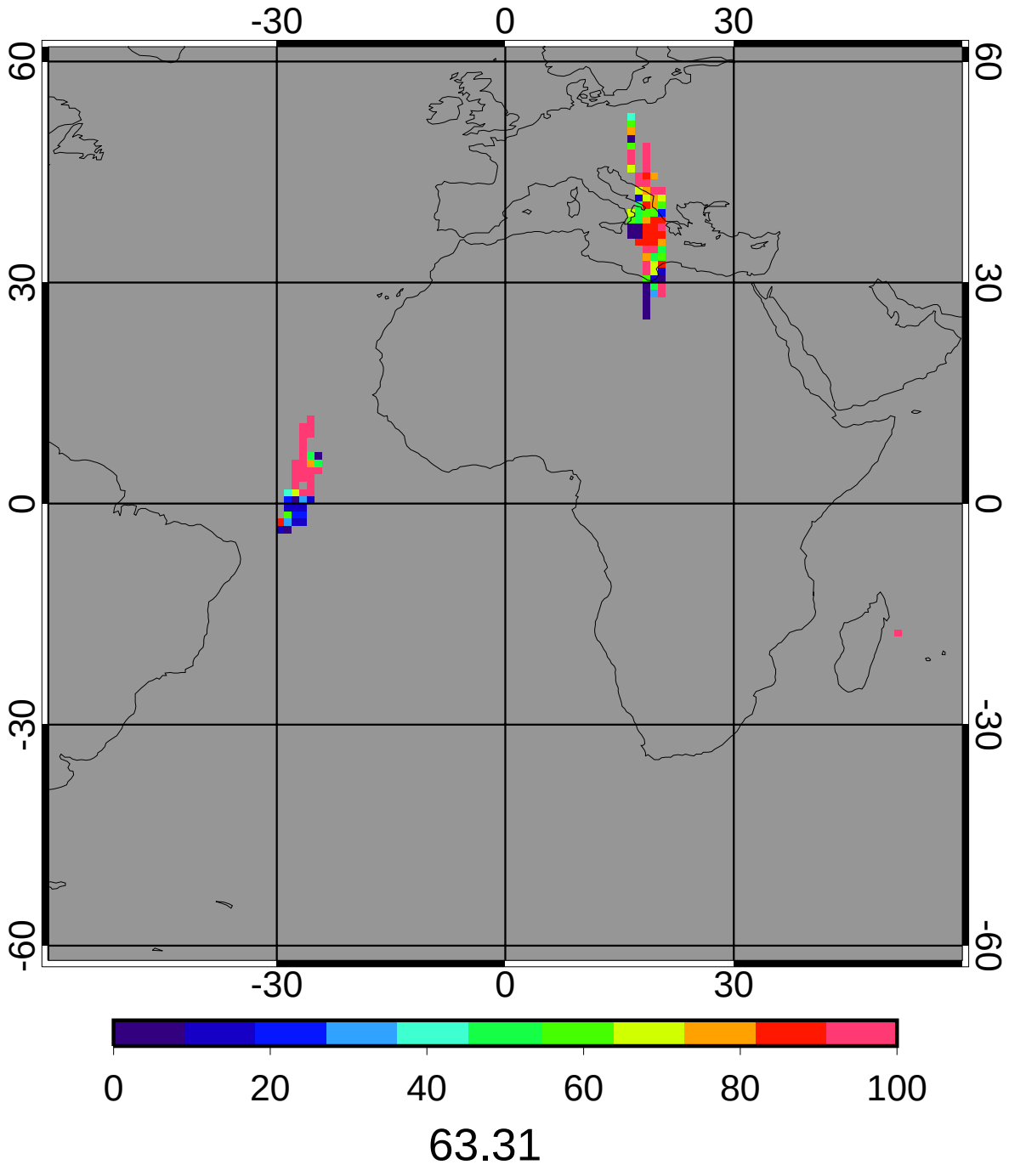
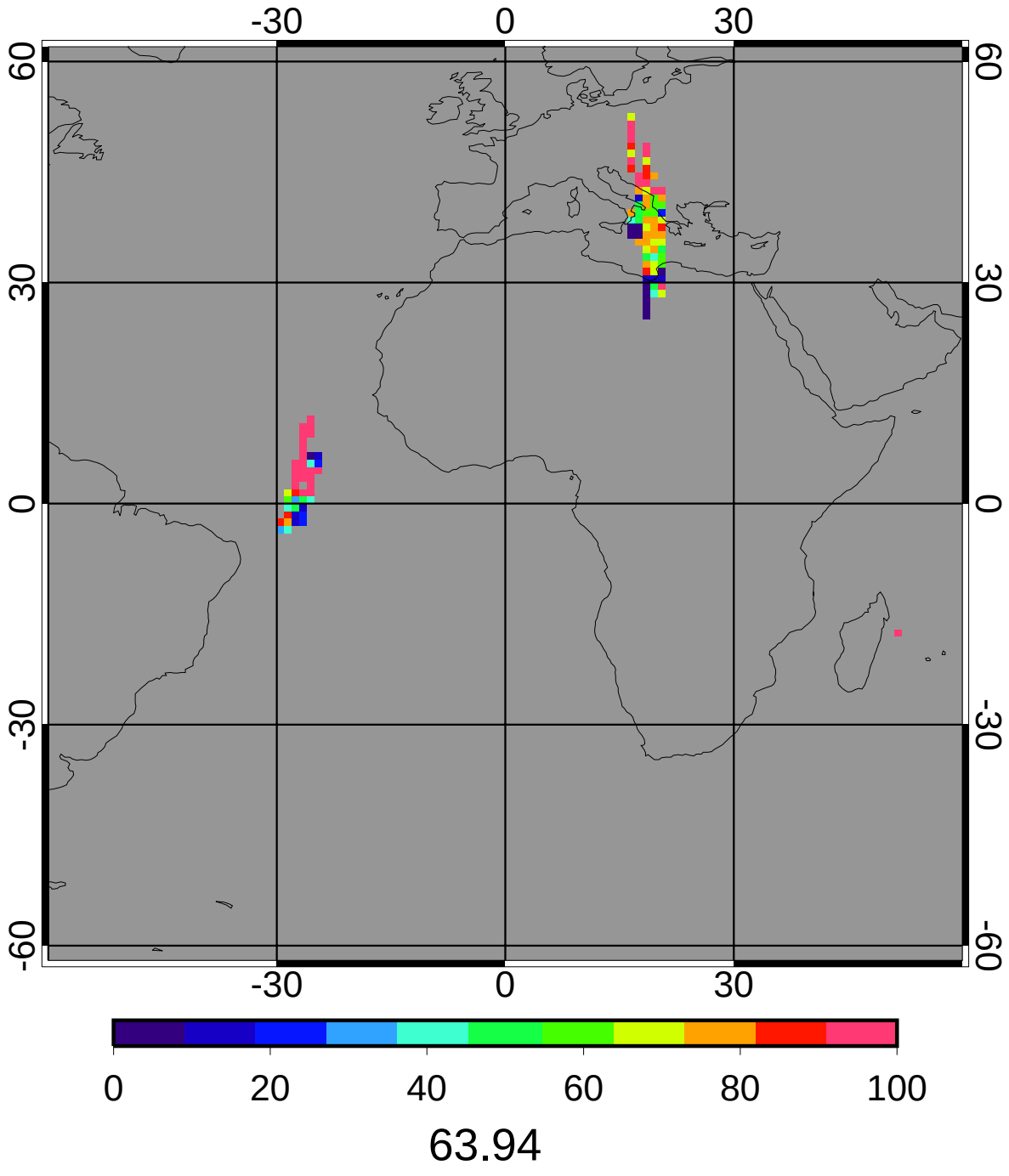
GGEO MEAN Daytime Cloud Amount (%)

5ch_39cal Oct 2010 (matched angle)



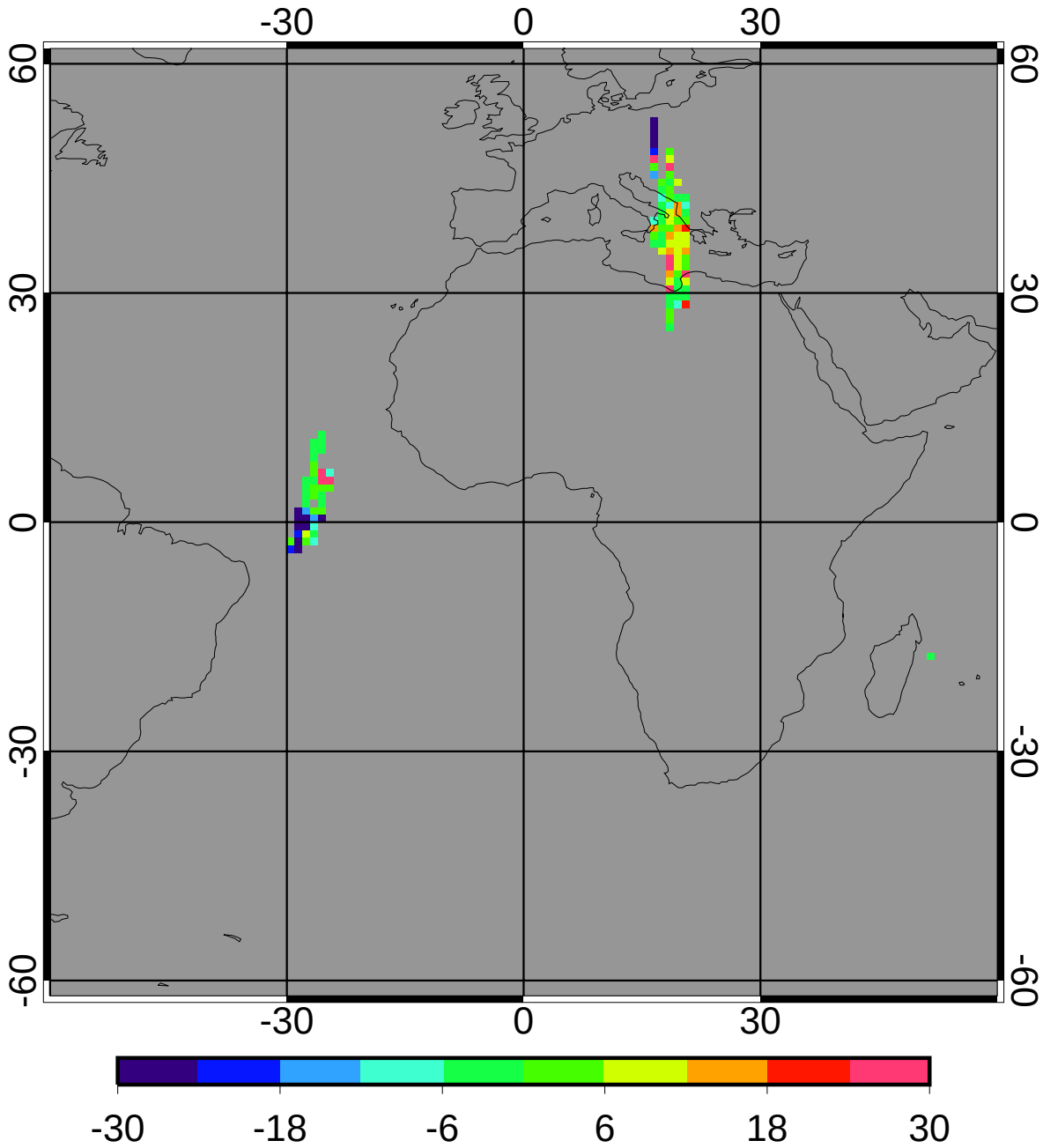
CERES MEAN Daytime Cloud Amount (%)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Cloud Amount (%) Bias

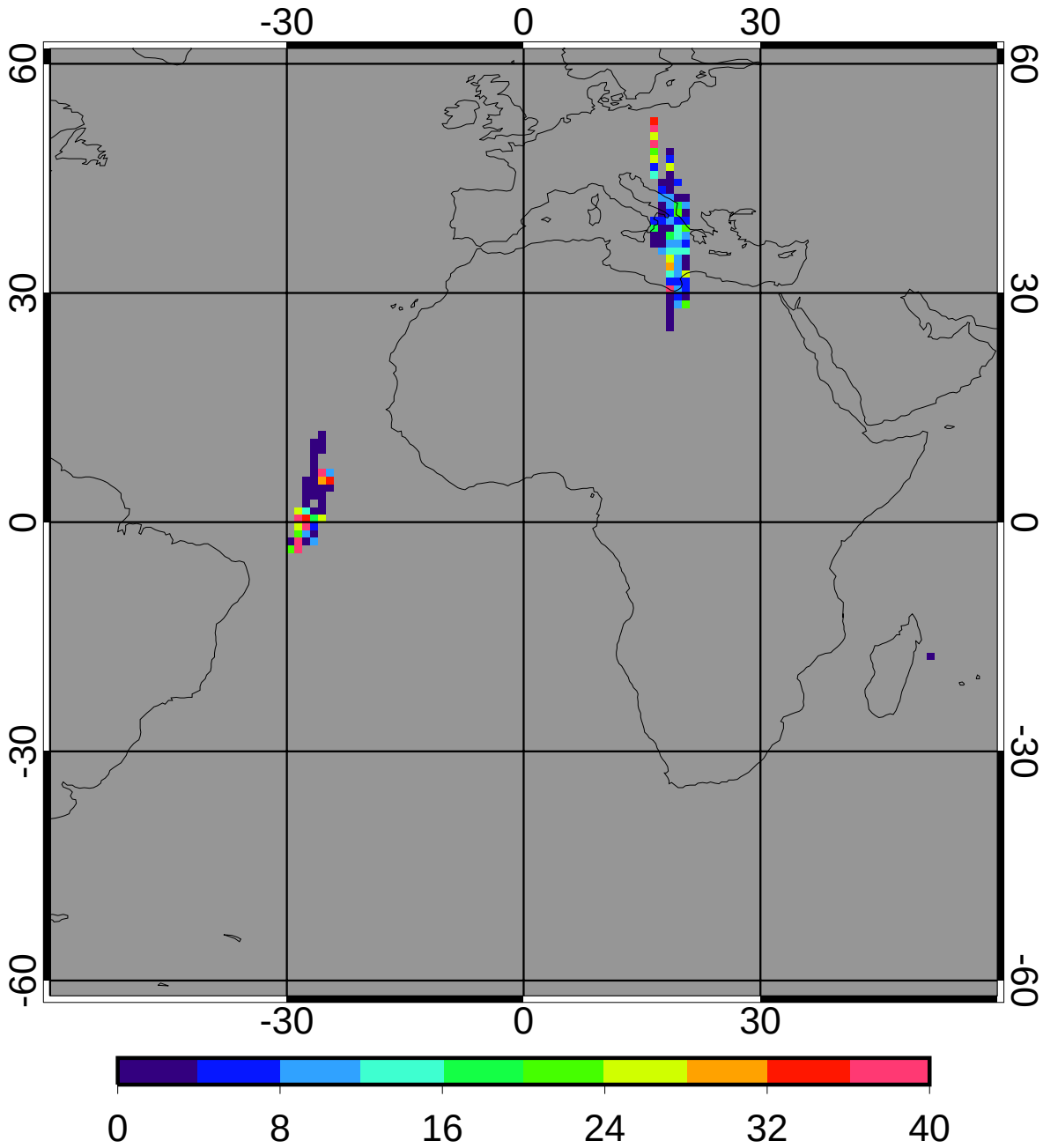
5ch_39cal Oct 2010 (matched angle)



bias	-0.63	-0.99%
domain sigma	15.08	23.59%

GGEO - CERES Daytime Cloud Amount (%) RMS

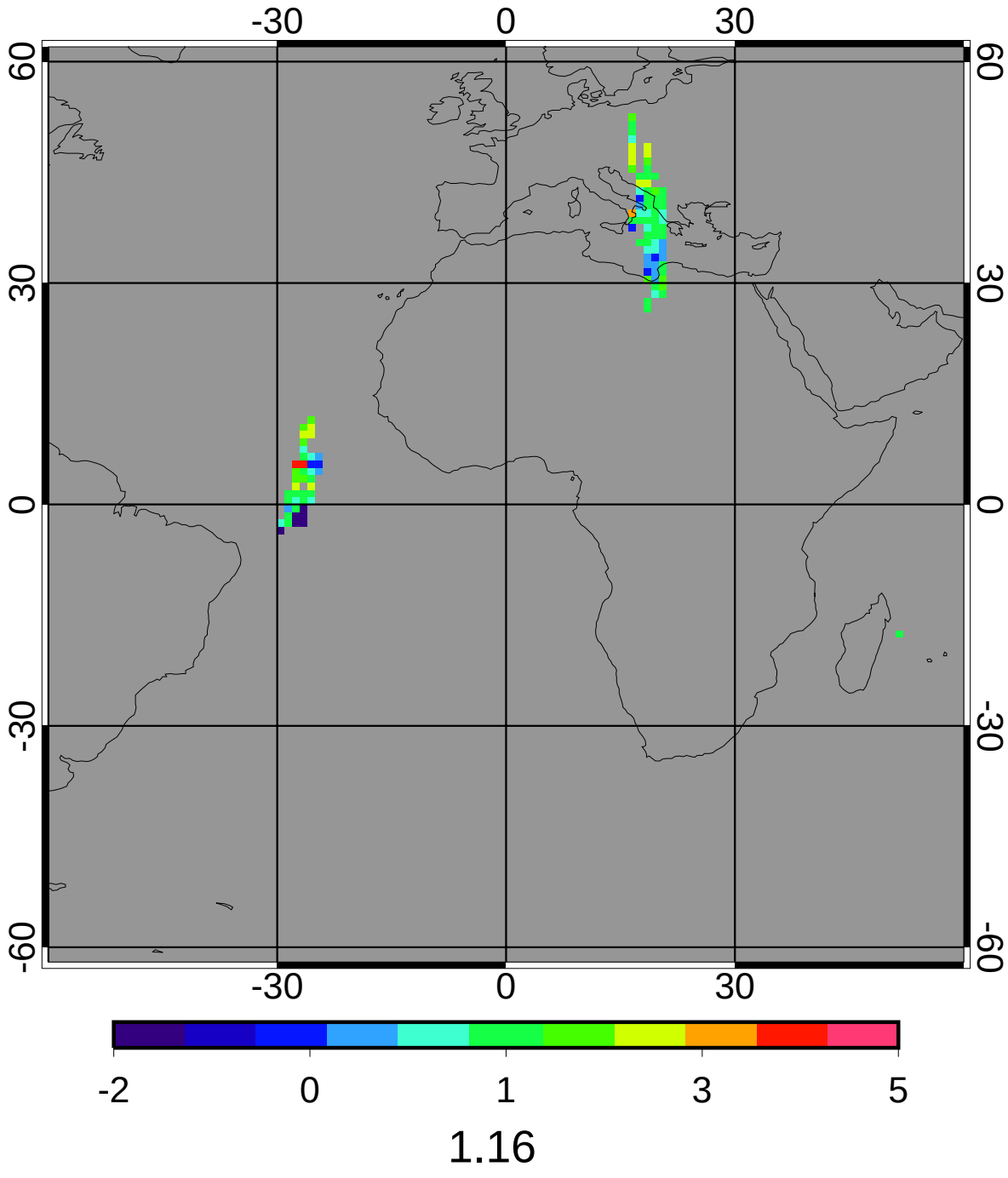
5ch_39cal Oct 2010 (matched angle)



regave rms	11.10	17.35%
domain rms	15.84	24.77%

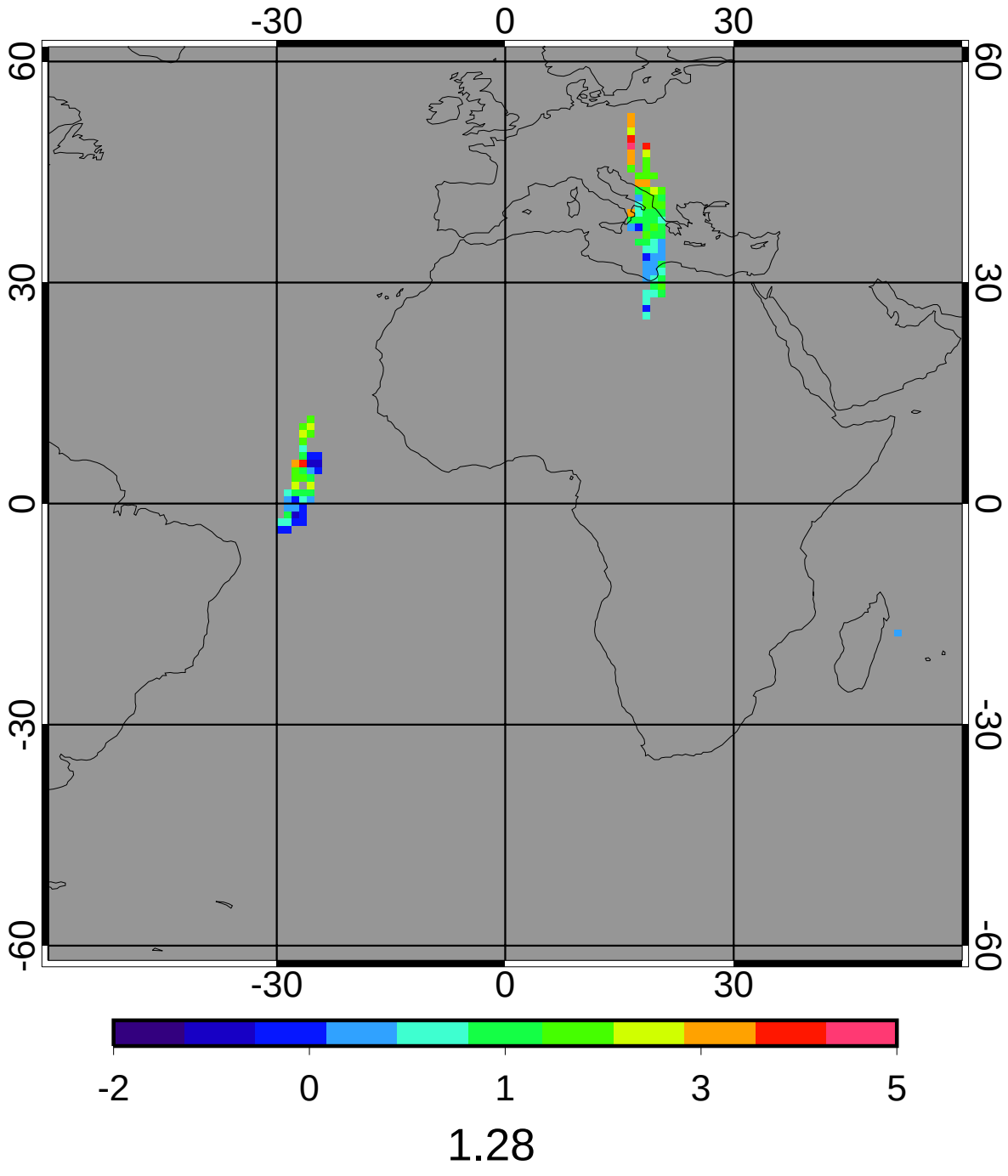
GGEO MEAN Daytime Log Optical Depth

5ch_39cal Oct 2010 (matched angle)



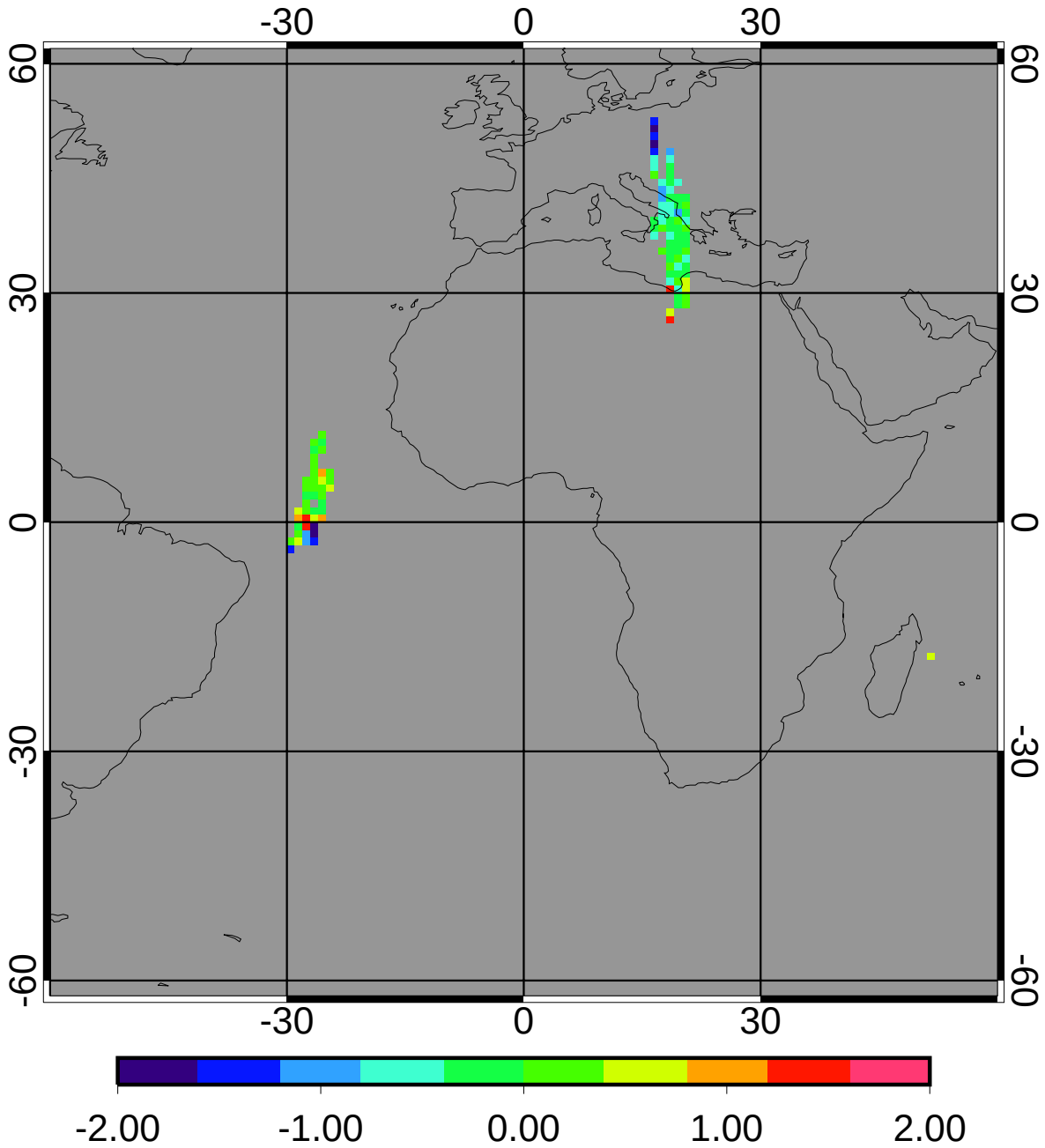
CERES MEAN Daytime Log Optical Depth

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Log Optical Depth Bias

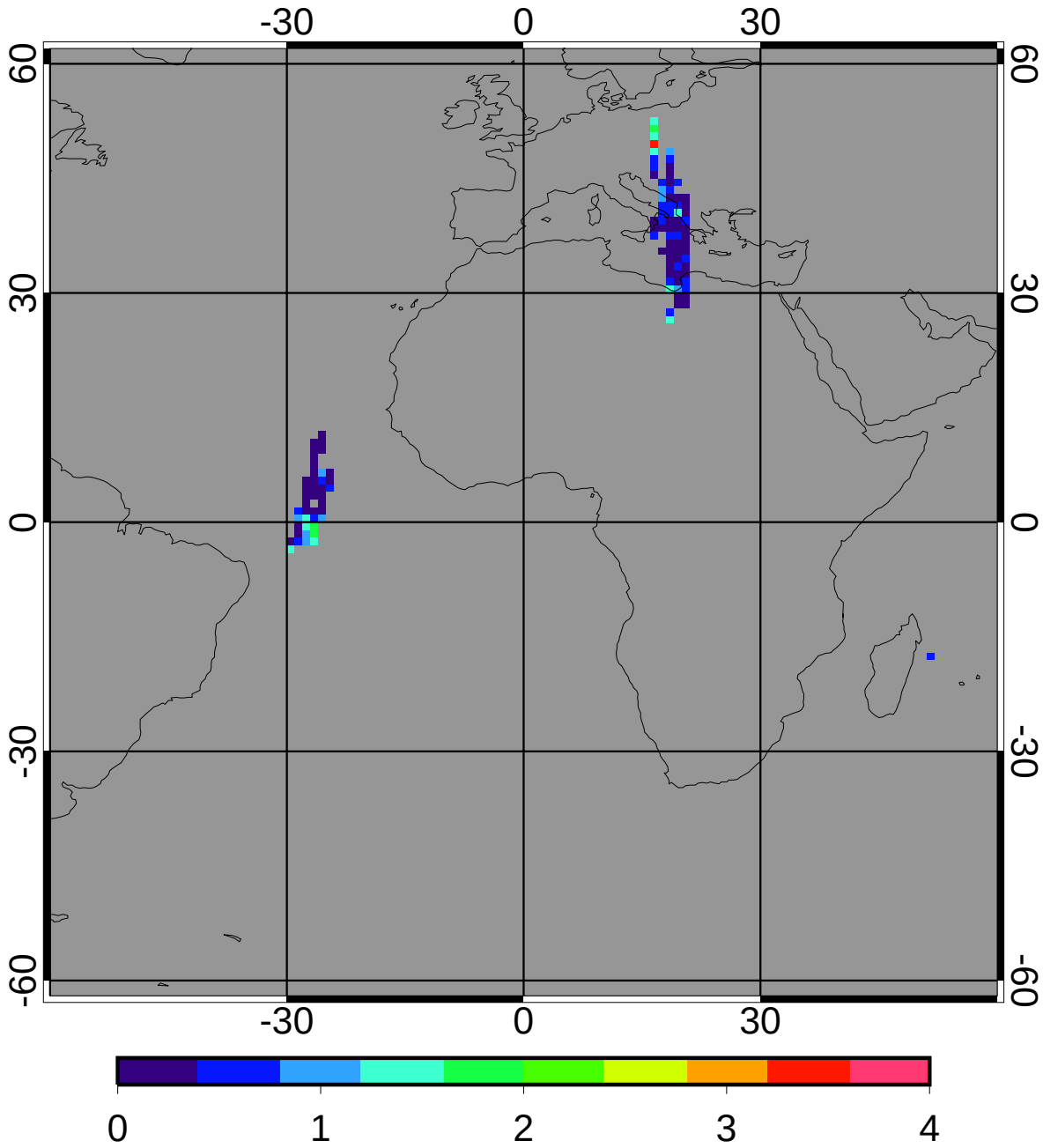
5ch_39cal Oct 2010 (matched angle)



bias	-0.12	-9.10%
domain sigma	0.58	45.55%

GGEO - CERES Daytime Log Optical Depth RMS

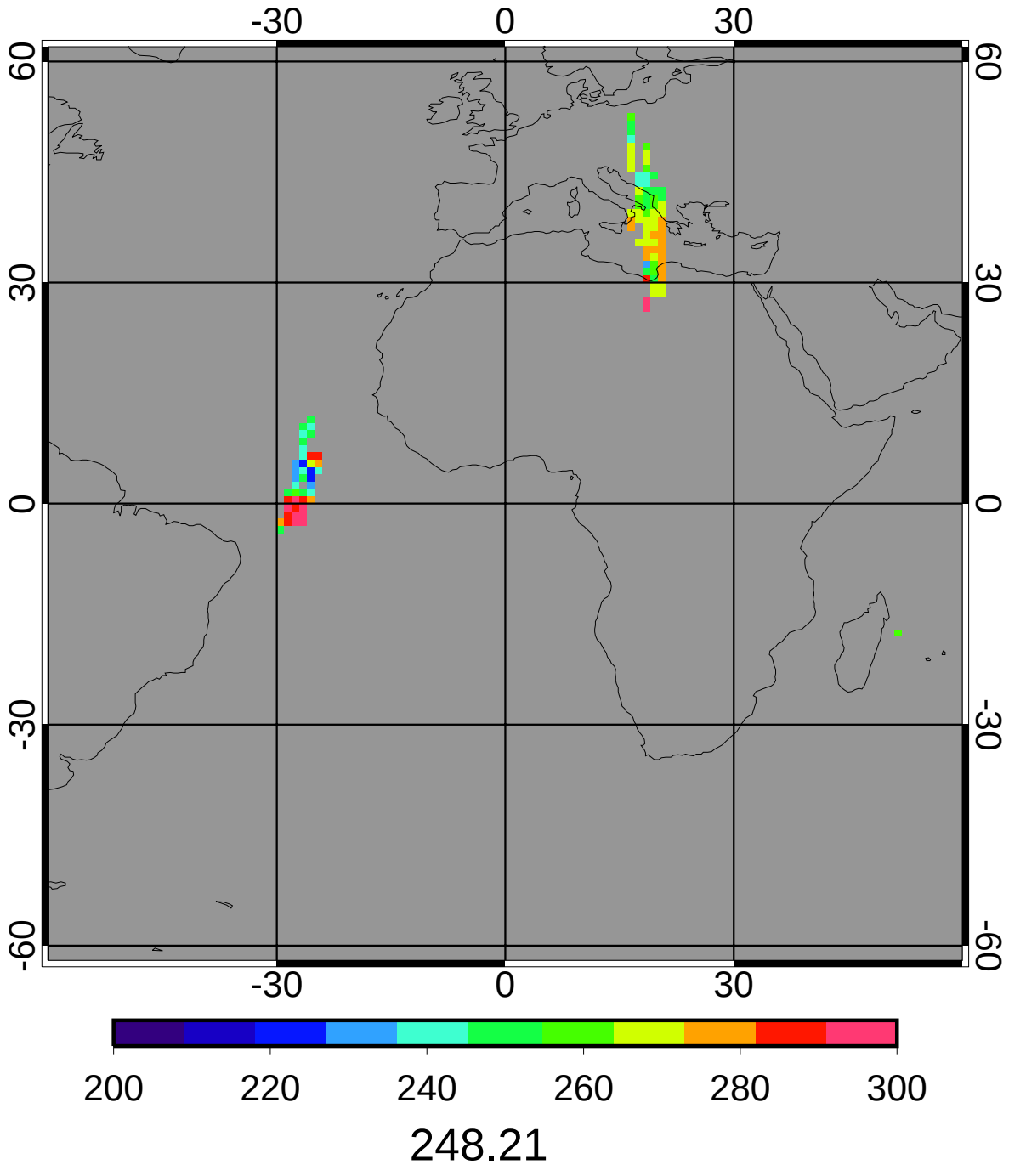
5ch_39cal Oct 2010 (matched angle)



regave rms	0.46	35.63%
domain rms	0.64	49.95%

GGEO MEAN Daytime Cloud Temperature (K)

