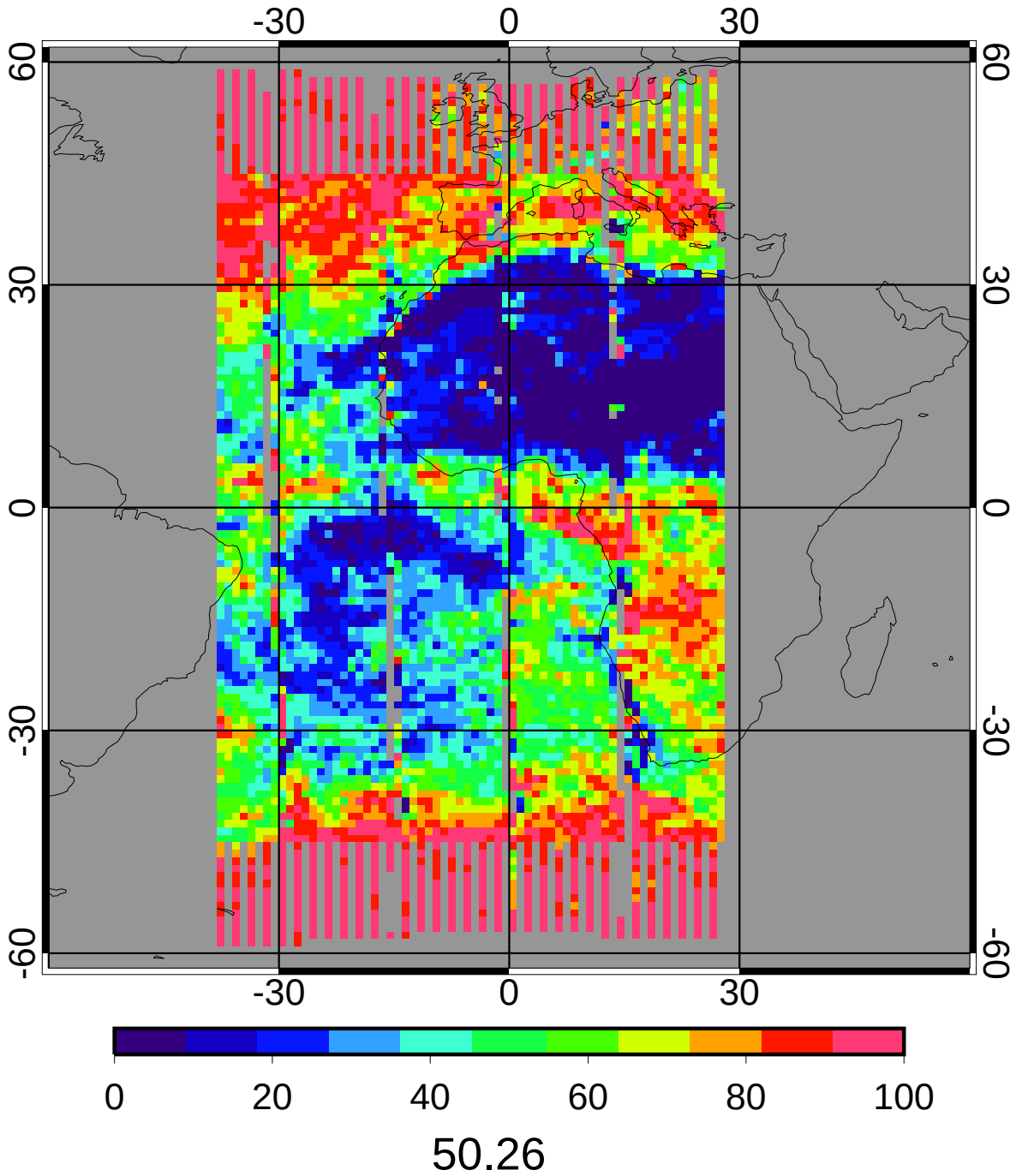
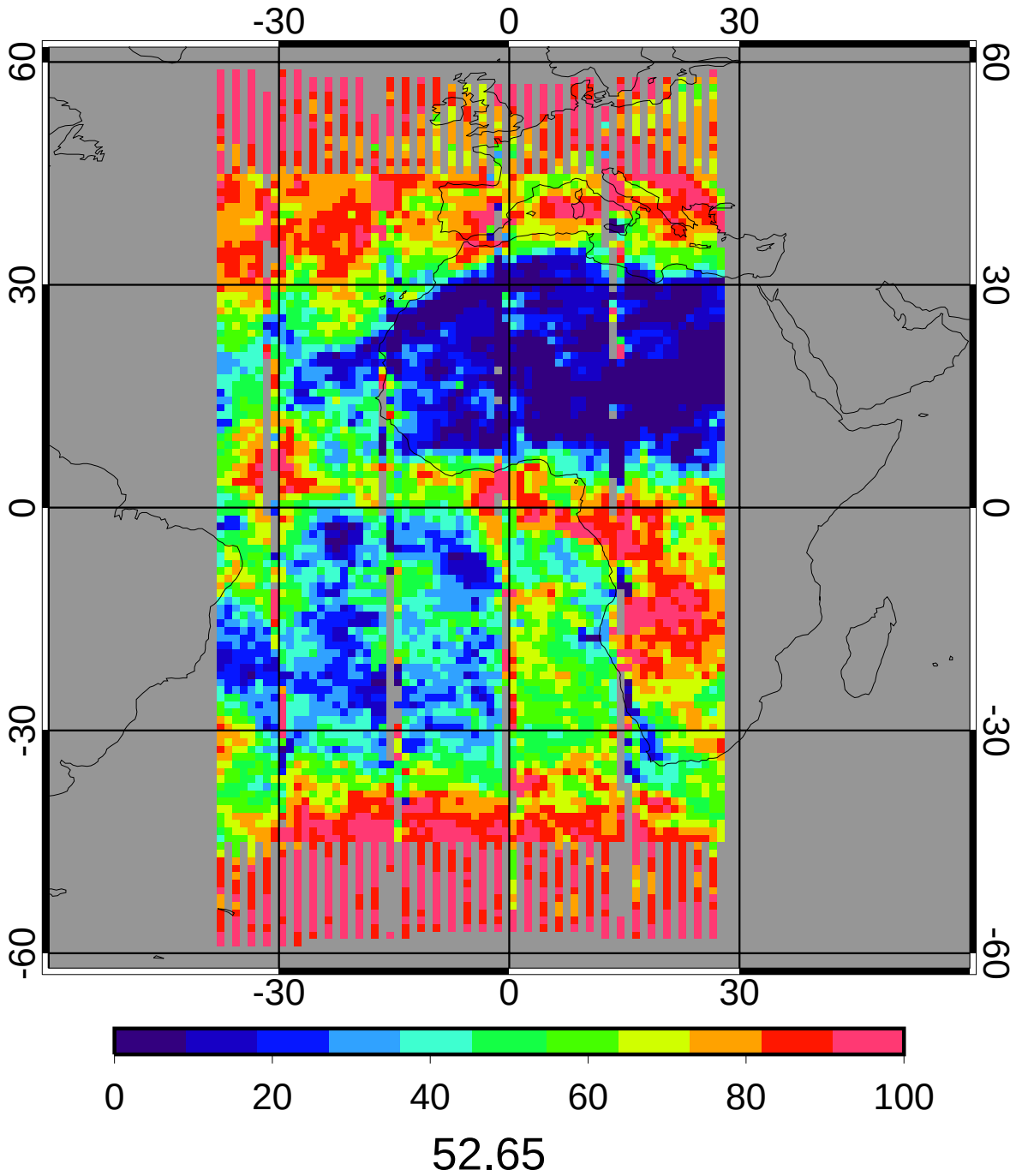
GGEO MEAN Daytime Cloud Amount (%)

5ch_V01 Jan 2010



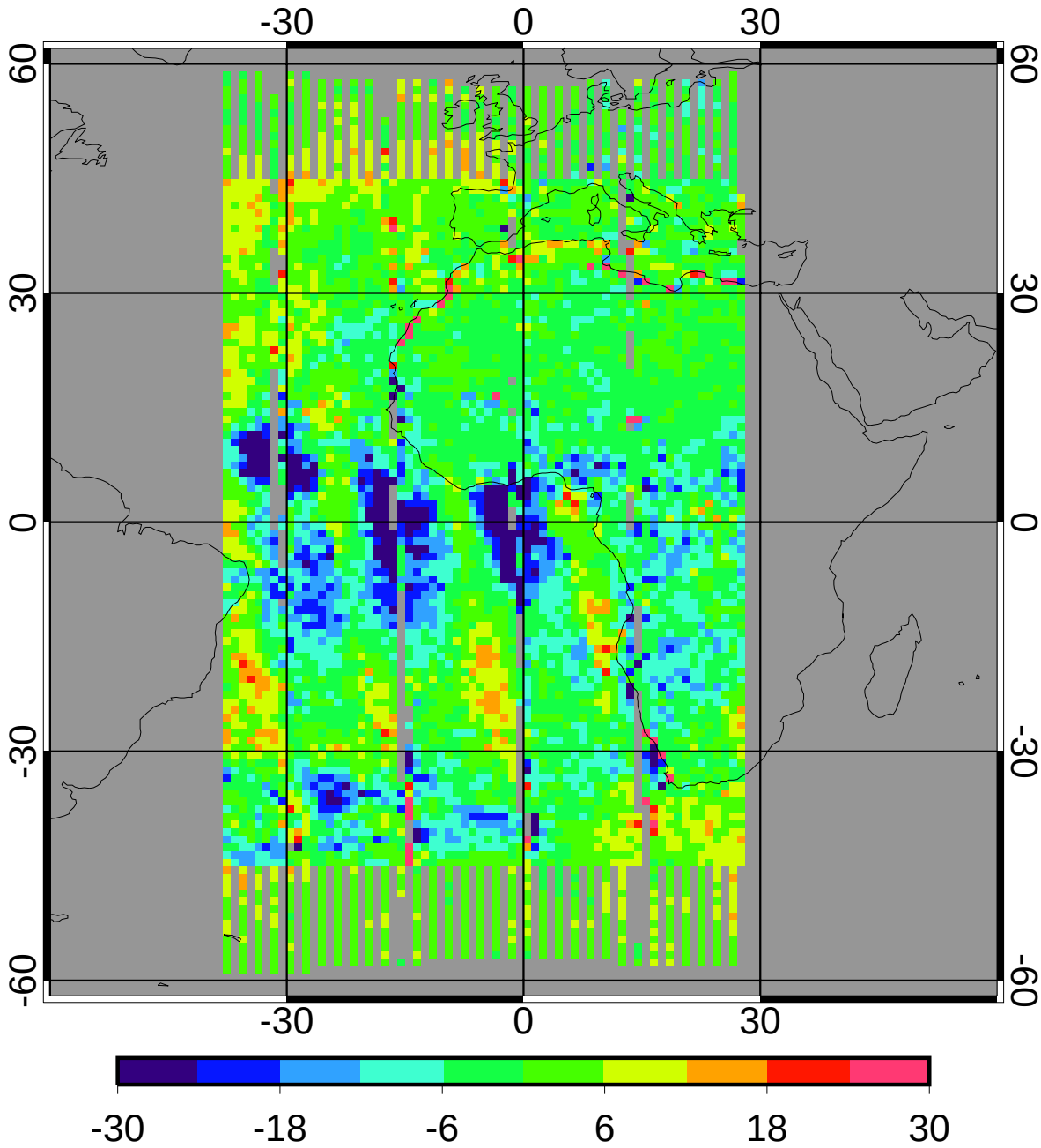
CERES/Aqua MEAN Daytime Cloud Amount (%)

5ch_V01 Jan 2010



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

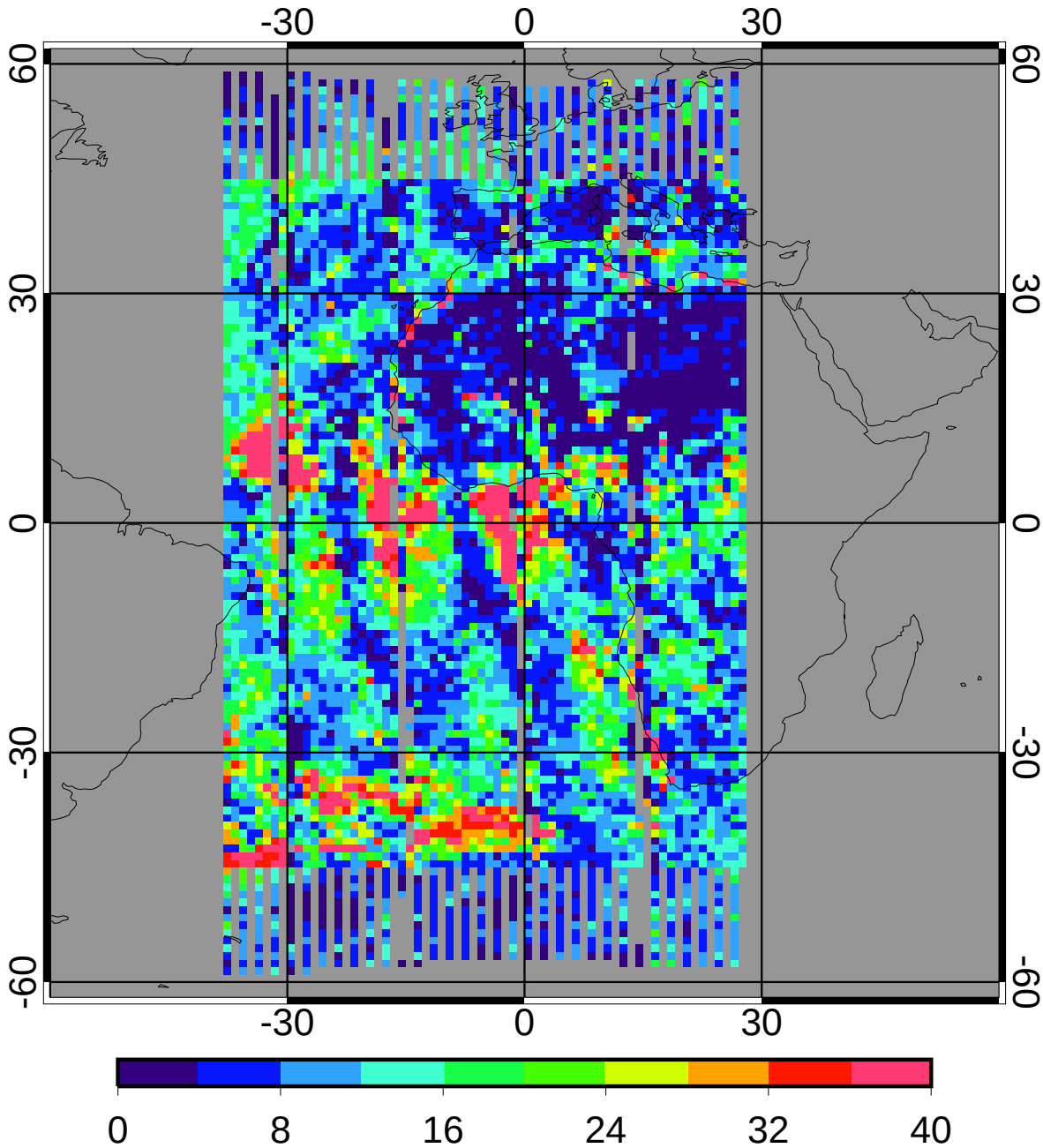
5ch_V01 Jan 2010



bias	-2.38	-4.53%
domain sigma	8.92	16.94%

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

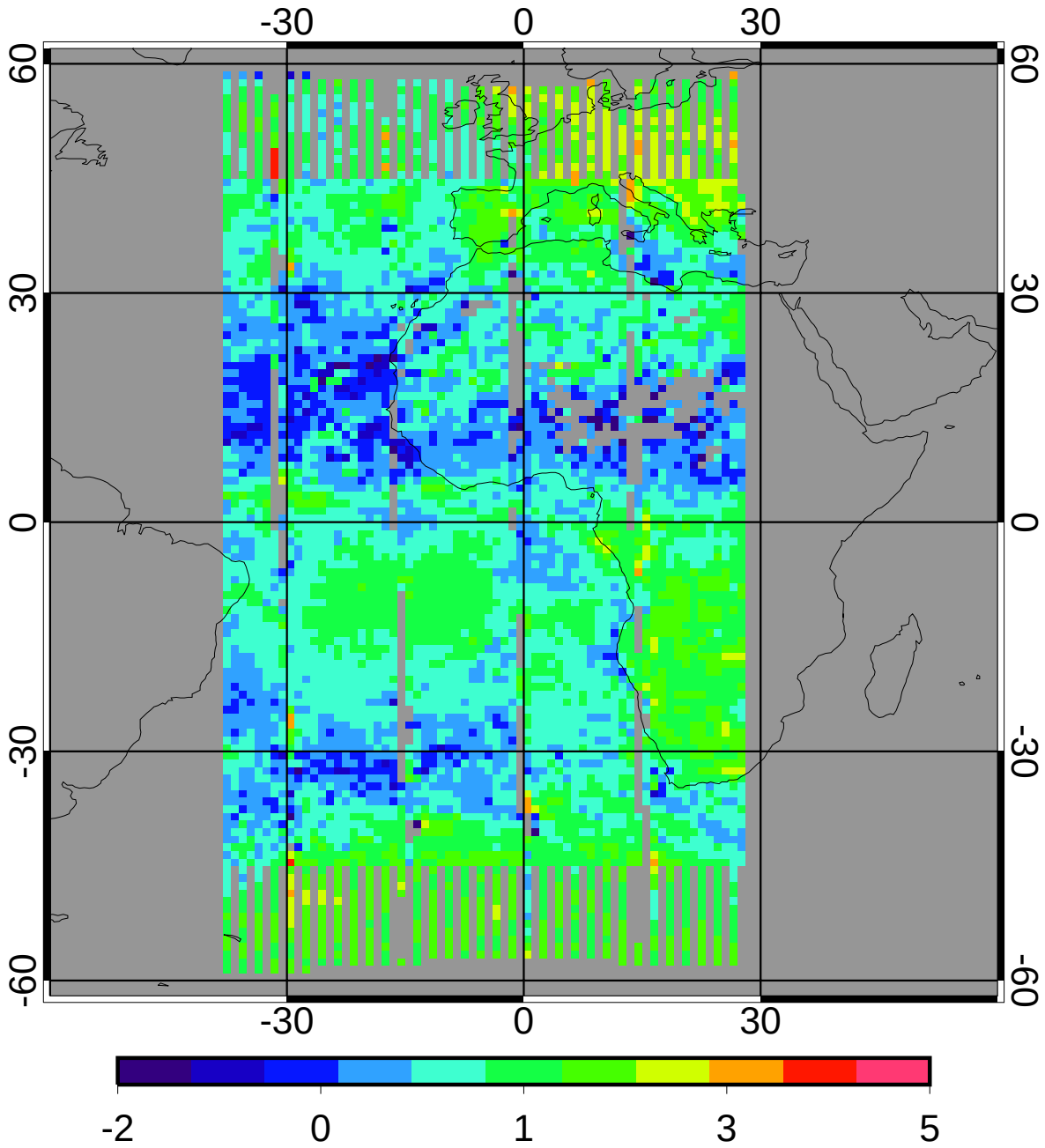
5ch_V01 Jan 2010



regave rms	12.46	23.67%
domain rms	14.73	27.98%

GGEO MEAN Daytime Log Optical Depth

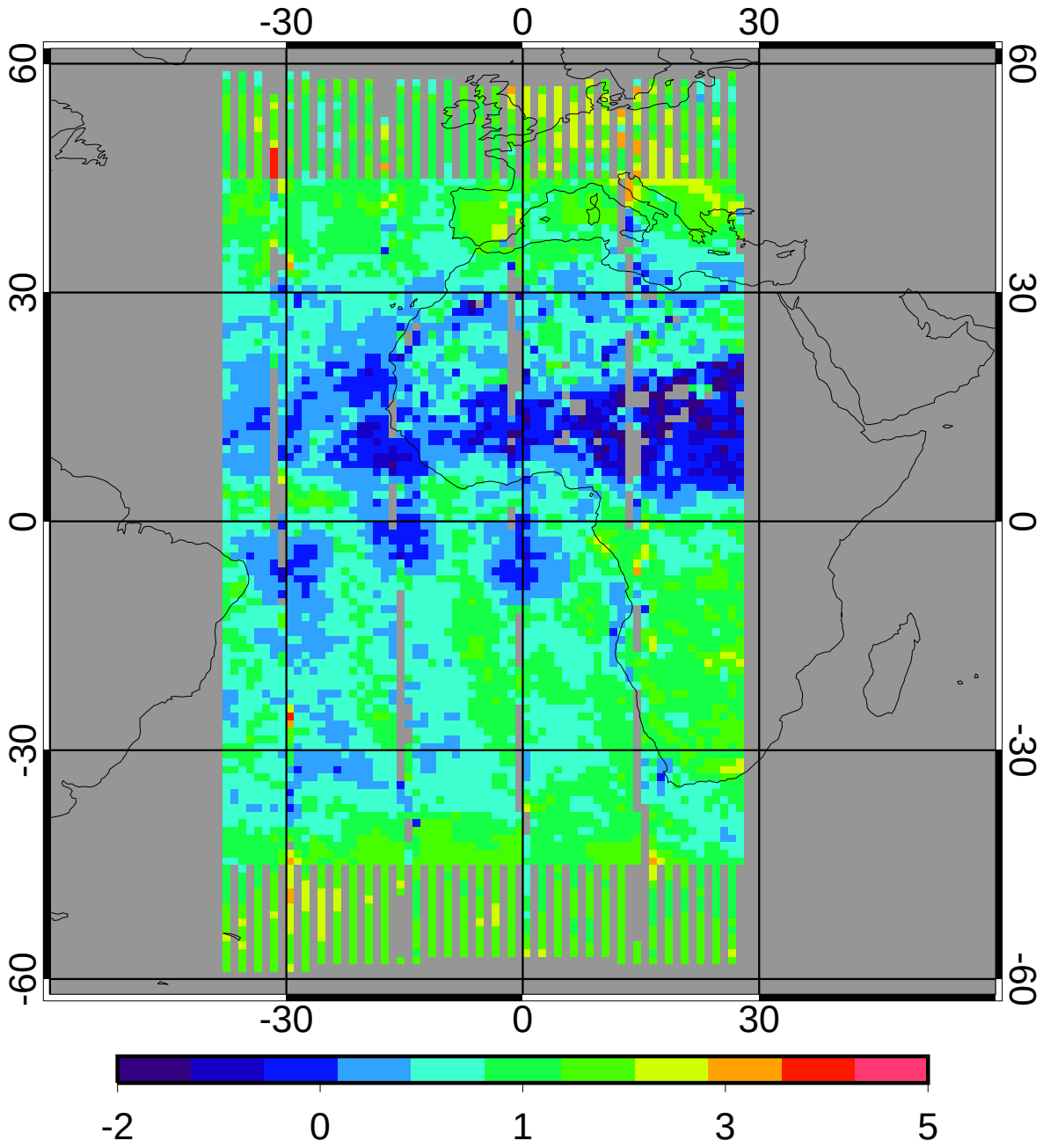
5ch_V01 Jan 2010



0.92

CERES/Aqua MEAN Daytime Log Optical Depth

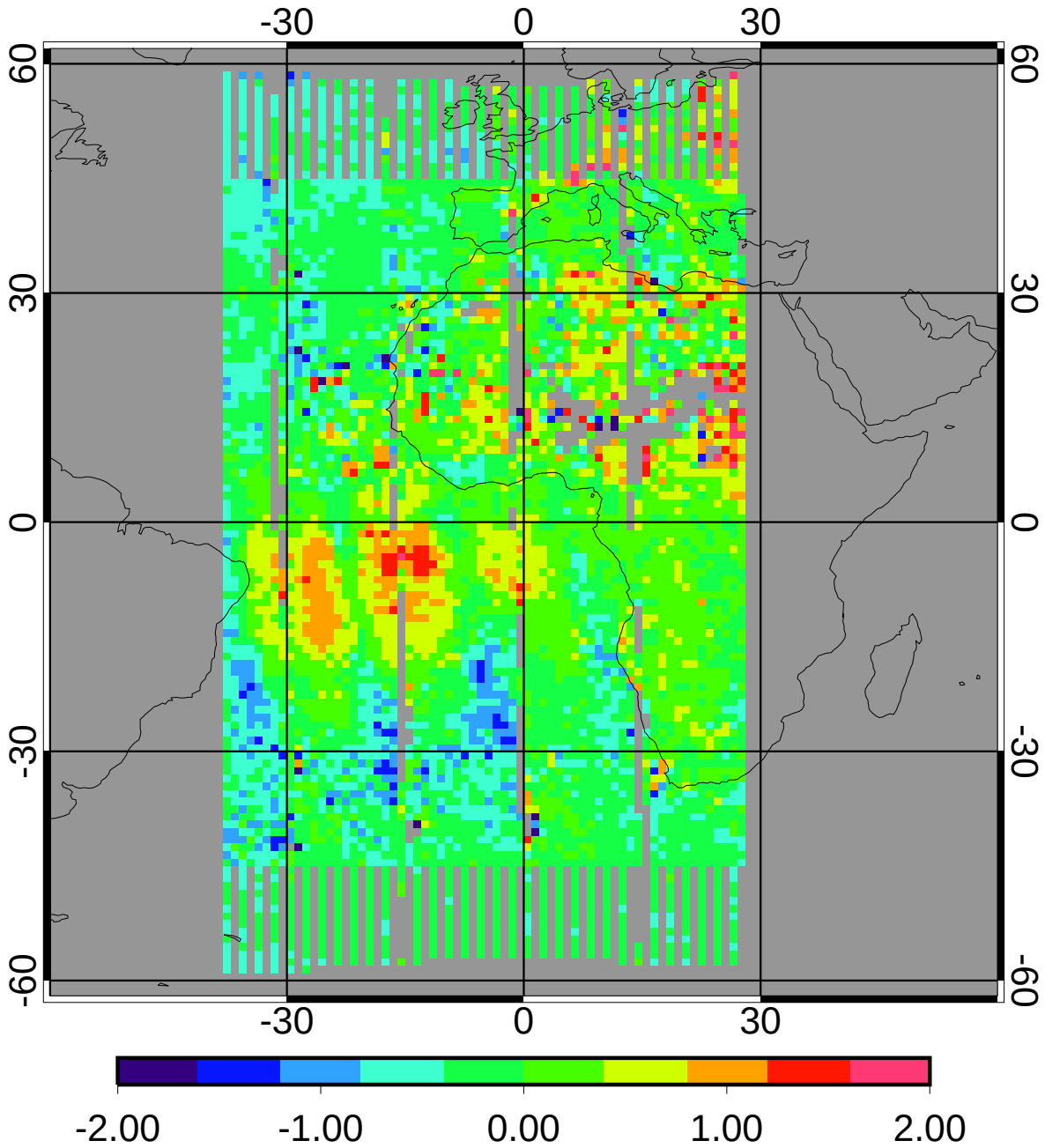
5ch_V01 Jan 2010



0.93

GGEO - CERES/Aqua Daytime Log Optical Depth Bias

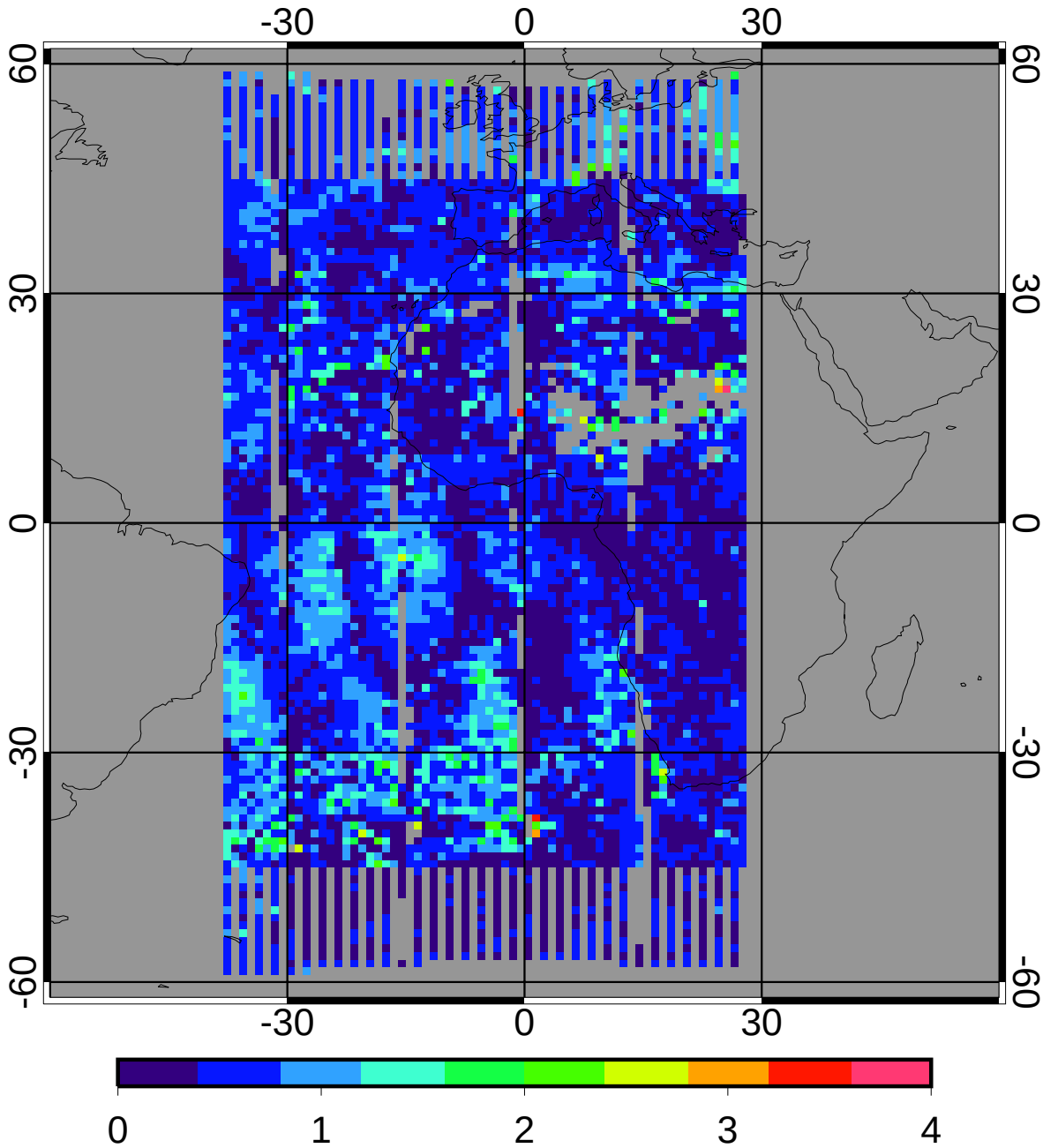
5ch_V01 Jan 2010



bias	-0.02	-2.07%
domain sigma	0.45	48.61%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

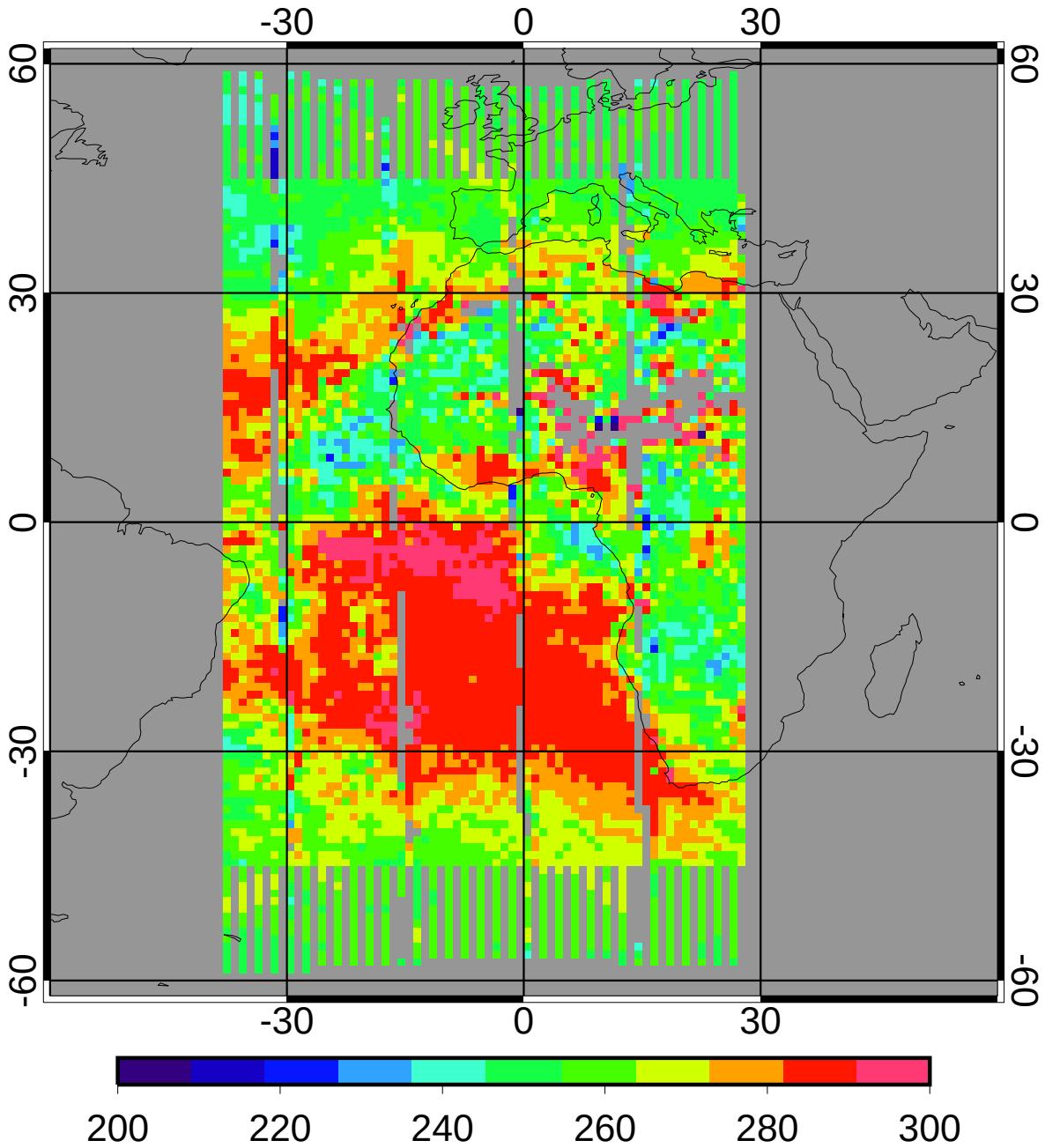
5ch_V01 Jan 2010



regave rms	0.56	60.08%
domain rms	0.62	67.06%

GGEO MEAN Daytime Cloud Temperature (K)

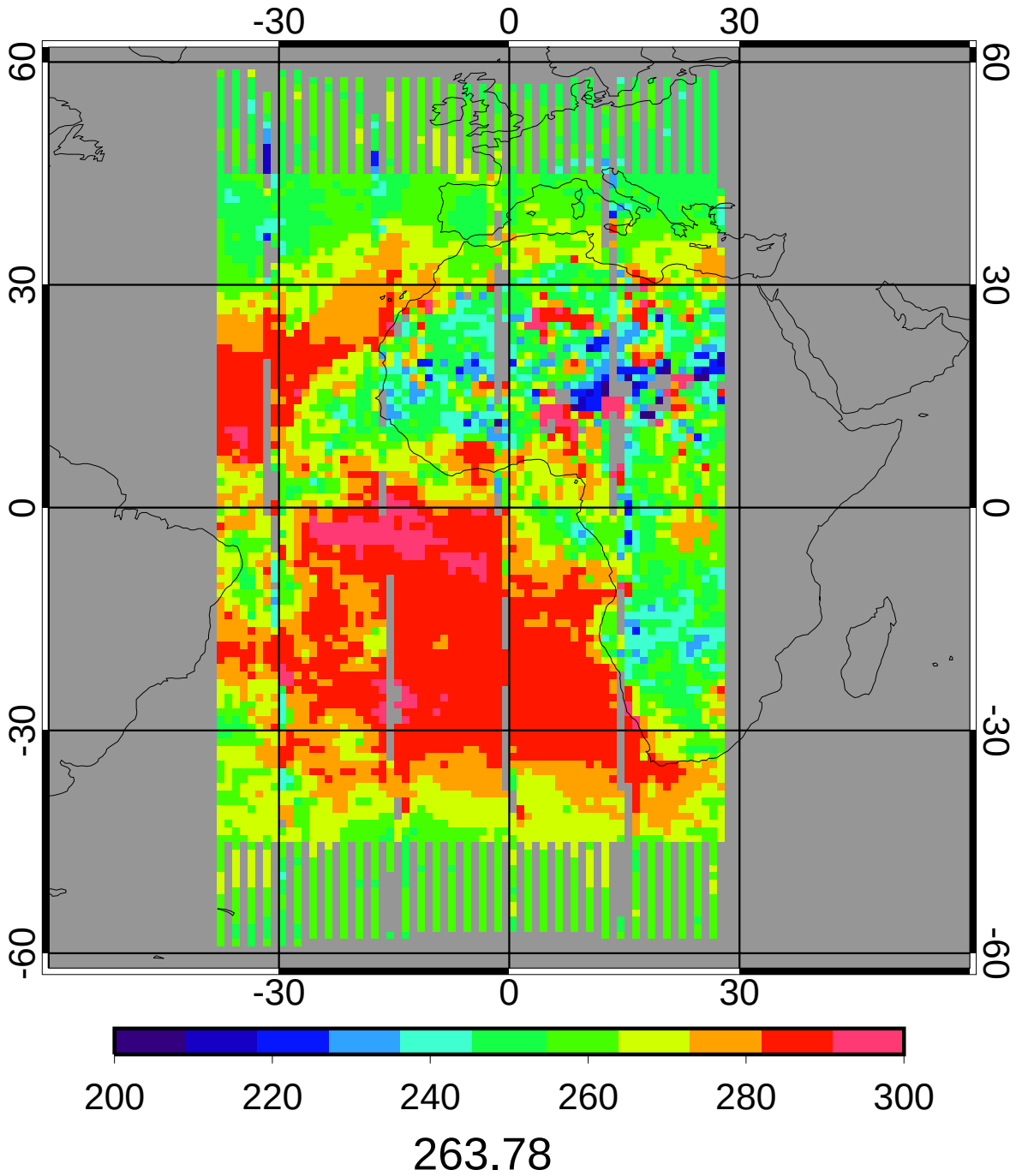
5ch_V01 Jan 2010



259.13

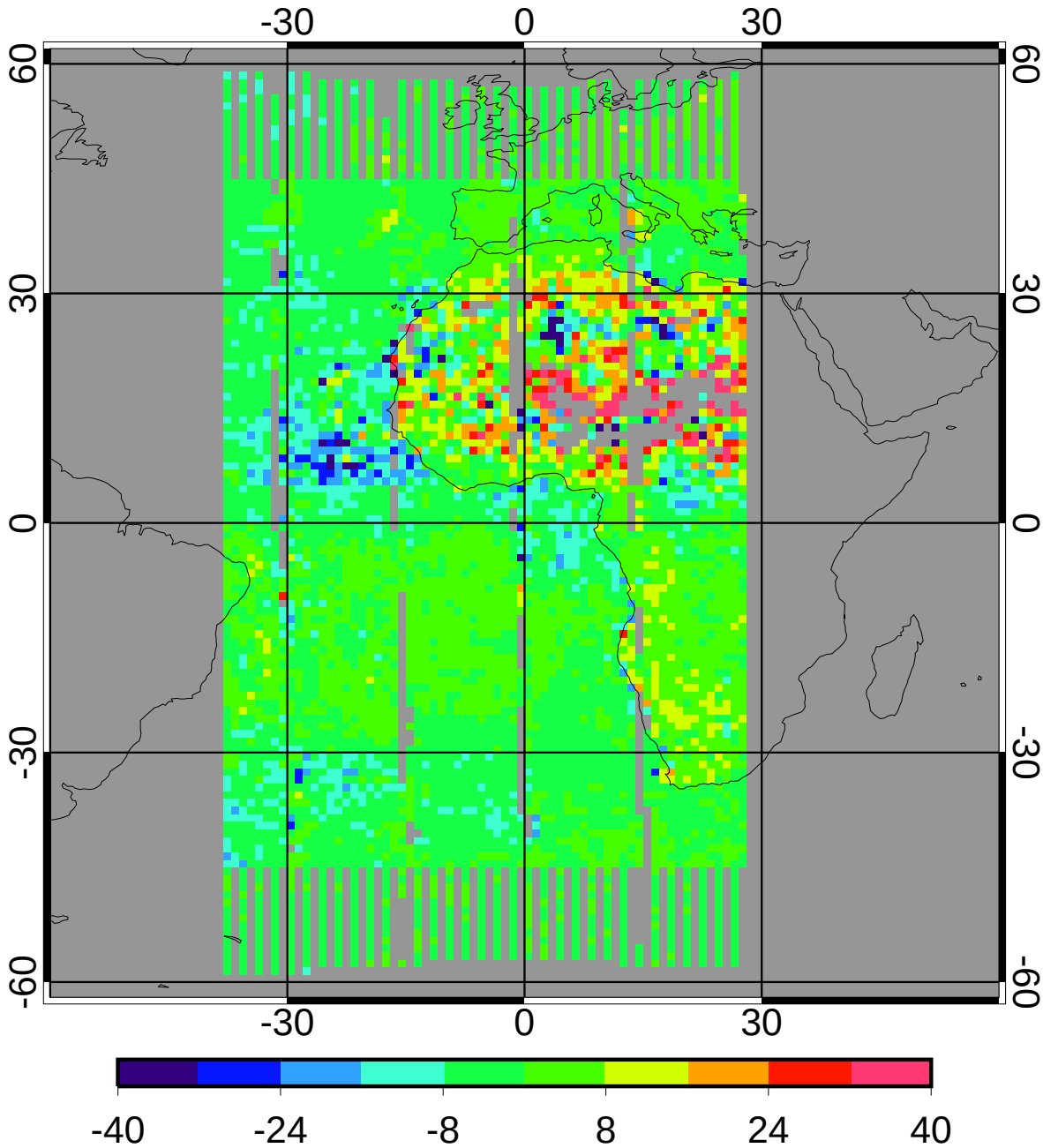
CERES/Aqua MEAN Daytime Cloud Temperature (K)

5ch_V01 Jan 2010



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

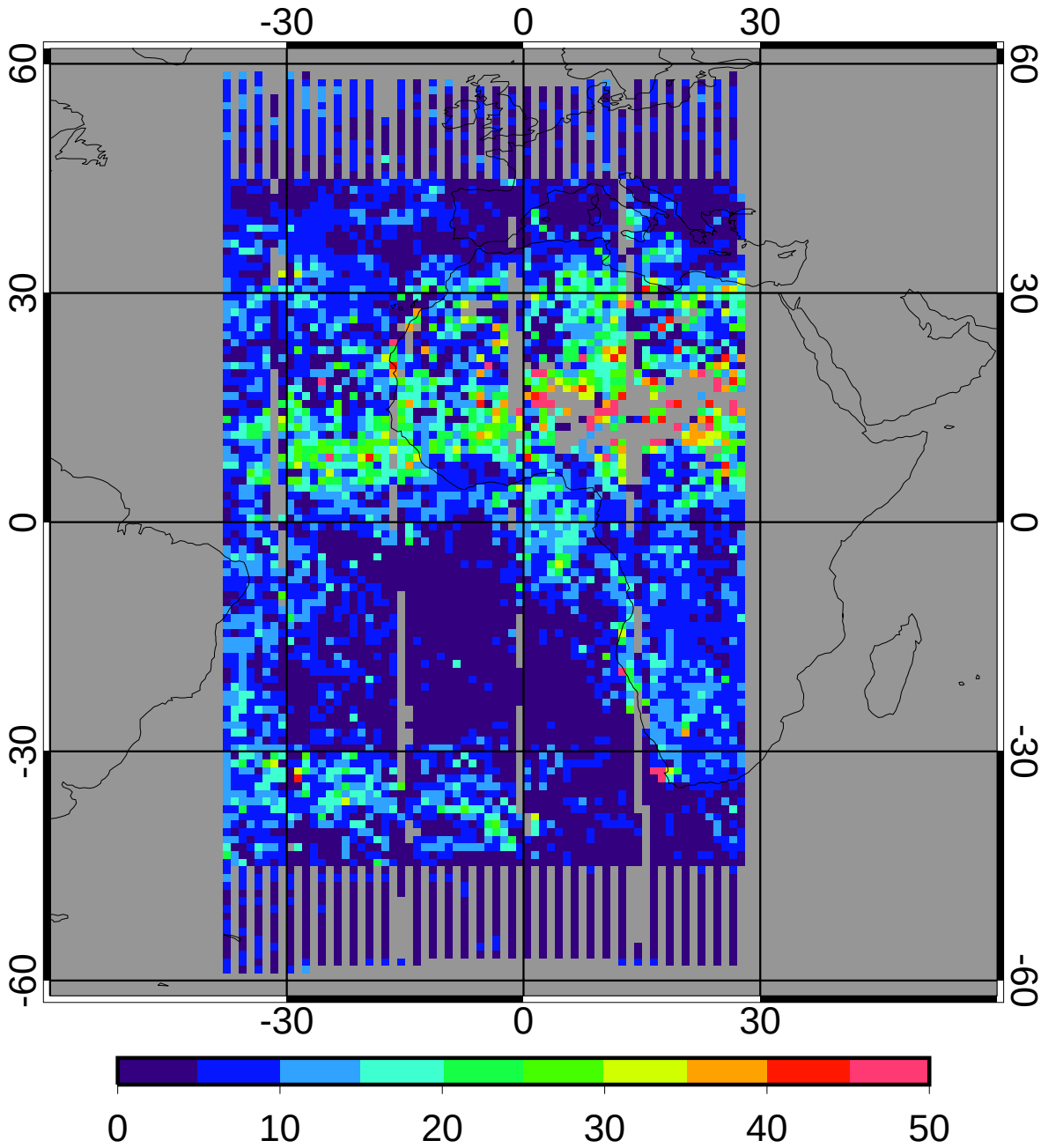
5ch_V01 Jan 2010



bias	-0.49	-0.18%
domain sigma	8.69	3.30%

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

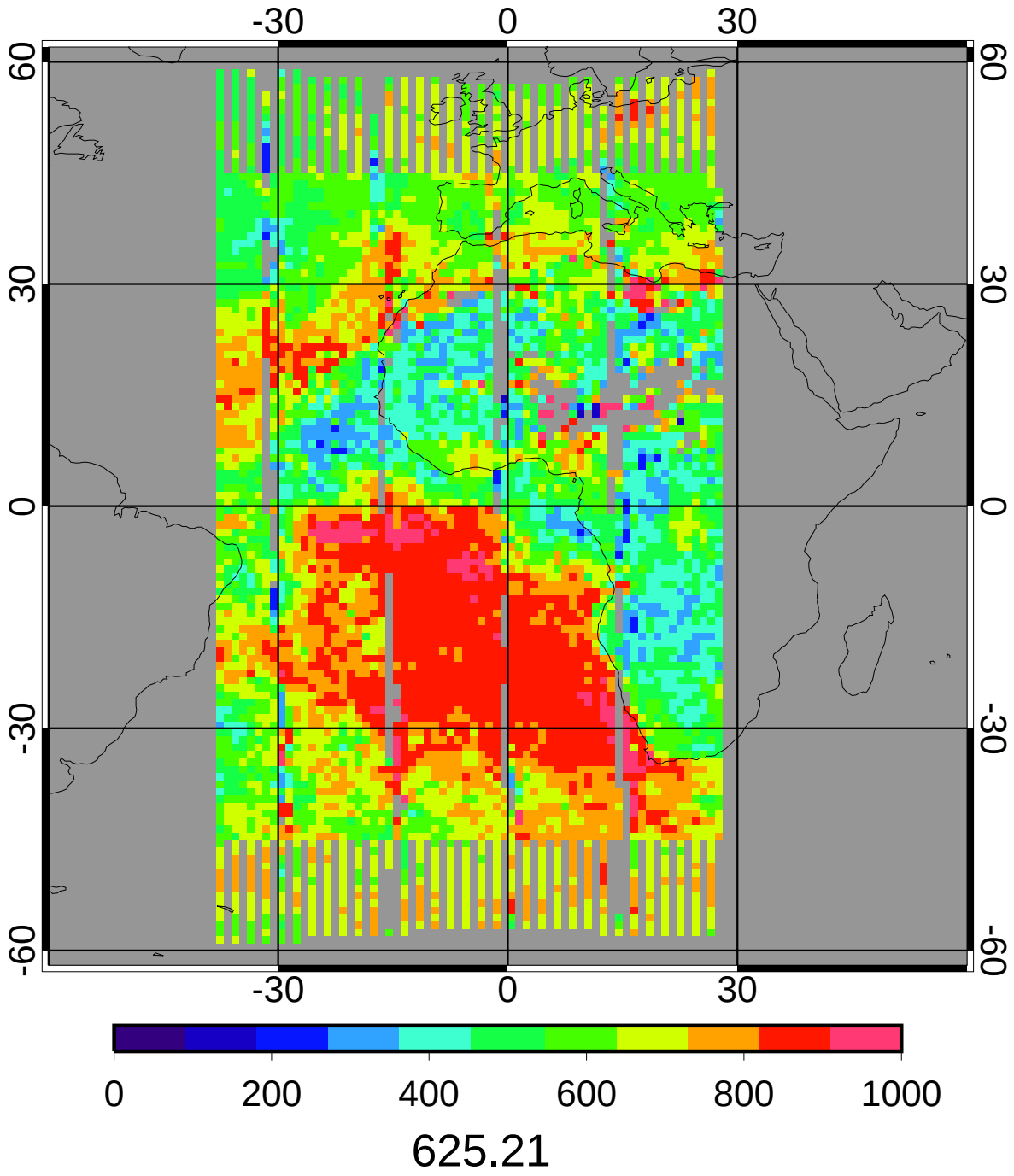
5ch_V01 Jan 2010



regave rms	8.41	3.19%
domain rms	9.10	3.45%

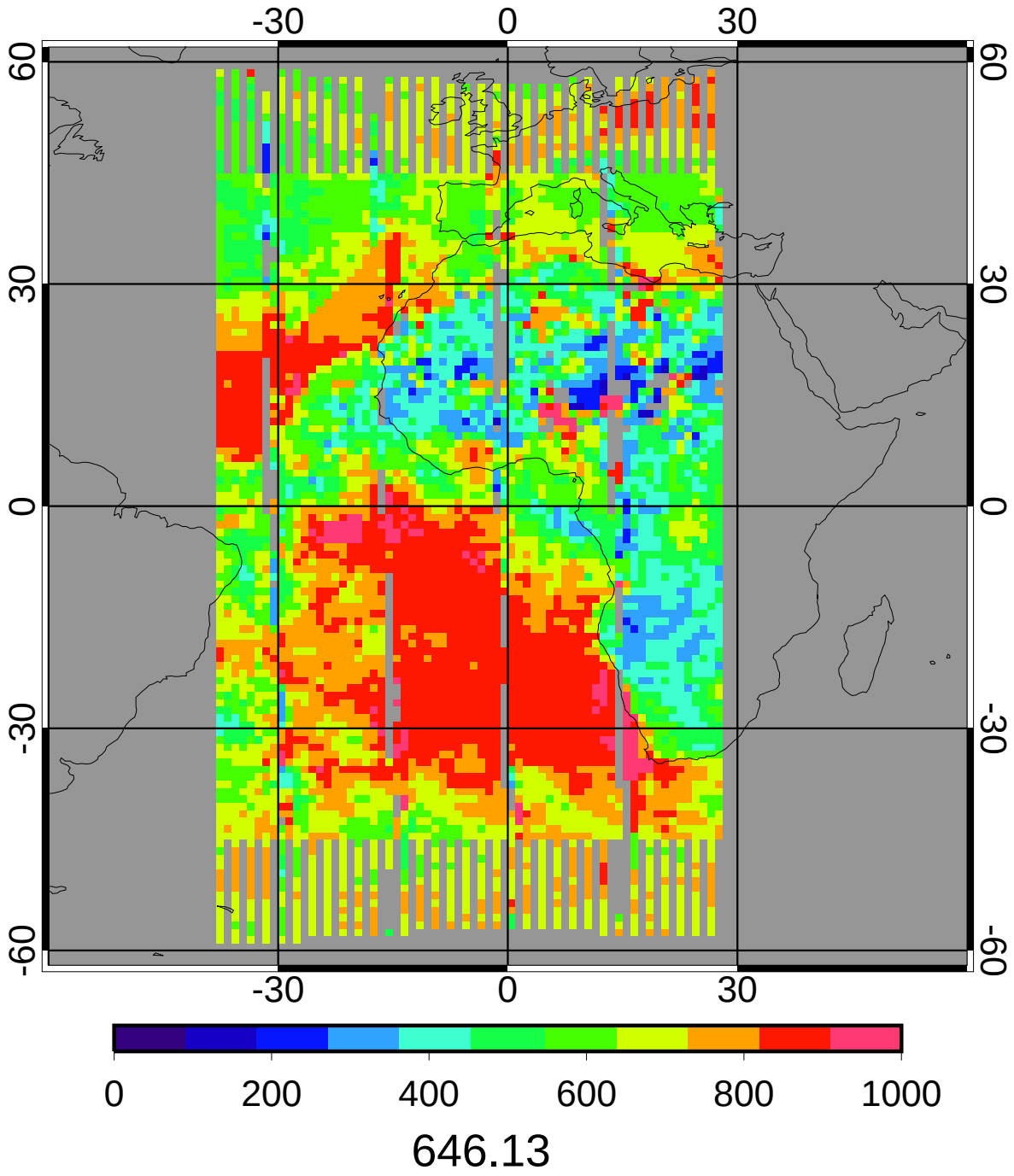
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010



