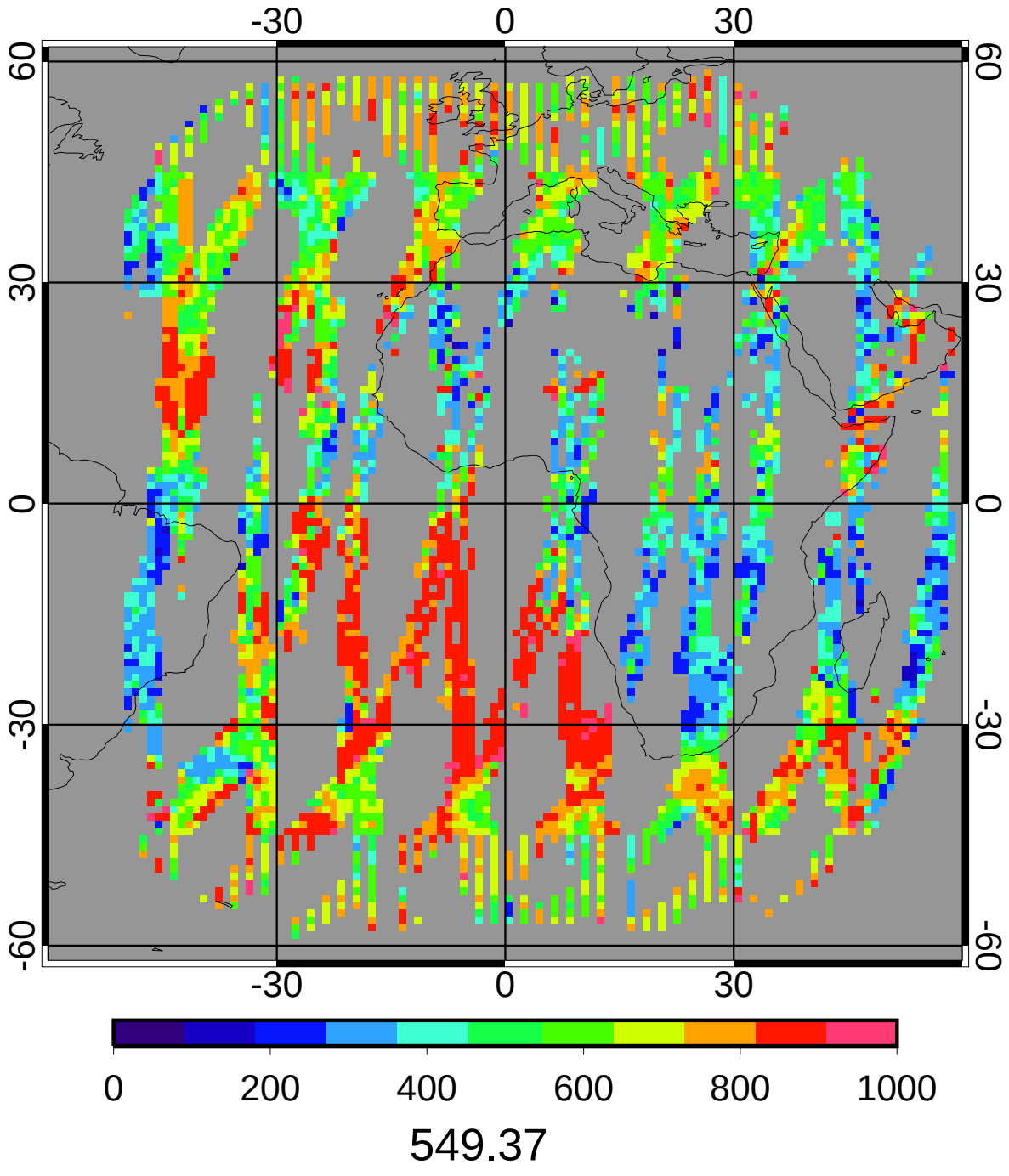
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	7.58	3.02%
domain rms	9.94	3.96%

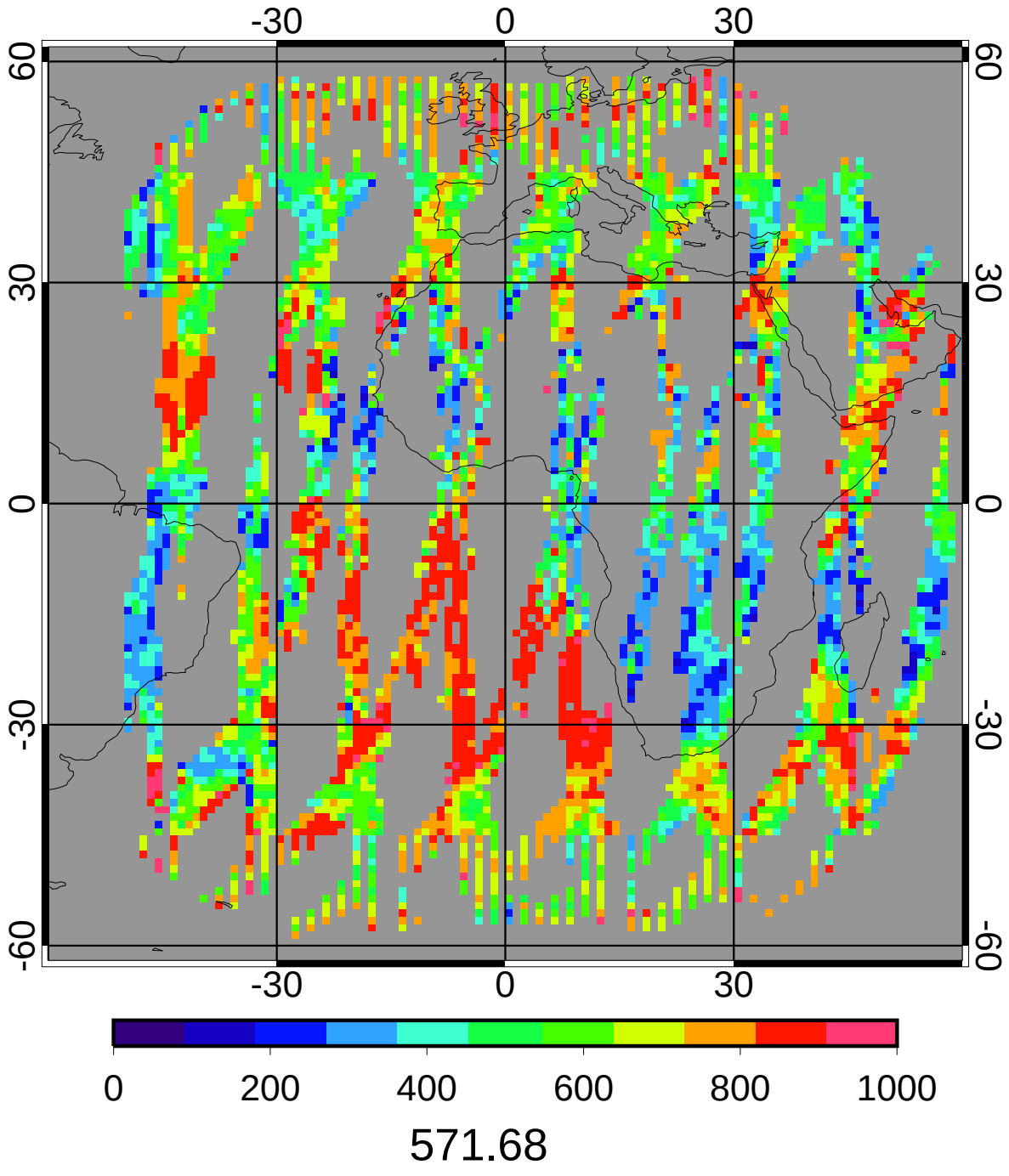
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

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



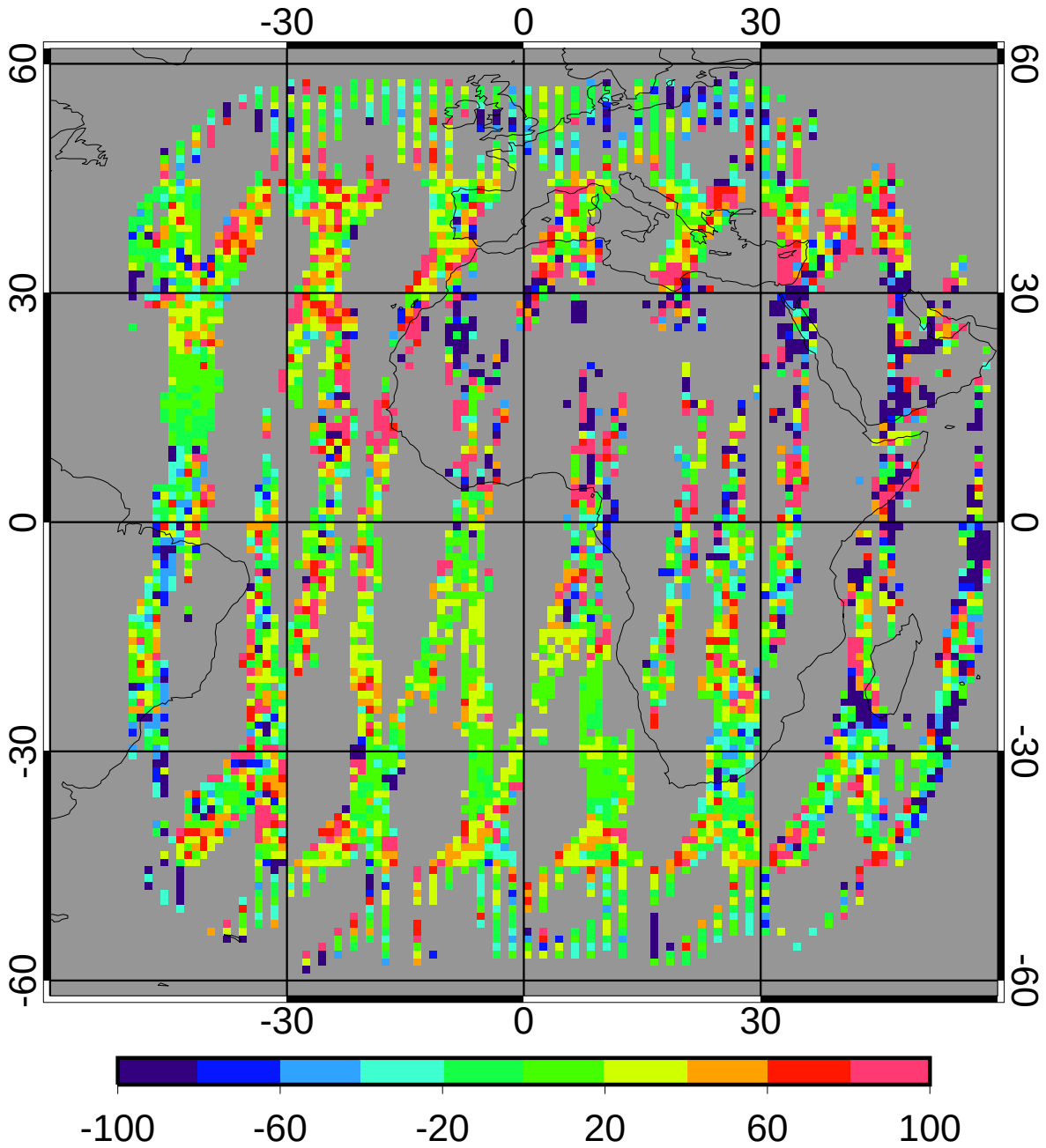
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

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



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

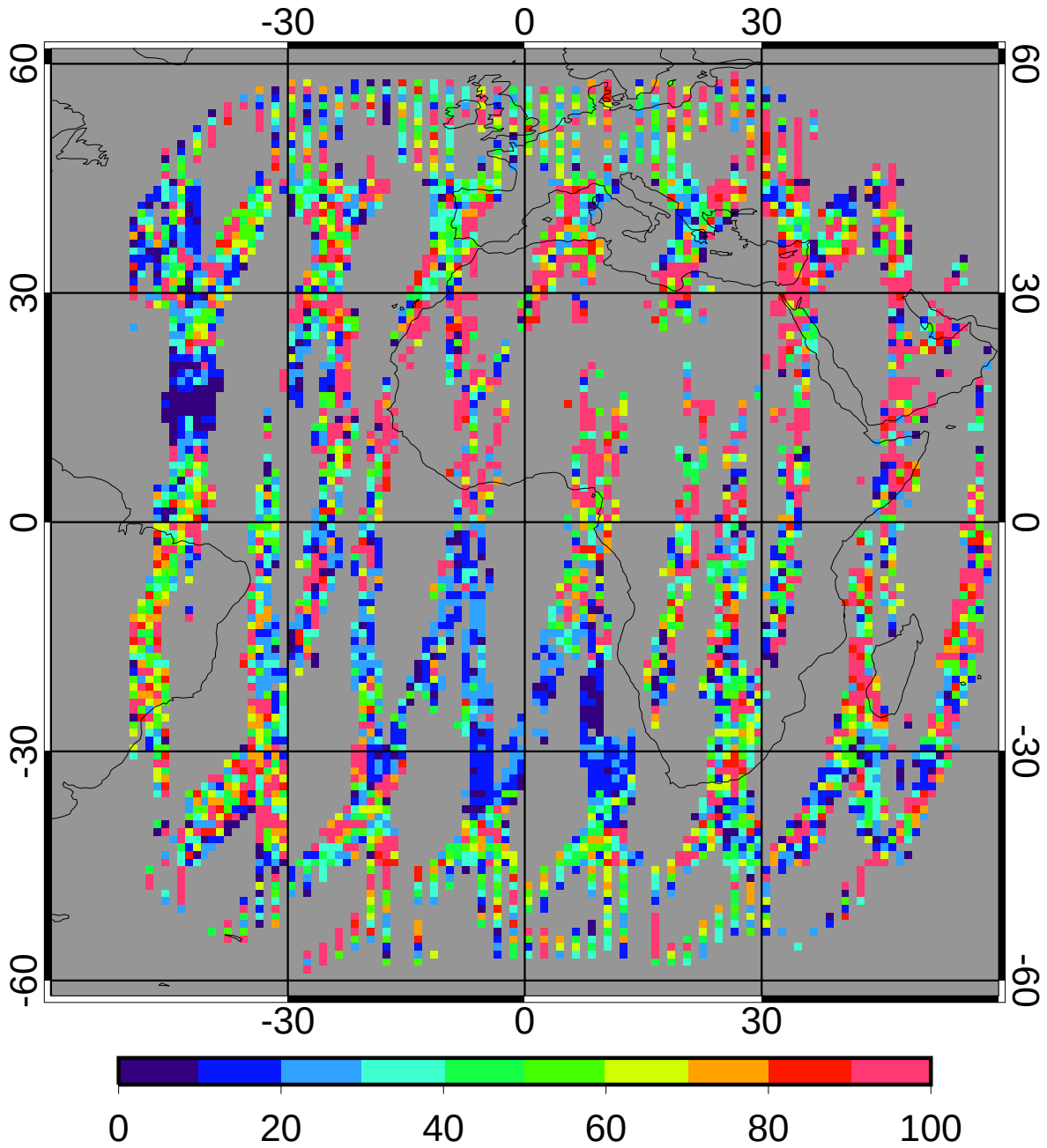
5ch Jan 2010 (matched angle) (lapse rate)



bias	4.86	0.85%
domain sigma	86.79	15.18%

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

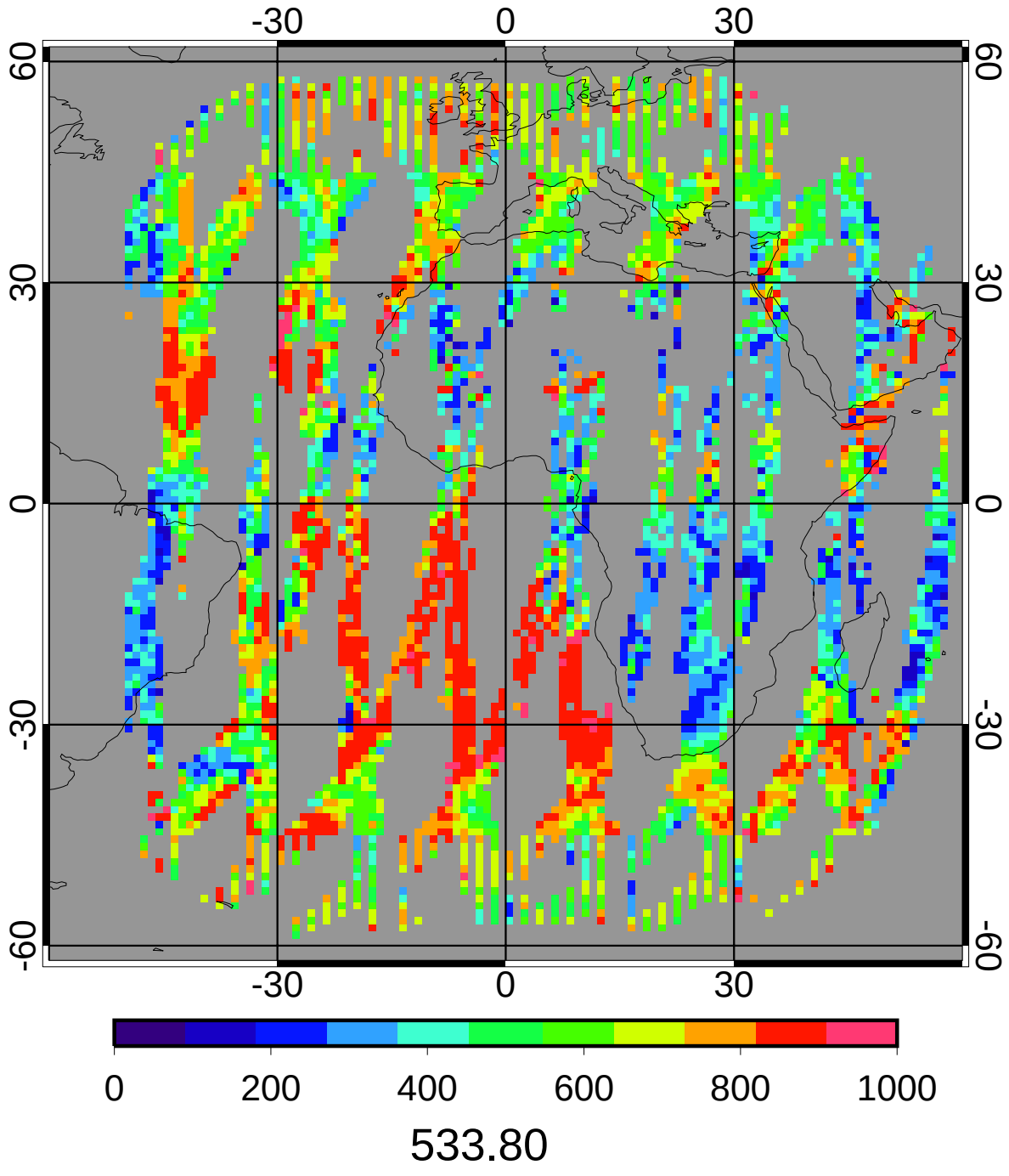
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	62.63	10.95%
domain rms	83.12	14.54%

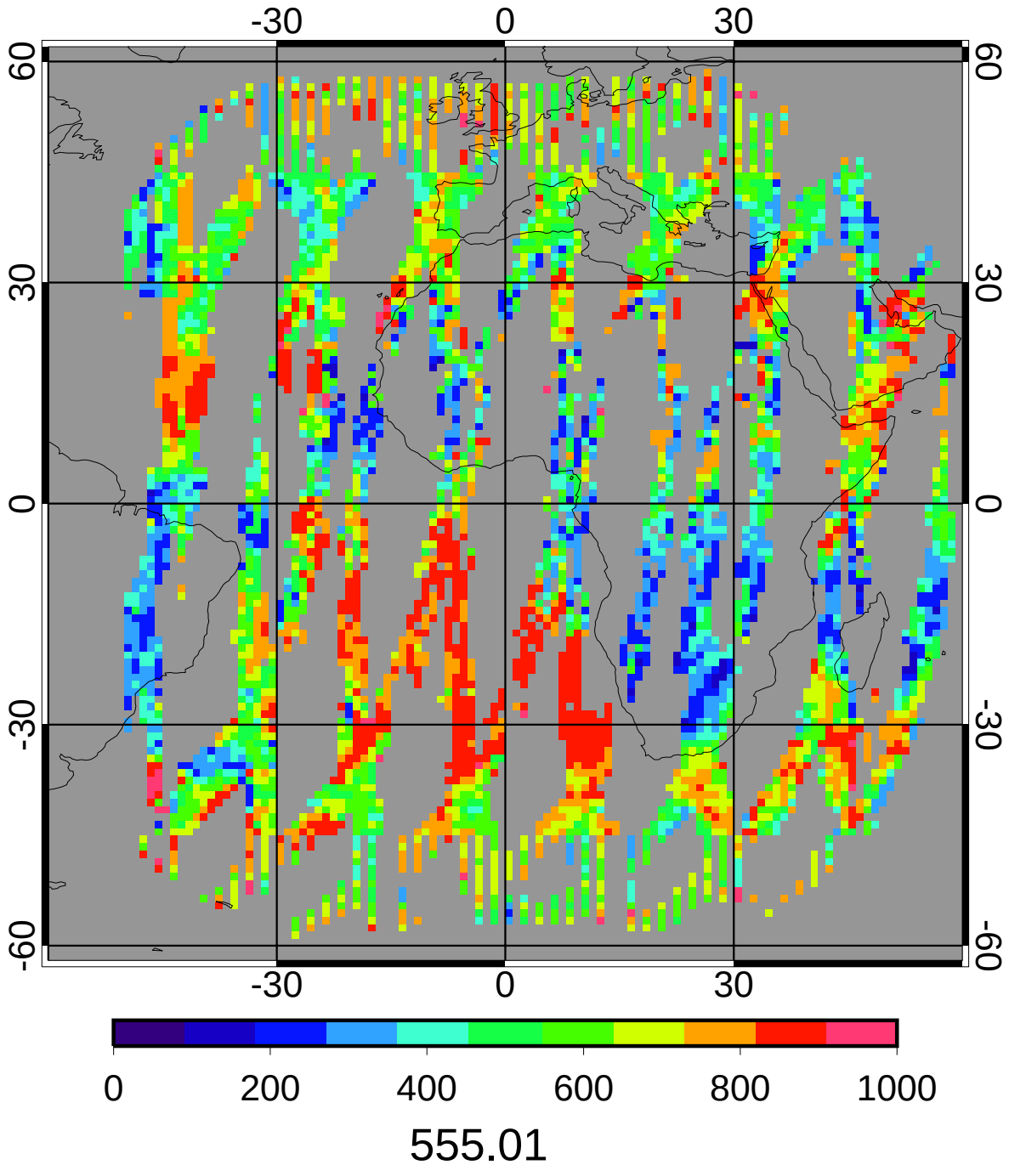
GGEO MEAN Nighttime Cloud Top Pressure (mb)