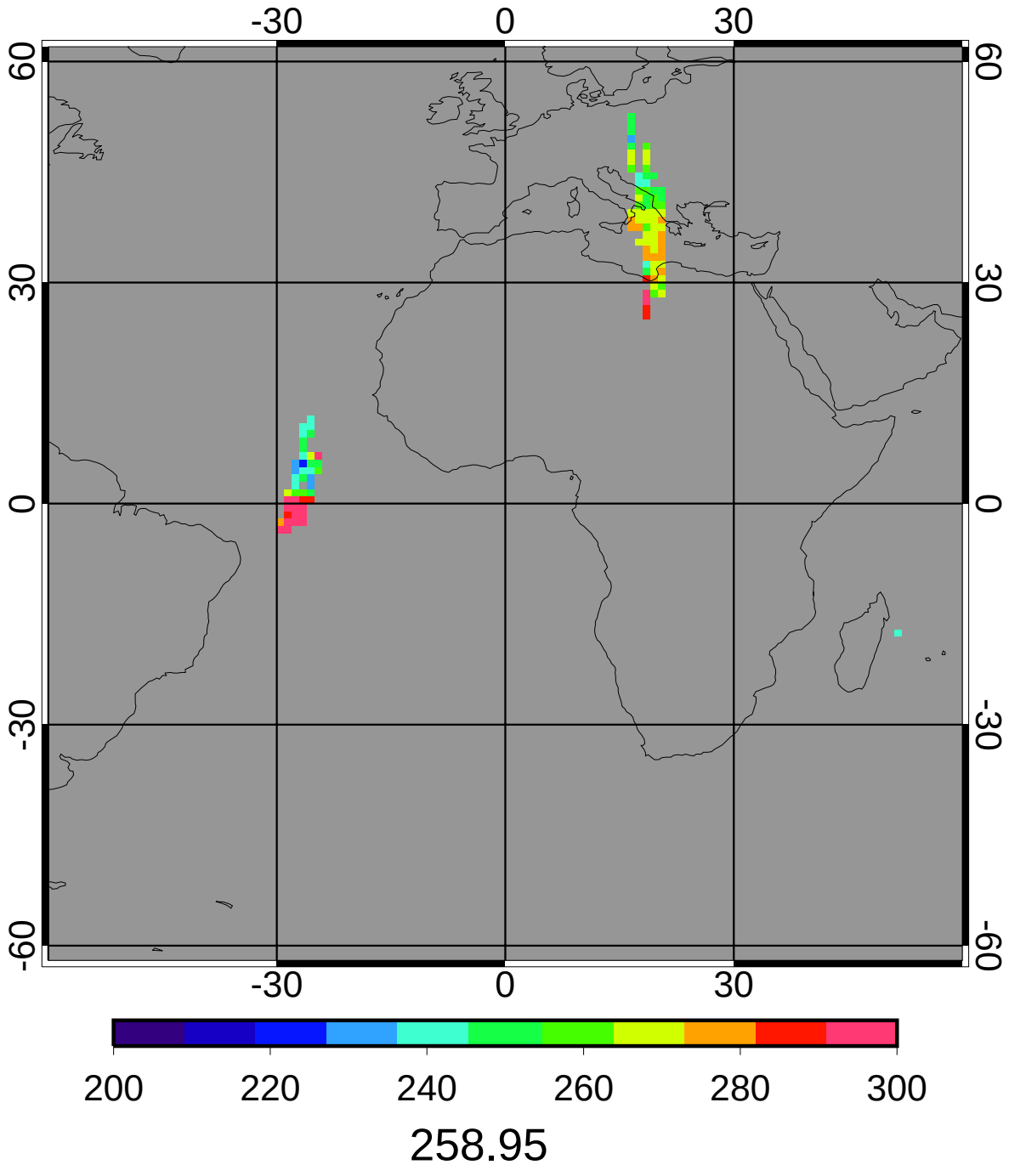
5ch_39cal Oct 2010 (matched angle)



248.21

CERES MEAN Daytime Cloud Temperature (K)

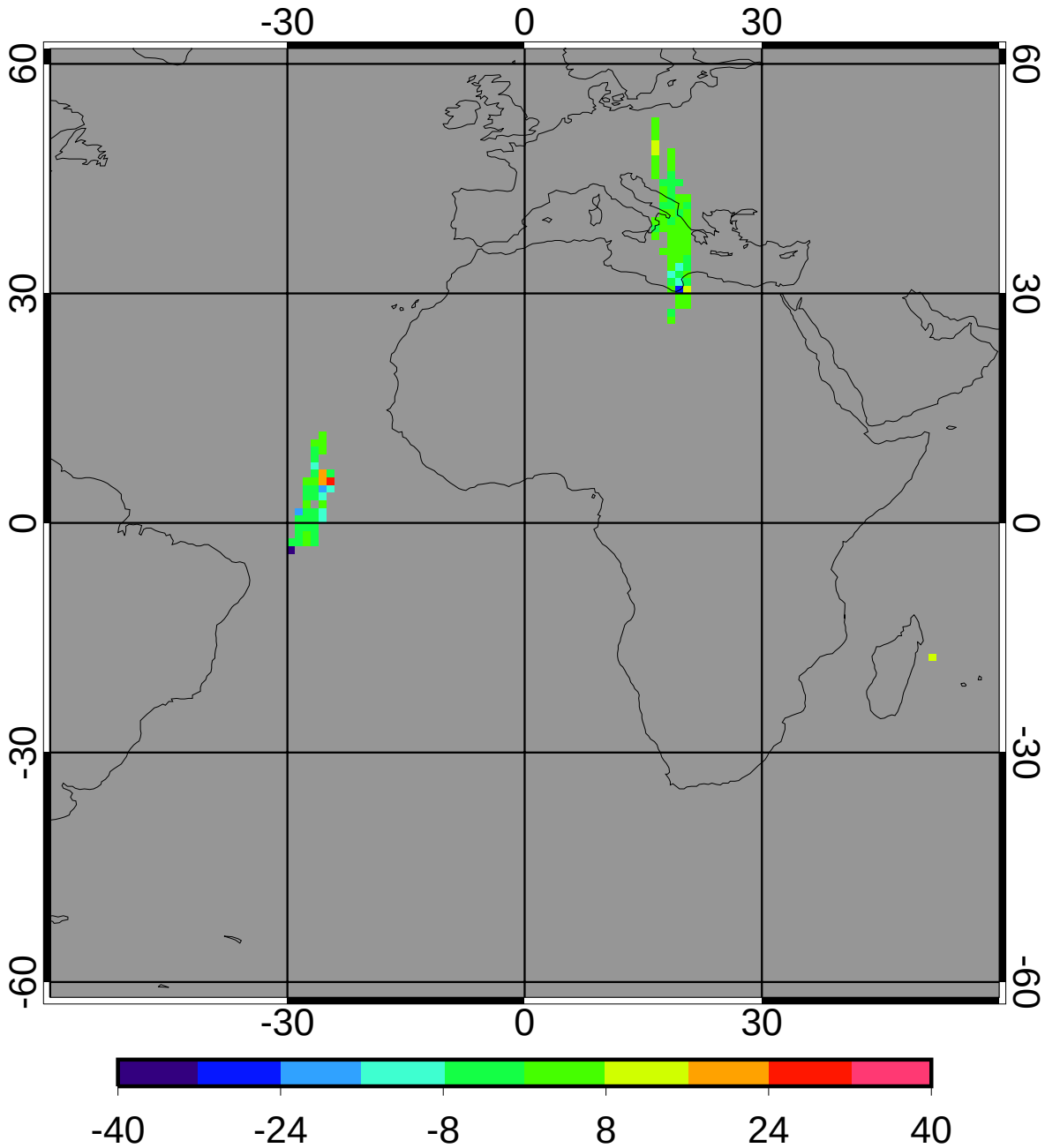
5ch_39cal Oct 2010 (matched angle)



258.95

GGEO - CERES Daytime Cloud Temperature (K) Bias

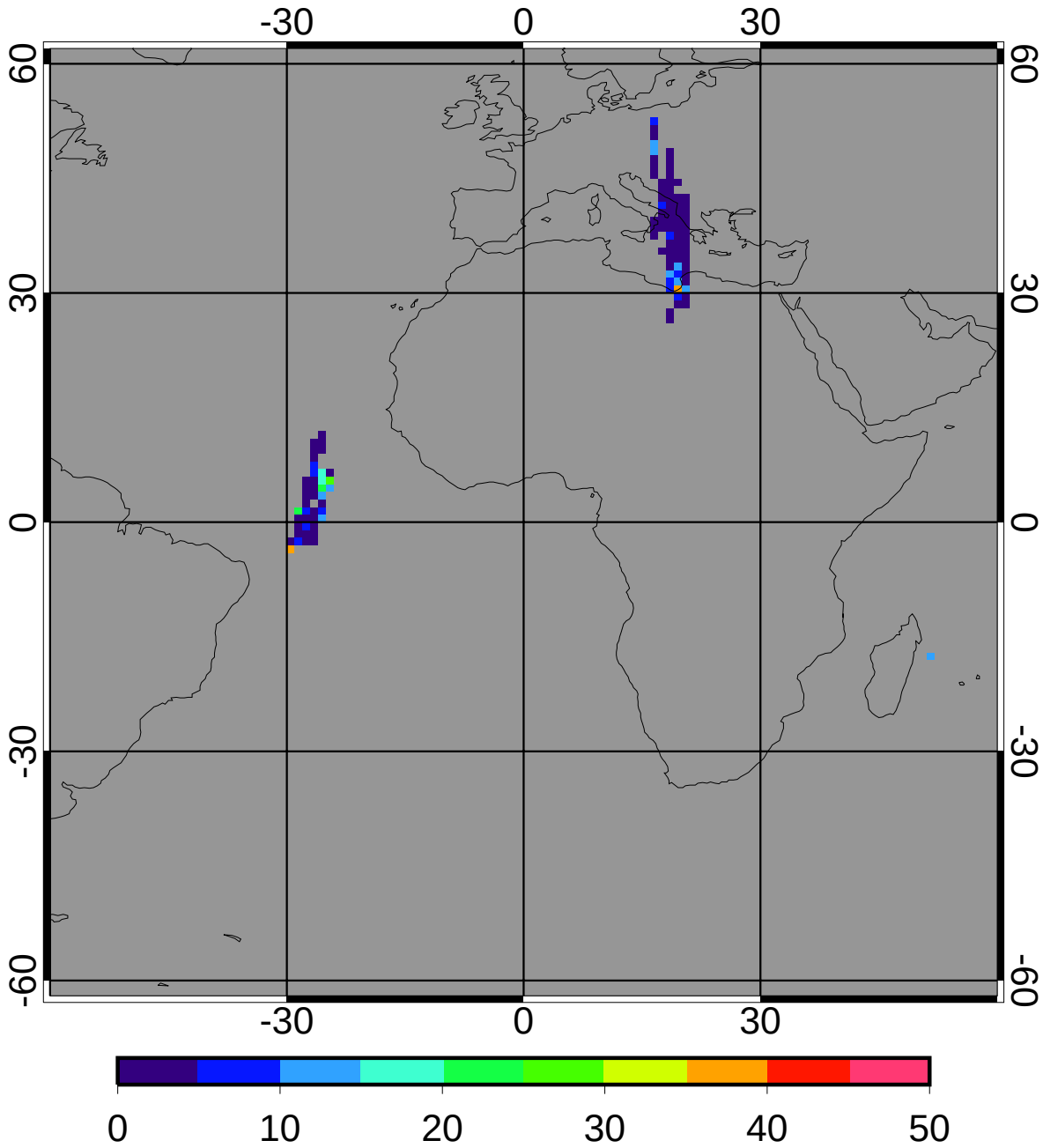
5ch_39cal Oct 2010 (matched angle)



bias	-0.79	-0.31%
domain sigma	7.29	2.82%

GGEO - CERES Daytime Cloud Temperature (K) RMS

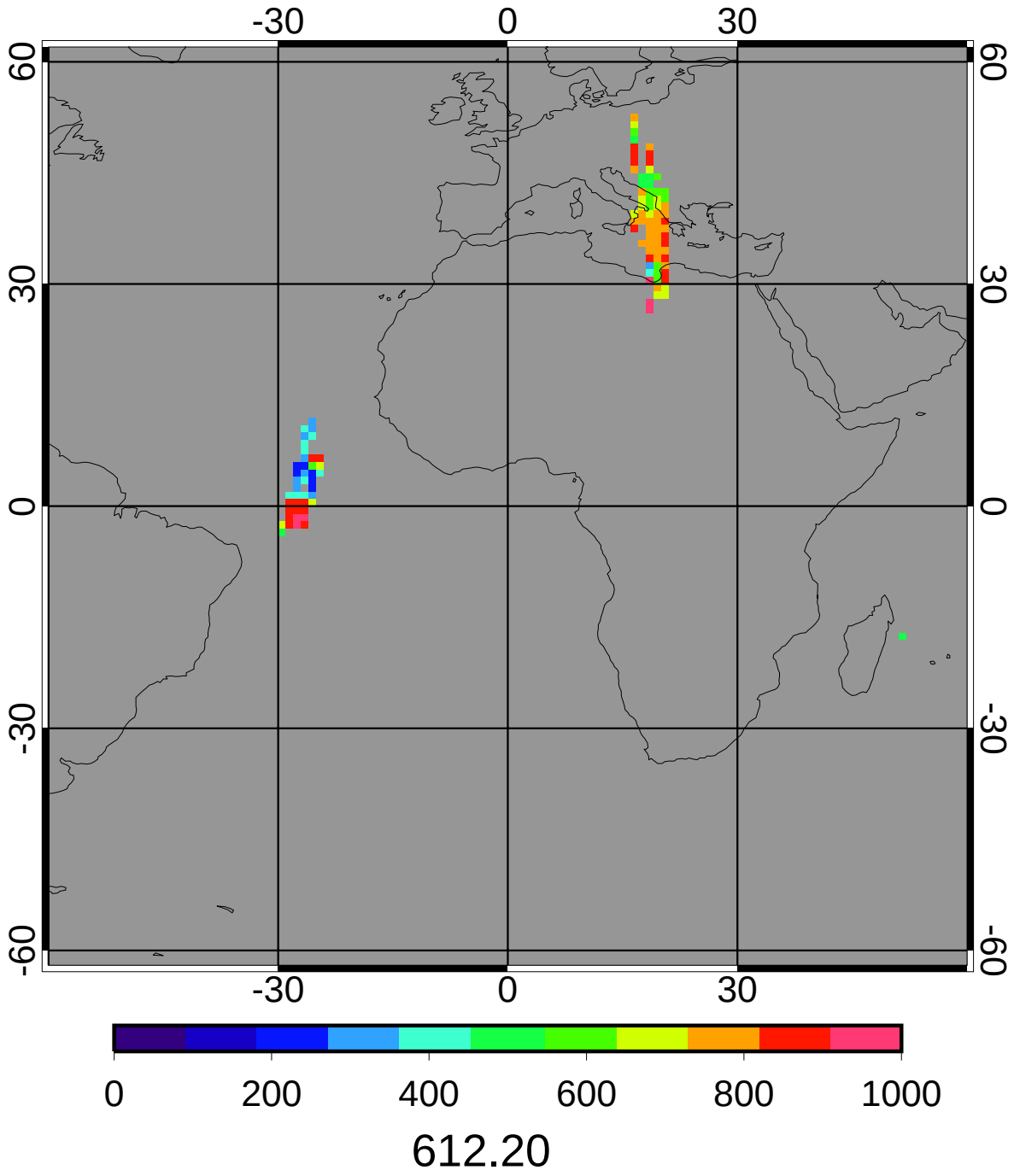
5ch_39cal Oct 2010 (matched angle)



regave rms	4.79	1.85%
domain rms	8.24	3.18%

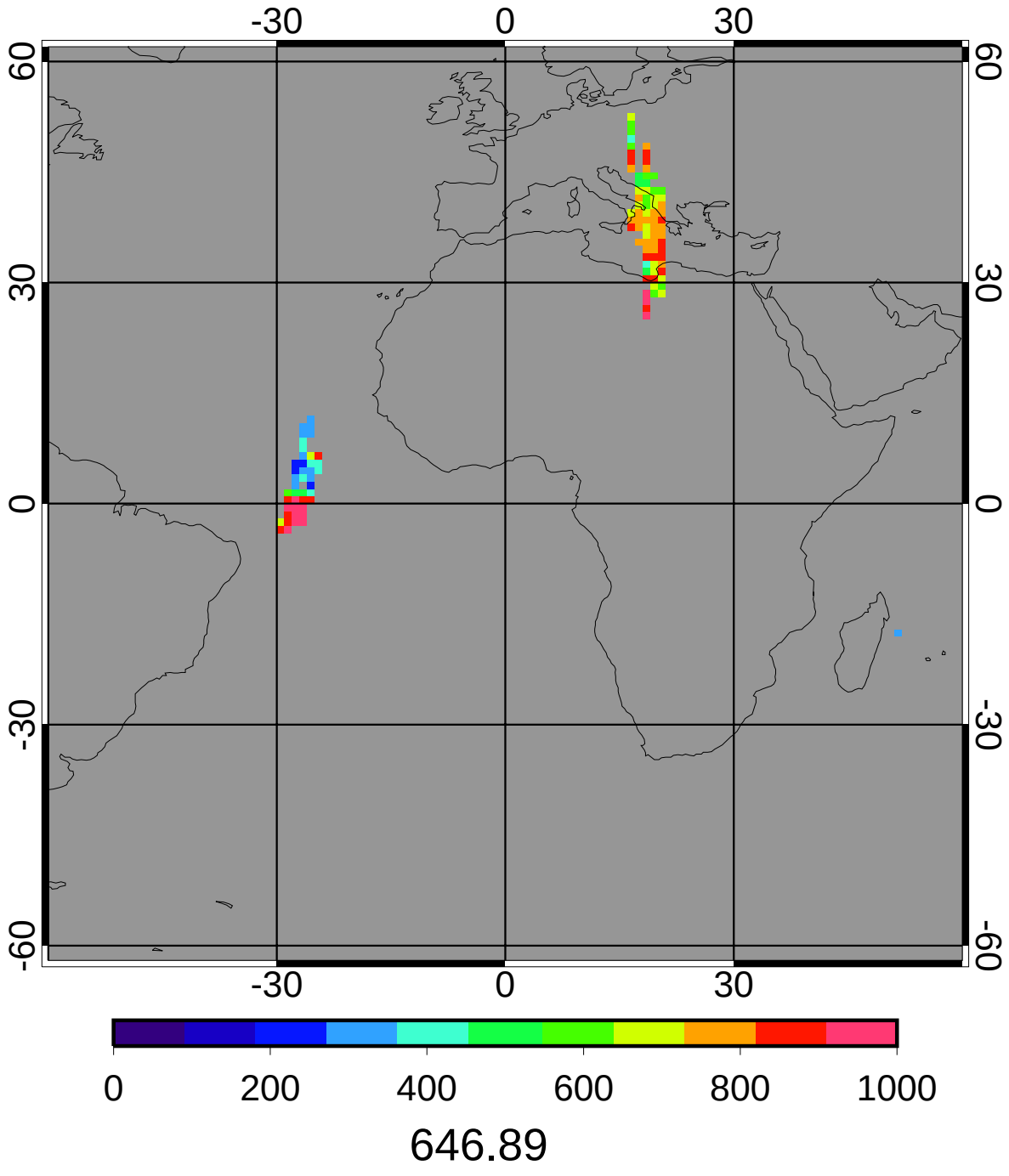
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



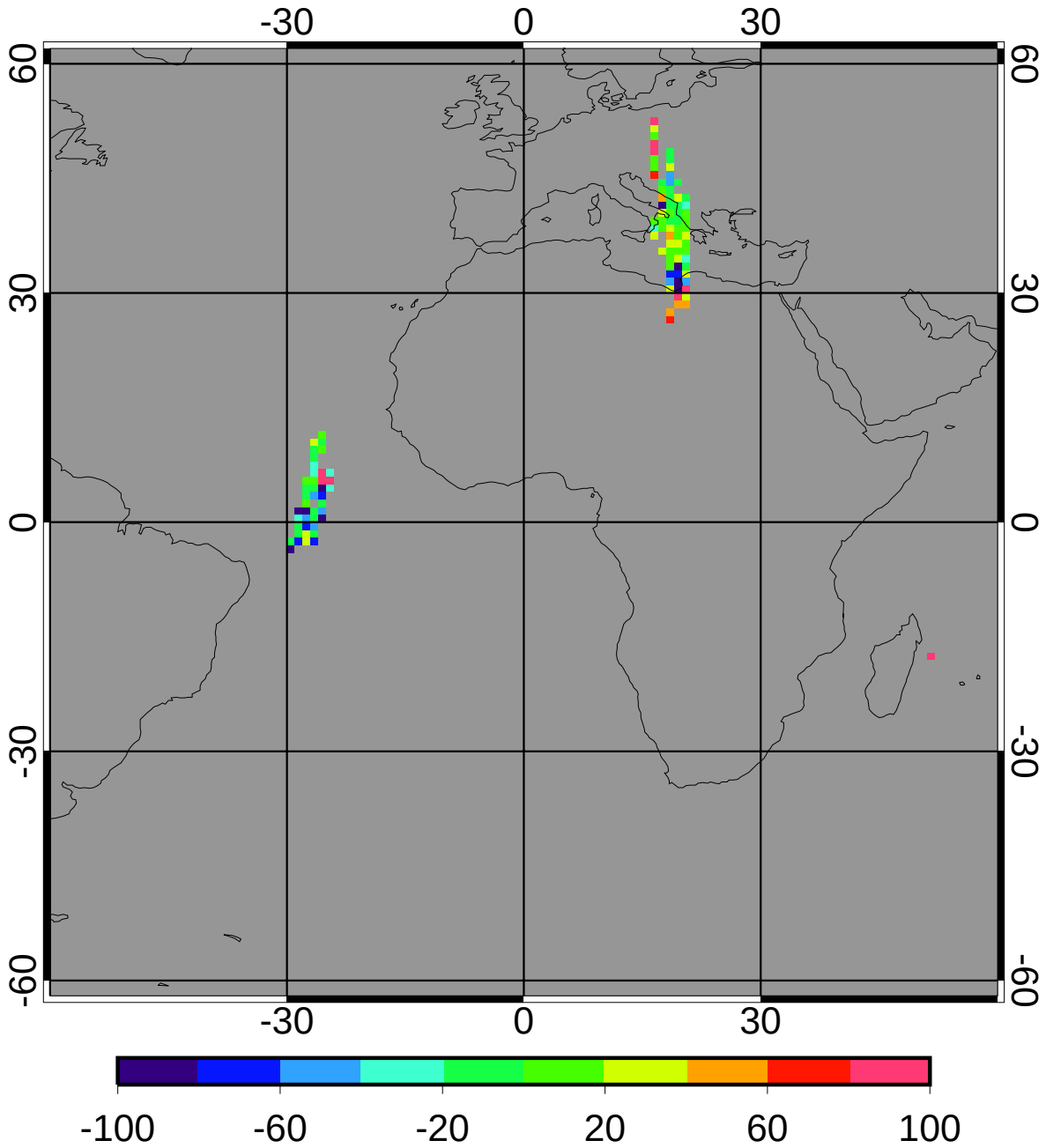
CERES MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Cloud Eff Pressure (mb) Bias

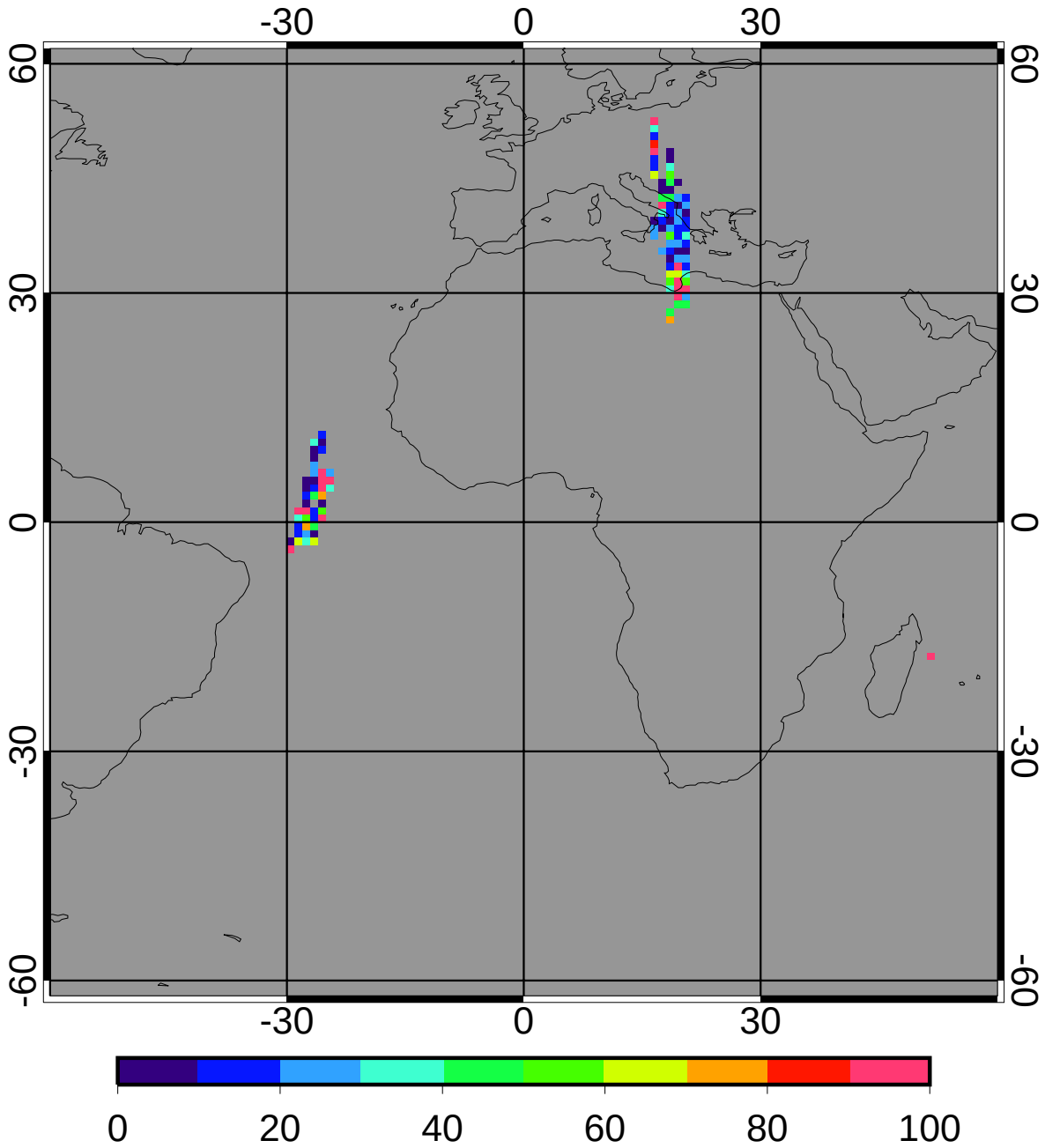
5ch_39cal Oct 2010 (matched angle)



bias	-3.41	-0.53%
domain sigma	78.53	12.14%

GGEO - CERES Daytime Cloud Eff Pressure (mb) RMS

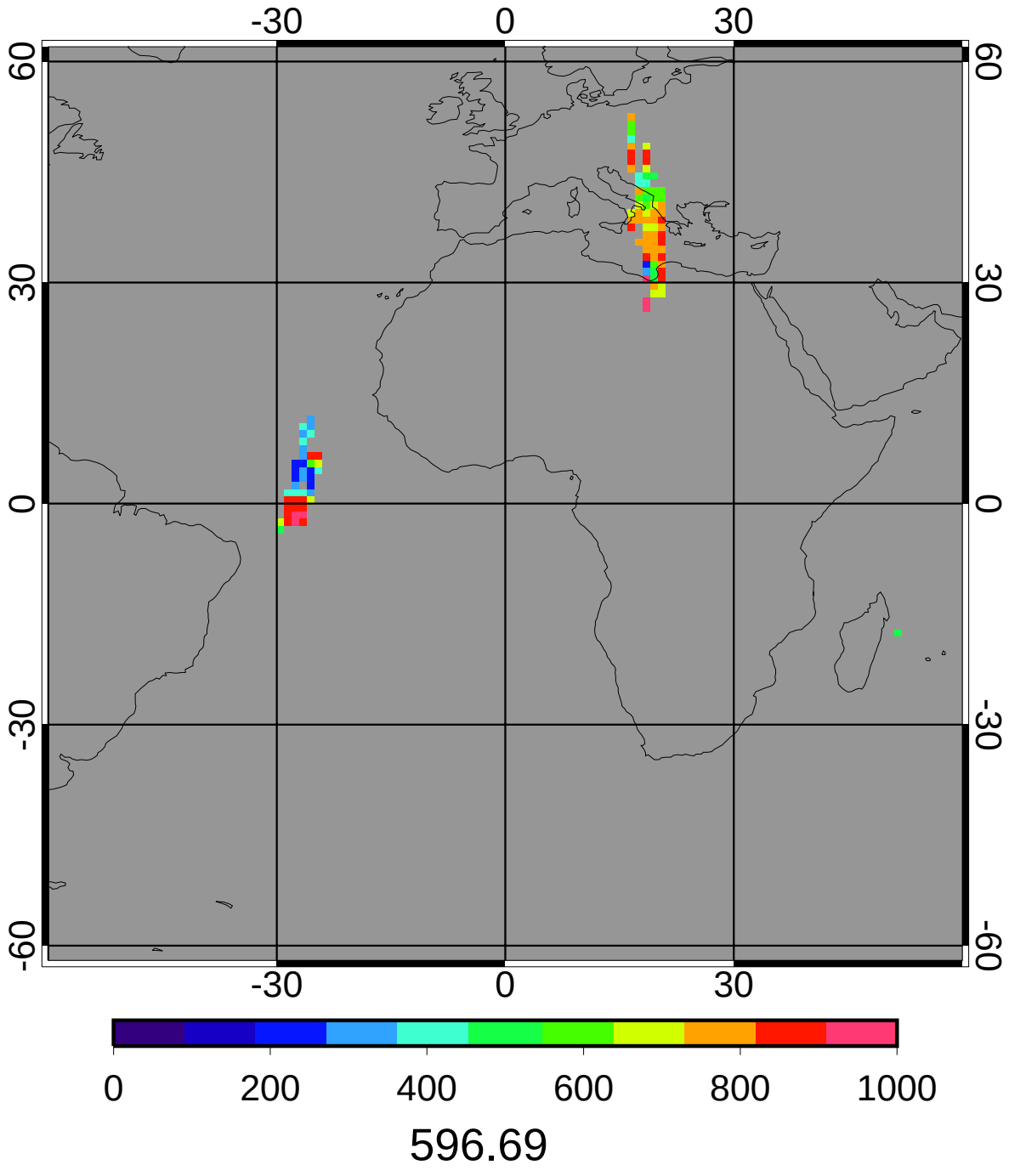
5ch_39cal Oct 2010 (matched angle)