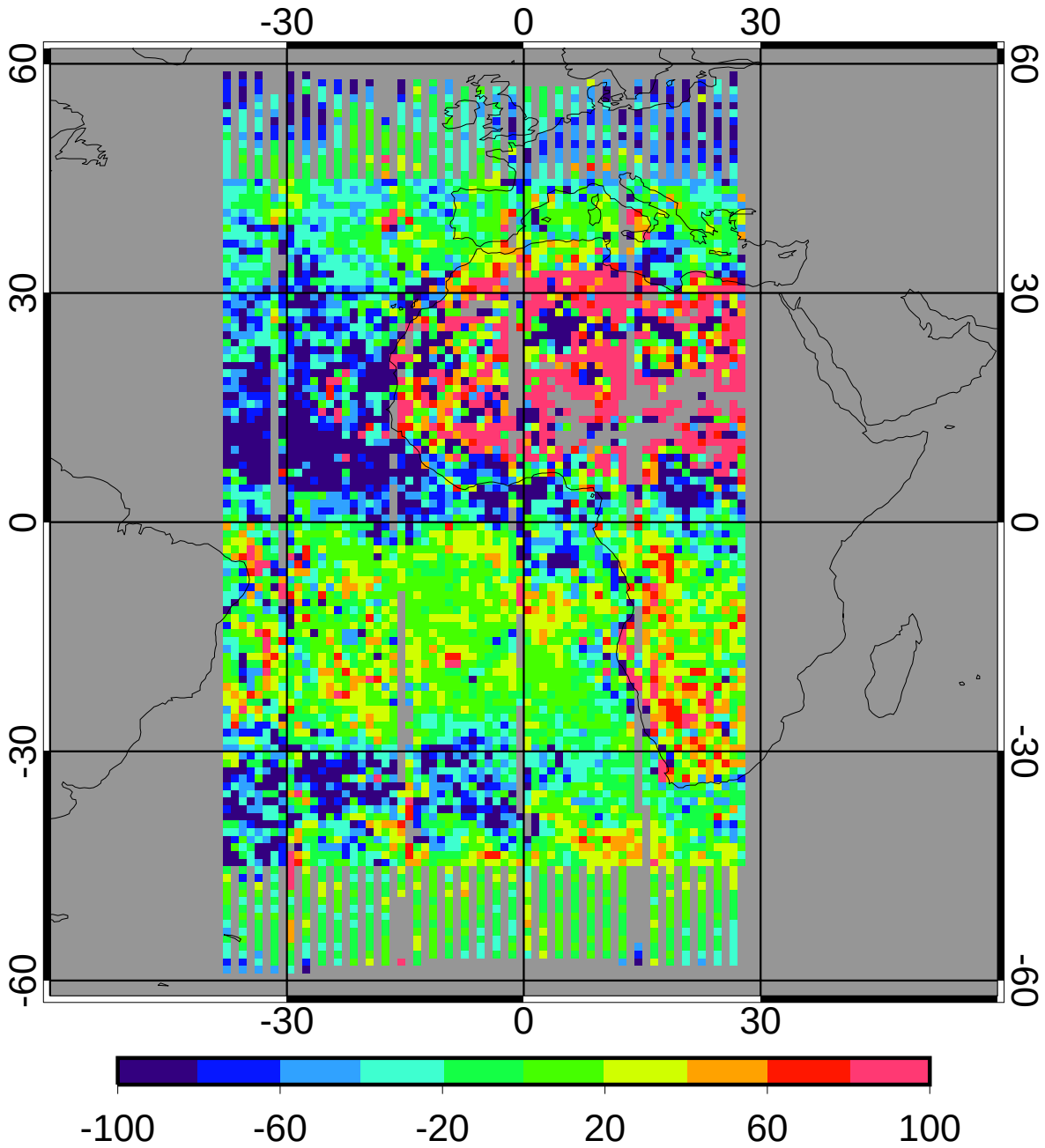
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010



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

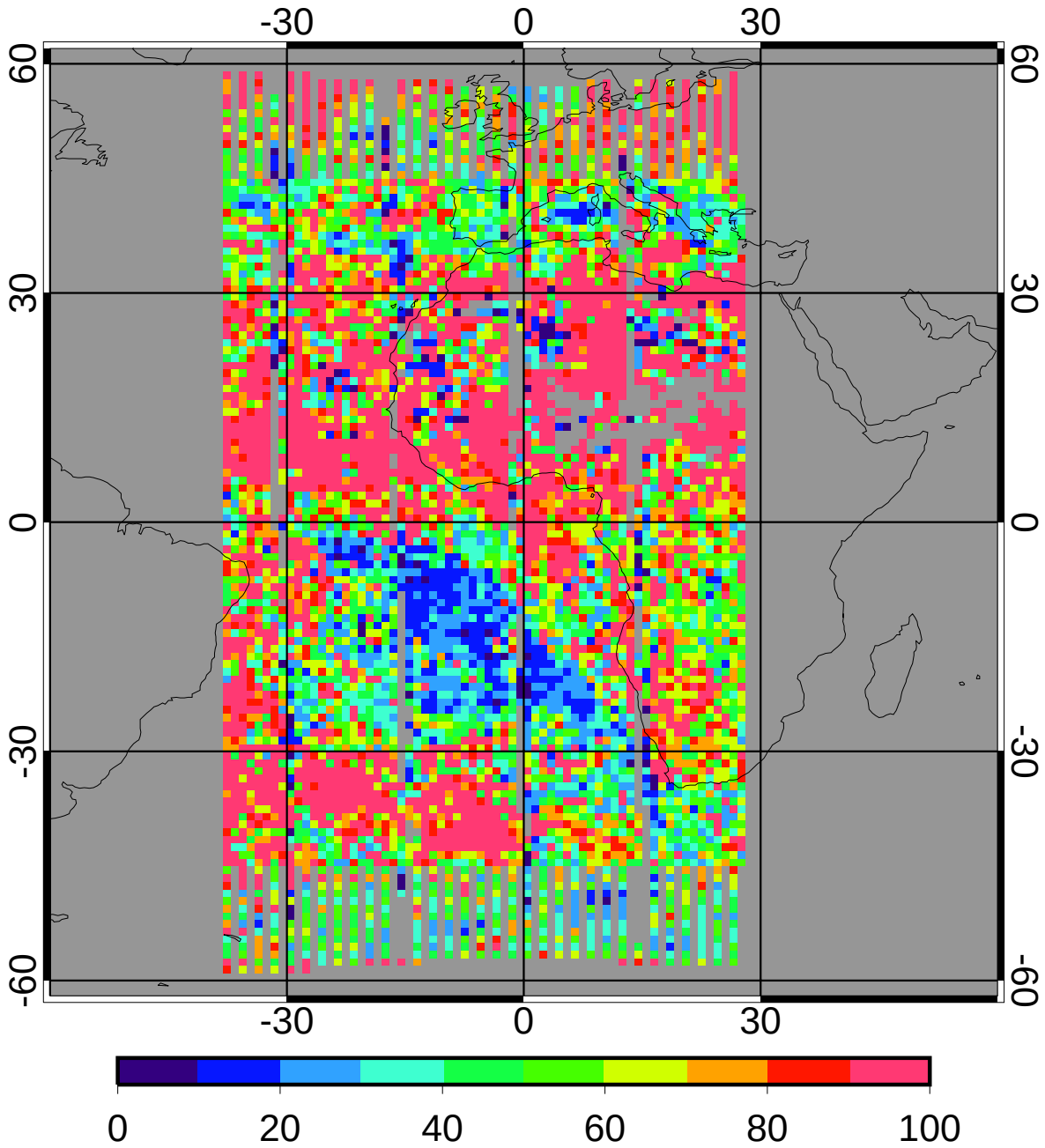
5ch_V01 Jan 2010



bias	-12.33	-1.91%
domain sigma	75.85	11.74%

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

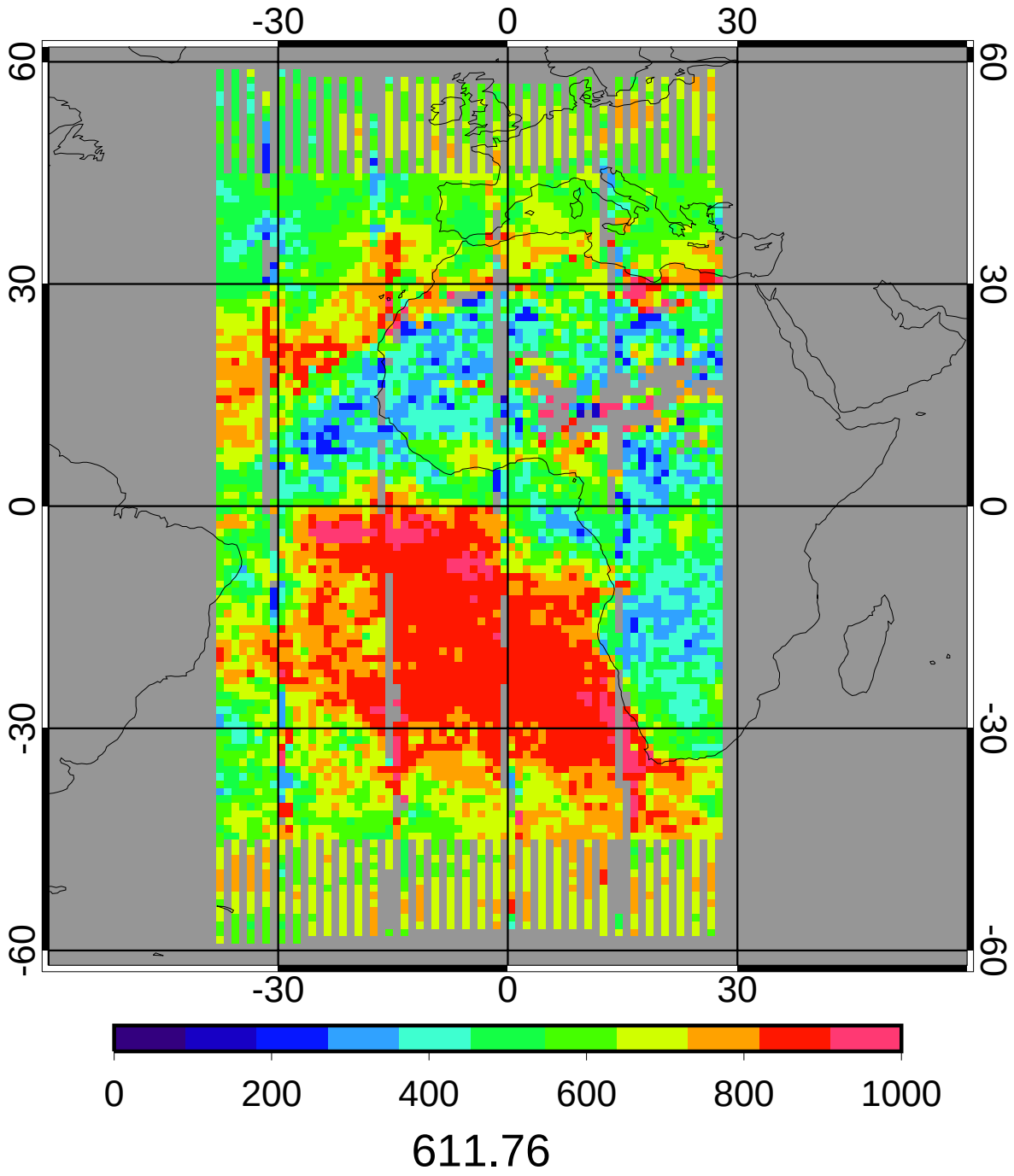
5ch_V01 Jan 2010



regave rms	82.64	12.79%
domain rms	89.91	13.92%

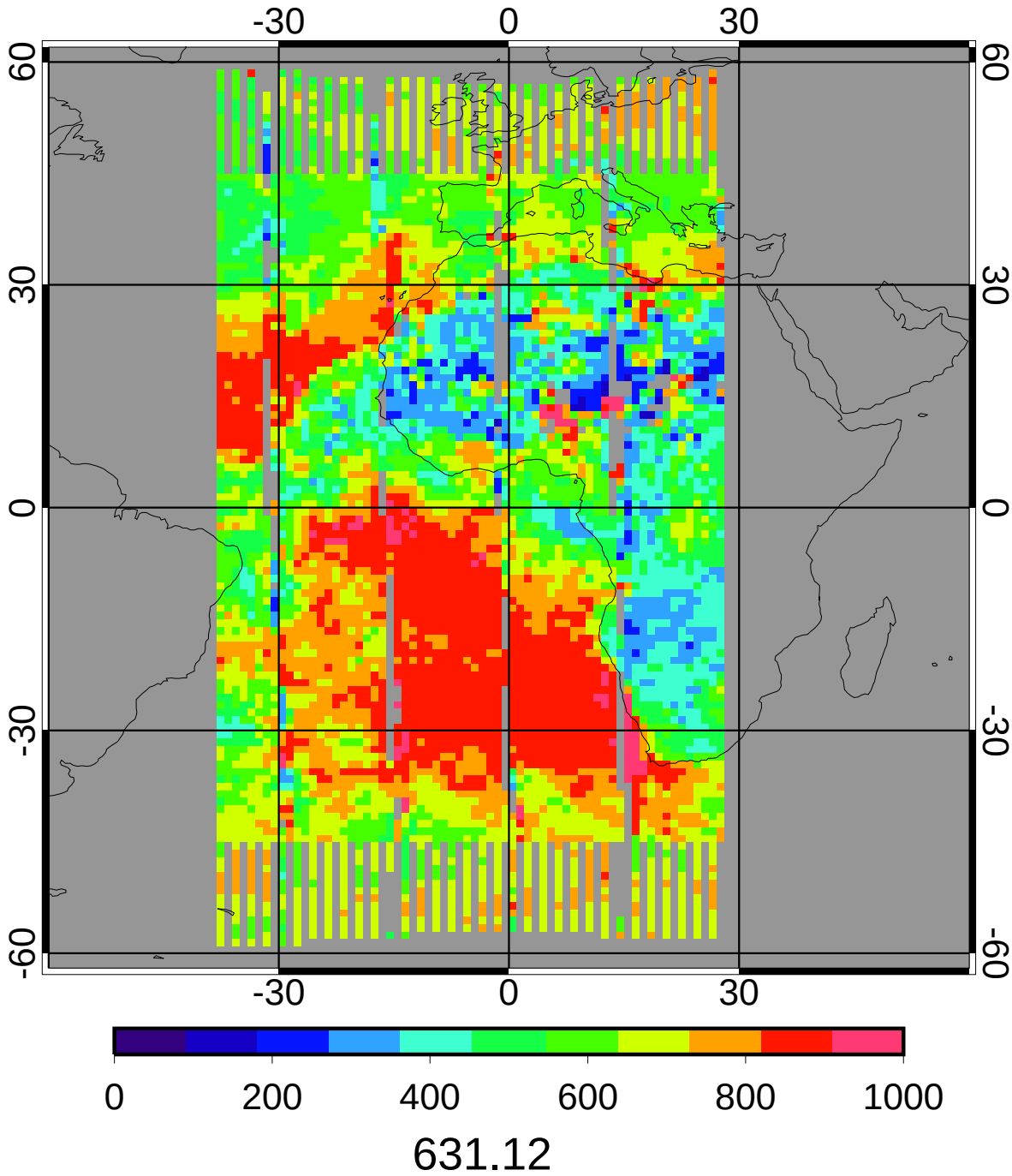
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010



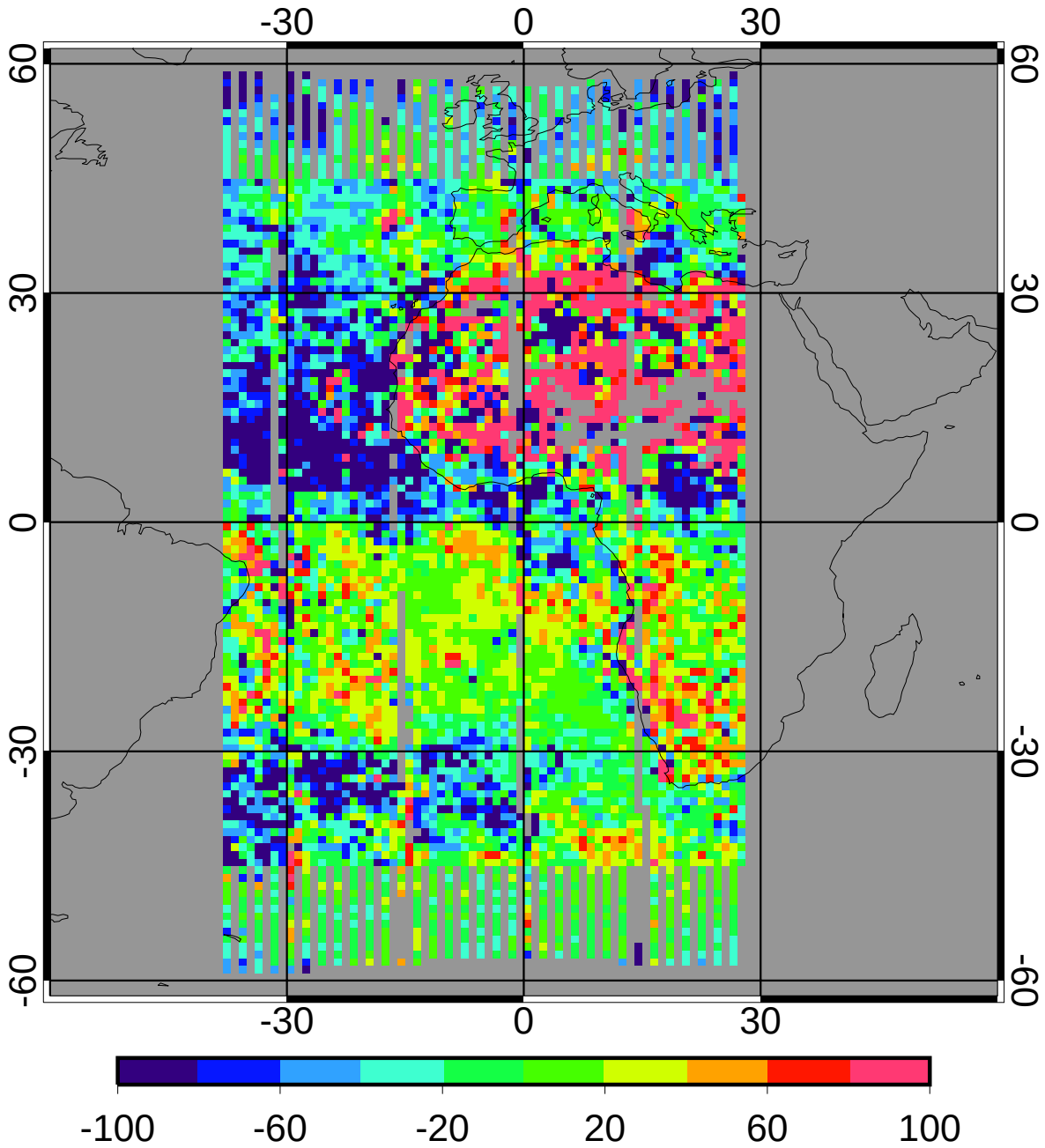
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch_V01 Jan 2010



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

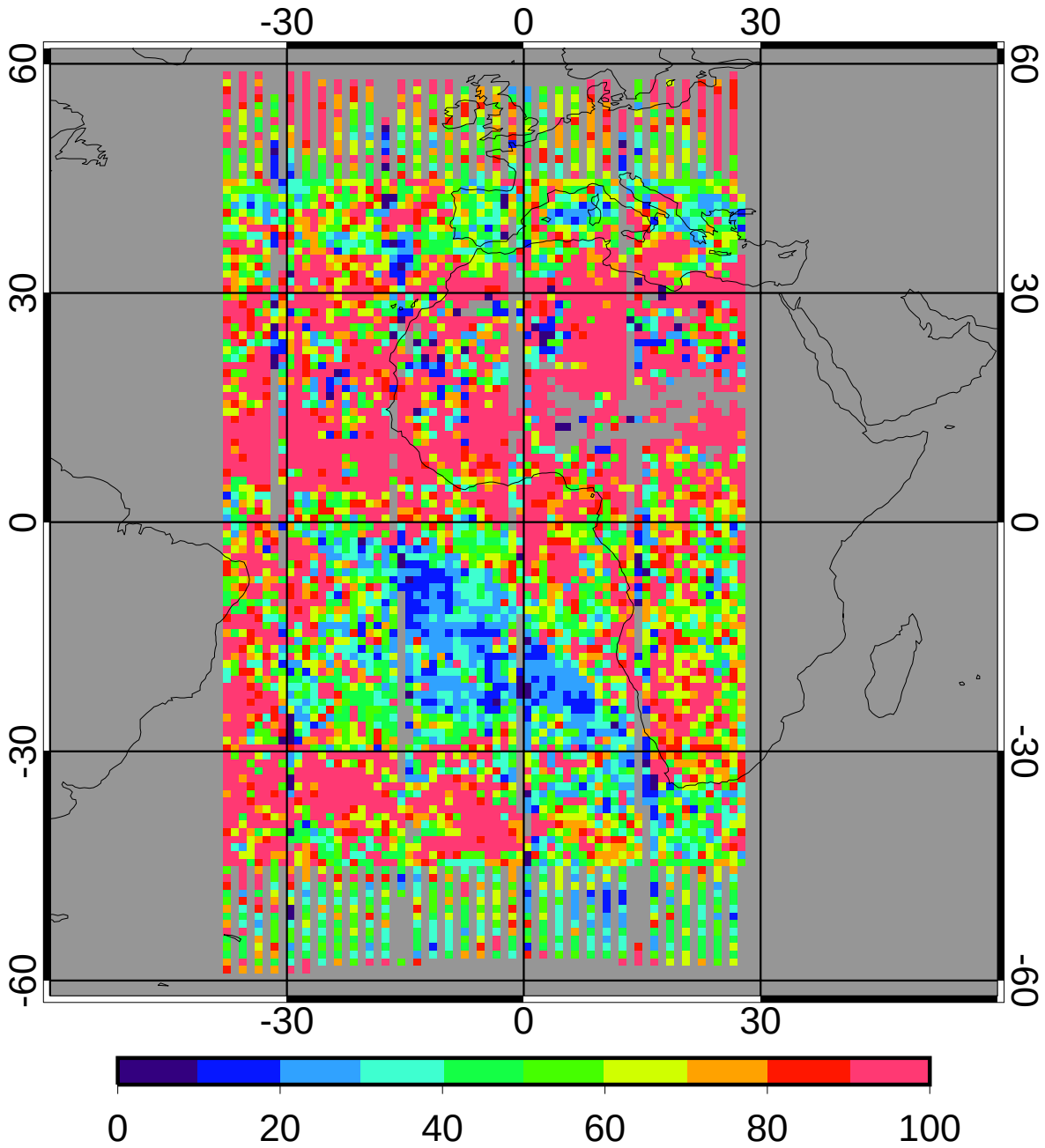
5ch_V01 Jan 2010



bias	-10.94	-1.73%
domain sigma	78.06	12.37%

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

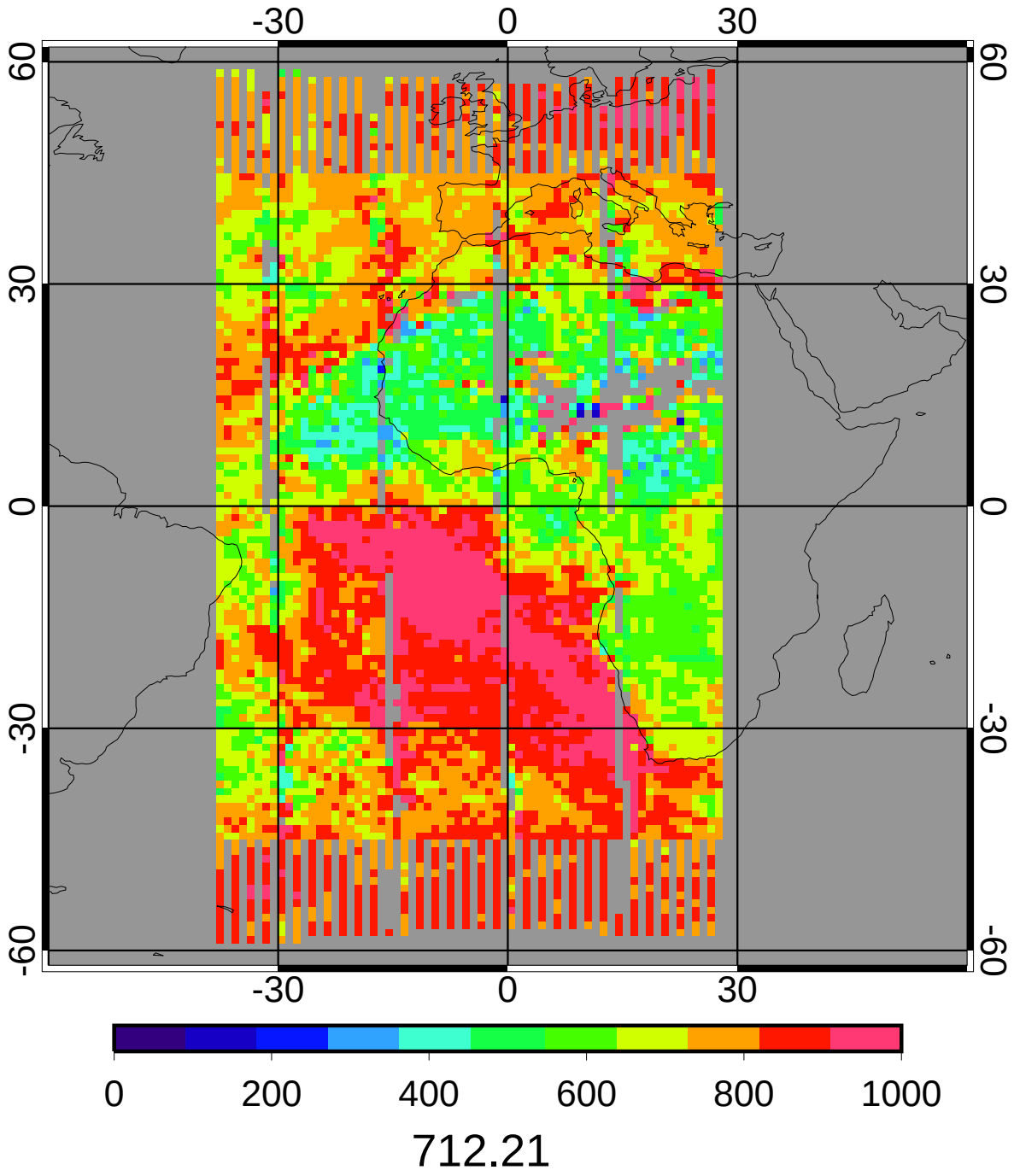
5ch_V01 Jan 2010



regave rms	85.40	13.53%
domain rms	92.11	14.60%

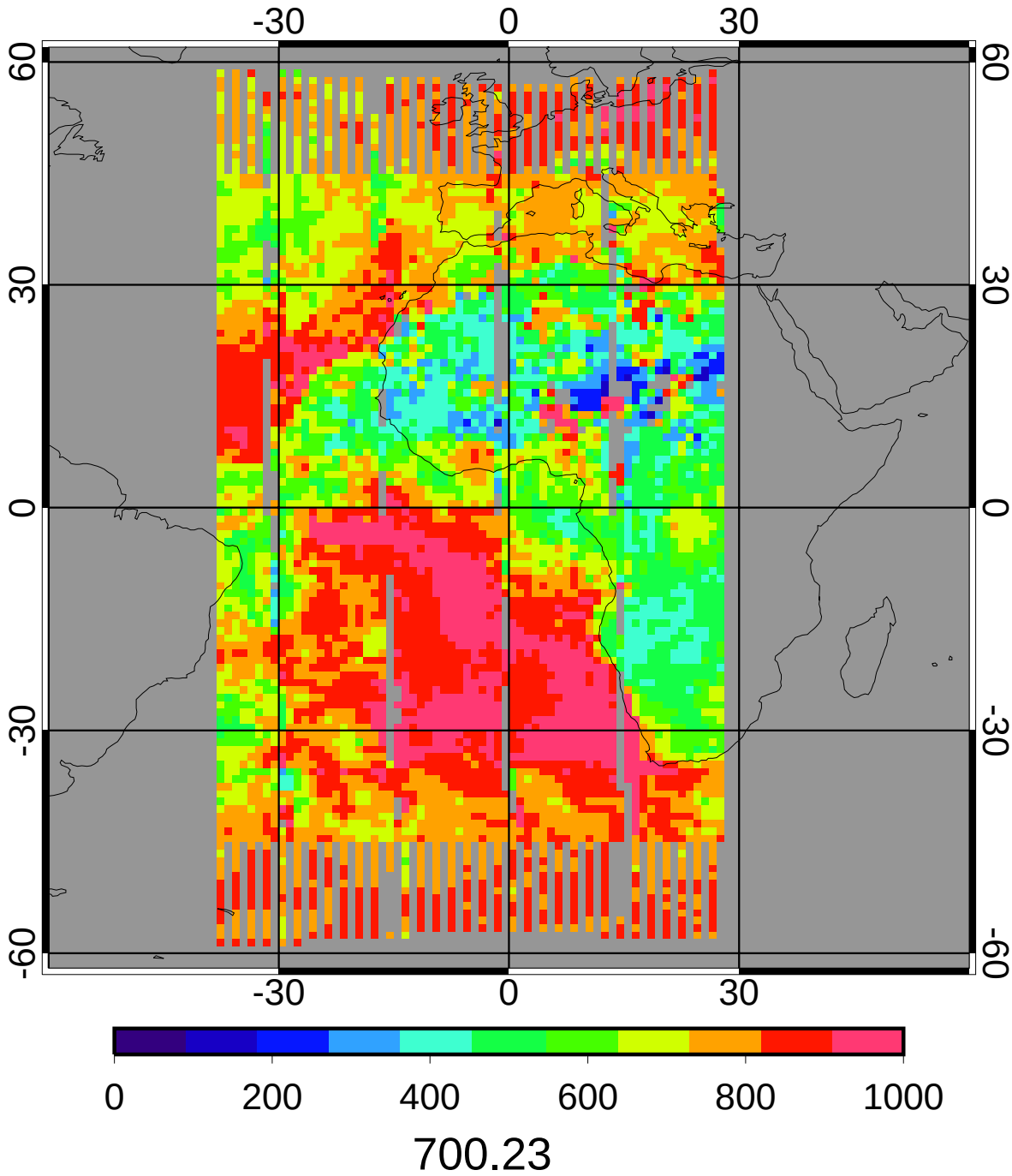
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010



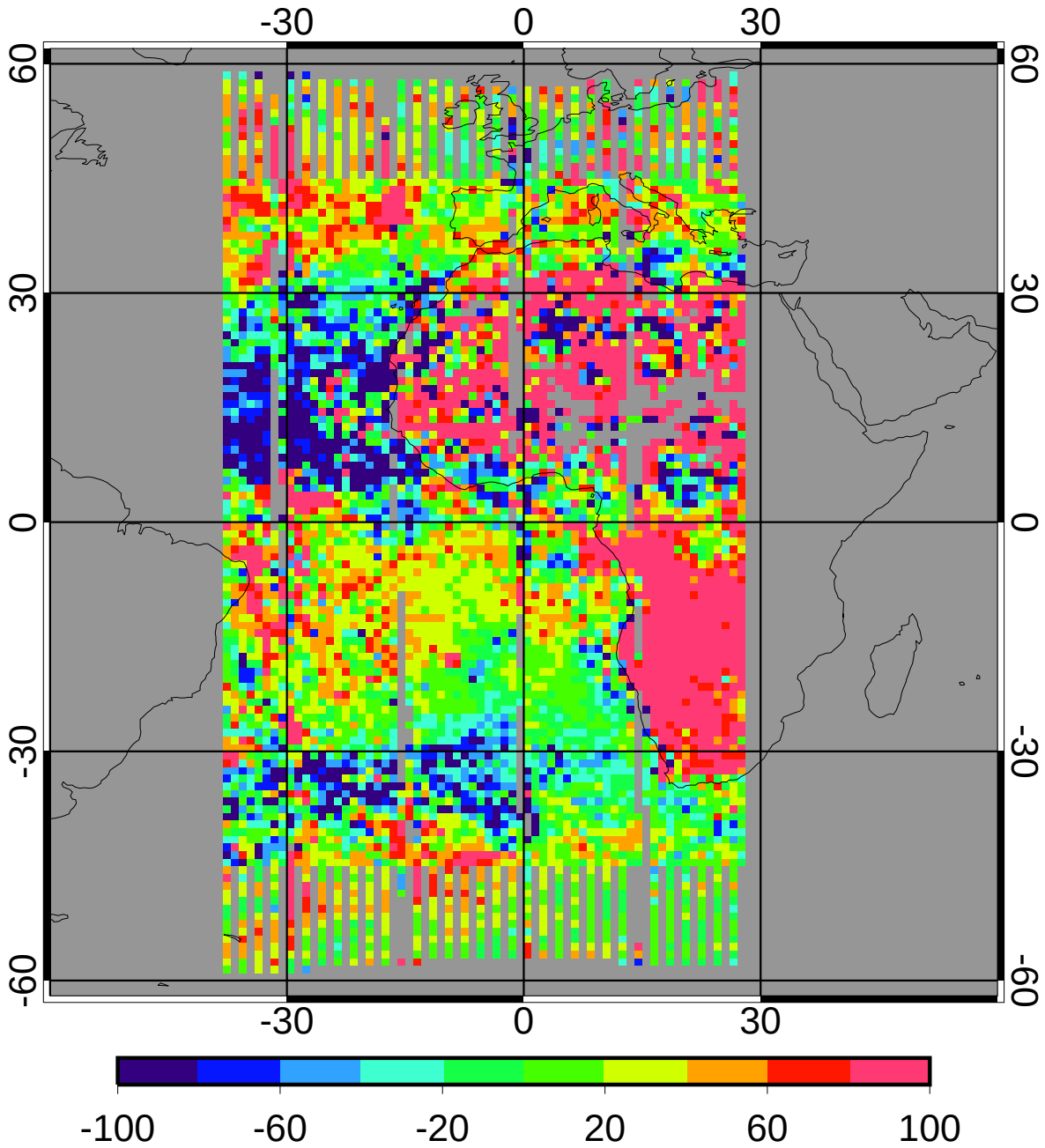
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_V01 Jan 2010



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

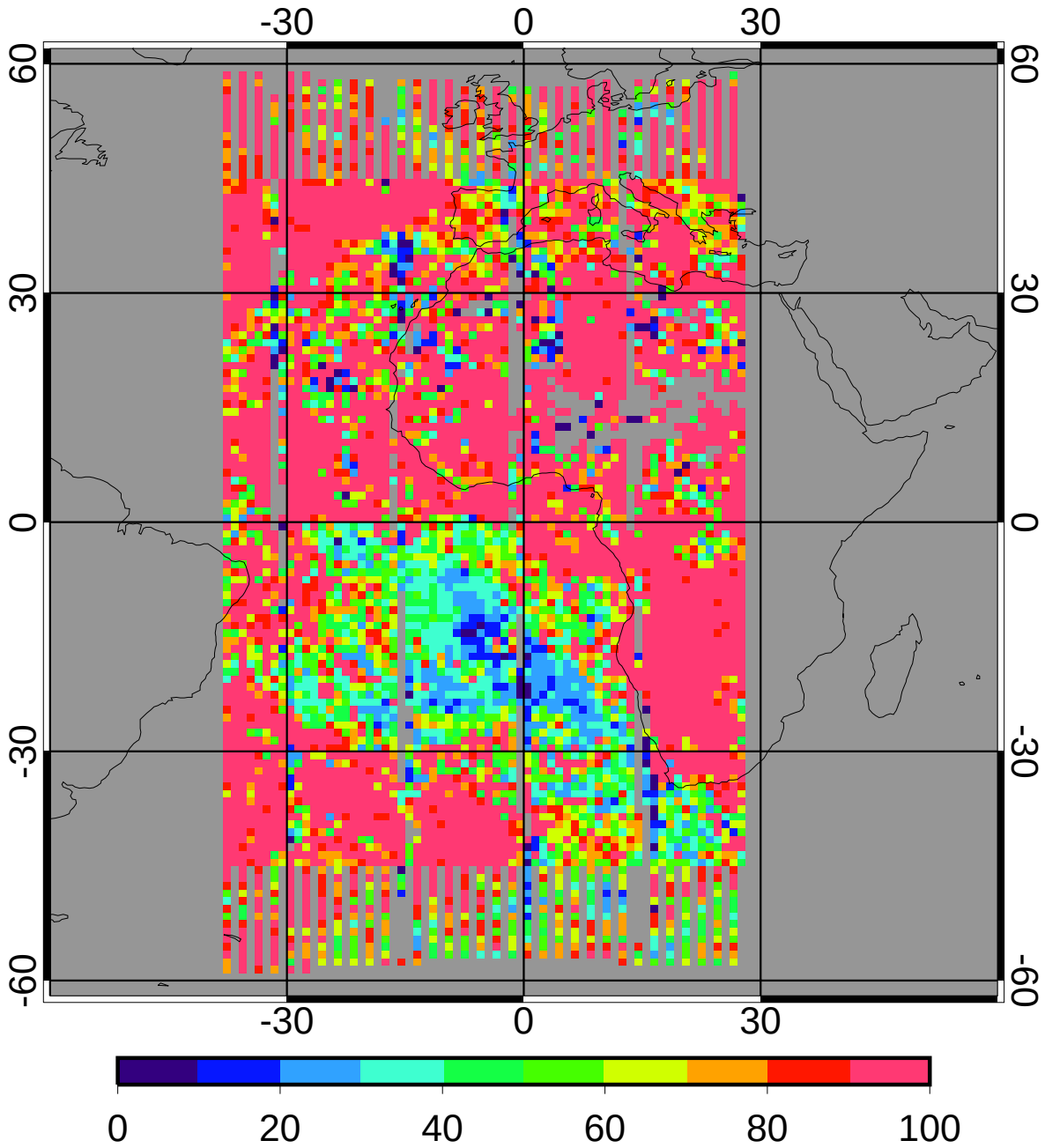
5ch_V01 Jan 2010



bias	20.71	2.96%
domain sigma	80.26	11.46%

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

5ch_V01 Jan 2010

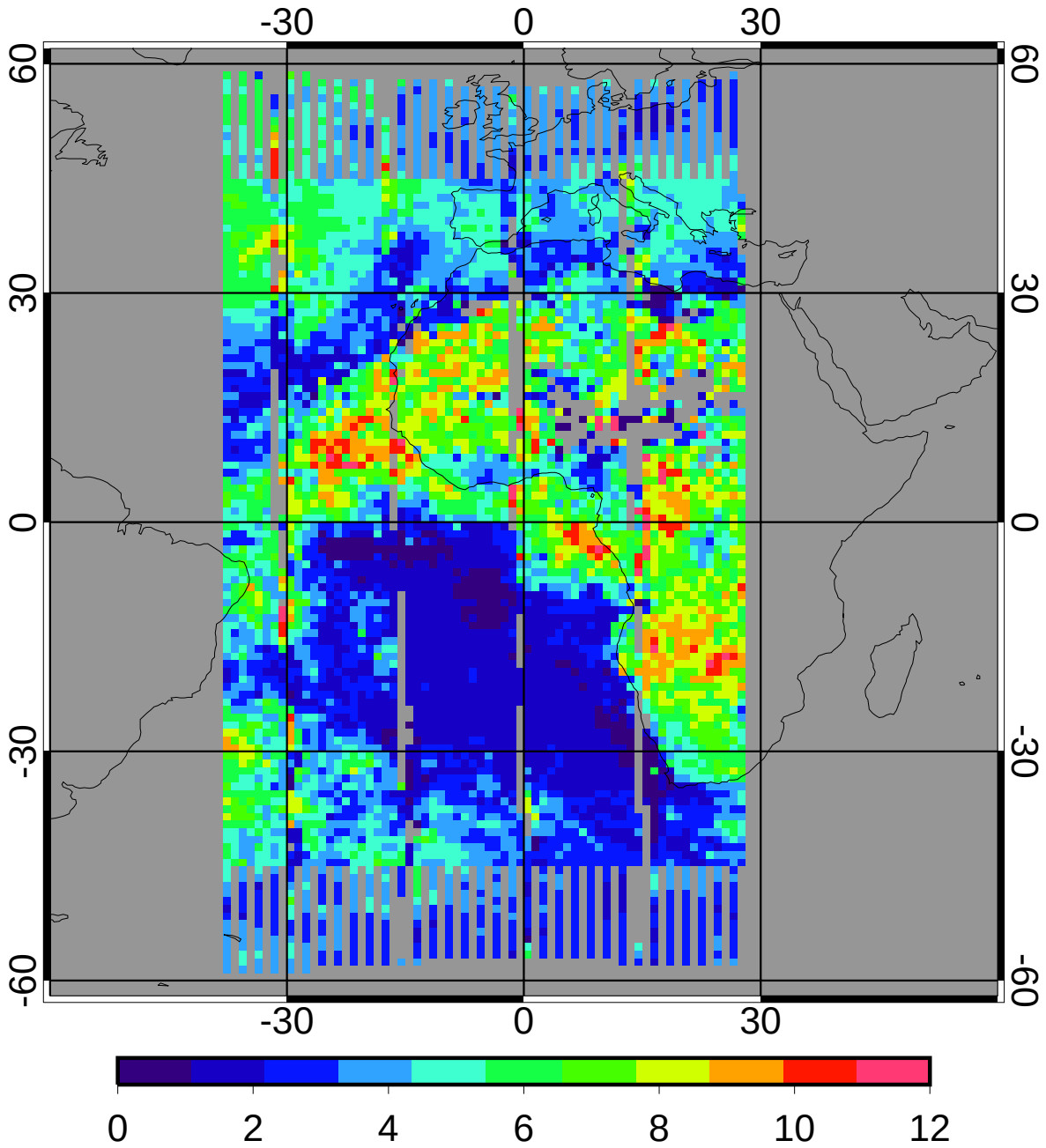


regave rms 102.49 14.64%

domain rms 107.70 15.38%

GGEO MEAN Daytime Cloud Eff Height (km)

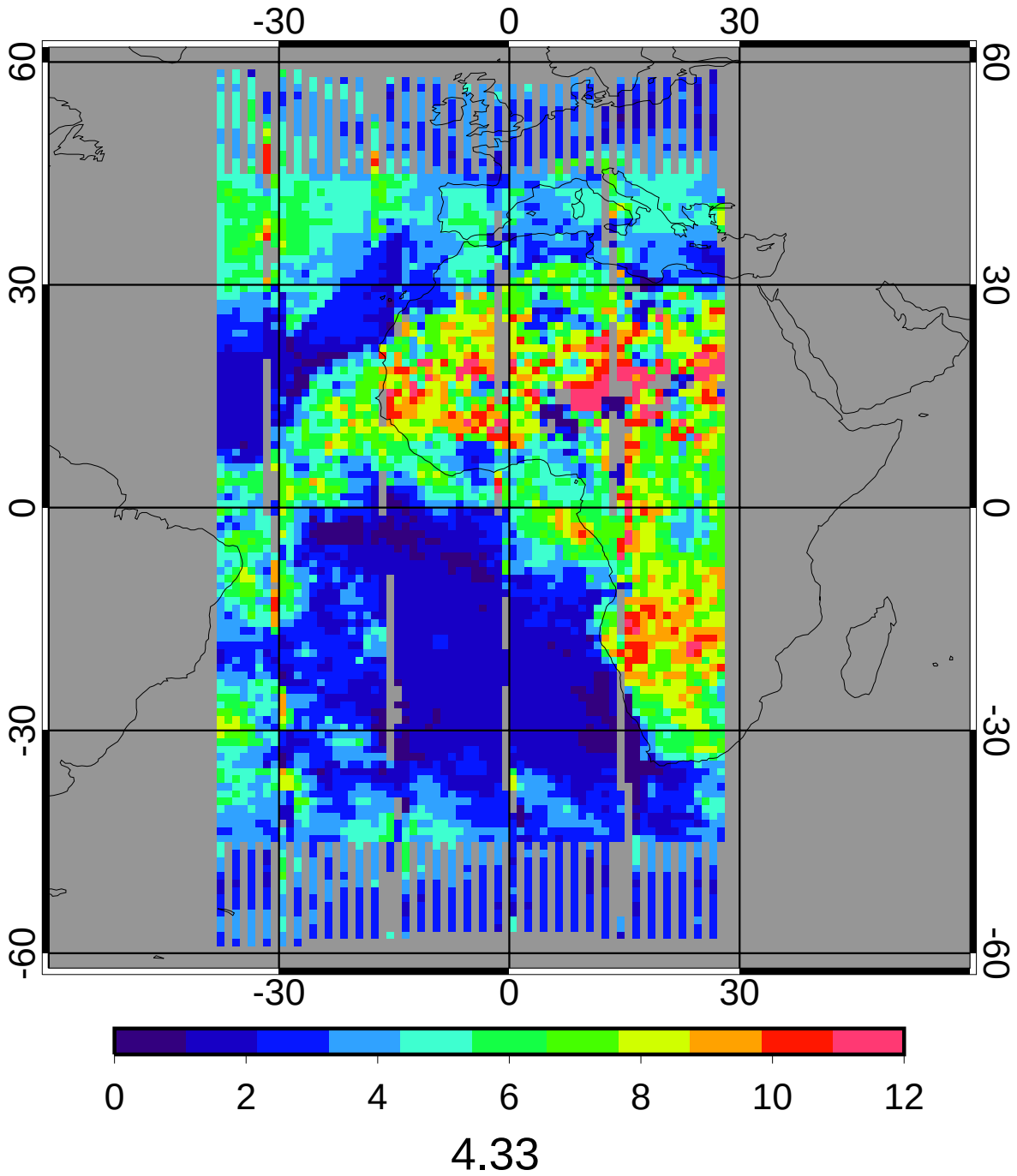
5ch_V01 Jan 2010



4.34

CERES/Aqua MEAN Daytime Cloud Eff Height (km)