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



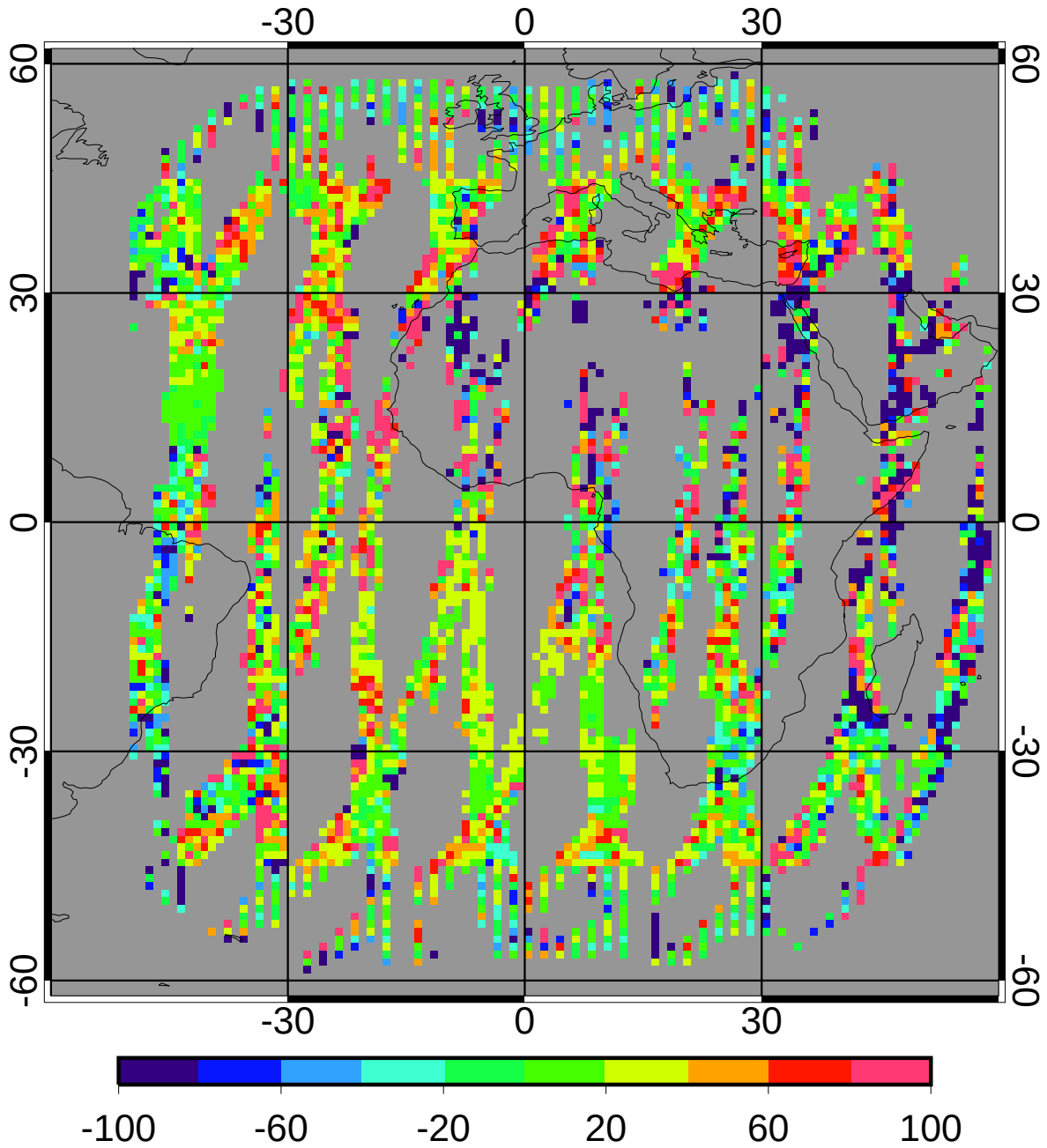
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

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



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

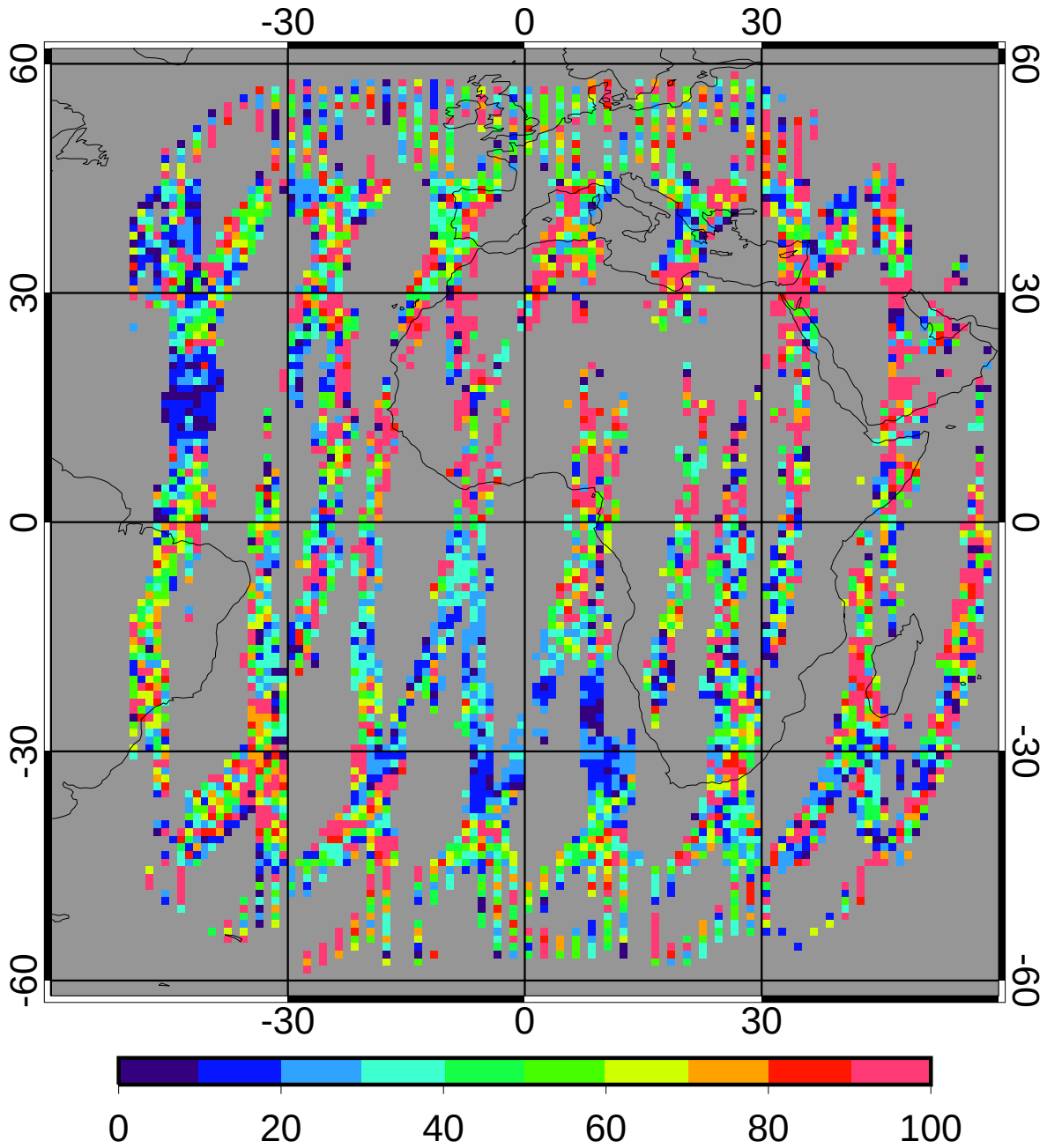
5ch Jan 2010 (matched angle) (lapse rate)



bias	5.68	1.02%
domain sigma	88.70	15.98%

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

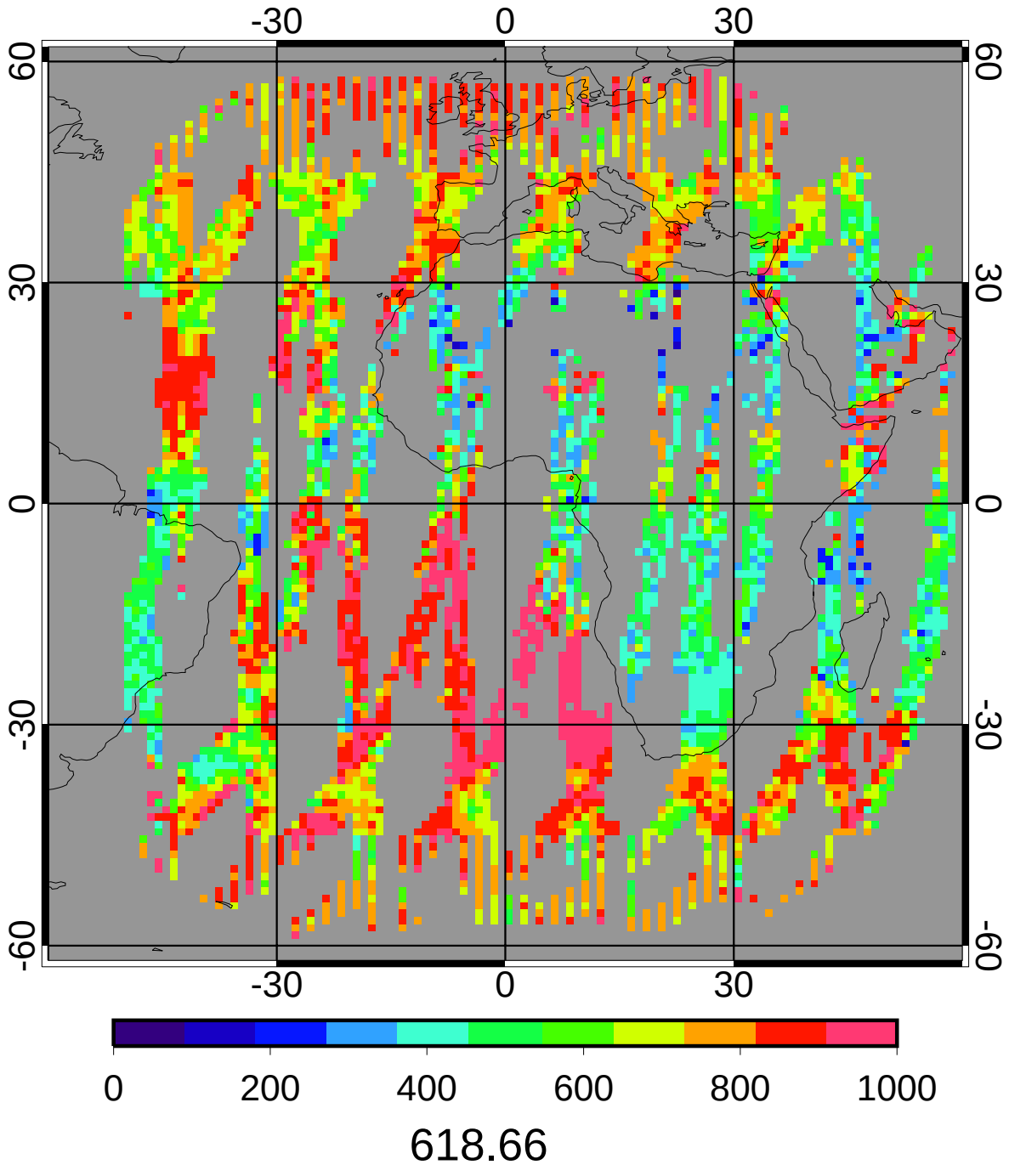
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	63.12	11.37%
domain rms	83.56	15.06%

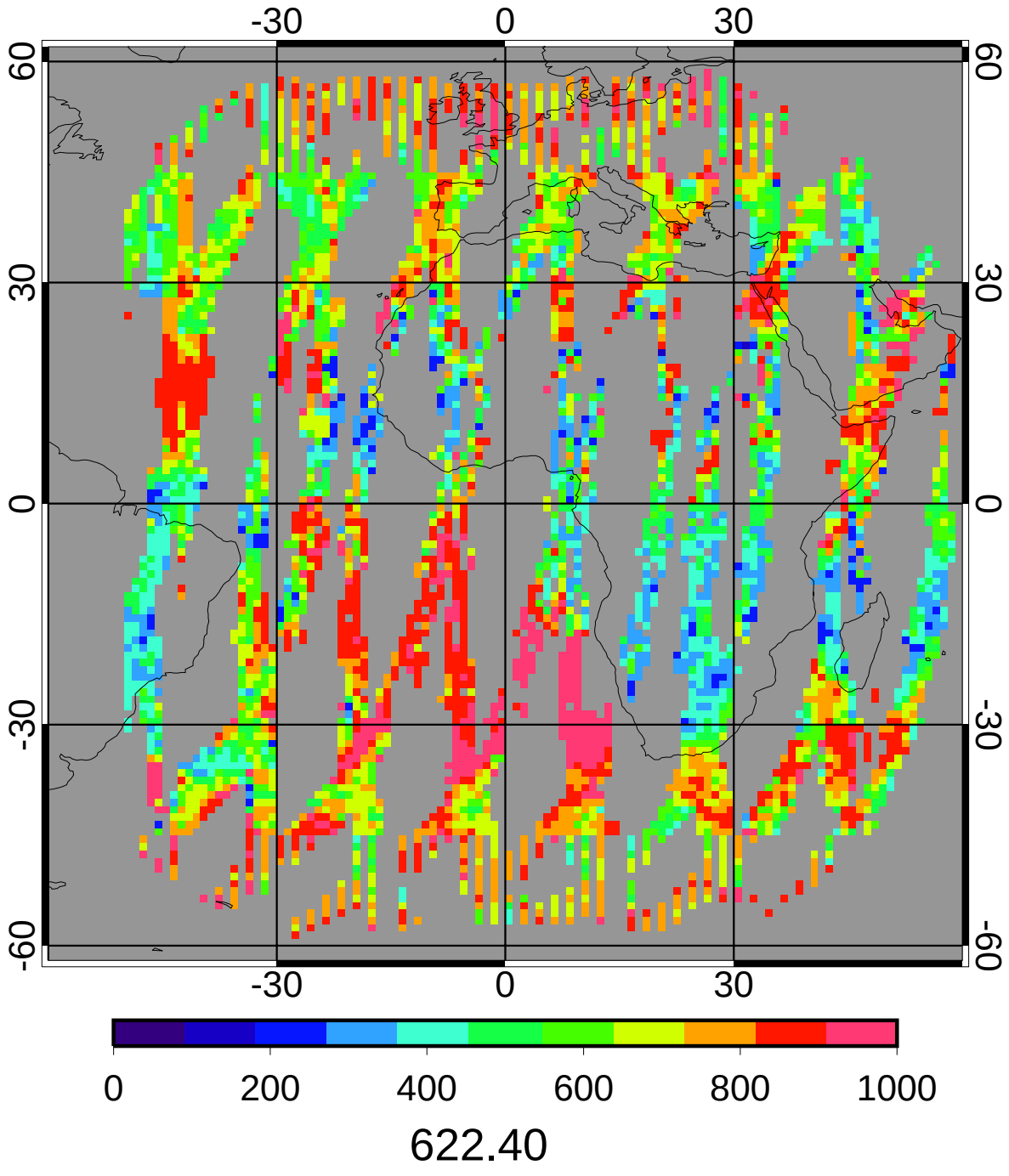
GGEO MEAN Nighttime Cloud Base Pressure (mb)

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



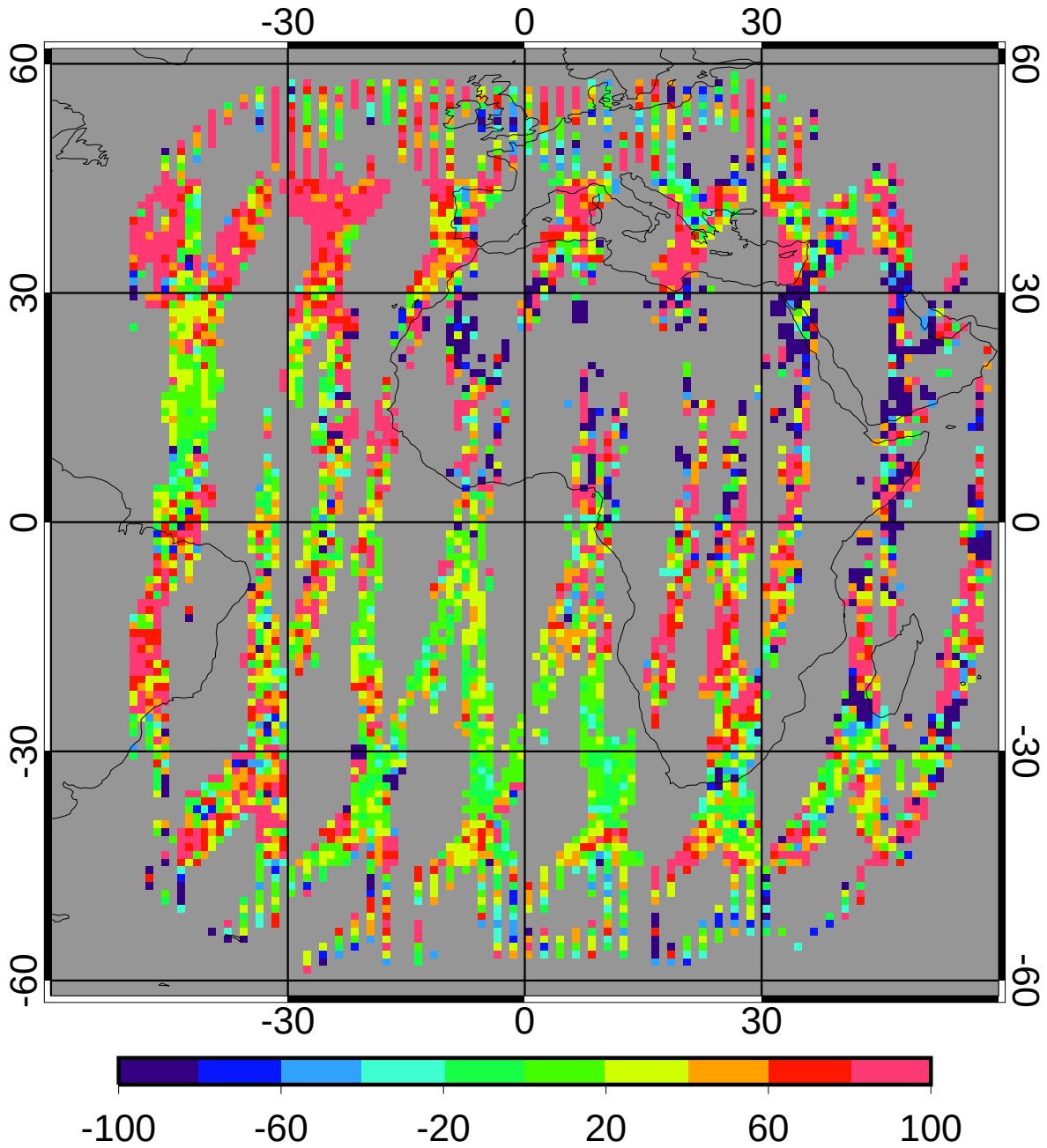
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