regave rms	49.48	7.65%
domain rms	88.02	13.61%

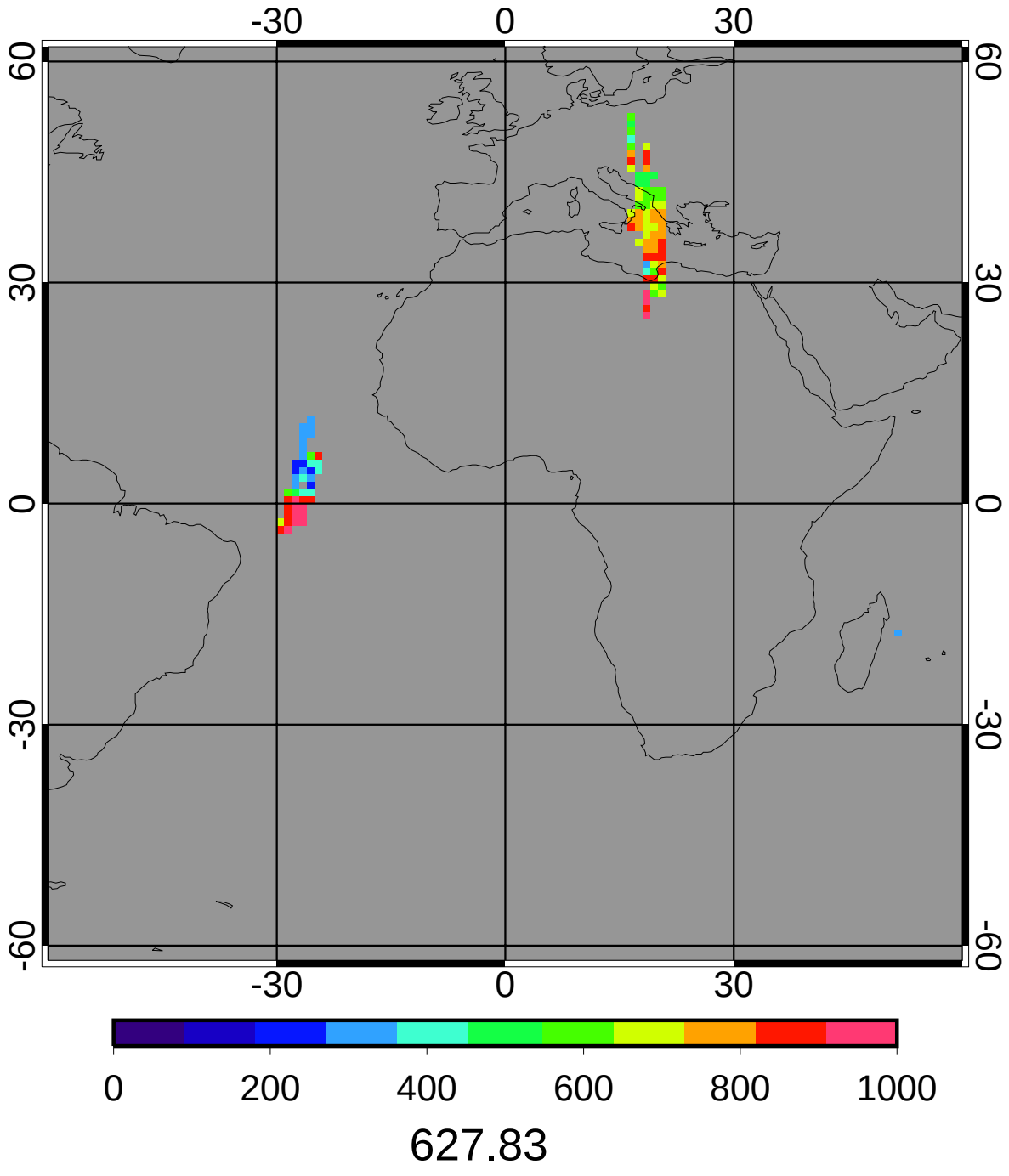
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



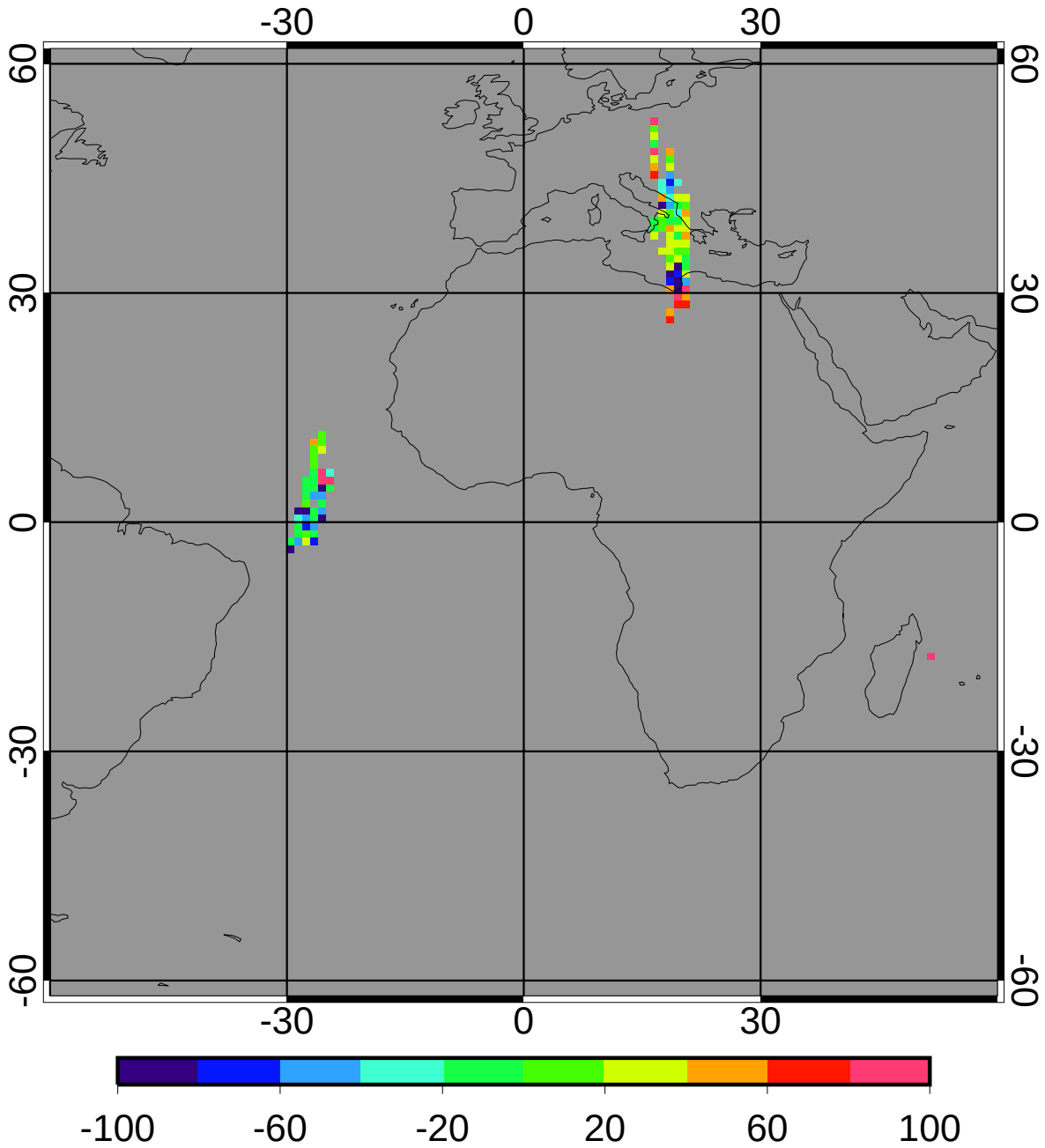
CERES MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Cloud Top Pressure (mb) Bias

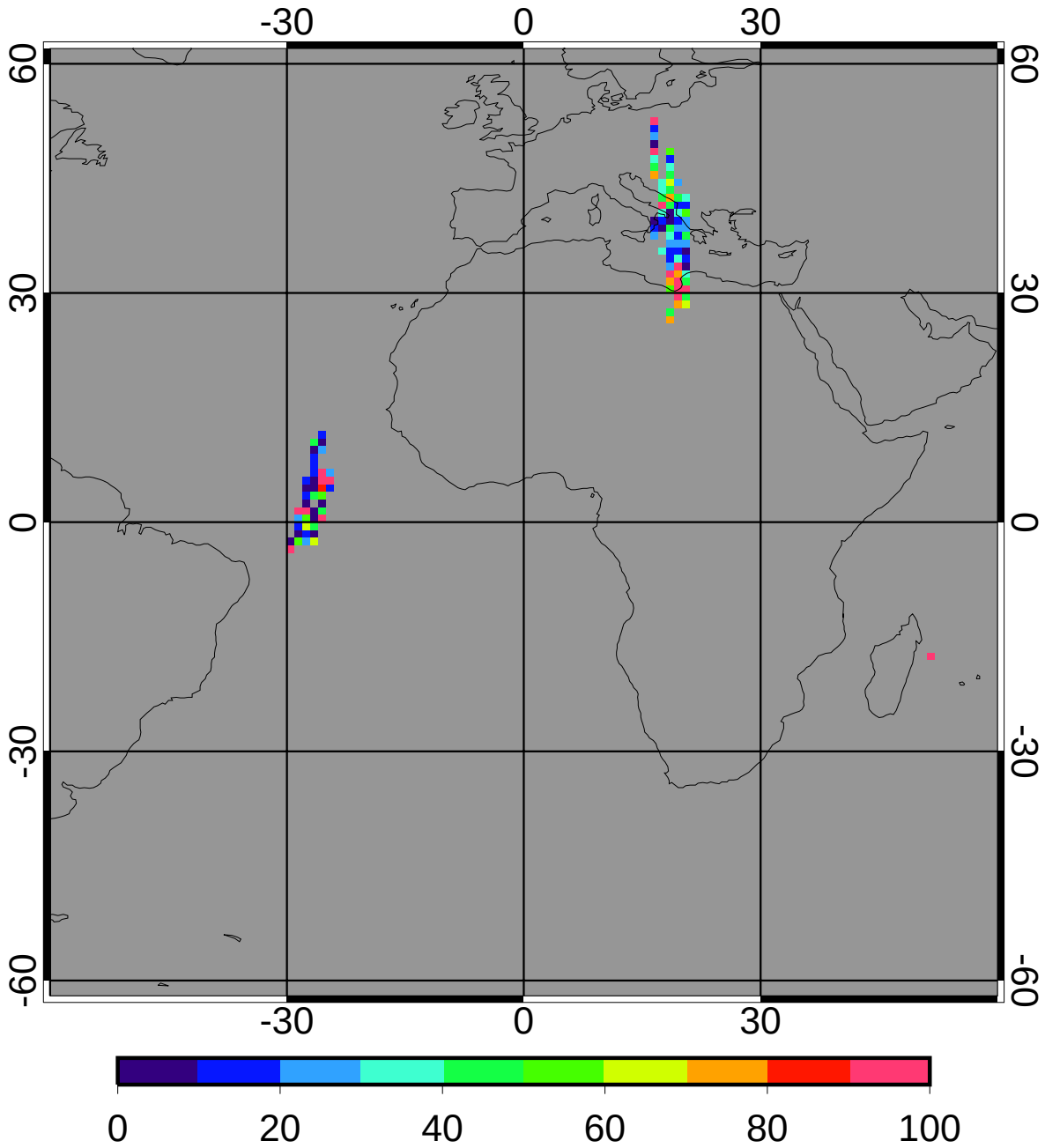
5ch_39cal Oct 2010 (matched angle)



bias	-0.13	-0.02%
domain sigma	80.35	12.80%

GGEO - CERES Daytime Cloud Top Pressure (mb) RMS

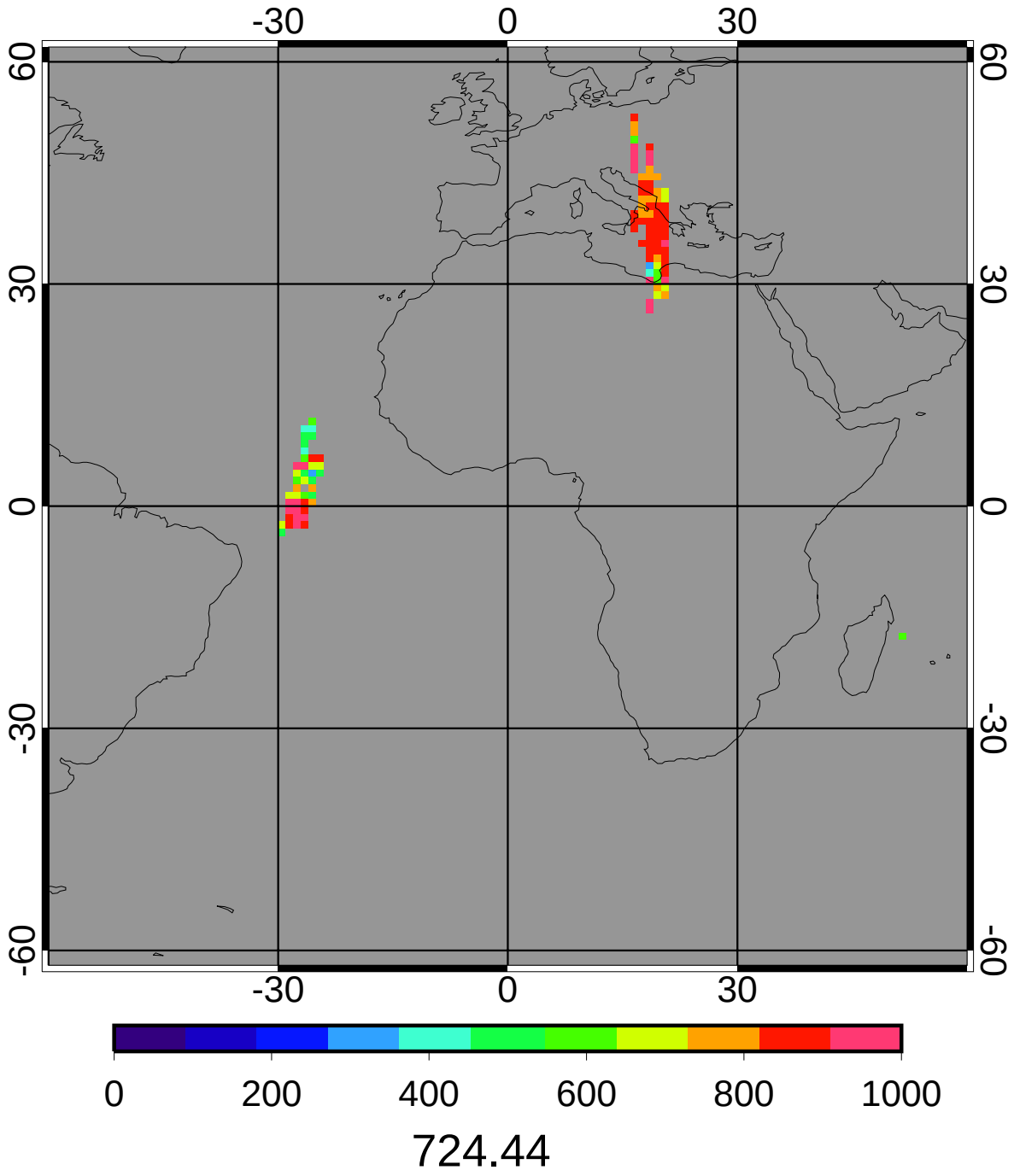
5ch_39cal Oct 2010 (matched angle)



regave rms	53.01	8.44%
domain rms	91.45	14.57%

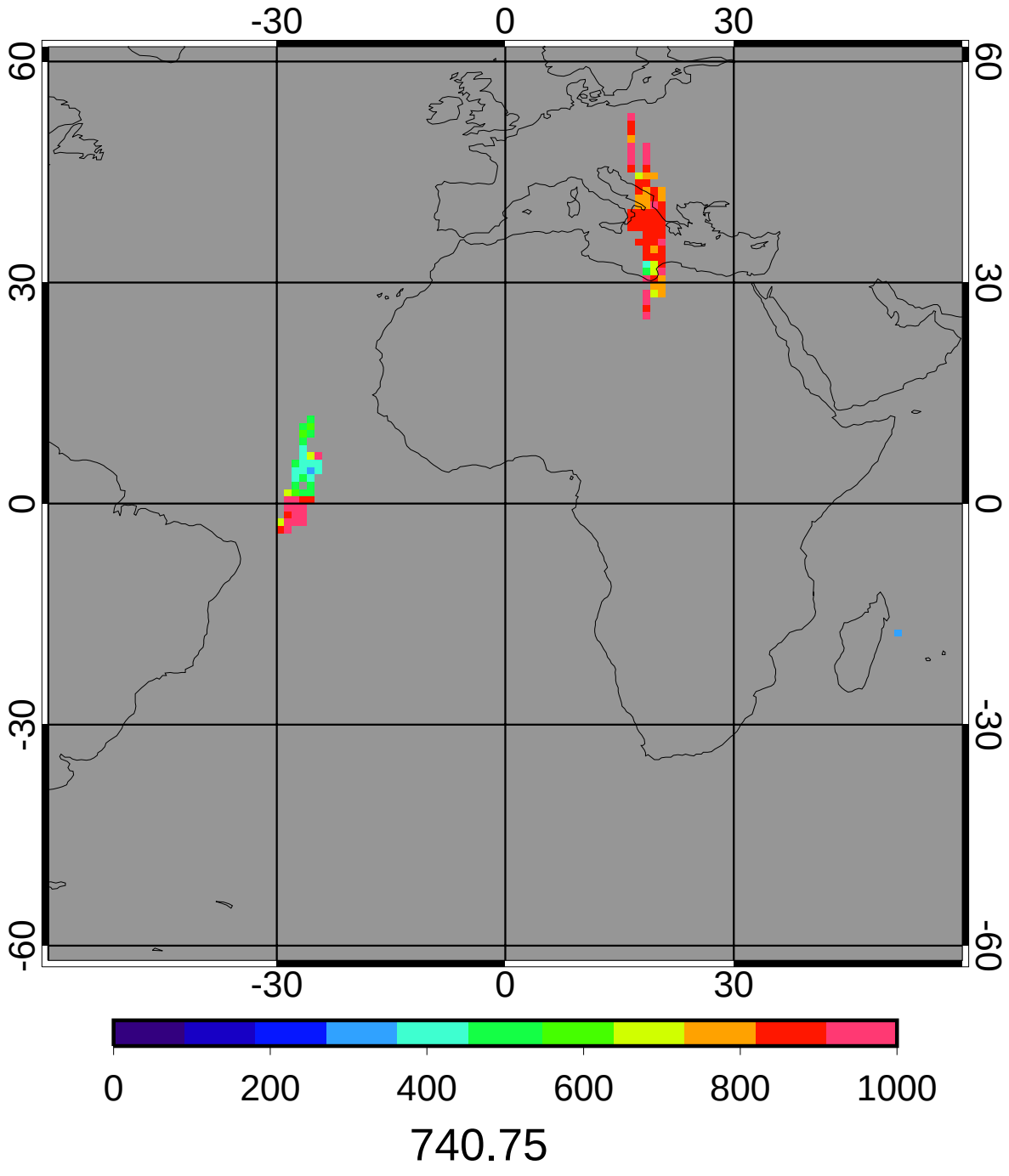
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



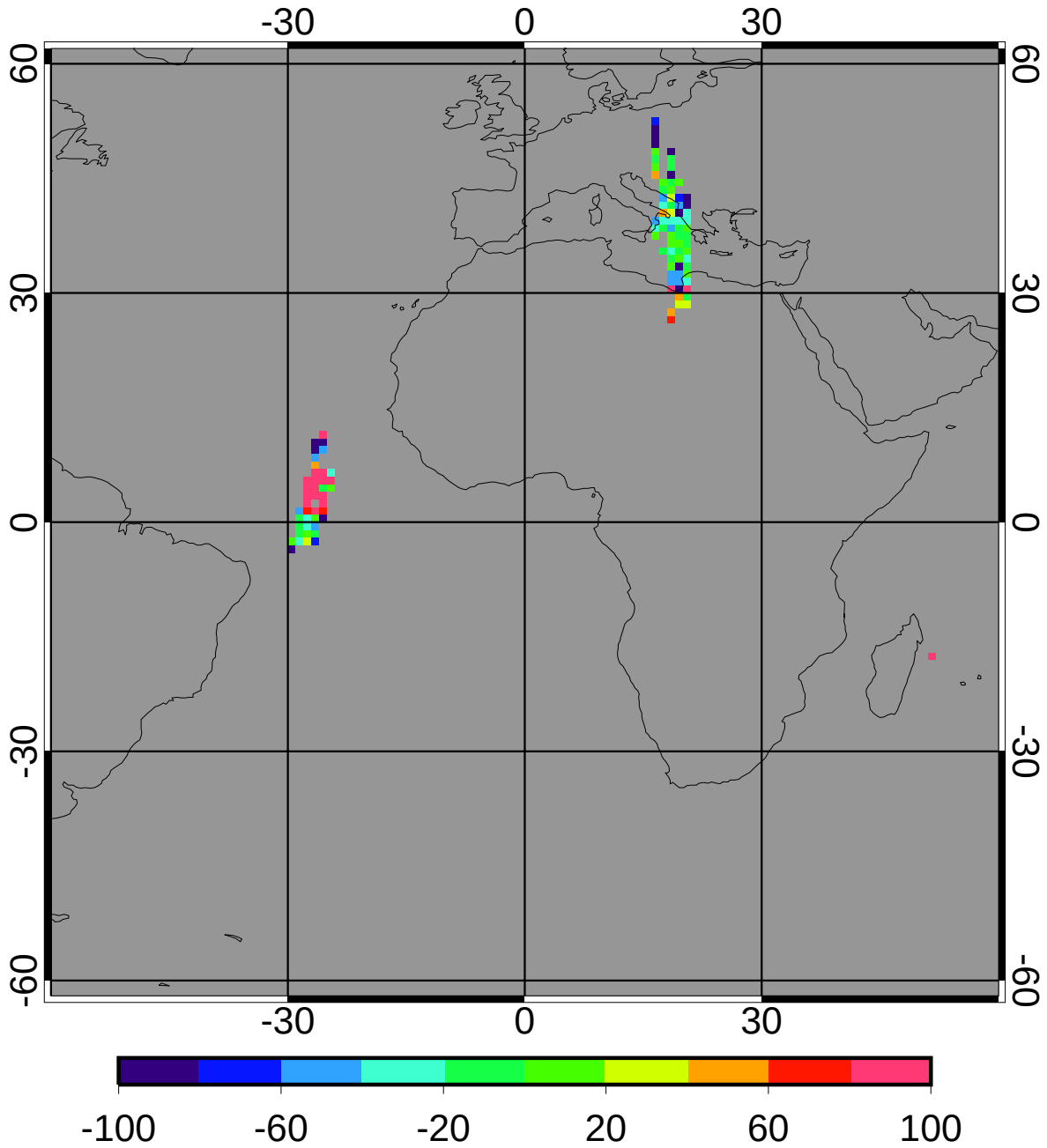
CERES MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Cloud Base Pressure (mb) Bias

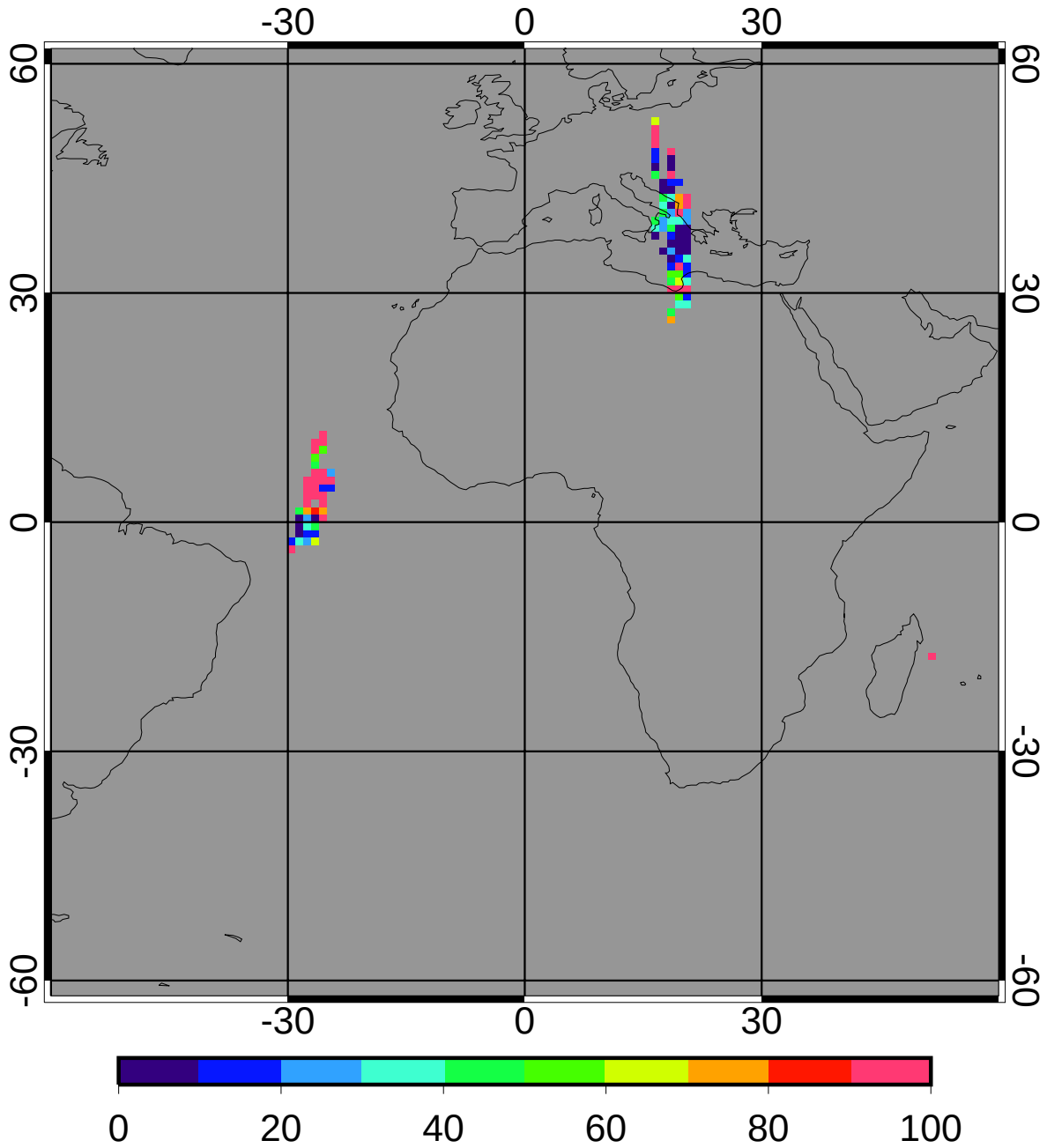
5ch_39cal Oct 2010 (matched angle)



bias	15.26	2.06%
domain sigma	117.35	15.84%

GGEO - CERES Daytime Cloud Base Pressure (mb) RMS

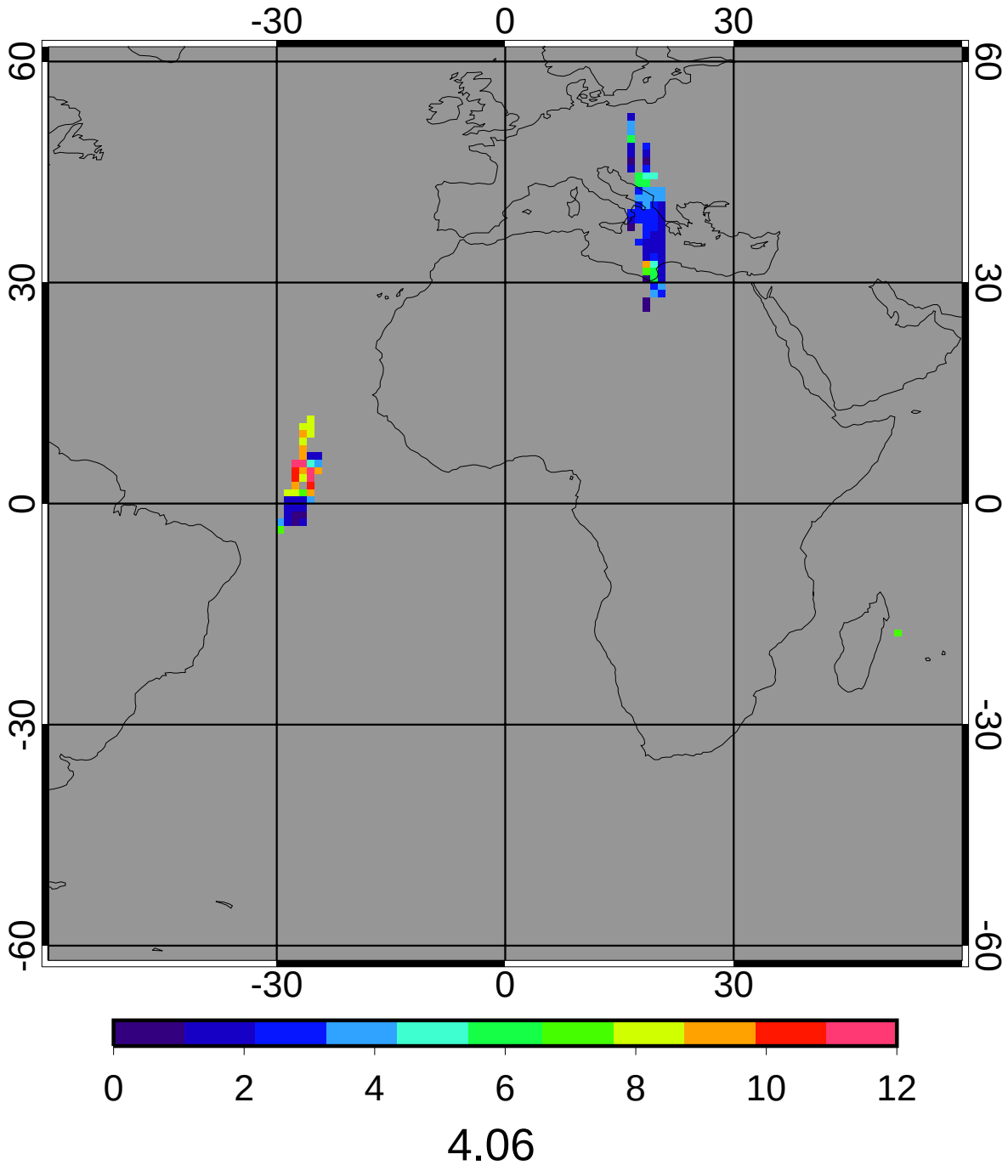
5ch_39cal Oct 2010 (matched angle)



regave rms	76.90	10.38%
domain rms	121.83	16.45%

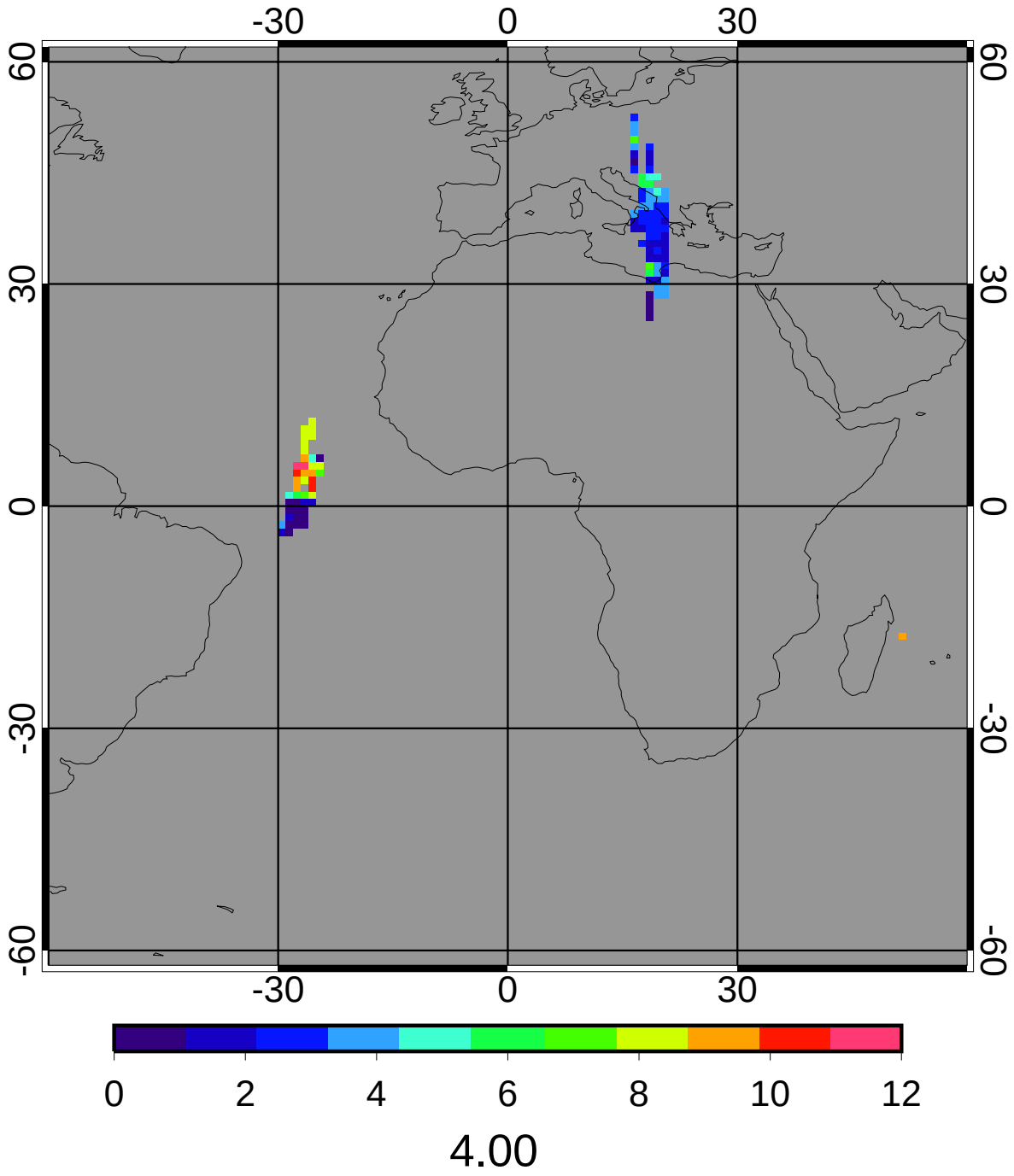
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_39cal Oct 2010 (matched angle)