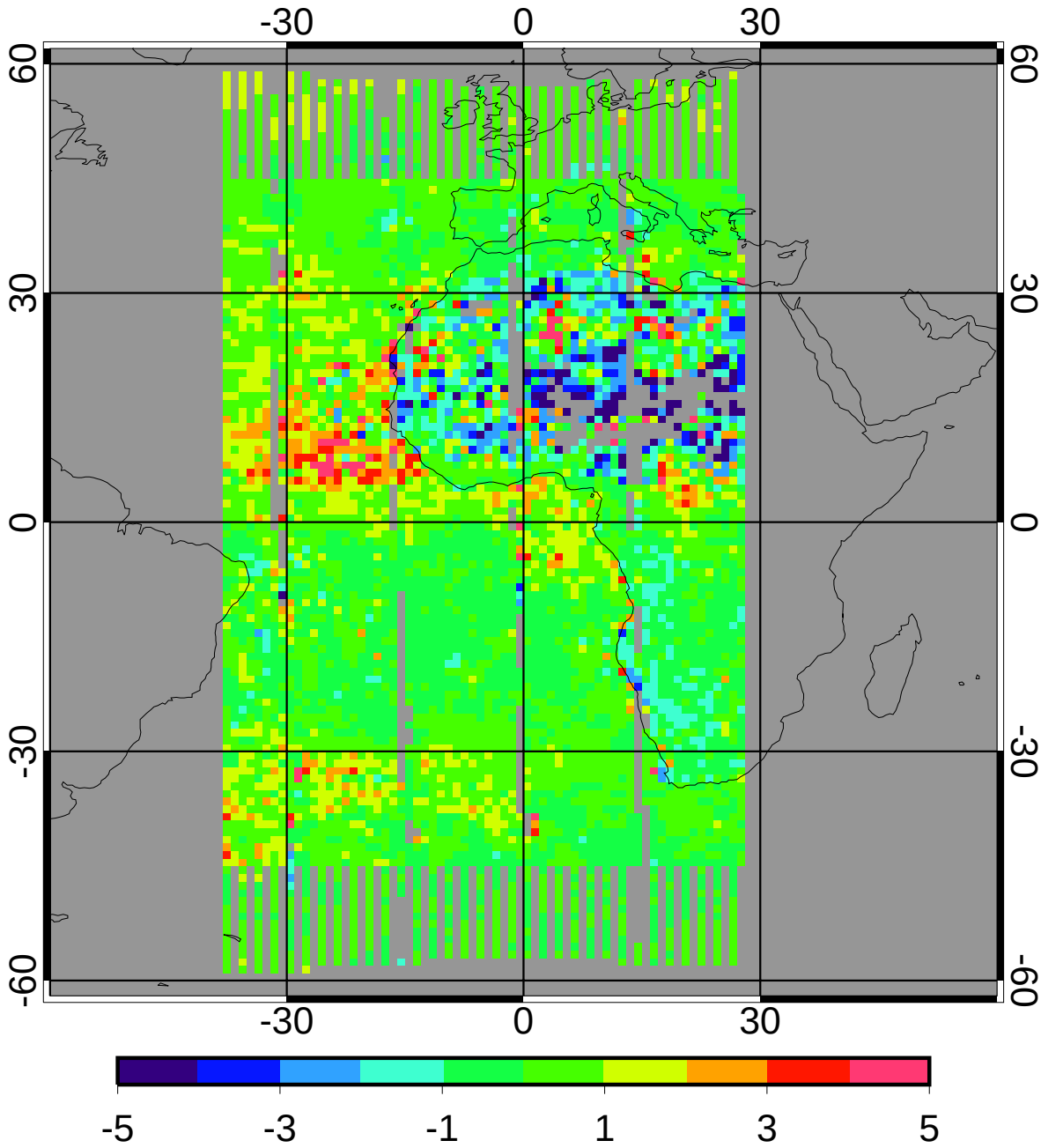
5ch_V01 Jan 2010



4.33

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

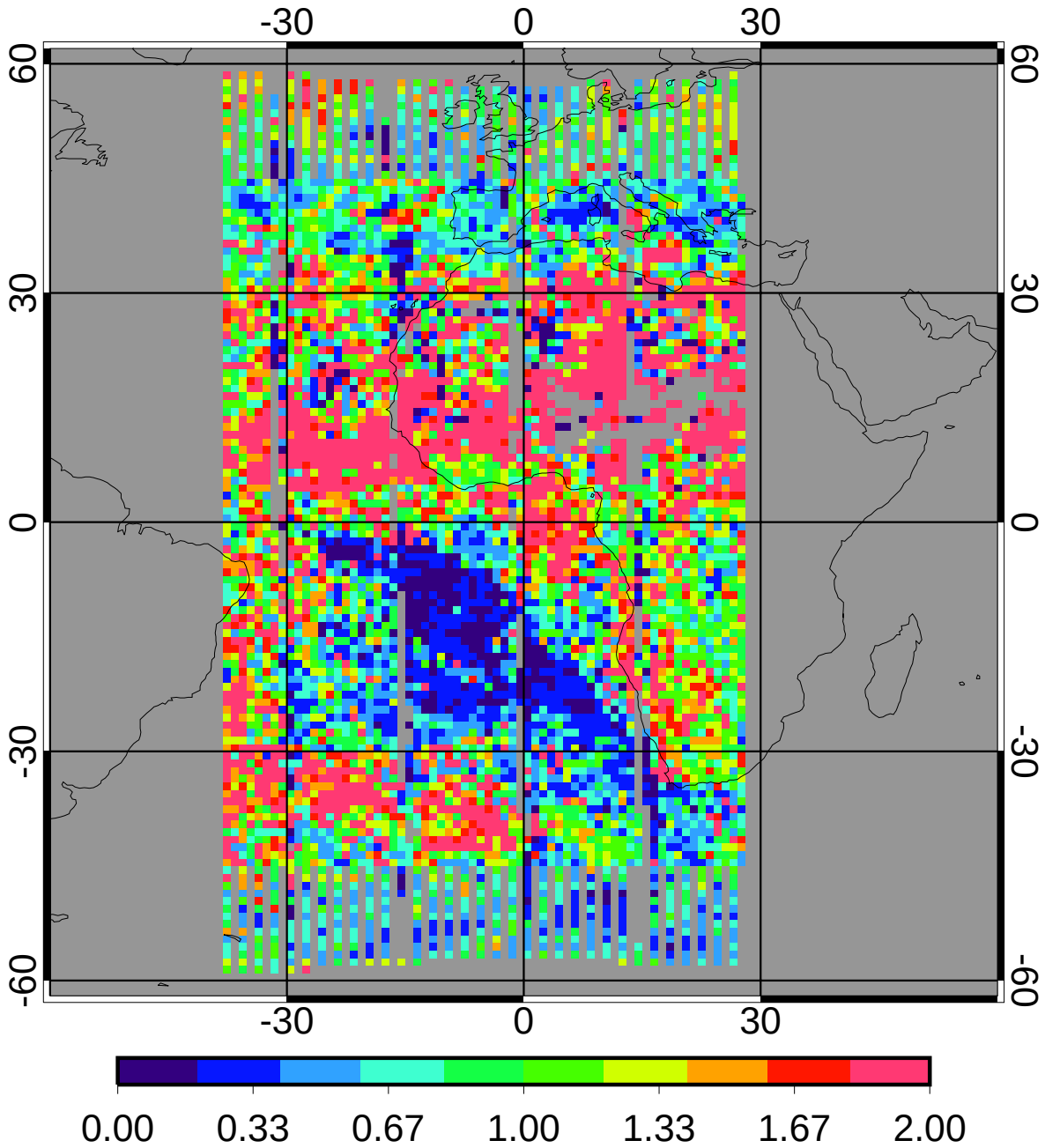
5ch_V01 Jan 2010



bias	0.12	2.86%
domain sigma	1.25	28.97%

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

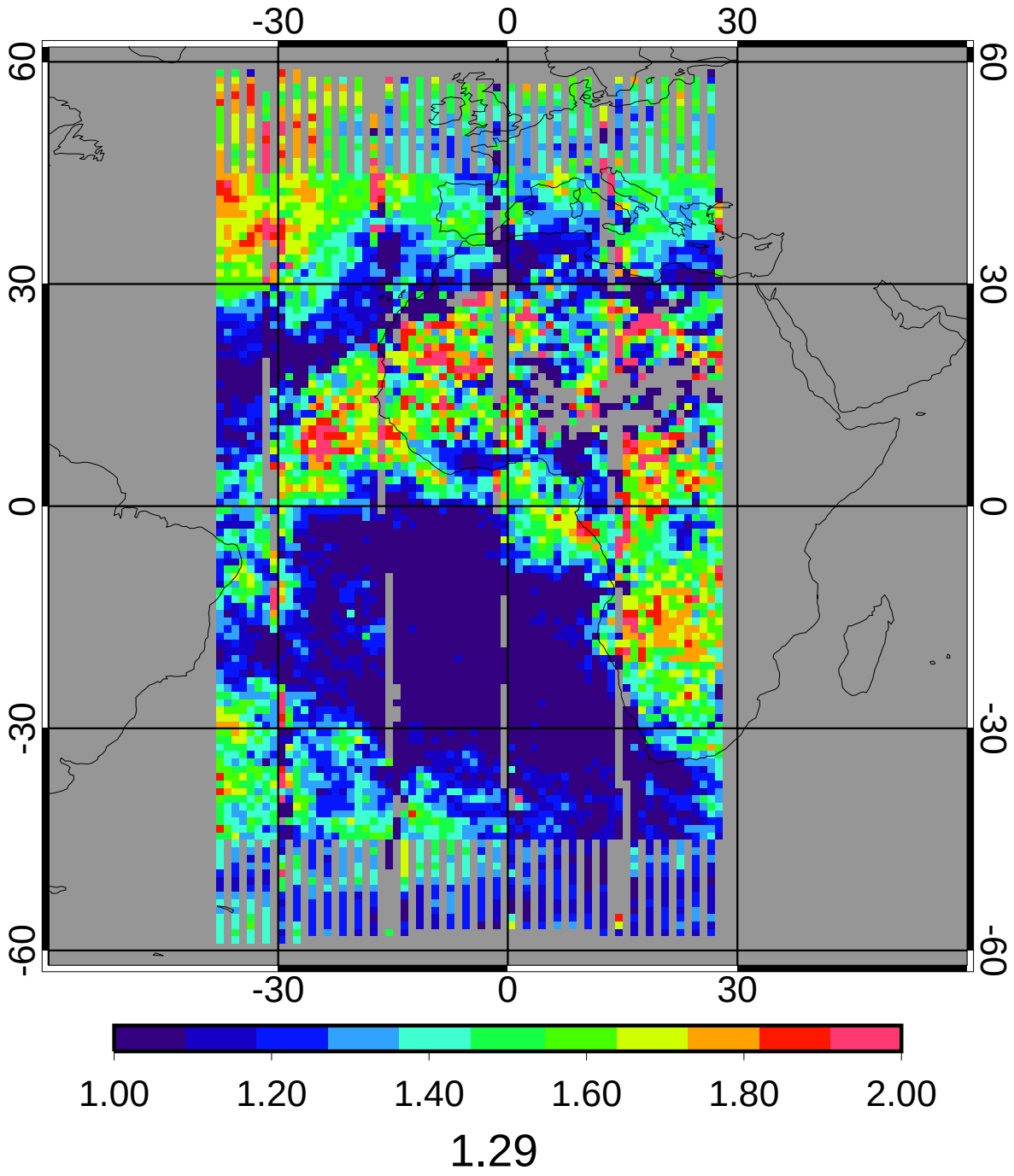
5ch_V01 Jan 2010



regave rms	1.30	30.10%
domain rms	1.41	32.67%

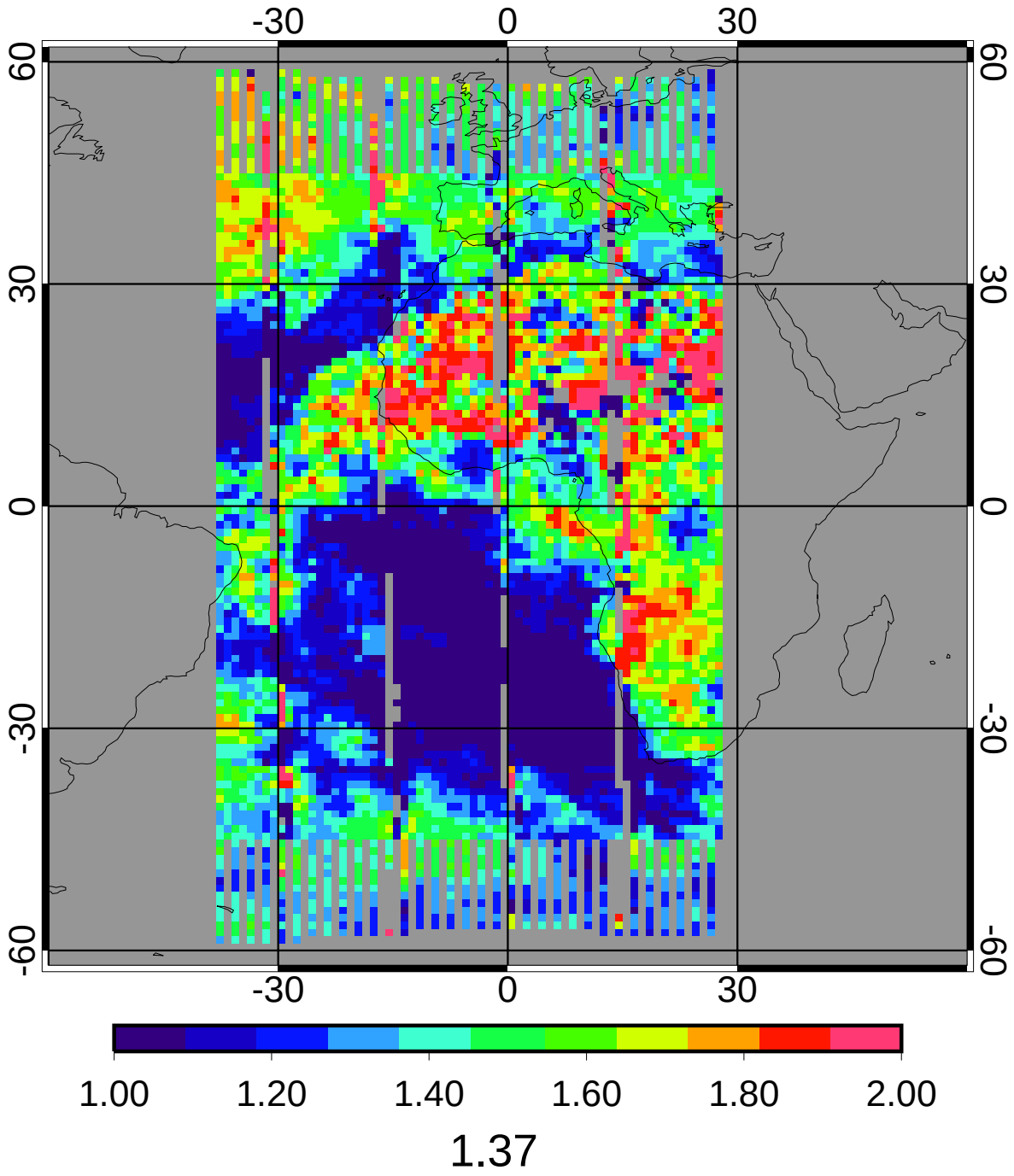
GGEO MEAN Daytime Cloud Phase

5ch_V01 Jan 2010



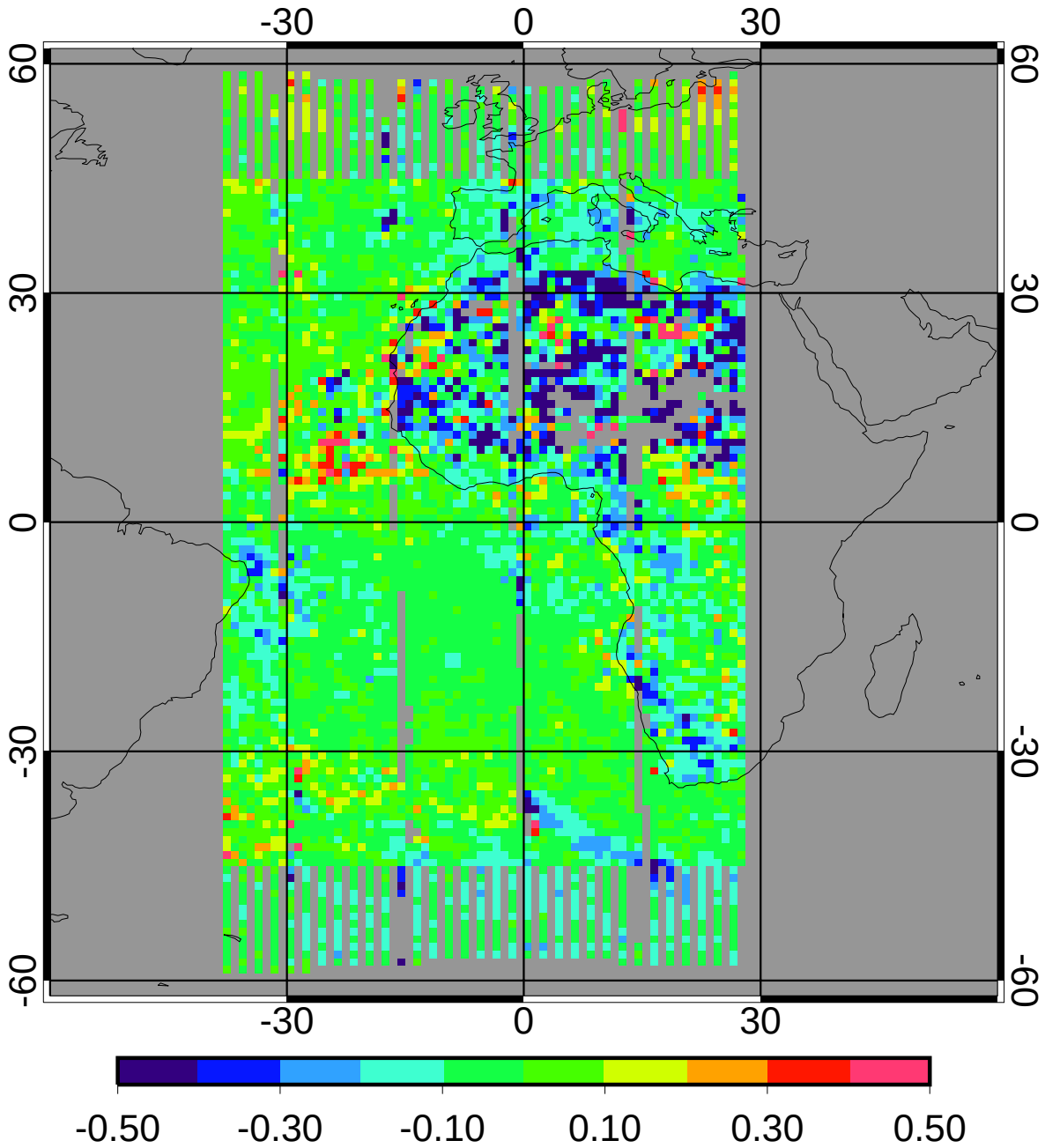
CERES/Aqua MEAN Daytime Cloud Phase

5ch_V01 Jan 2010



GGEO - CERES/Aqua Daytime Cloud Phase Bias

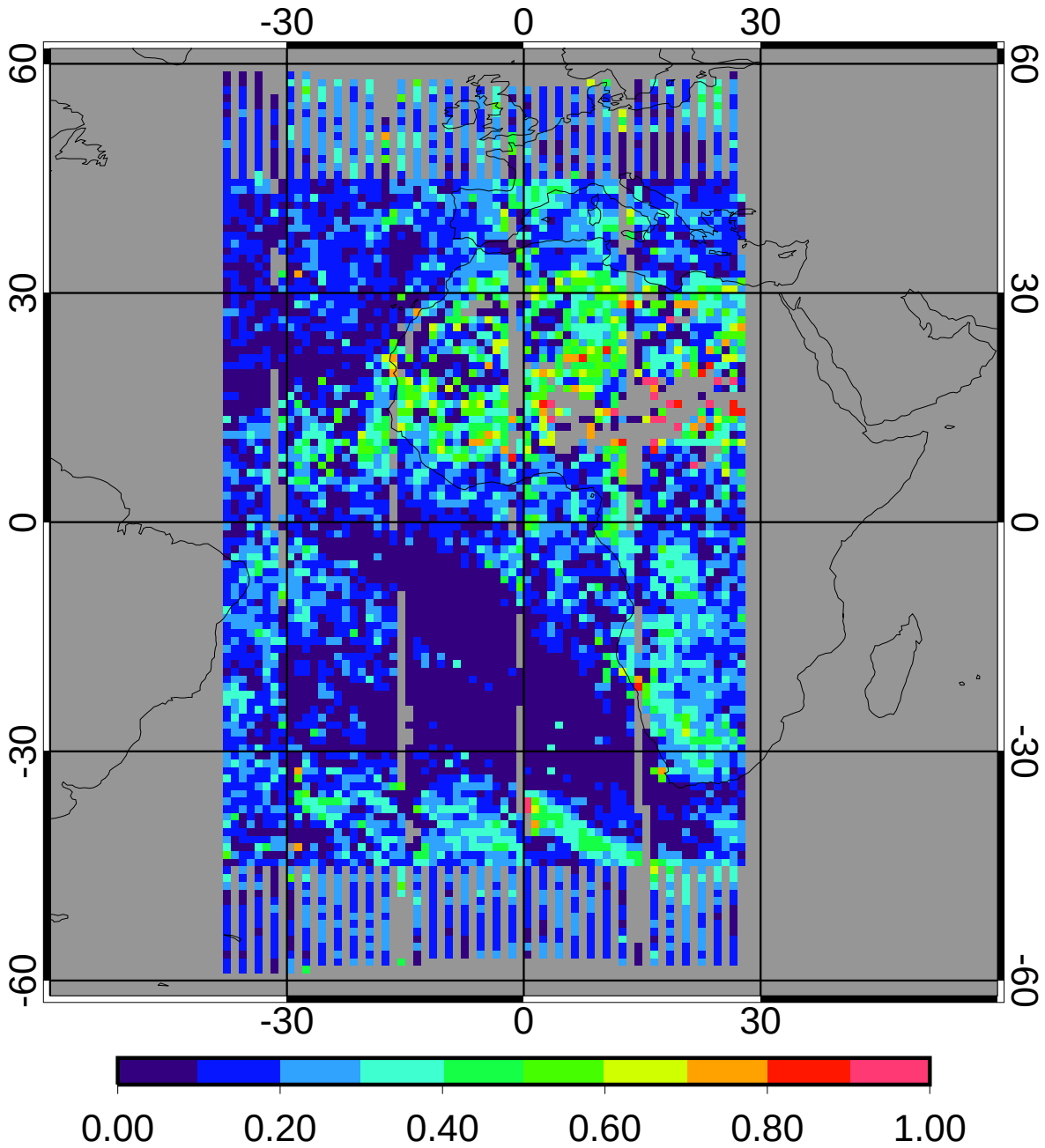
5ch_V01 Jan 2010



bias	-0.05	-3.98%
domain sigma	0.15	10.77%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

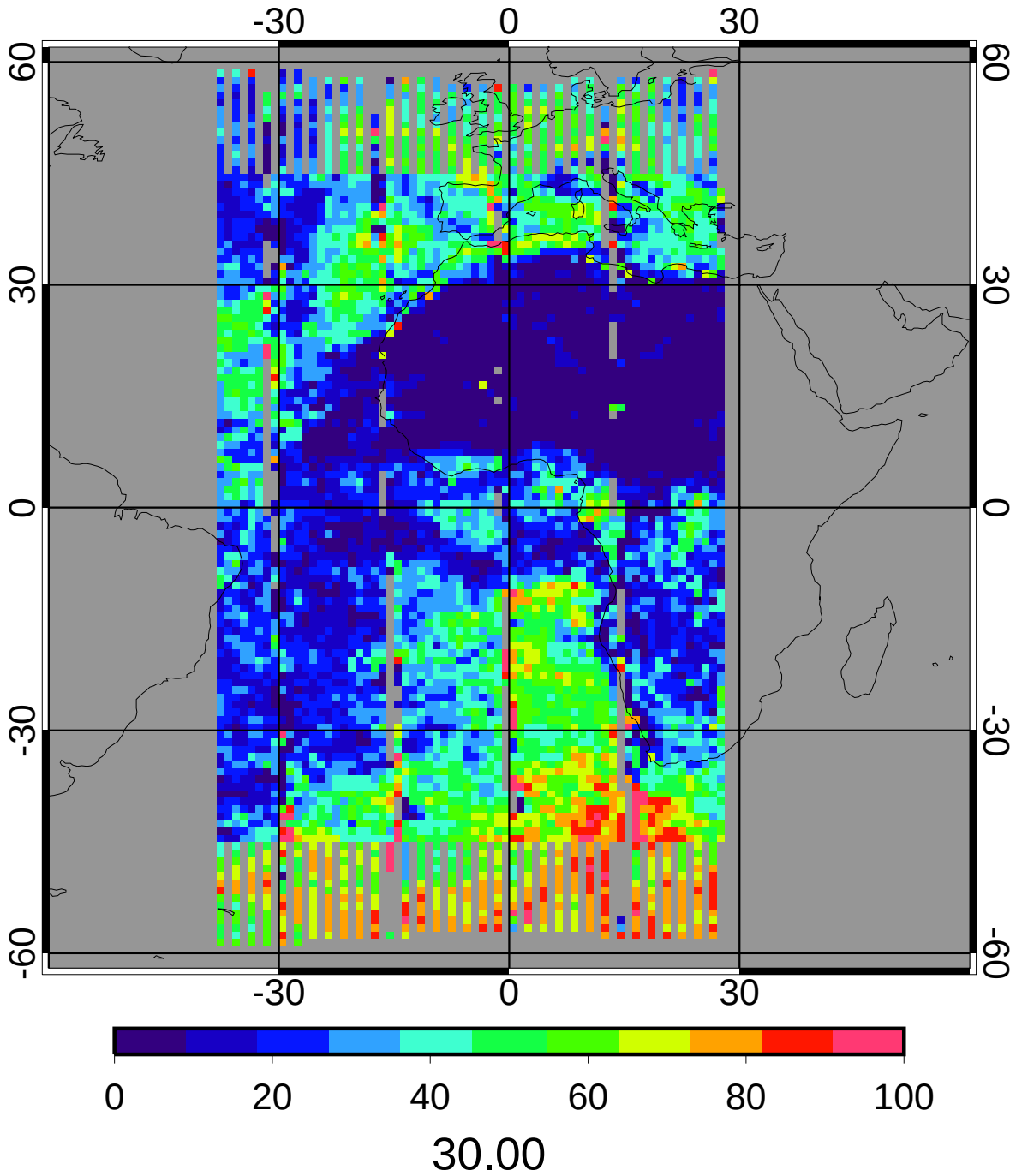
5ch_V01 Jan 2010



regave rms	0.18	13.44%
domain rms	0.20	14.73%

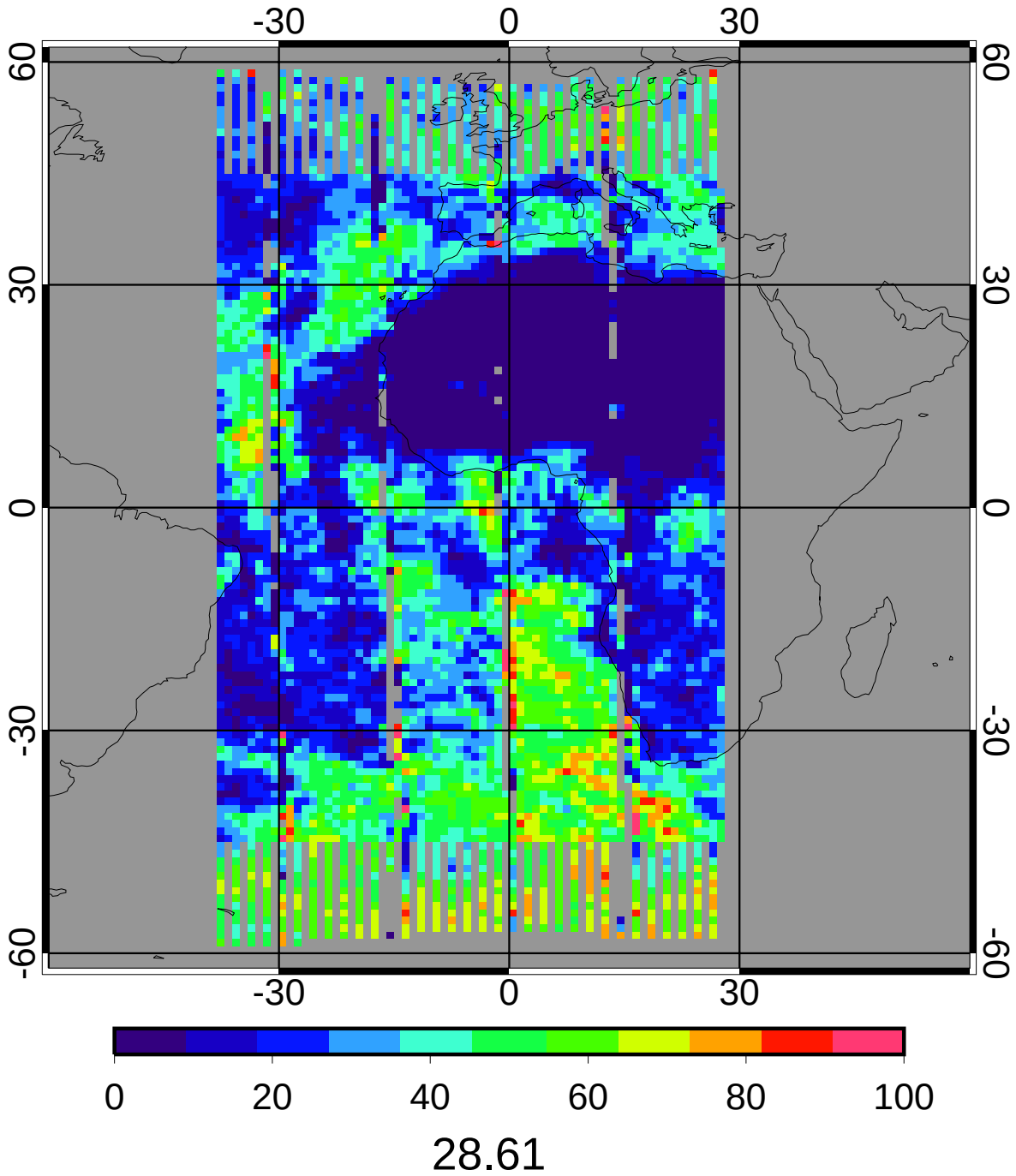
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010



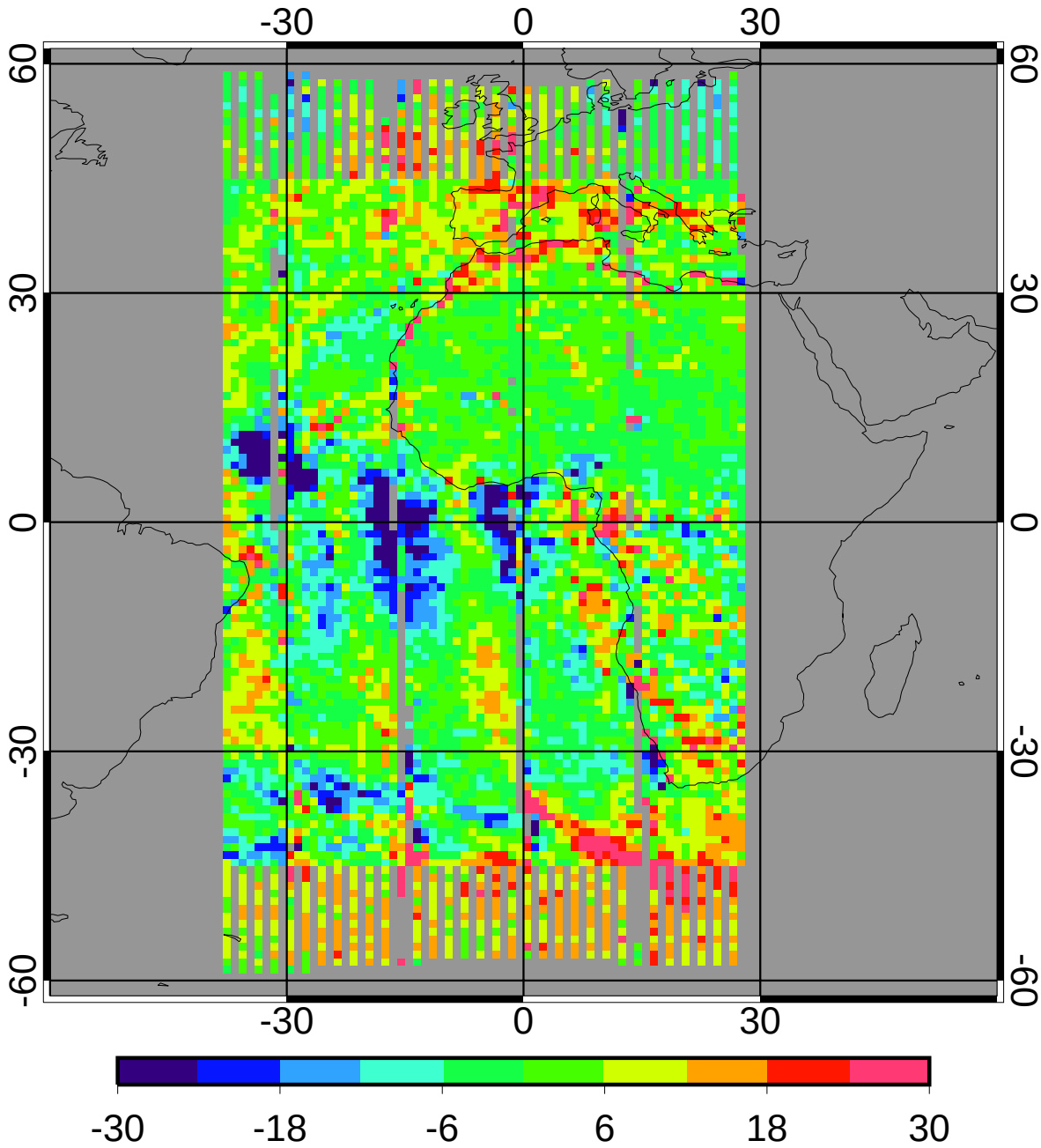
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch_V01 Jan 2010



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

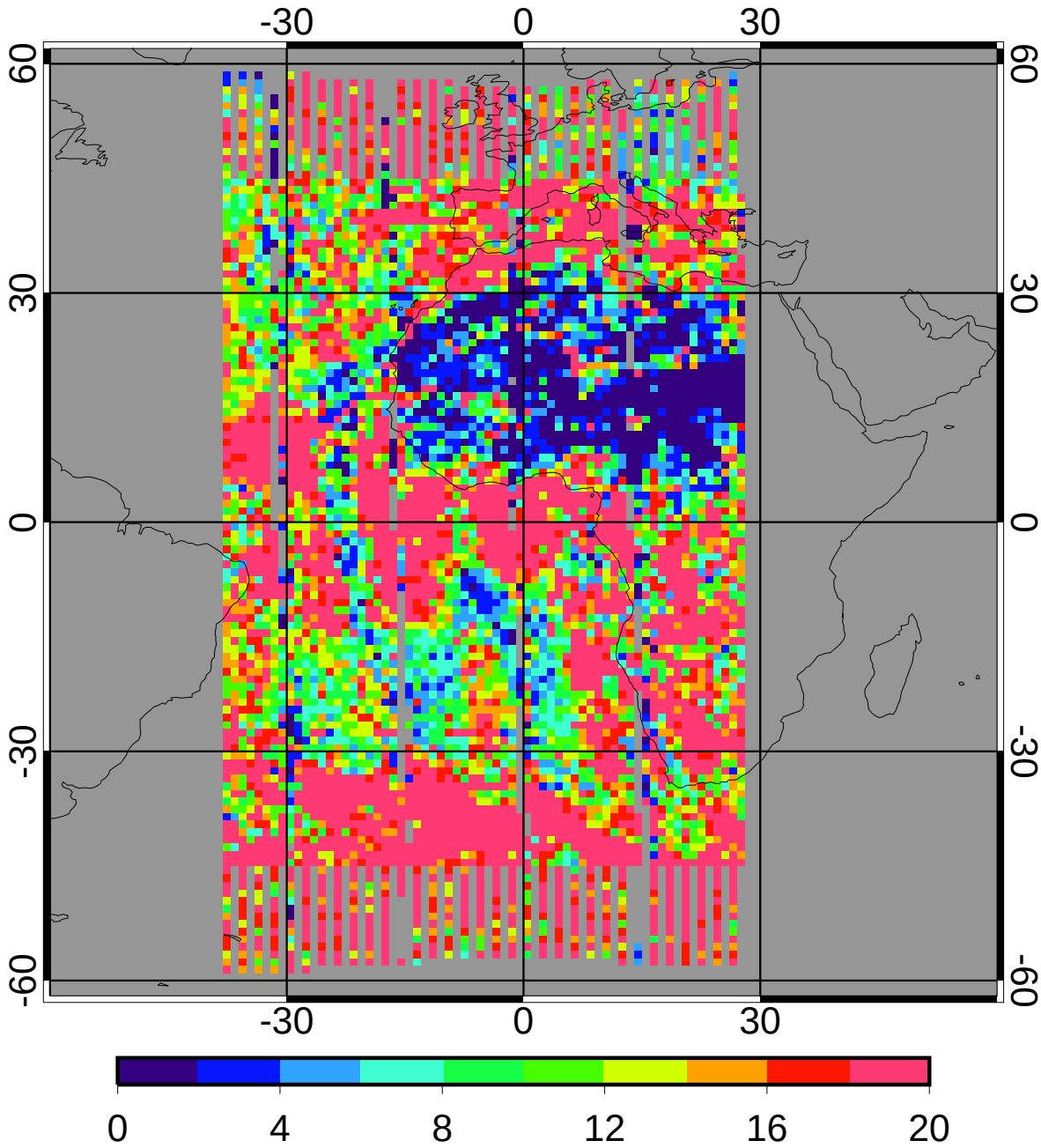
5ch_V01 Jan 2010



bias	1.39	4.85%
domain sigma	9.85	34.43%

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

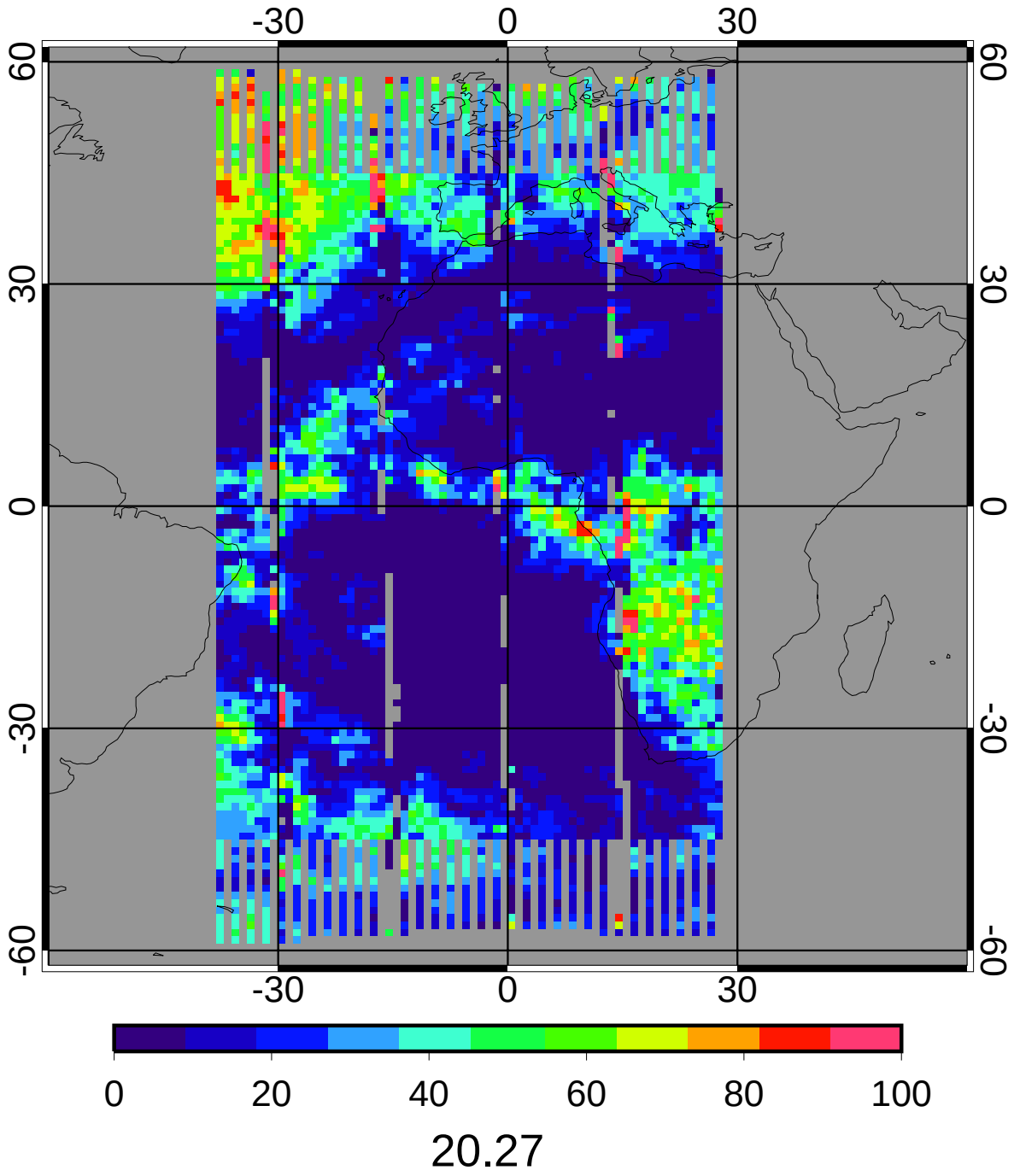
5ch_V01 Jan 2010



regave rms	15.74	55.03%
domain rms	18.24	63.76%

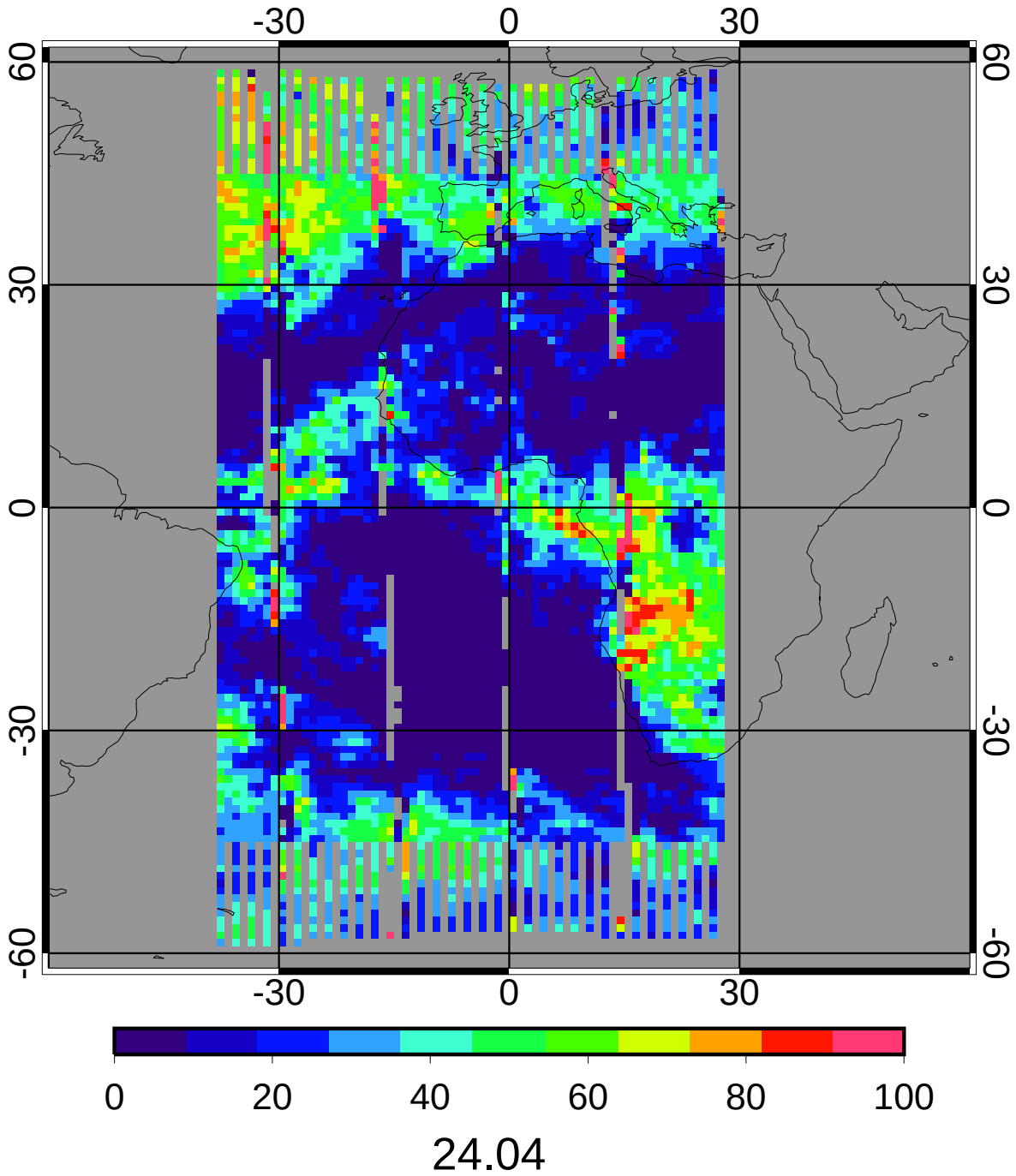
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_V01 Jan 2010



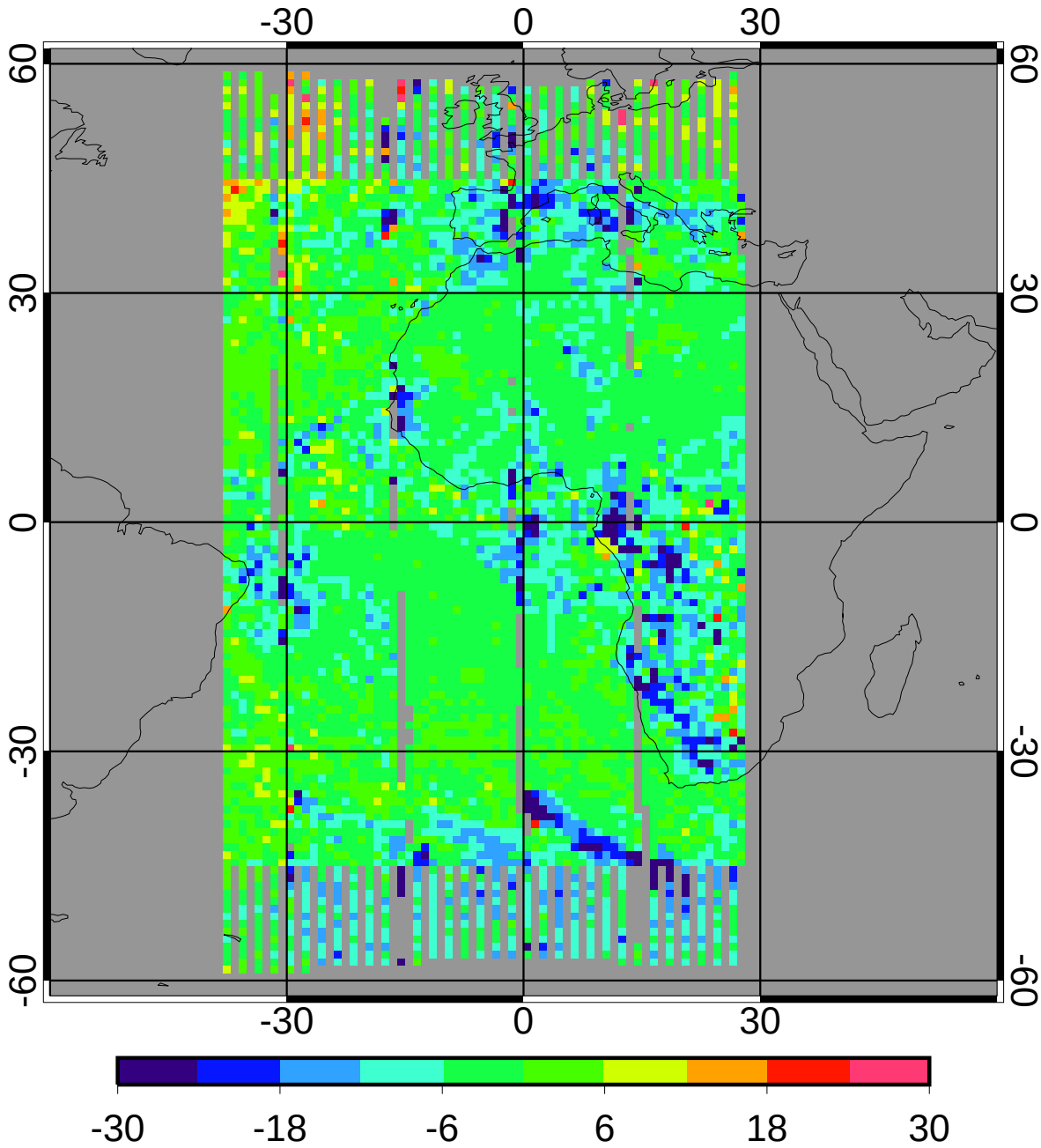
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch_V01 Jan 2010