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



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

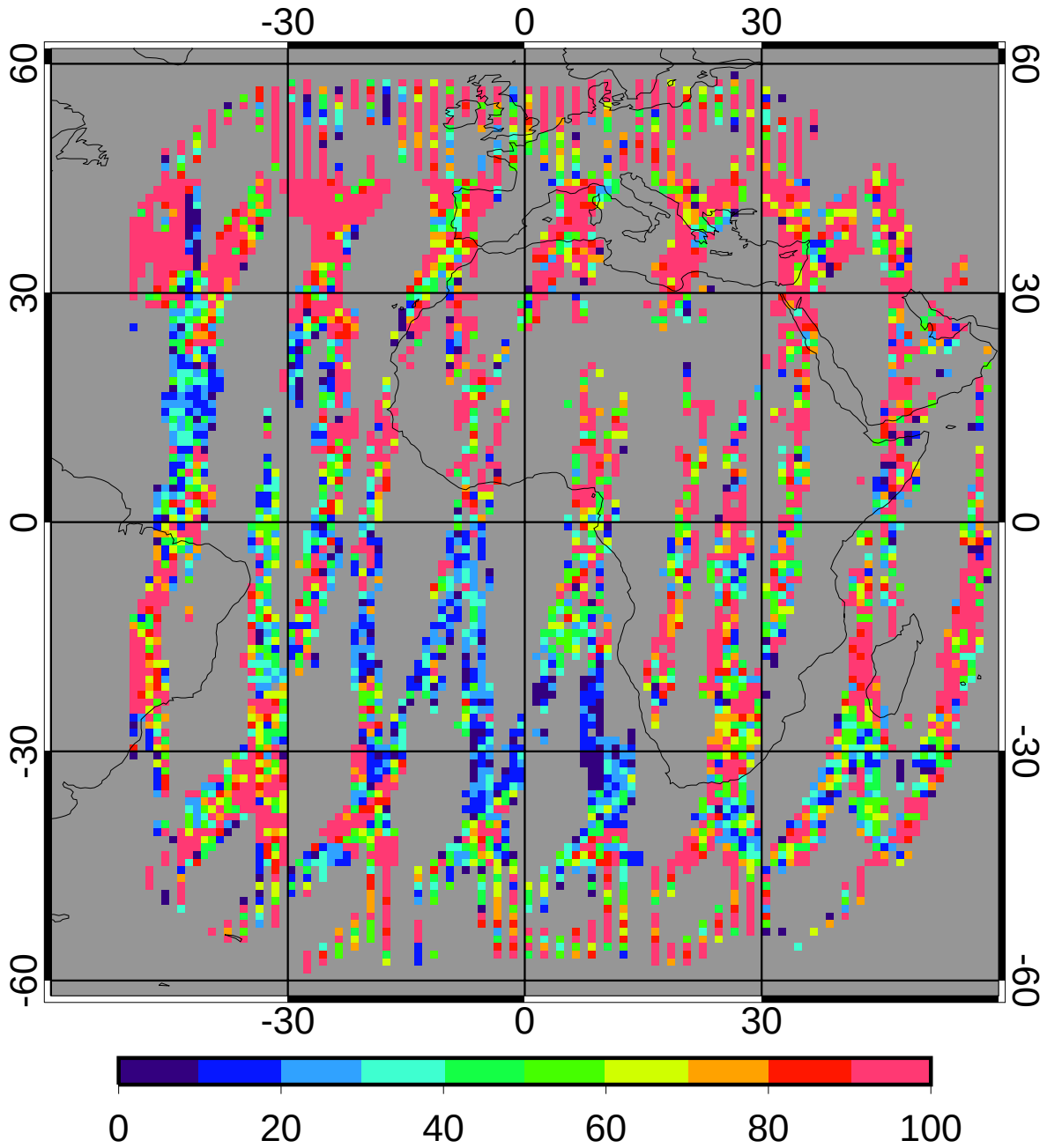
5ch Jan 2010 (matched angle) (lapse rate)



bias	25.22	4.05%
domain sigma	94.34	15.16%

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

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

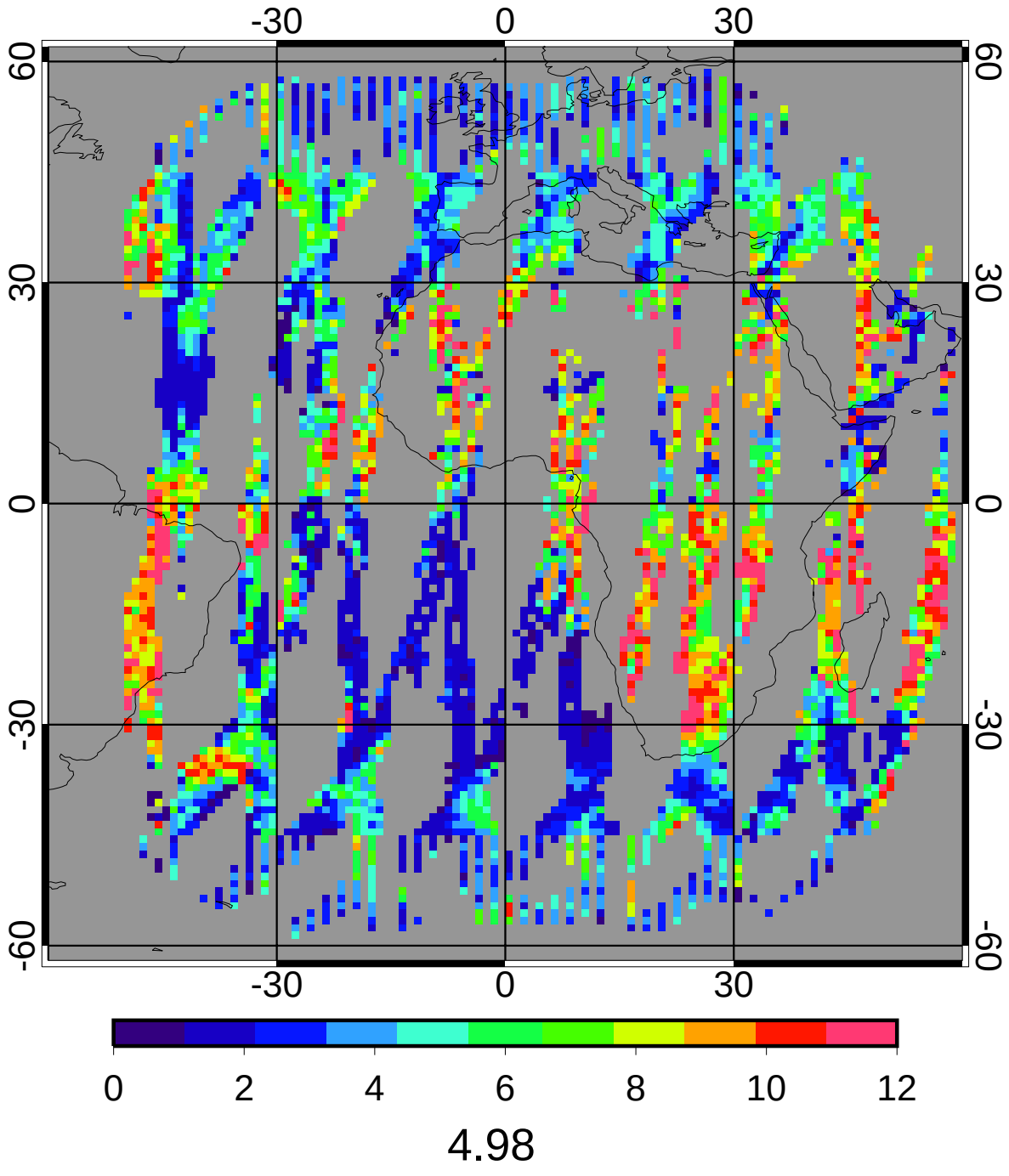


regave rms 79.08 12.71%

domain rms 100.39 16.13%

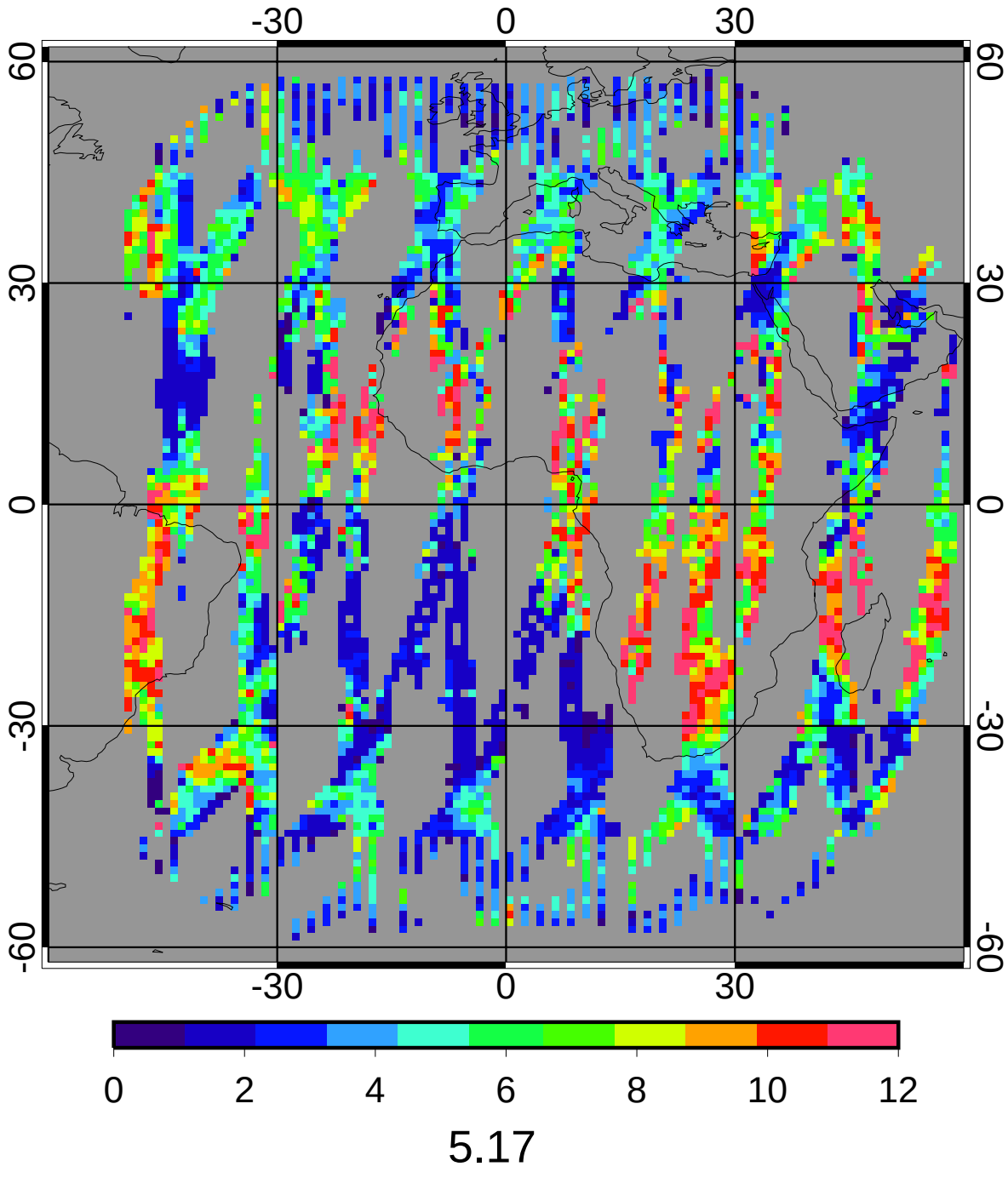
GGEO MEAN Nighttime Cloud Eff Height (km)

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



CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

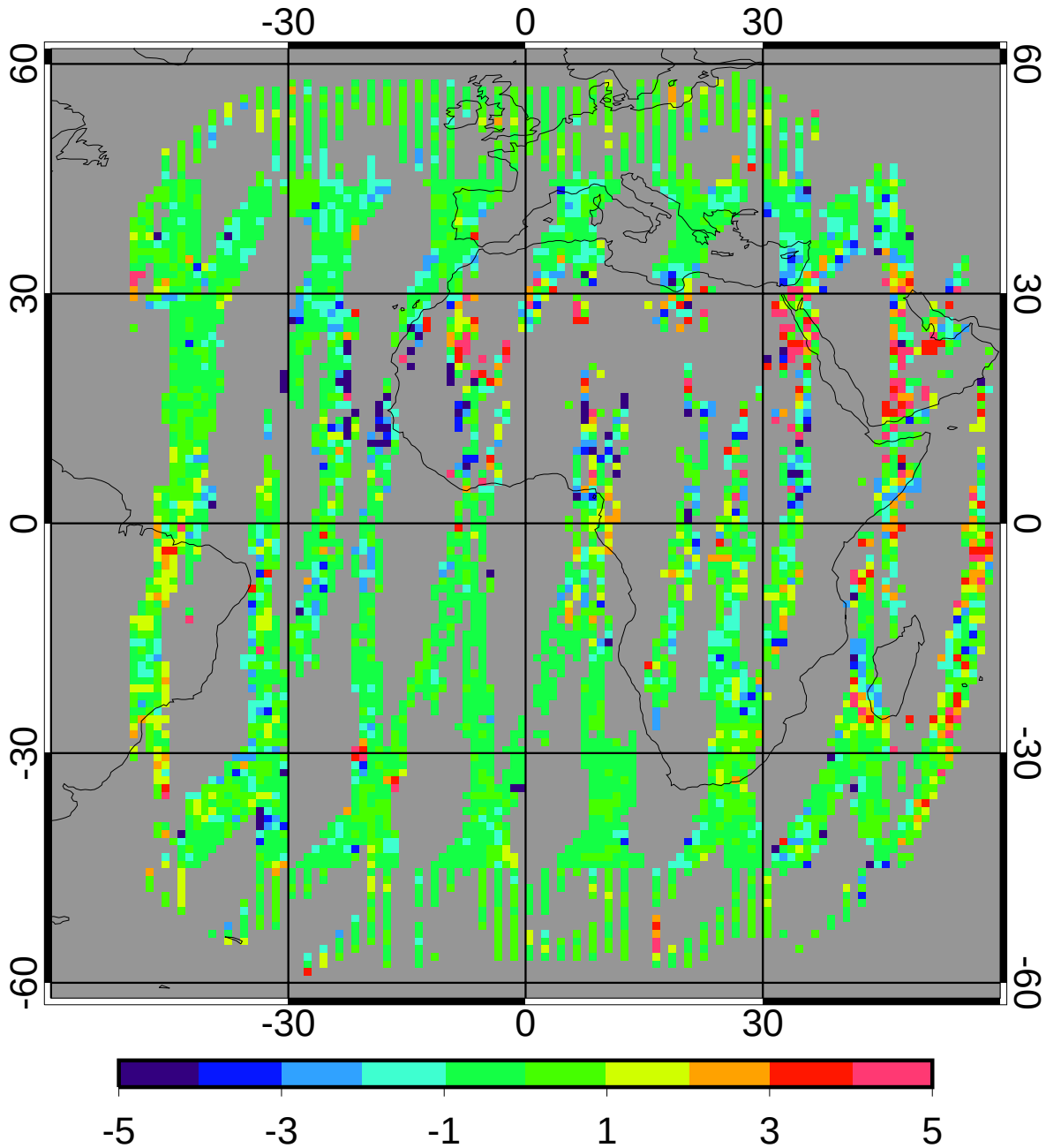
5ch Jan 2010 (matched angle) (lapse rate)



5.17

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

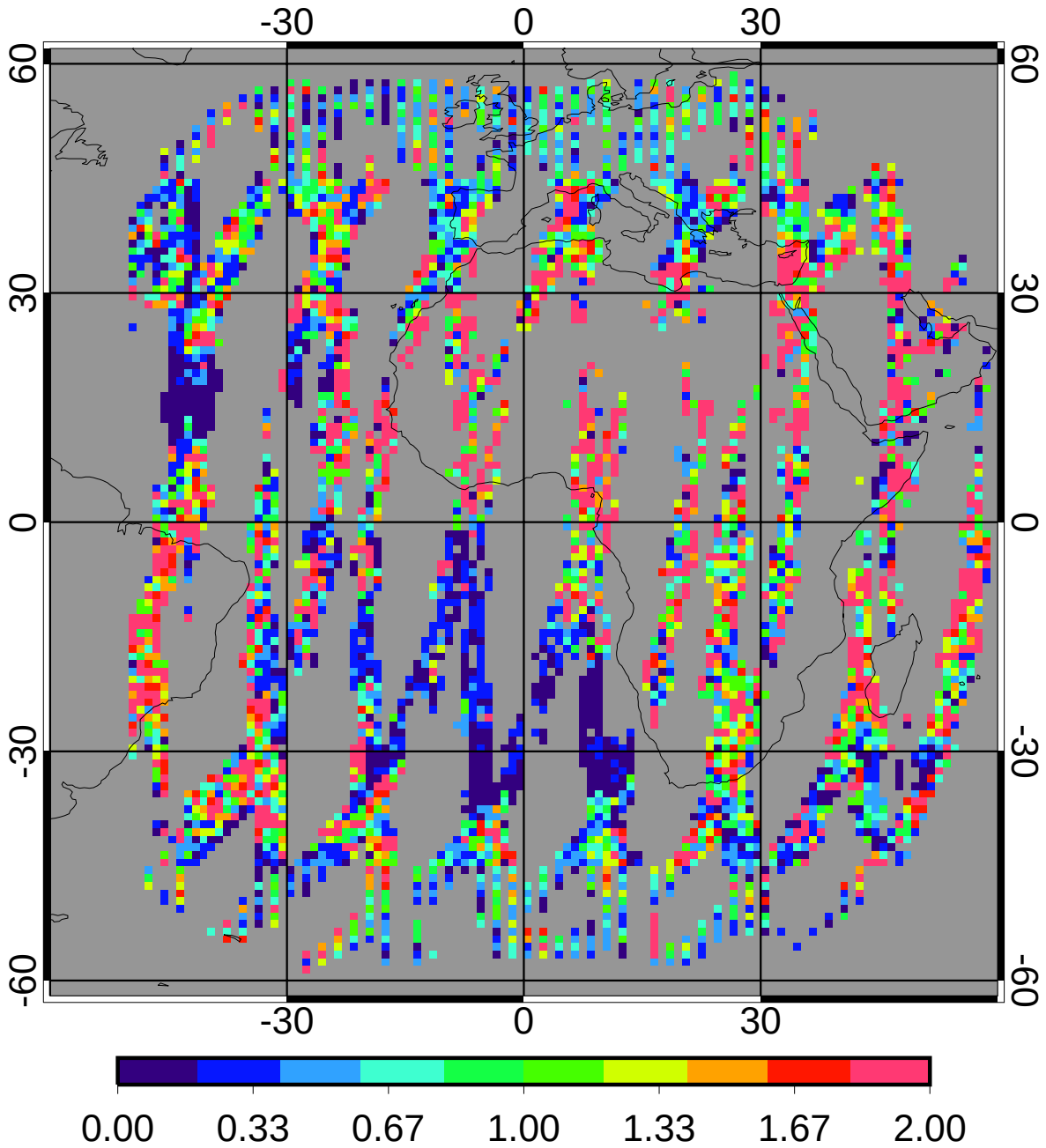
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.12	-2.36%
domain sigma	1.51	29.25%

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

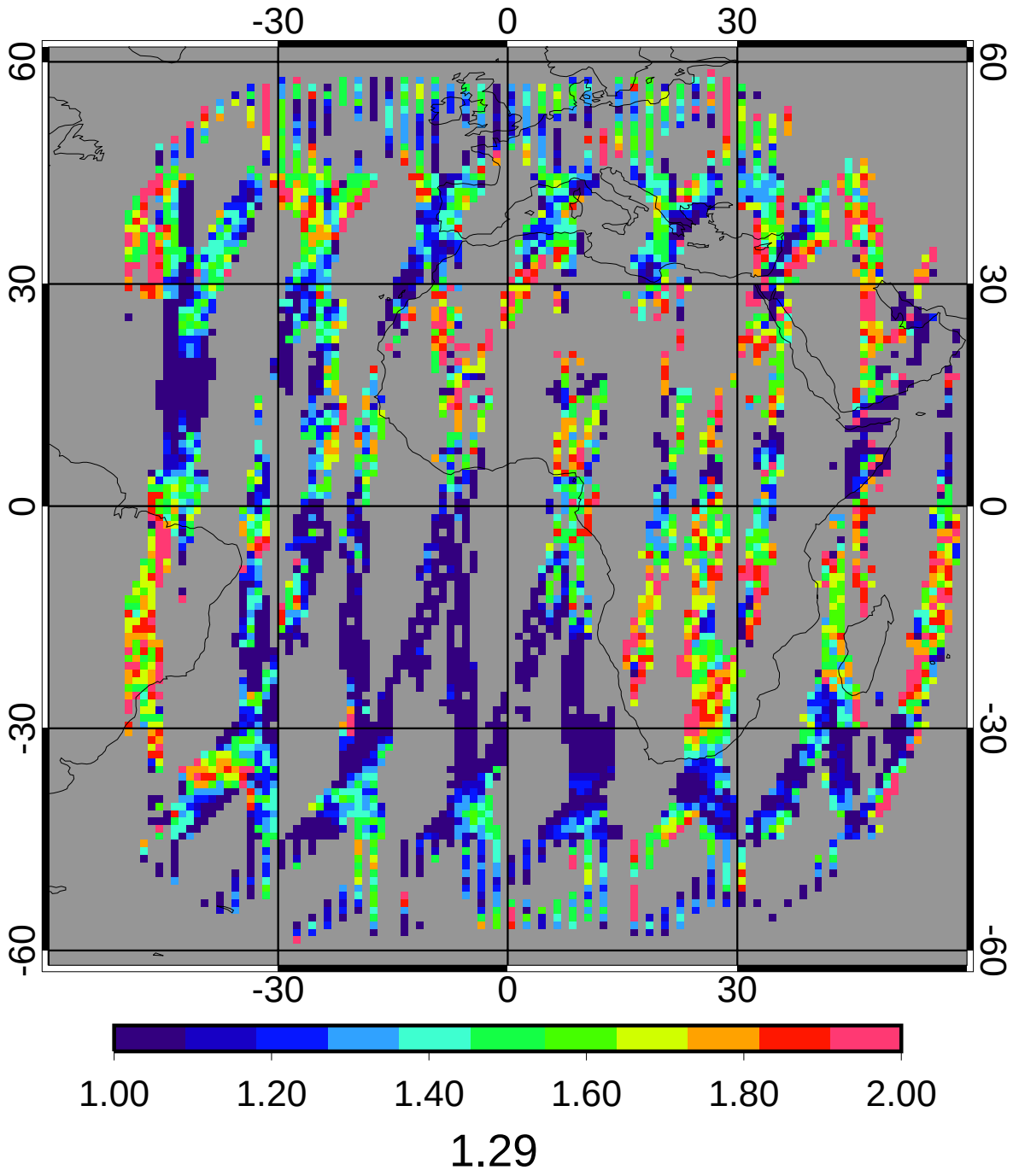
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	1.16	22.39%
domain rms	1.53	29.59%