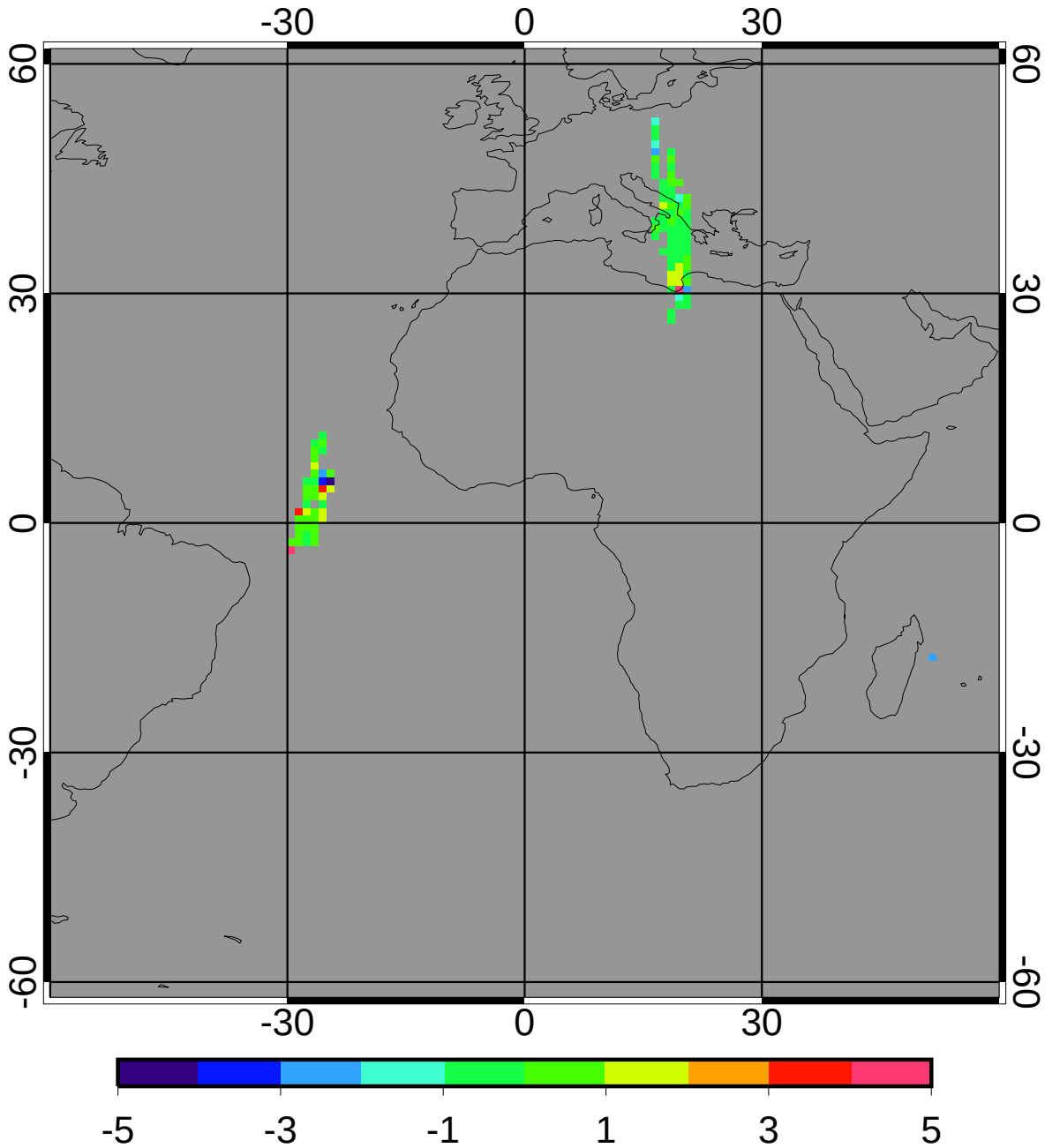
CERES MEAN Daytime Cloud Eff Height (km)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Cloud Eff Height (km) Bias

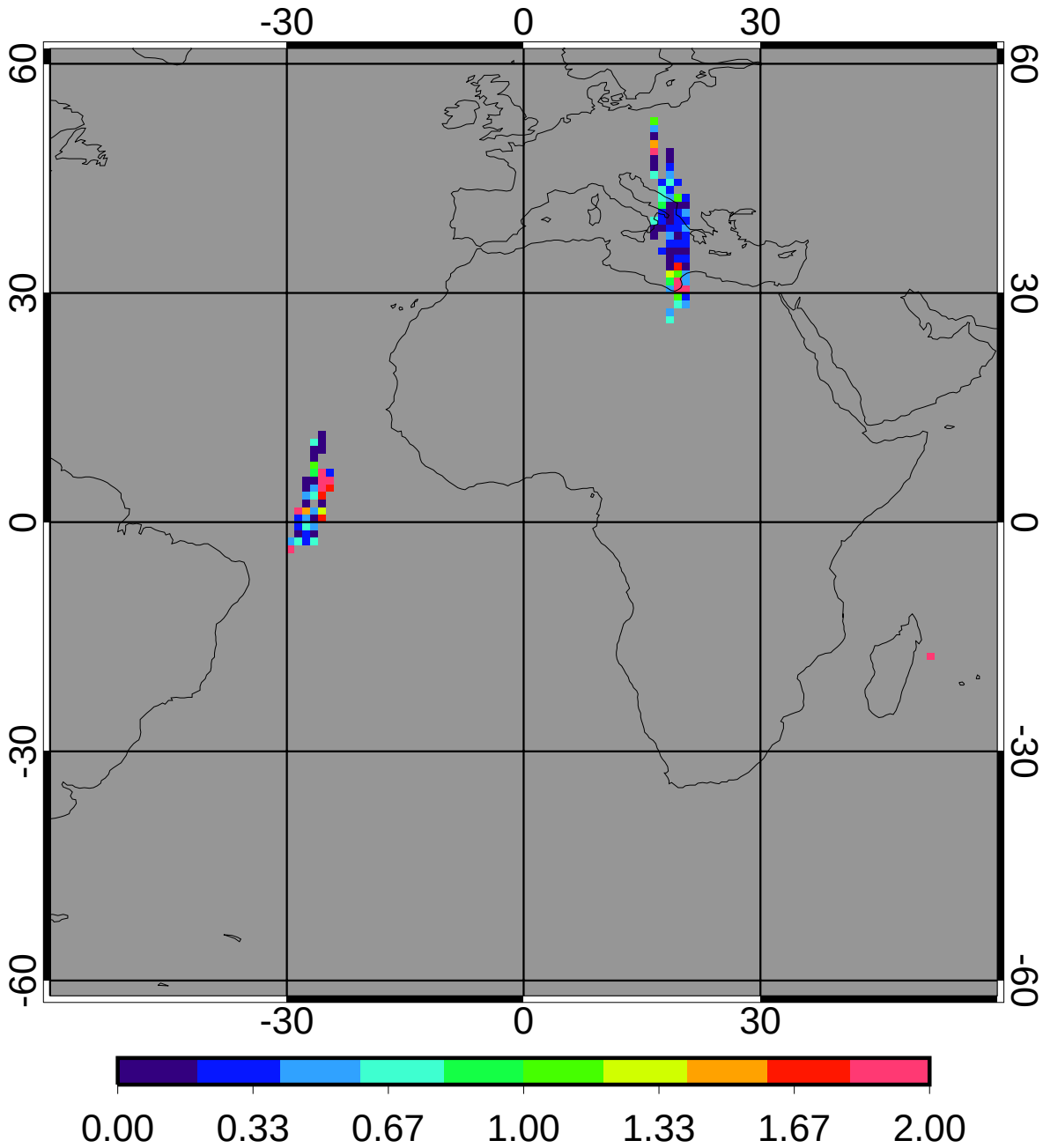
5ch_39cal Oct 2010 (matched angle)



bias	0.09	2.27%
domain sigma	1.16	28.92%

GGEO - CERES Daytime Cloud Eff Height (km) RMS

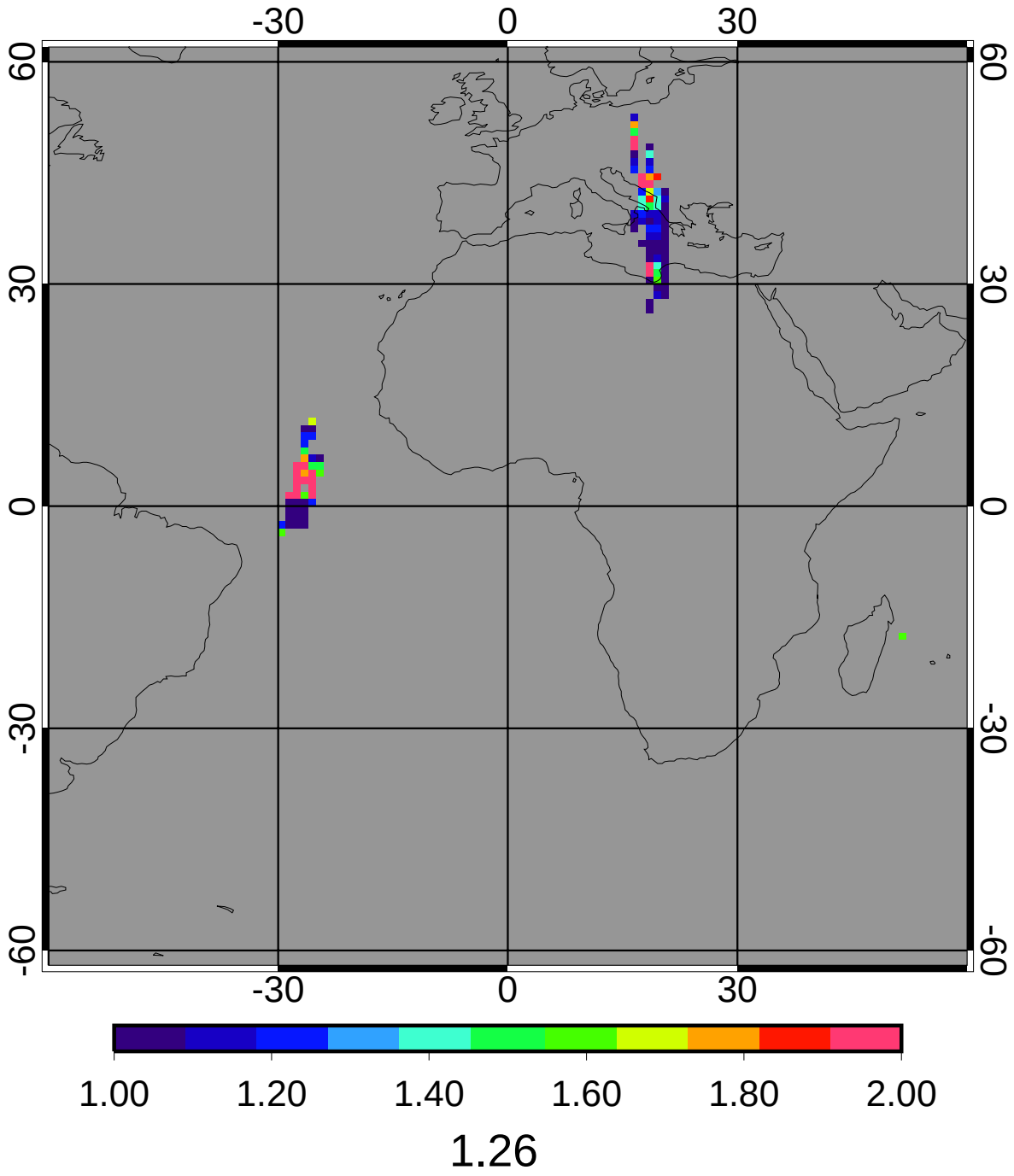
5ch_39cal Oct 2010 (matched angle)



regave rms	0.74	18.38%
domain rms	1.29	32.12%

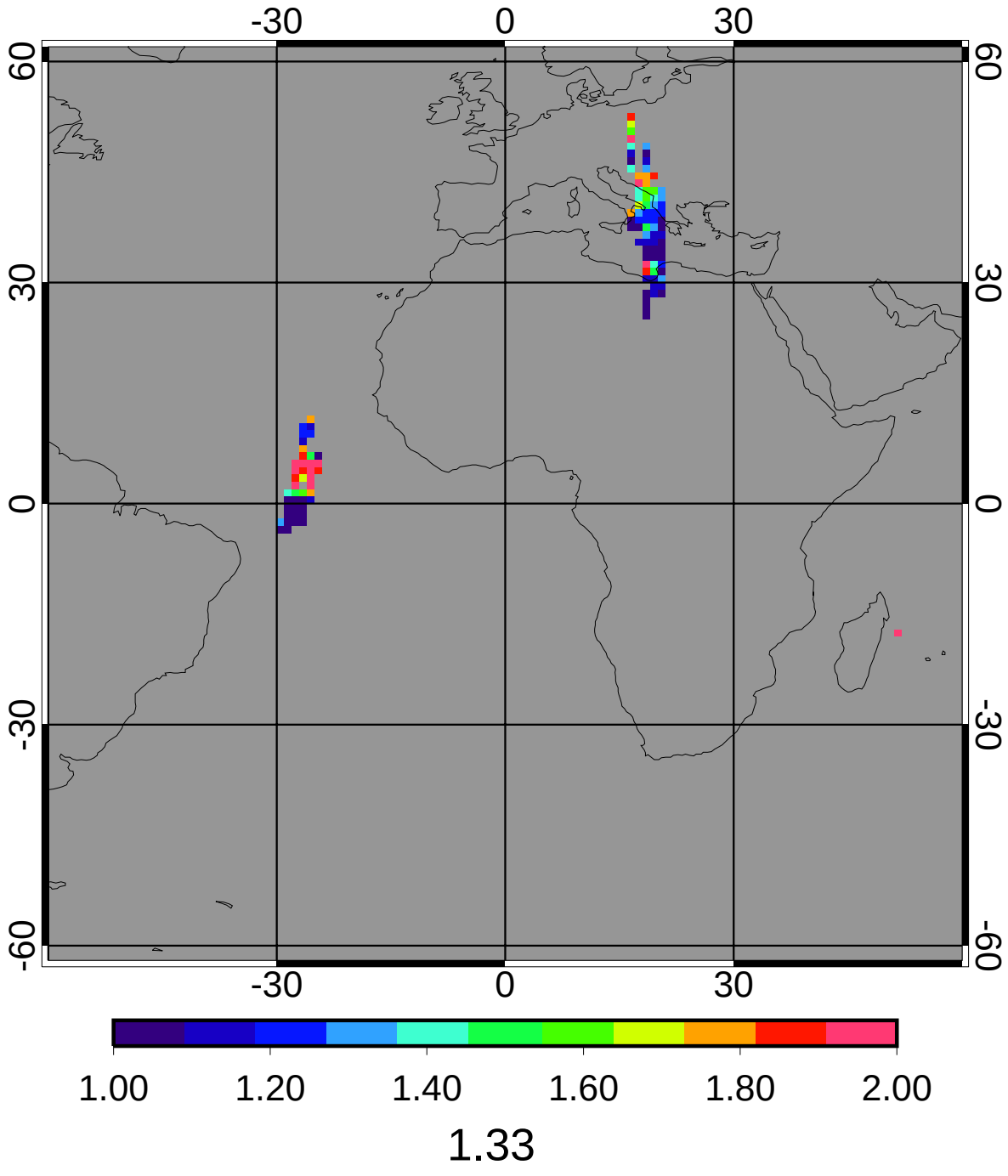
GGEO MEAN Daytime Cloud Phase

5ch_39cal Oct 2010 (matched angle)



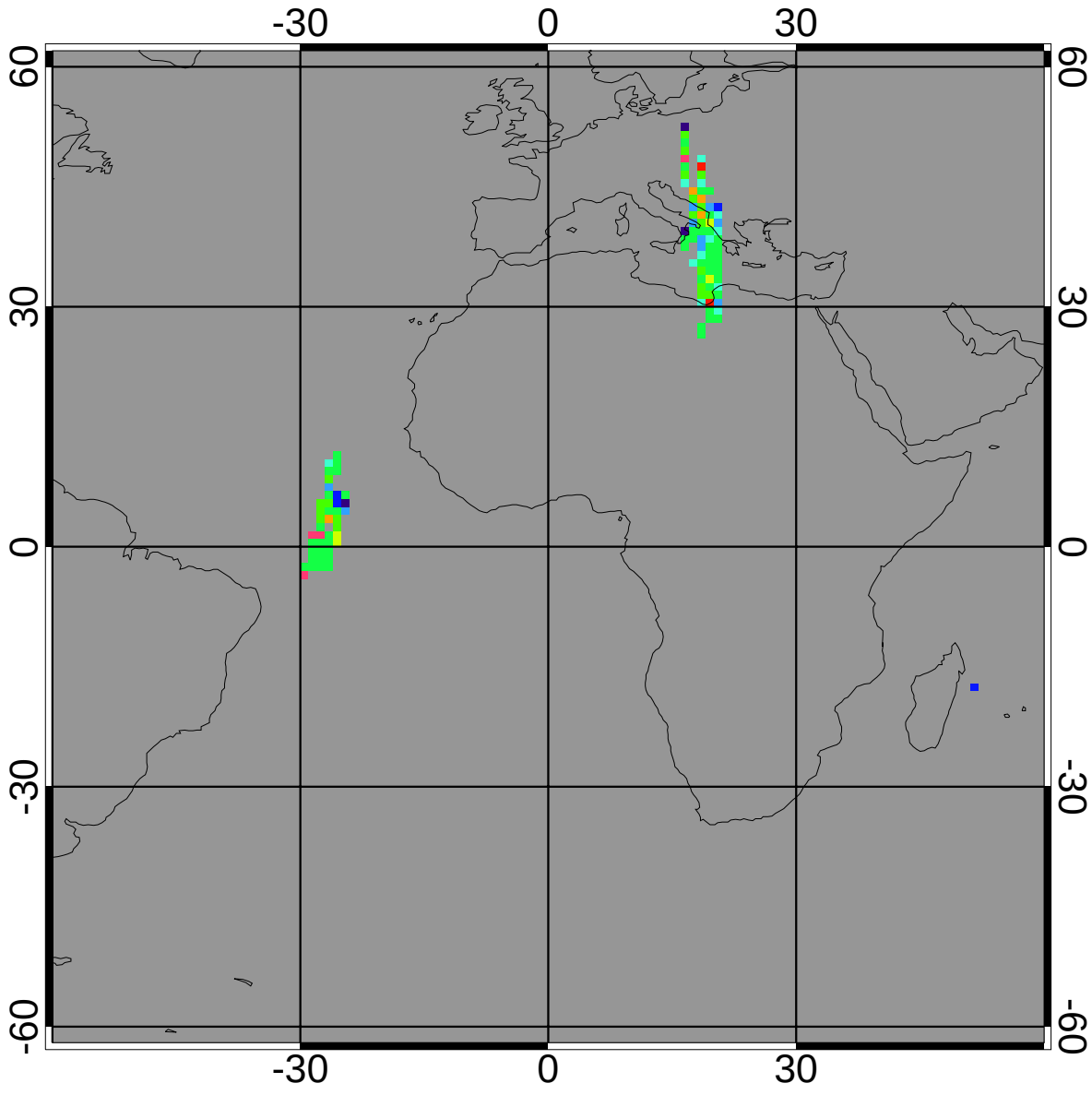
CERES MEAN Daytime Cloud Phase

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Cloud Phase Bias

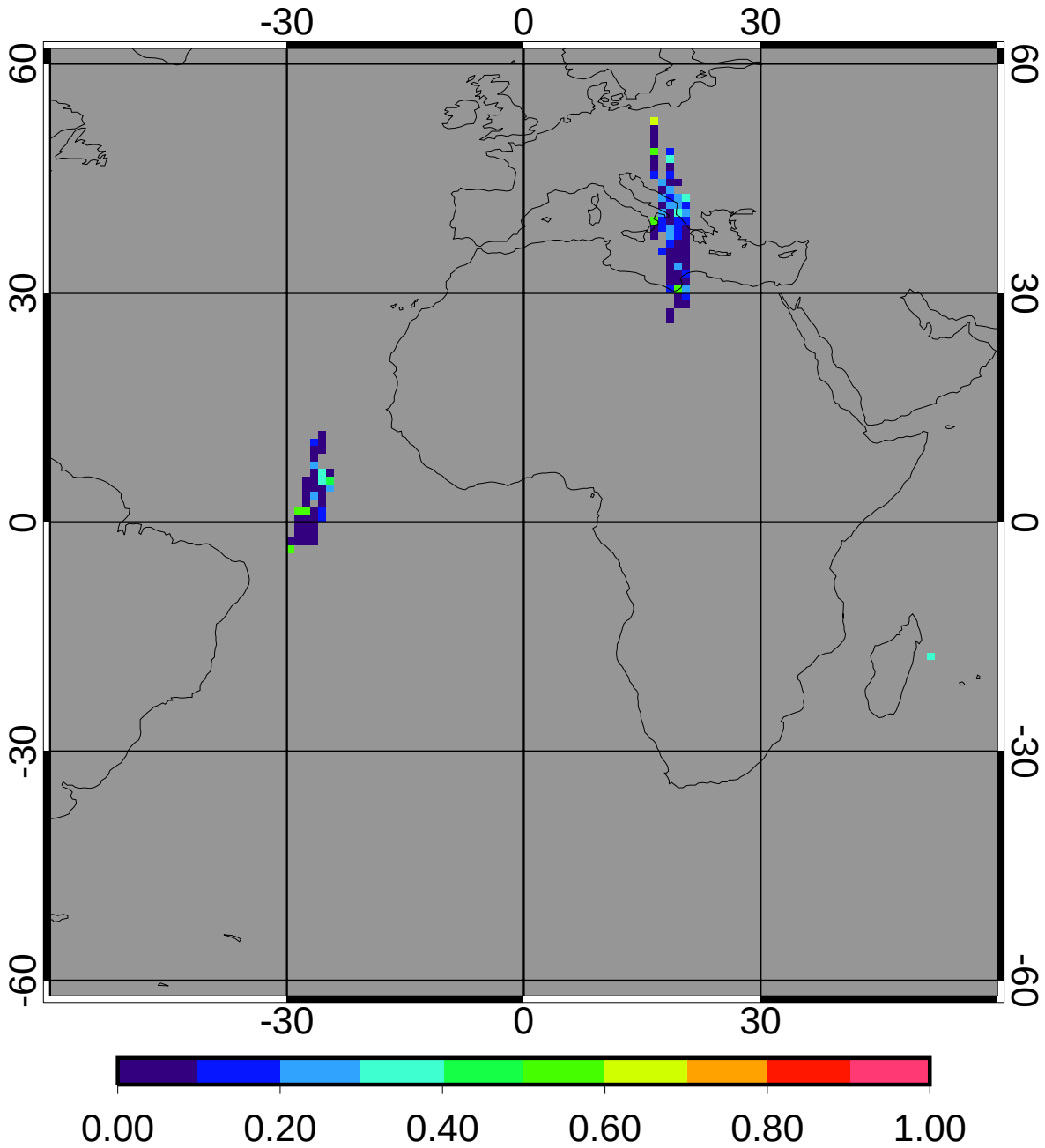
5ch_39cal Oct 2010 (matched angle)



bias	-0.03	-2.13%
domain sigma	0.16	12.11%

GGEO - CERES Daytime Cloud Phase RMS

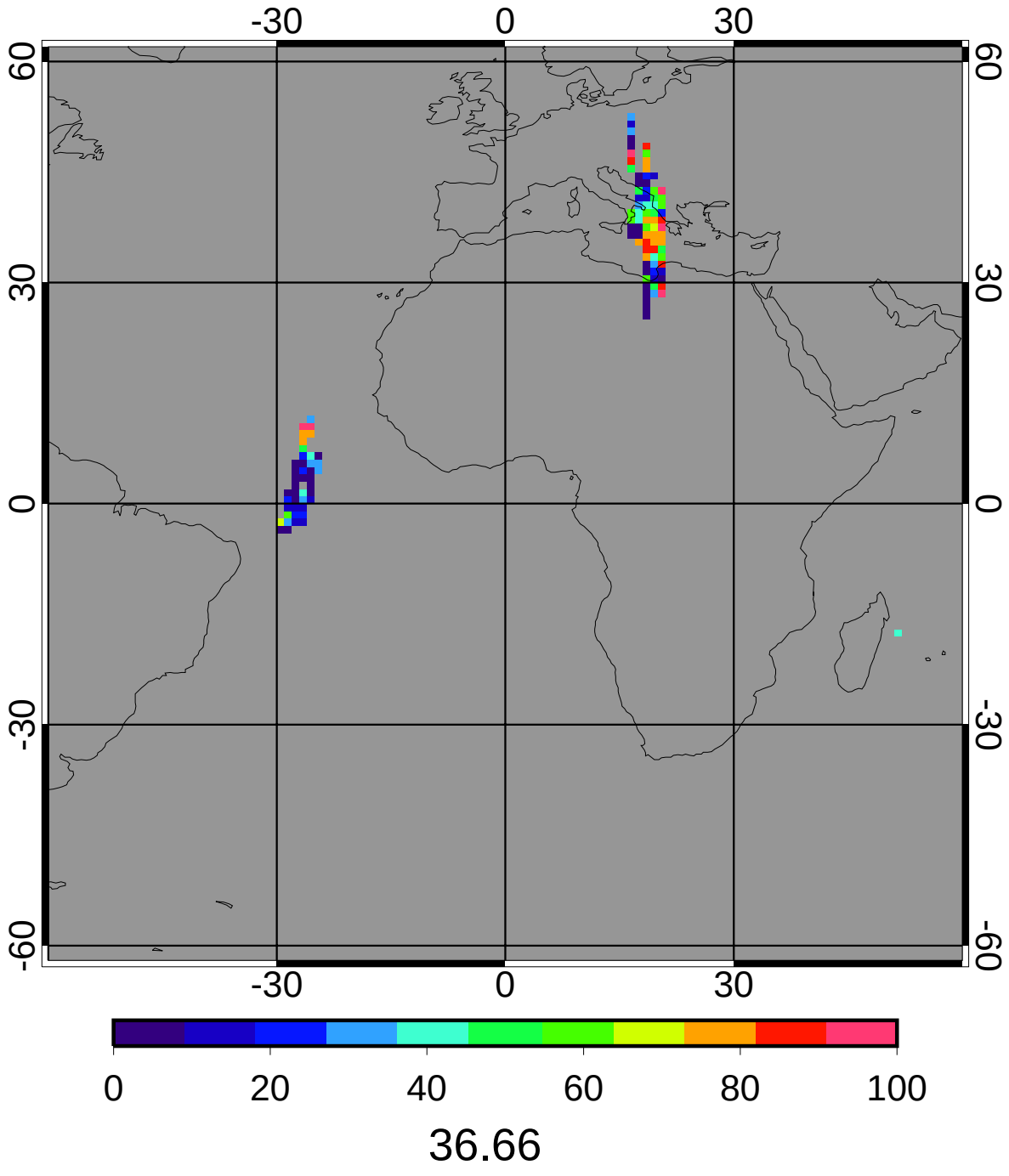
5ch_39cal Oct 2010 (matched angle)



regave rms	0.12	9.09%
domain rms	0.19	13.95%

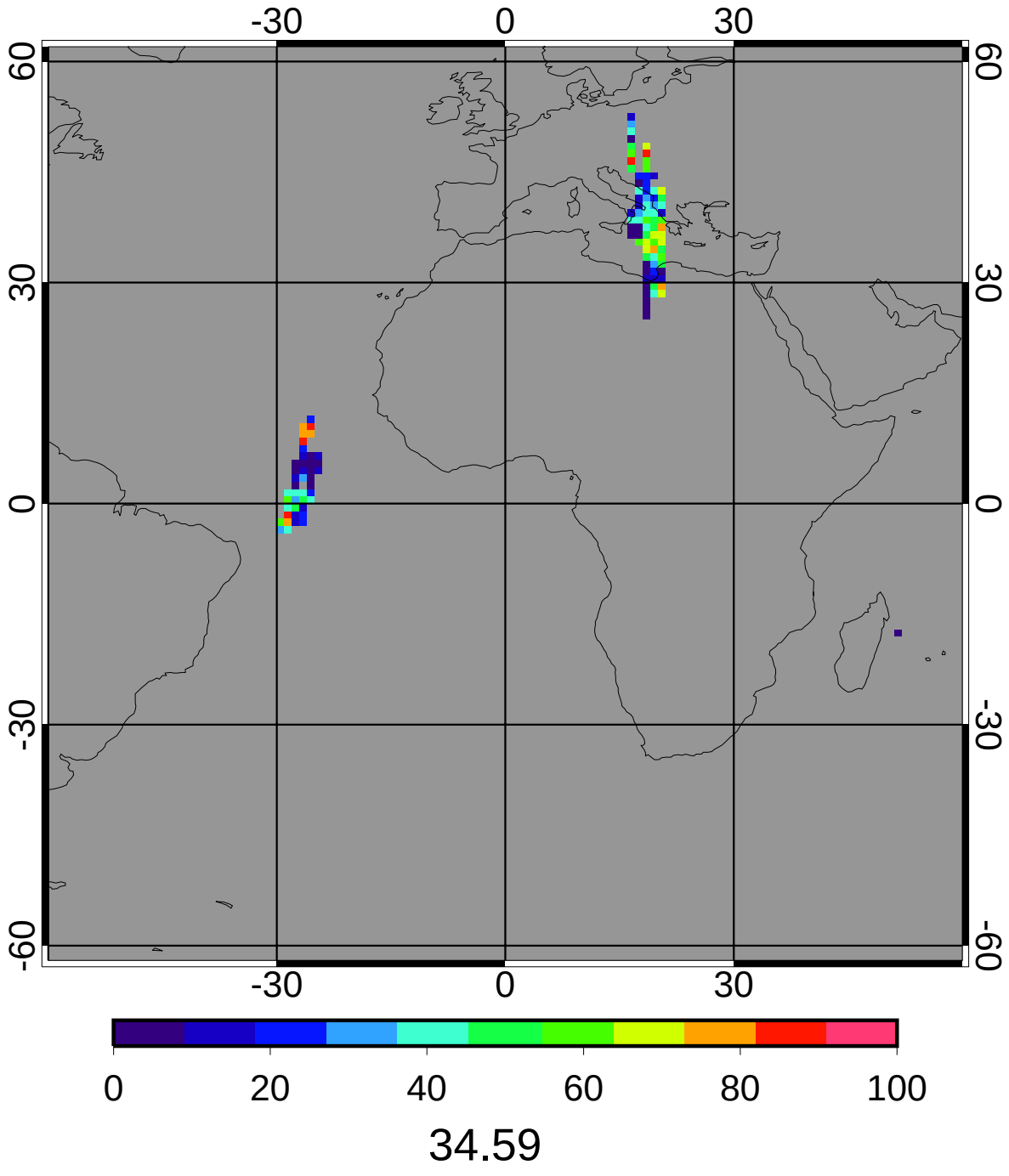
GGEO MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