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

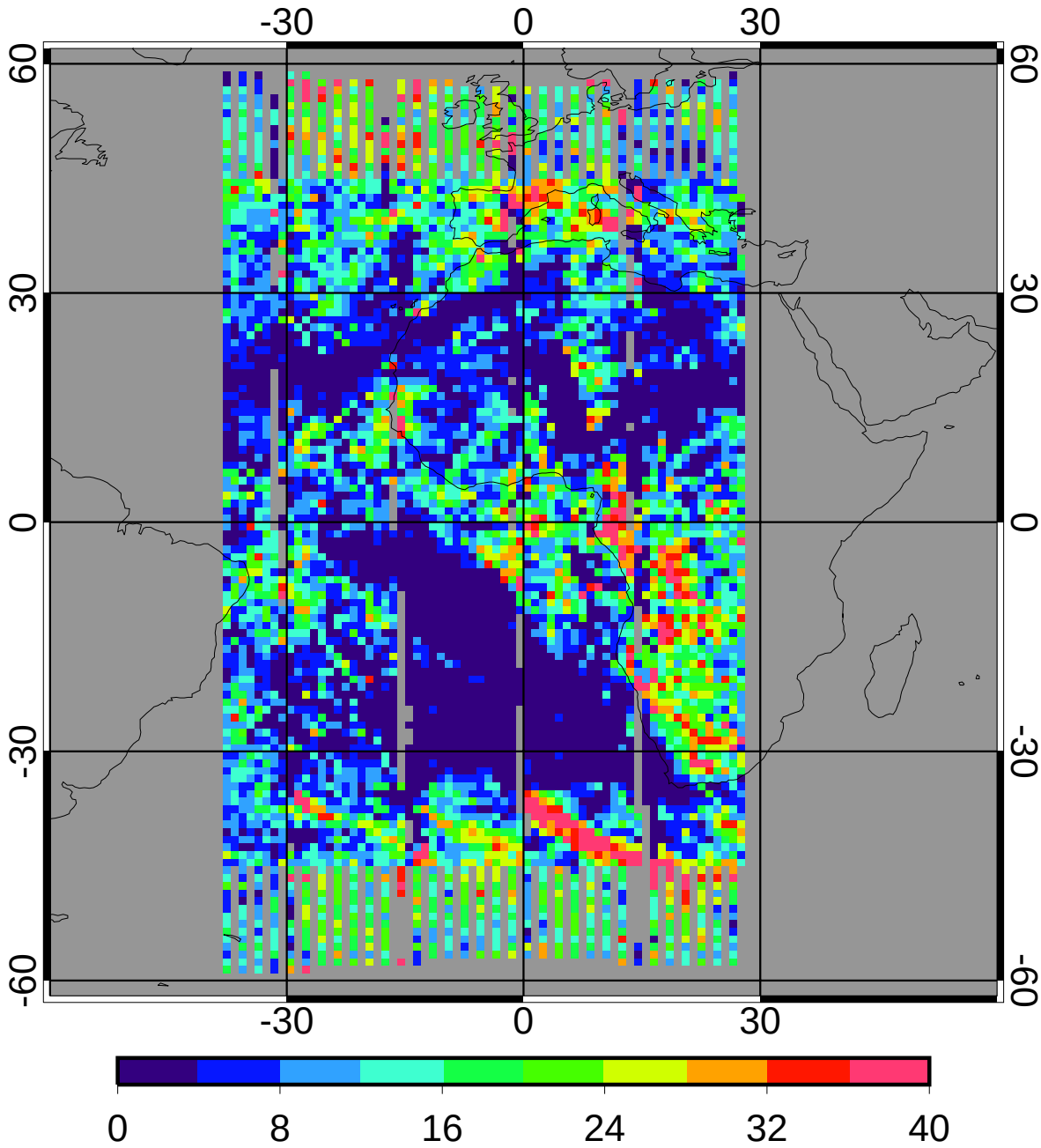
5ch_V01 Jan 2010



bias	-3.77	-15.69%
domain sigma	6.46	26.87%

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

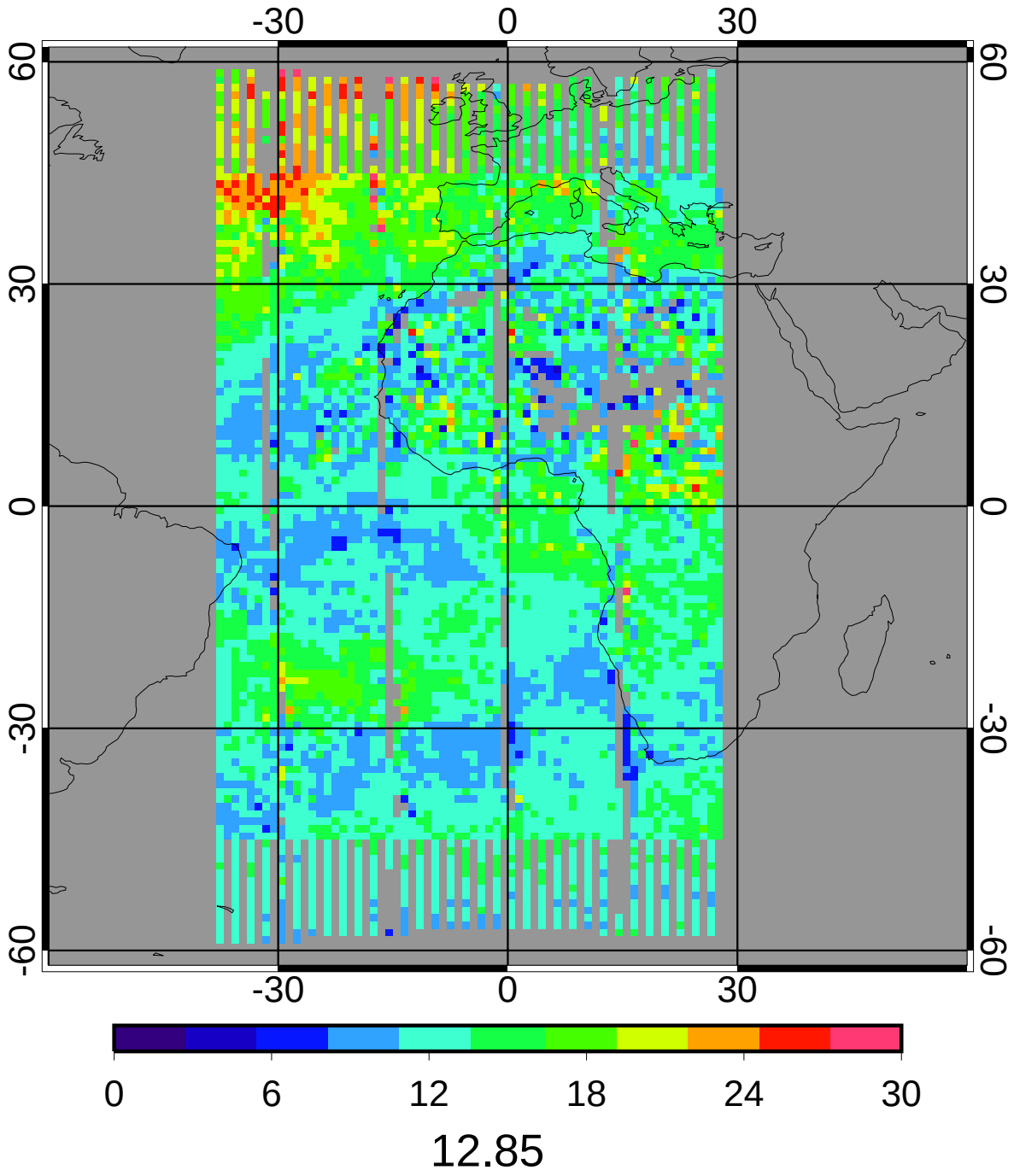
5ch_V01 Jan 2010



regave rms	10.82	44.99%
domain rms	13.79	57.36%

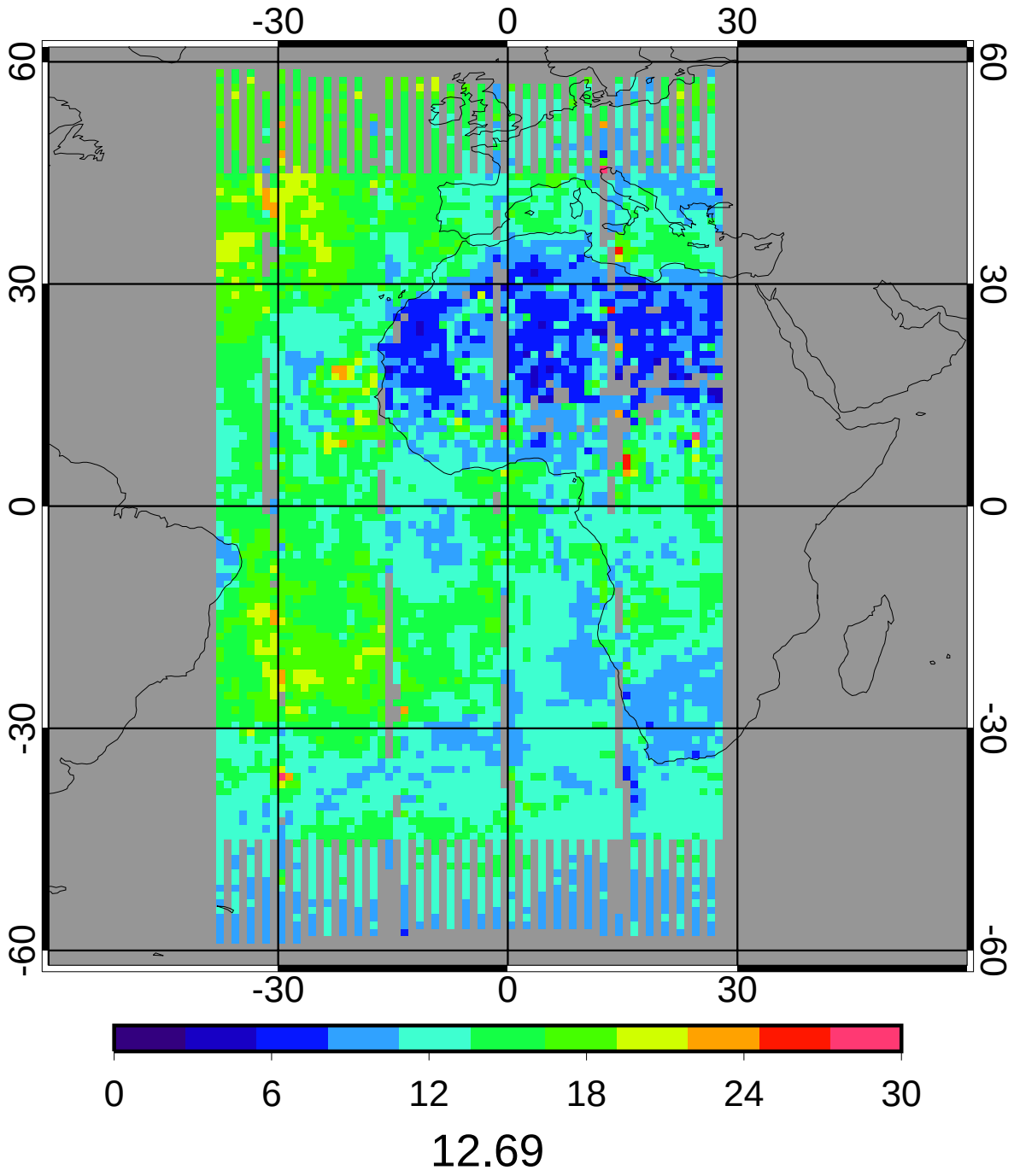
GGEO MEAN Daytime Liquid Particle Size (microns)

5ch_V01 Jan 2010



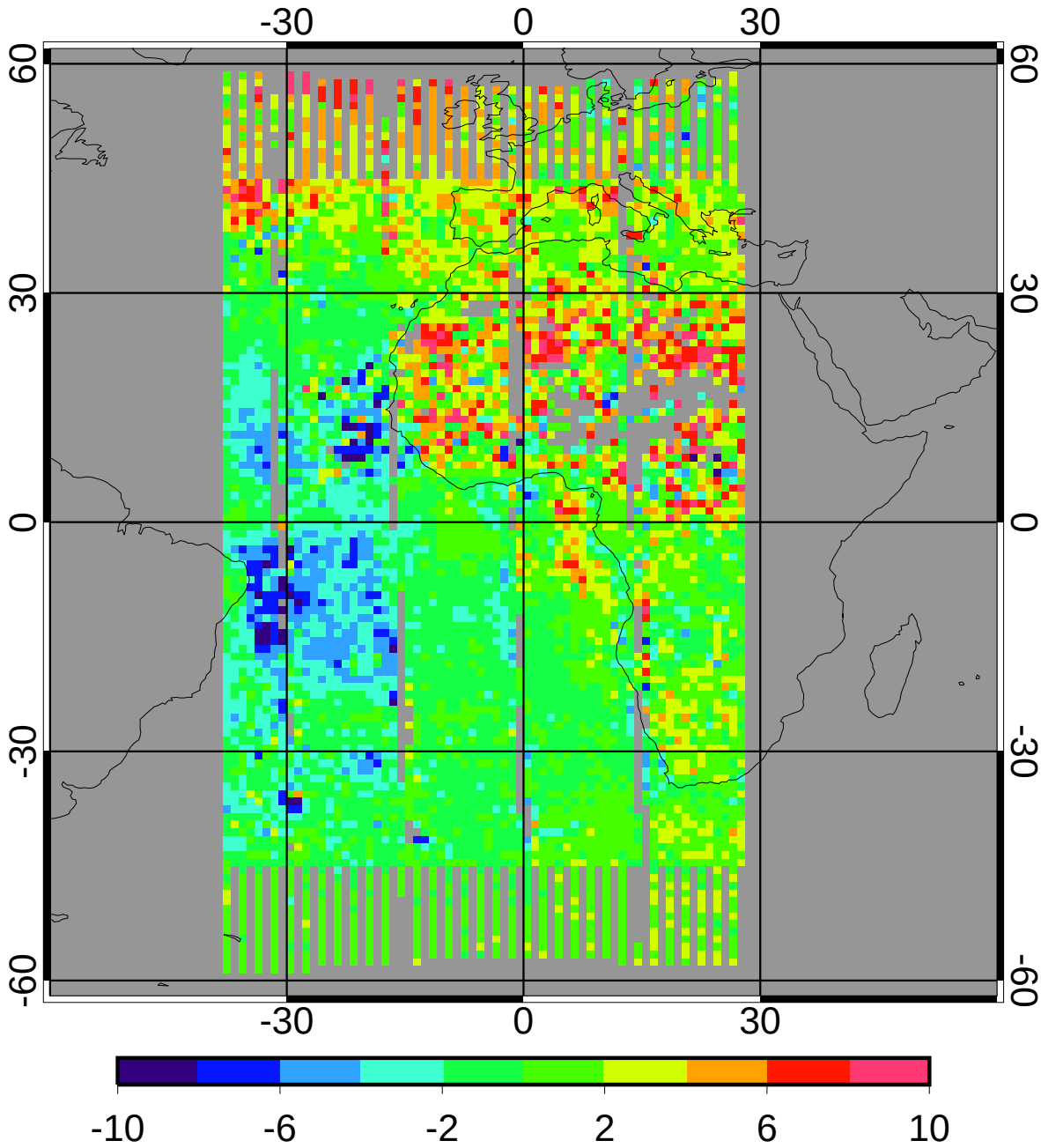
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch_V01 Jan 2010



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

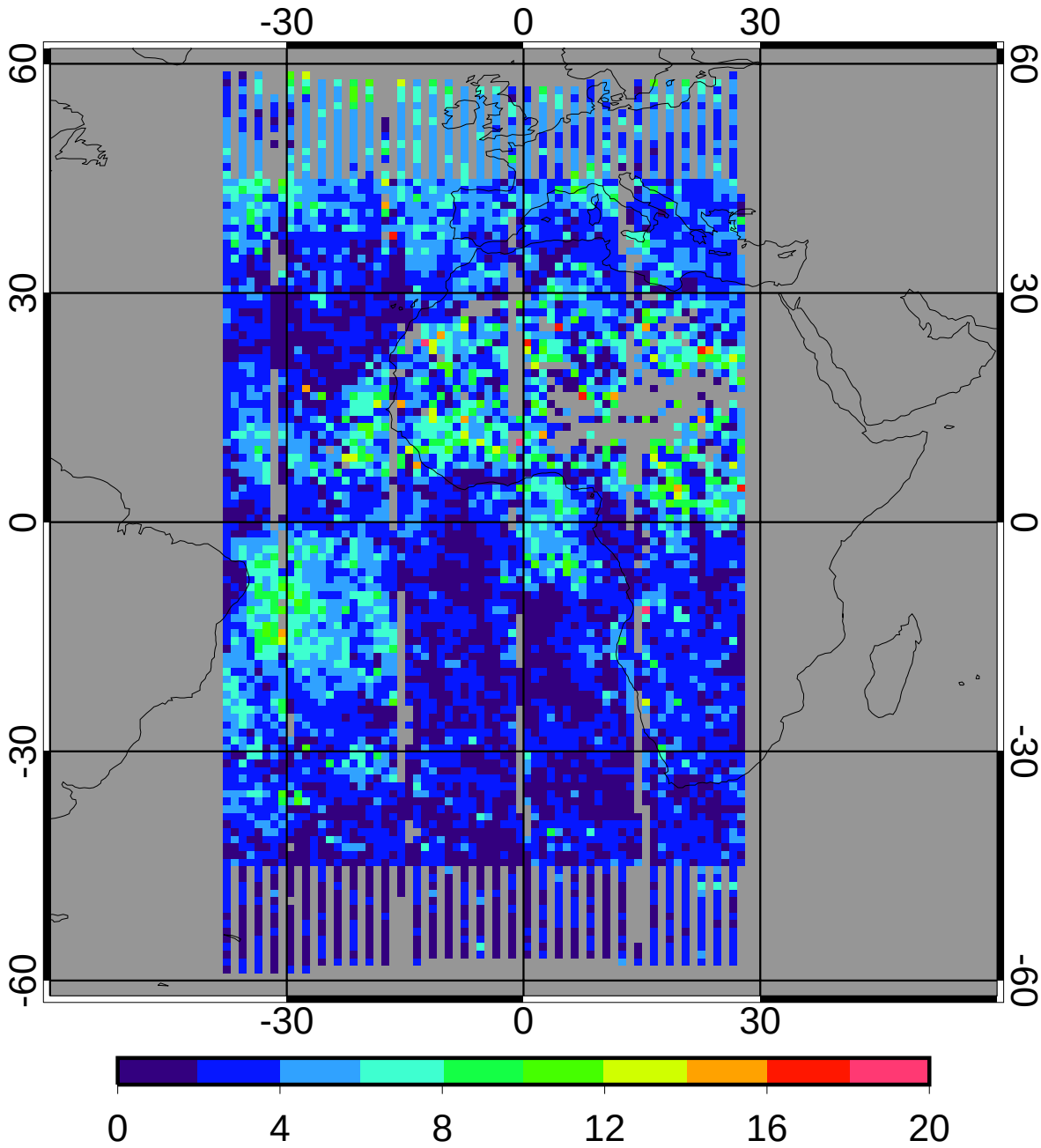
5ch_V01 Jan 2010



bias	0.35	2.79%
domain sigma	2.85	22.48%

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

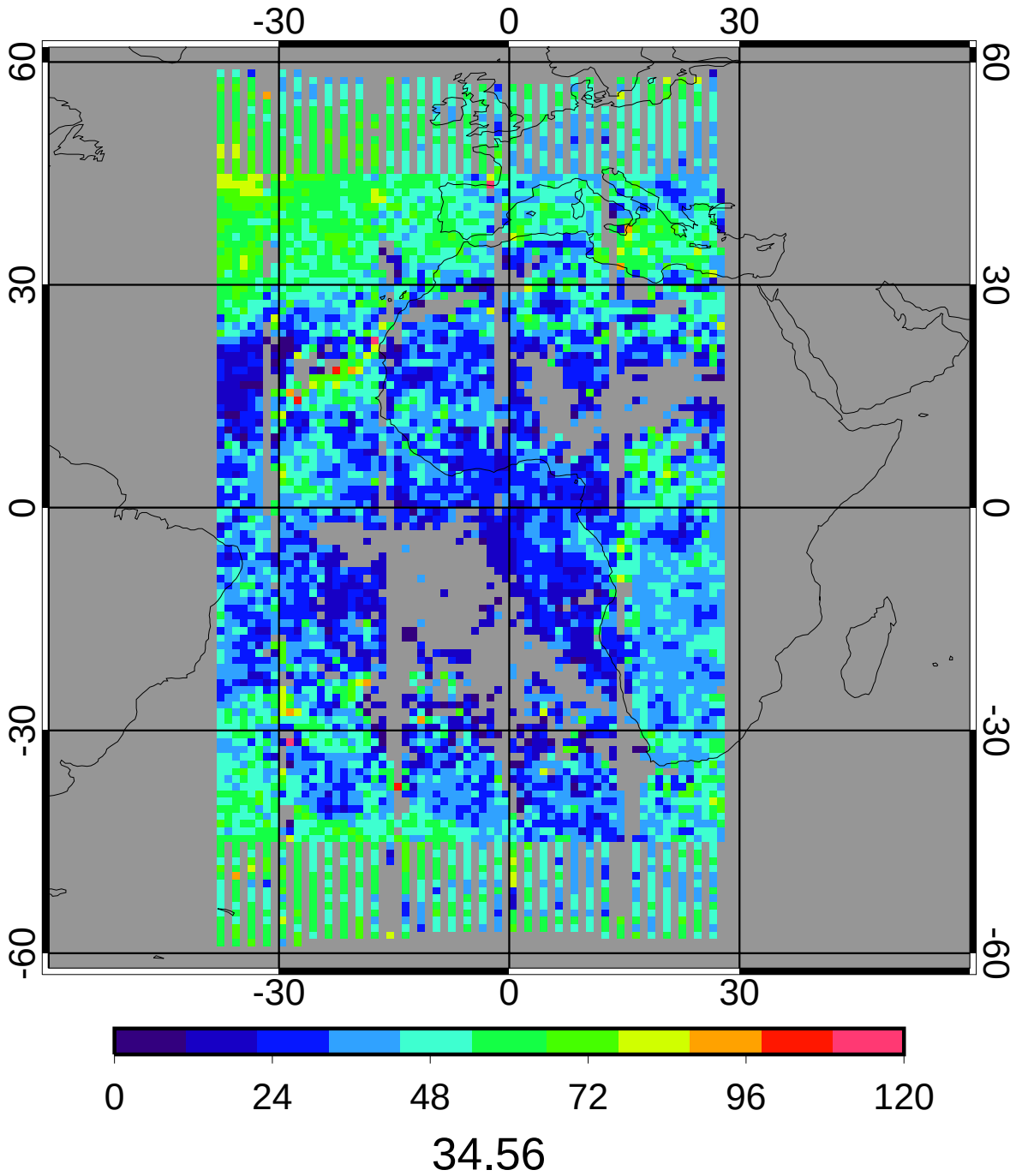
5ch_V01 Jan 2010



regave rms	3.46	27.27%
domain rms	3.60	28.41%

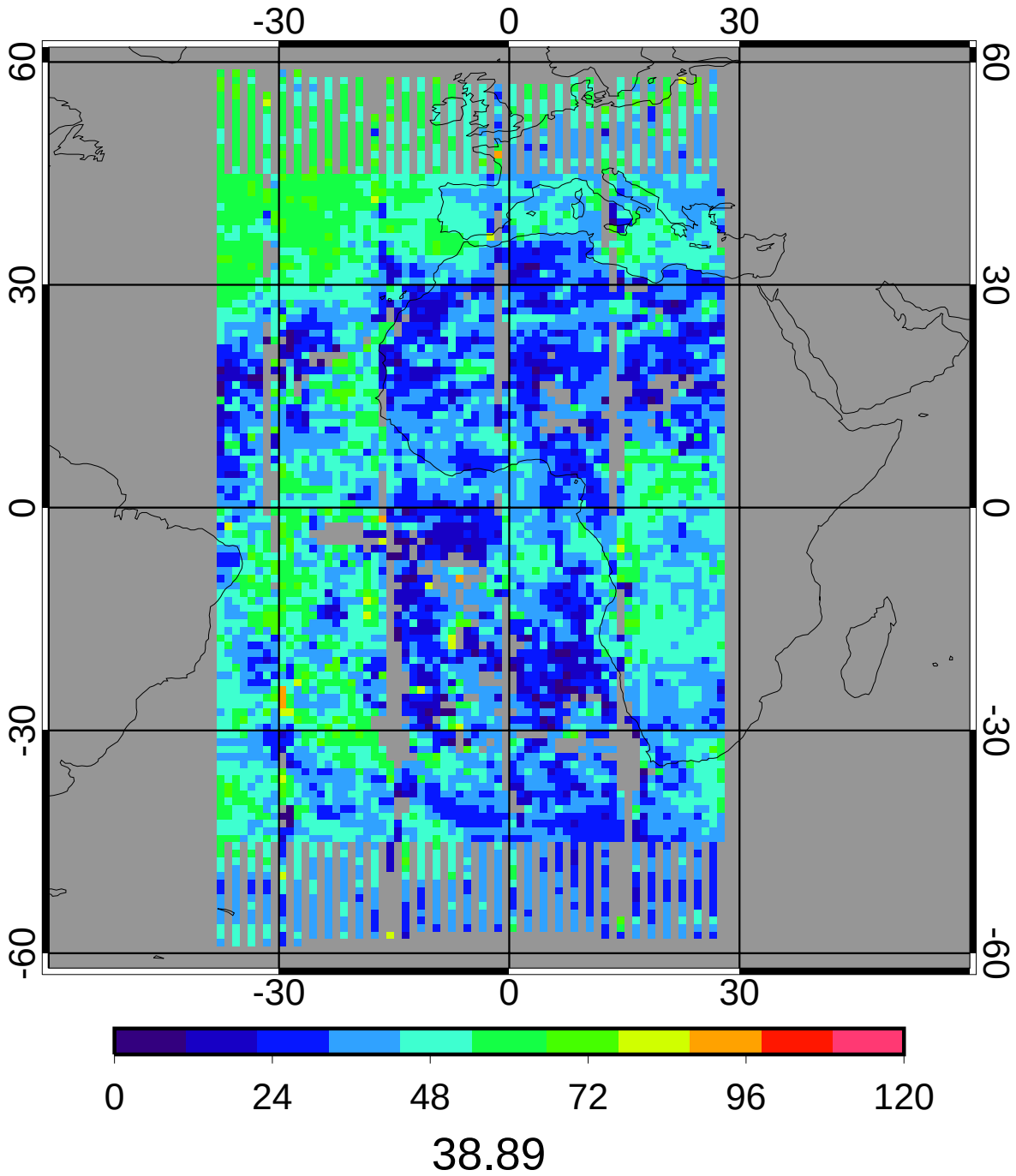
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010



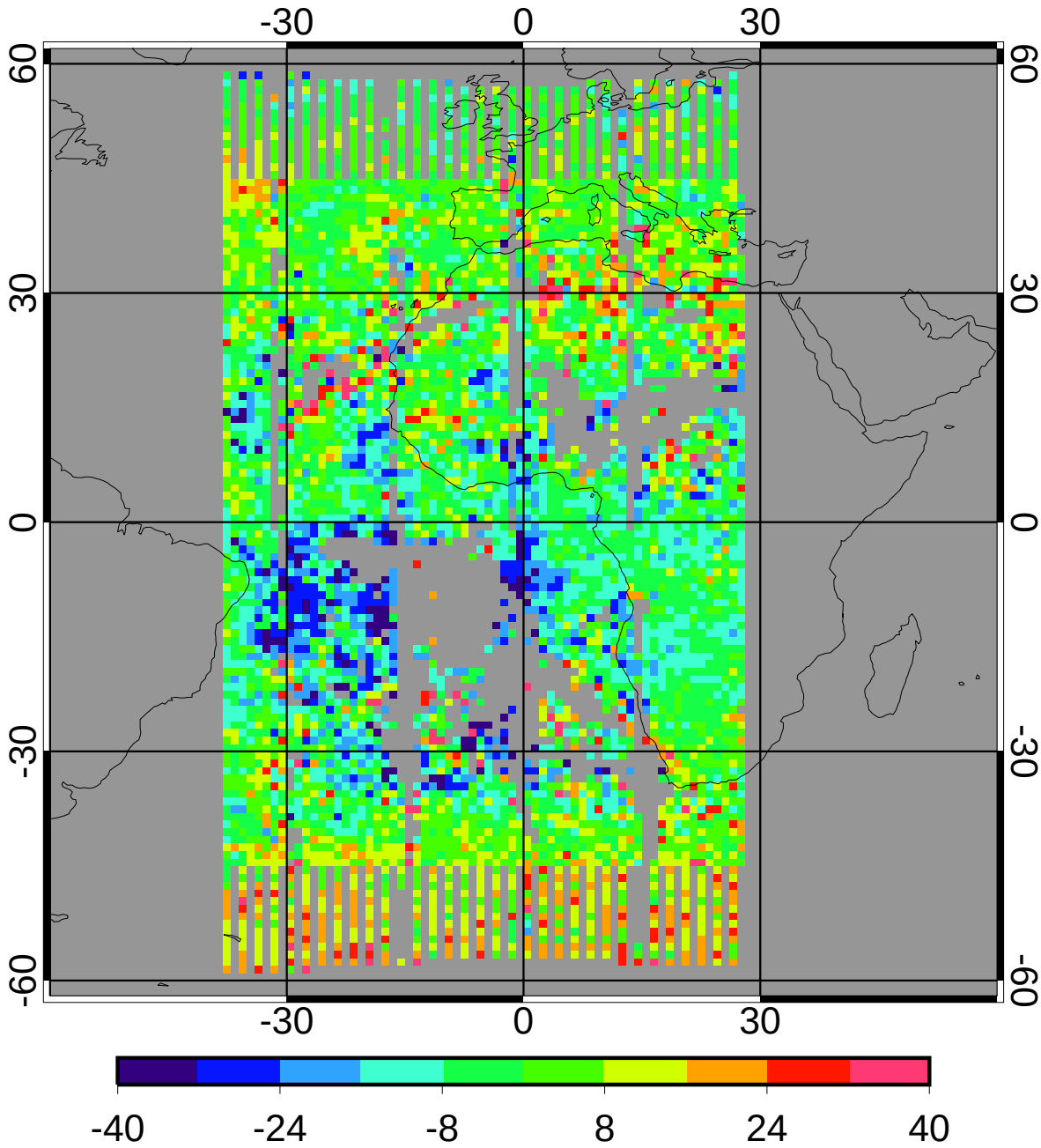
CERES/Aqua MEAN Daytime Ice Particle Size (microns)

5ch_V01 Jan 2010



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

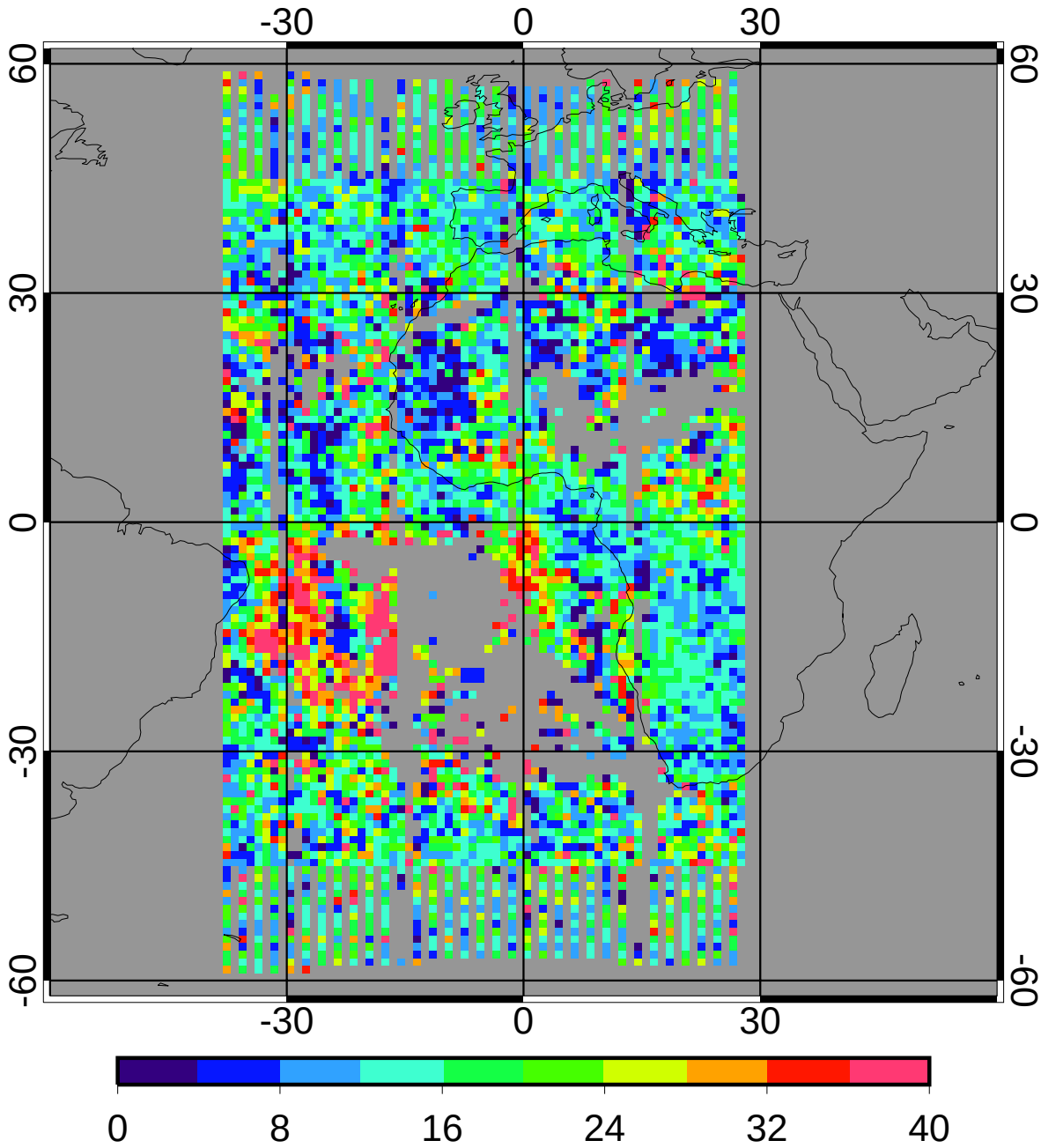
5ch_V01 Jan 2010



bias	-1.44	-3.71%
domain sigma	12.38	31.84%

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

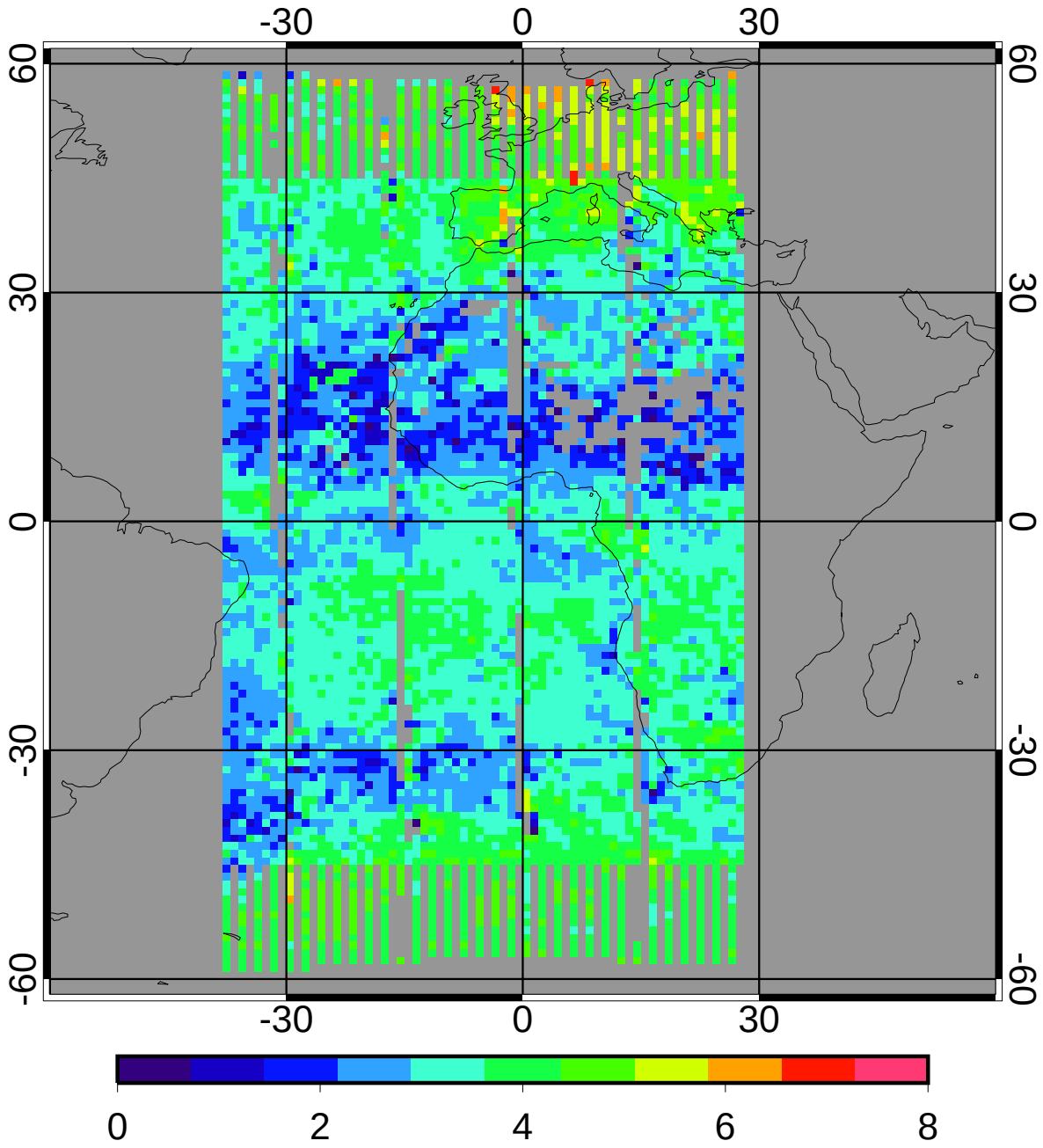
5ch_V01 Jan 2010



regave rms	13.98	35.94%
domain rms	16.81	43.22%

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

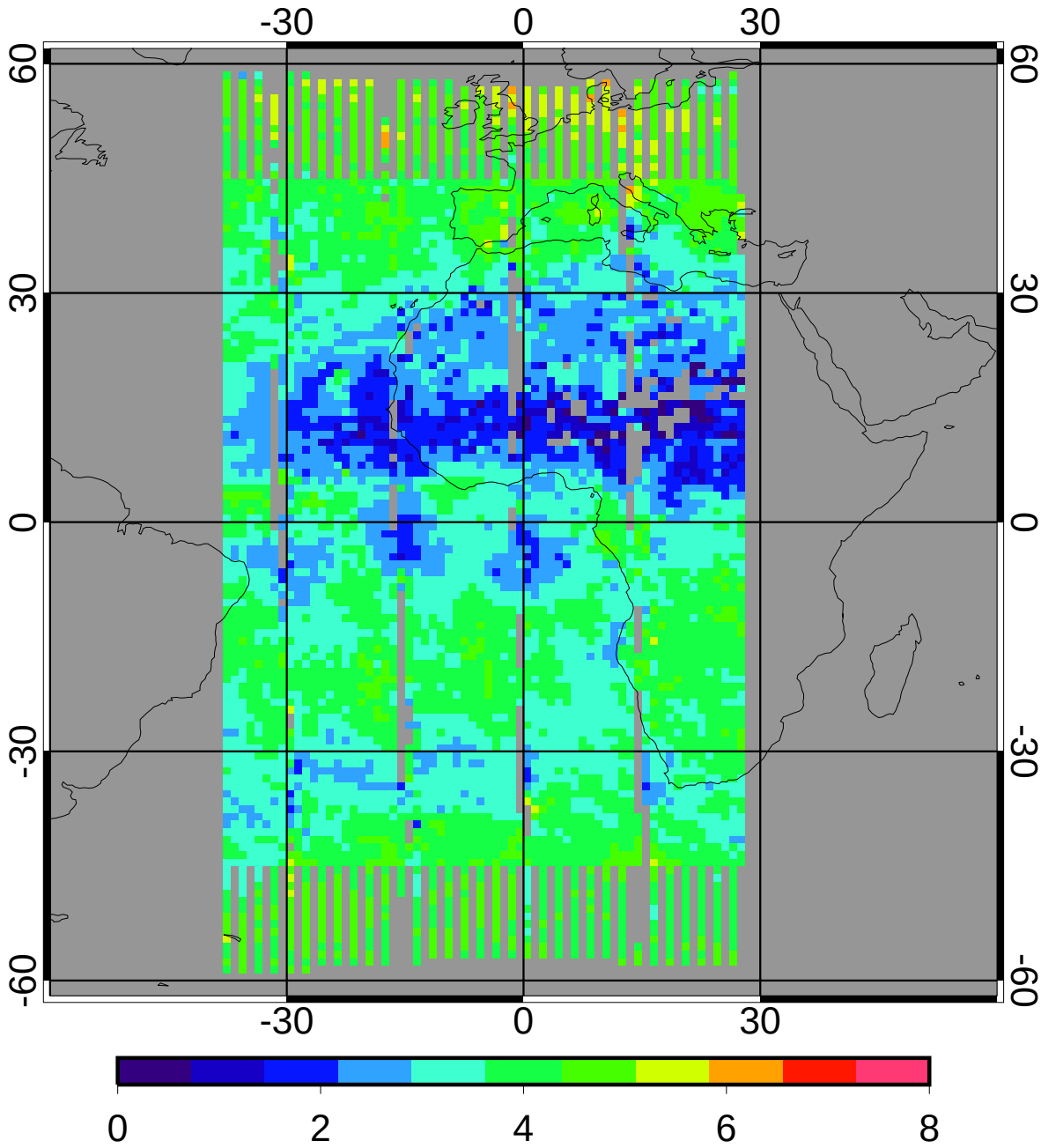
5ch_V01 Jan 2010



3.10

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

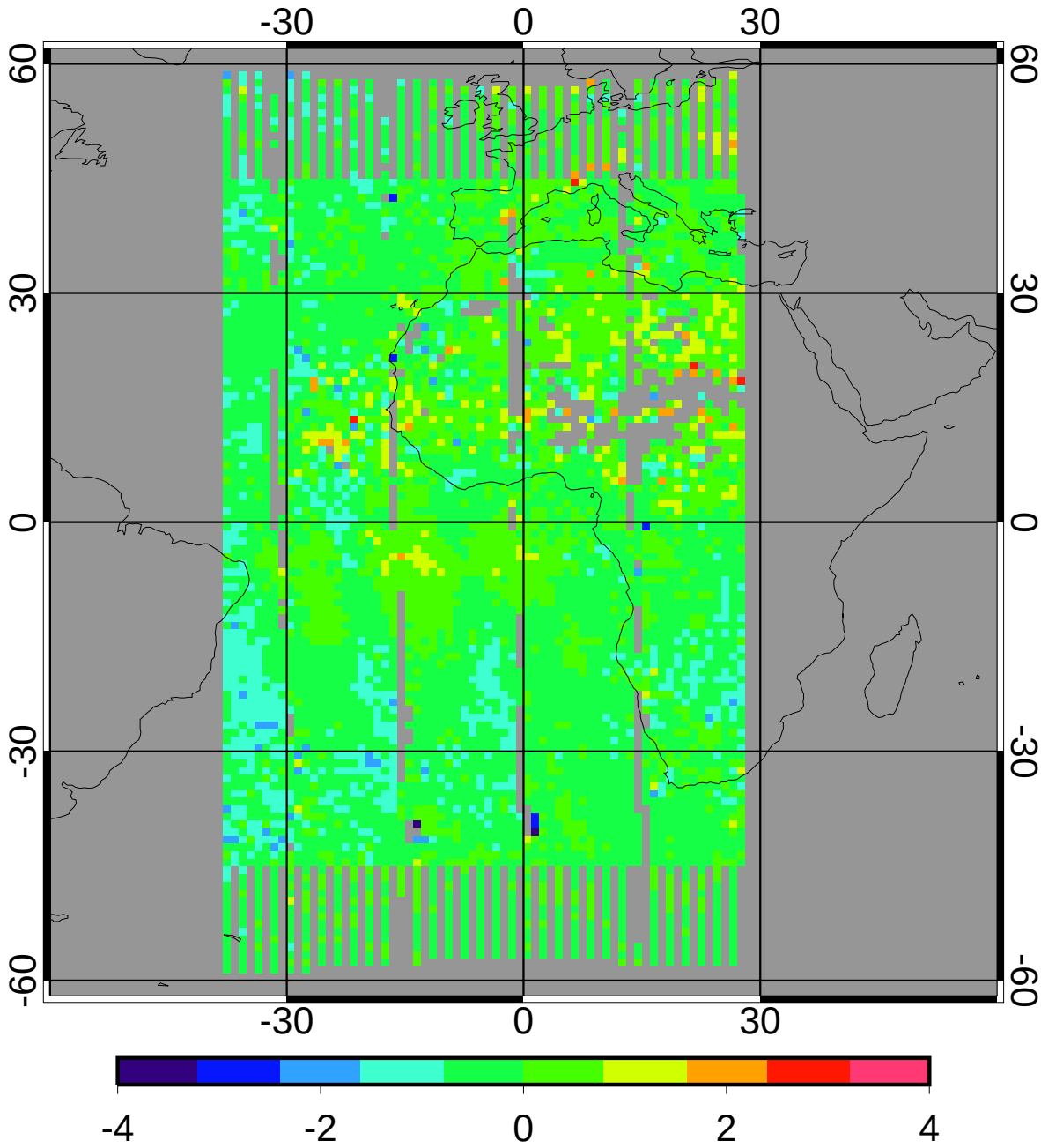
5ch_V01 Jan 2010



3.31

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

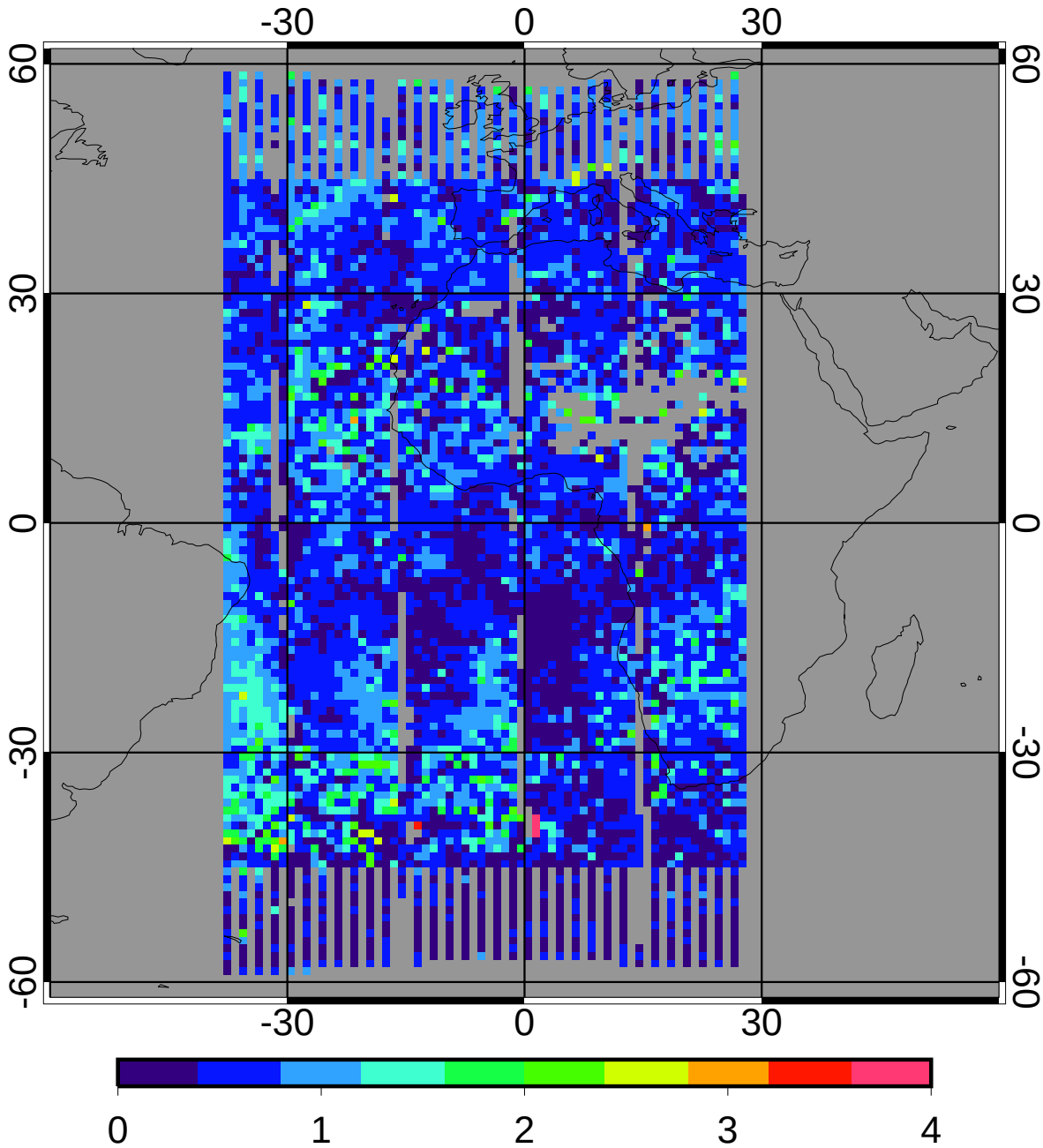
5ch_V01 Jan 2010



bias	-0.17	-5.20%
domain sigma	0.48	14.58%

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

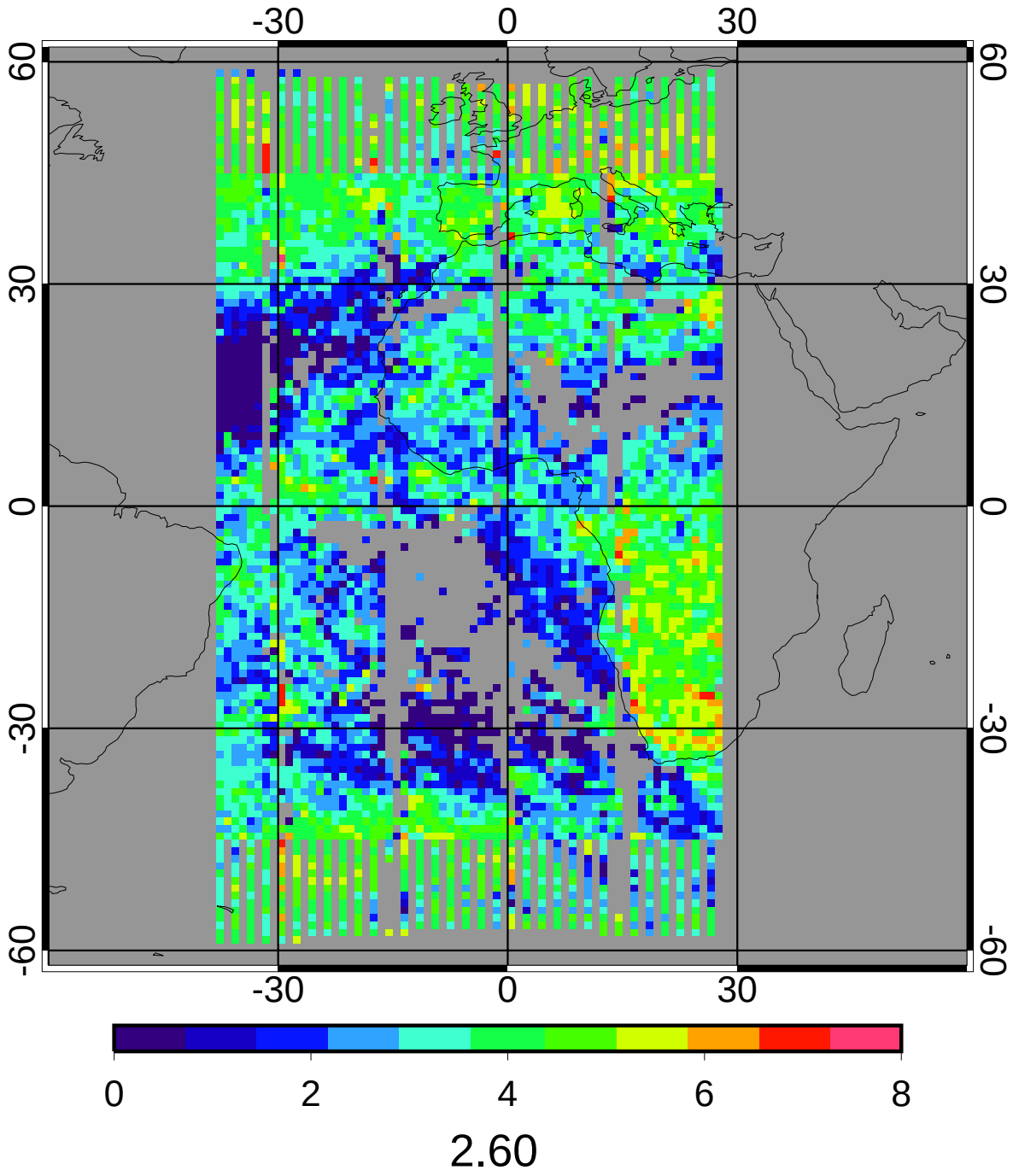
5ch_V01 Jan 2010



regave rms	0.63	19.14%
domain rms	0.70	21.09%

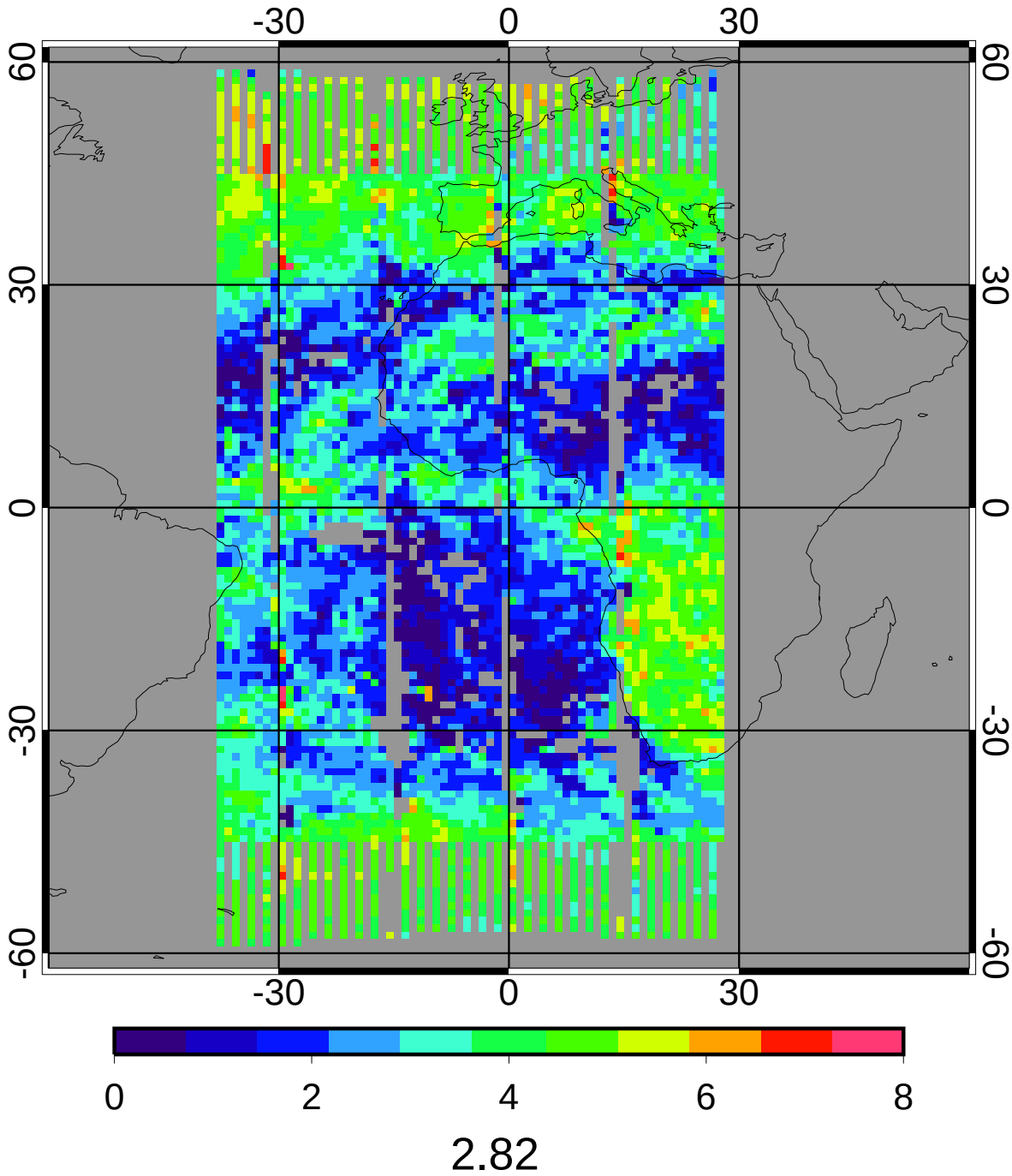
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010