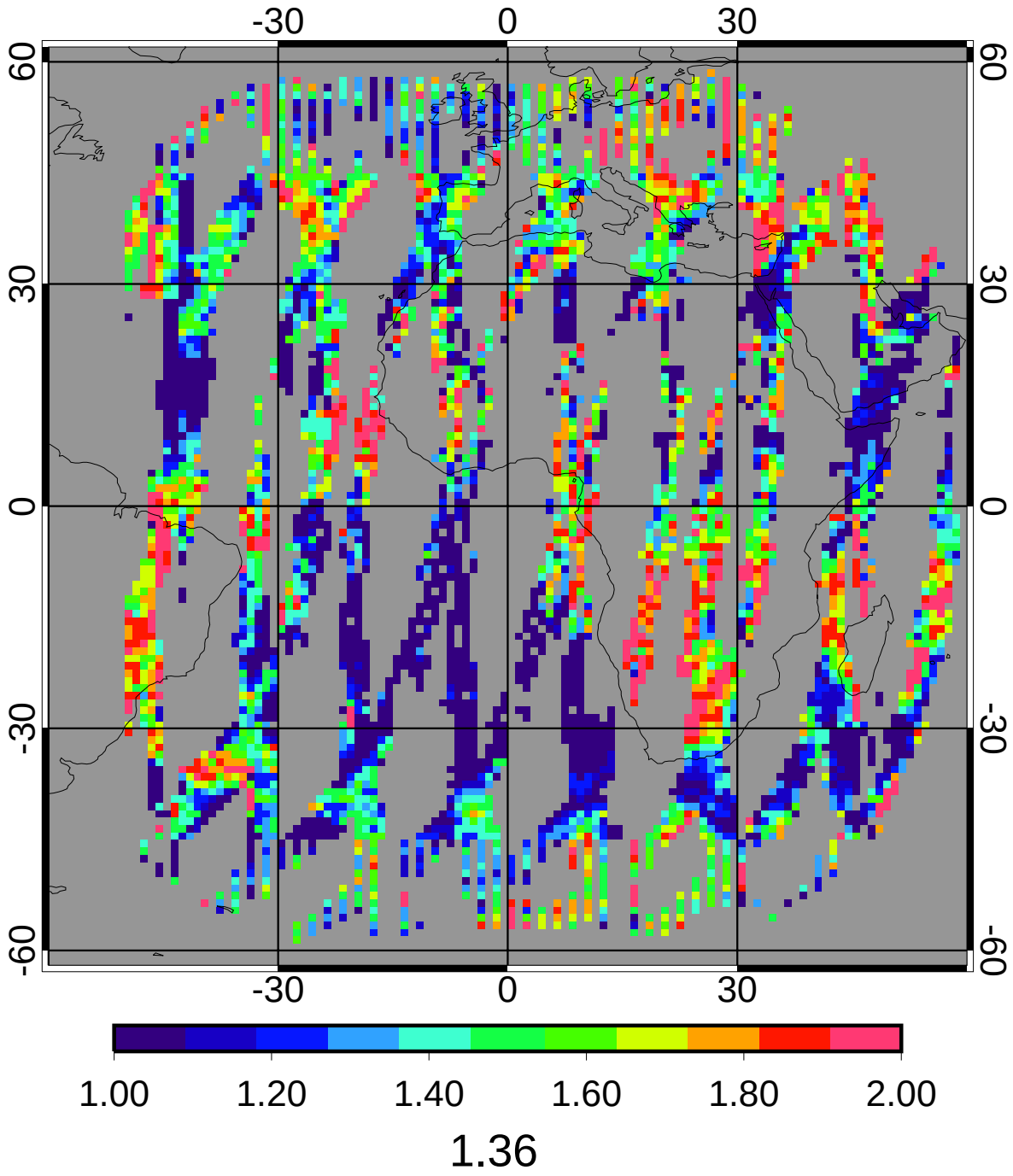
GGEO MEAN Nighttime Cloud Phase

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



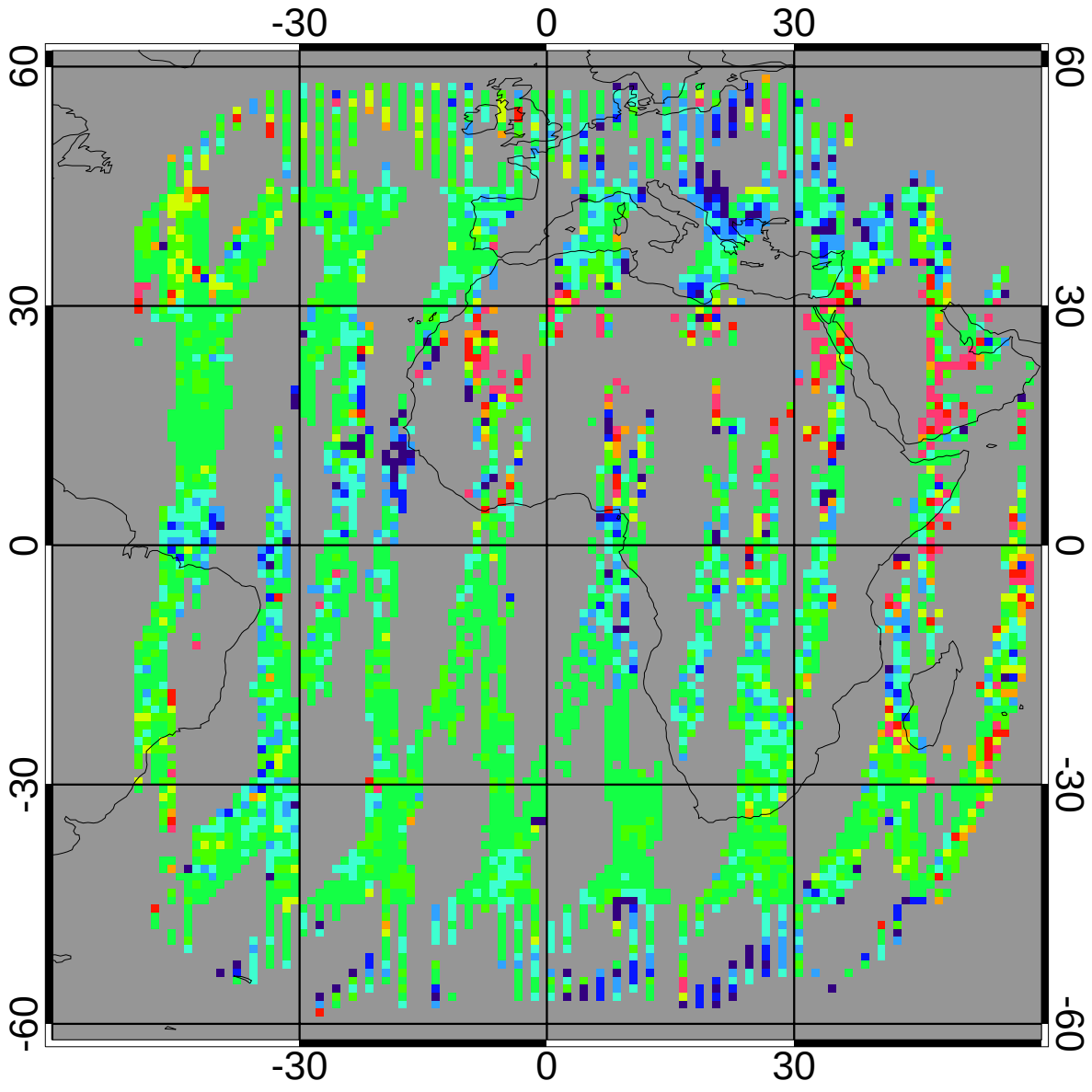
CERES/Aqua MEAN Nighttime Cloud Phase

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



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

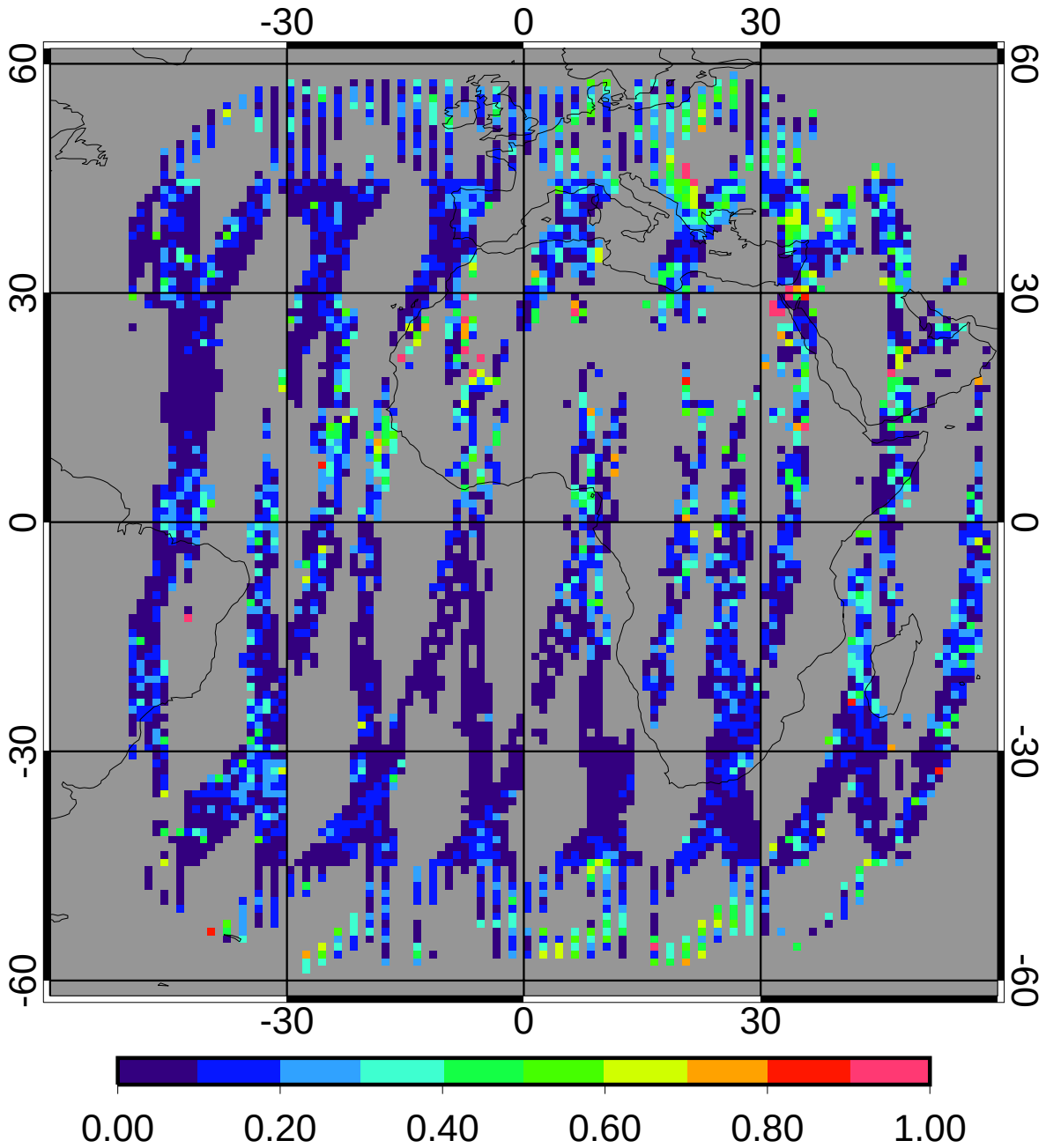
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.03	-2.45%
domain sigma	0.17	12.24%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

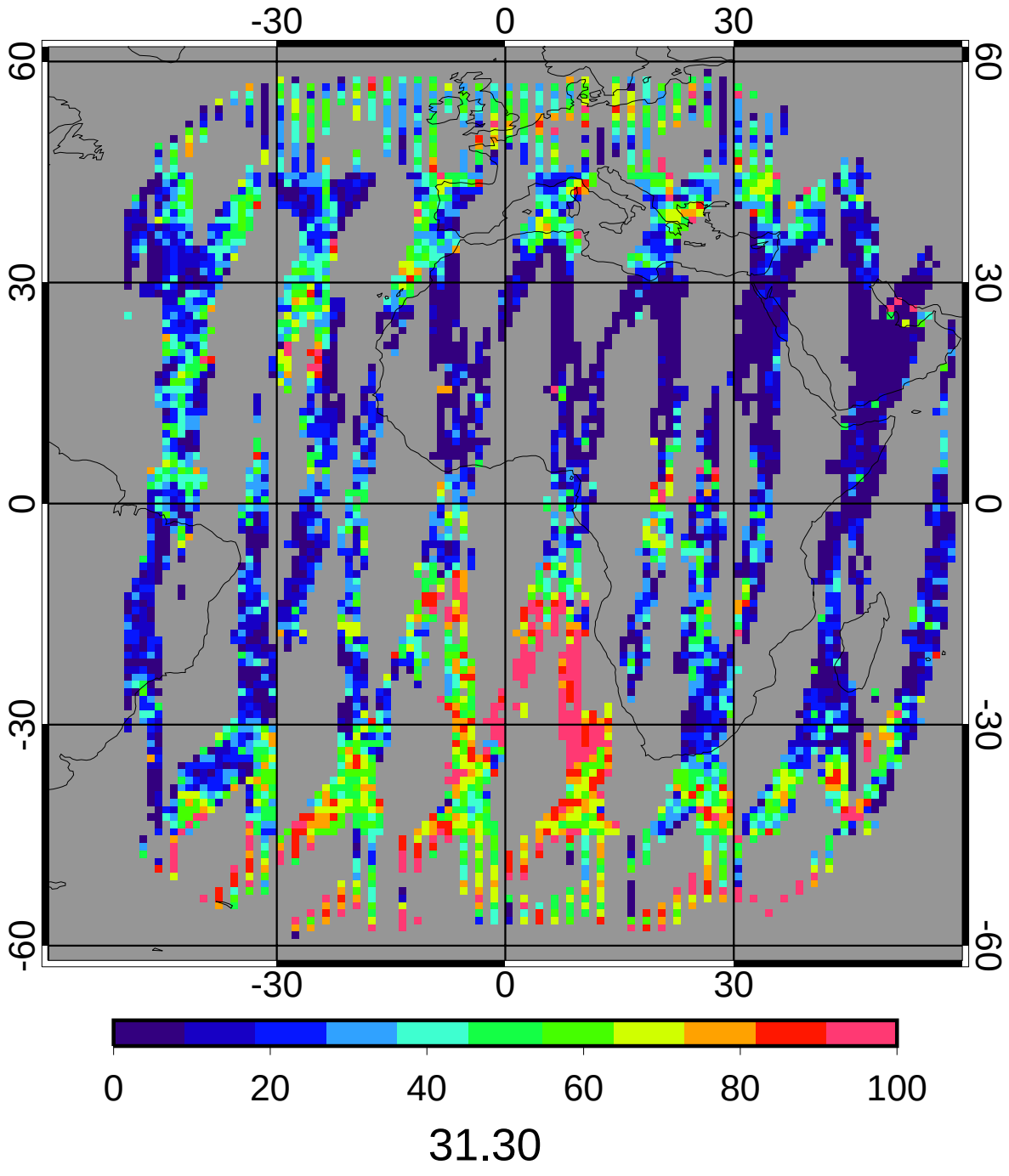
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	0.13	9.62%
domain rms	0.19	13.85%

GGEO MEAN Nighttime Liquid Cld Amt (%)

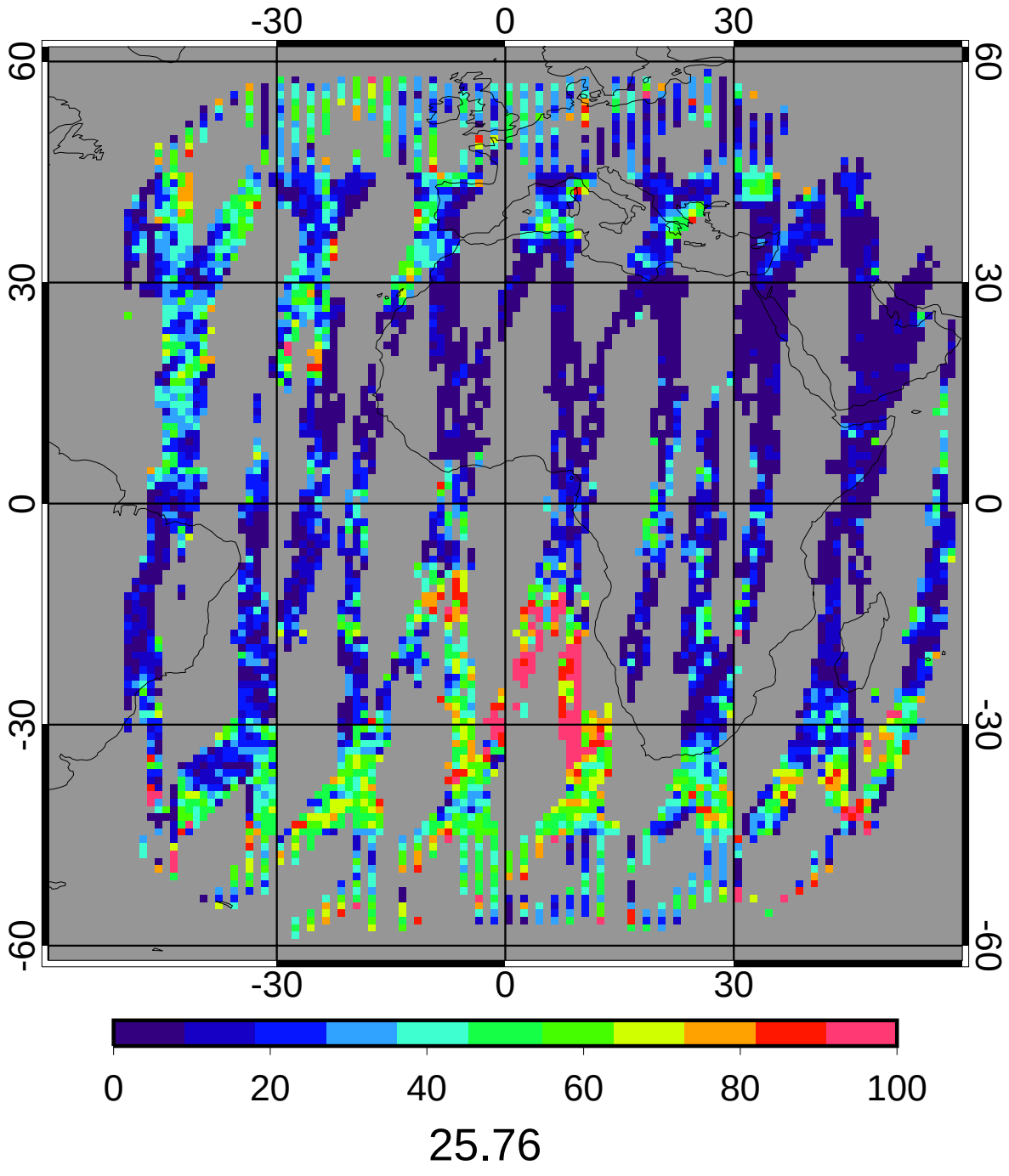
5ch Jan 2010 (matched angle) (lapse rate)