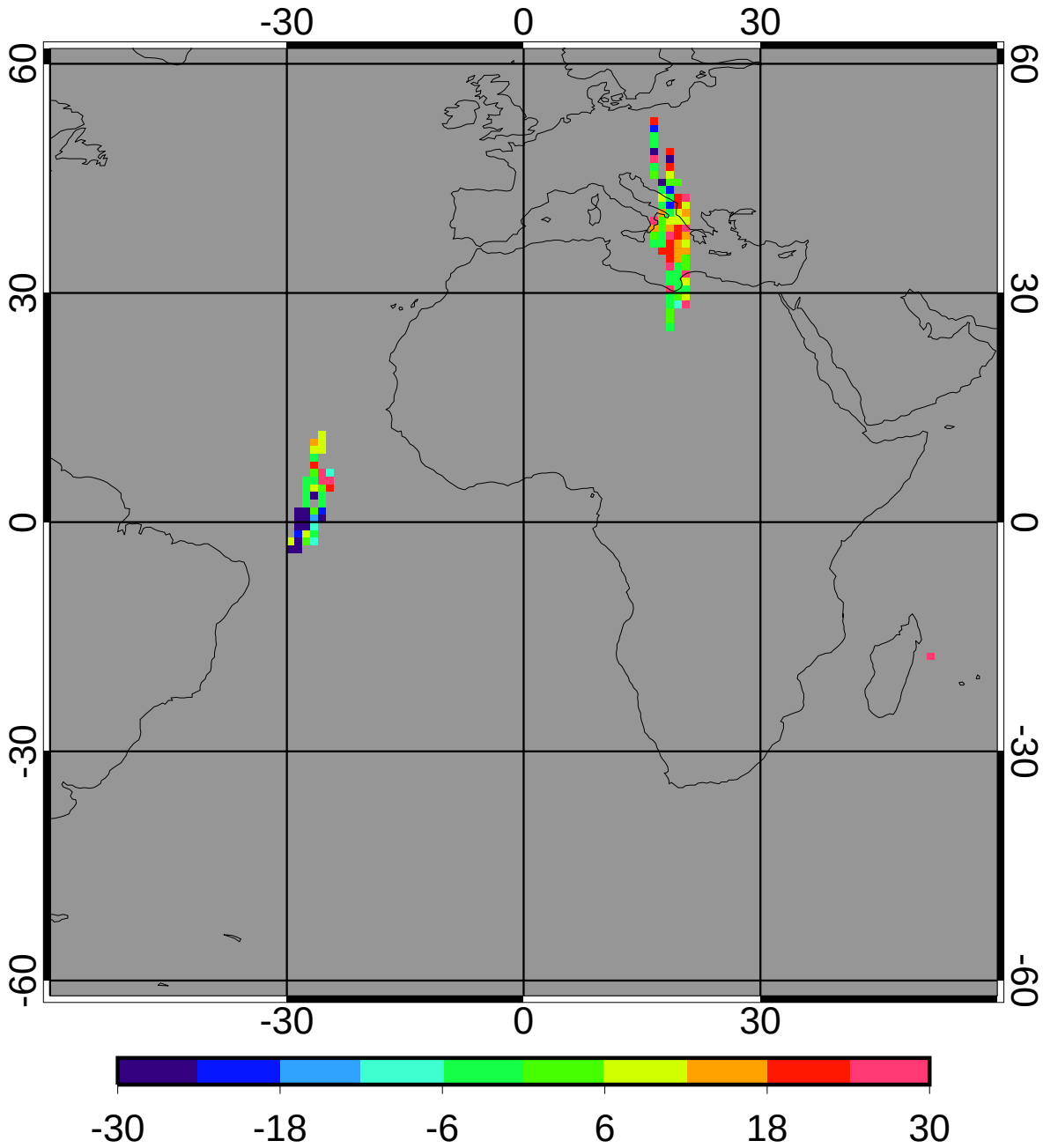
CERES MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Liquid Cld Amt (%) Bias

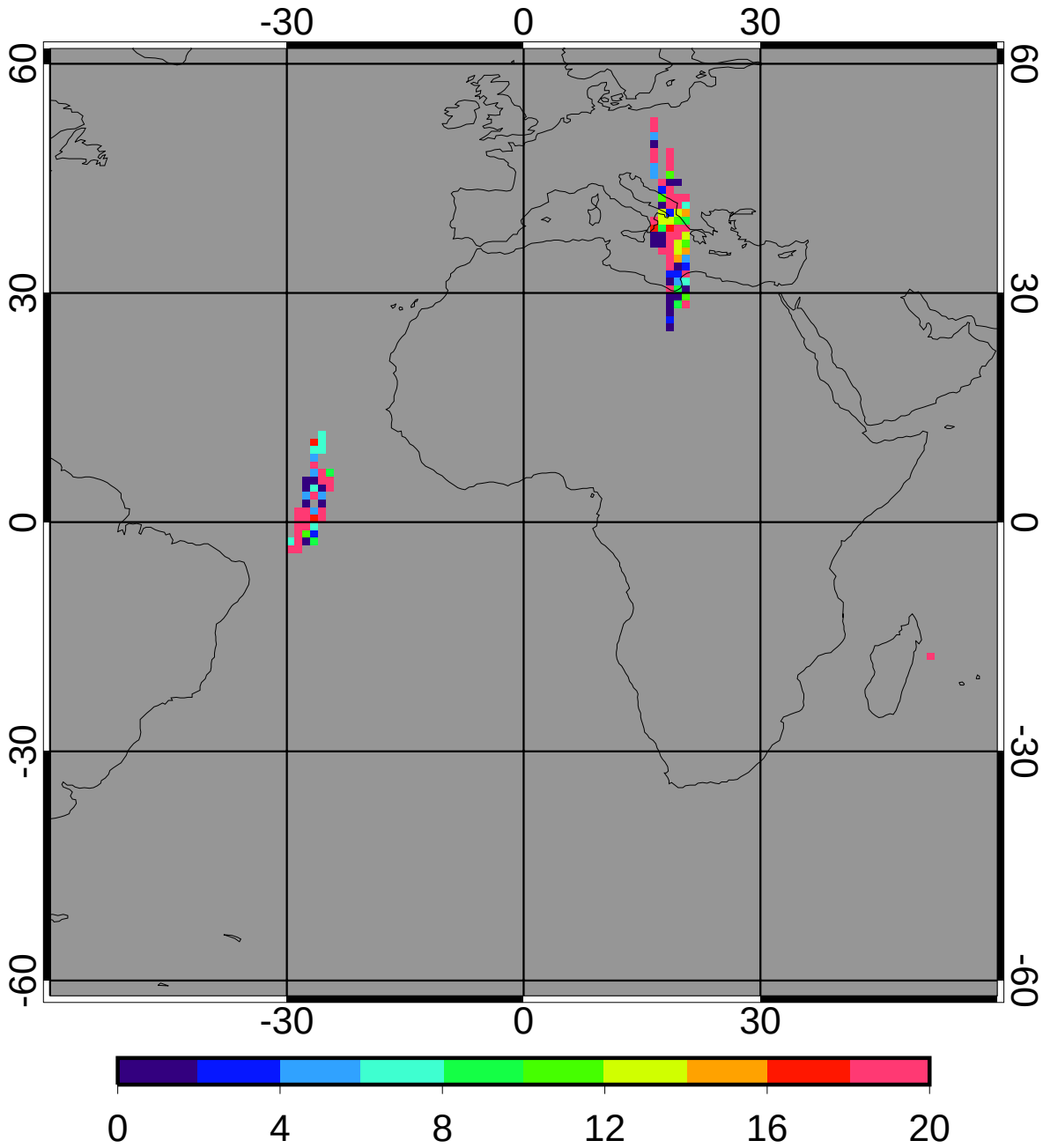
5ch_39cal Oct 2010 (matched angle)



bias	2.07	5.99%
domain sigma	16.65	48.12%

GGEO - CERES Daytime Liquid Cld Amt (%) RMS

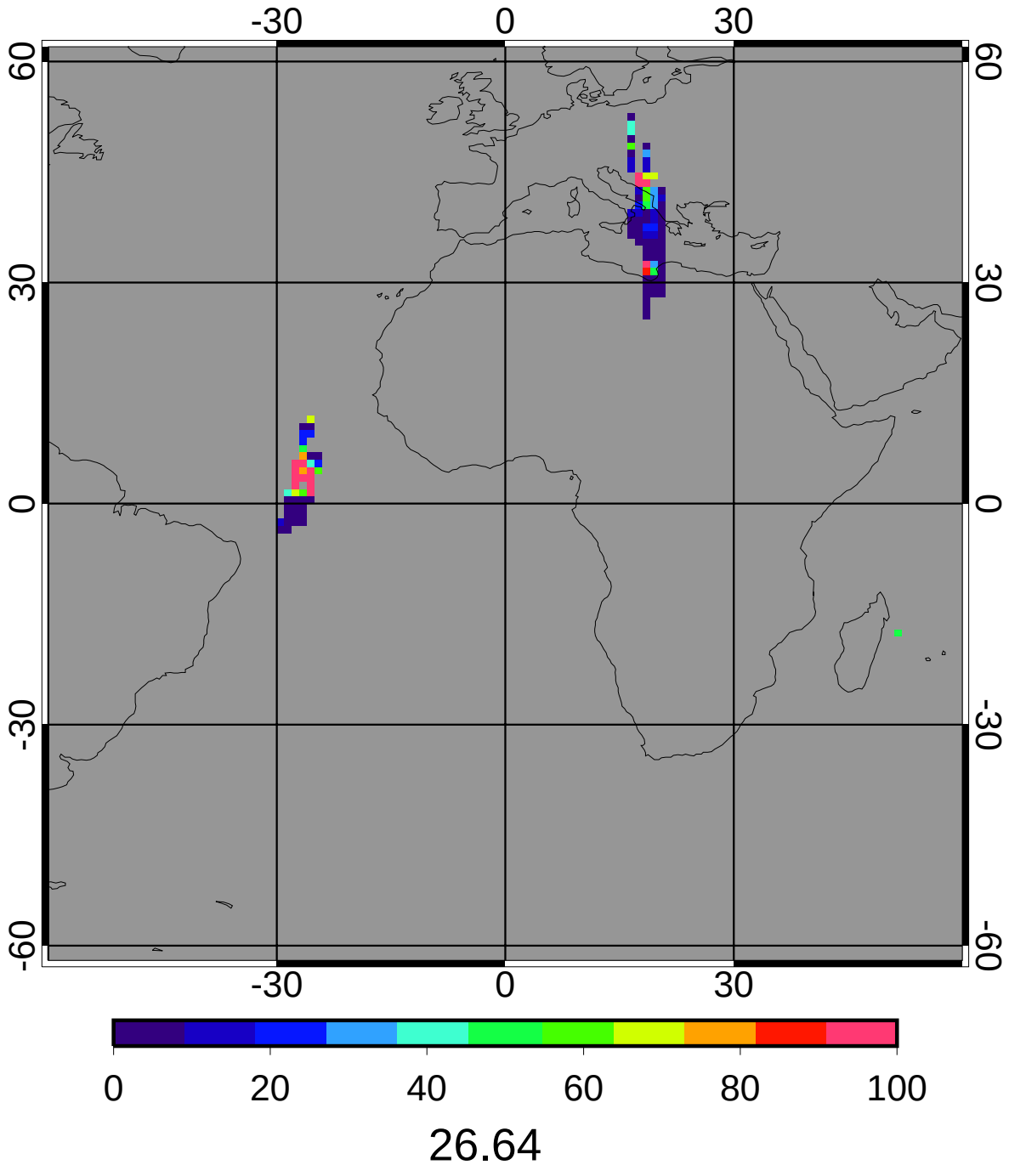
5ch_39cal Oct 2010 (matched angle)



regave rms	14.53	41.99%
domain rms	17.33	50.09%

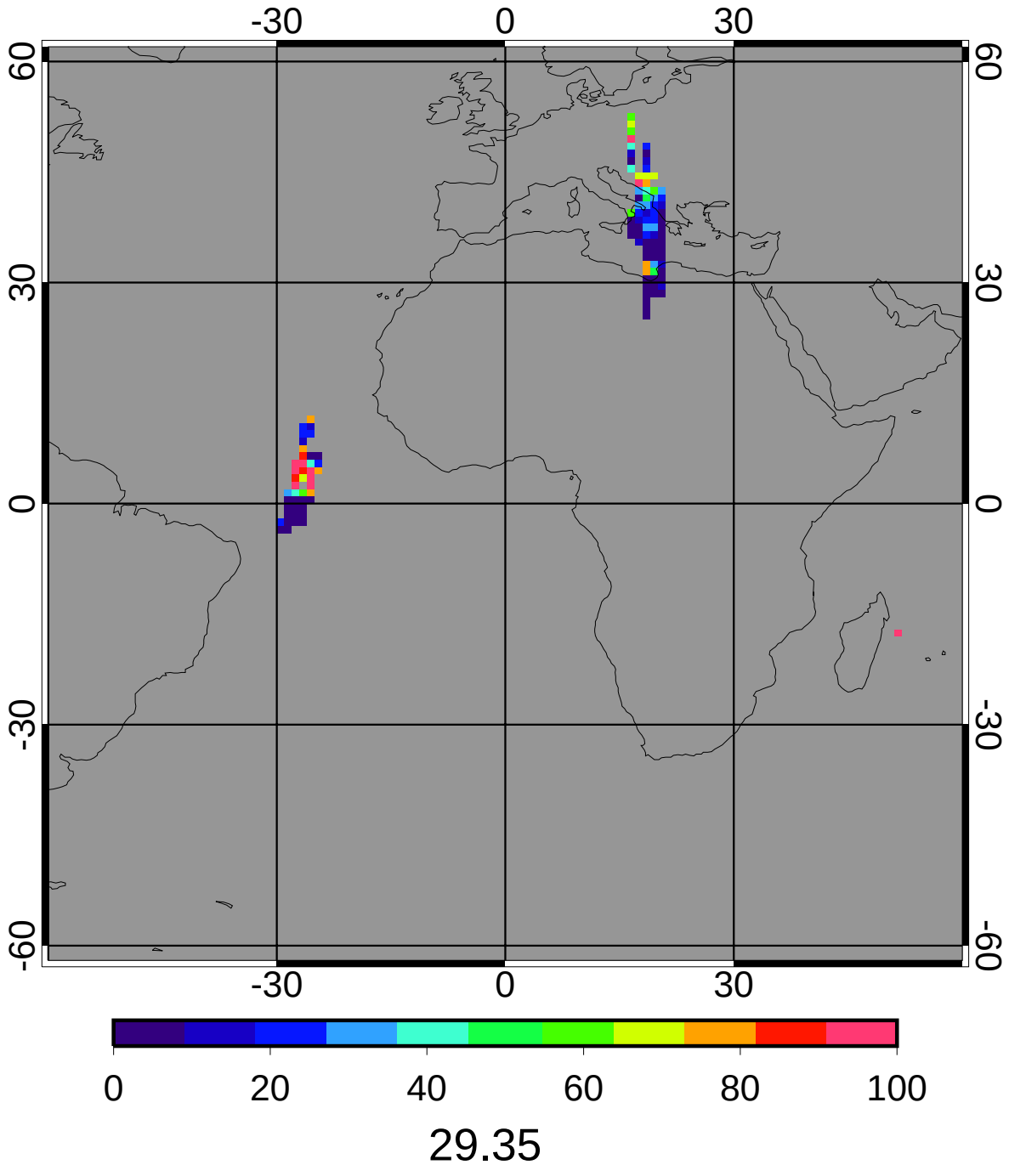
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



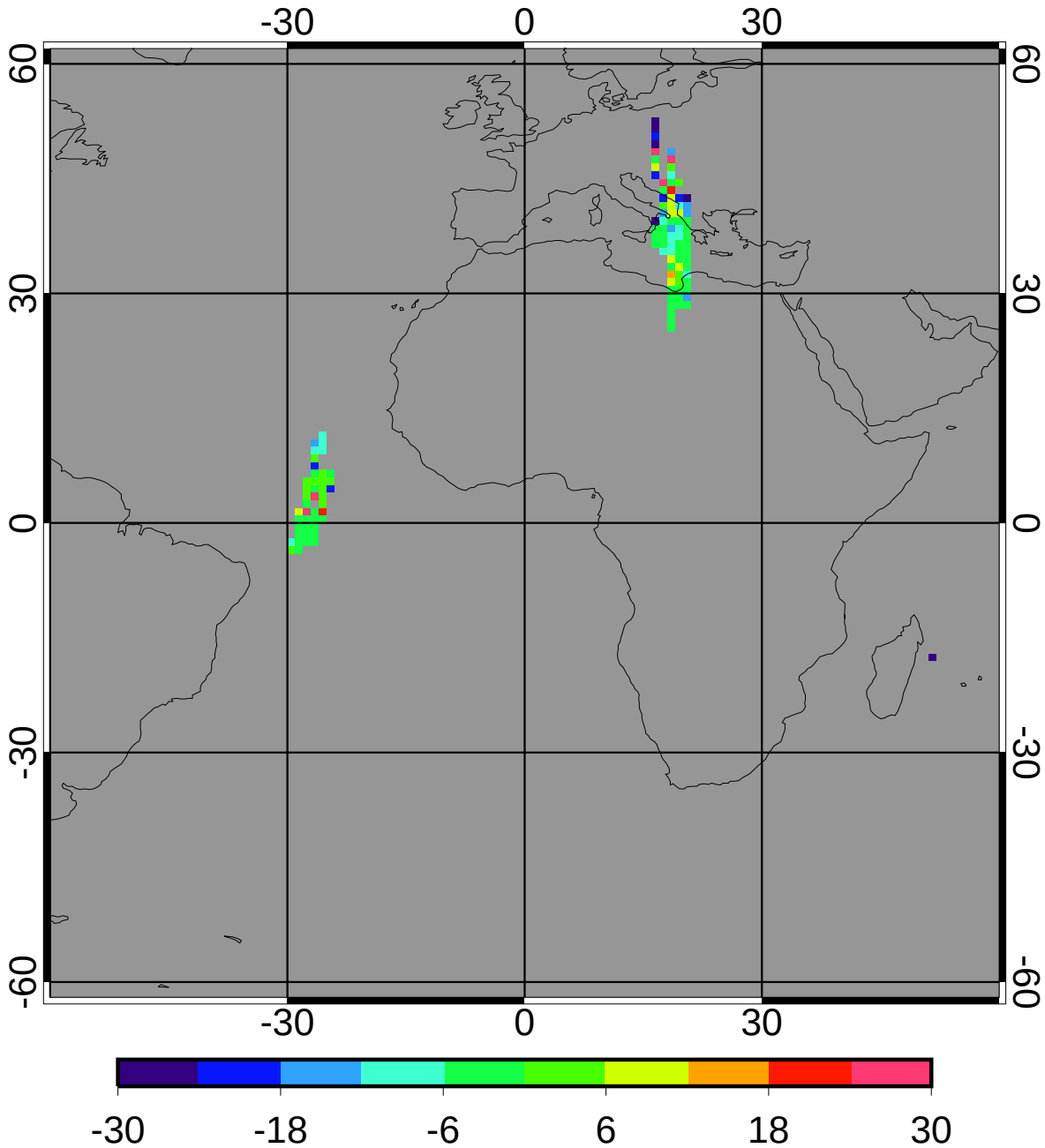
CERES MEAN Daytime Ice Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Ice Cld Amt (%) Bias

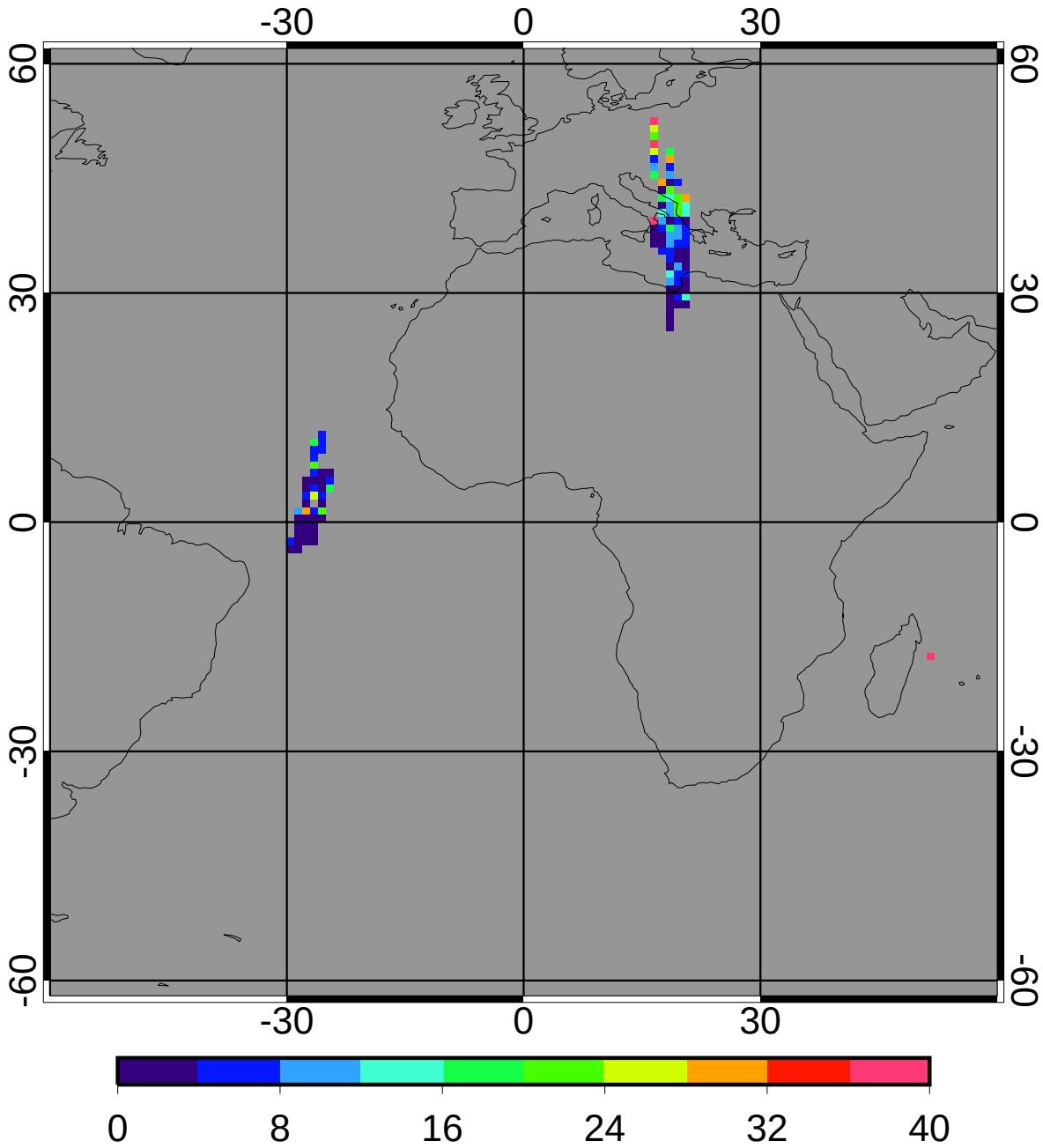
5ch_39cal Oct 2010 (matched angle)



bias	-2.71	-9.22%
domain sigma	11.31	38.53%

GGEO - CERES Daytime Ice Cld Amt (%) RMS

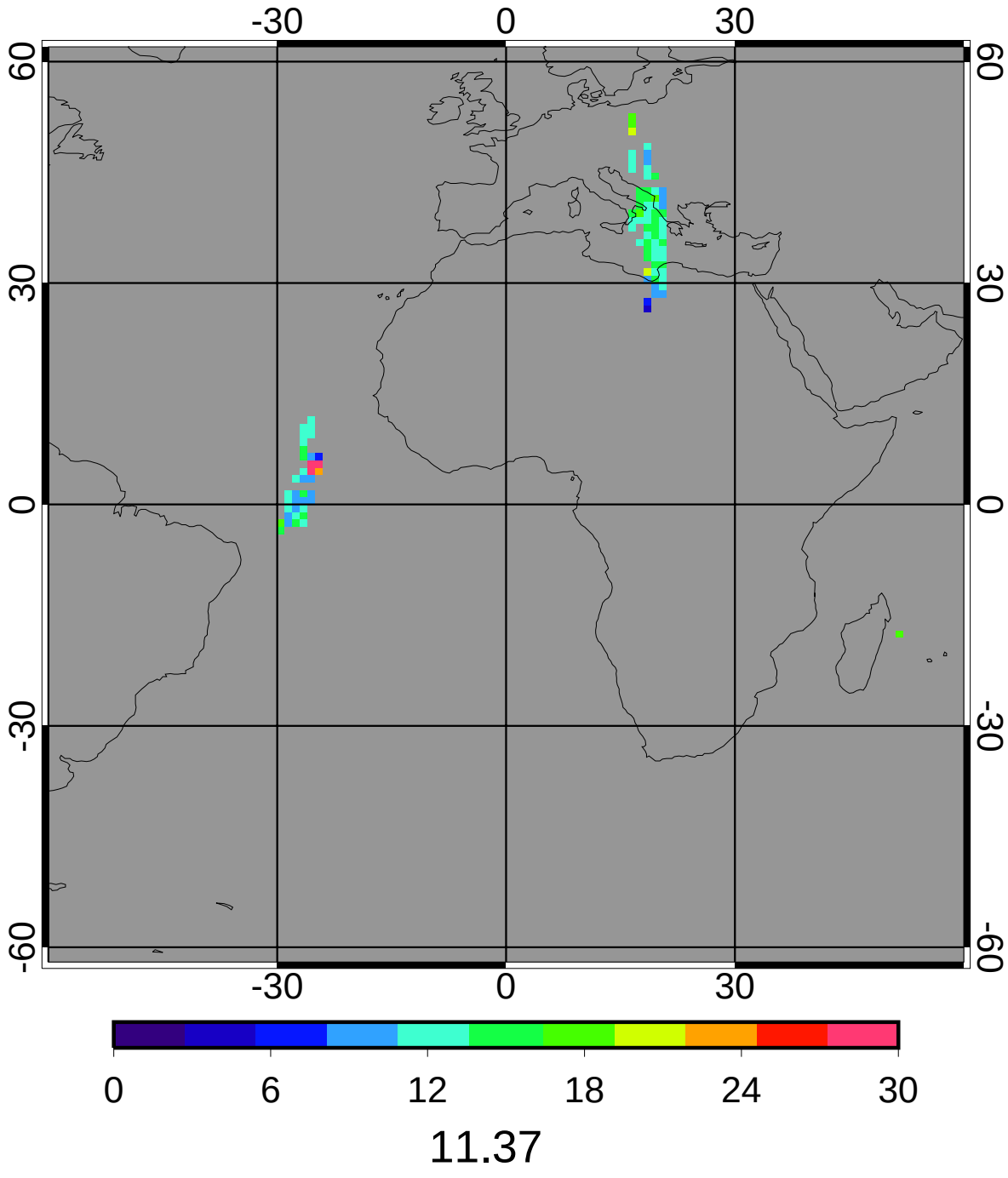
5ch_39cal Oct 2010 (matched angle)



regave rms	8.36	28.47%
domain rms	13.20	44.99%

GGEO MEAN Daytime Liquid Particle Size (microns)