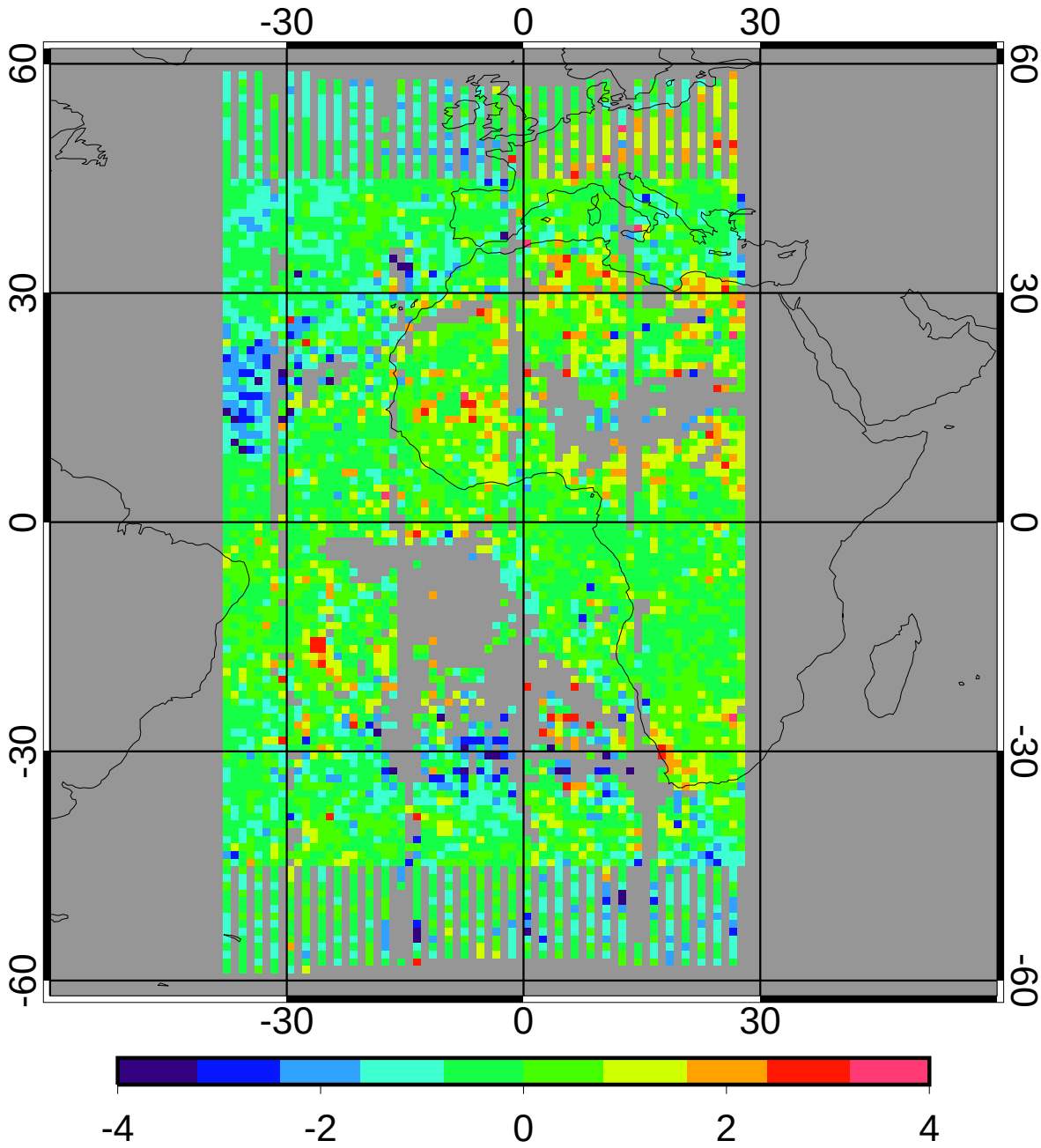
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010



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

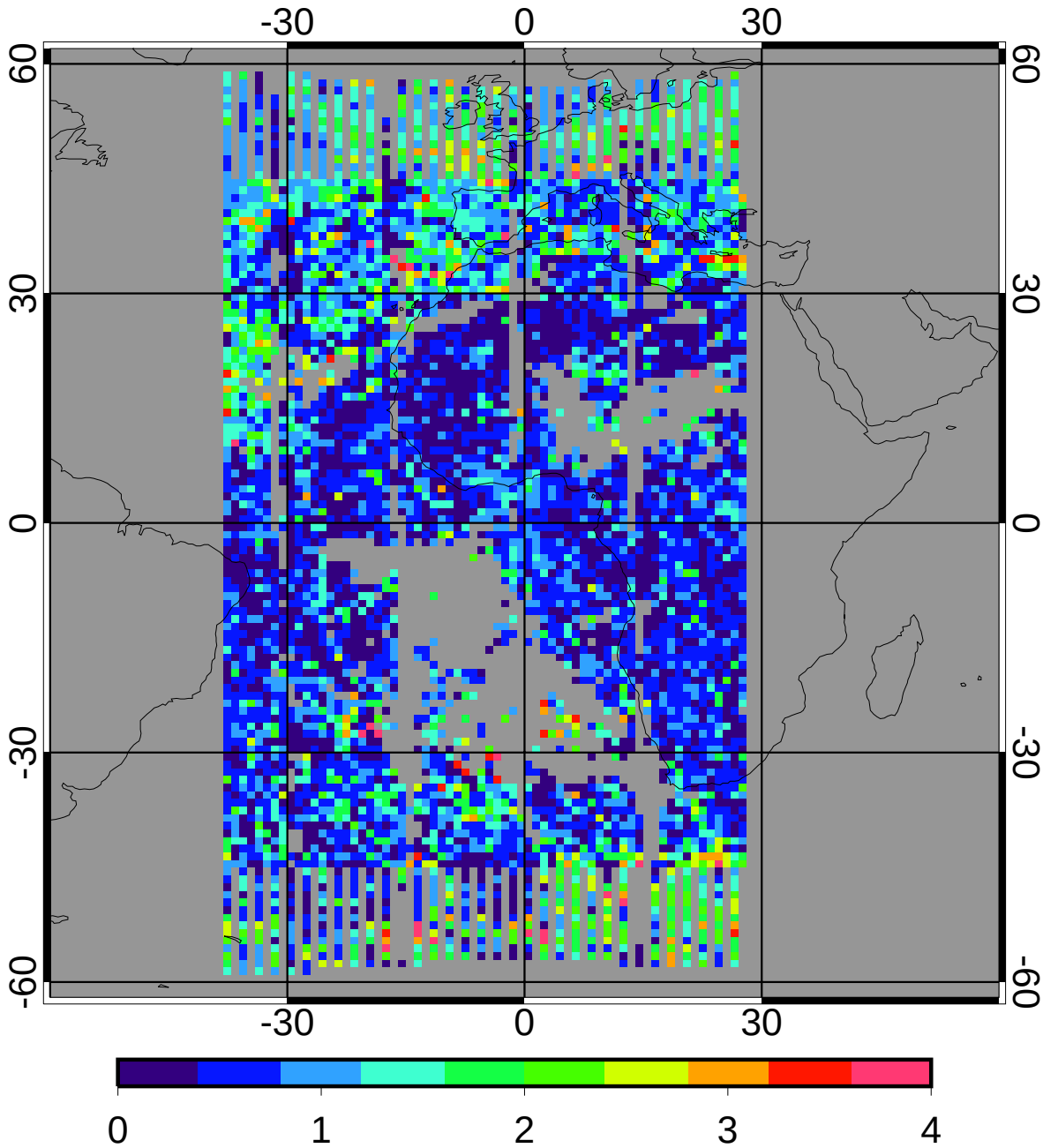
5ch_V01 Jan 2010



bias	-0.10	-3.67%
domain sigma	0.84	29.66%

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

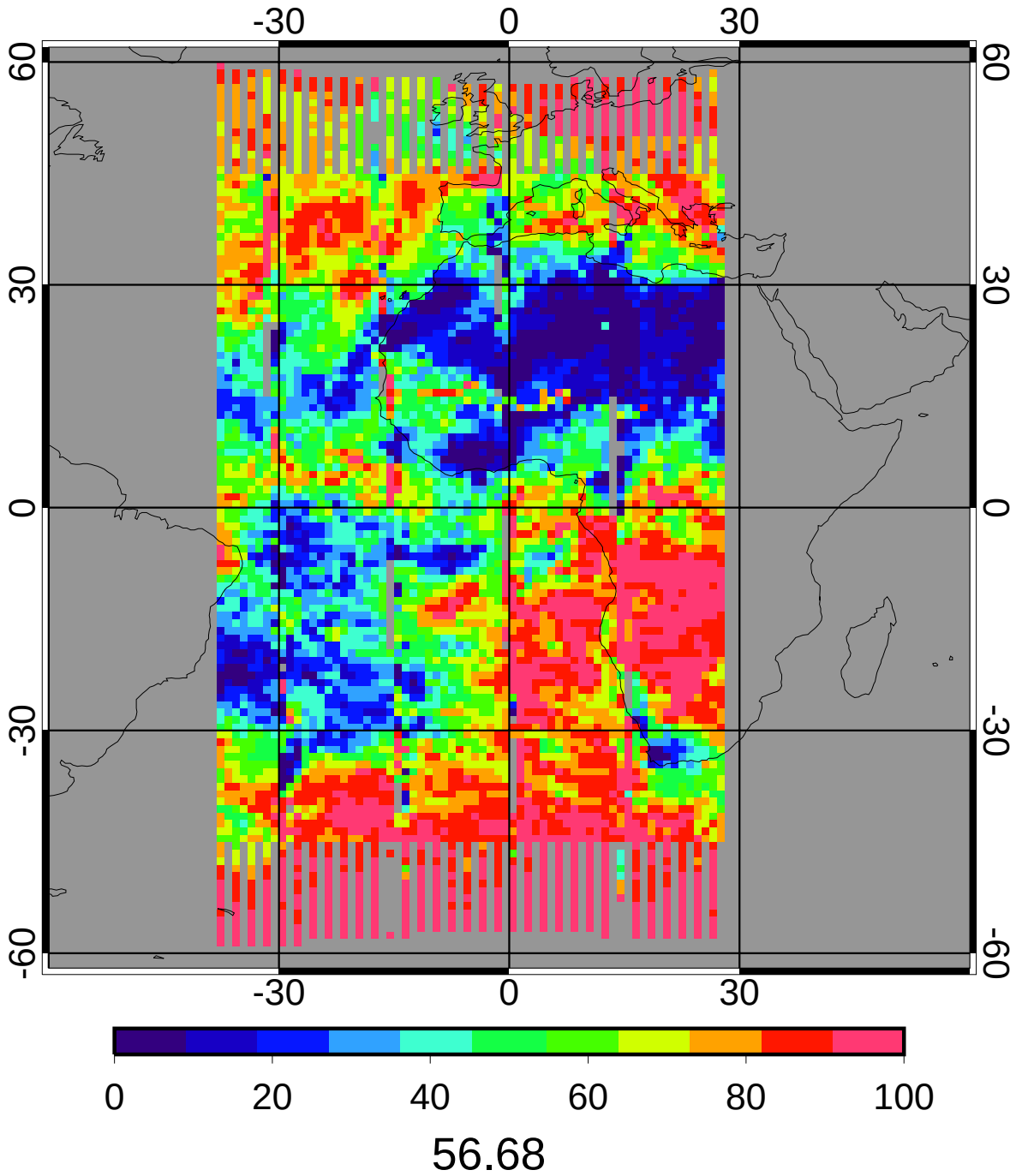
5ch_V01 Jan 2010



regave rms	0.71	25.19%
domain rms	1.07	37.89%

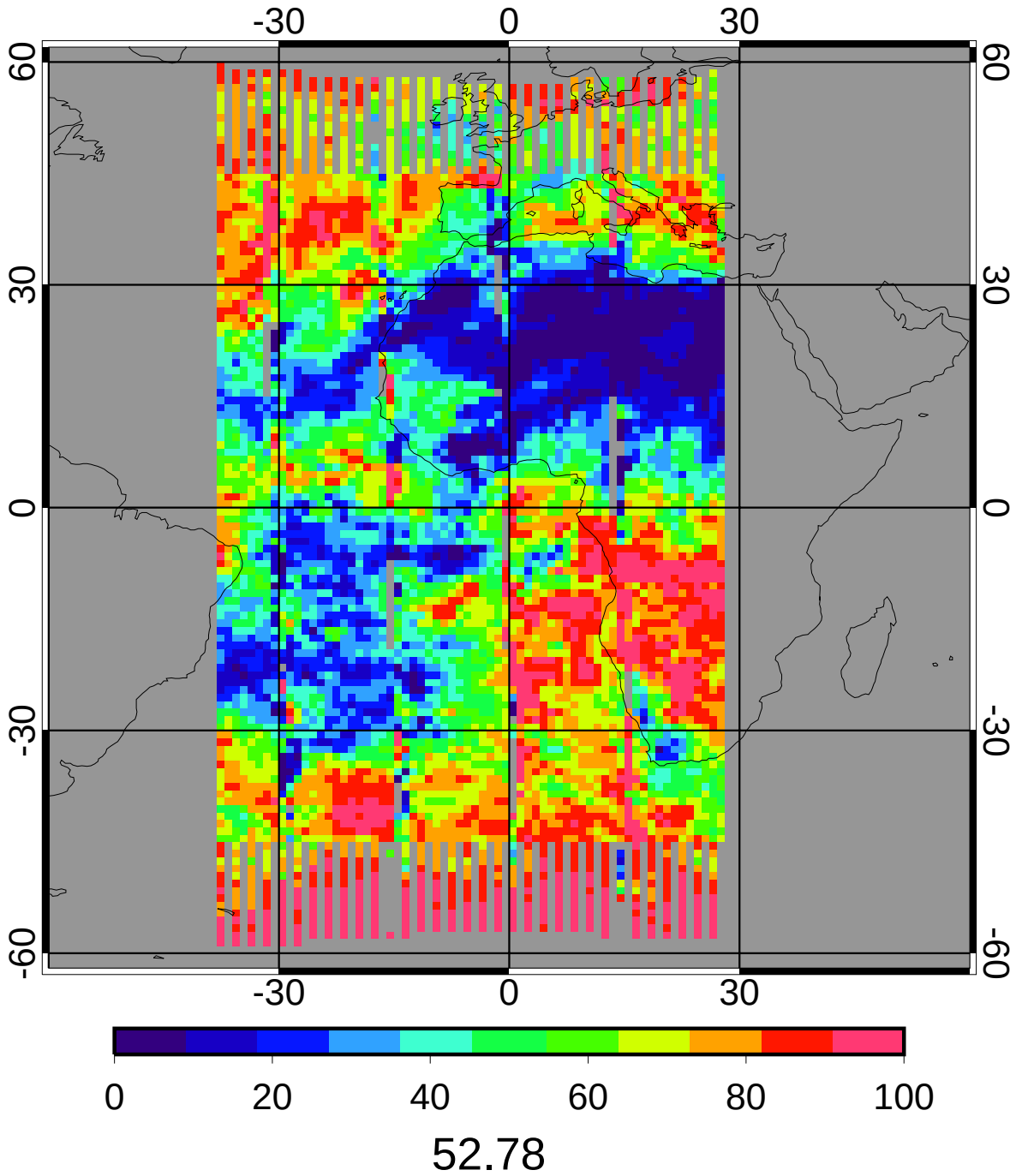
GGEO MEAN Nighttime Cloud Amount (%)

5ch_V01 Jan 2010



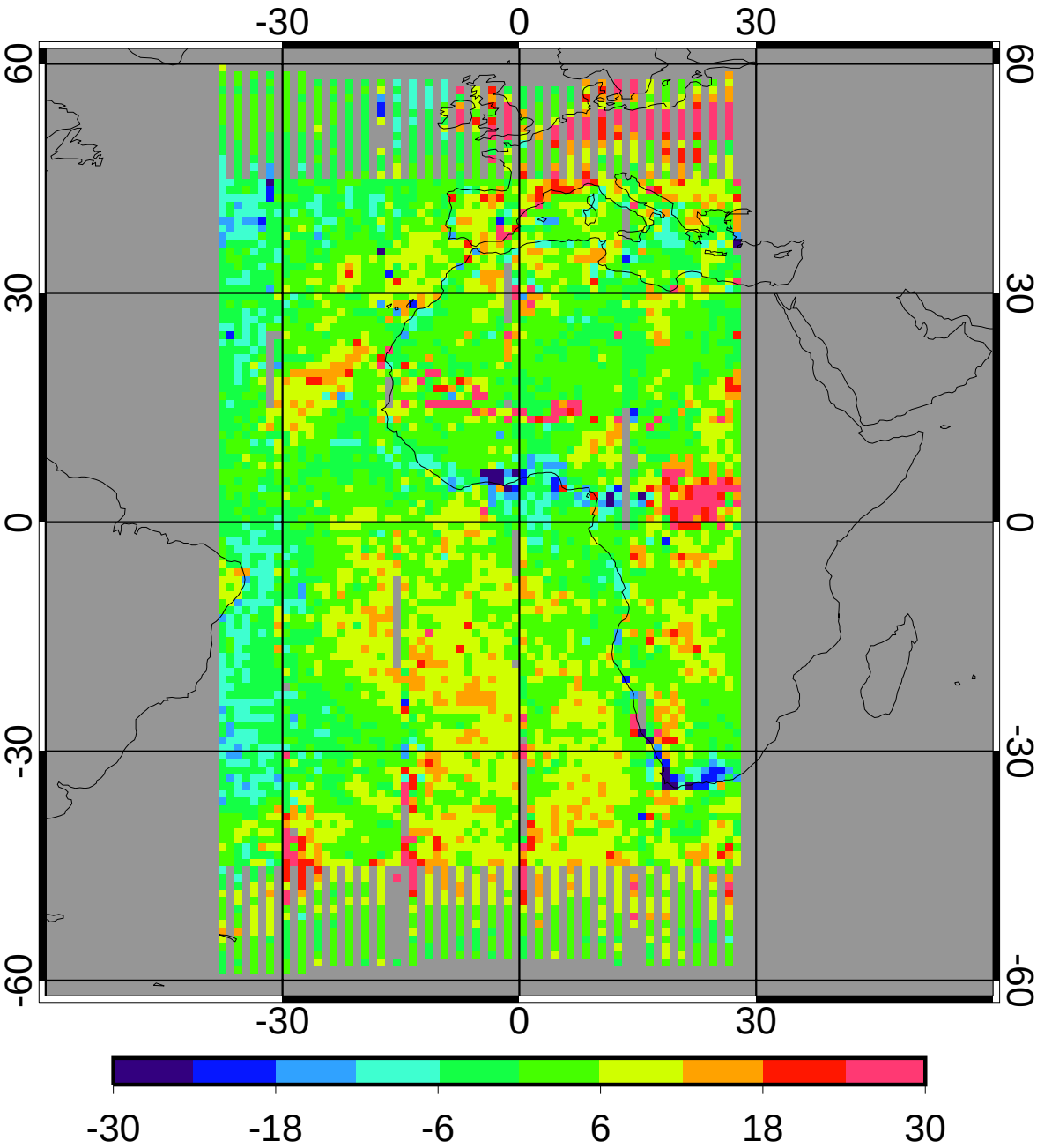
CERES/Aqua MEAN Nighttime Cloud Amount (%)

5ch_V01 Jan 2010



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

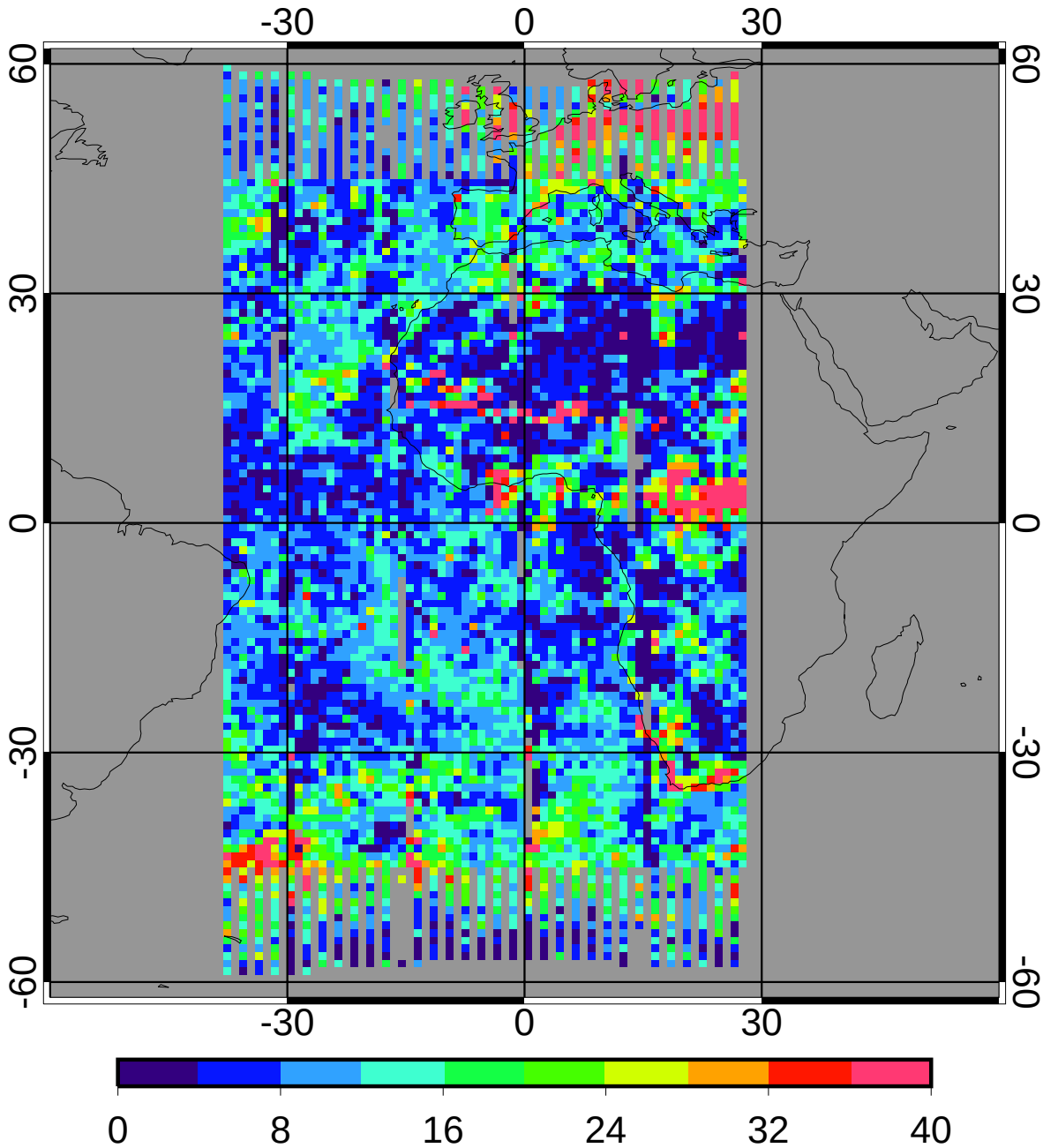
5ch_V01 Jan 2010



bias	3.90	7.39%
domain sigma	7.42	14.06%

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

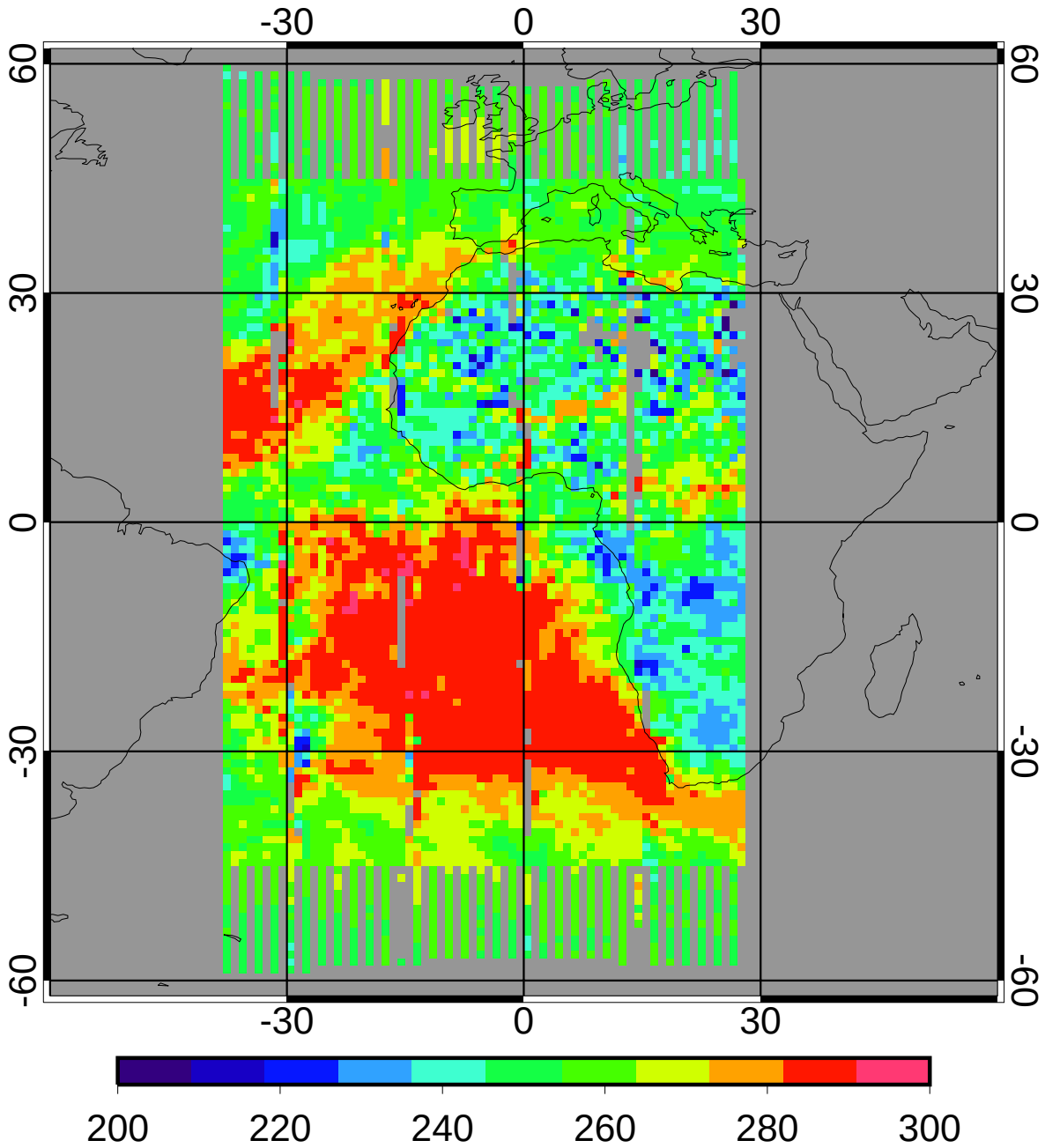
5ch_V01 Jan 2010



regave rms	11.53	21.85%
domain rms	13.67	25.90%

GGEO MEAN Nighttime Cloud Temperature (K)

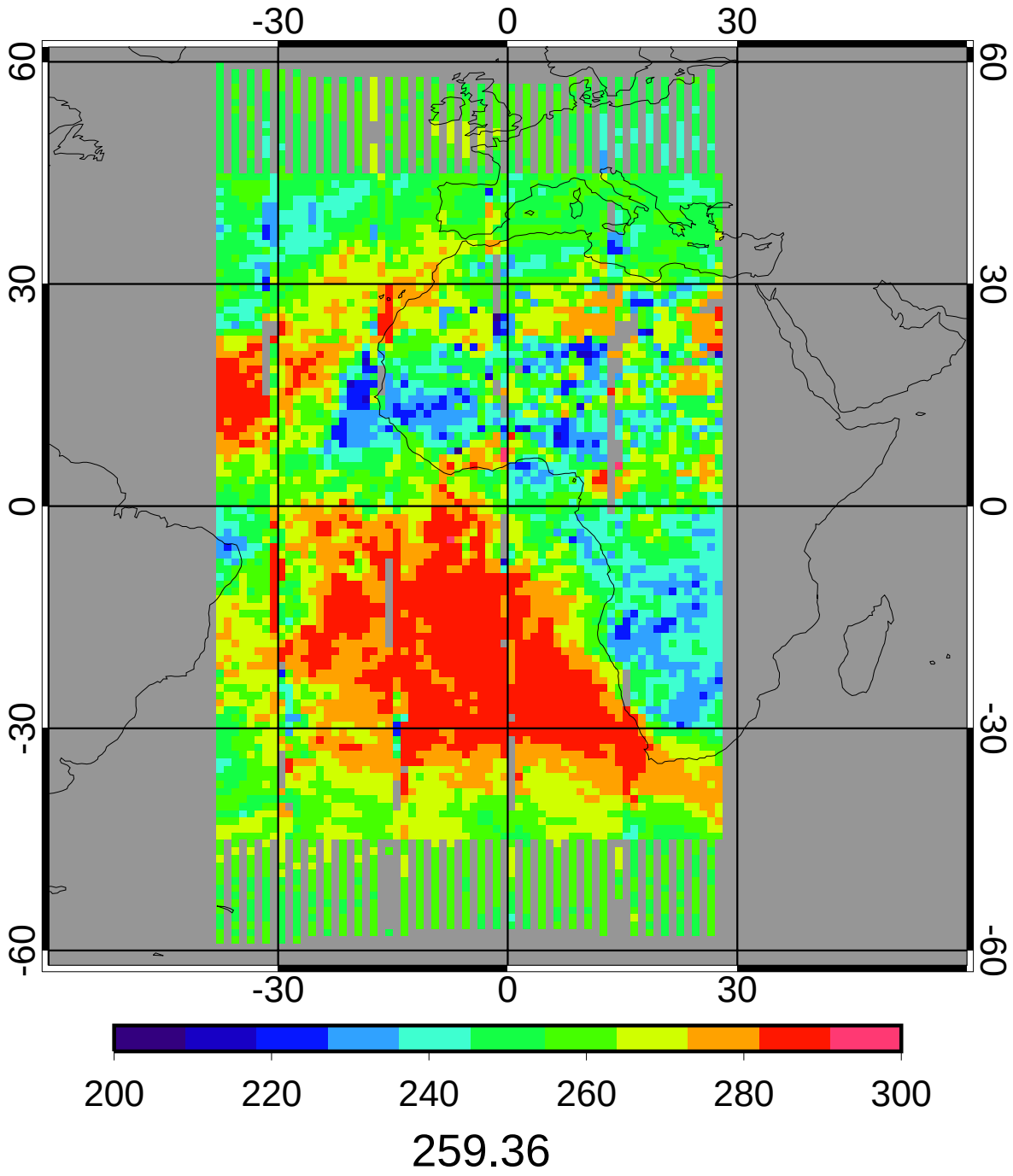
5ch_V01 Jan 2010



258.61

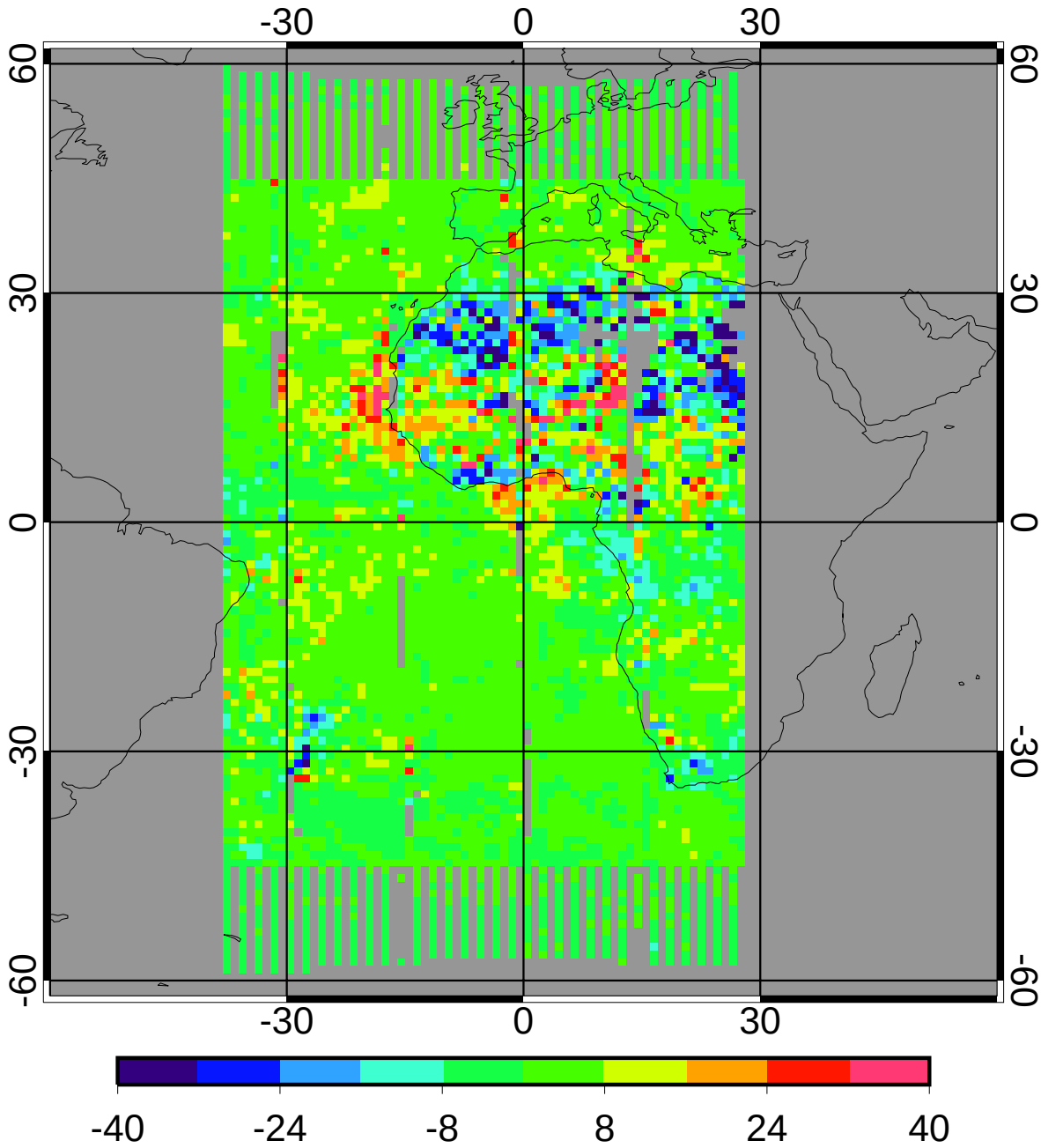
CERES/Aqua MEAN Nighttime Cloud Temperature (K)

5ch_V01 Jan 2010



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

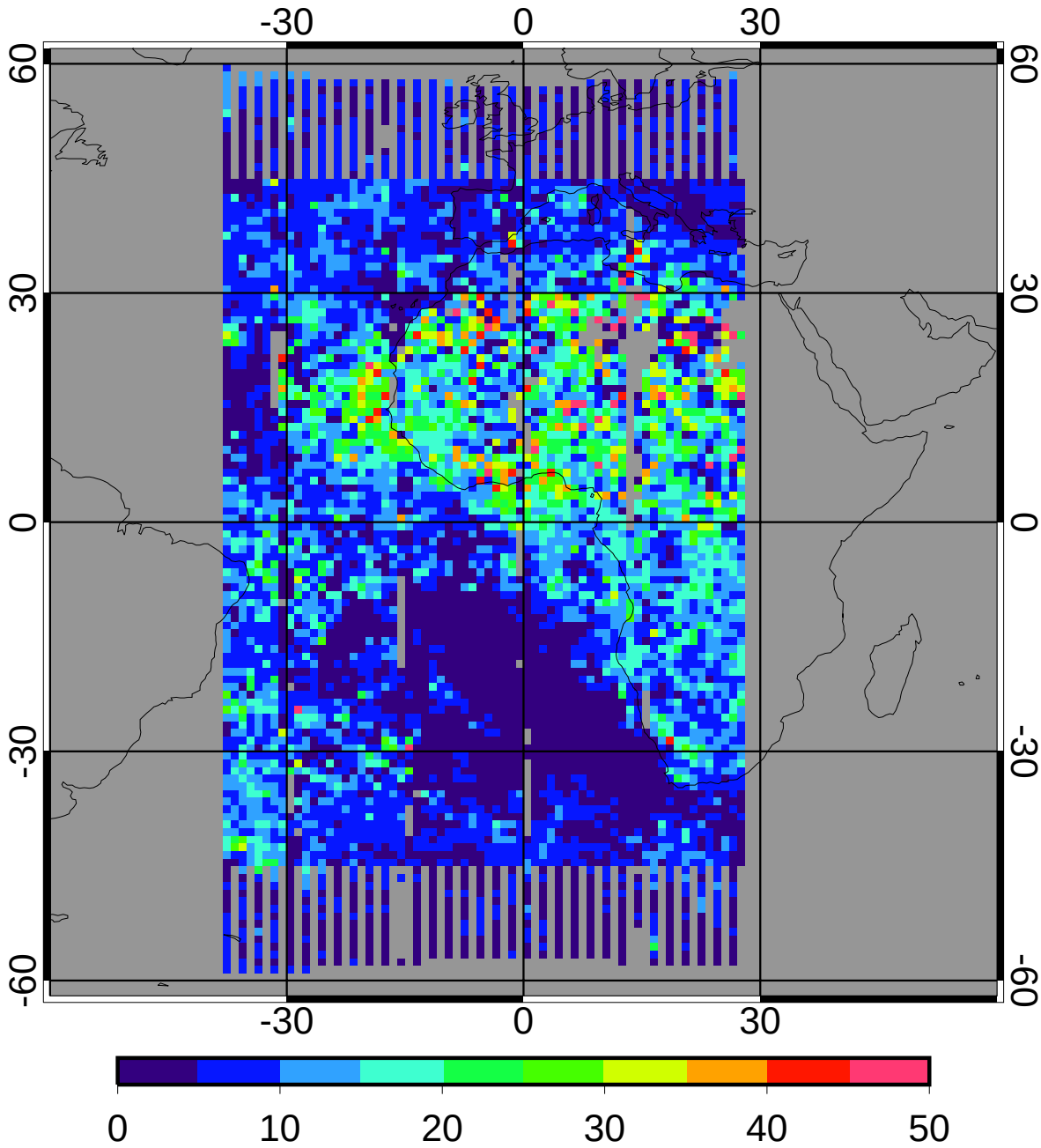
5ch_V01 Jan 2010



bias	1.25	0.48%
domain sigma	8.84	3.41%

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

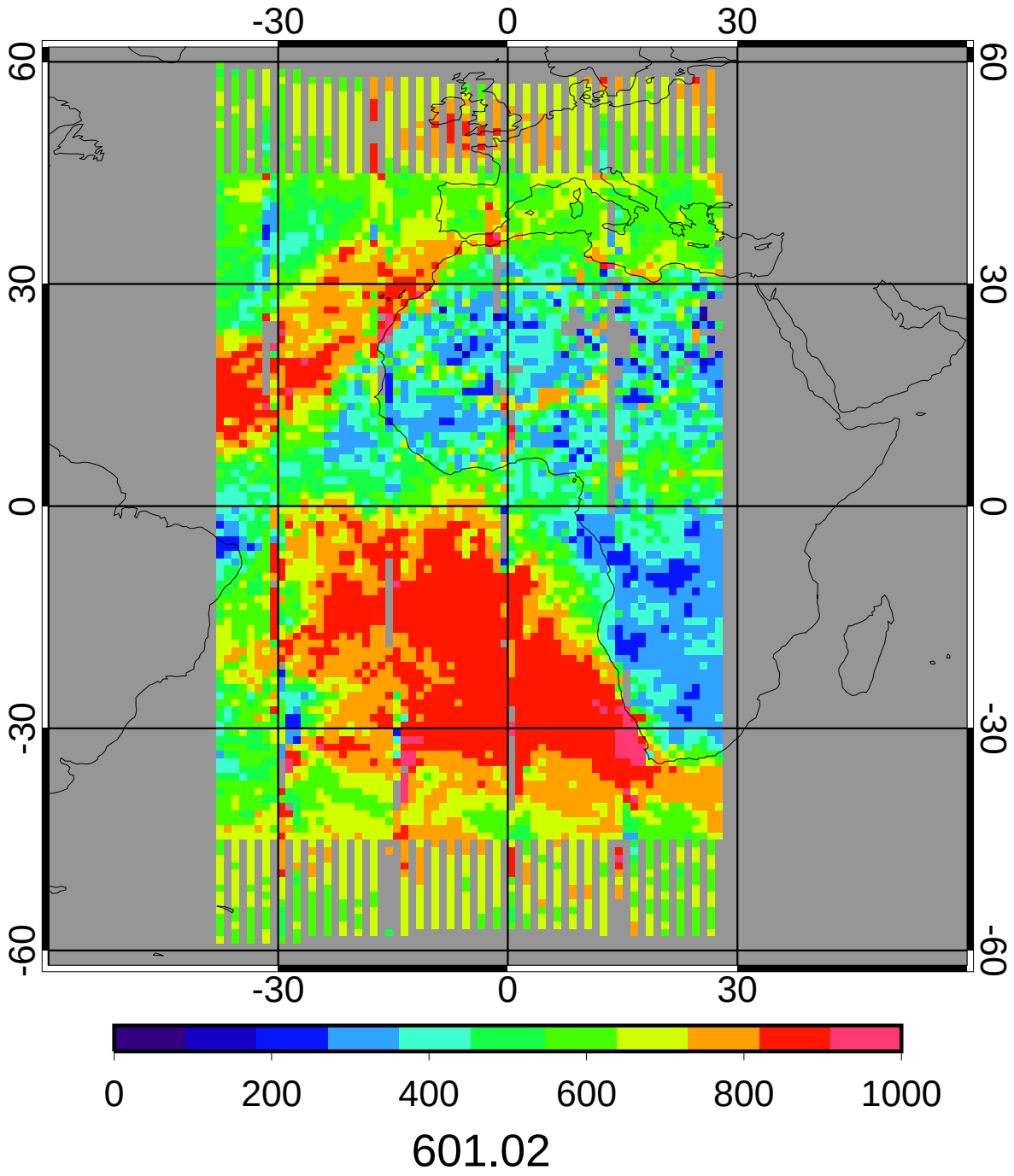
5ch_V01 Jan 2010



regave rms	9.97	3.84%
domain rms	10.50	4.05%

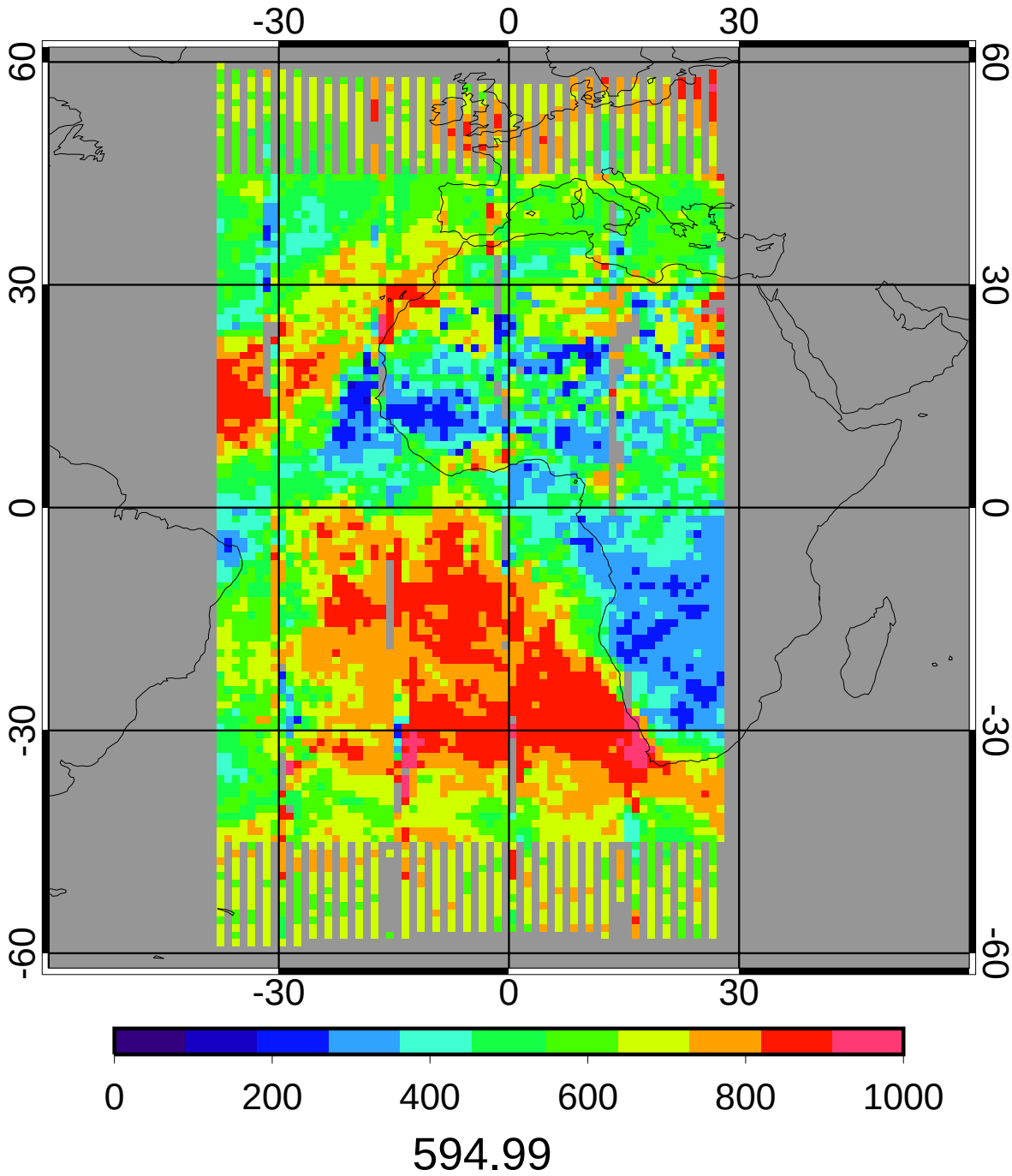
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010



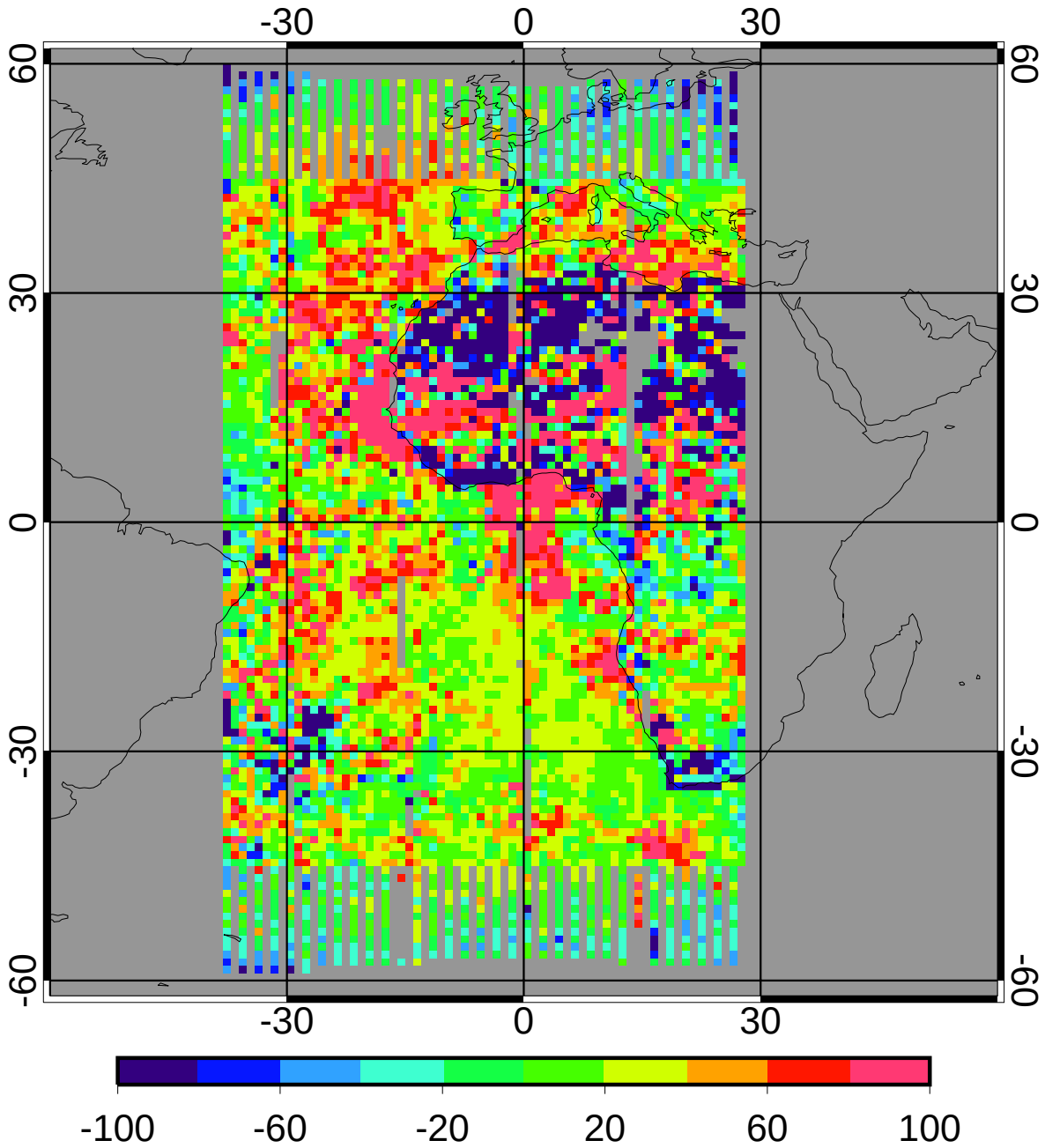
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_V01 Jan 2010