31.30

CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

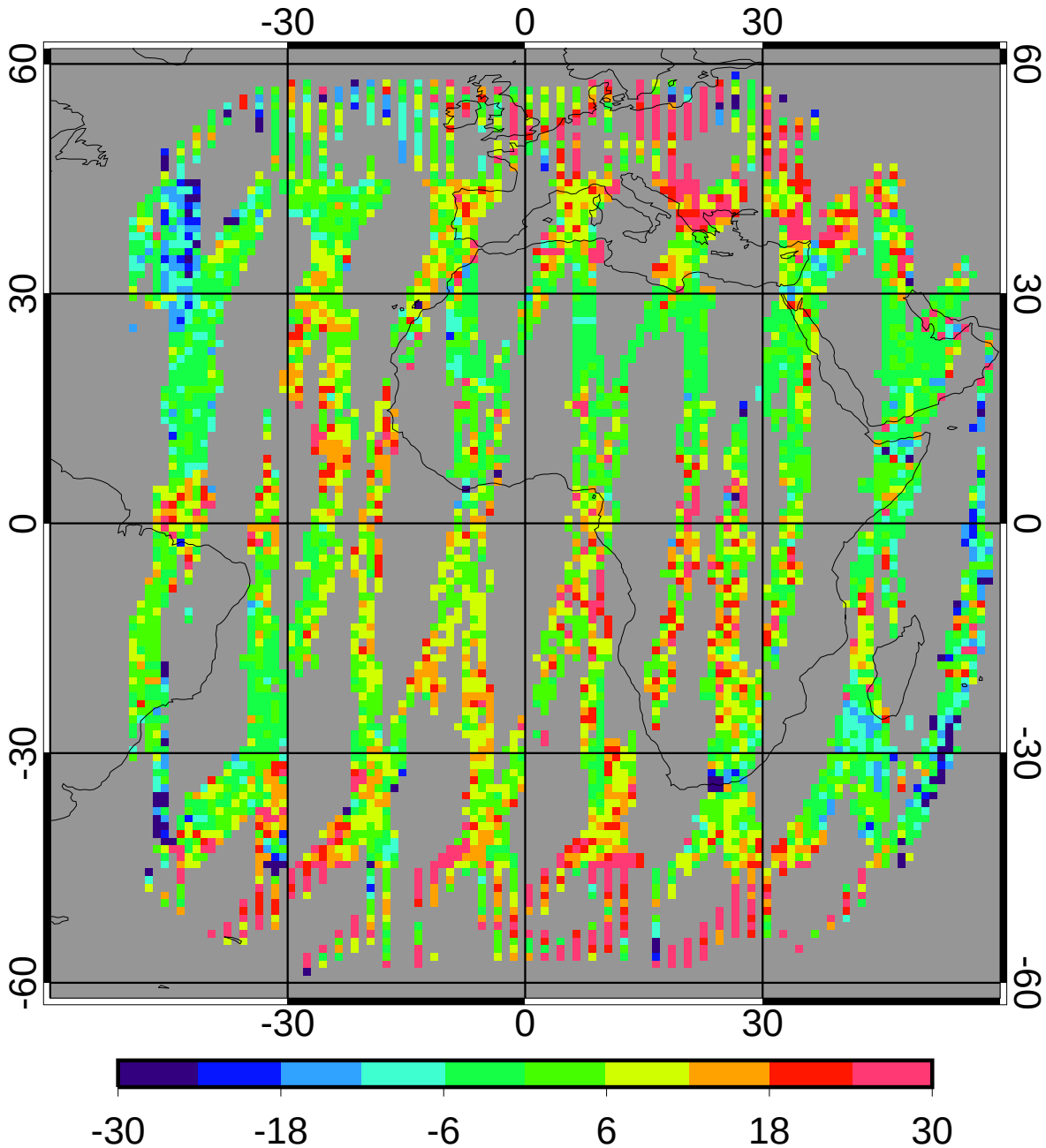
5ch Jan 2010 (matched angle) (lapse rate)



25.76

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

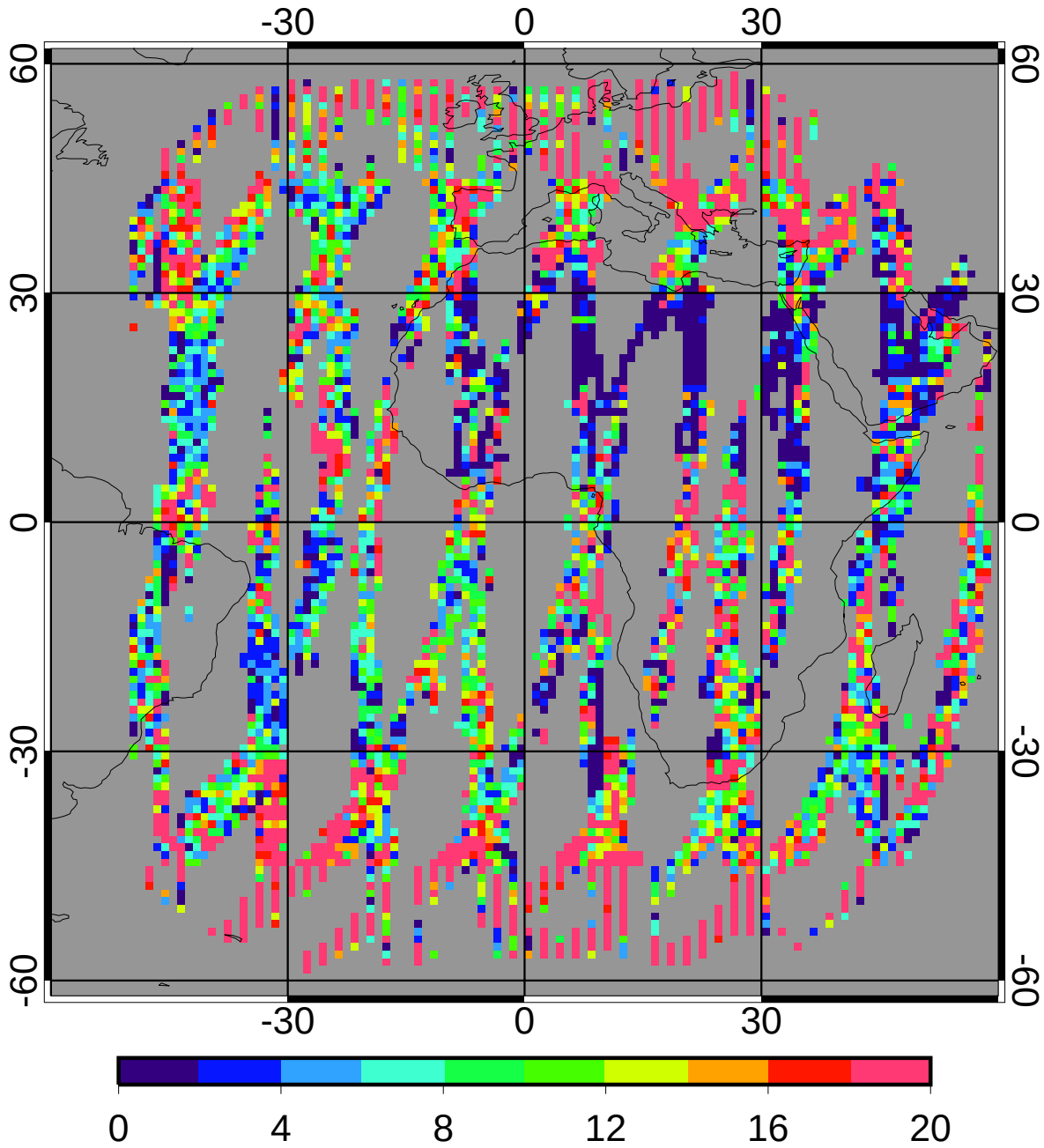
5ch Jan 2010 (matched angle) (lapse rate)



bias	5.55	21.54%
domain sigma	11.57	44.94%

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

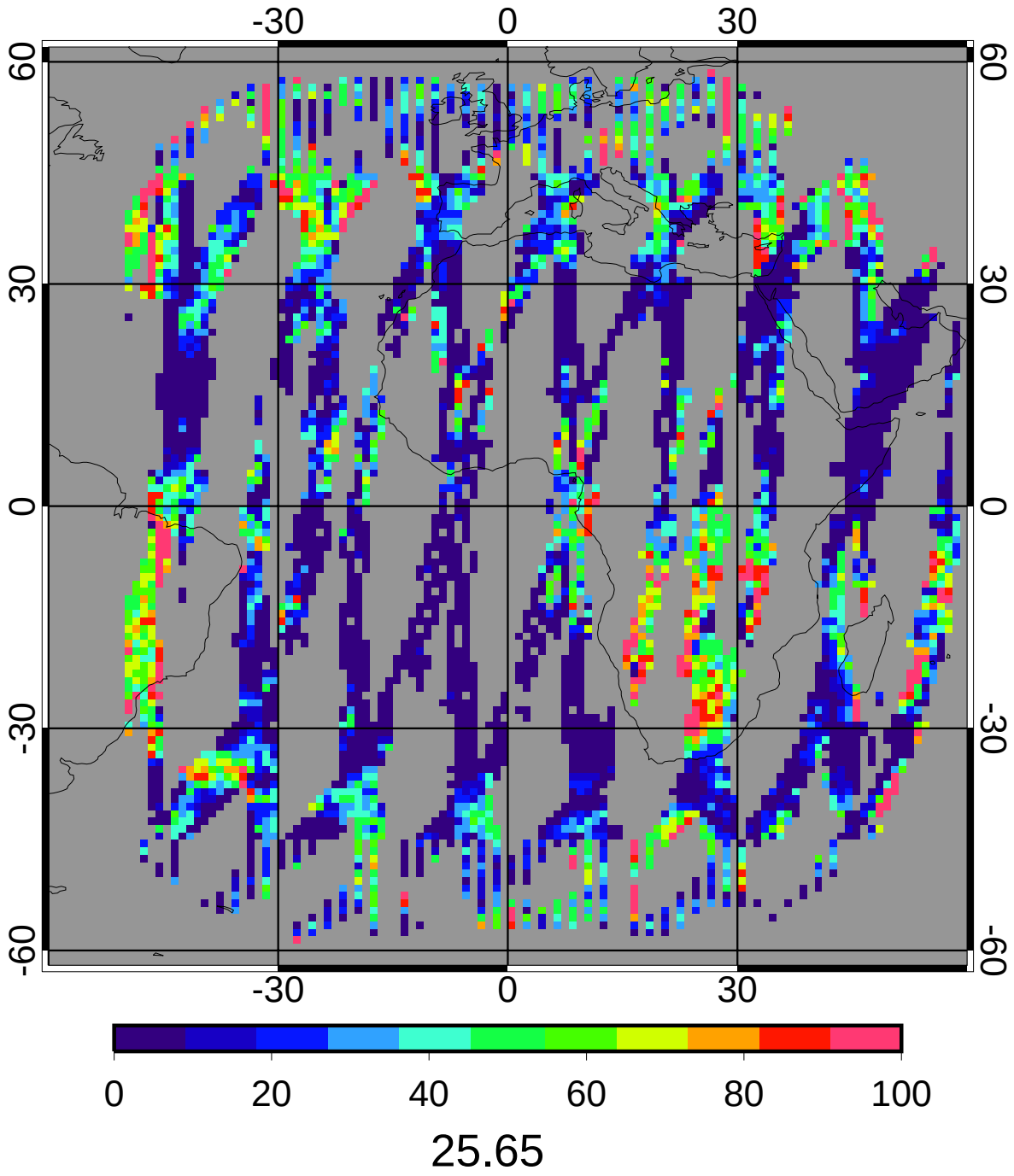
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	12.69	49.27%
domain rms	16.89	65.58%

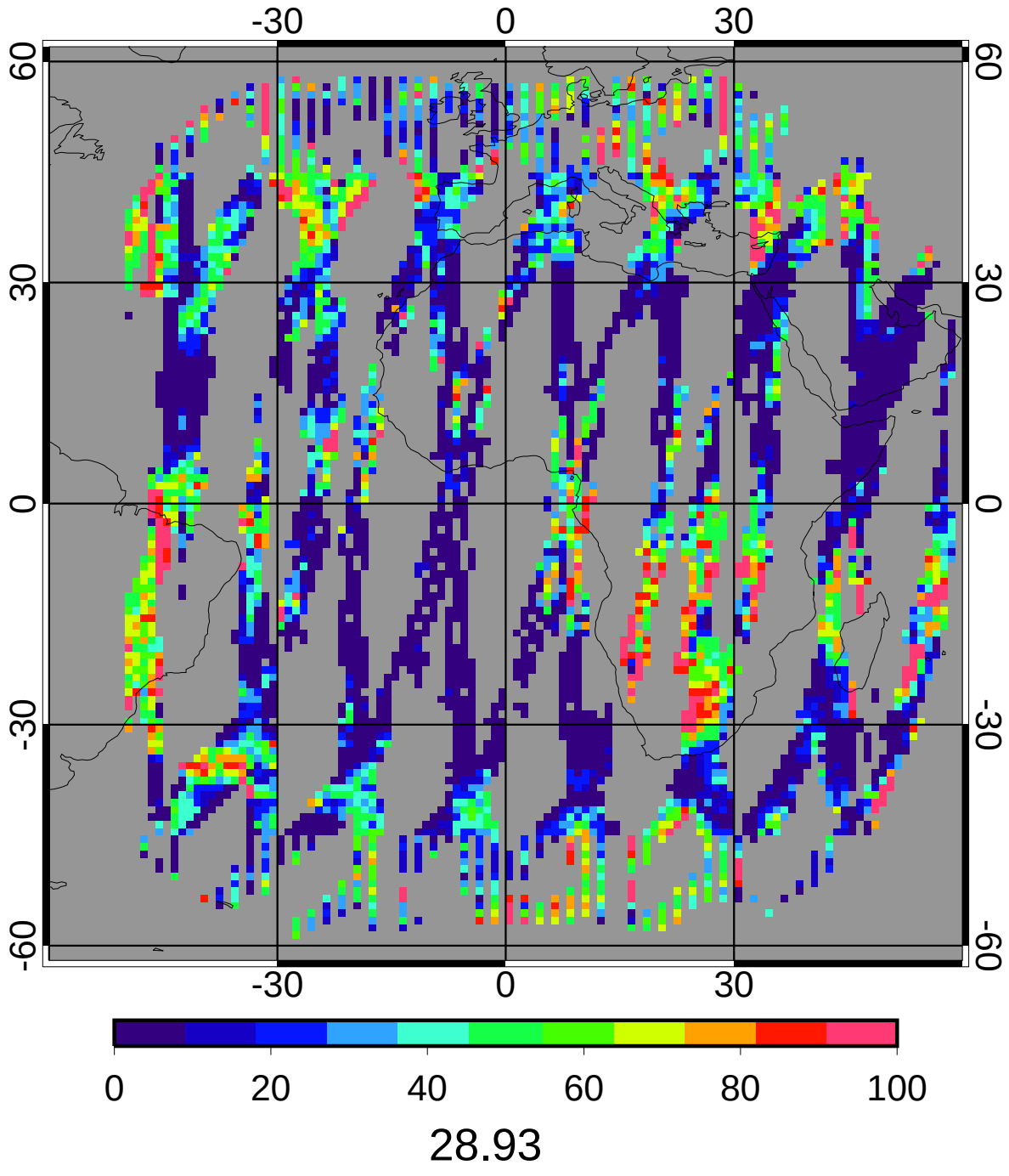
GGEO MEAN Nighttime Ice Cld Amt (%)

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



CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

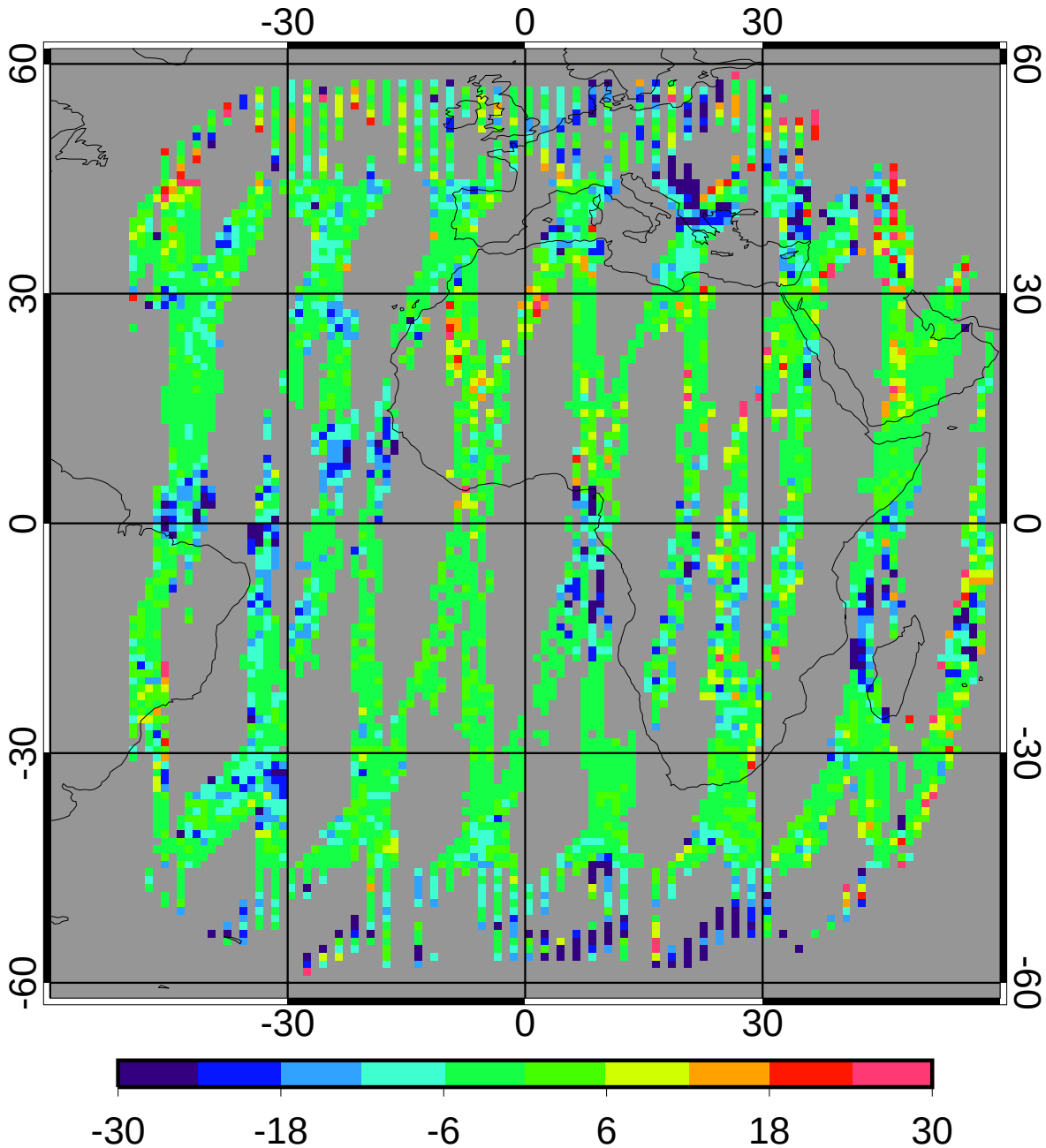
5ch Jan 2010 (matched angle) (lapse rate)