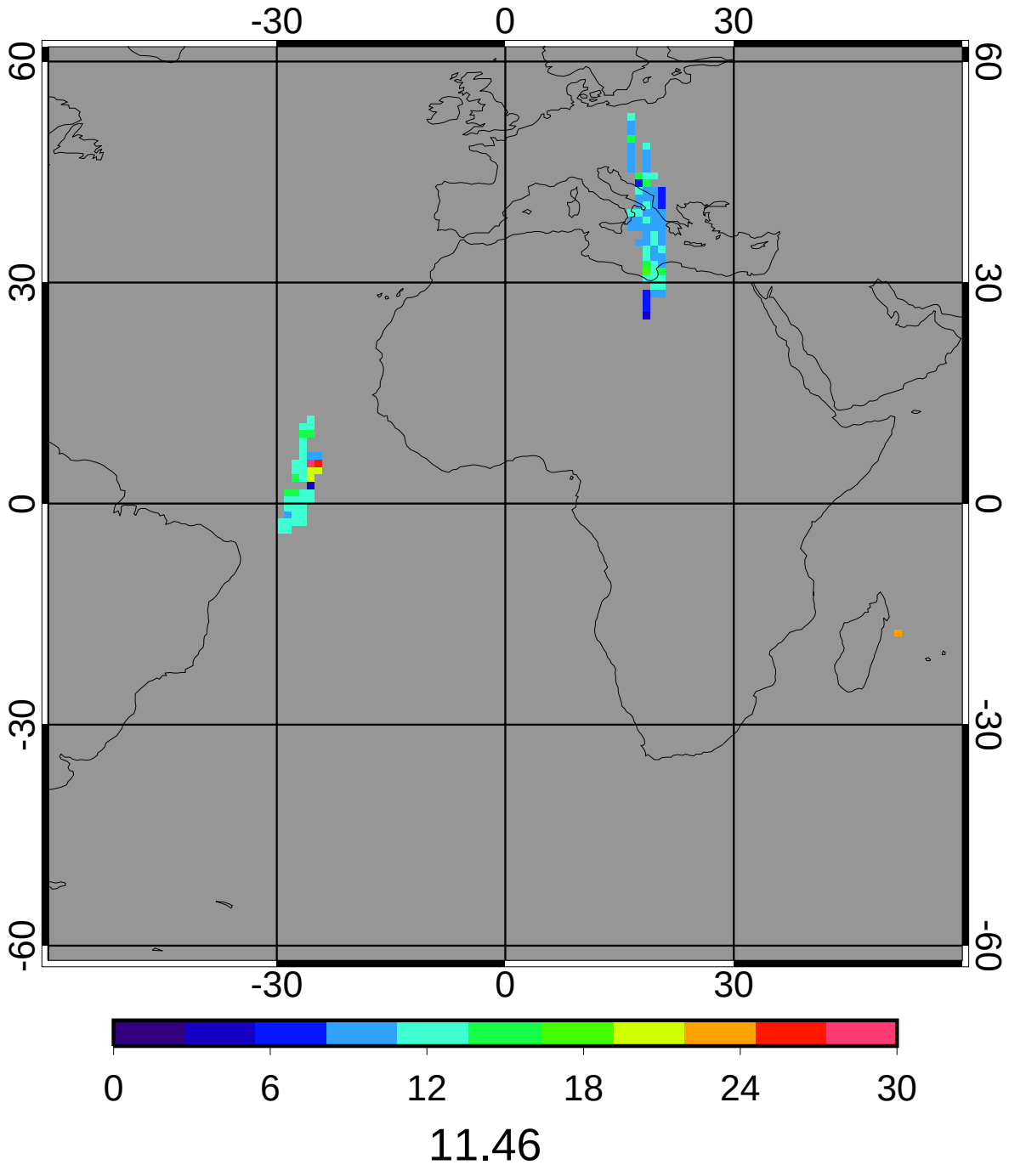
5ch_39cal Oct 2010 (matched angle)



11.37

CERES MEAN Daytime Liquid Particle Size (microns)

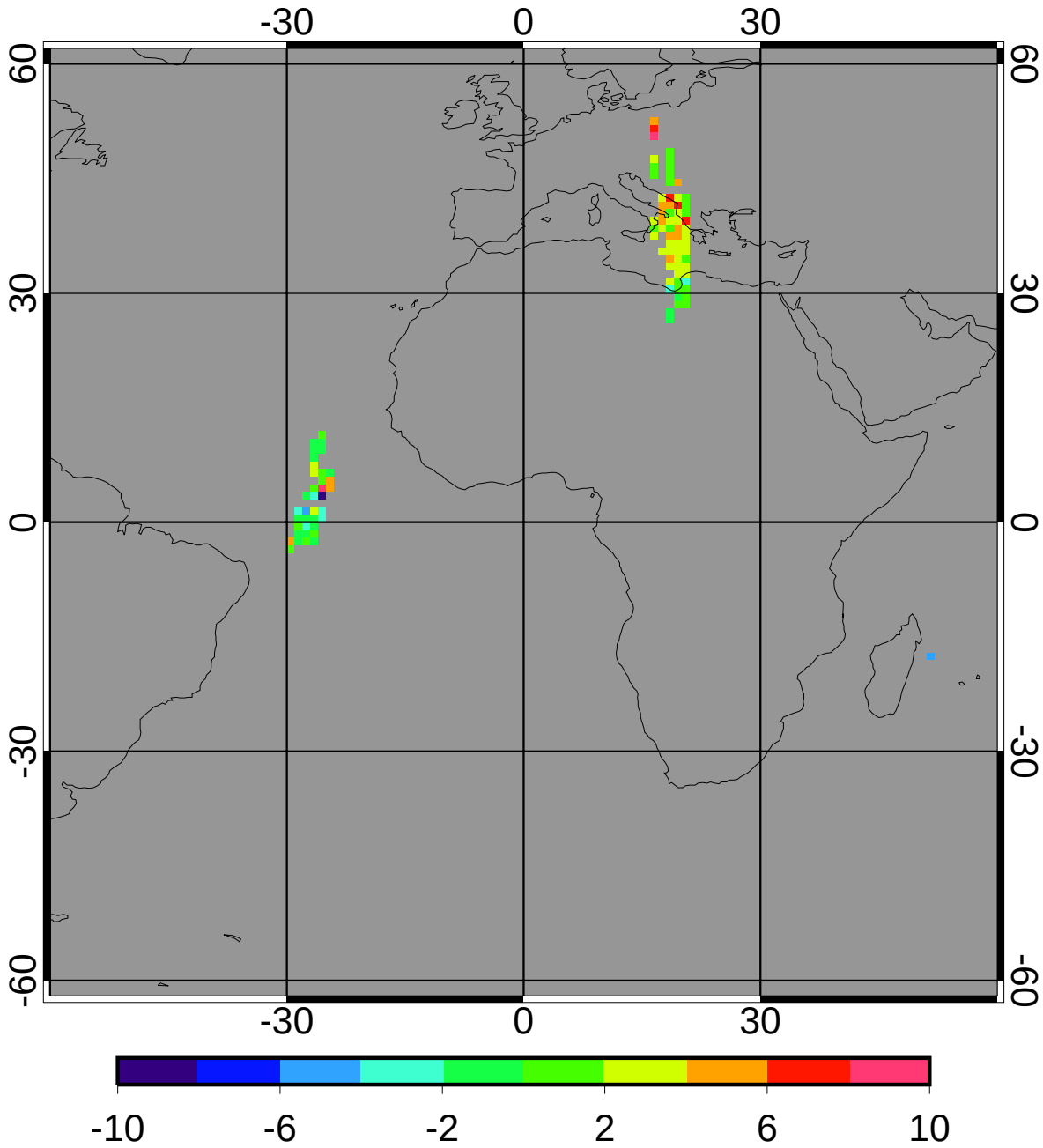
5ch_39cal Oct 2010 (matched angle)



11.46

GGEO - CERES Daytime Liquid Particle Size (microns) Bias

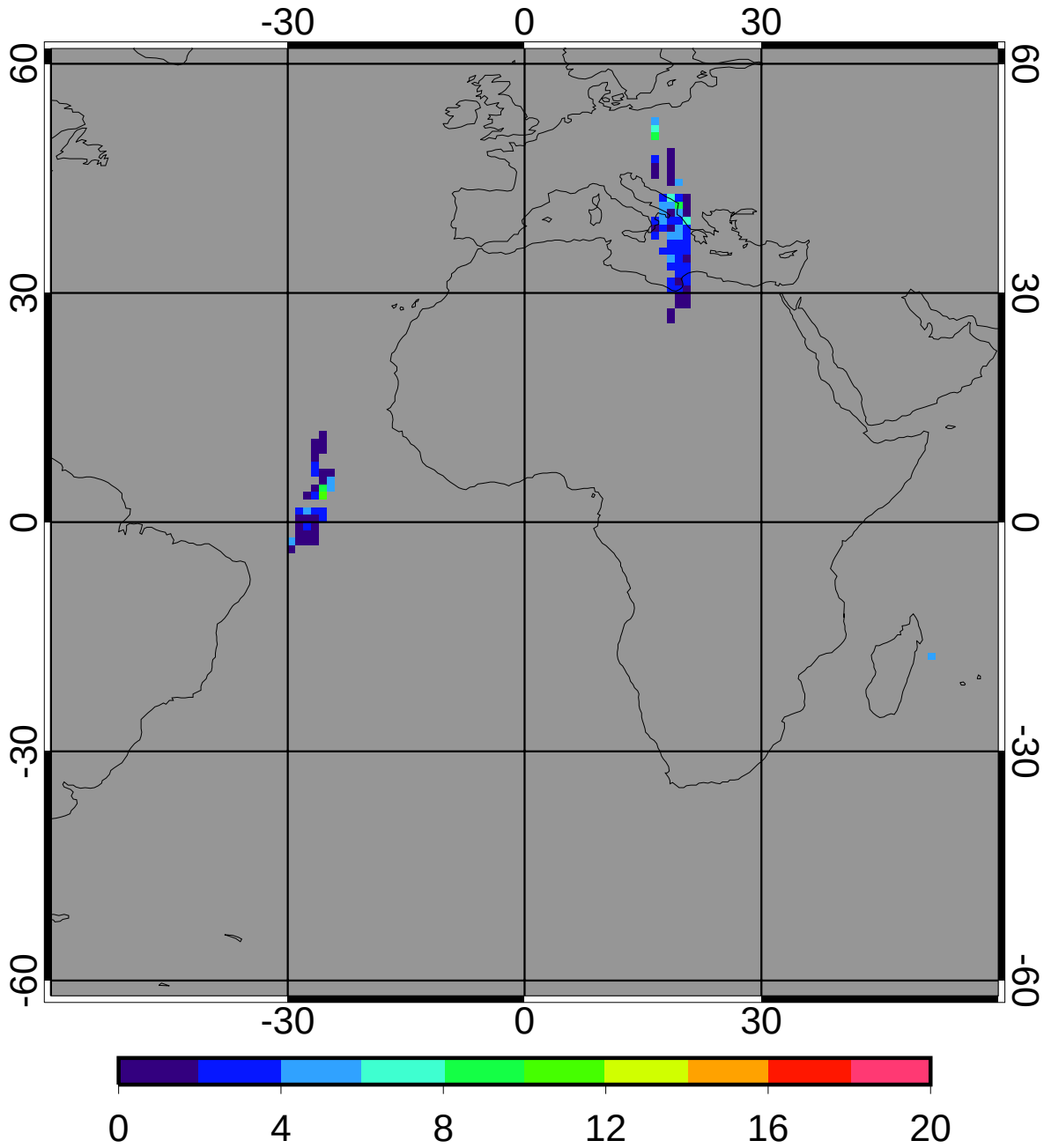
5ch_39cal Oct 2010 (matched angle)



bias	1.11	9.67%
domain sigma	2.50	21.83%

GGEO - CERES Daytime Liquid Particle Size (microns) RMS

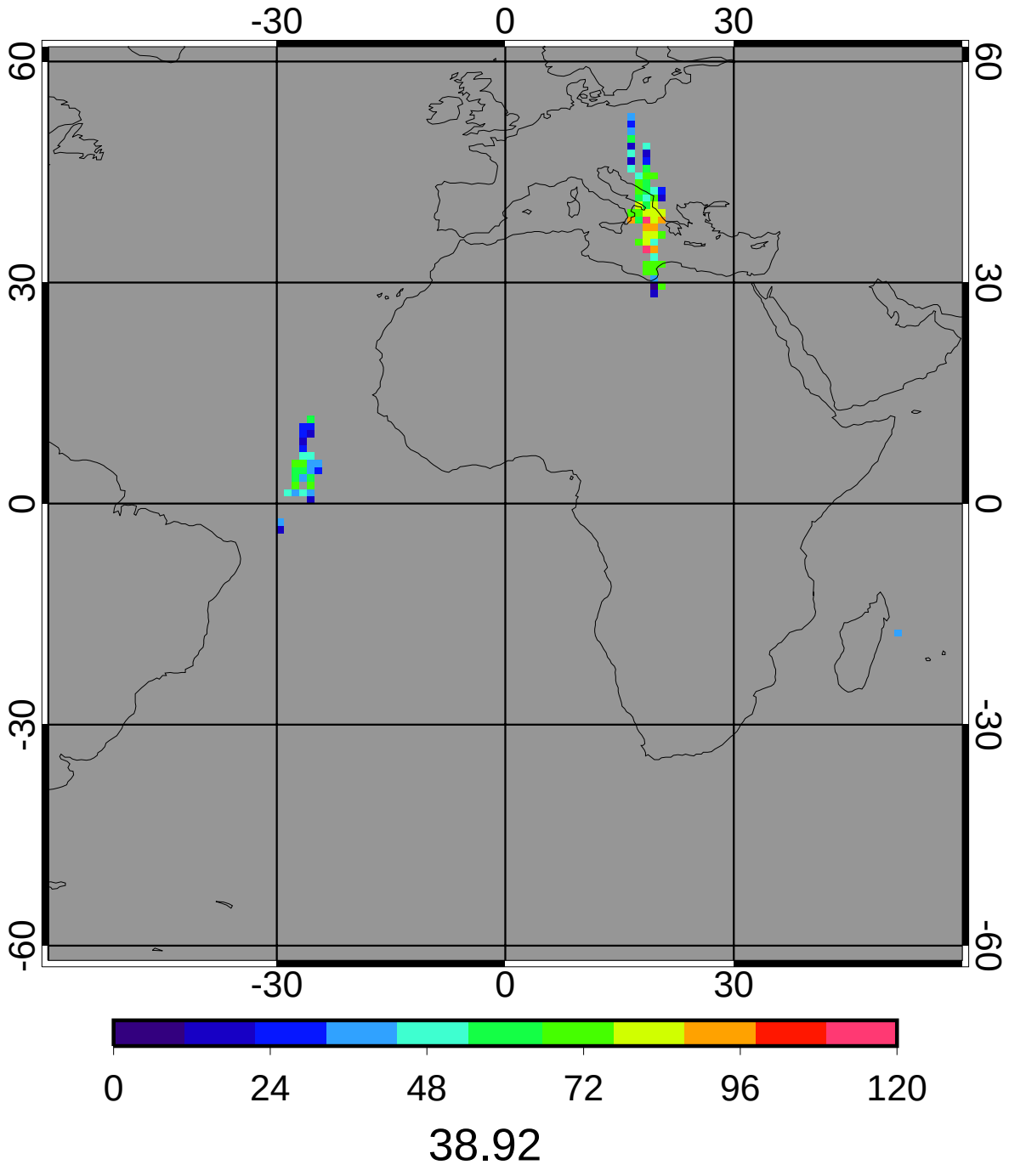
5ch_39cal Oct 2010 (matched angle)



regave rms	2.15	18.75%
domain rms	3.08	26.91%

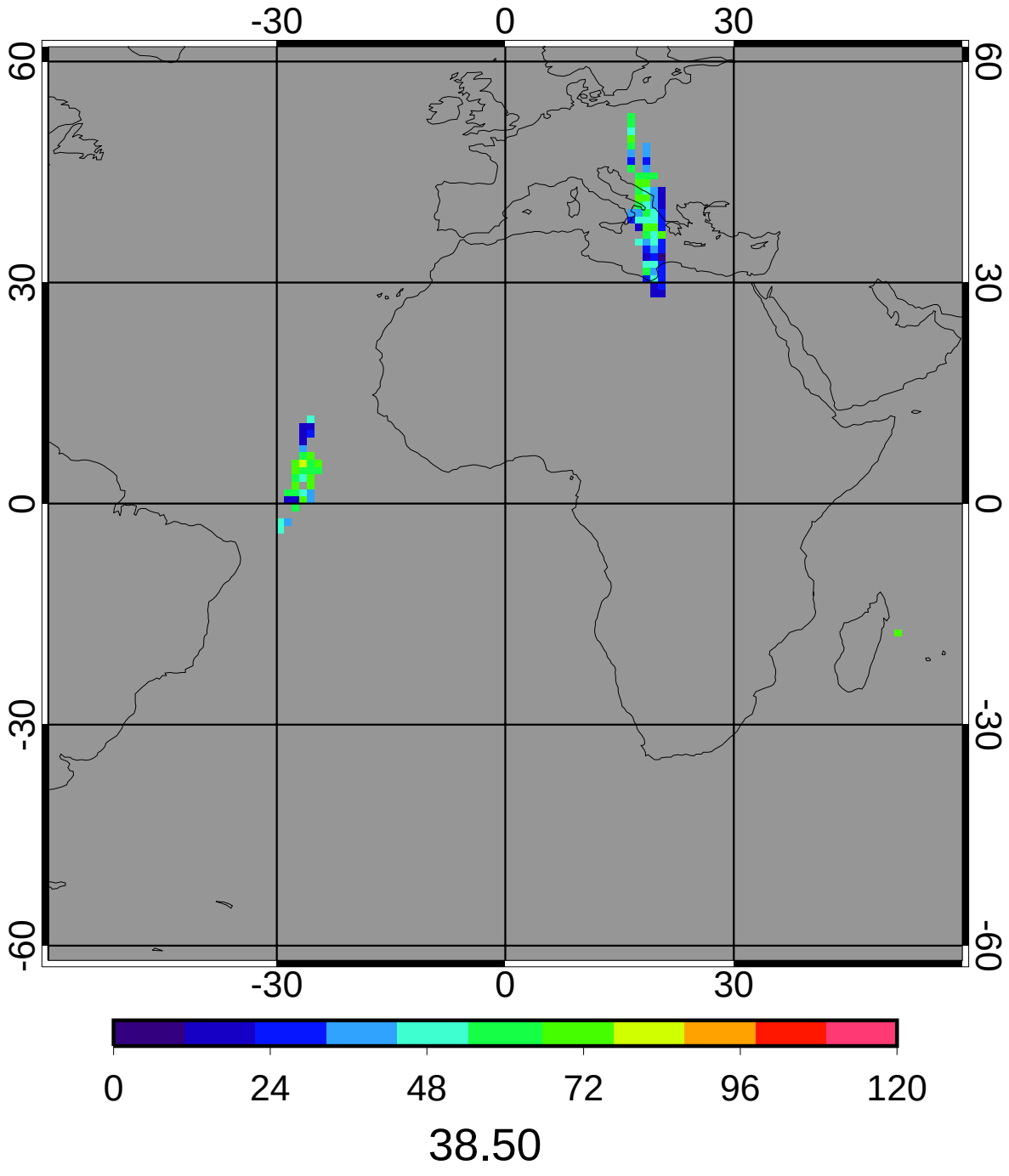
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_39cal Oct 2010 (matched angle)



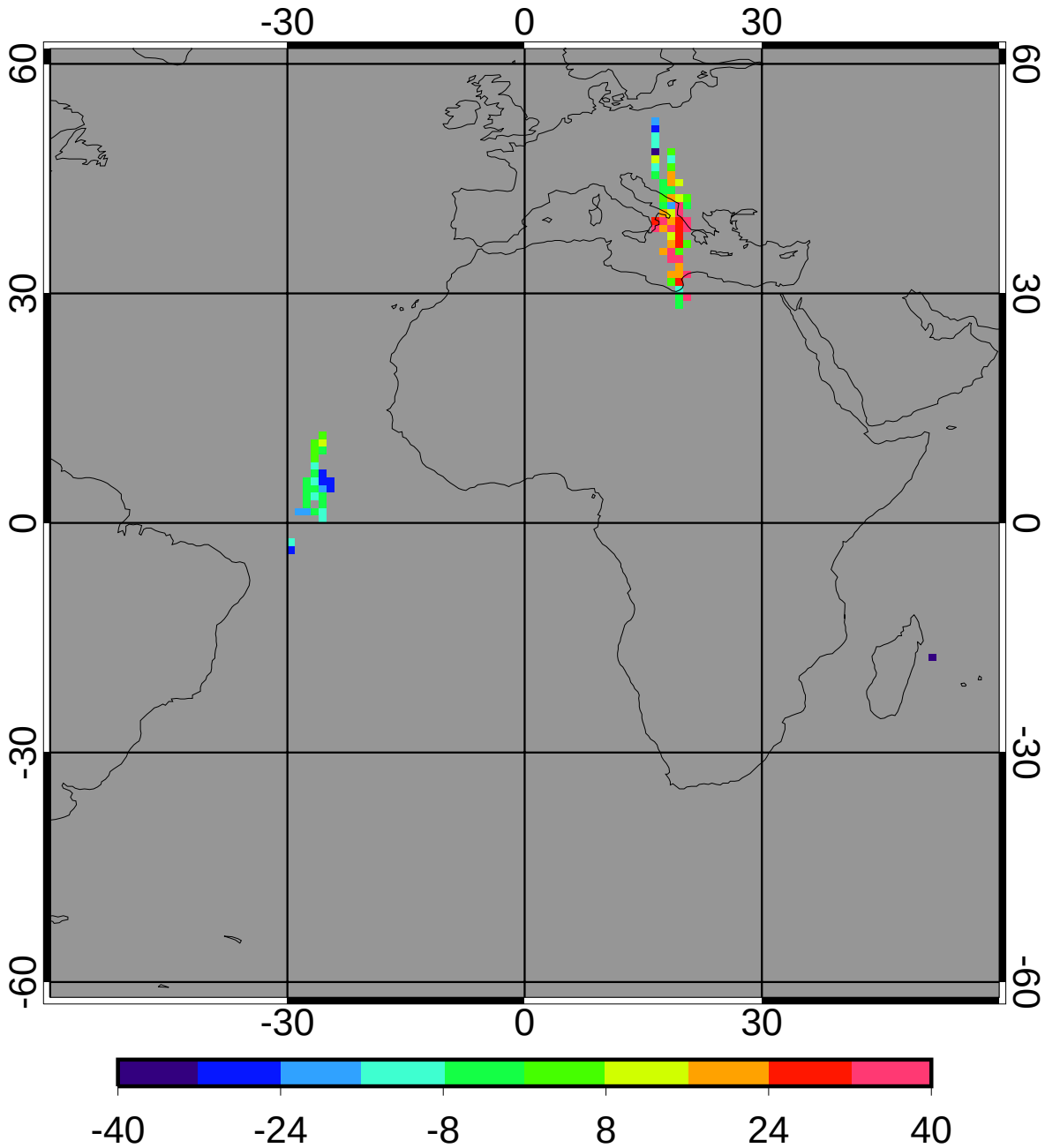
CERES MEAN Daytime Ice Particle Size (microns)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Daytime Ice Particle Size (microns) Bias

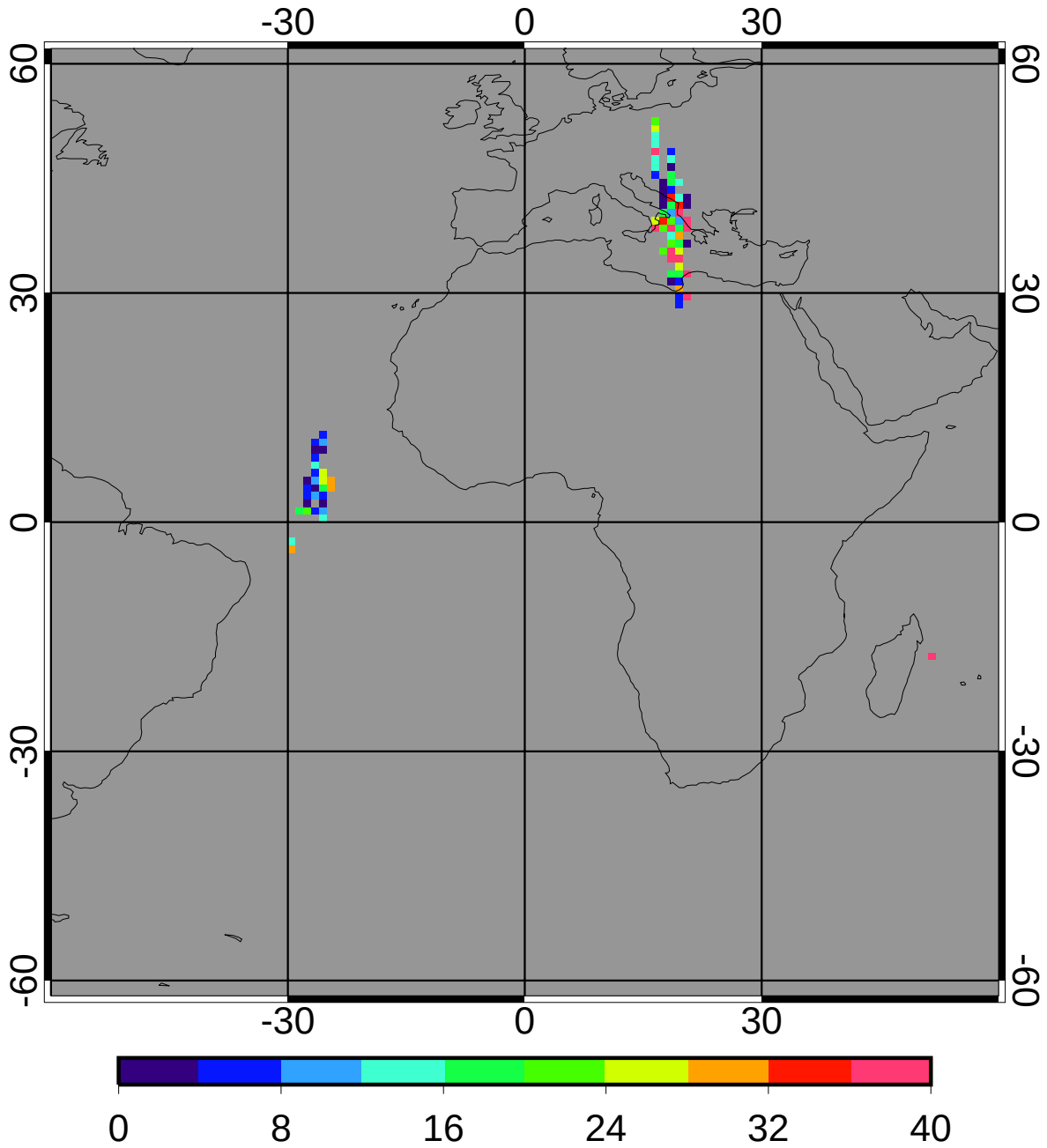
5ch_39cal Oct 2010 (matched angle)



bias	4.11	10.67%
domain sigma	21.06	54.71%

GGEO - CERES Daytime Ice Particle Size (microns) RMS

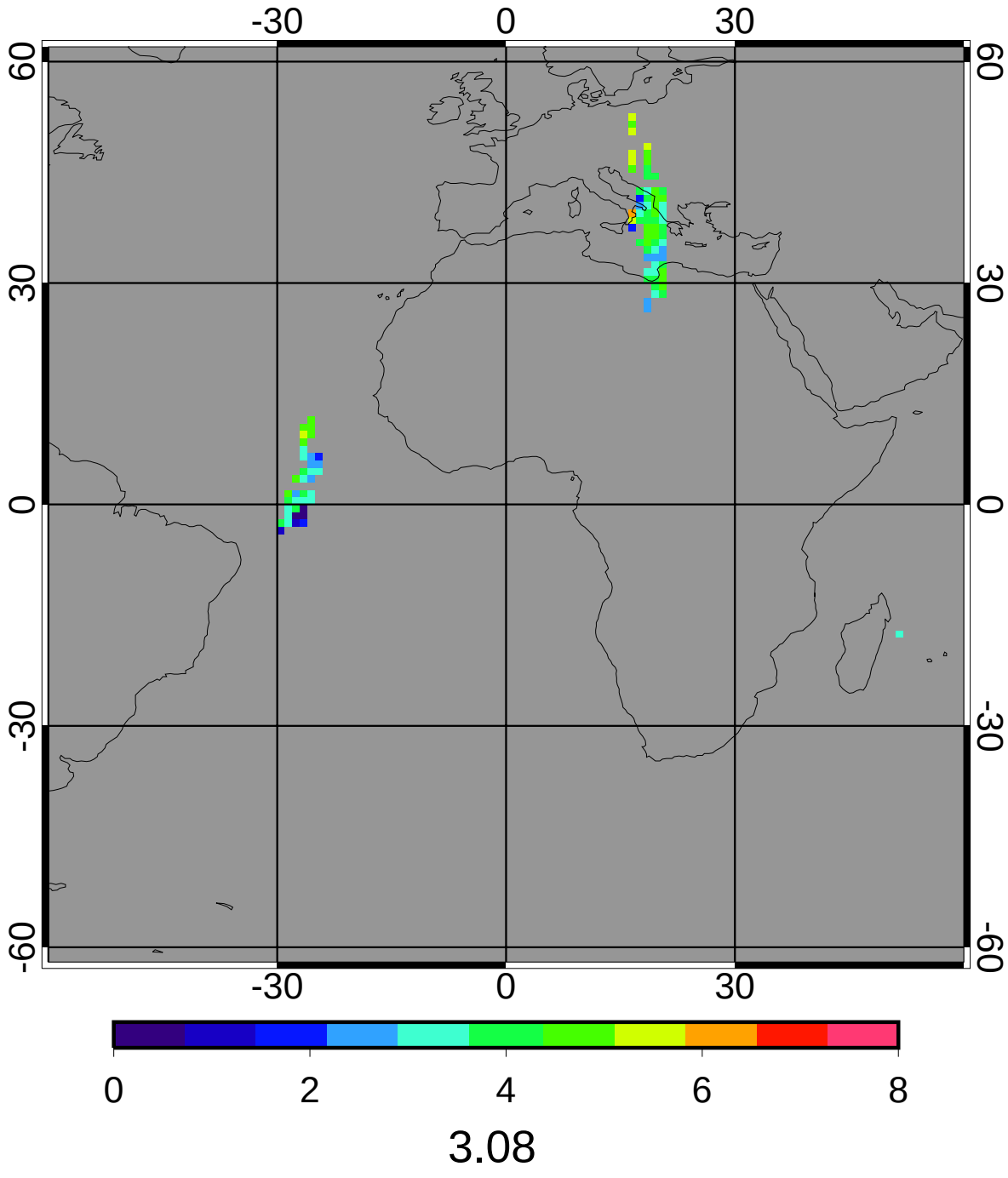
5ch_39cal Oct 2010 (matched angle)



regave rms	13.61	35.35%
domain rms	24.15	62.74%

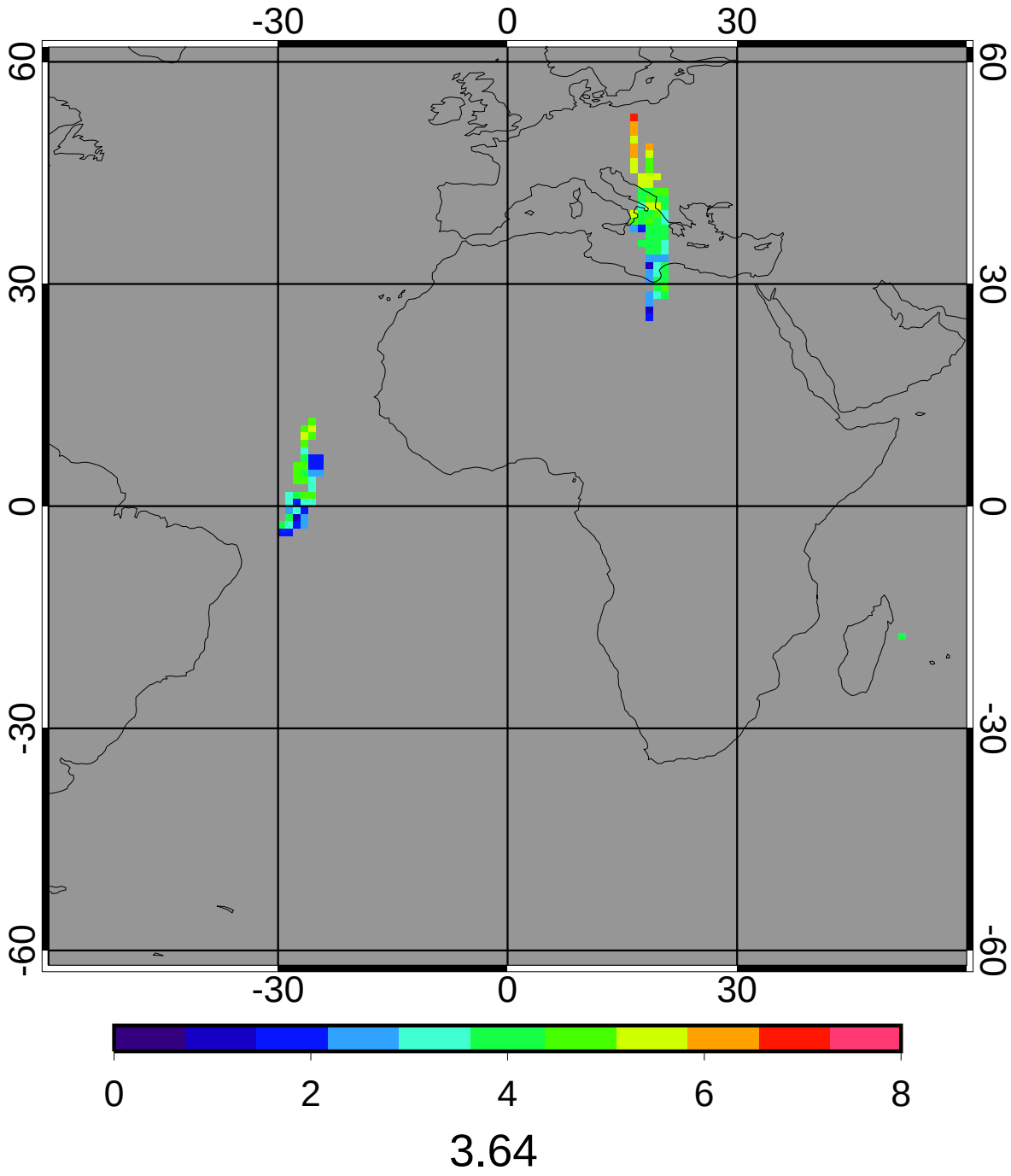
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