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

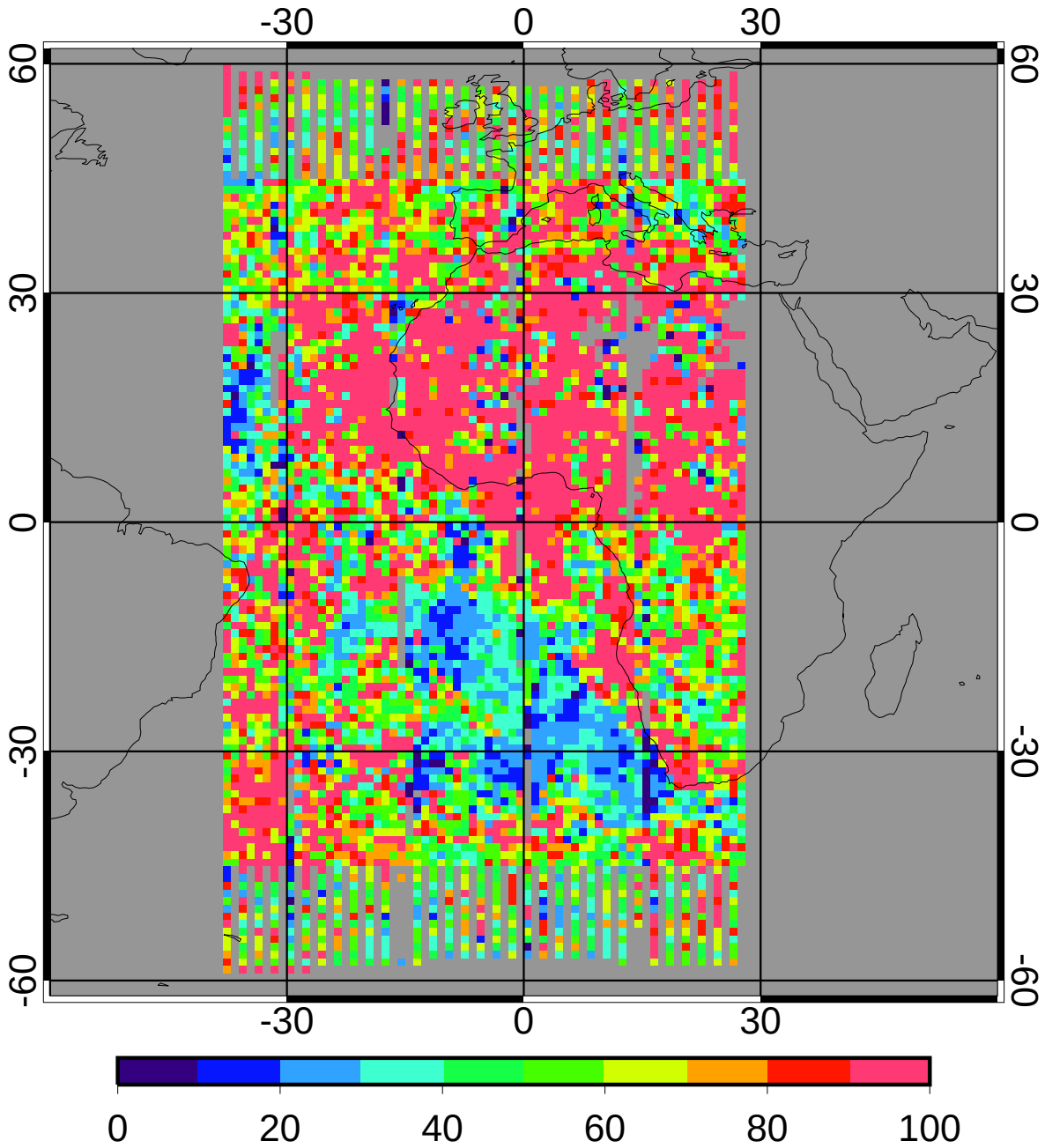
5ch_V01 Jan 2010



bias	11.59	1.95%
domain sigma	84.66	14.23%

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

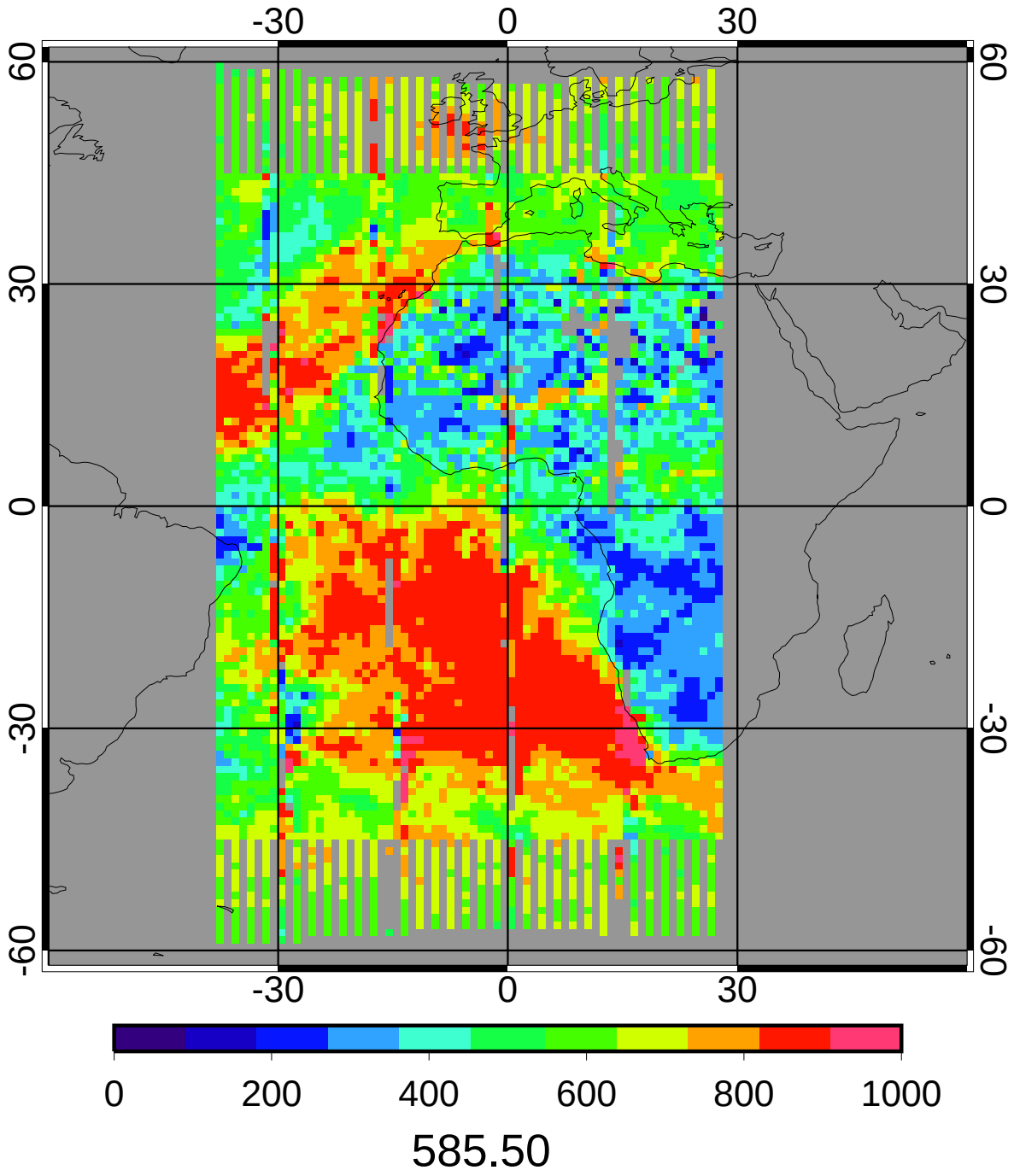
5ch_V01 Jan 2010



regave rms	85.58	14.38%
domain rms	90.98	15.29%

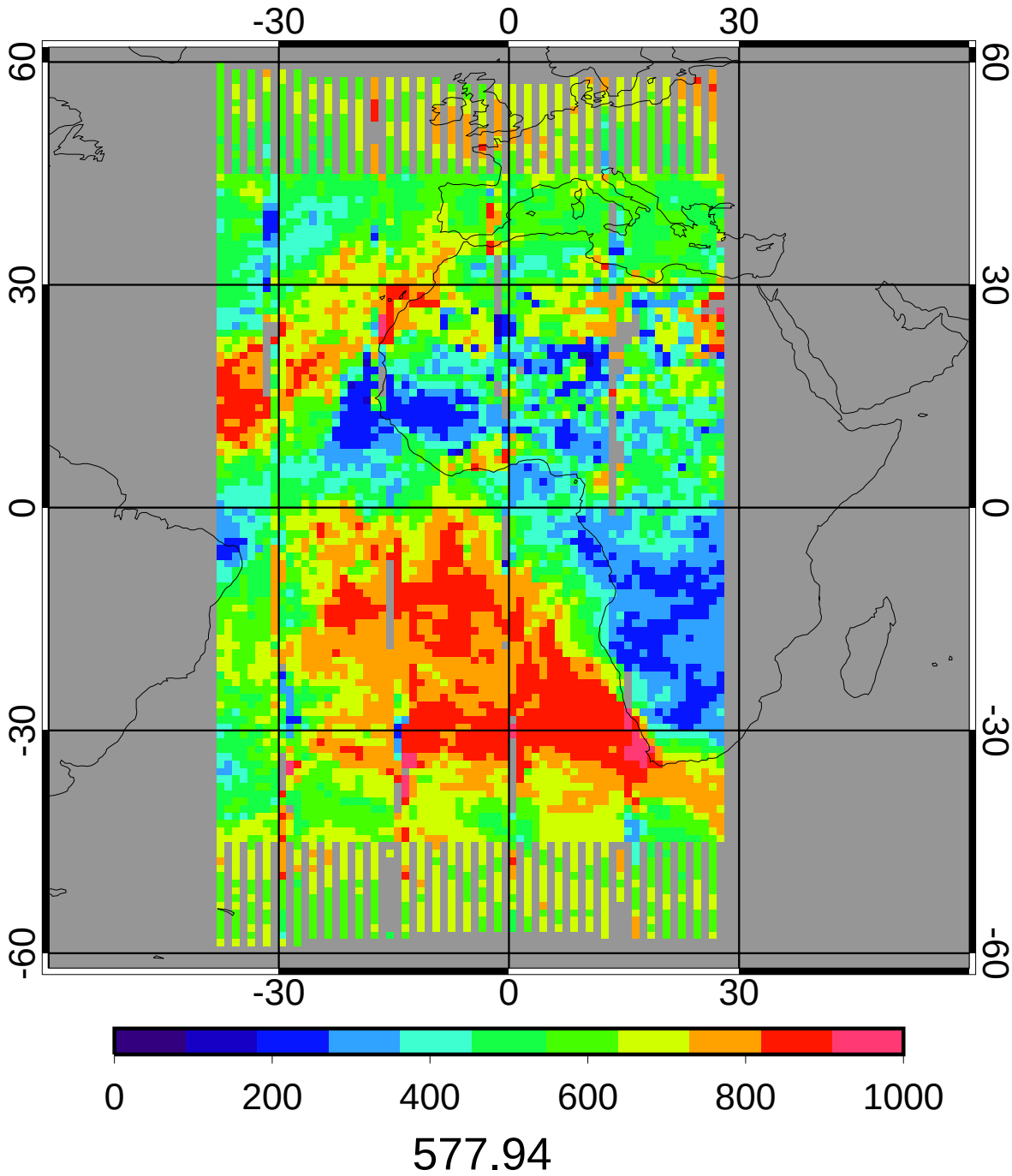
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010



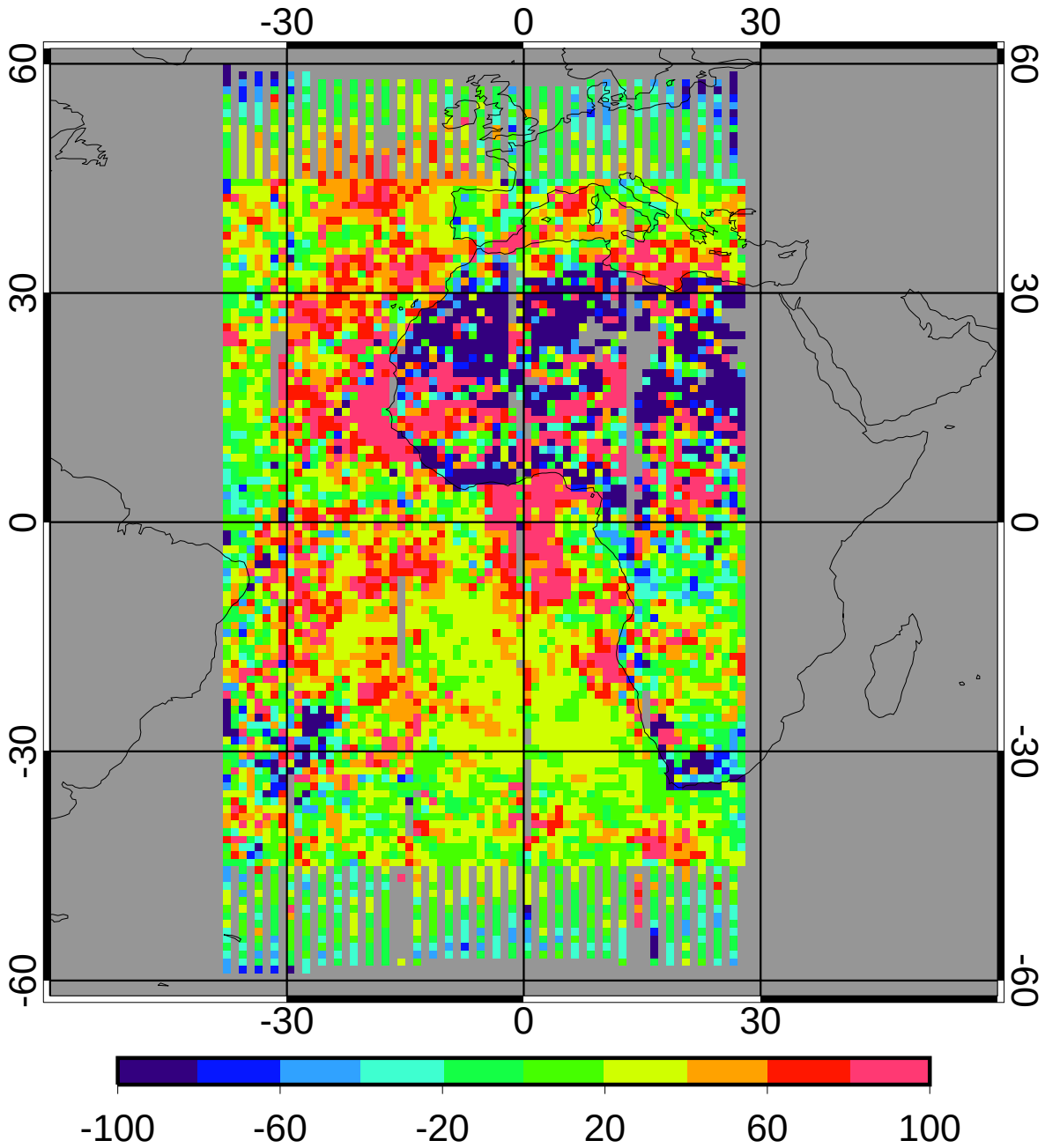
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch_V01 Jan 2010



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

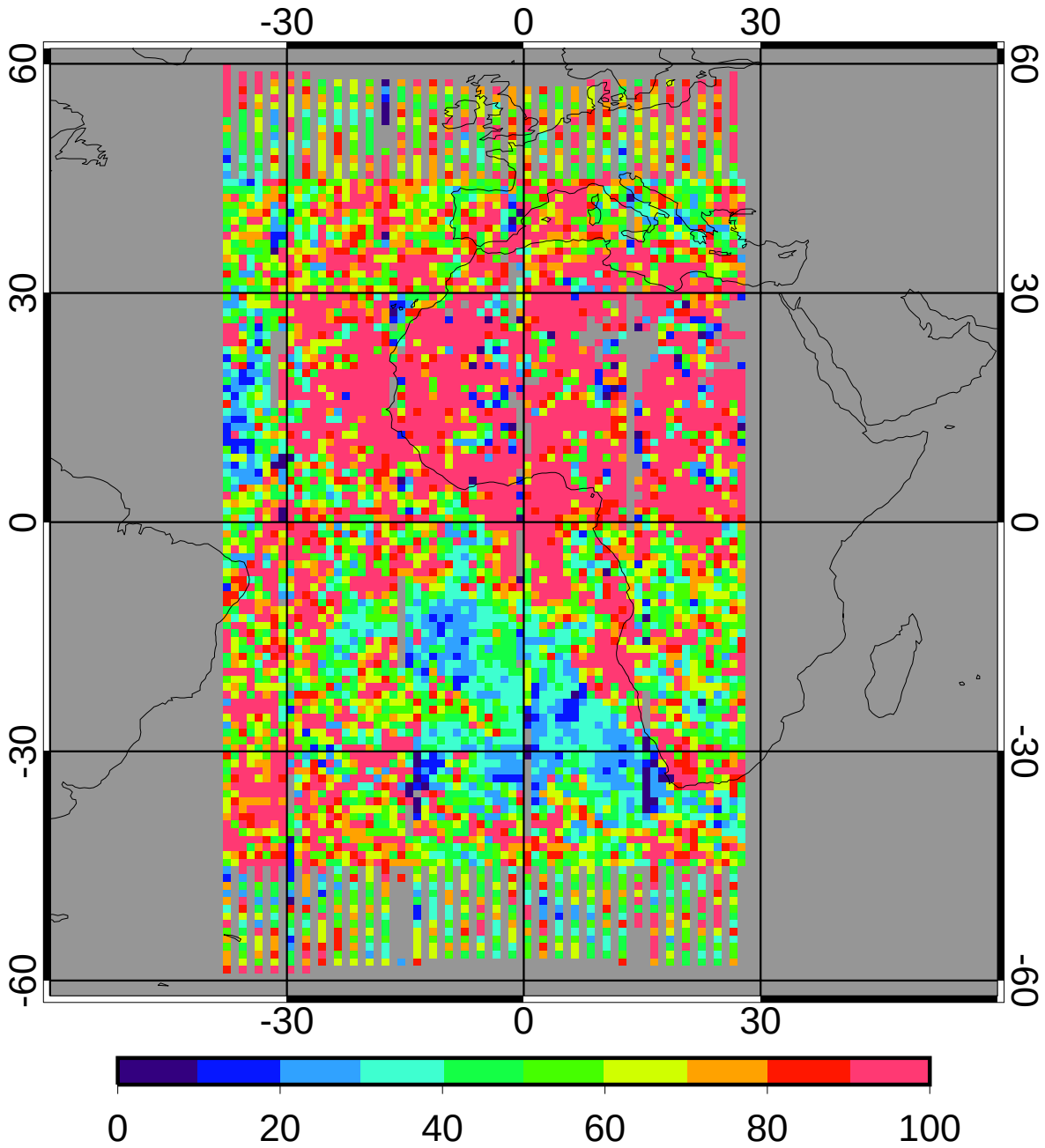
5ch_V01 Jan 2010



bias	13.09	2.26%
domain sigma	87.50	15.14%

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

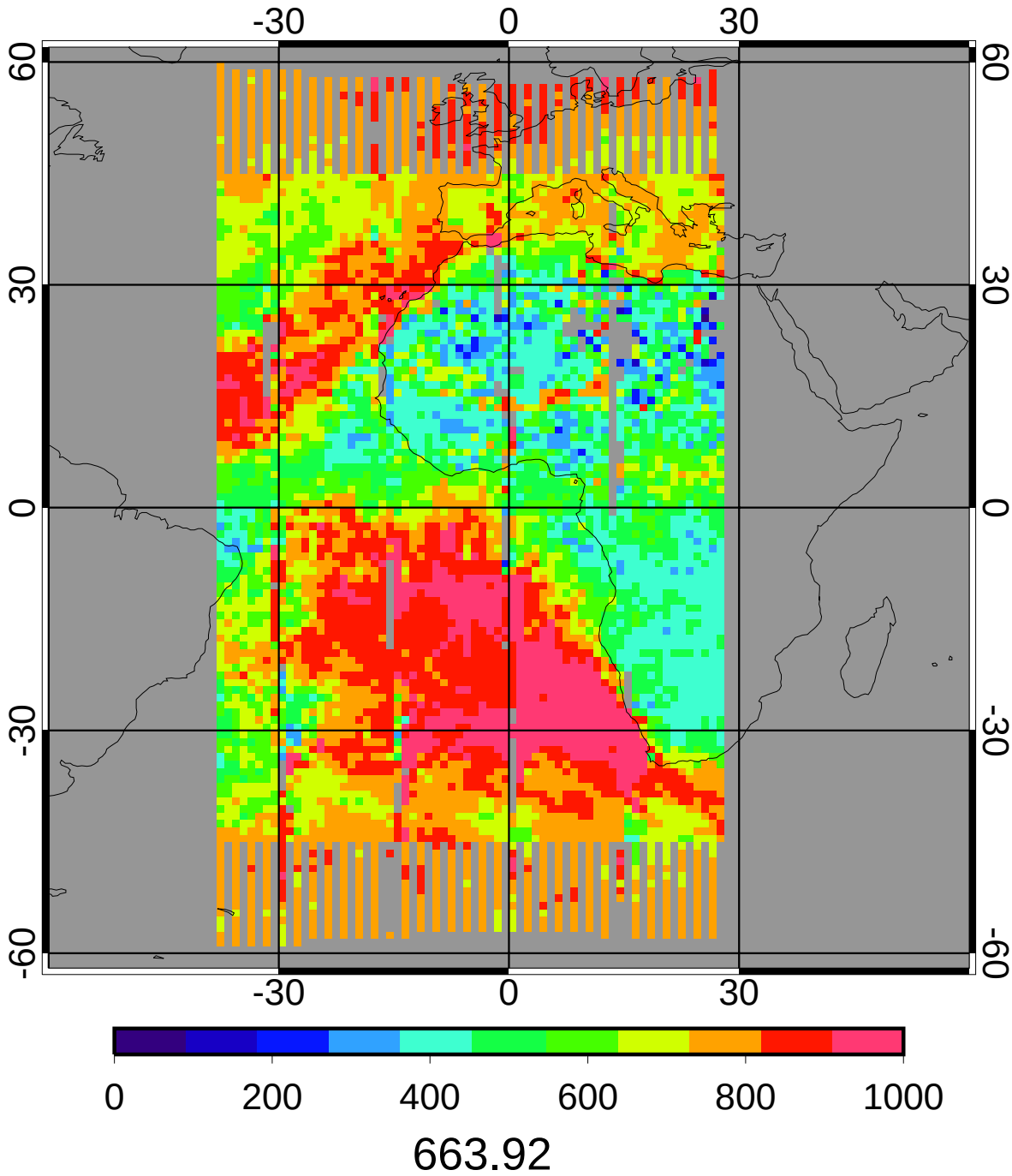
5ch_V01 Jan 2010



regave rms	86.61	14.99%
domain rms	91.78	15.88%

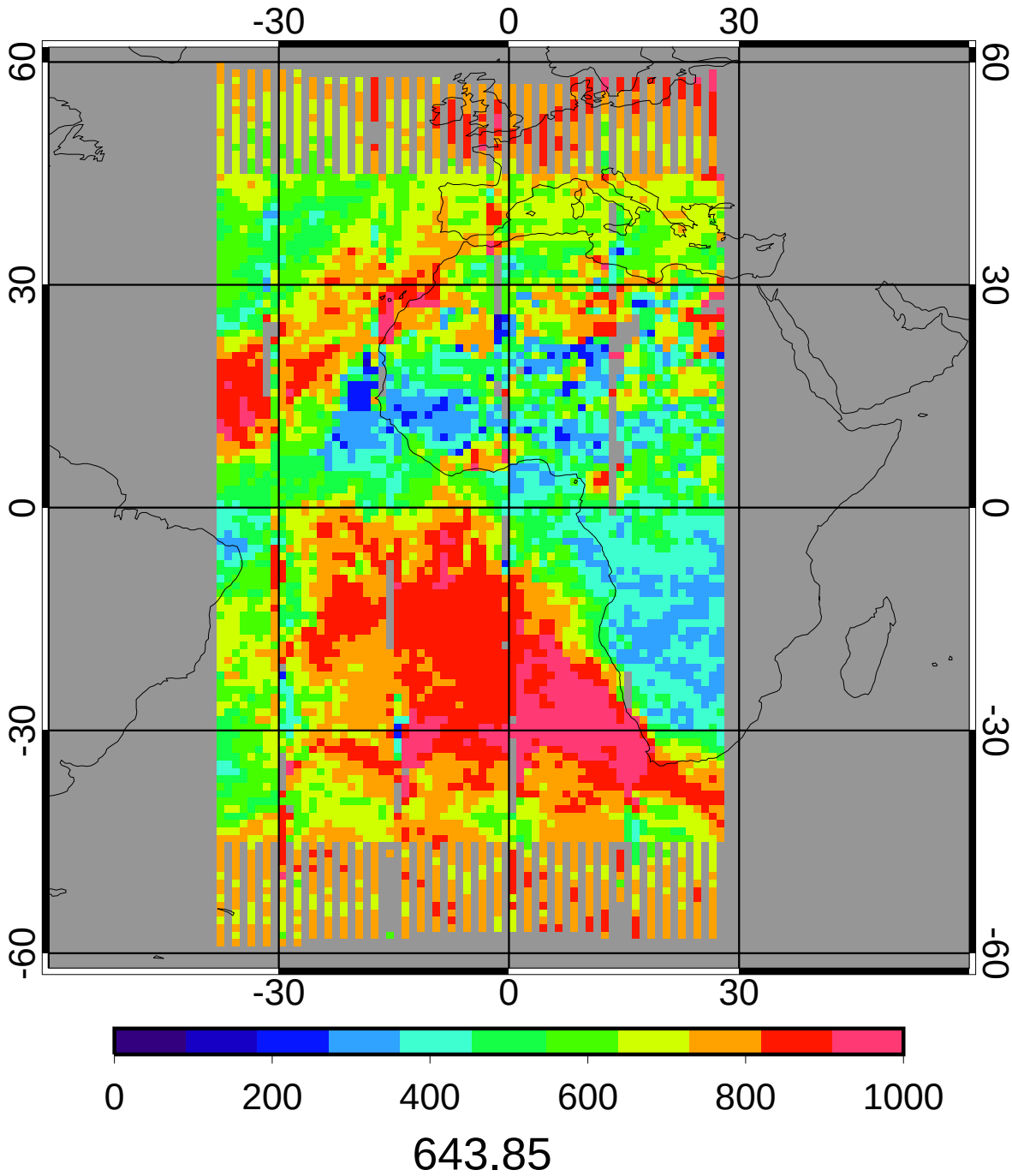
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010



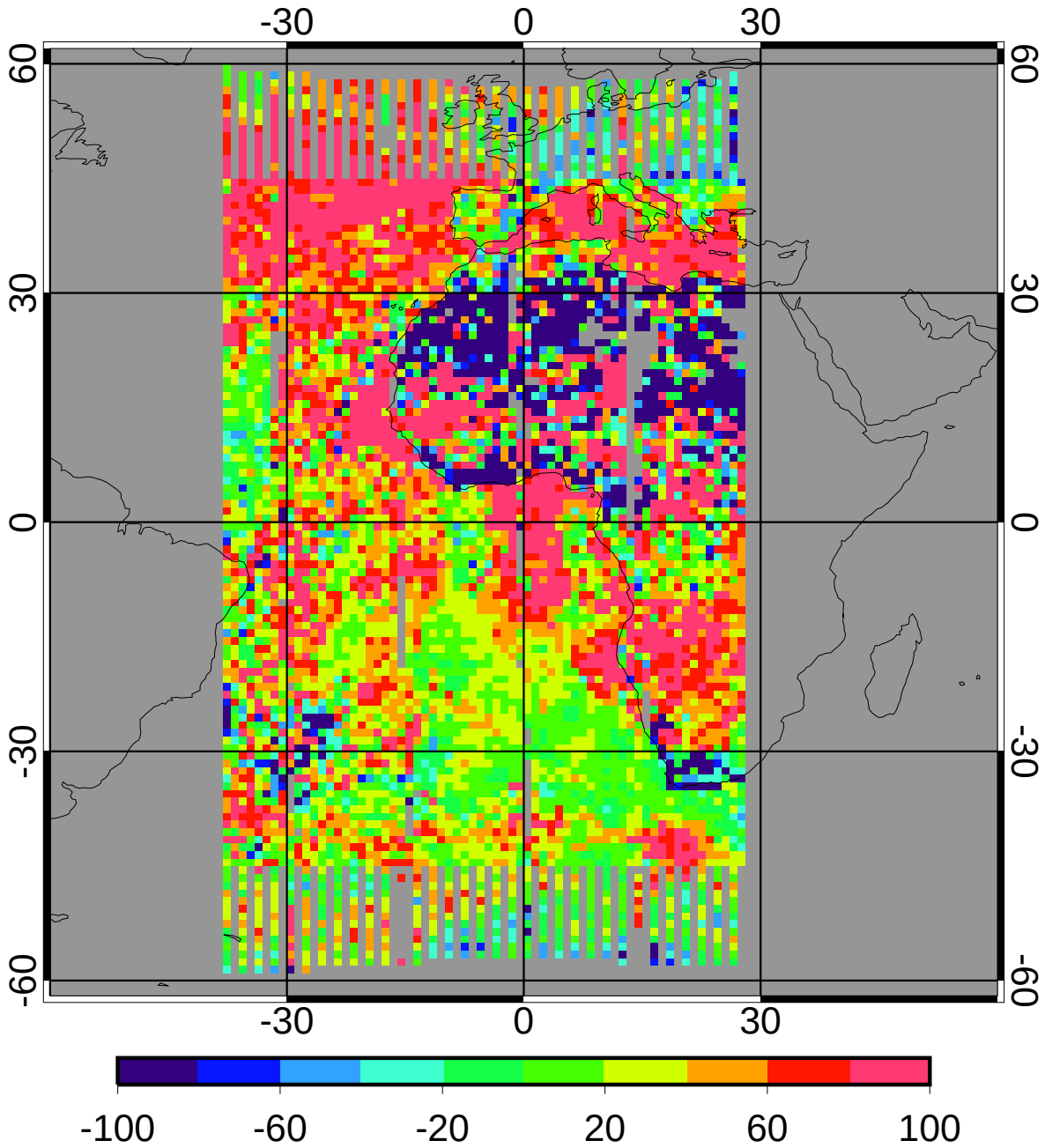
CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

5ch_V01 Jan 2010



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

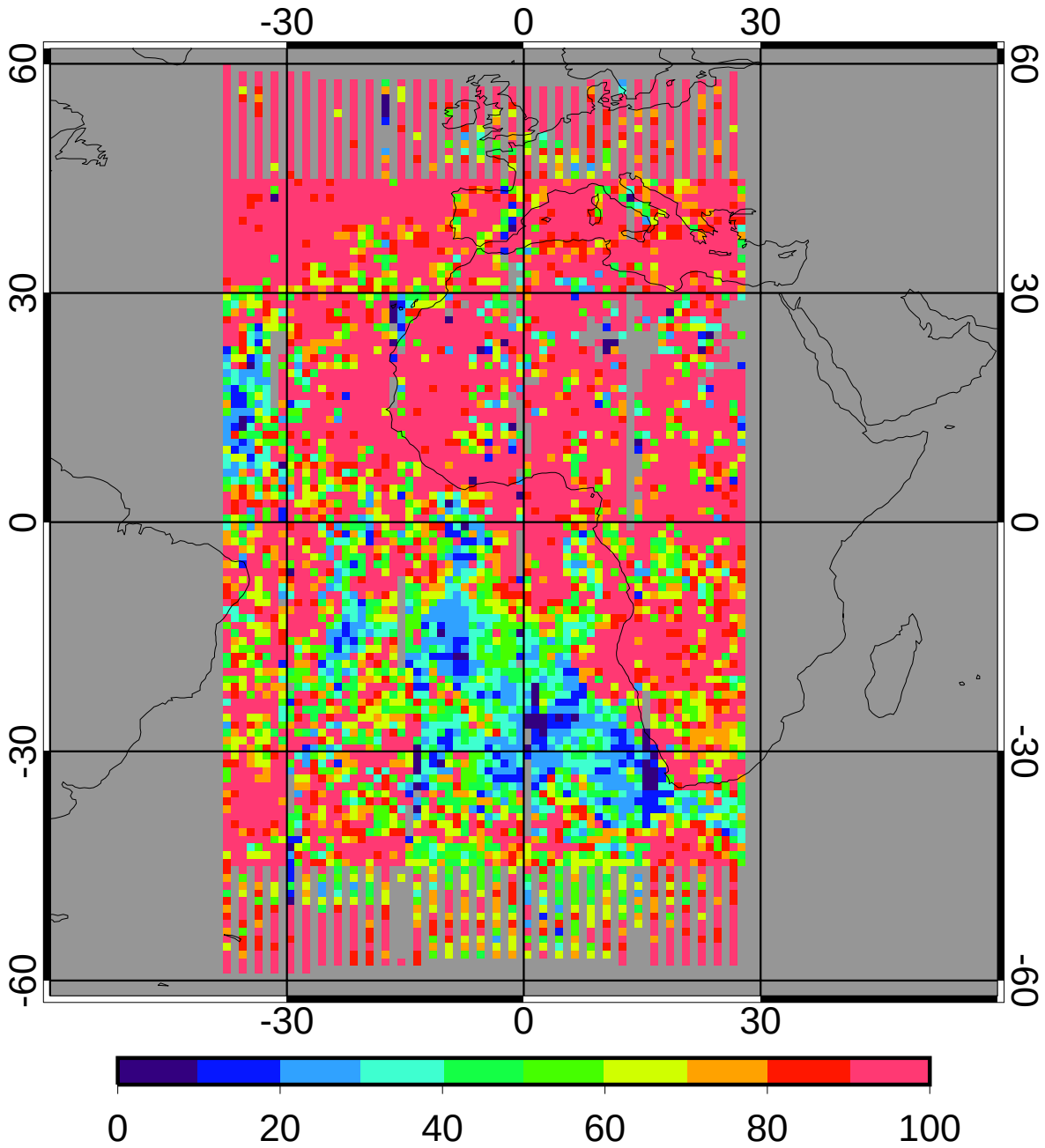
5ch_V01 Jan 2010



bias	26.09	4.05%
domain sigma	93.25	14.48%

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

5ch_V01 Jan 2010

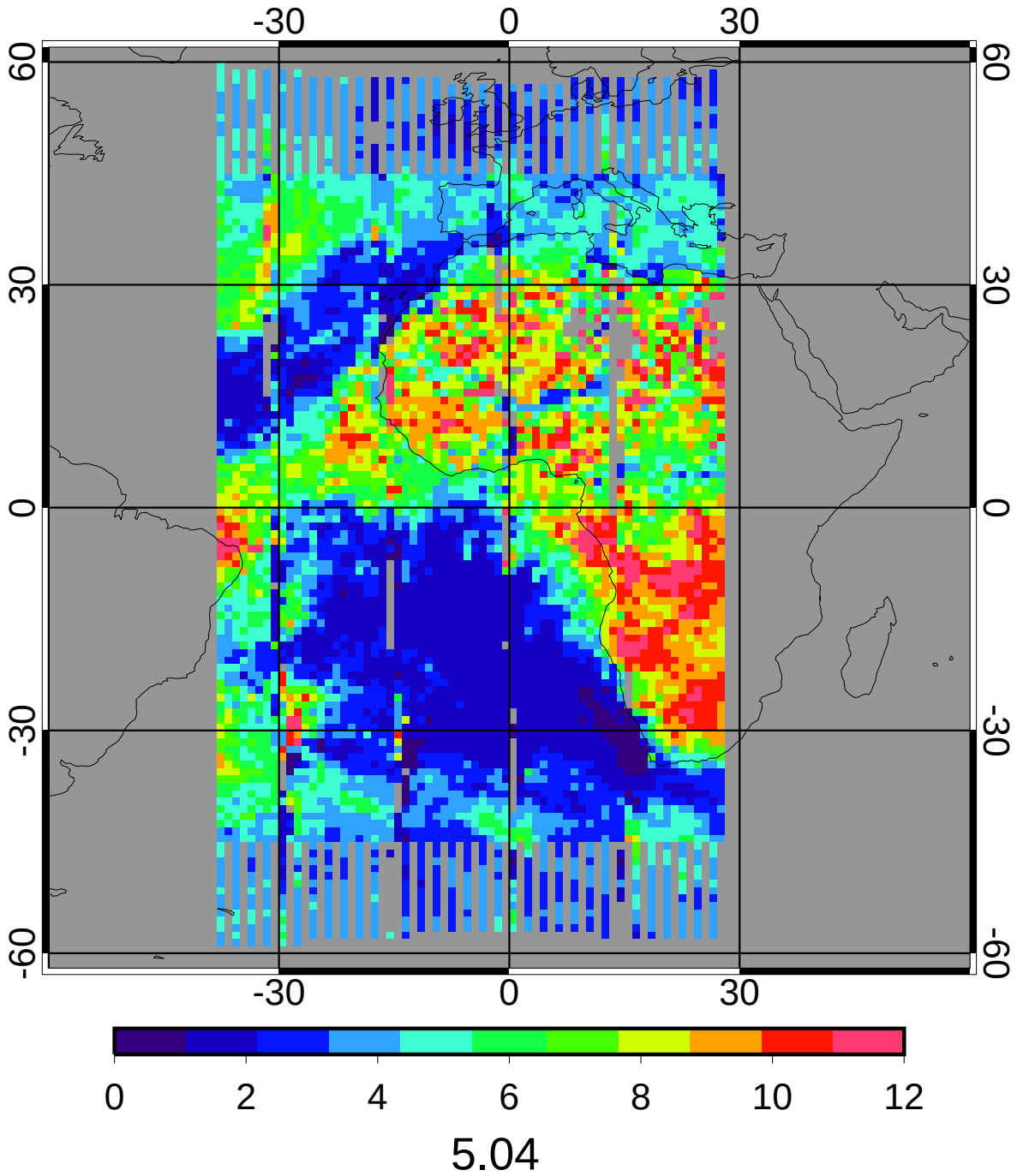


regave rms 100.32 15.58%

domain rms 105.11 16.32%

GGEO MEAN Nighttime Cloud Eff Height (km)