28.93

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

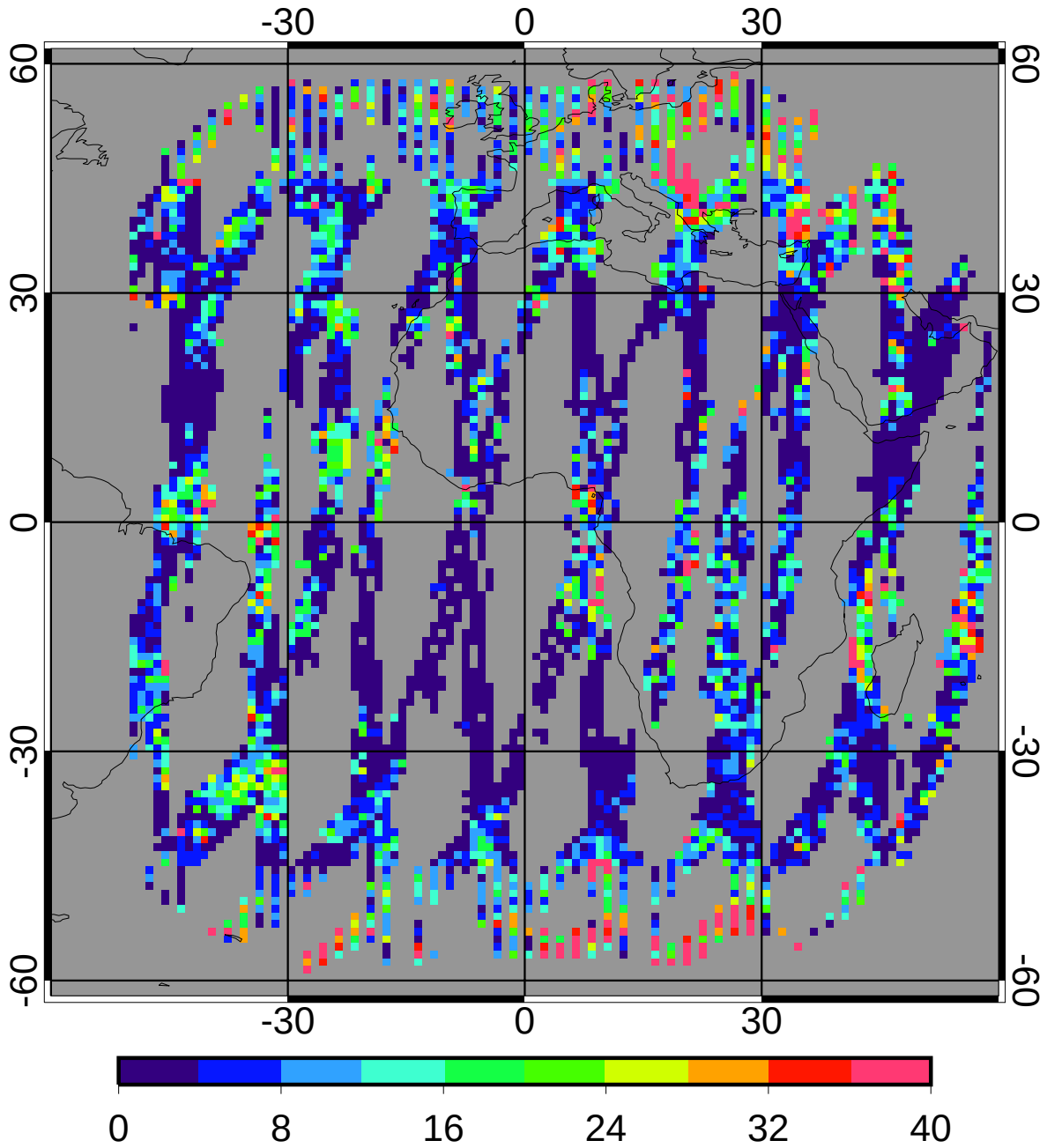
5ch Jan 2010 (matched angle) (lapse rate)



bias	-3.28	-11.34%
domain sigma	8.52	29.44%

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

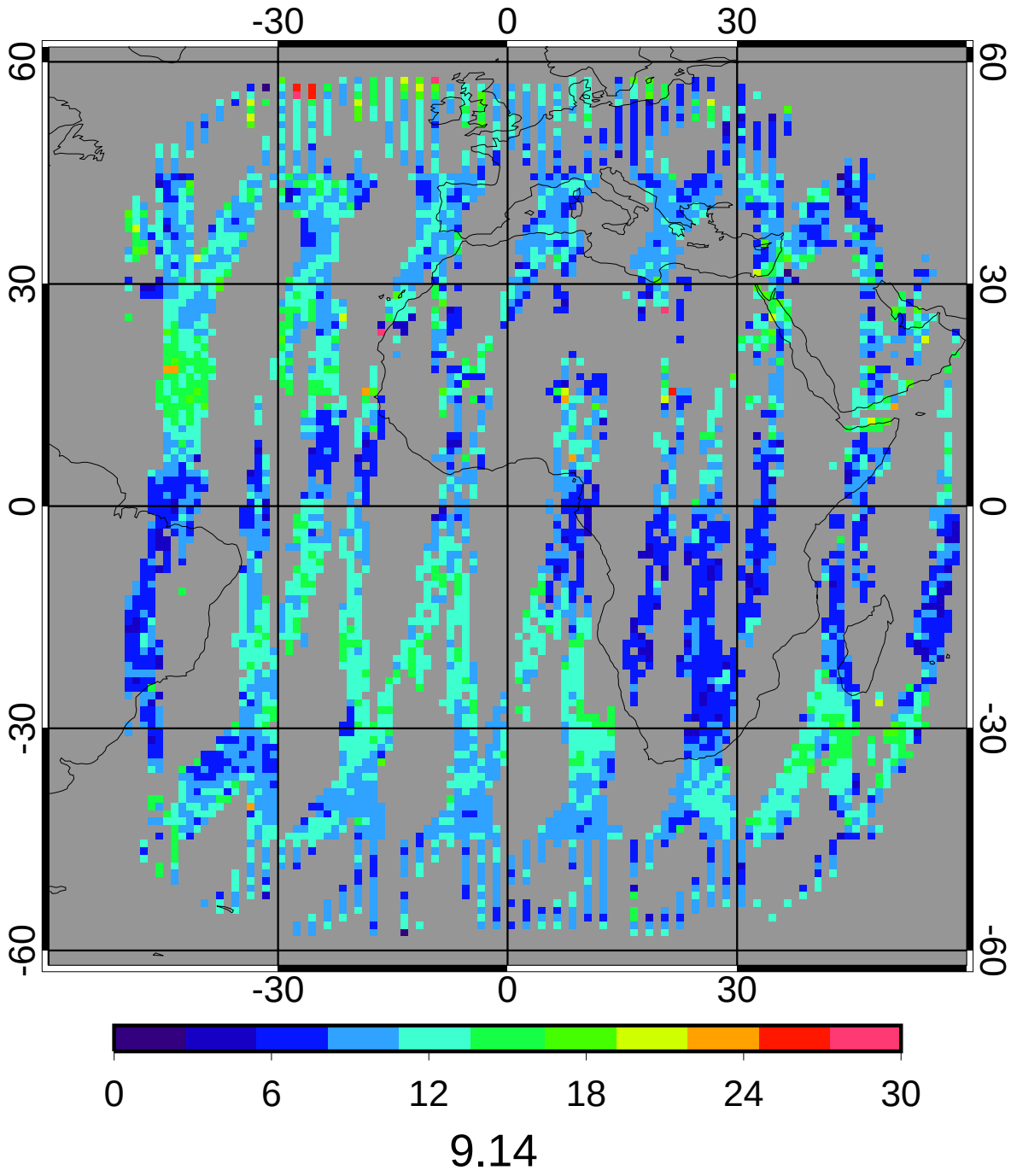
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	8.46	29.25%
domain rms	12.89	44.55%

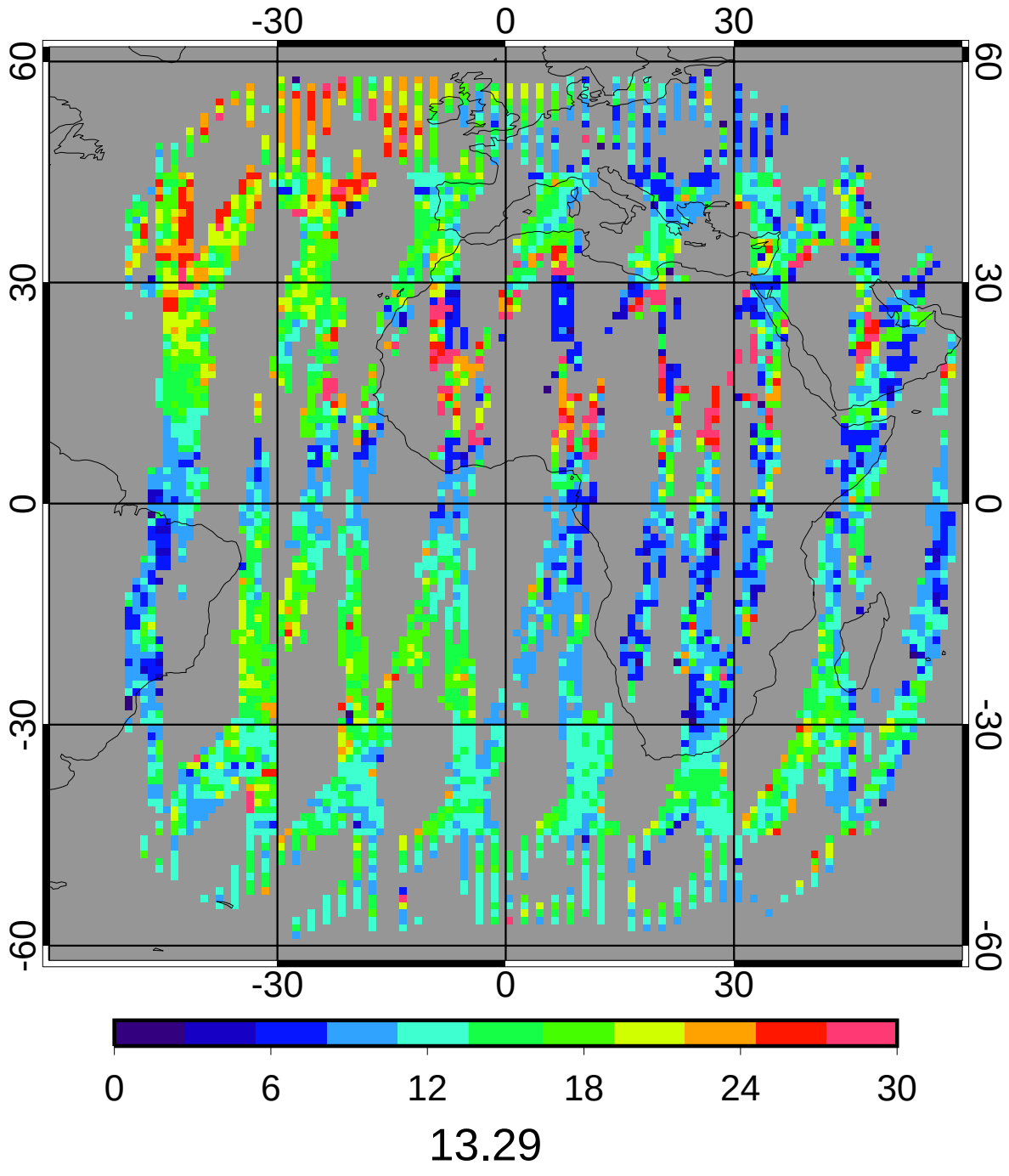
GGEO MEAN Nighttime Liquid Particle Size (microns)

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



CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

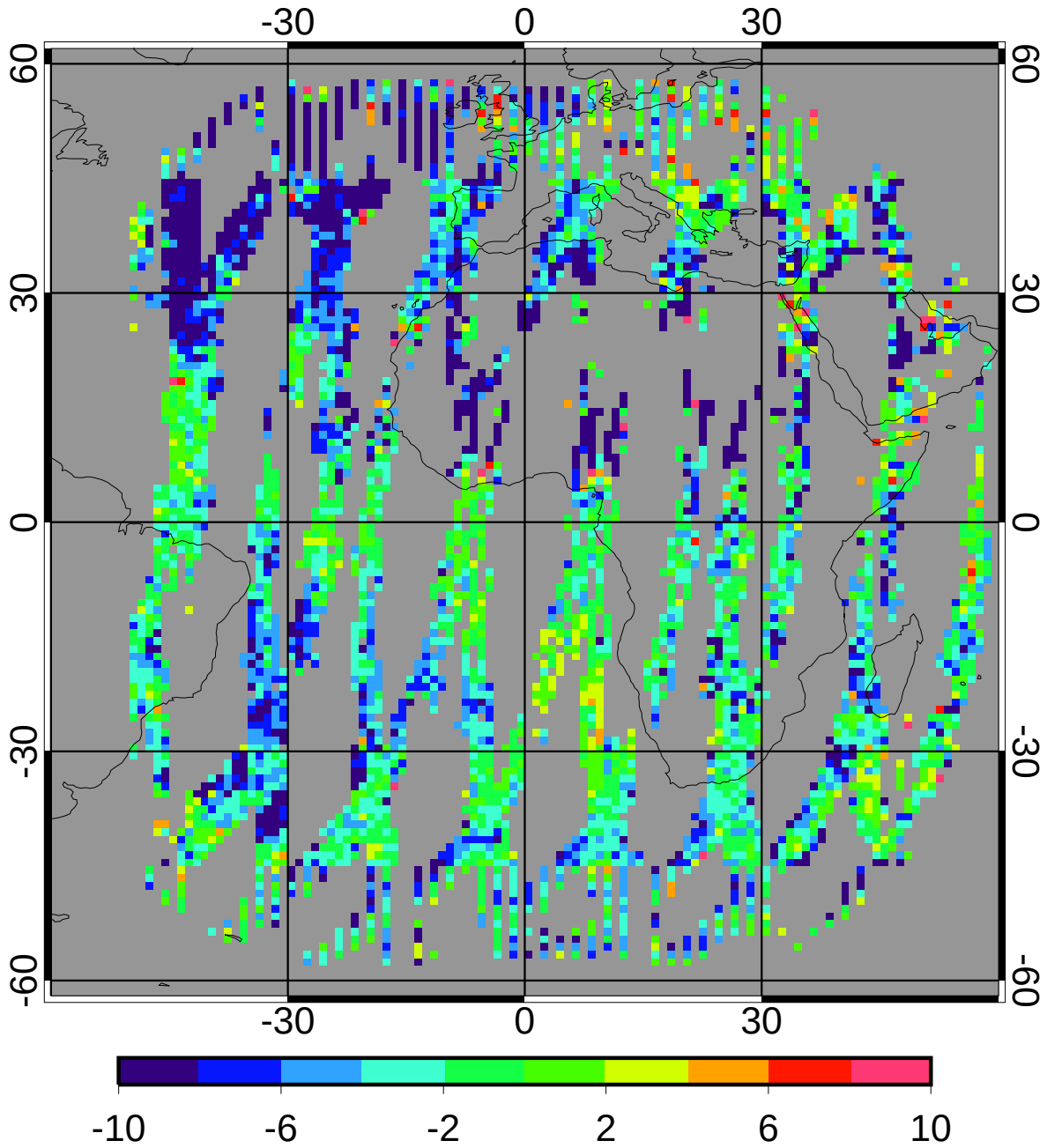
5ch Jan 2010 (matched angle) (lapse rate)



13.29

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

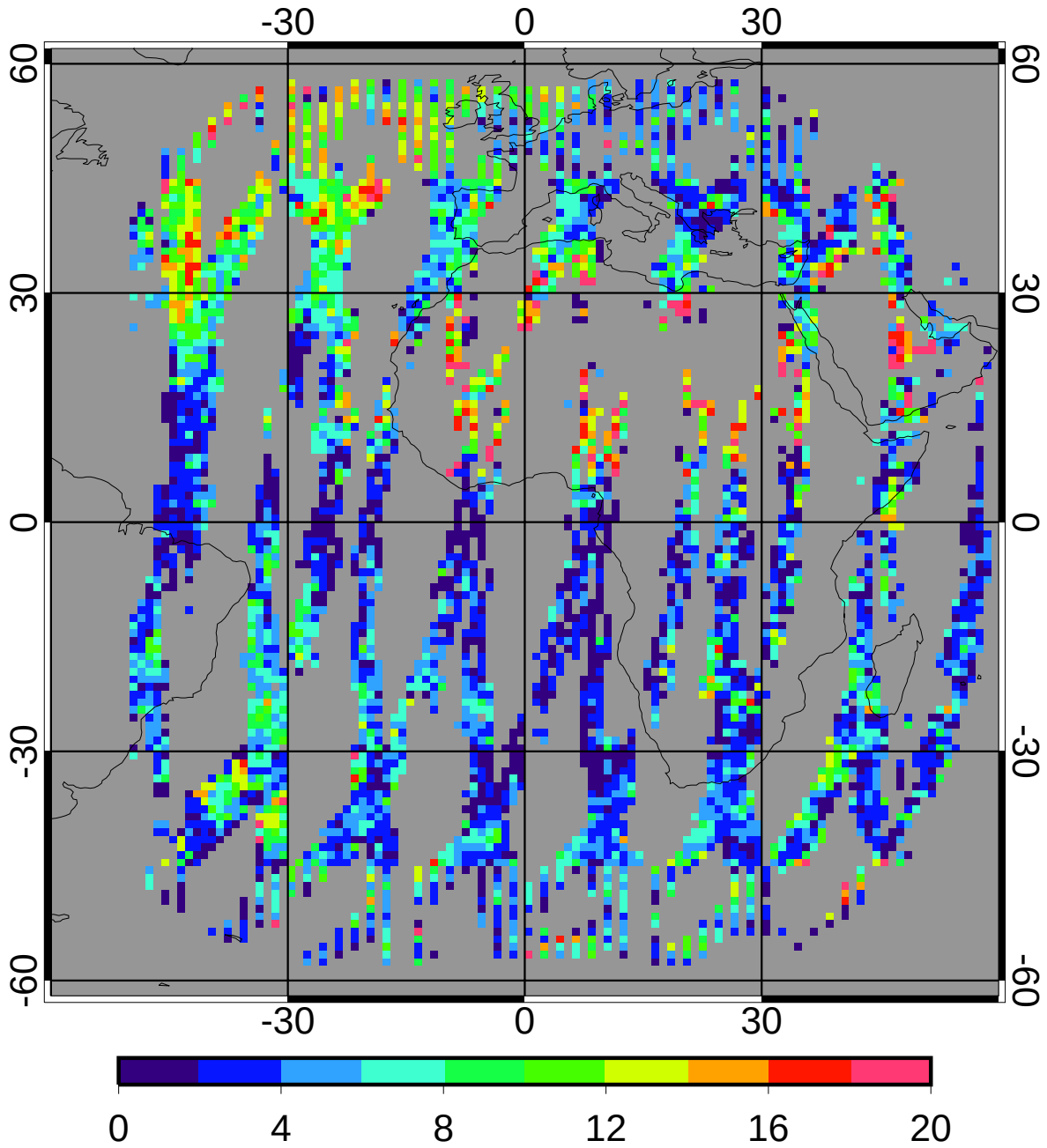
5ch Jan 2010 (matched angle) (lapse rate)



bias	-3.51	-26.45%
domain sigma	4.29	32.27%

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

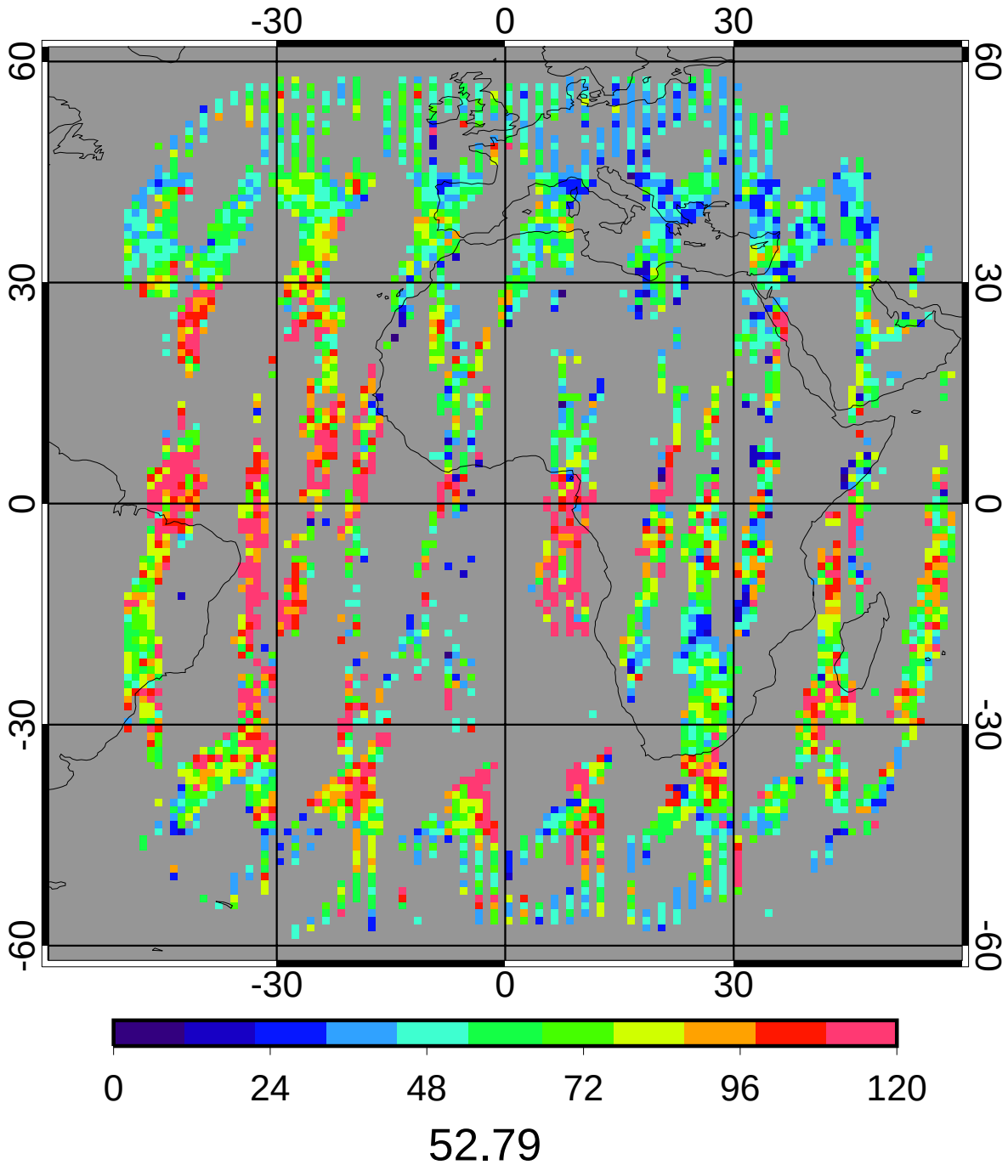
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	5.14	38.67%
domain rms	6.46	48.62%