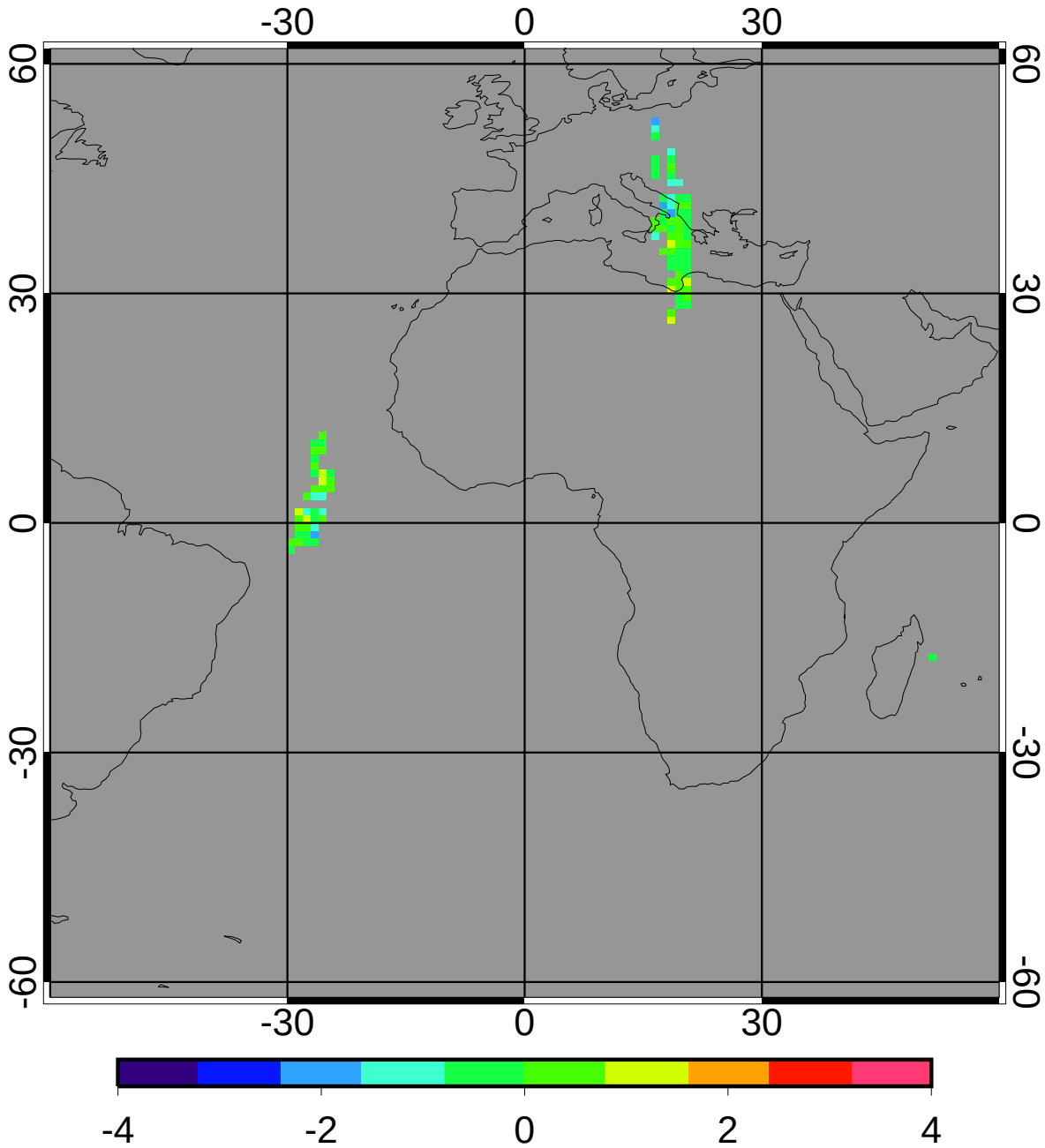
CERES MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



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

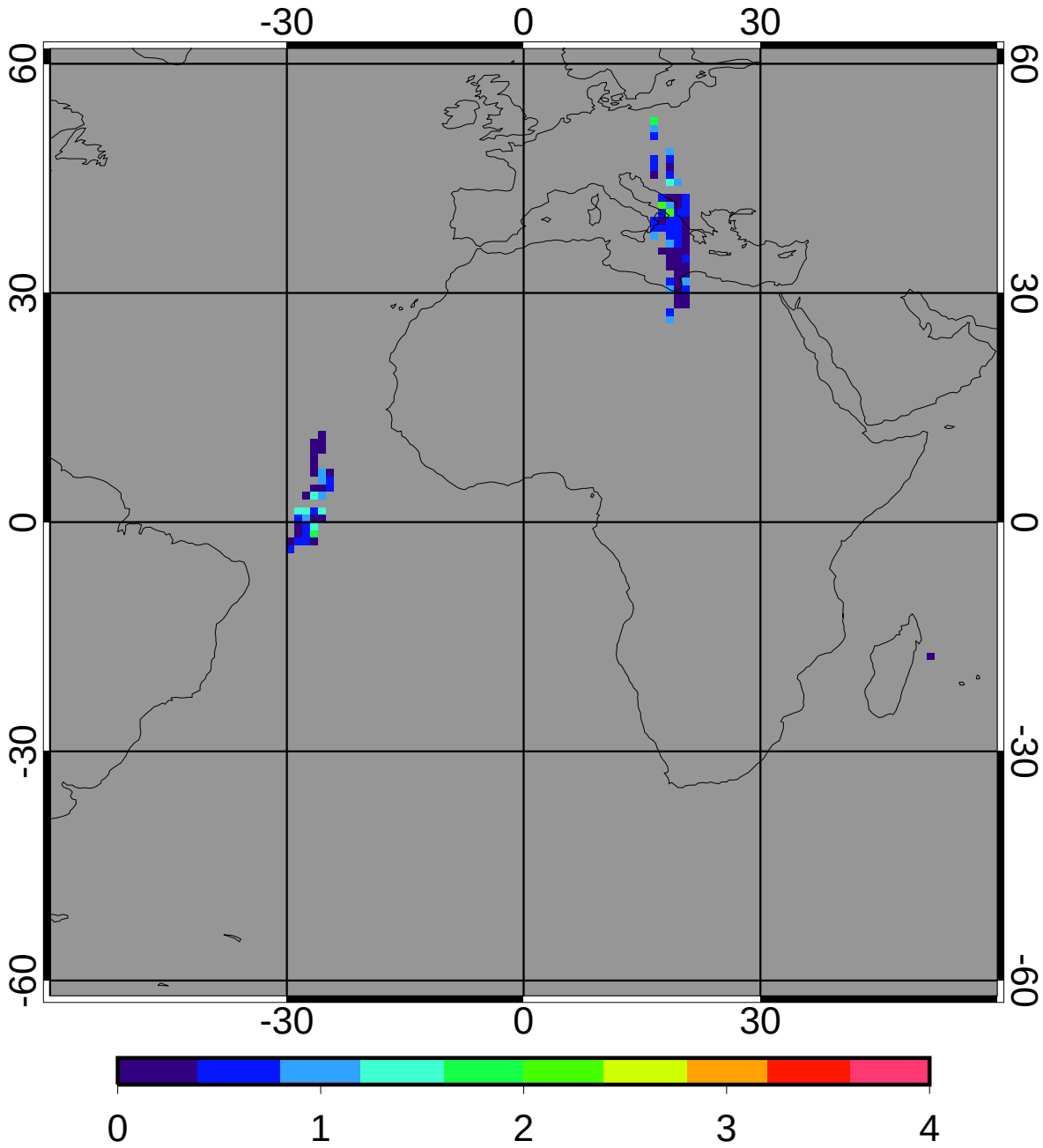
5ch_39cal Oct 2010 (matched angle)



bias	-0.13	-3.49%
domain sigma	0.60	16.53%

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

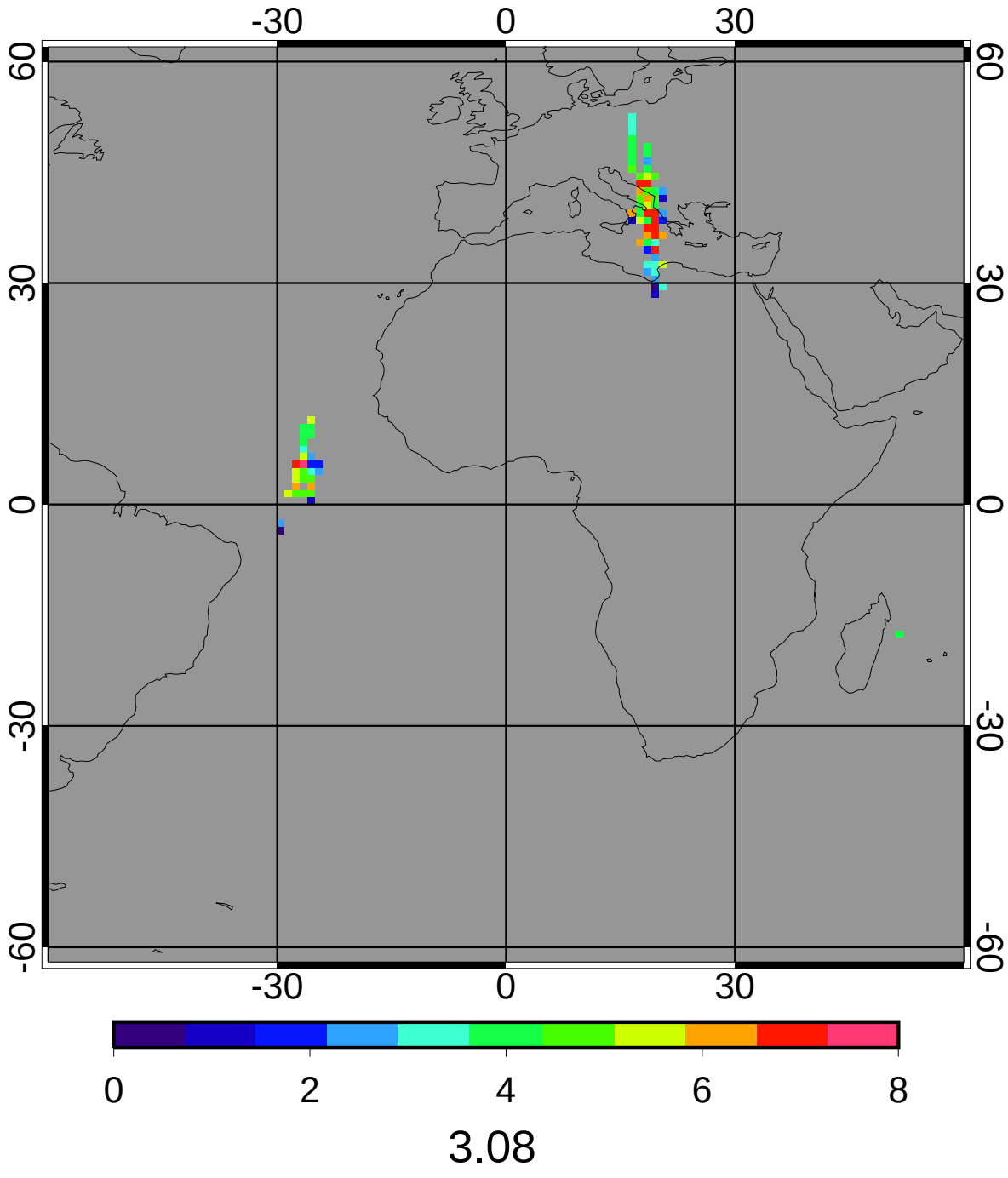
5ch_39cal Oct 2010 (matched angle)



regave rms	0.46	12.65%
domain rms	0.64	17.53%

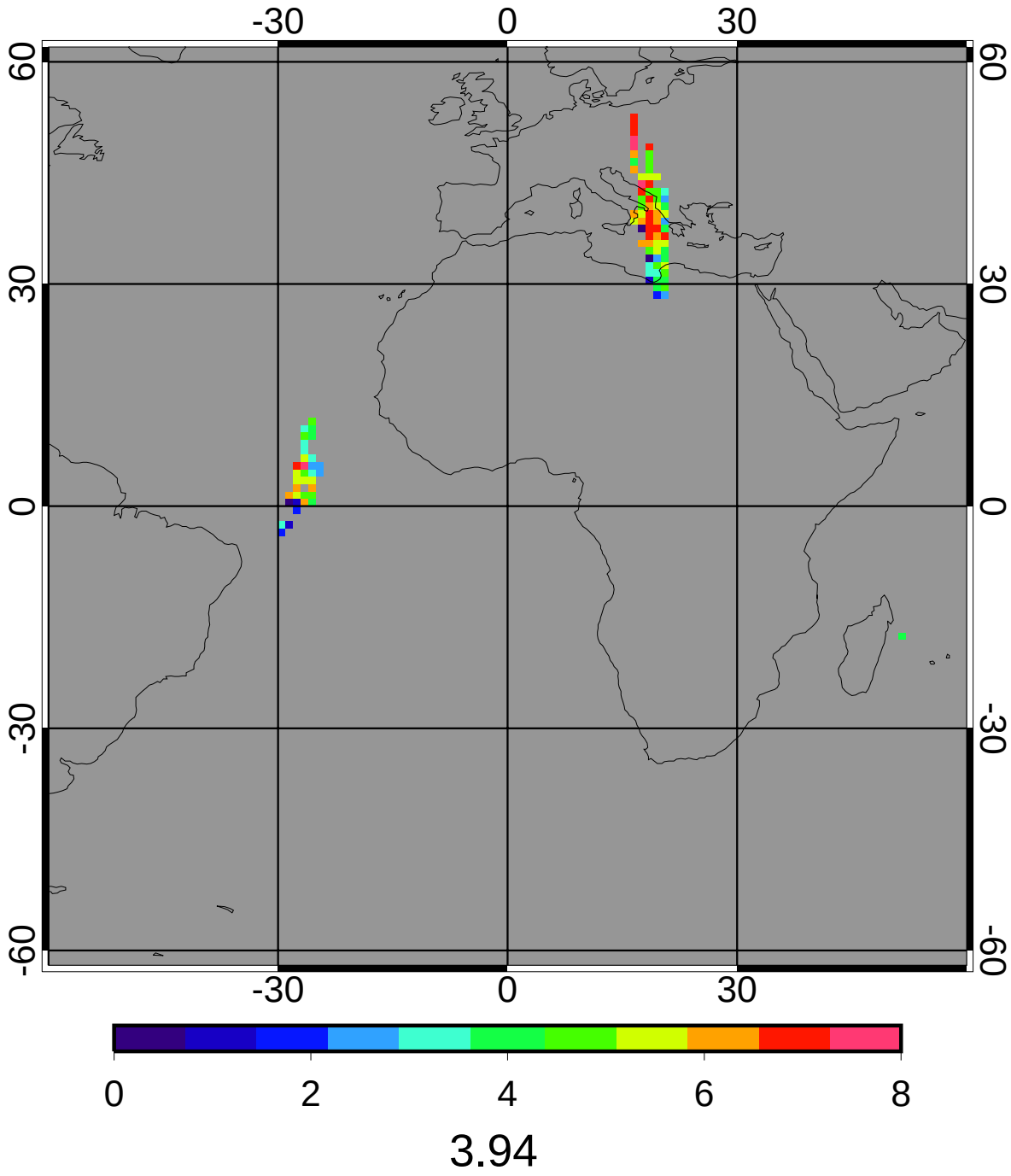
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



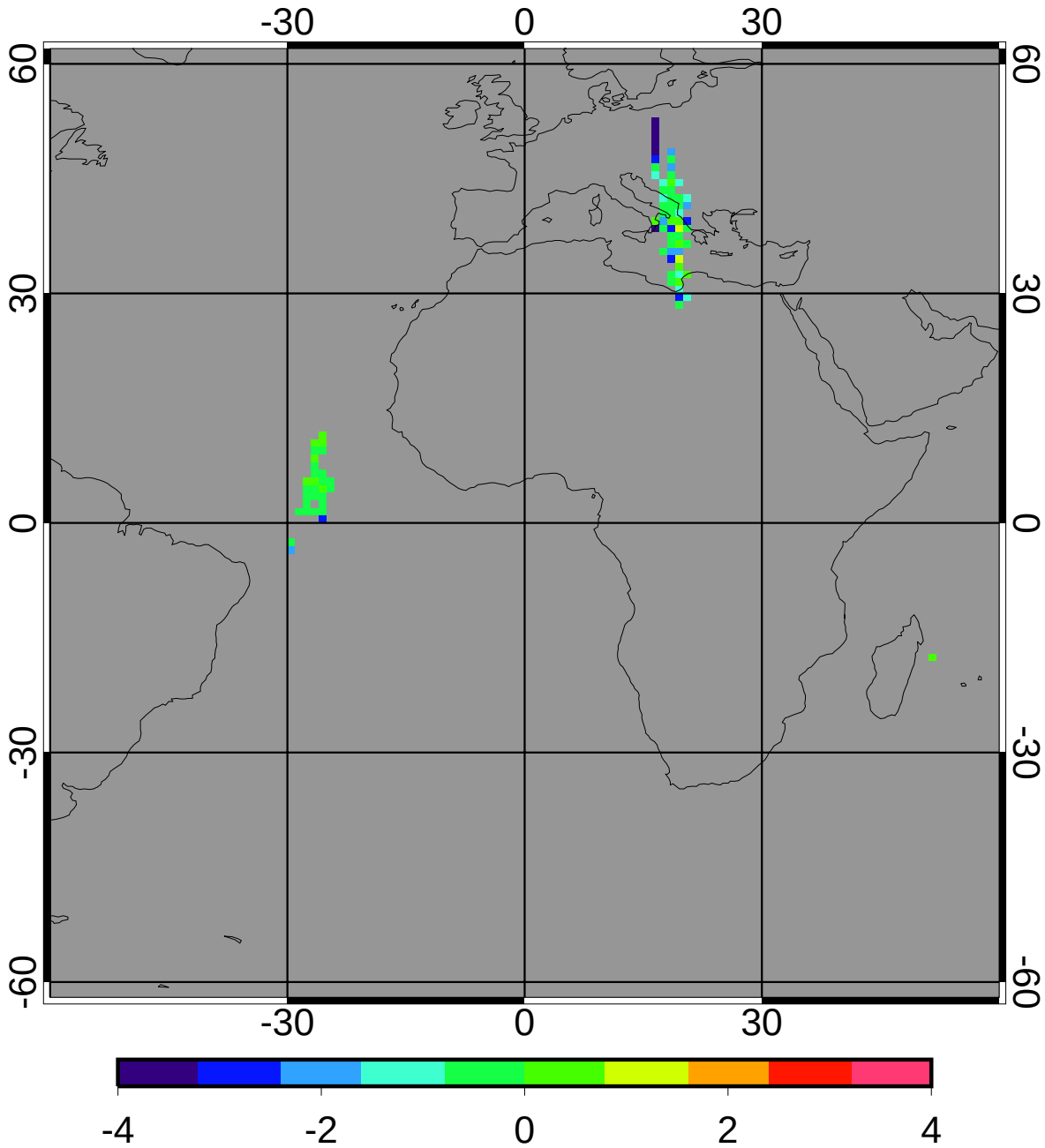
CERES MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



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

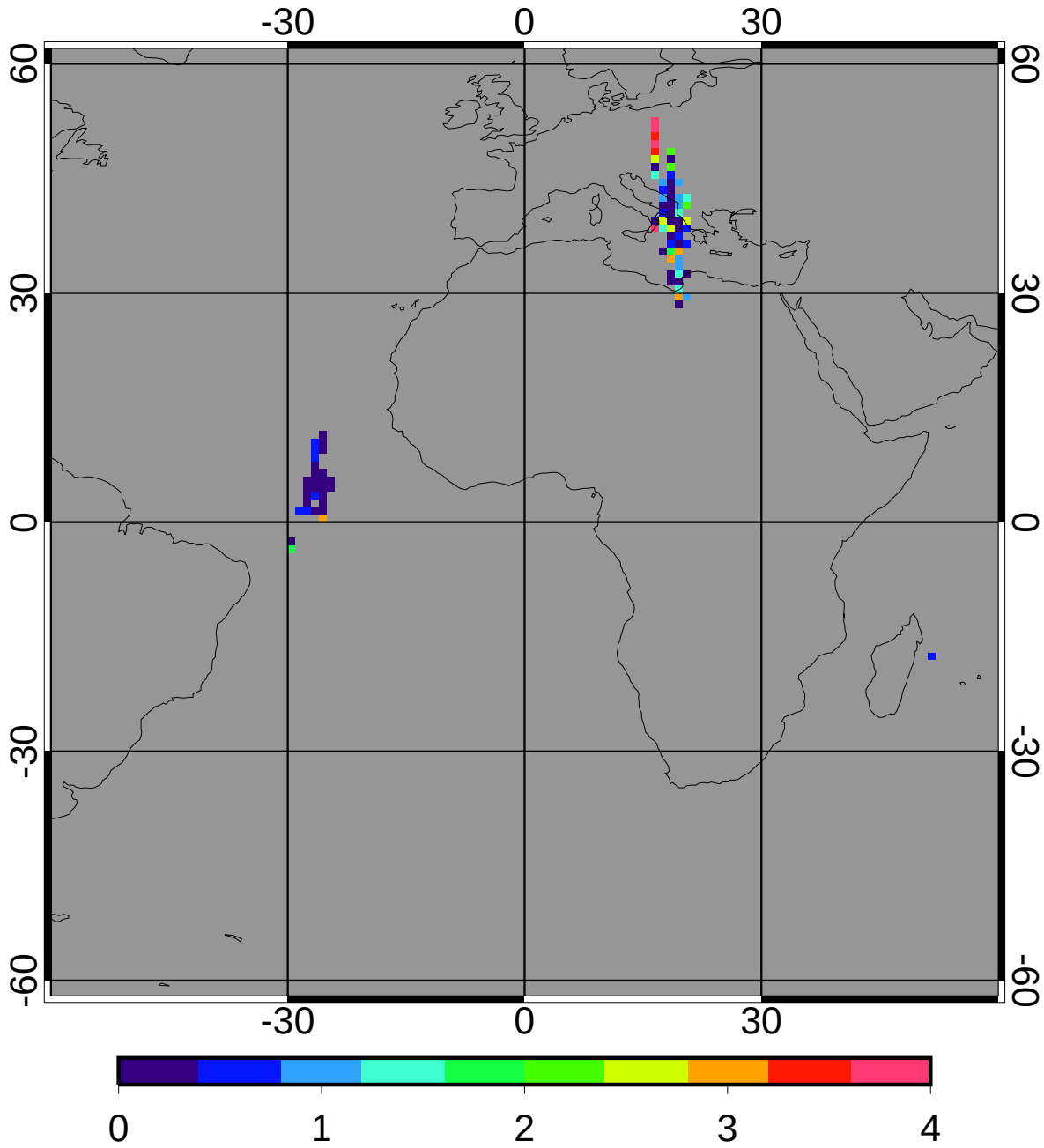
5ch_39cal Oct 2010 (matched angle)



bias	-0.50	-12.69%
domain sigma	0.89	22.70%

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

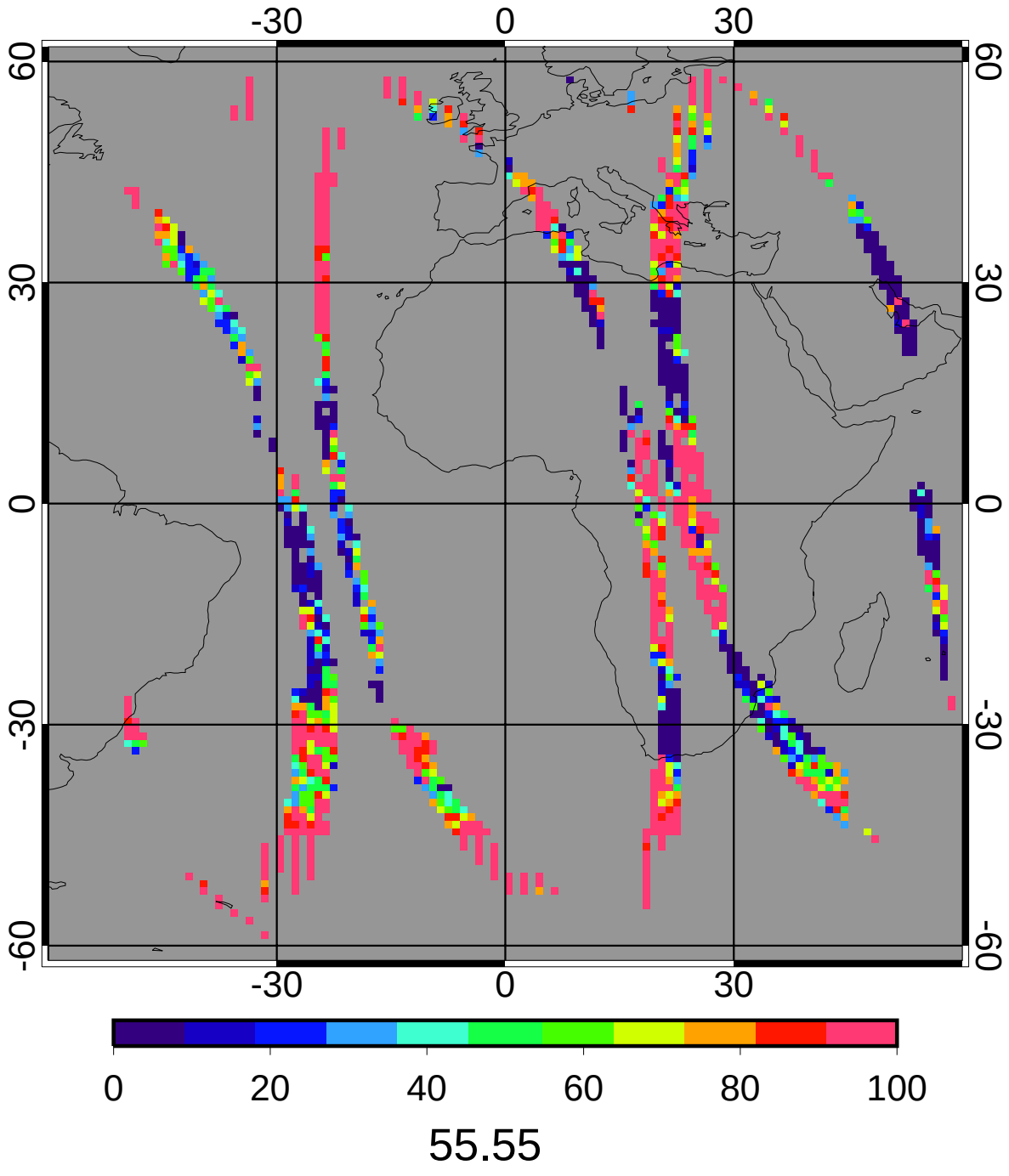
5ch_39cal Oct 2010 (matched angle)



regave rms	0.64	16.15%
domain rms	1.28	32.53%

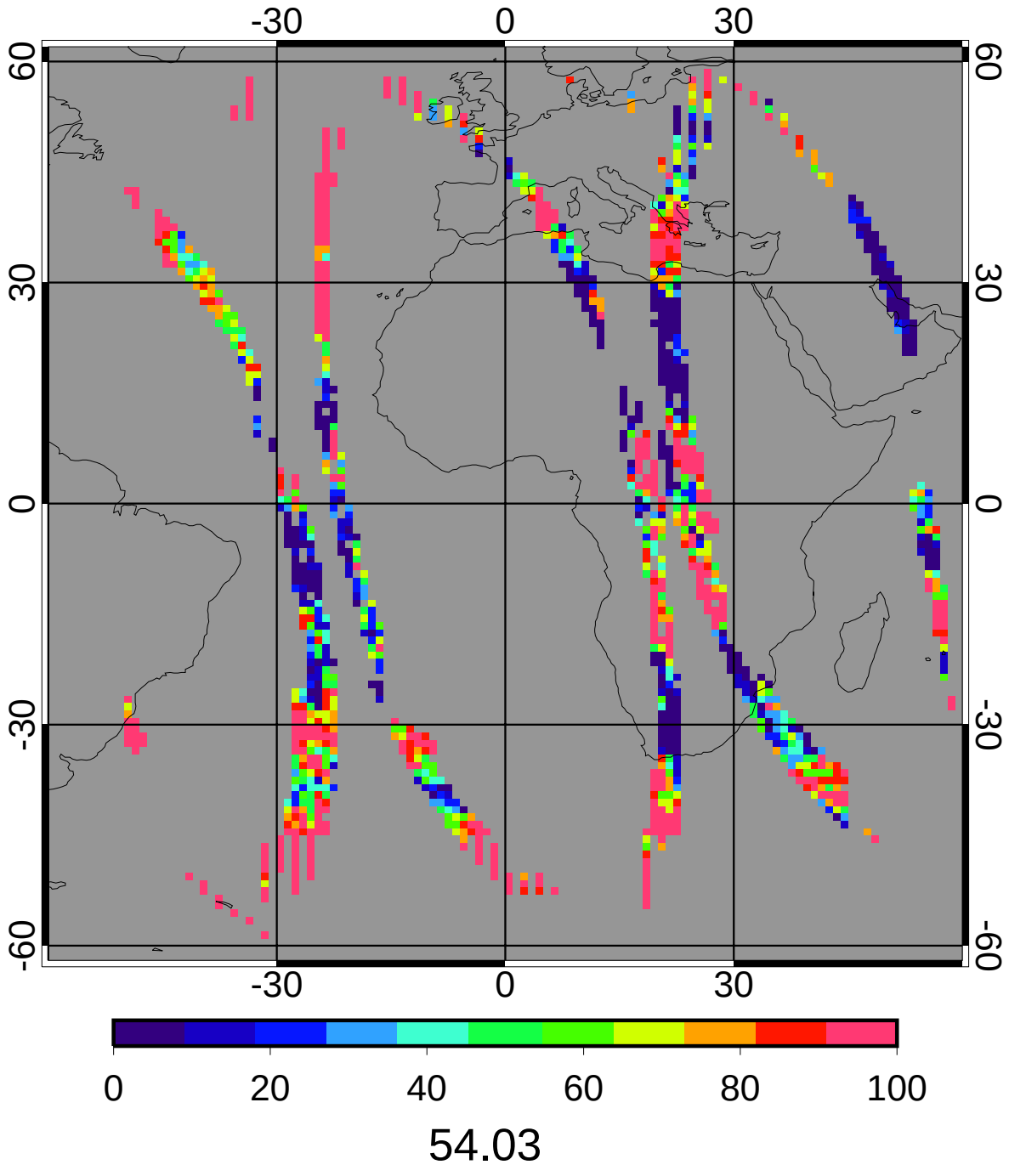
GGEO MEAN Nighttime Cloud Amount (%)