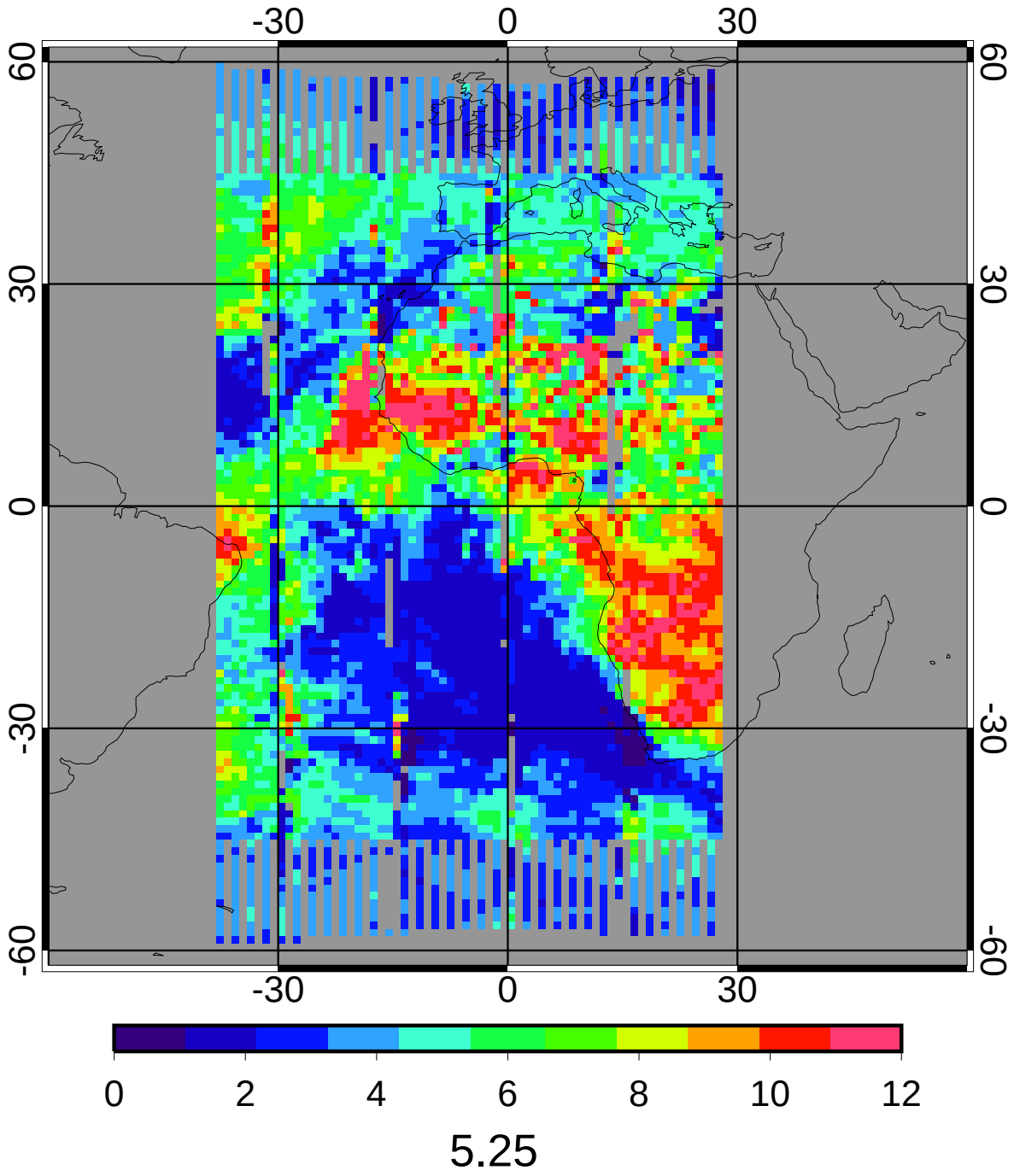
5ch_V01 Jan 2010



5.04

CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

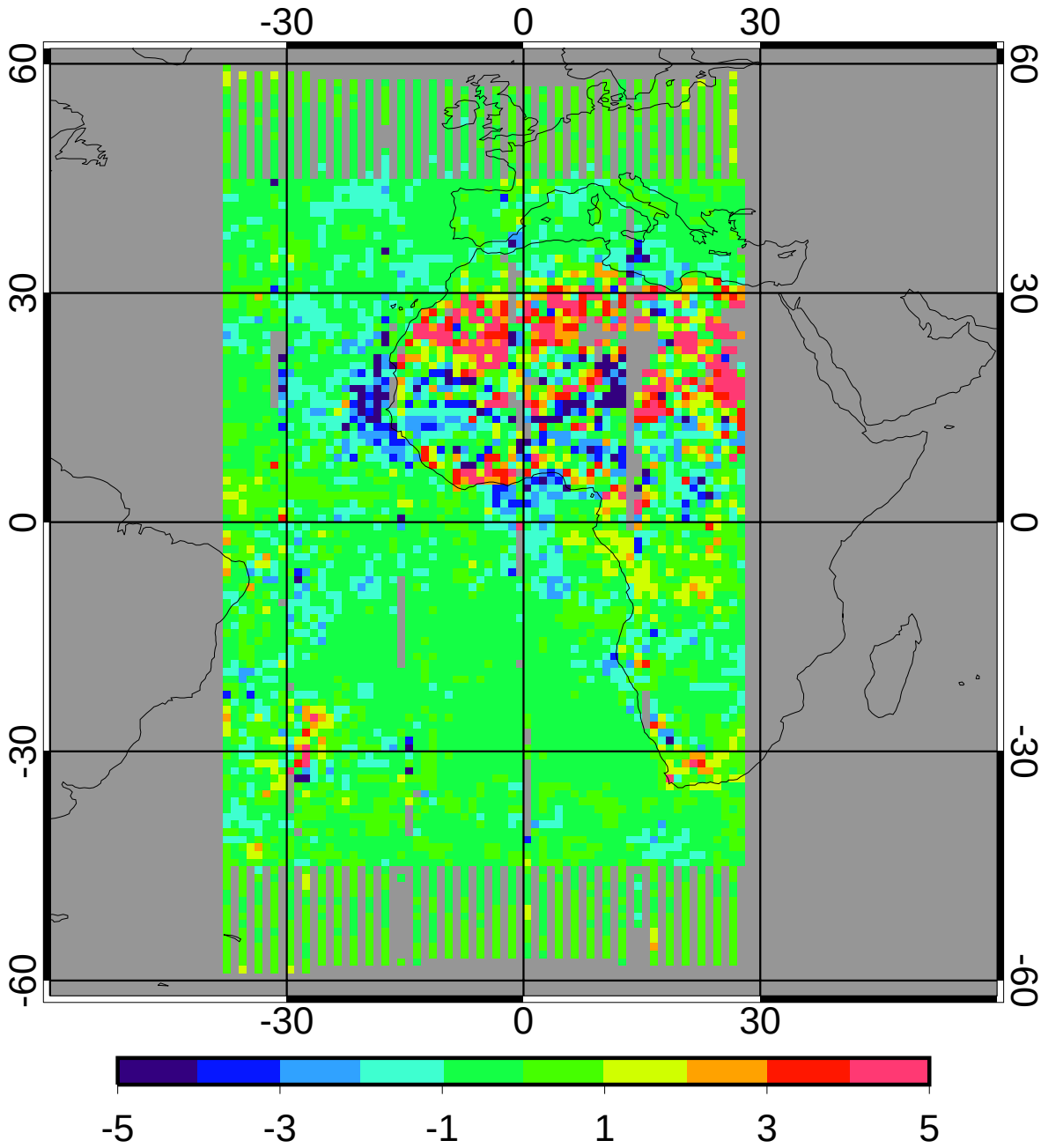
5ch_V01 Jan 2010



5.25

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

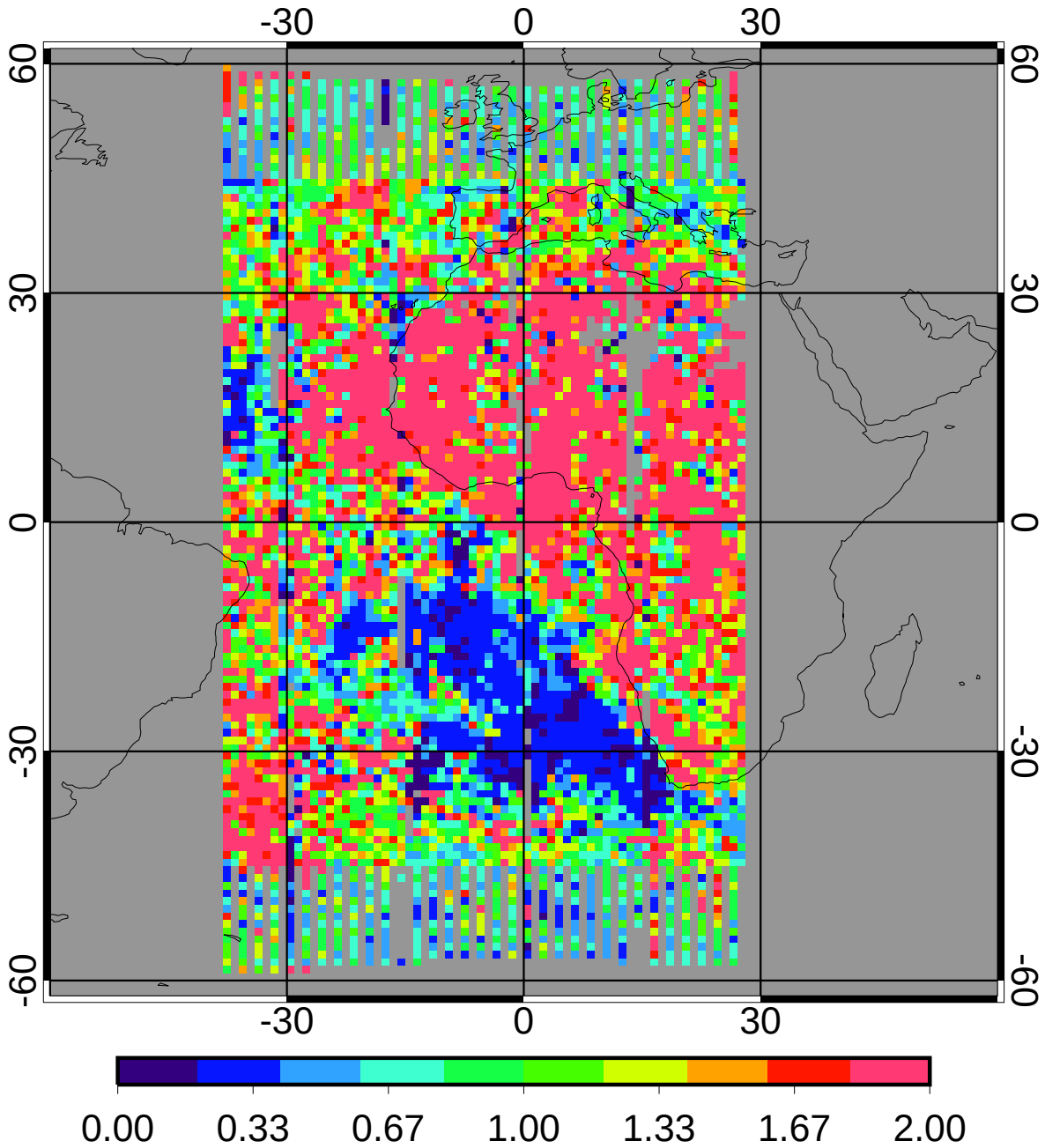
5ch_V01 Jan 2010



bias	-0.19	-3.67%
domain sigma	1.45	27.72%

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

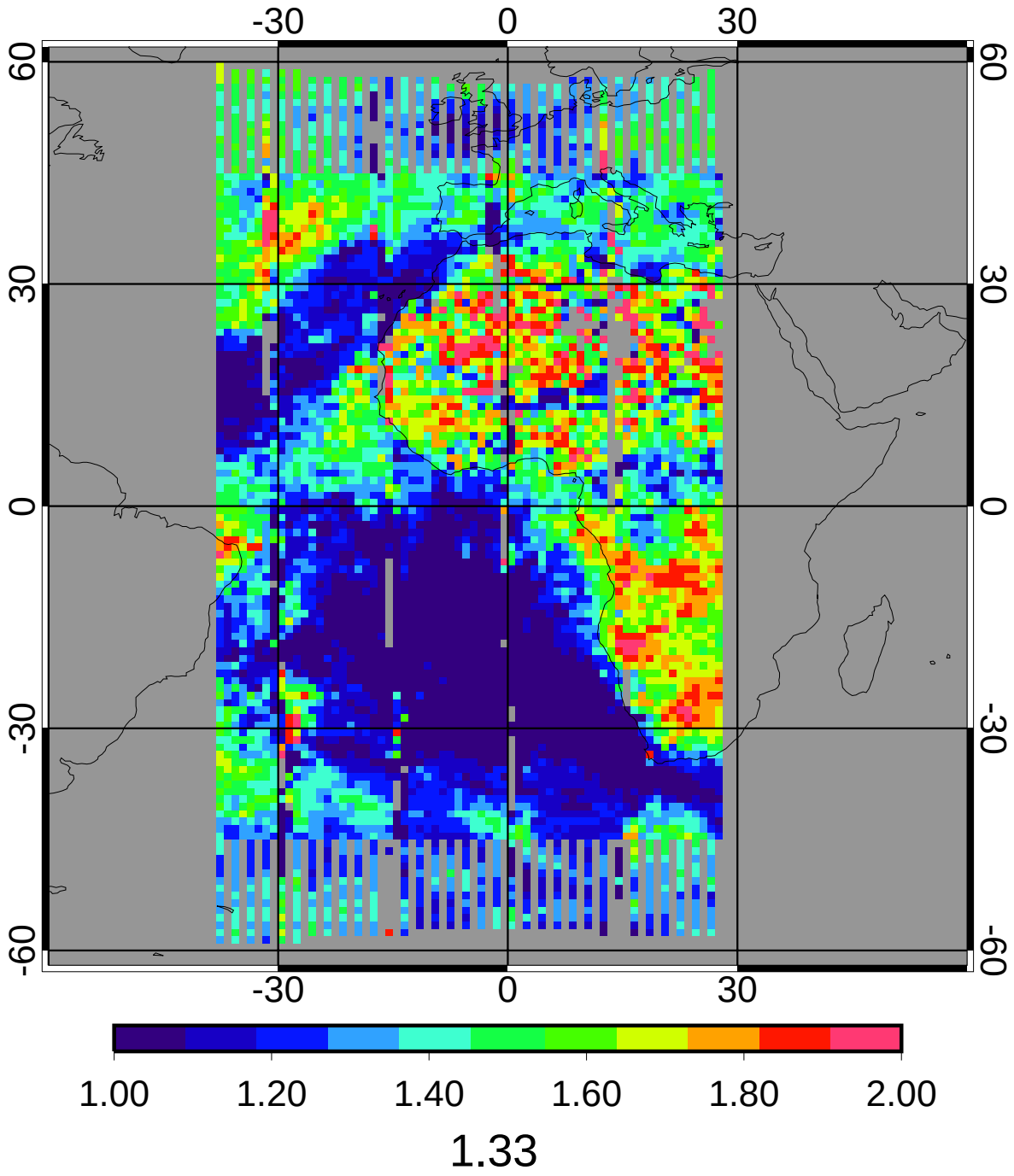
5ch_V01 Jan 2010



regave rms	1.56	29.67%
domain rms	1.65	31.41%

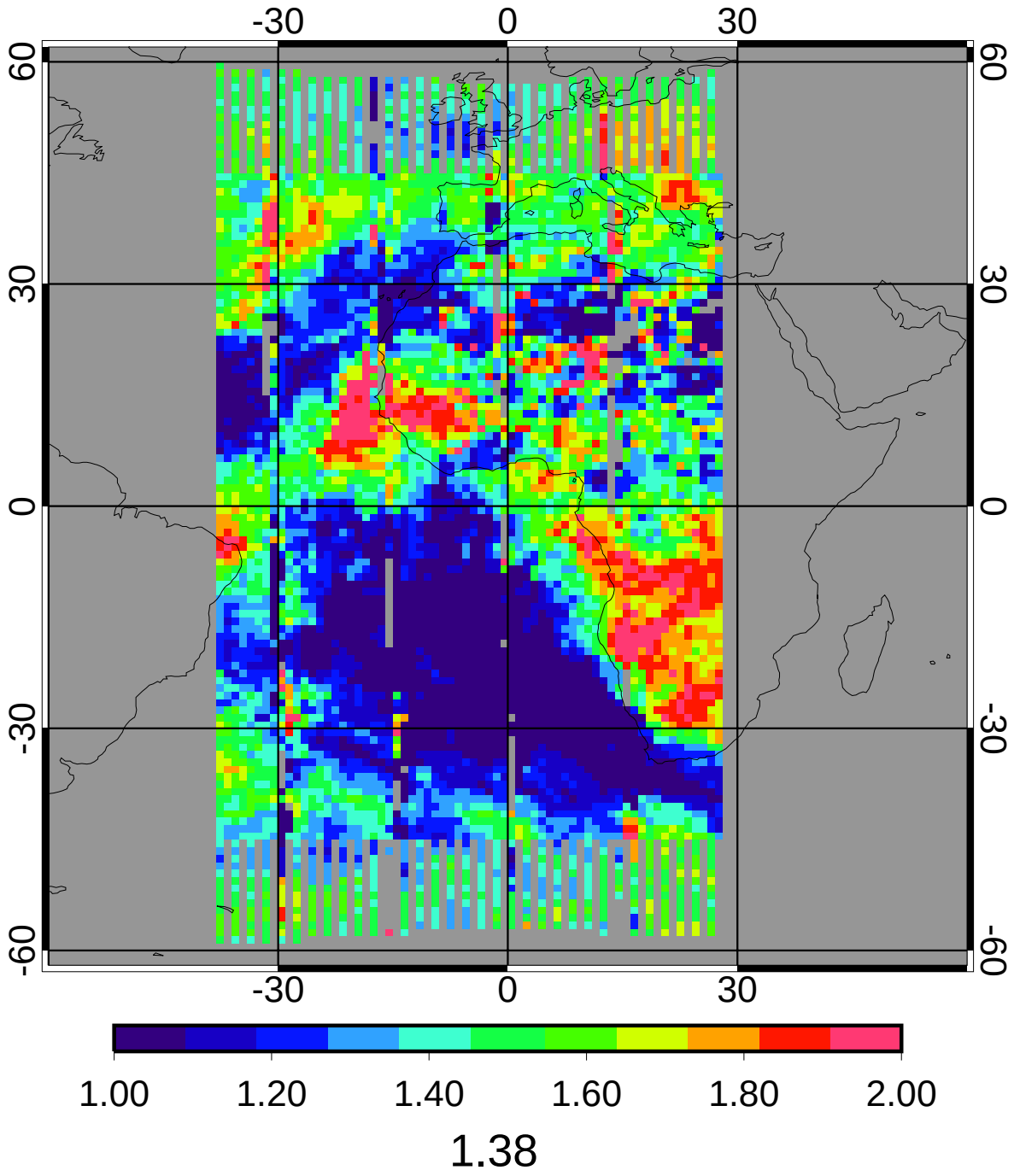
GGEO MEAN Nighttime Cloud Phase

5ch_V01 Jan 2010



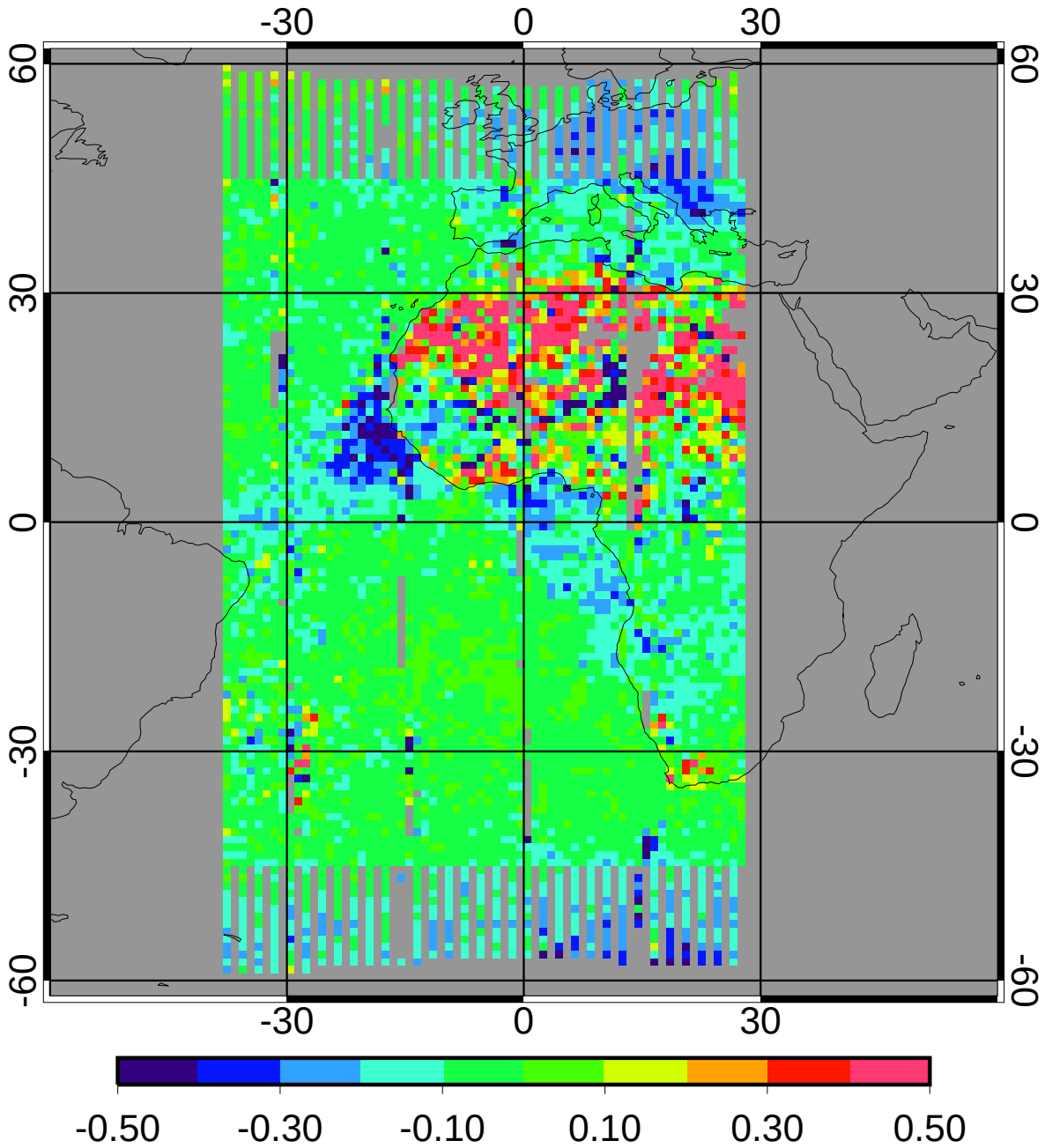
CERES/Aqua MEAN Nighttime Cloud Phase

5ch_V01 Jan 2010



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

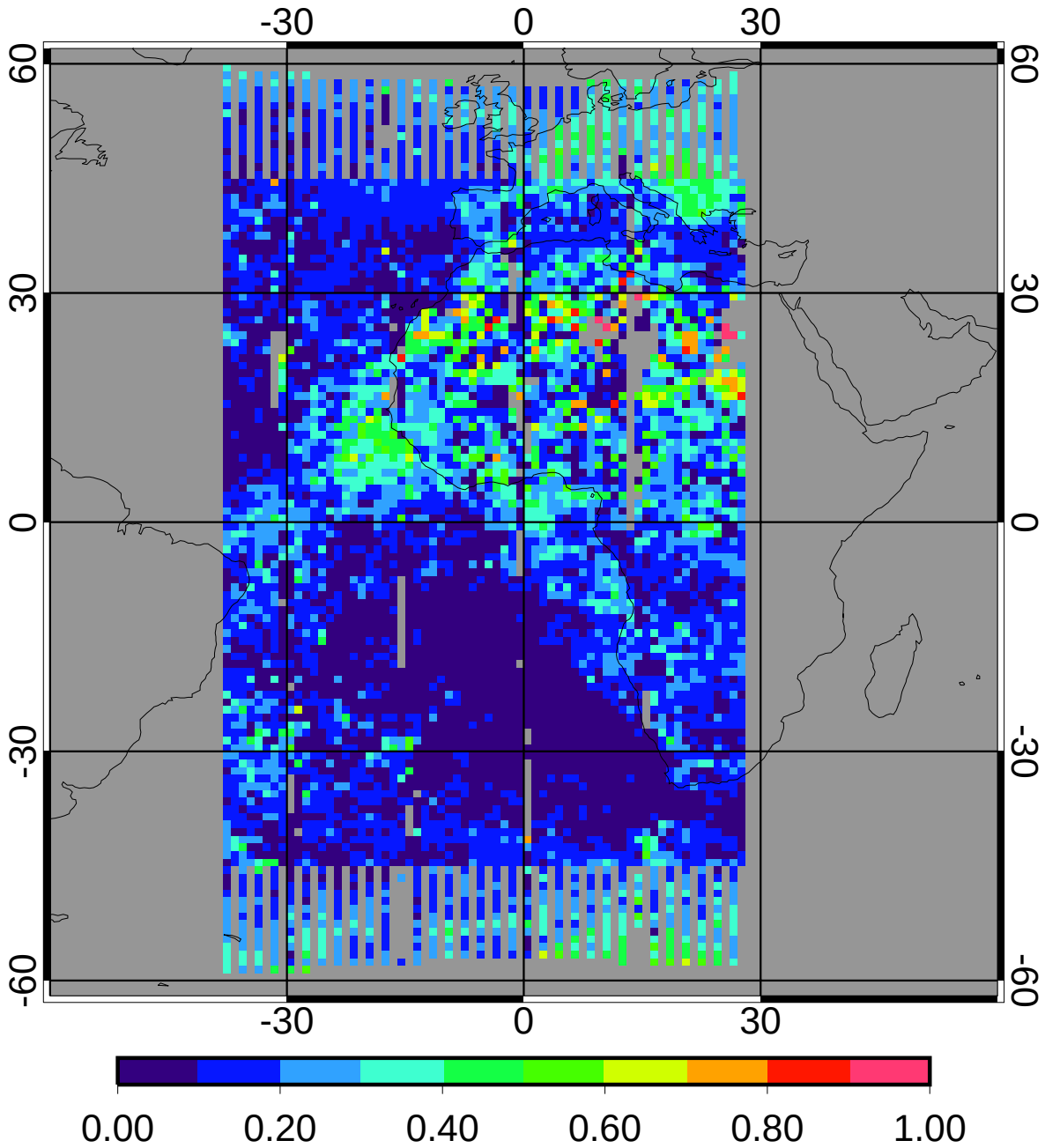
5ch_V01 Jan 2010



bias	-0.04	-2.76%
domain sigma	0.16	11.56%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

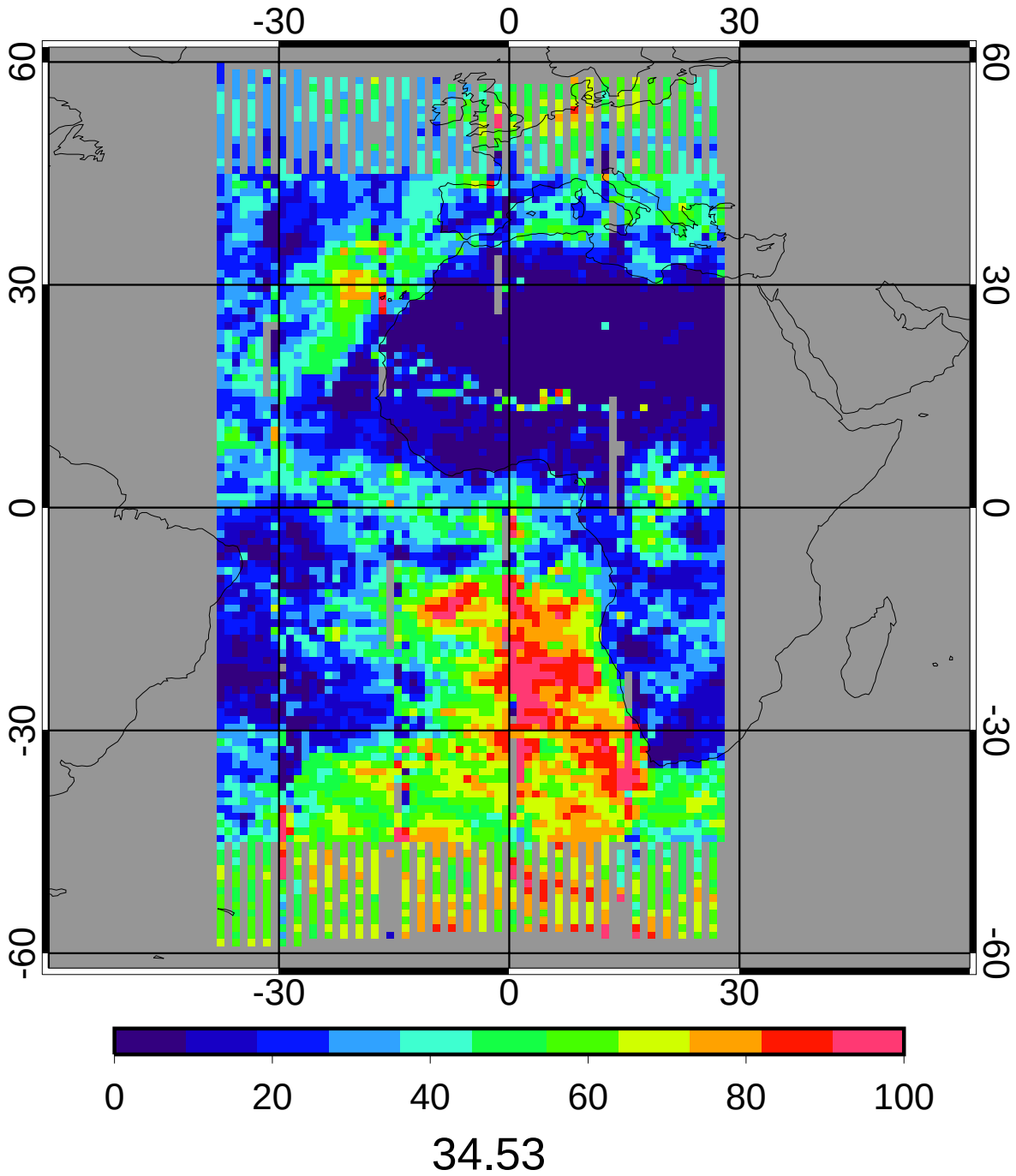
5ch_V01 Jan 2010



regave rms	0.17	12.39%
domain rms	0.19	13.84%

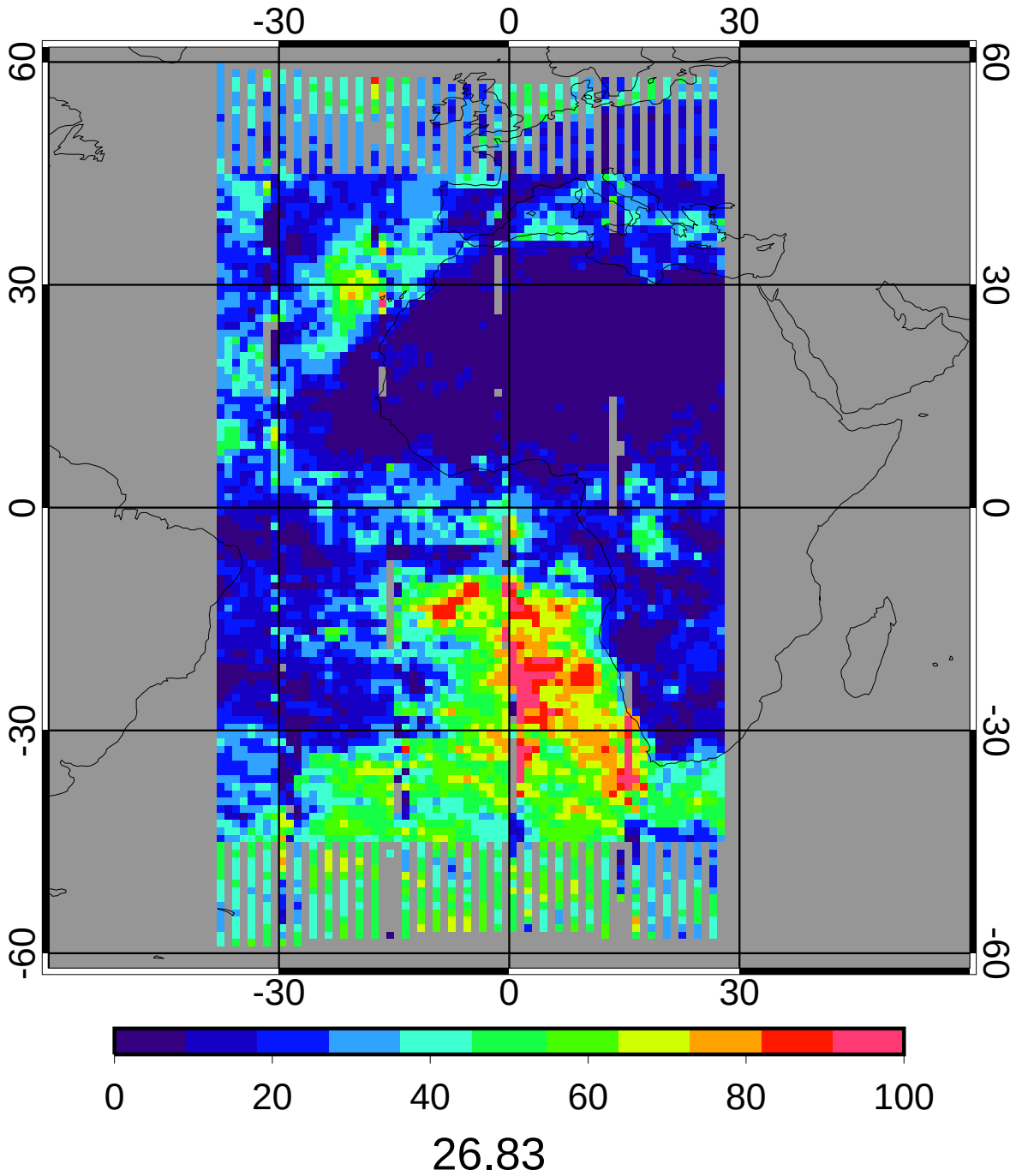
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch_V01 Jan 2010



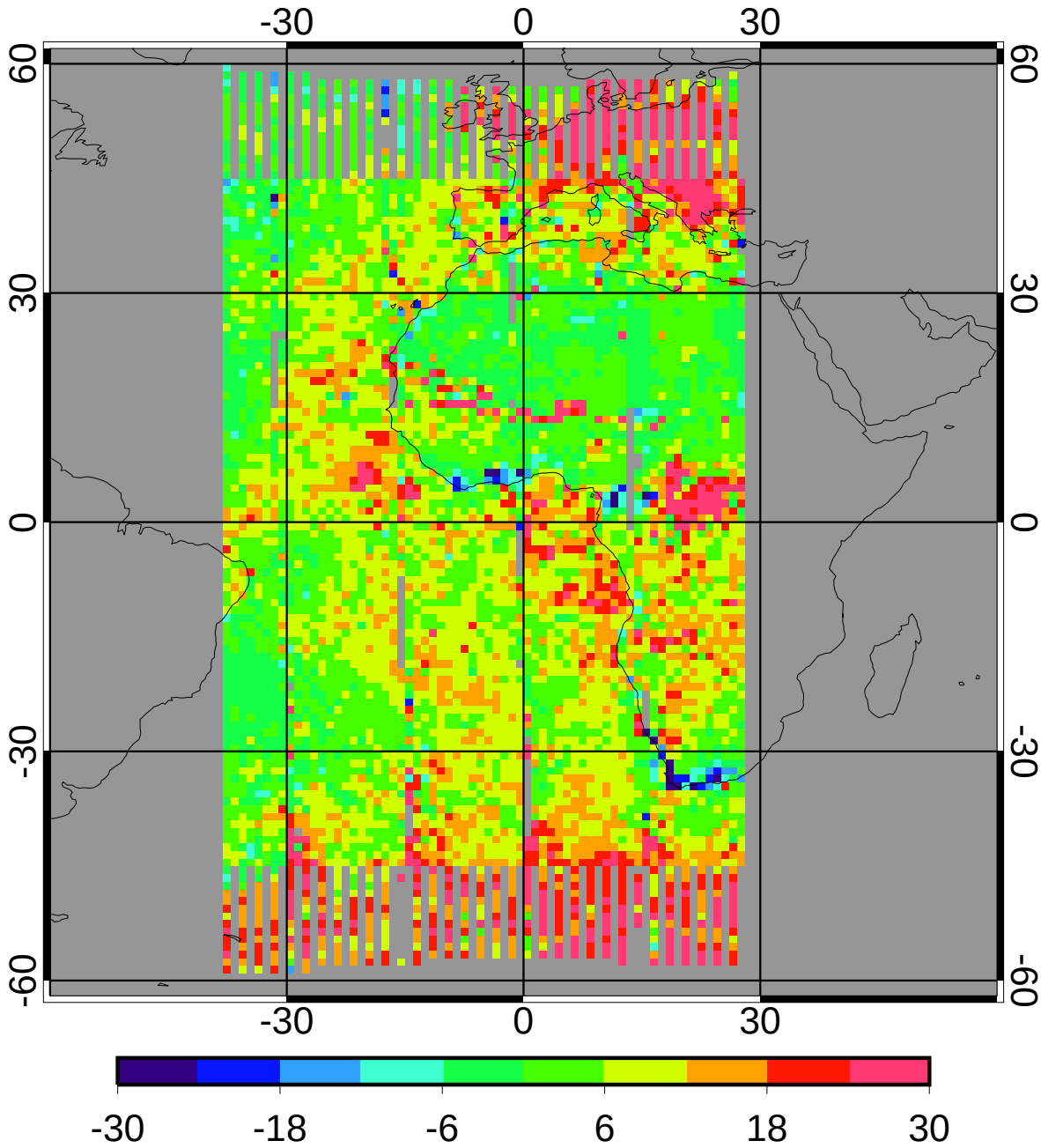
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch_V01 Jan 2010



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

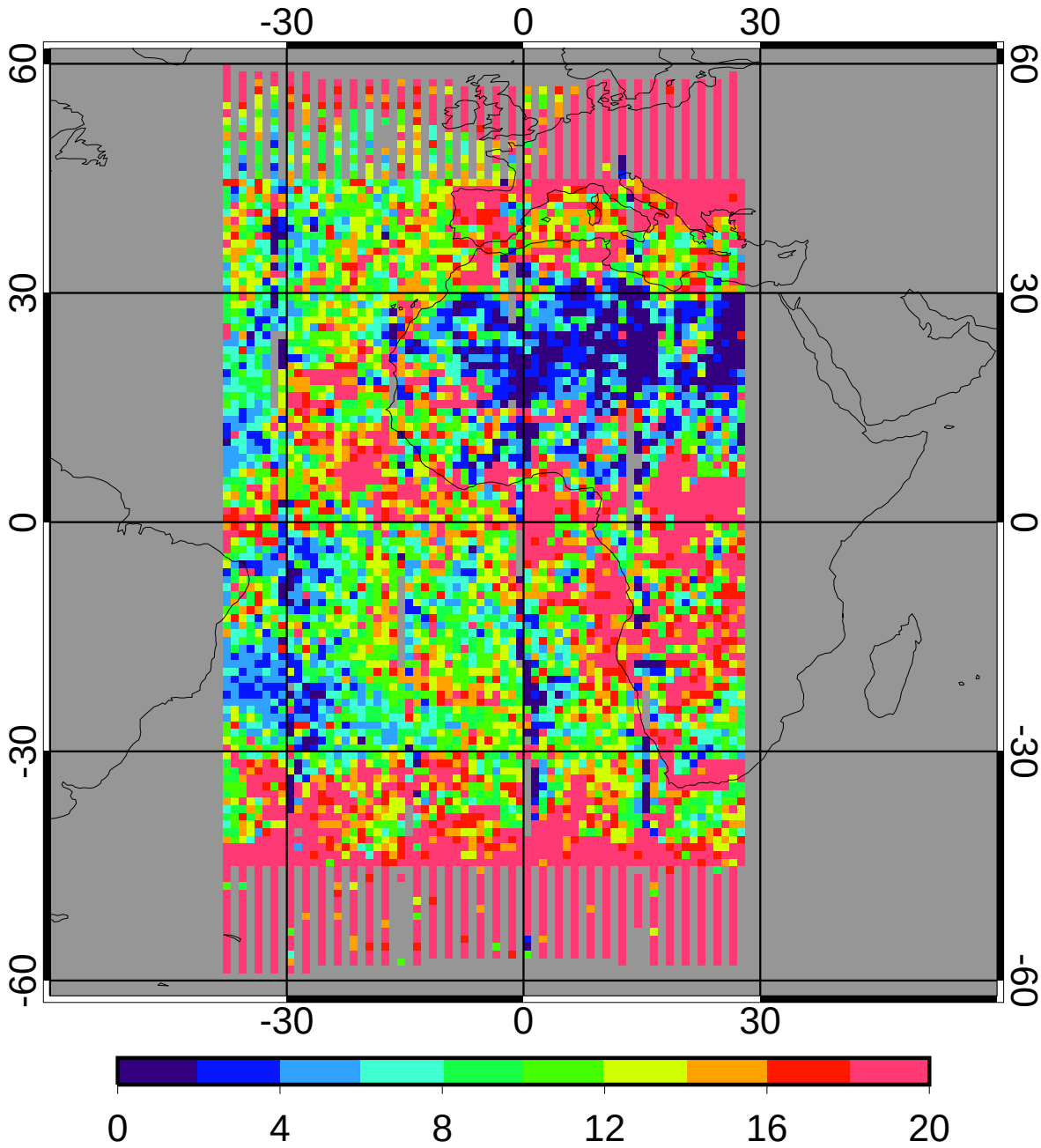
5ch_V01 Jan 2010



bias	7.70	28.70%
domain sigma	7.97	29.71%

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

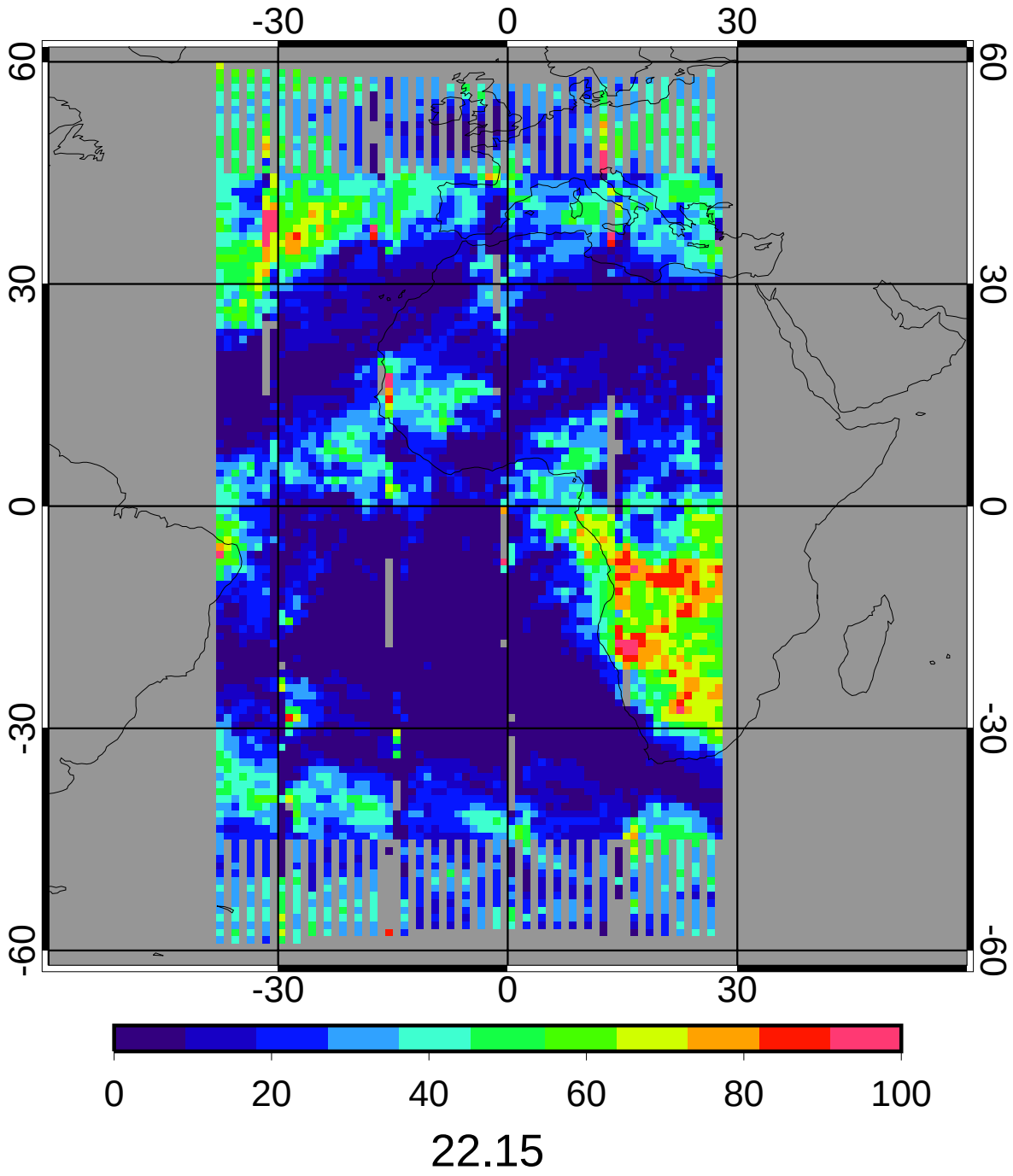
5ch_V01 Jan 2010



regave rms	14.26	53.15%
domain rms	16.94	63.15%

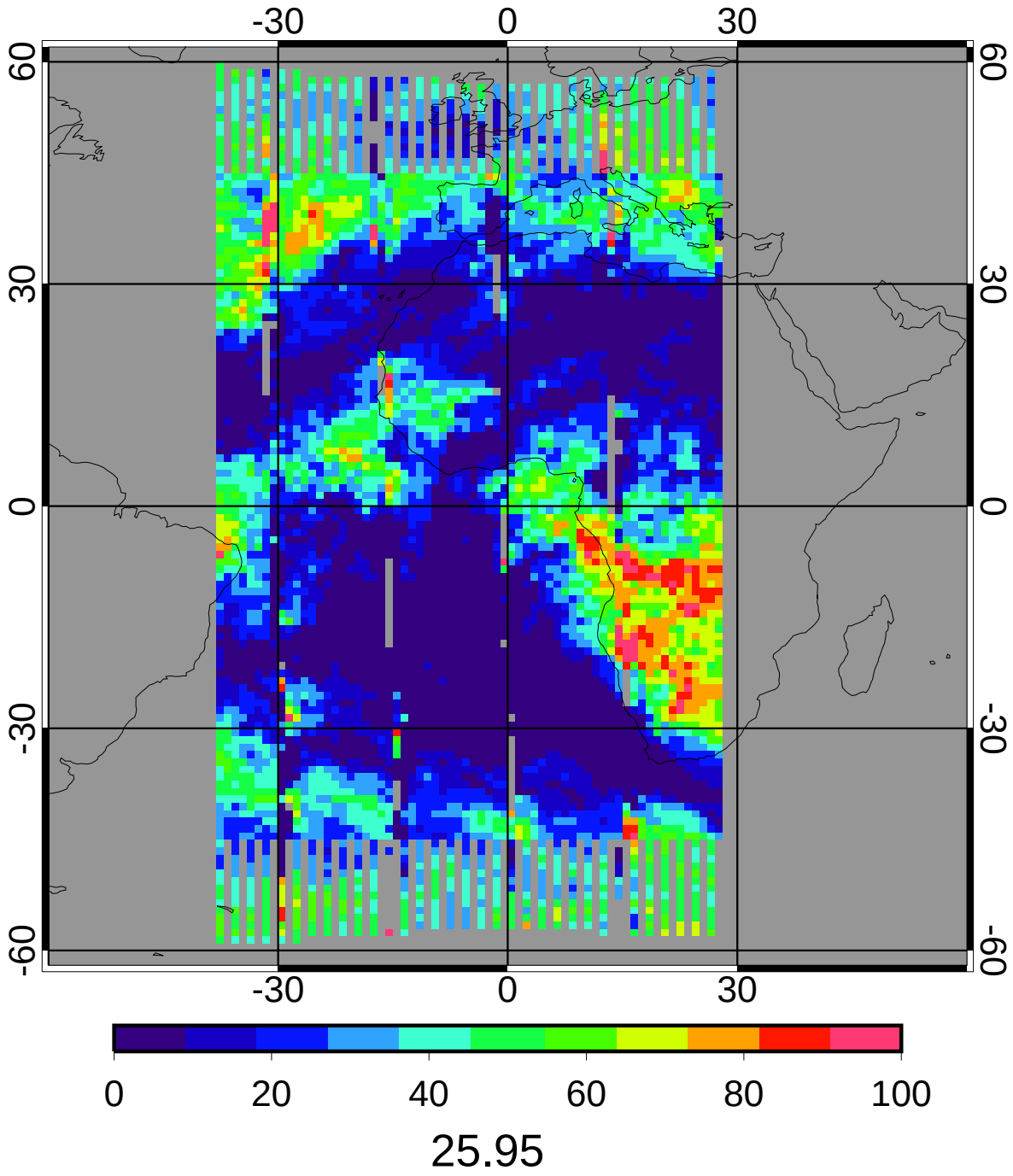
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010



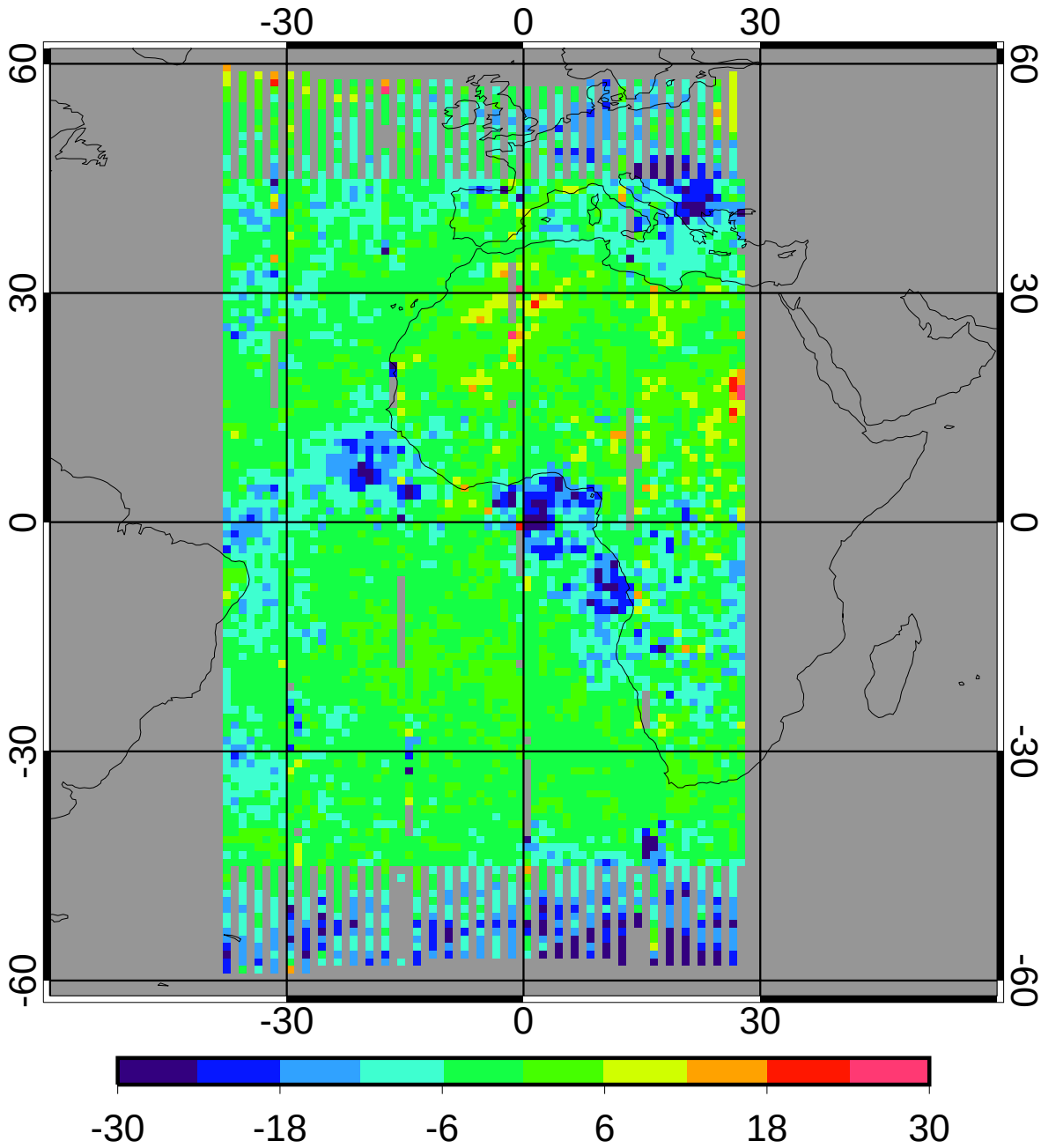
CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

5ch_V01 Jan 2010



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

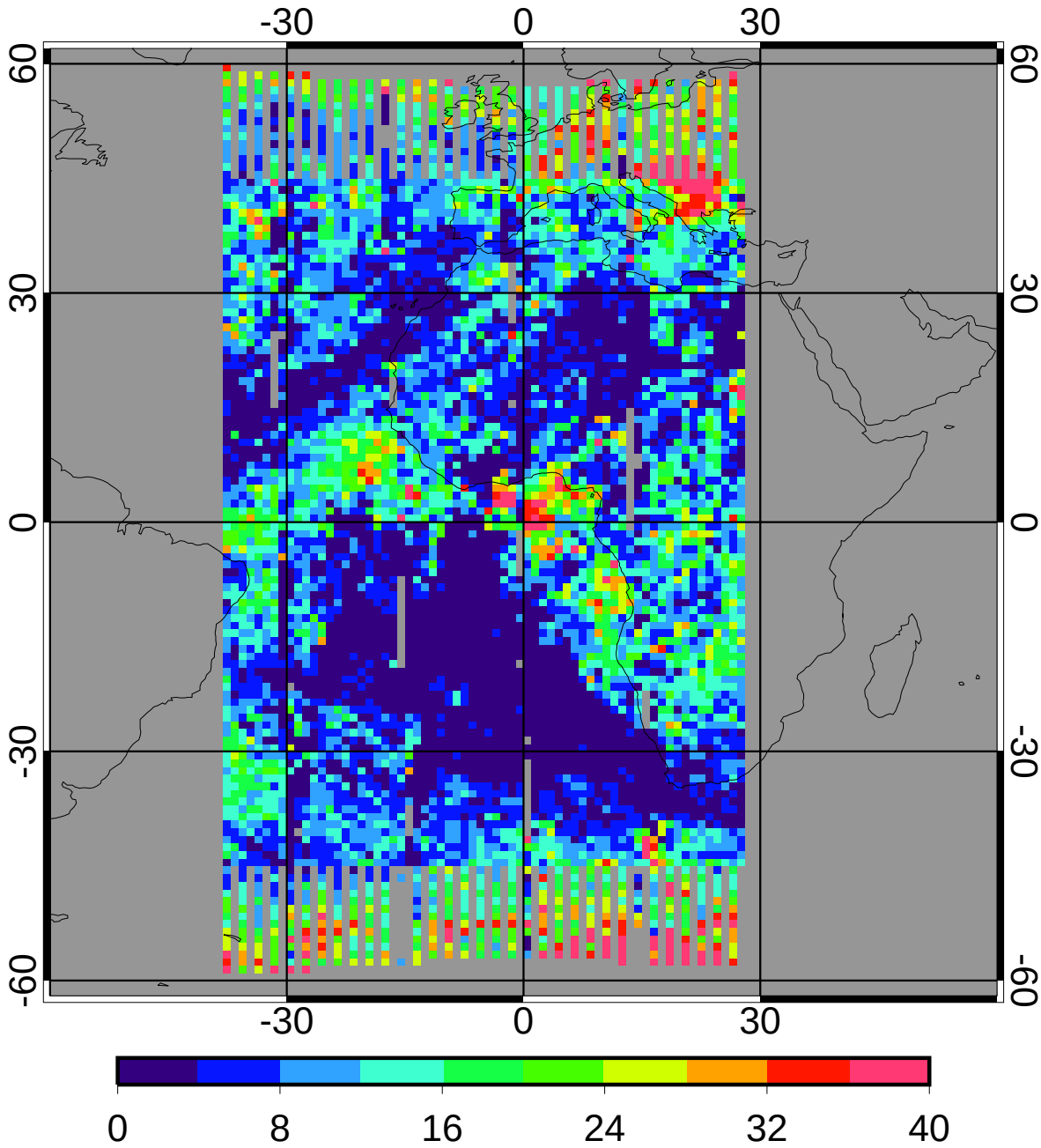
5ch_V01 Jan 2010



bias	-3.80	-14.64%
domain sigma	5.75	22.16%

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

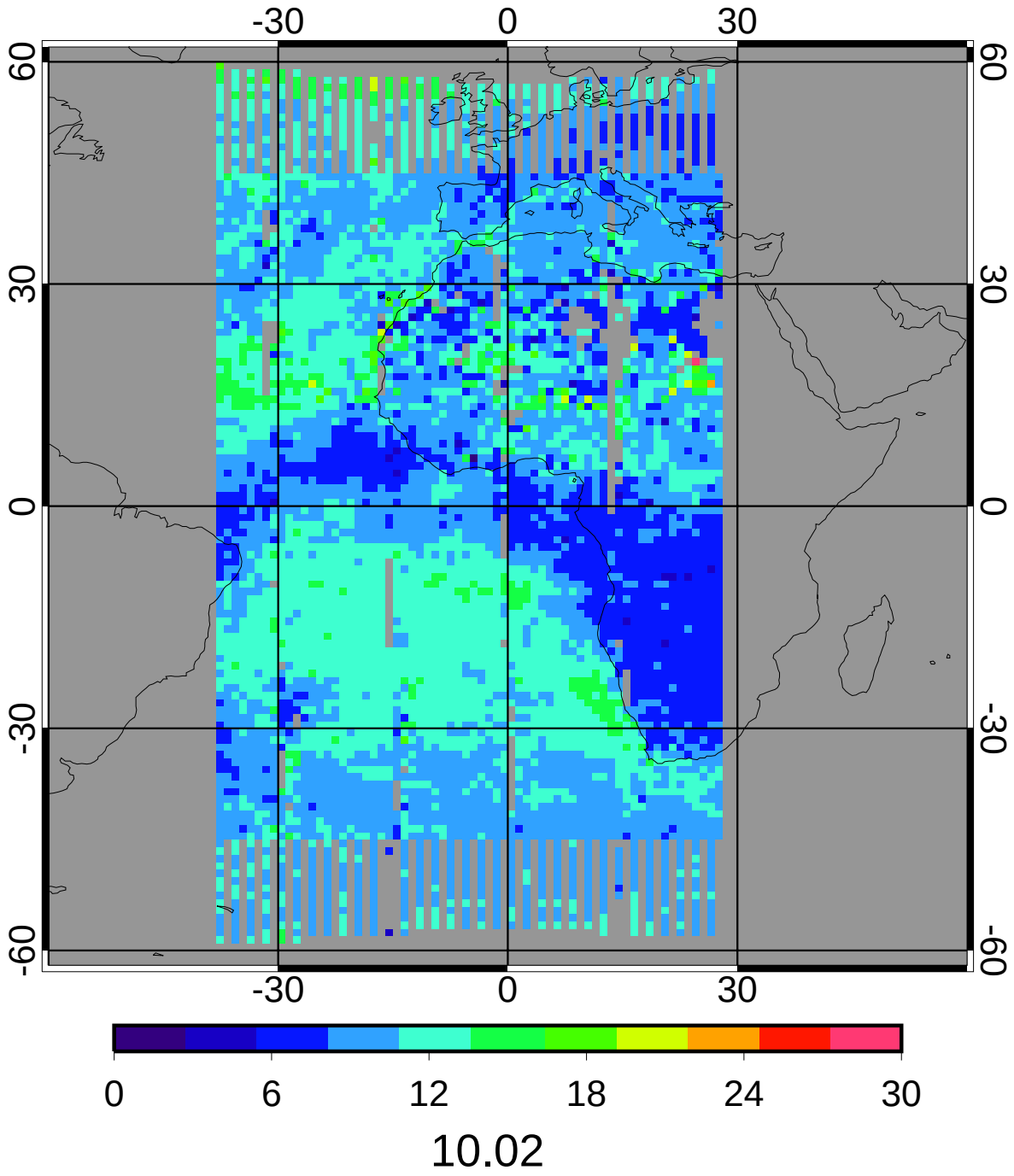
5ch_V01 Jan 2010



regave rms	9.69	37.35%
domain rms	12.54	48.32%

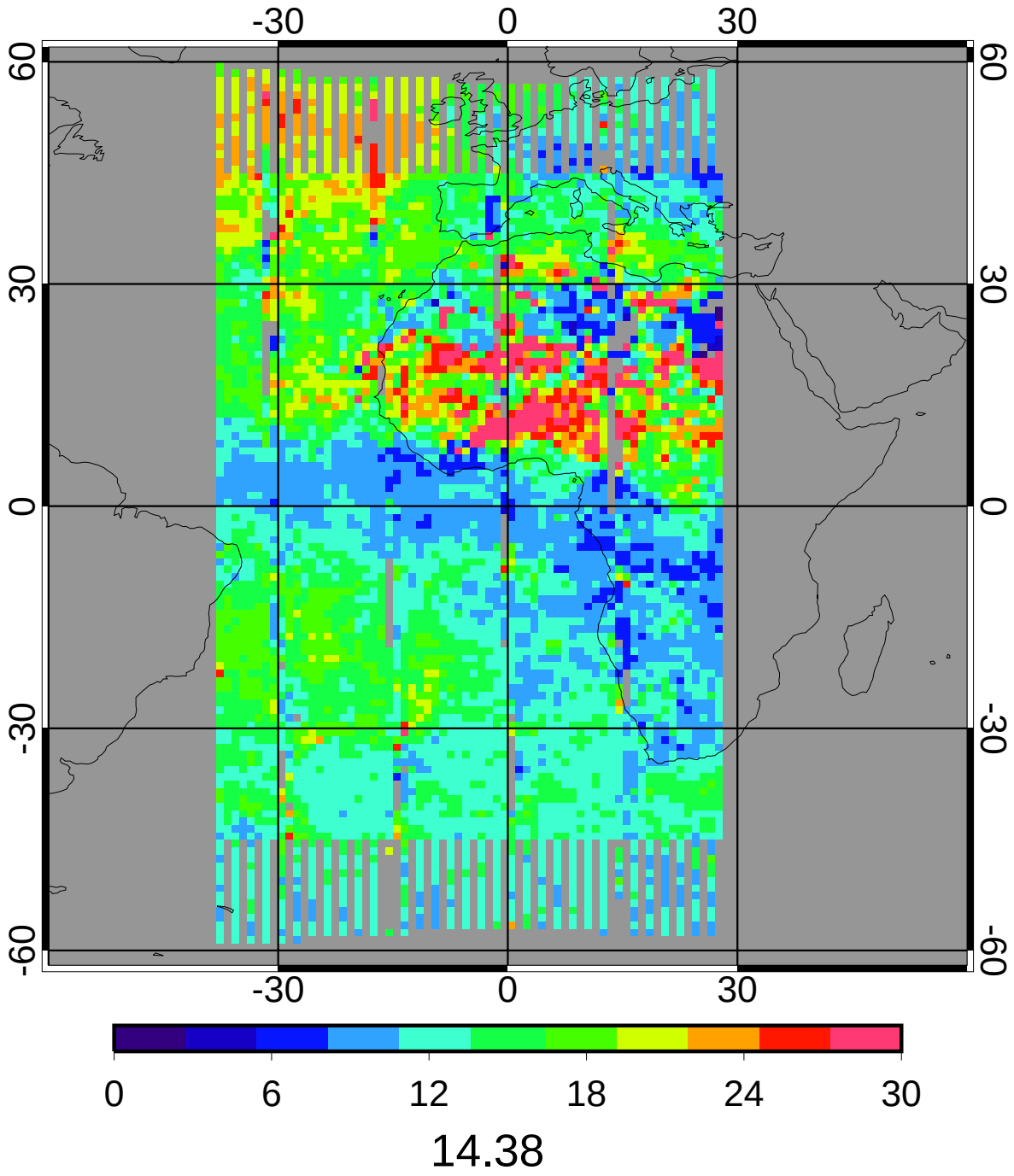
GGEO MEAN Nighttime Liquid Particle Size (microns)

5ch_V01 Jan 2010



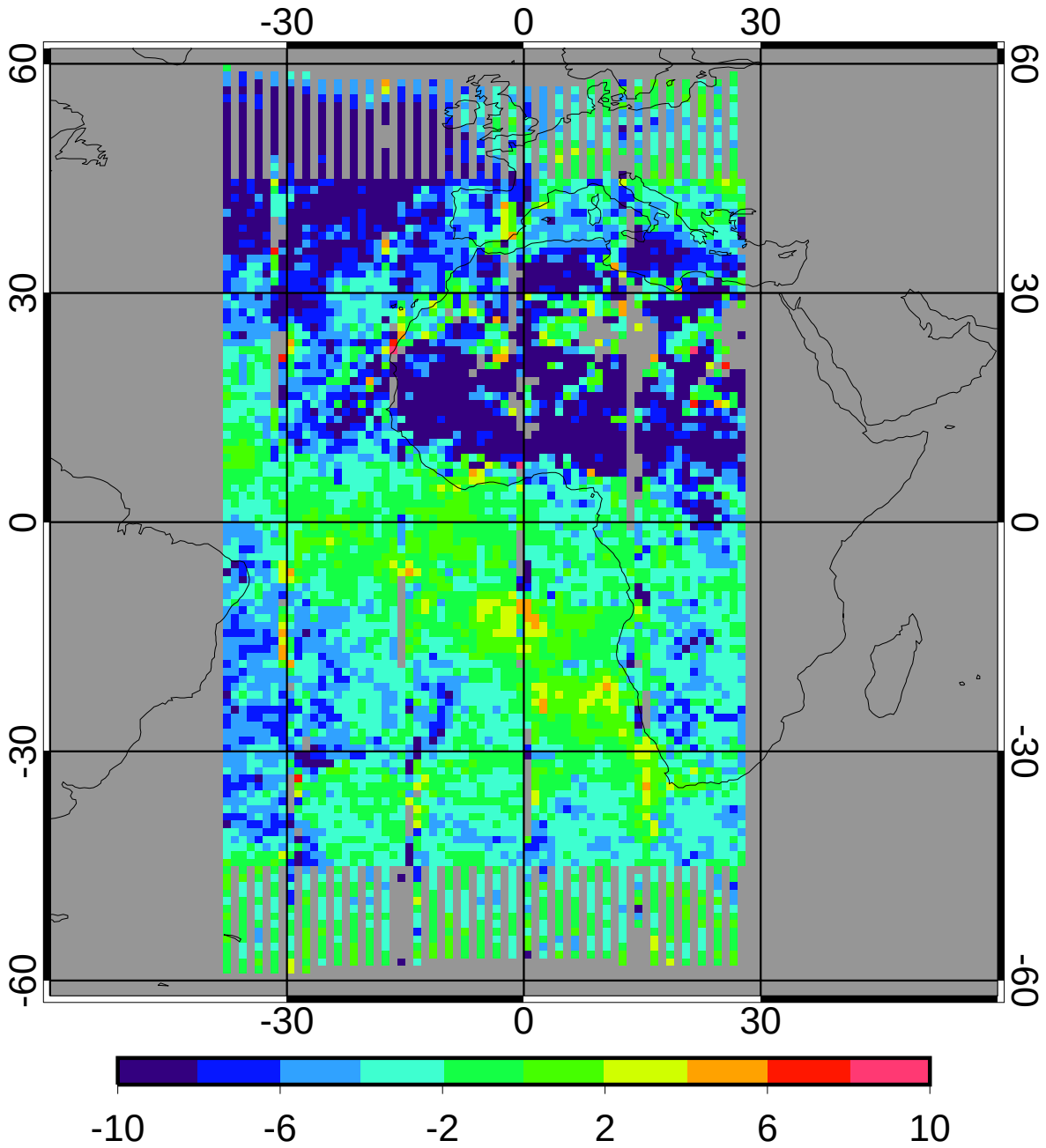
CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