GGEO MEAN Nighttime Ice Particle Size (microns)

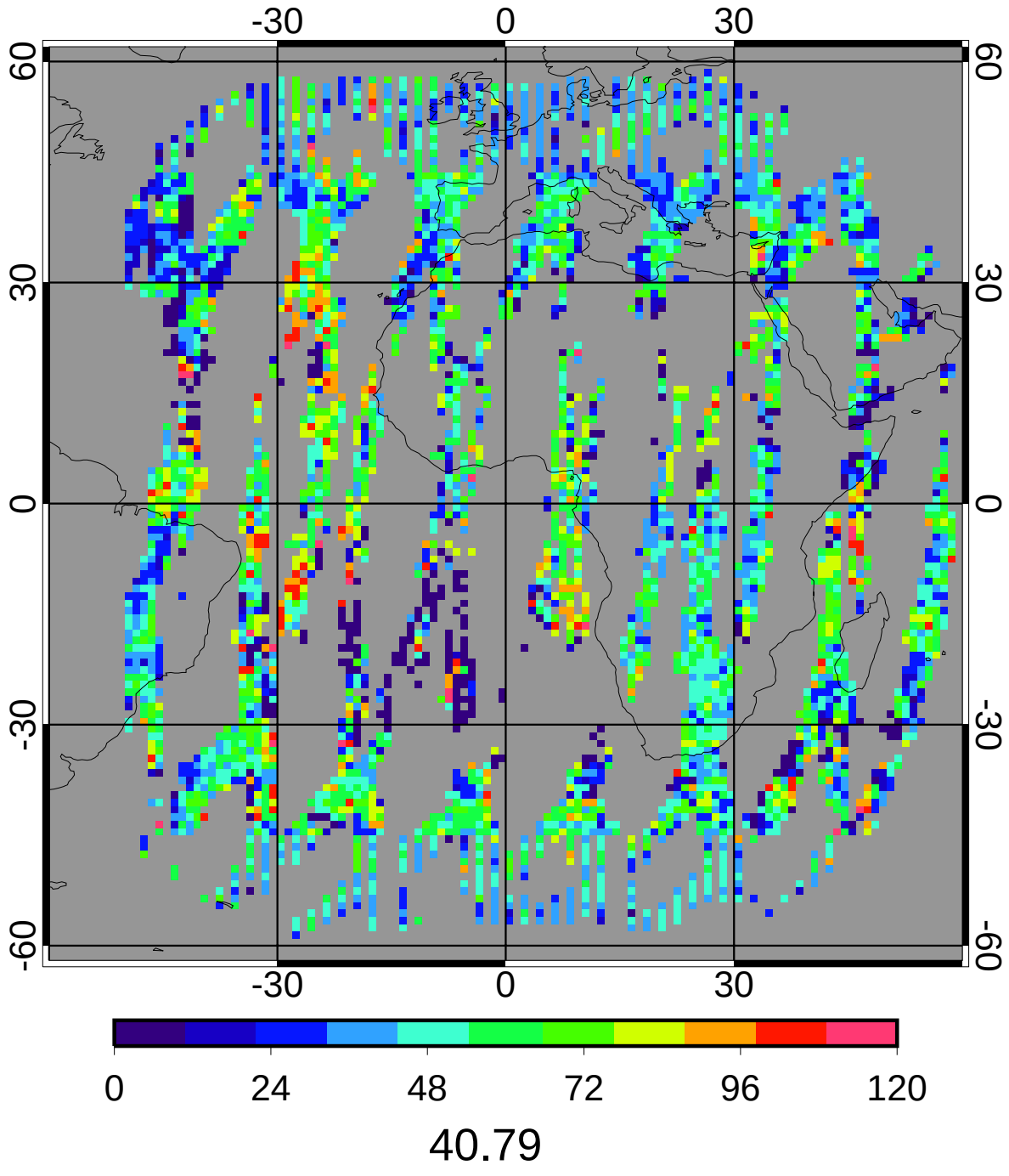
5ch Jan 2010 (matched angle) (lapse rate)



52.79

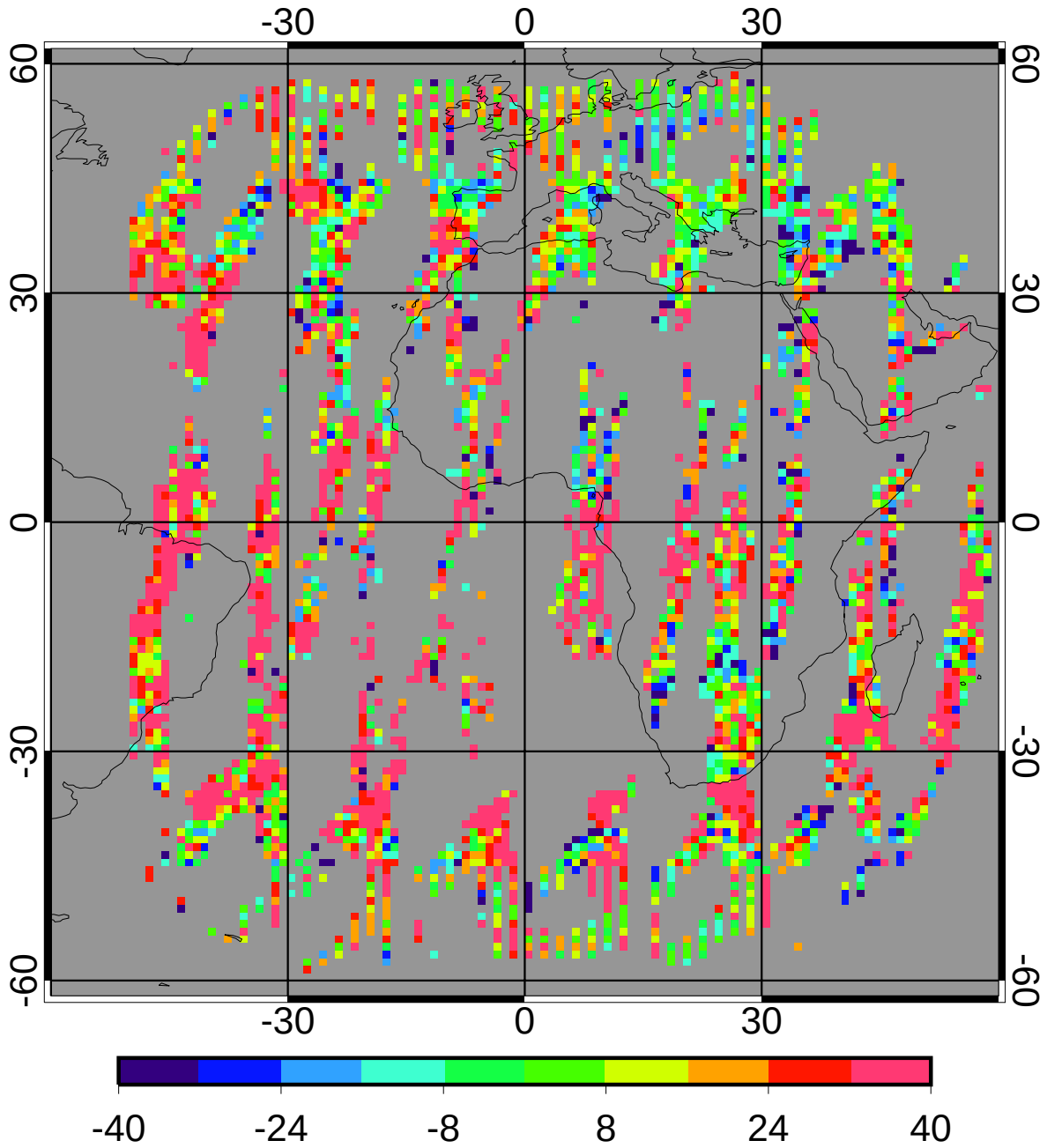
CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

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



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

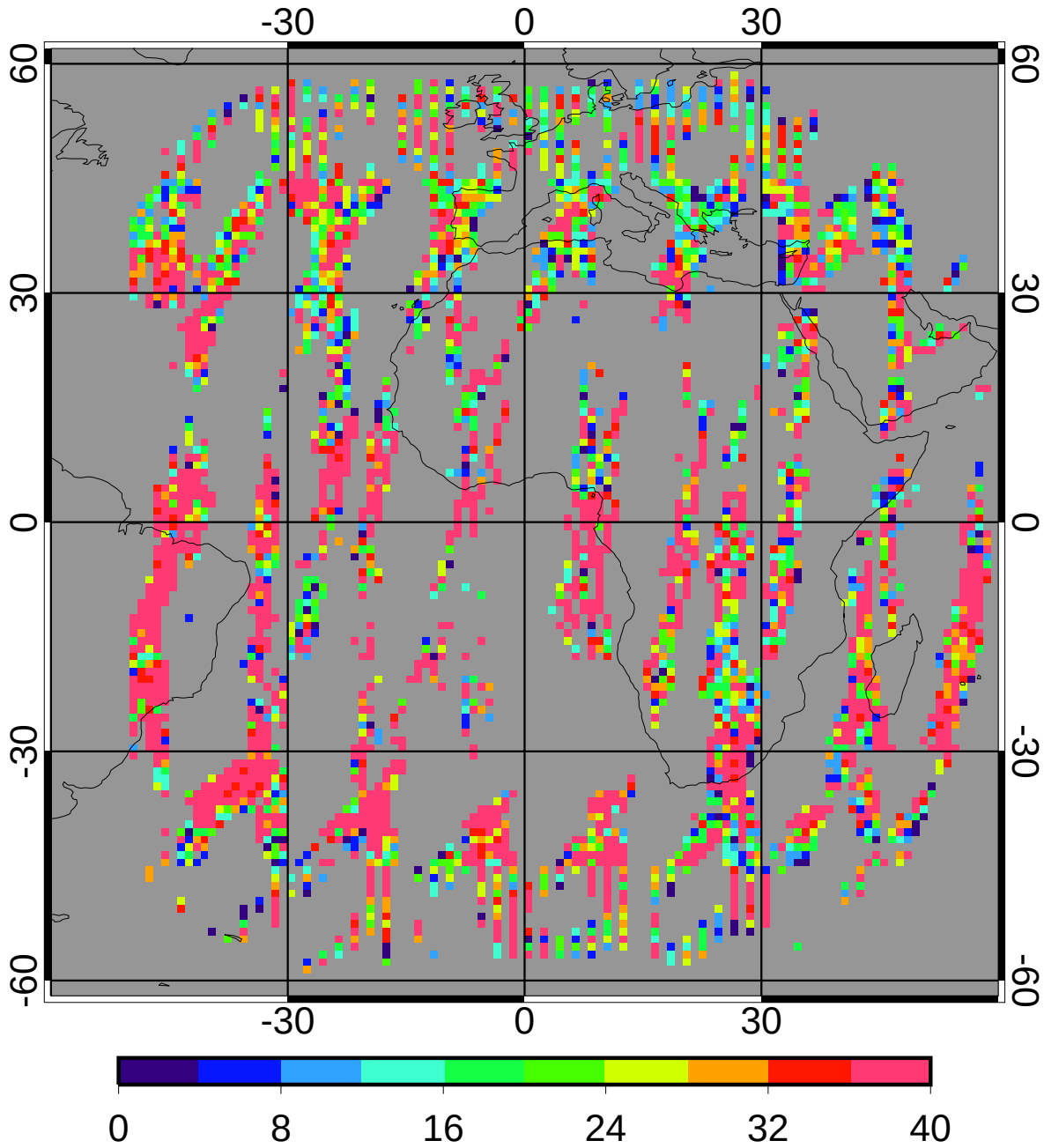
5ch Jan 2010 (matched angle) (lapse rate)



bias	14.37	35.21%
domain sigma	28.34	69.47%

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

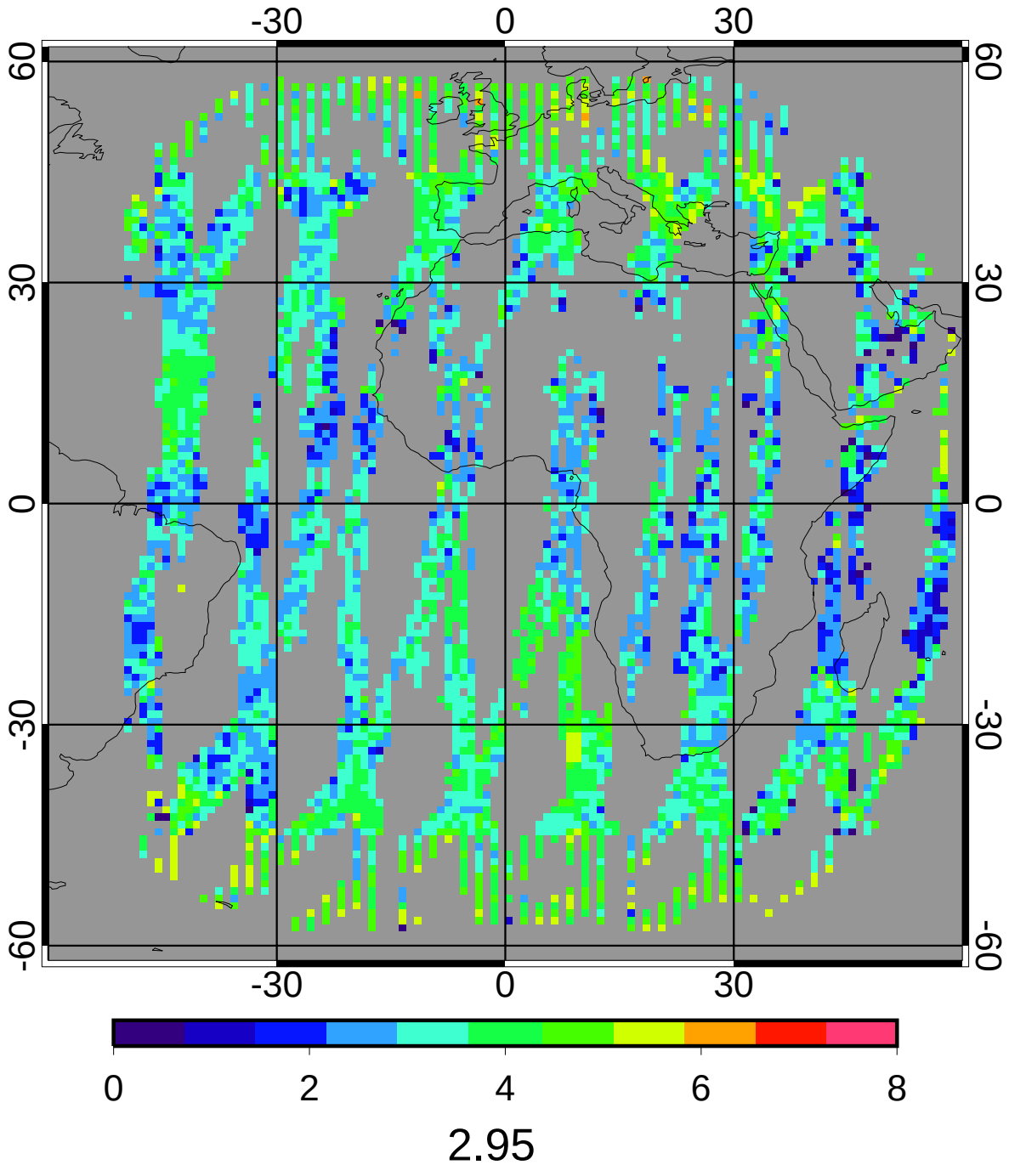
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	25.37	62.19%
domain rms	36.79	90.18%

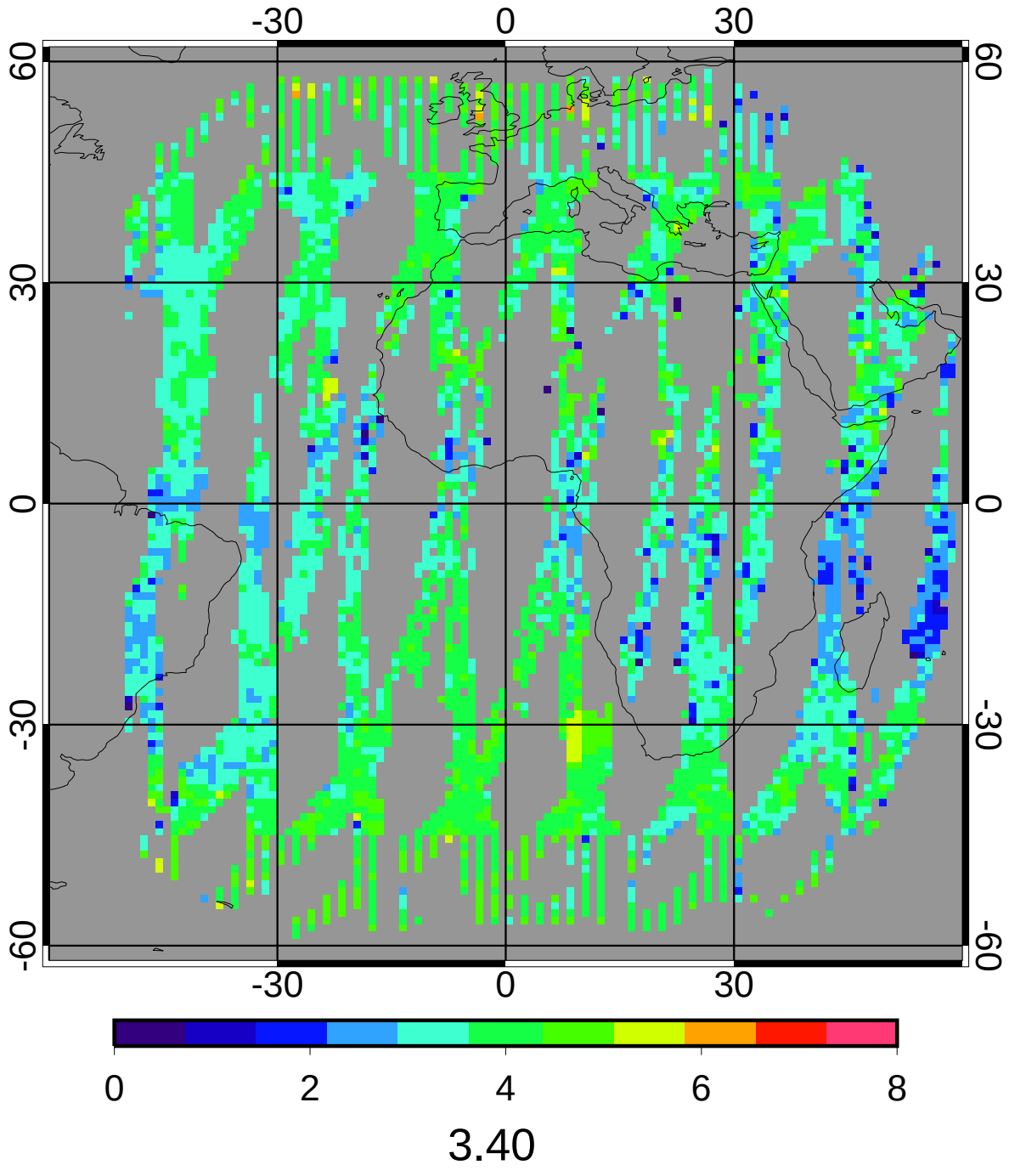
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

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



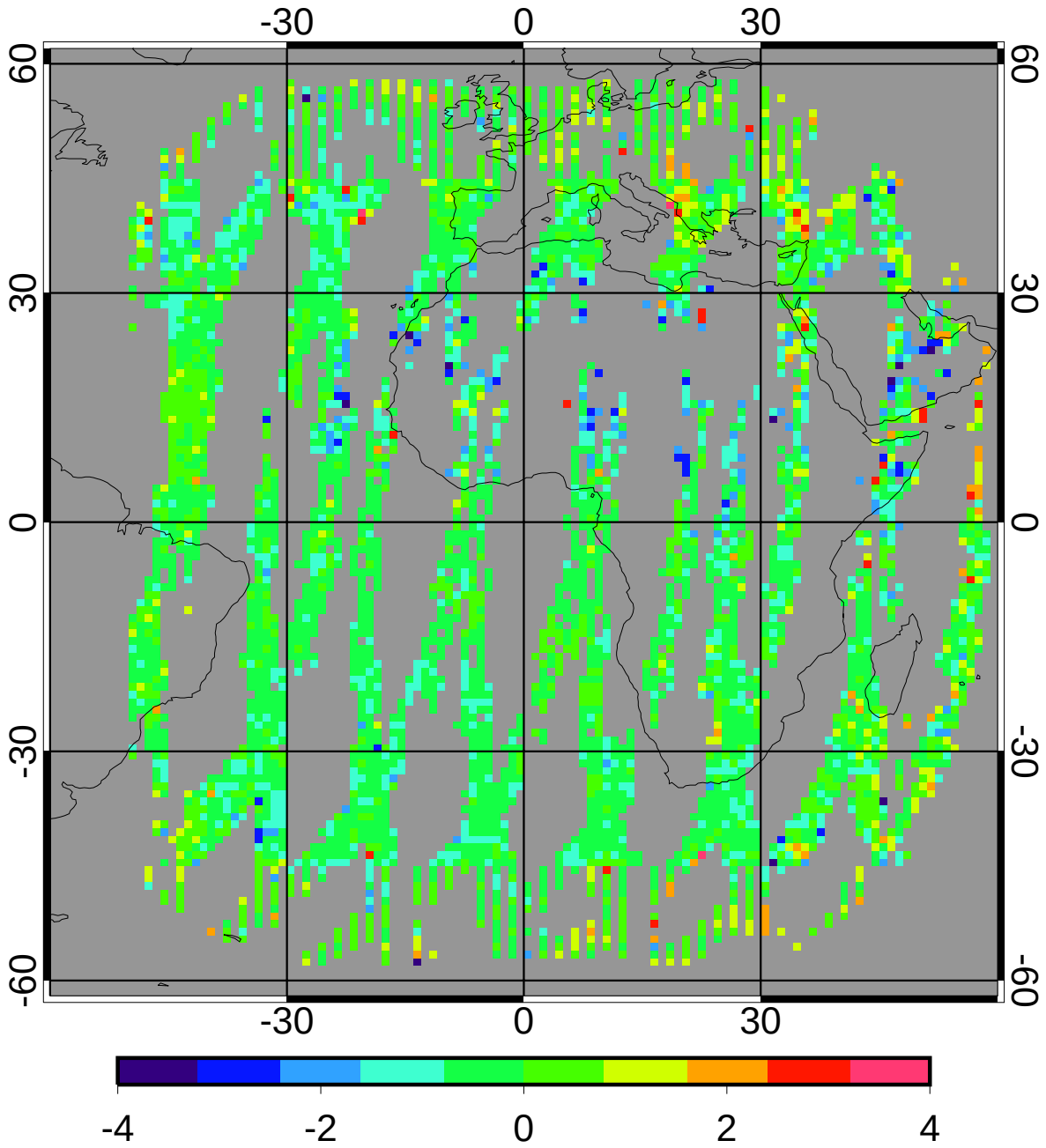
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

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



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

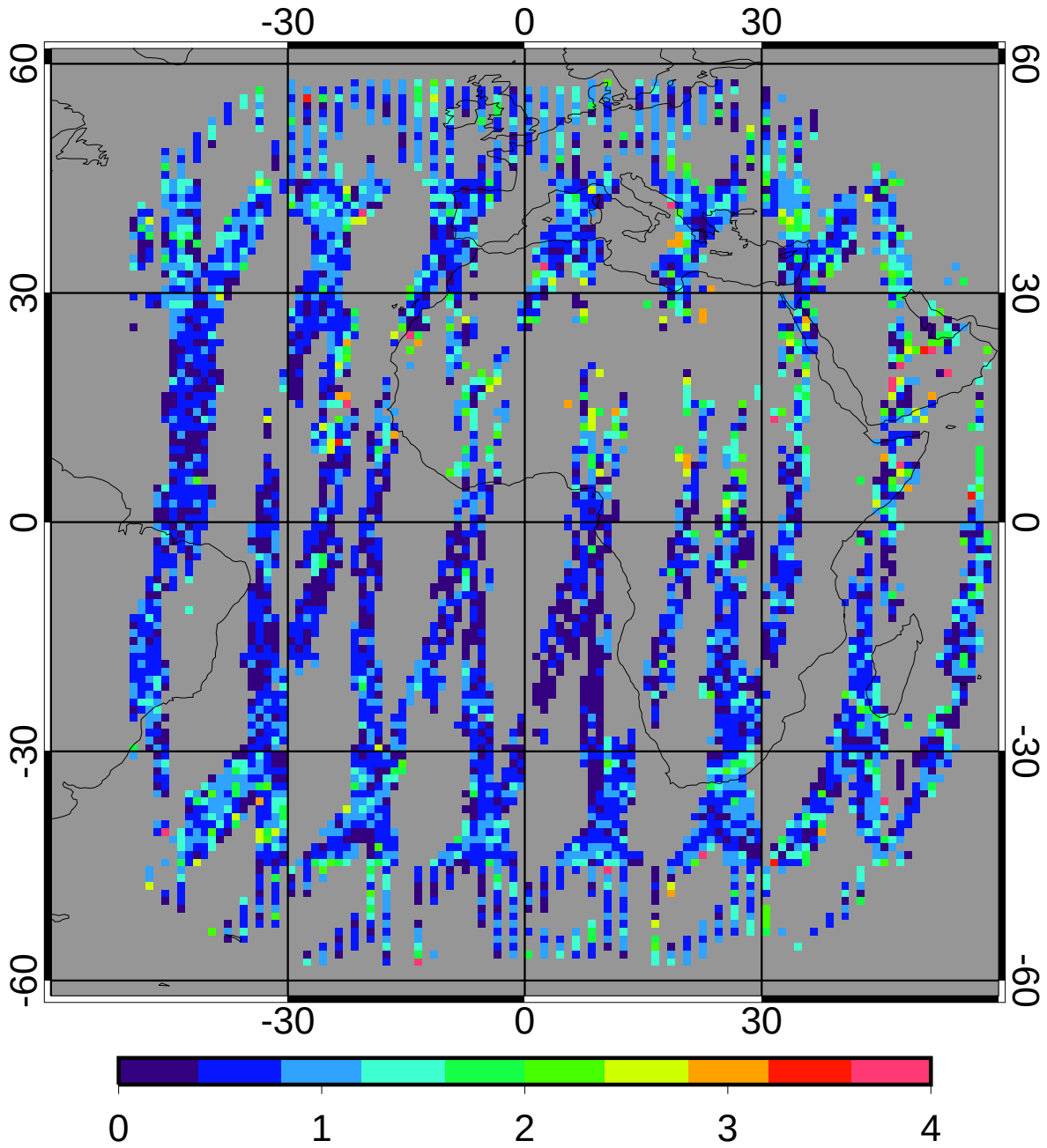
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.26	-7.65%
domain sigma	0.70	20.51%

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

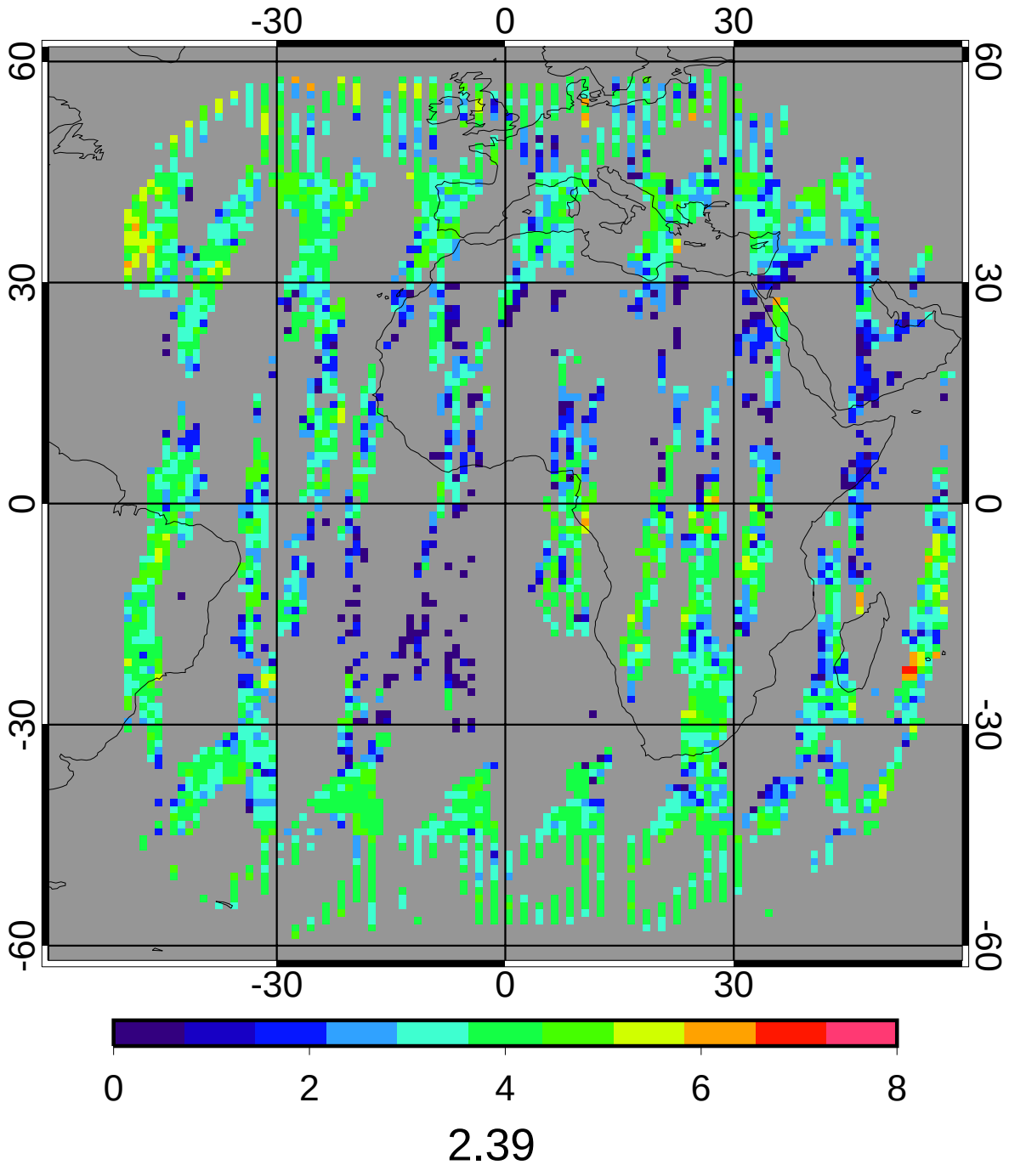
5ch Jan 2010 (matched angle) (lapse rate)



regave rms	0.71	20.86%
domain rms	0.88	25.75%

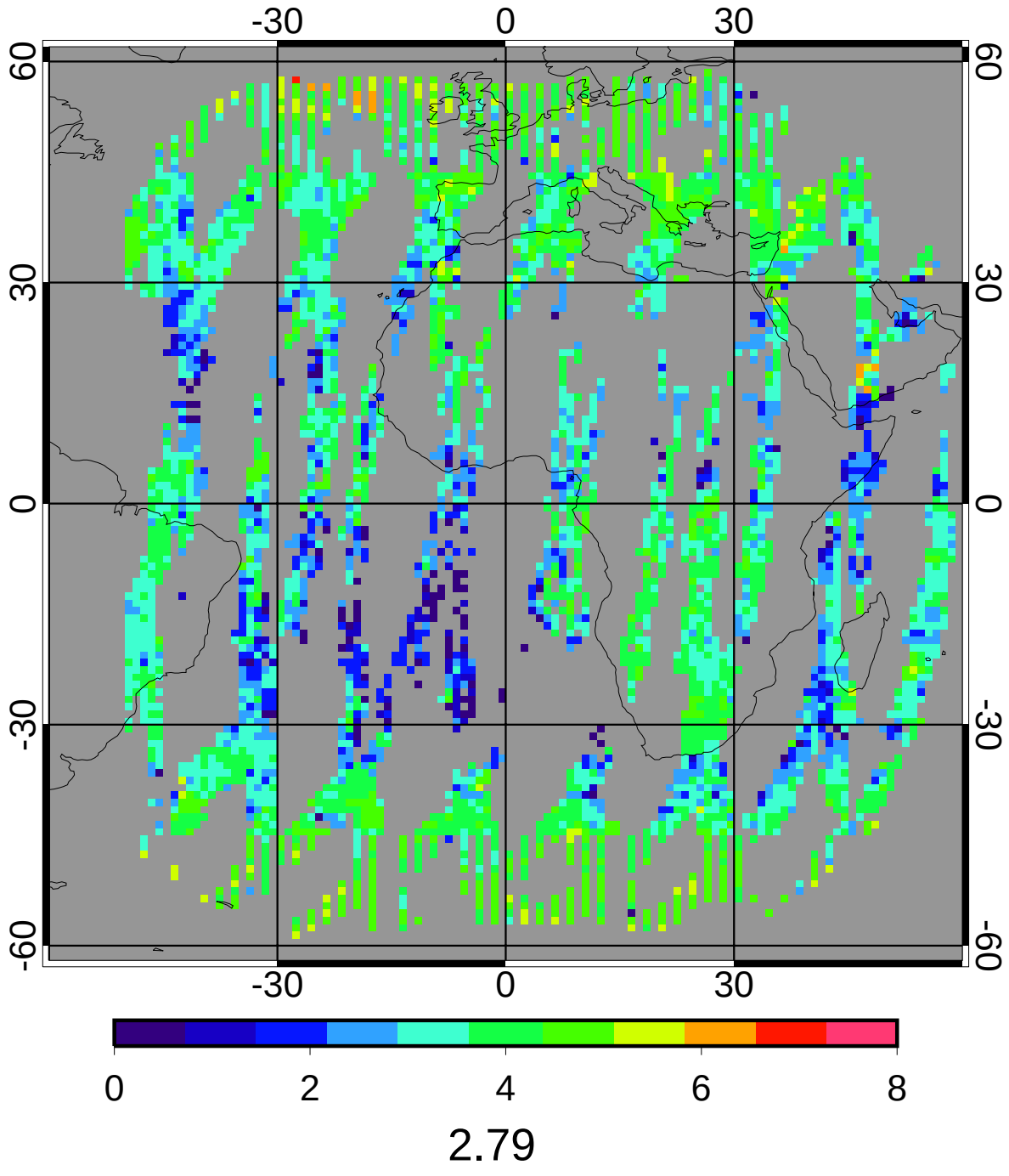
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

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



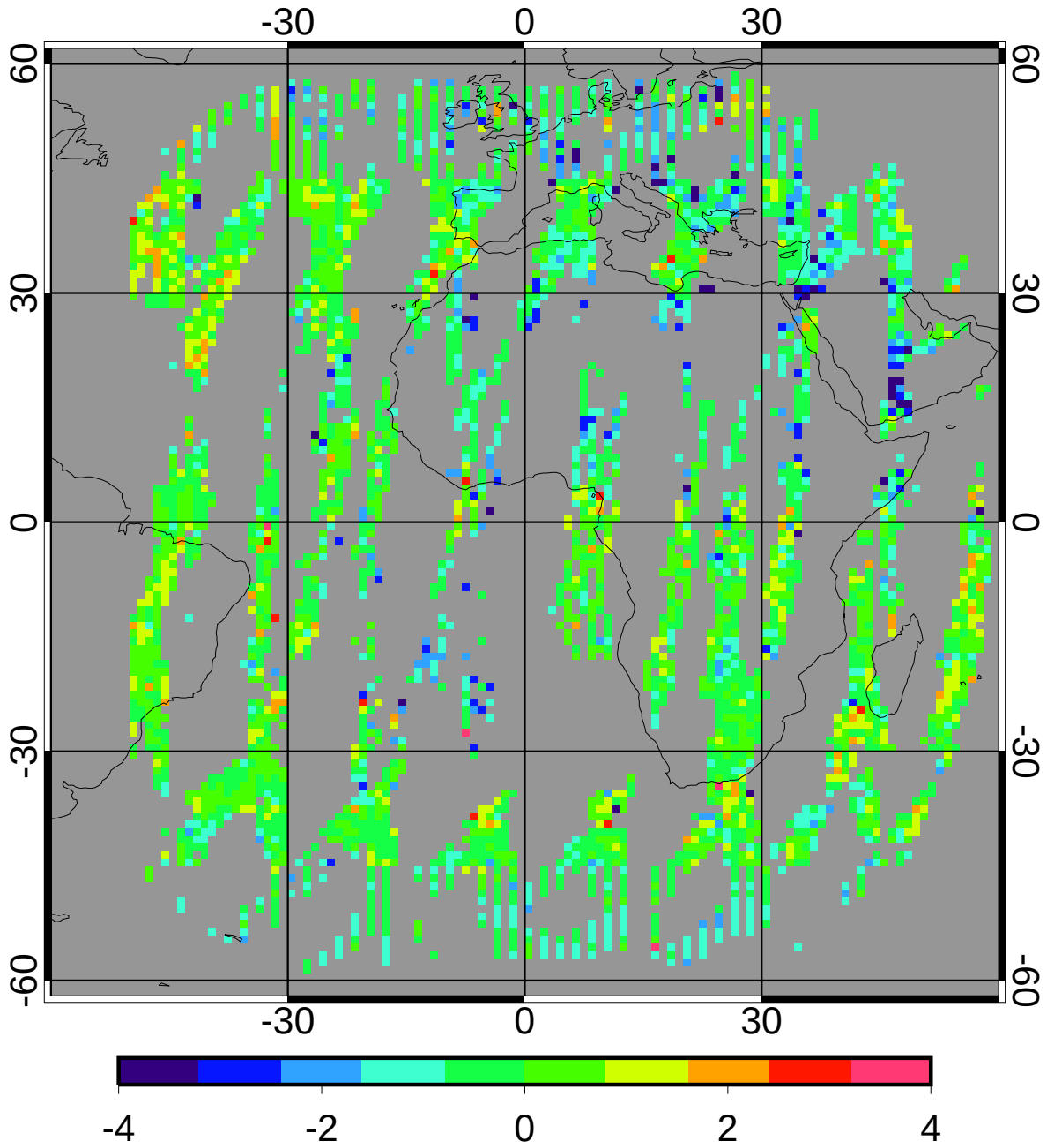
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

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



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

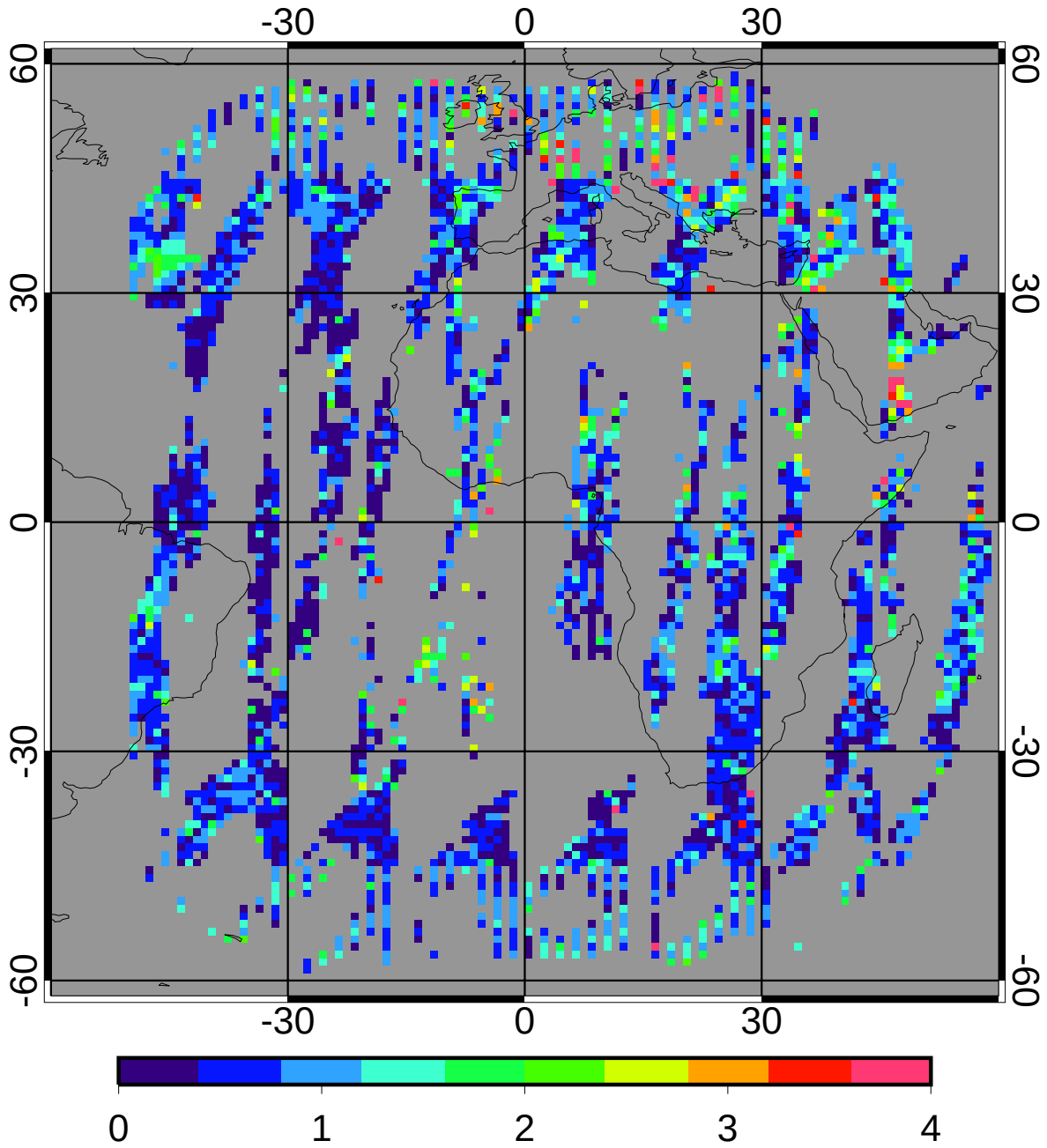
5ch Jan 2010 (matched angle) (lapse rate)



bias	-0.17	-6.20%
domain sigma	0.86	30.65%

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

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



regave rms	0.59	21.28%
domain rms	0.98	35.02%