5ch_V01 Jan 2010



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

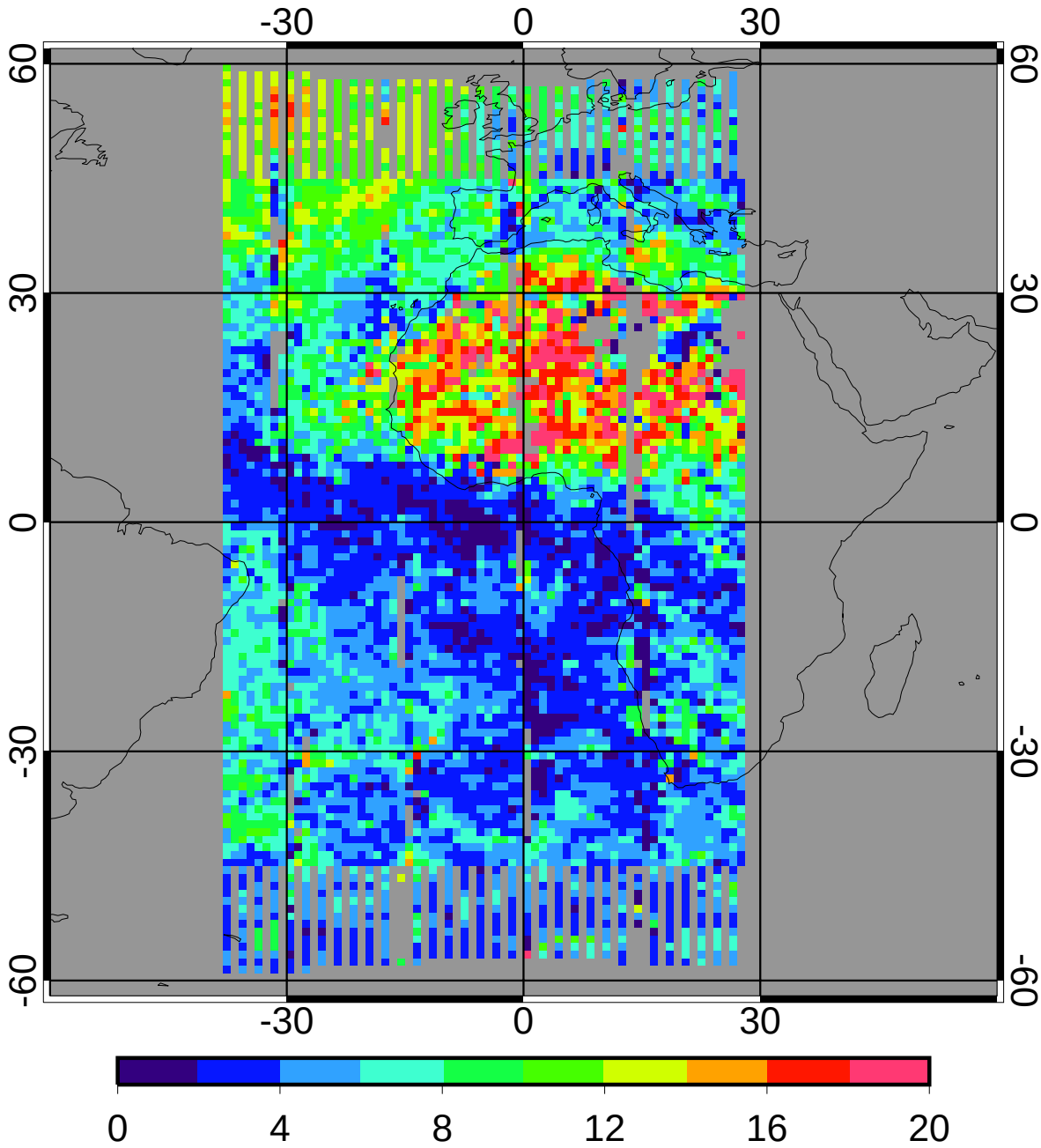
5ch_V01 Jan 2010



bias	-4.23	-29.39%
domain sigma	4.01	27.88%

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

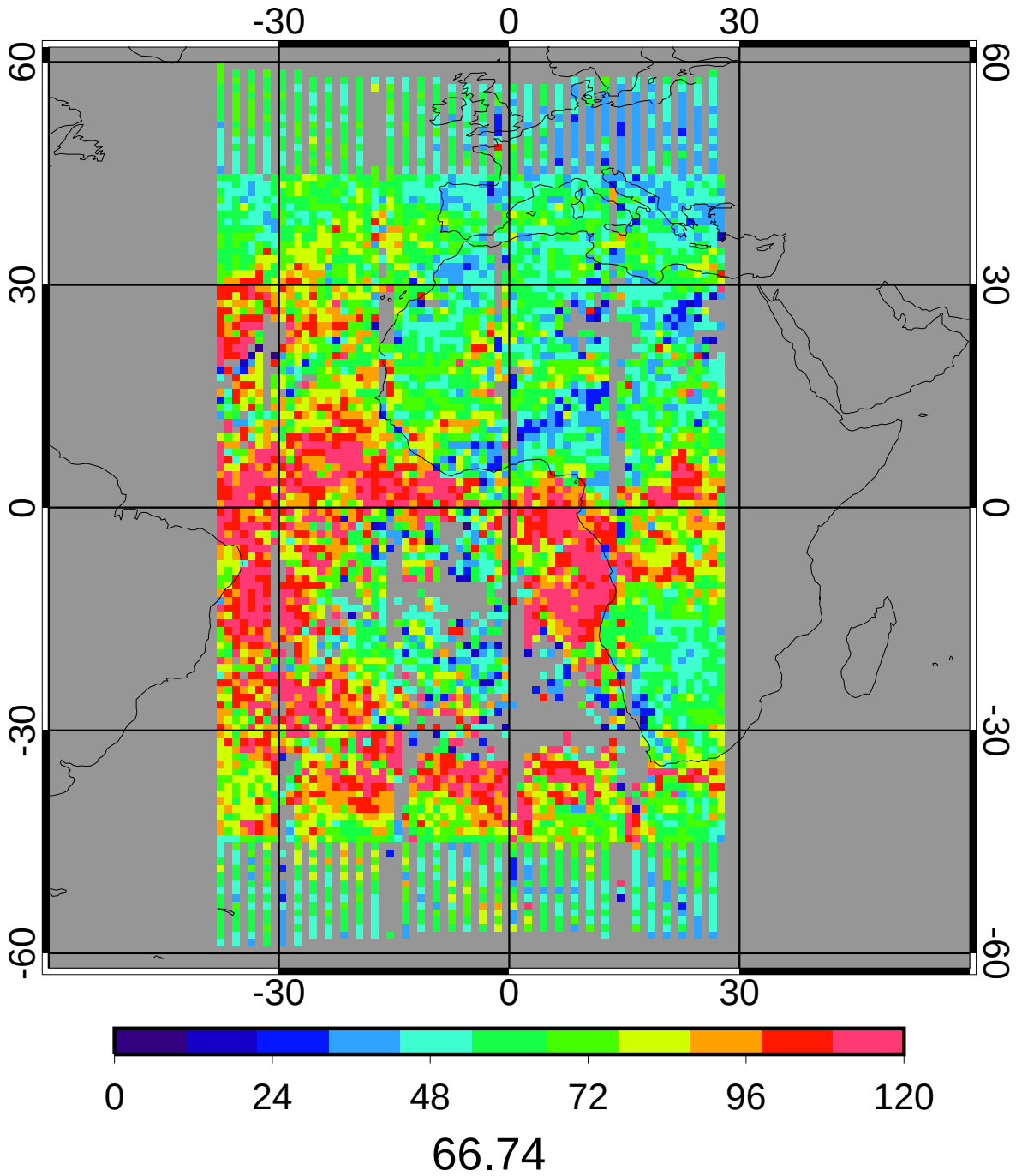
5ch_V01 Jan 2010



regave rms	6.58	45.77%
domain rms	6.62	45.99%

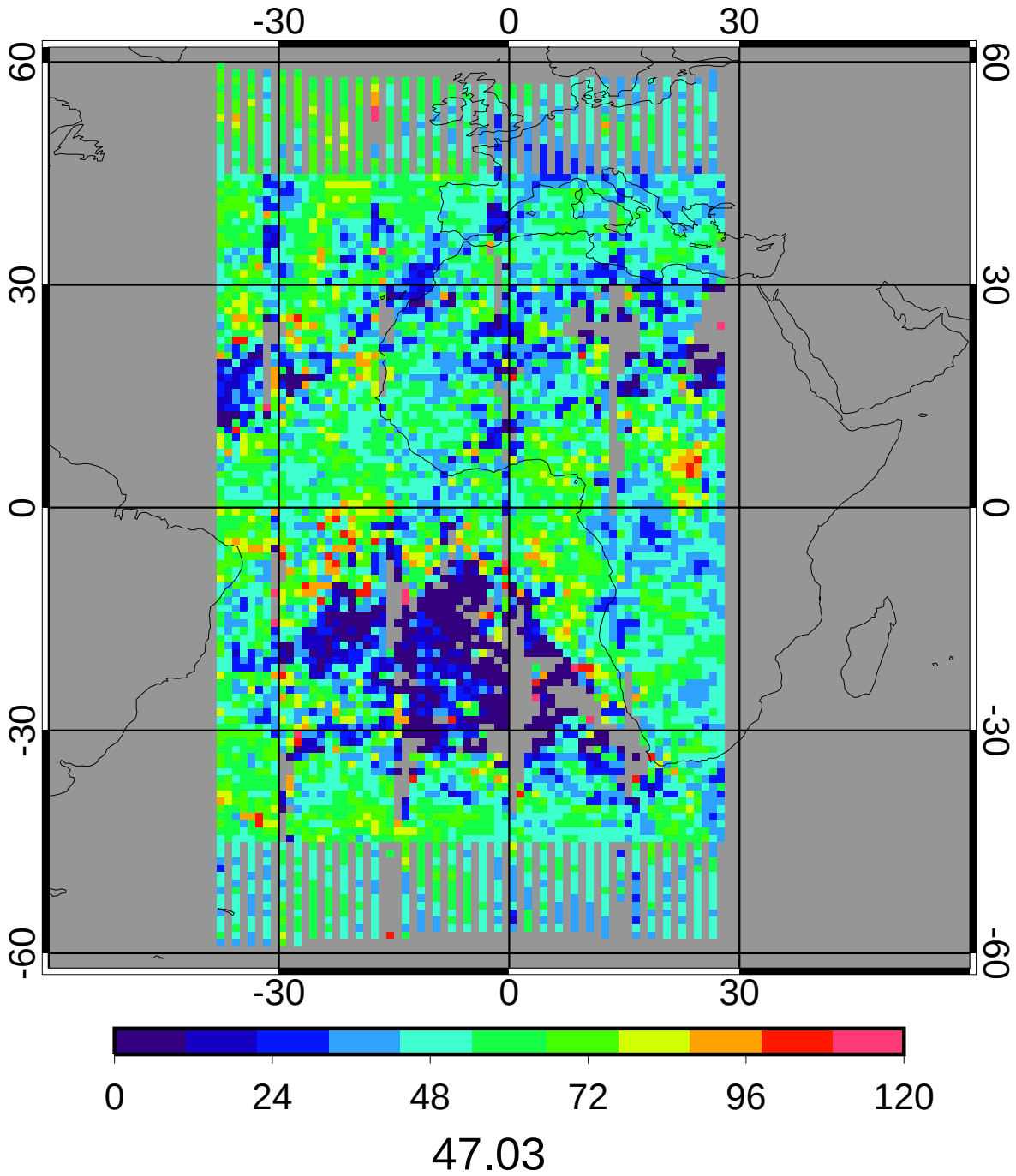
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch_V01 Jan 2010



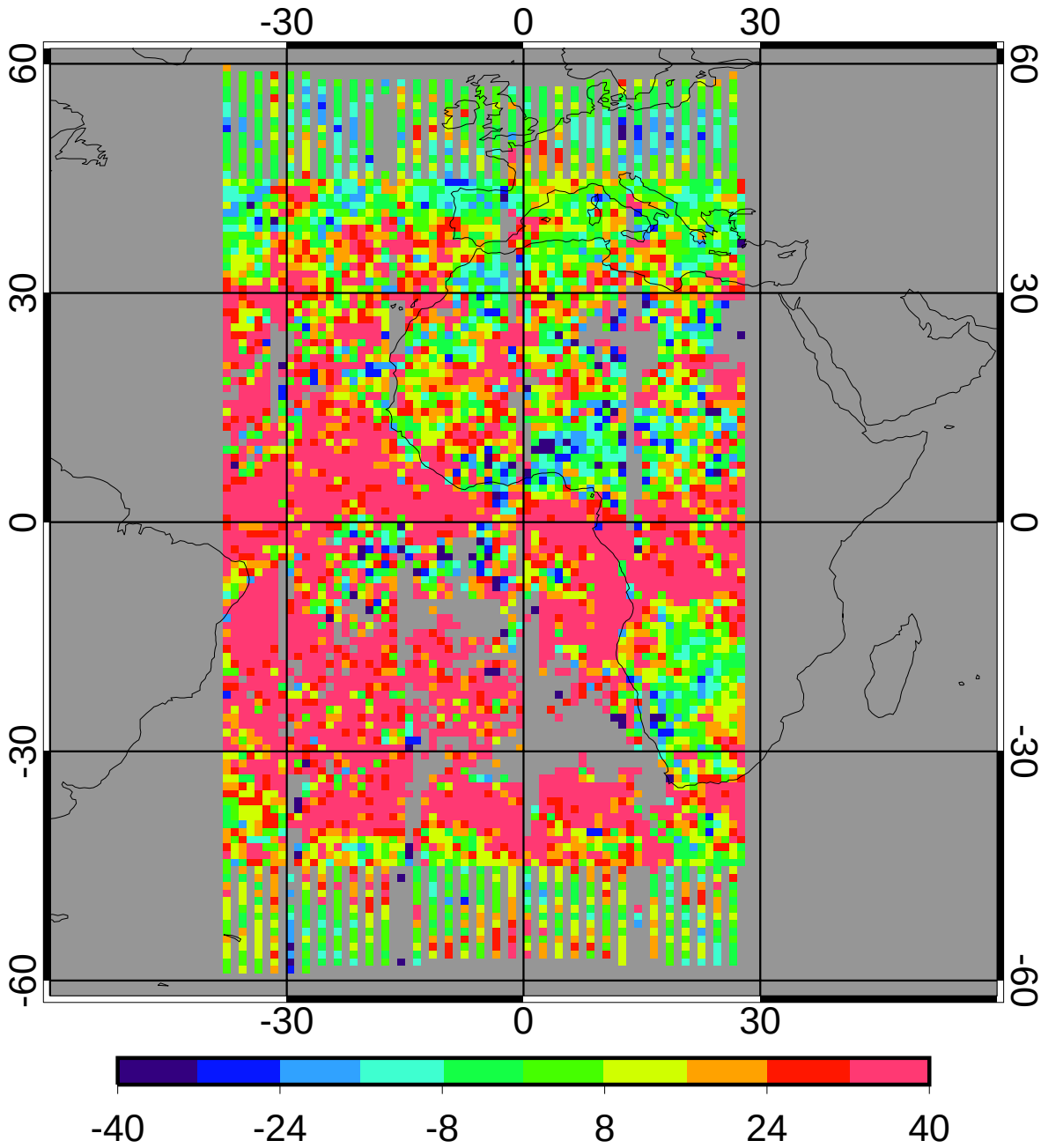
CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

5ch_V01 Jan 2010



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

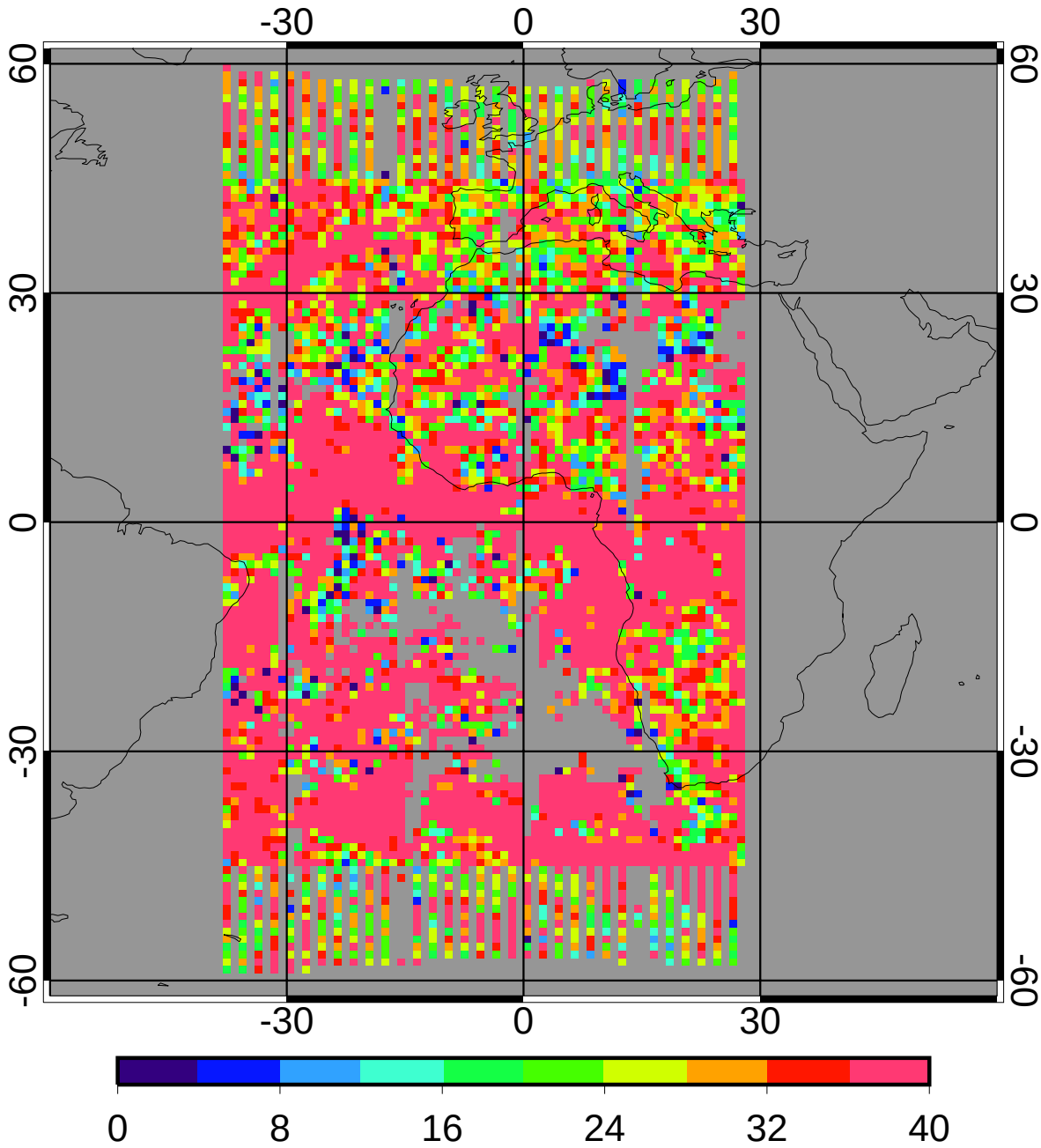
5ch_V01 Jan 2010



bias	20.45	43.49%
domain sigma	25.68	54.61%

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

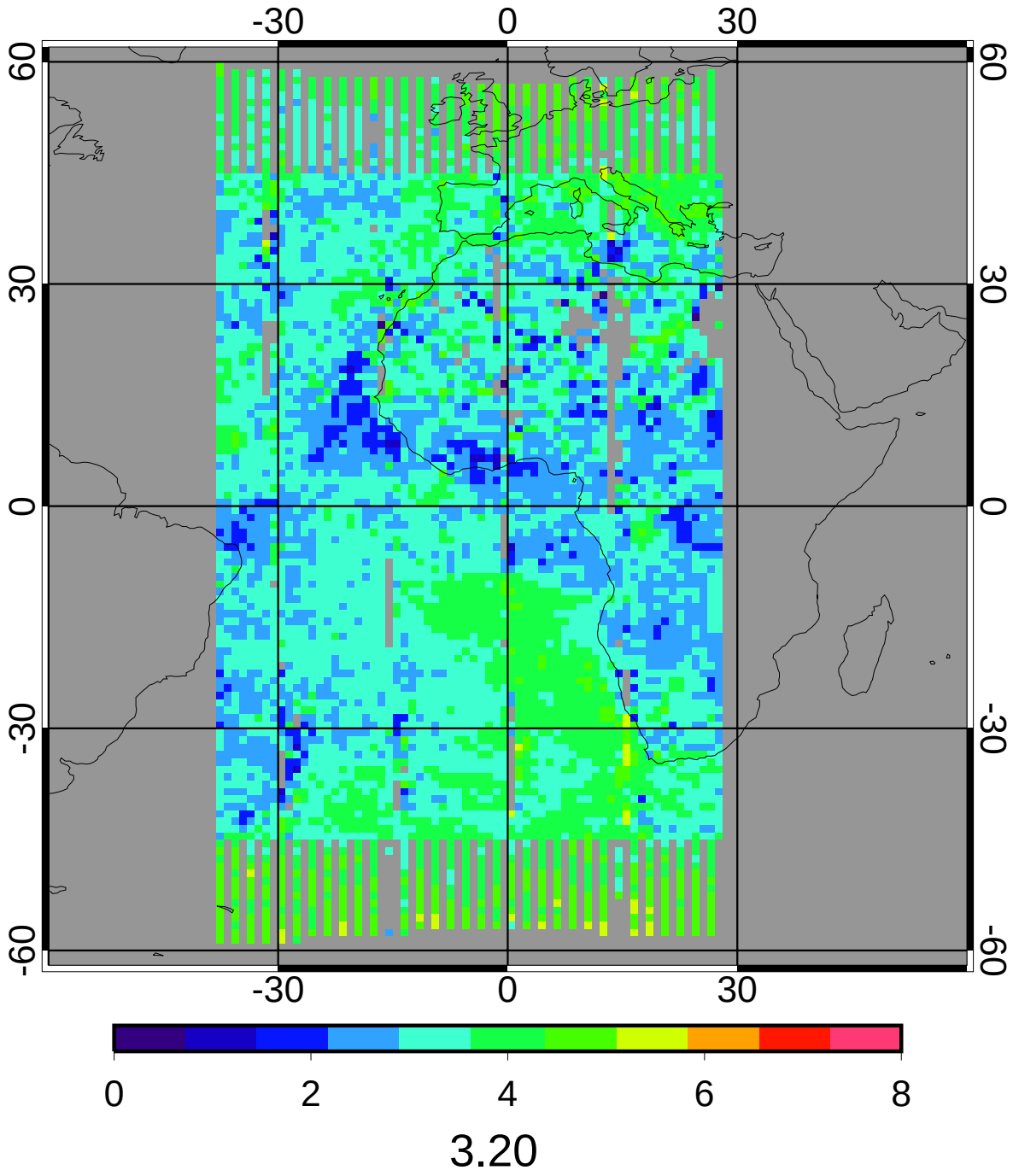
5ch_V01 Jan 2010



regave rms	35.82	76.17%
domain rms	39.18	83.31%

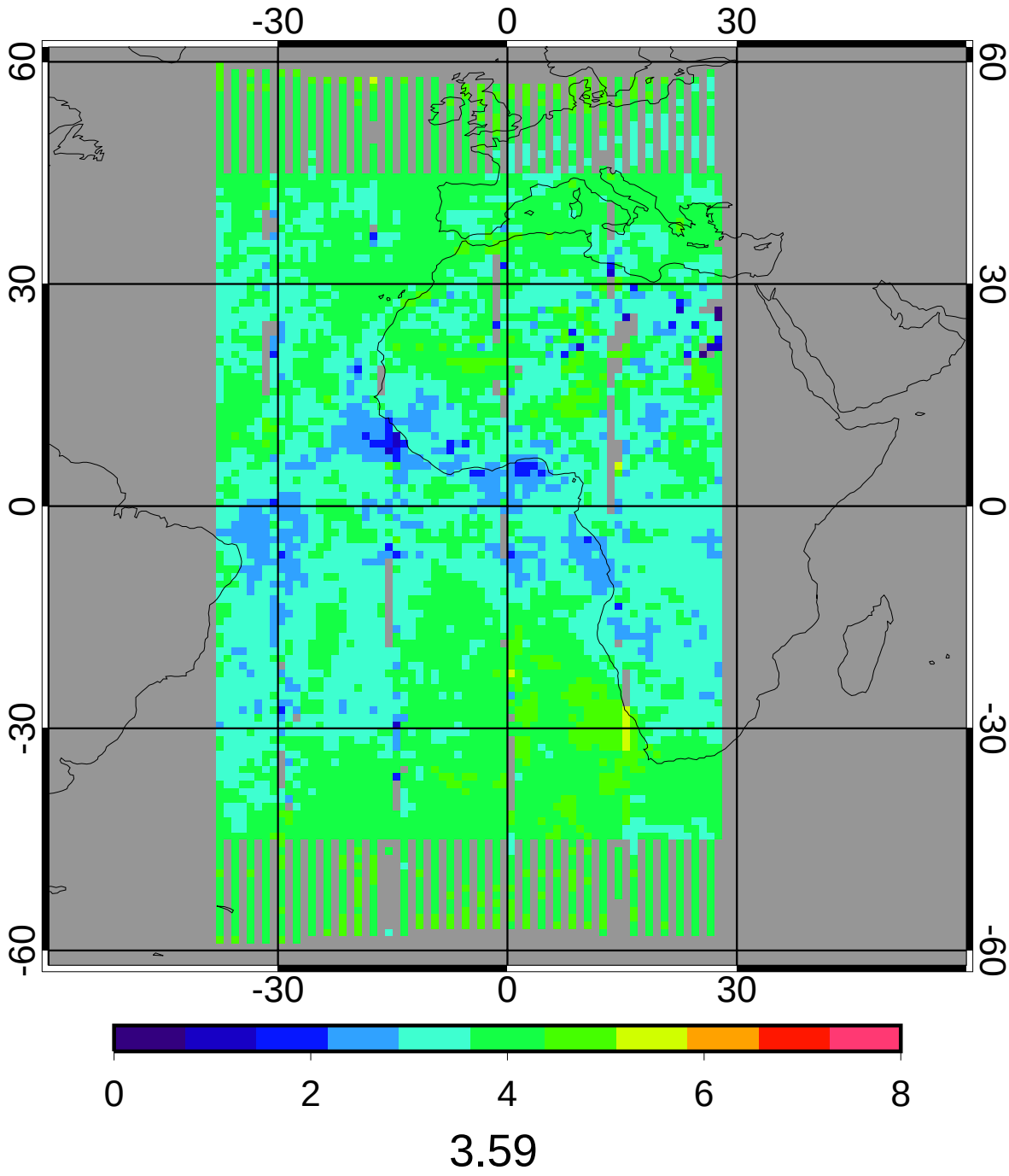
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010



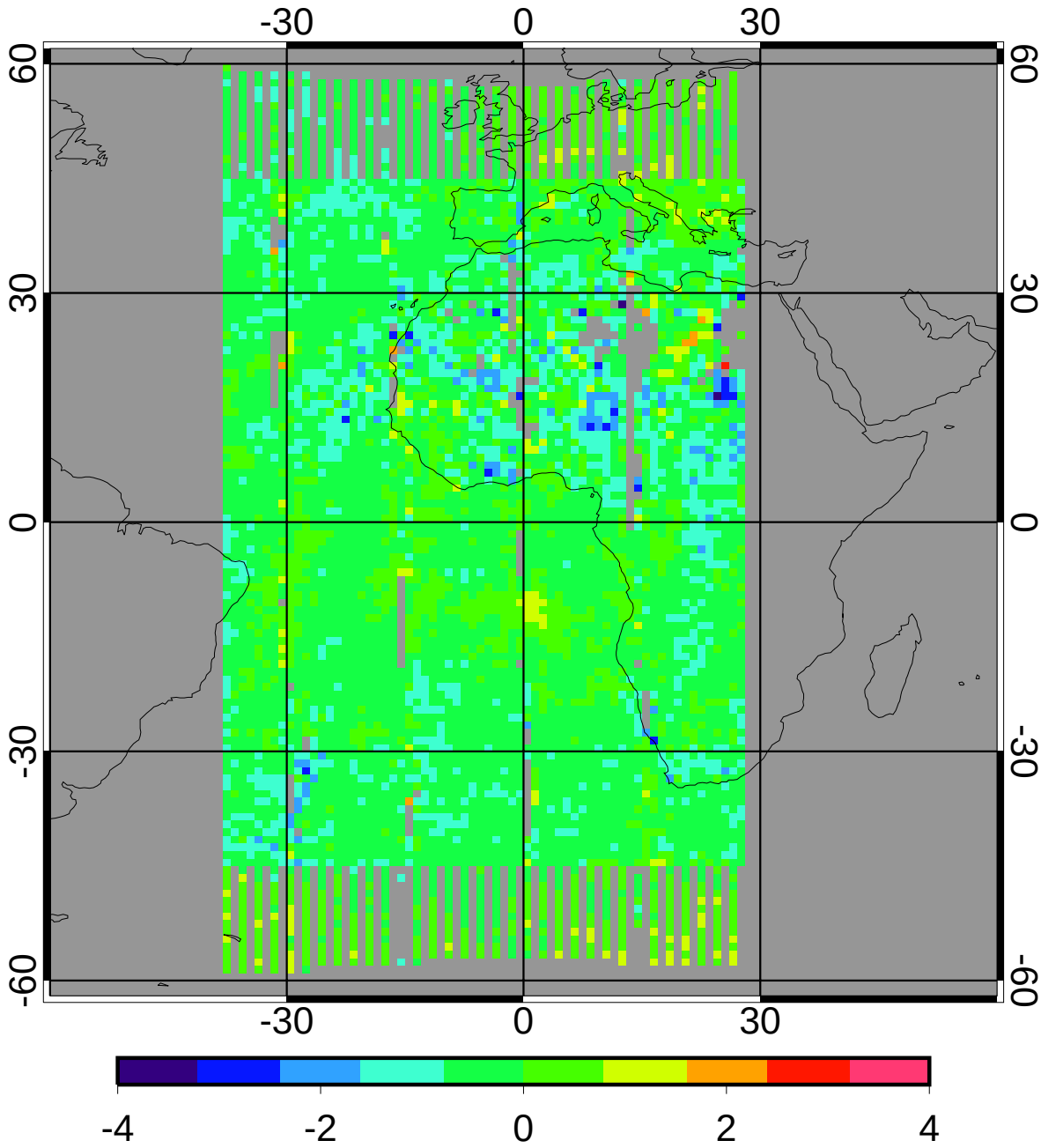
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_V01 Jan 2010



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

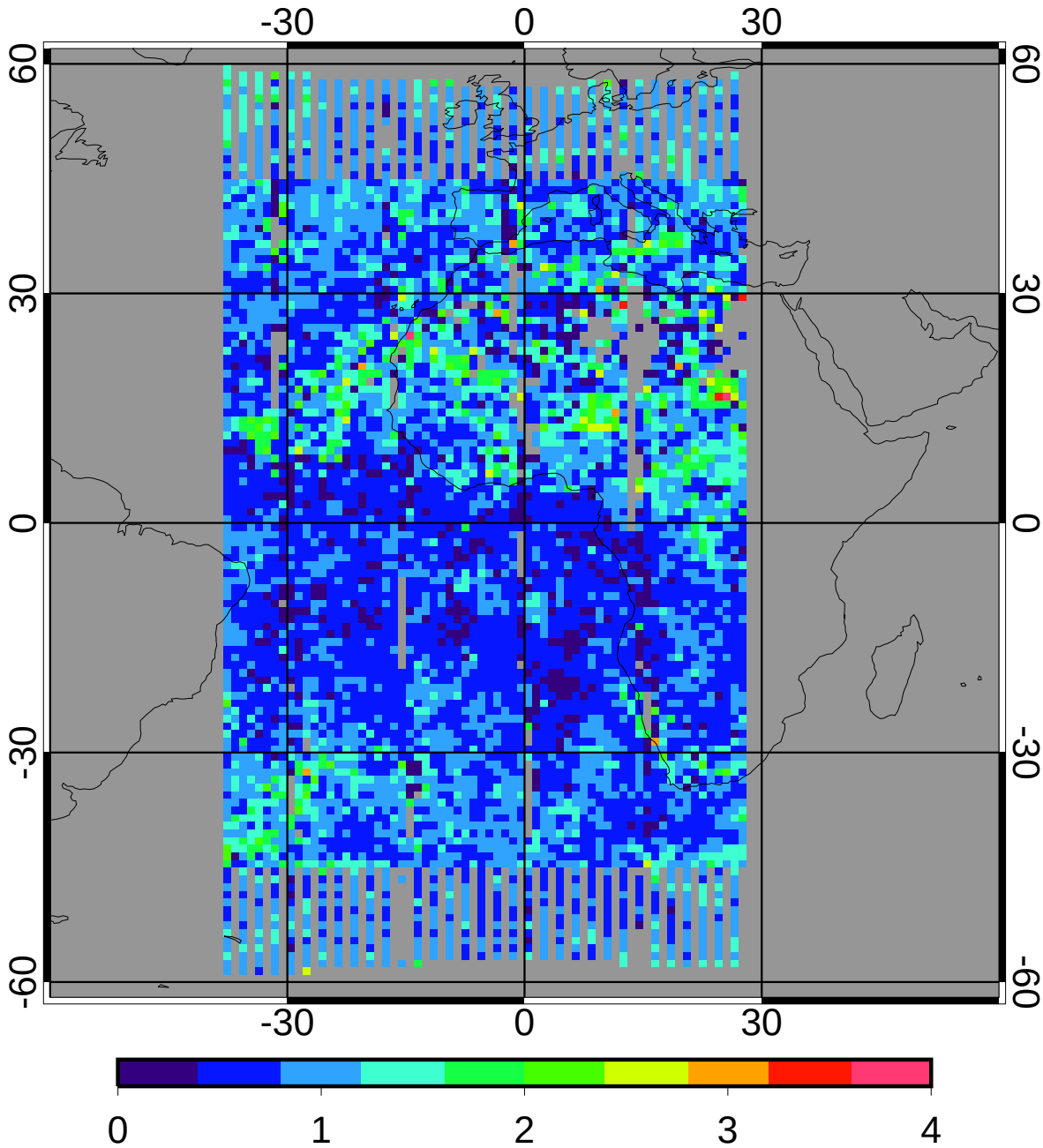
5ch_V01 Jan 2010



bias	-0.35	-9.79%
domain sigma	0.49	13.63%

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

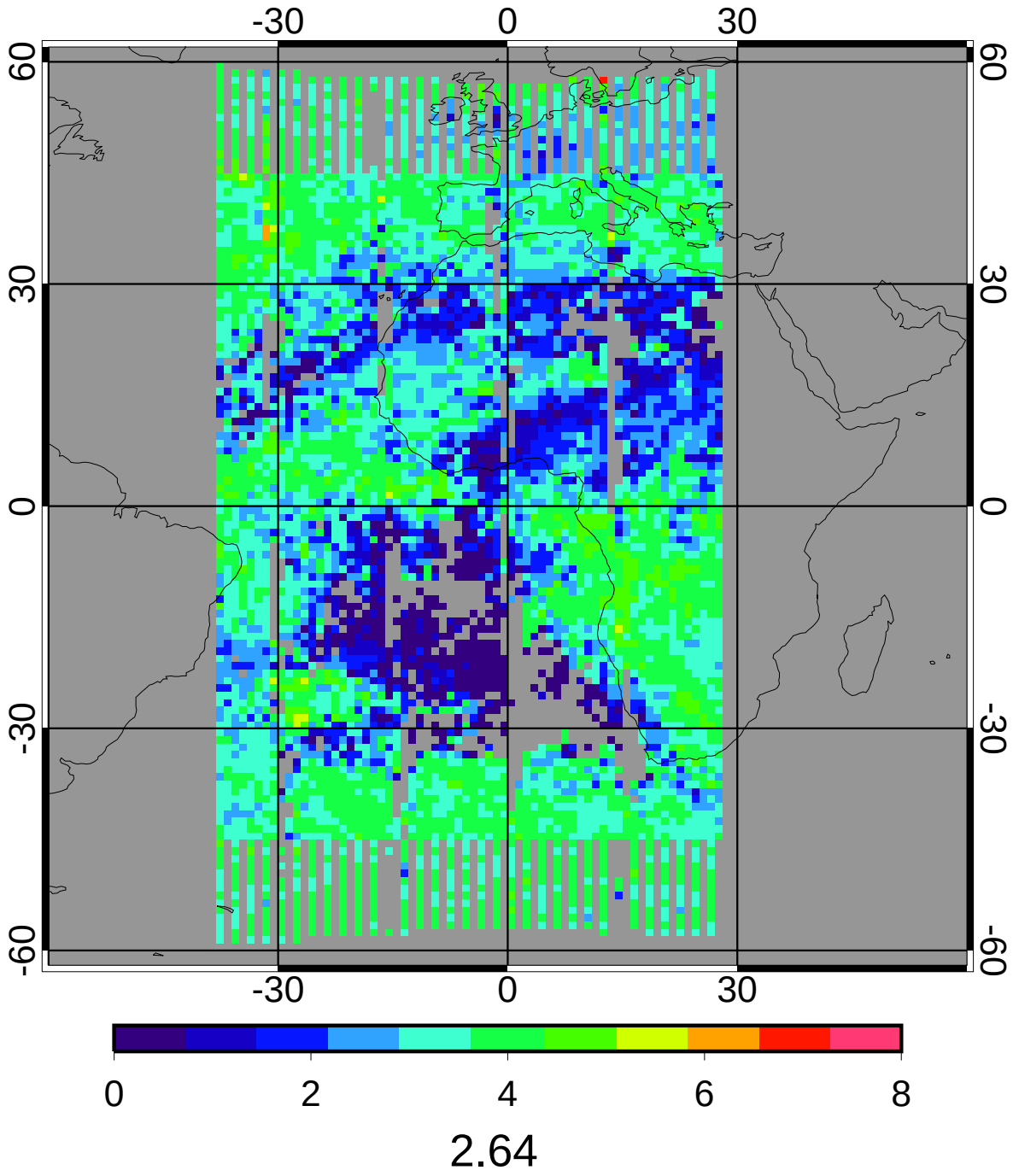
5ch_V01 Jan 2010



regave rms	0.85	23.59%
domain rms	0.86	23.85%

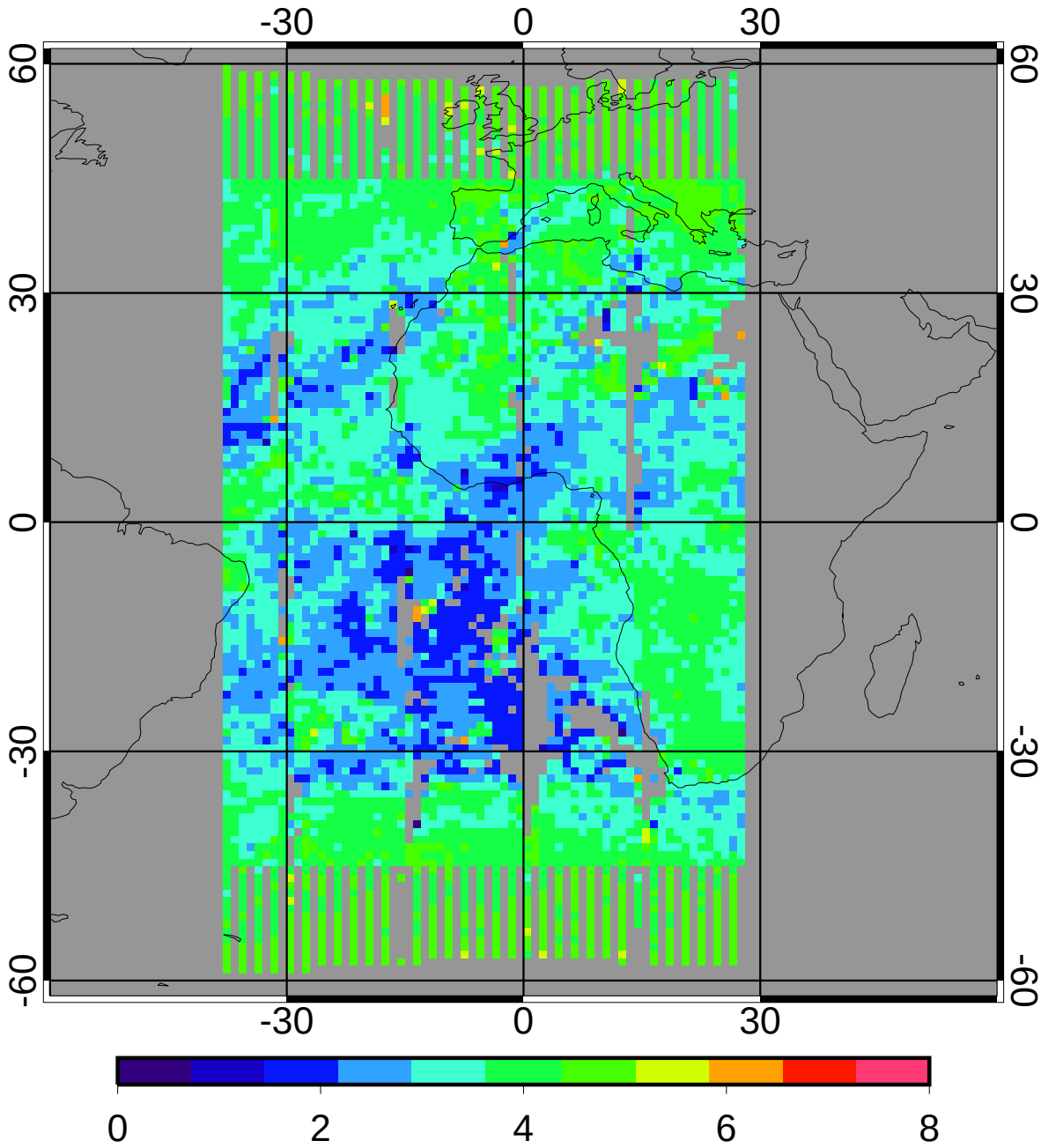
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_V01 Jan 2010



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

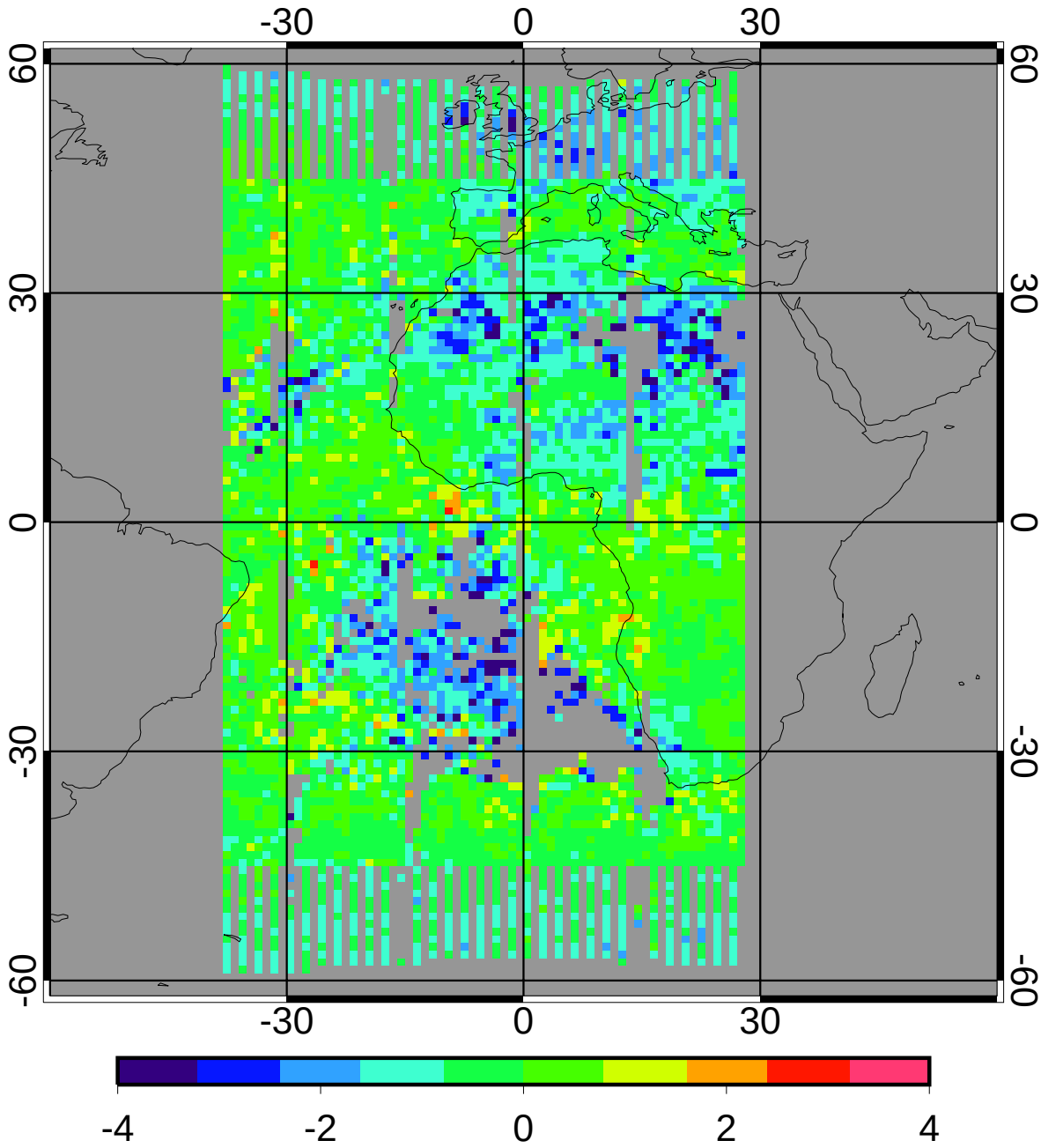
5ch_V01 Jan 2010



3.19

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

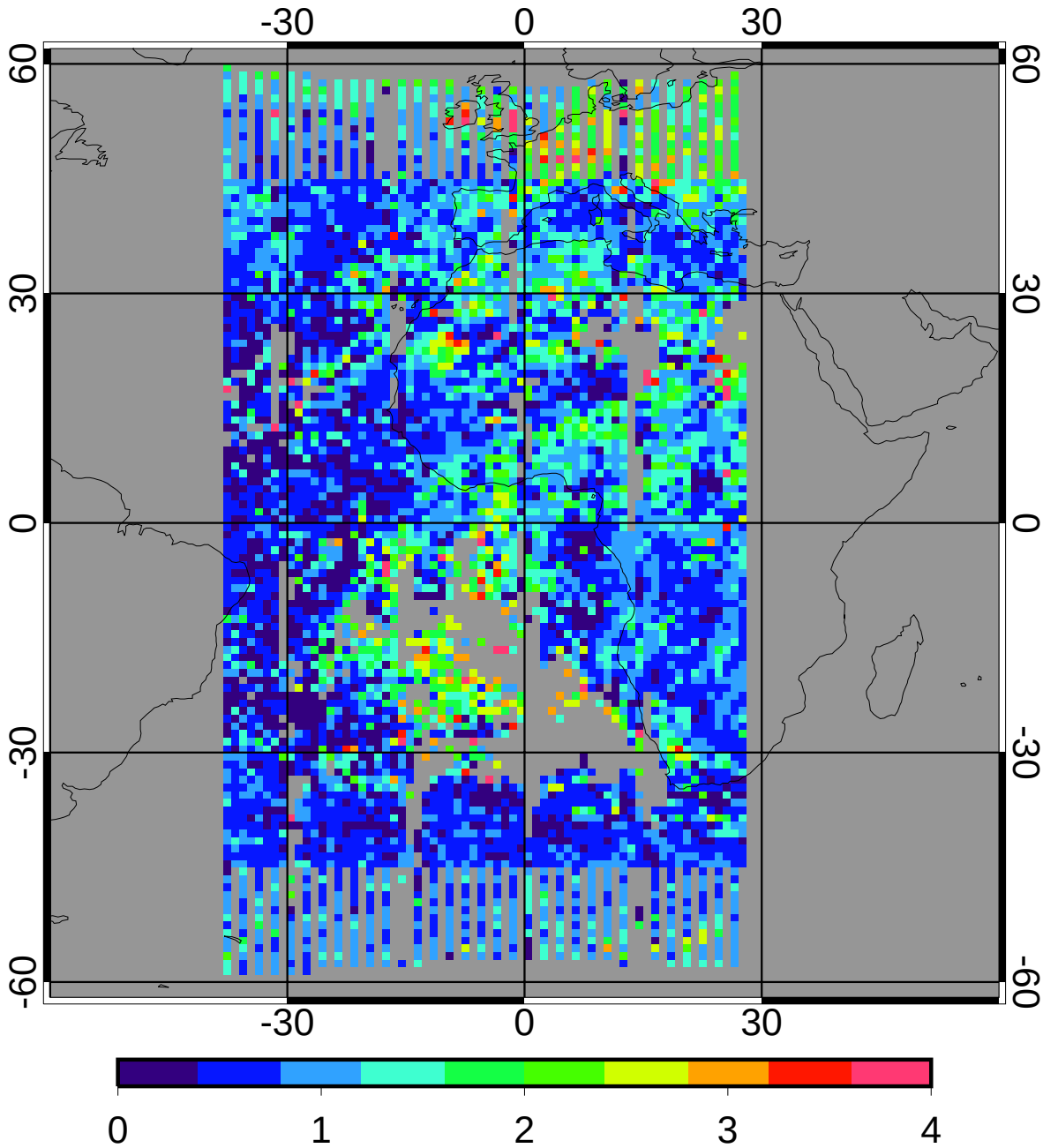
5ch_V01 Jan 2010



bias	-0.43	-13.52%
domain sigma	0.85	26.67%

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

5ch_V01 Jan 2010



regave rms	0.87	27.17%
domain rms	1.05	32.74%