5ch_39cal Oct 2010 (matched angle)



CERES MEAN Nighttime Cloud Amount (%)

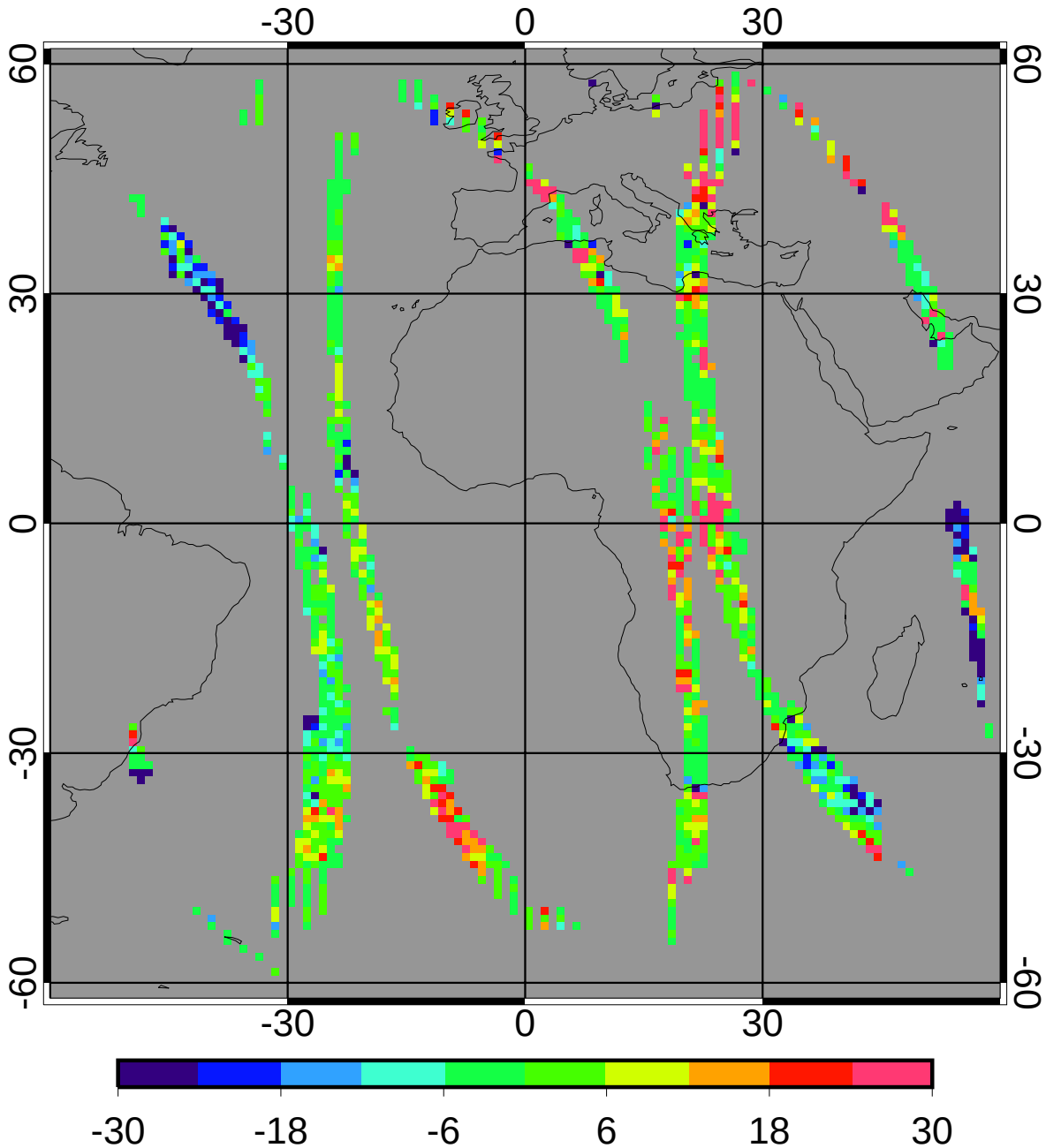
5ch_39cal Oct 2010 (matched angle)



54.03

GGEO - CERES Nighttime Cloud Amount (%) Bias

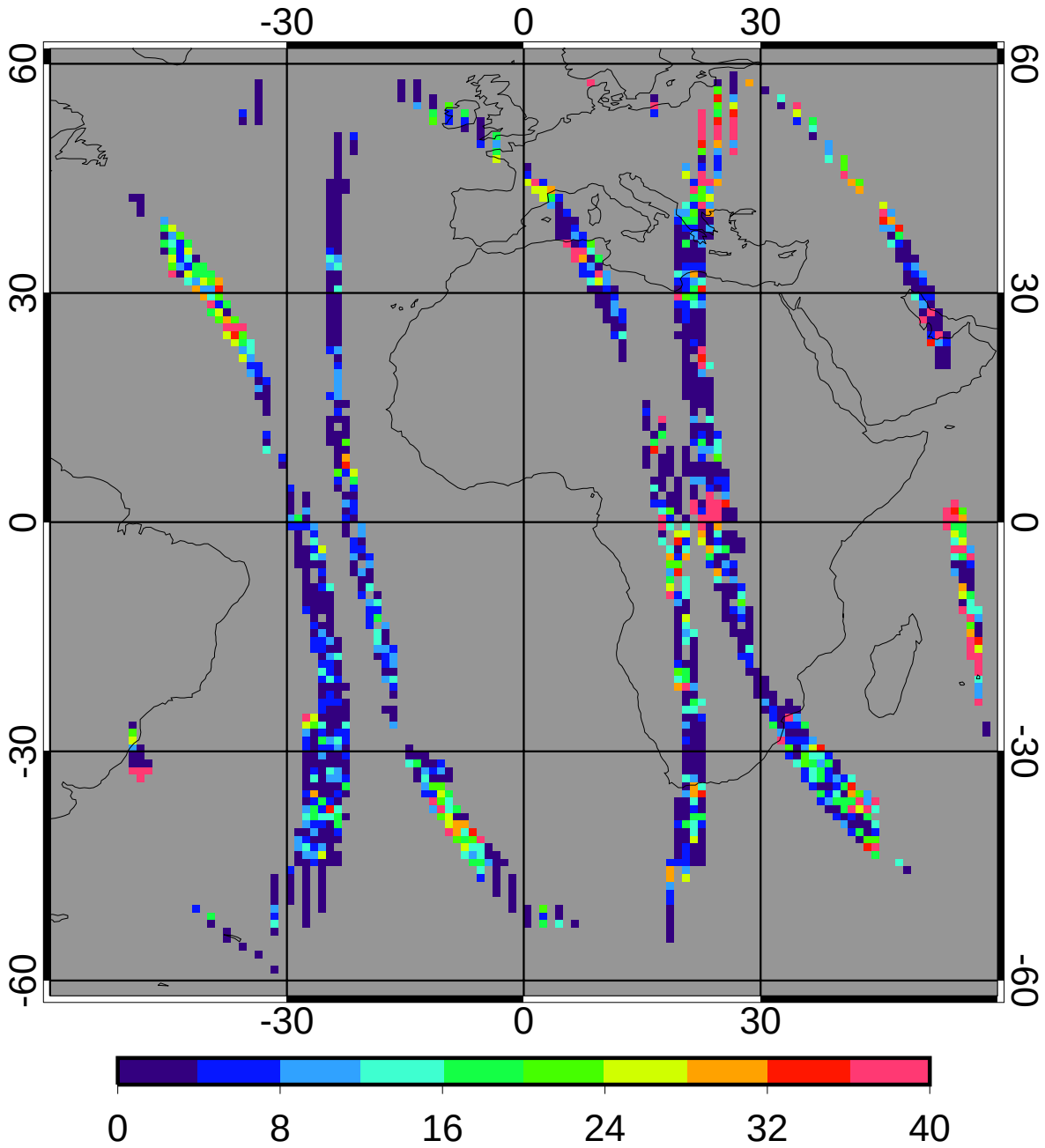
5ch_39cal Oct 2010 (matched angle)



bias	1.52	2.80%
domain sigma	15.43	28.56%

GGEO - CERES Nighttime Cloud Amount (%) RMS

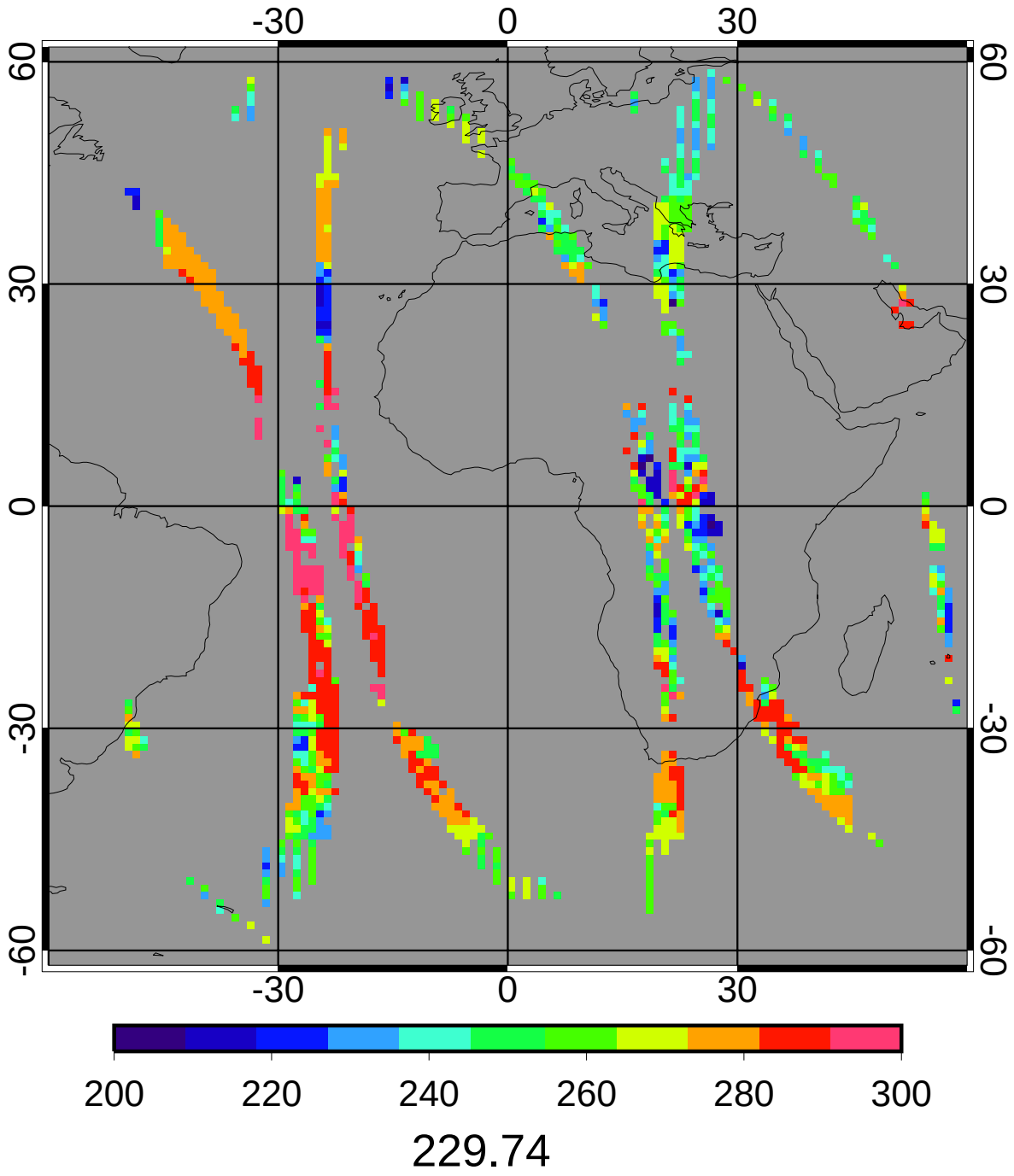
5ch_39cal Oct 2010 (matched angle)



regave rms	10.44	19.31%
domain rms	16.50	30.54%

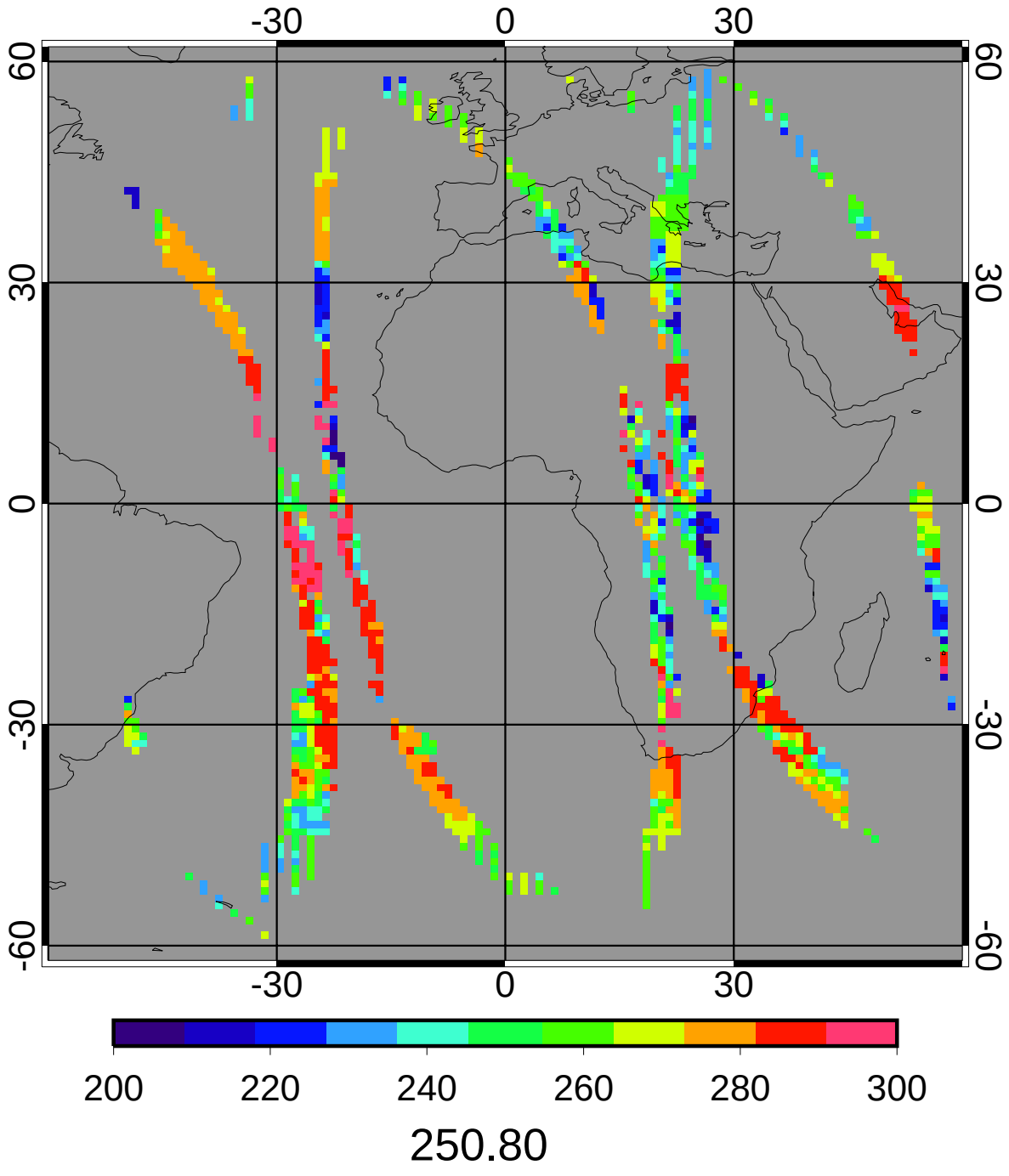
GGEO MEAN Nighttime Cloud Temperature (K)

5ch_39cal Oct 2010 (matched angle)



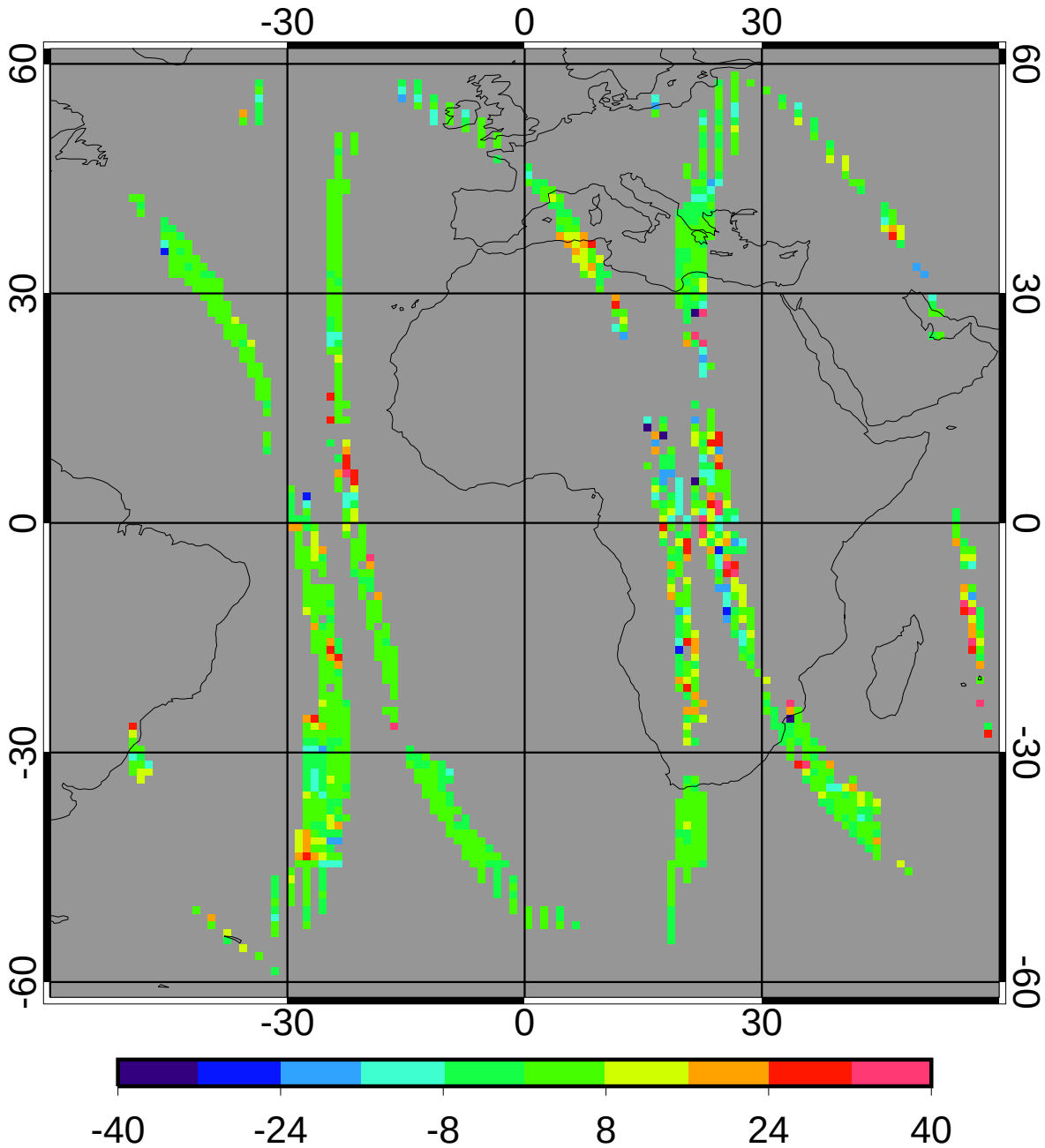
CERES MEAN Nighttime Cloud Temperature (K)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Cloud Temperature (K) Bias

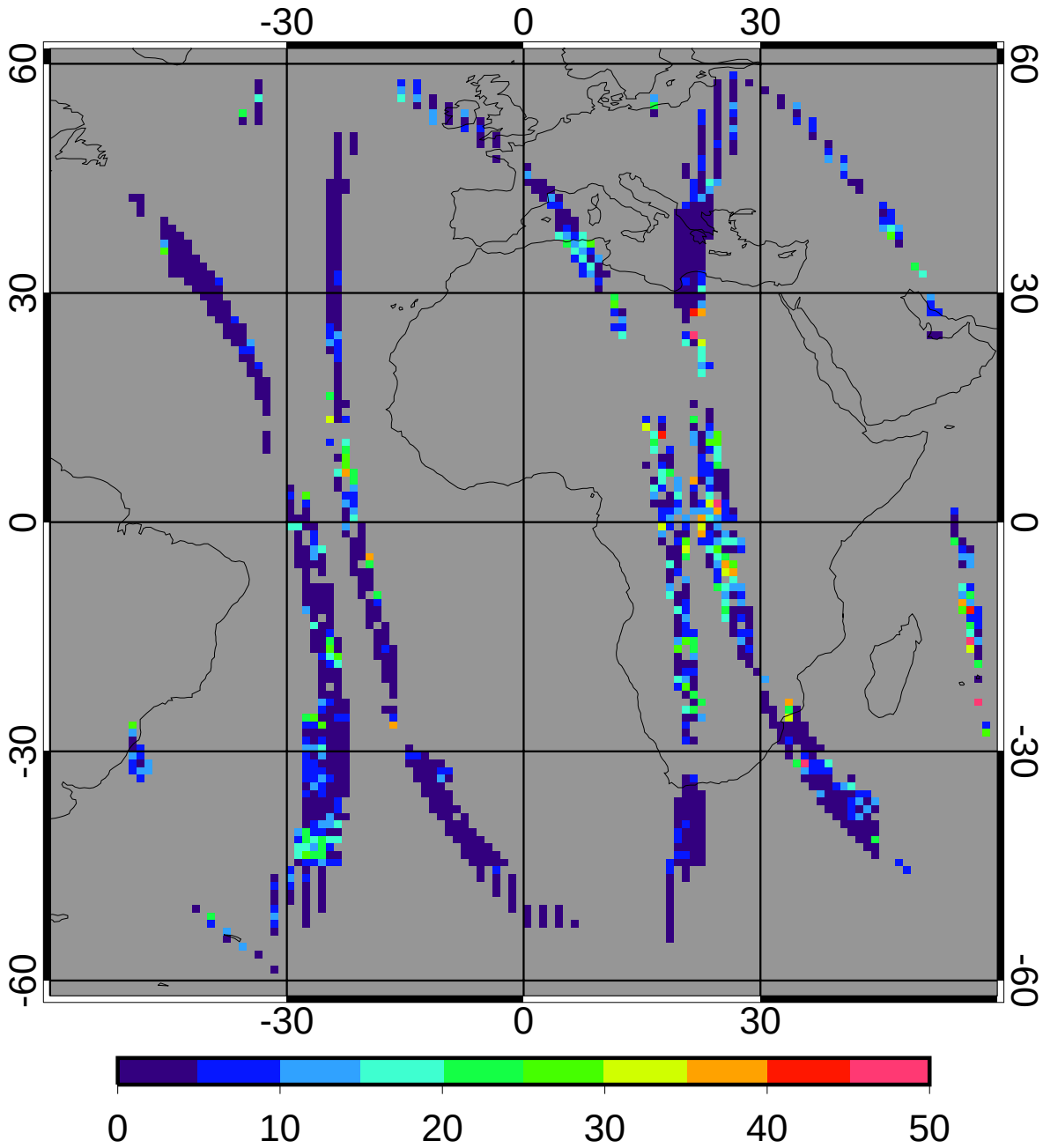
5ch_39cal Oct 2010 (matched angle)



bias	2.31	0.92%
domain sigma	9.22	3.67%

GGEO - CERES Nighttime Cloud Temperature (K) RMS

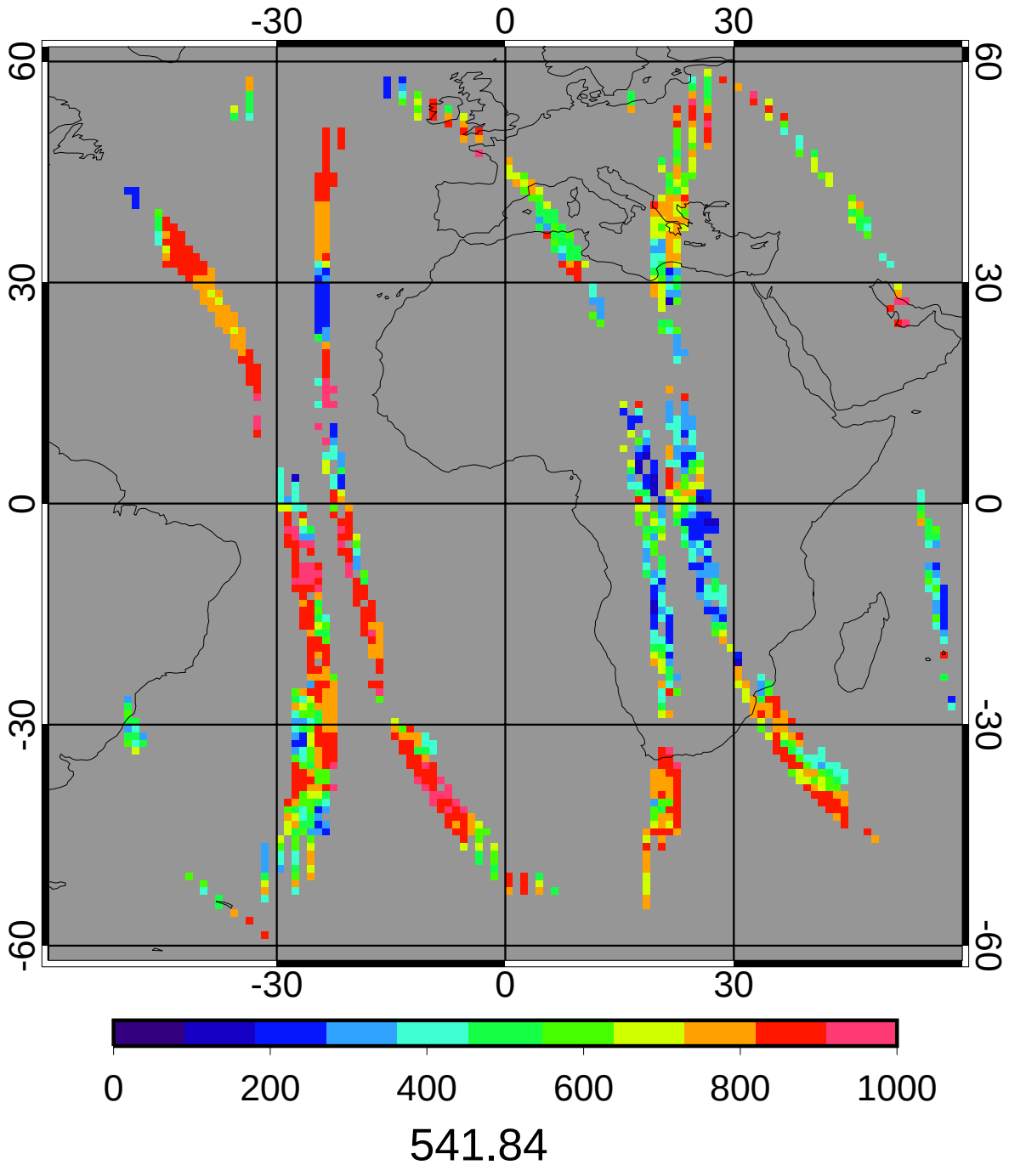
5ch_39cal Oct 2010 (matched angle)



regave rms	5.84	2.33%
domain rms	9.79	3.91%

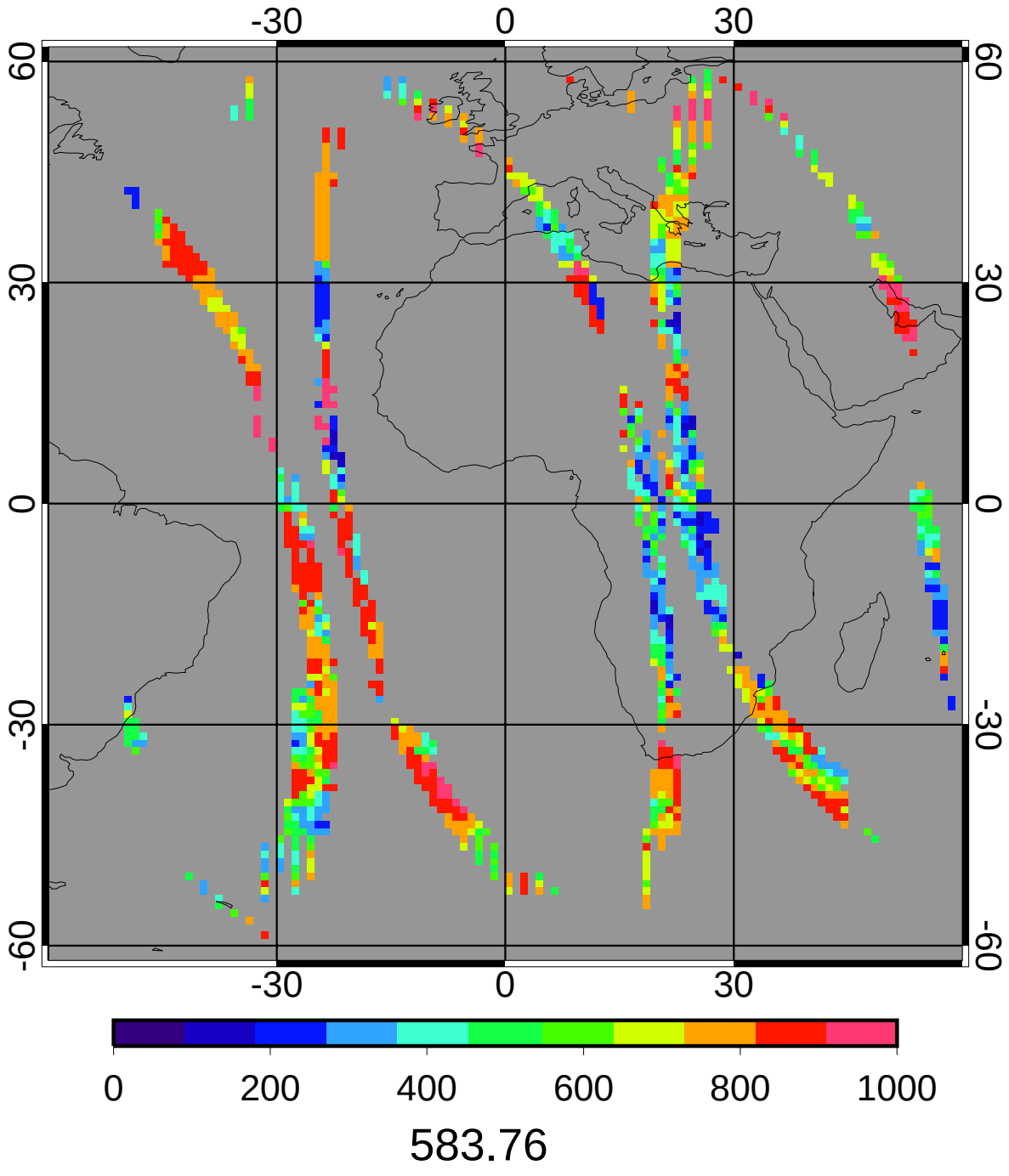
GGEO MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



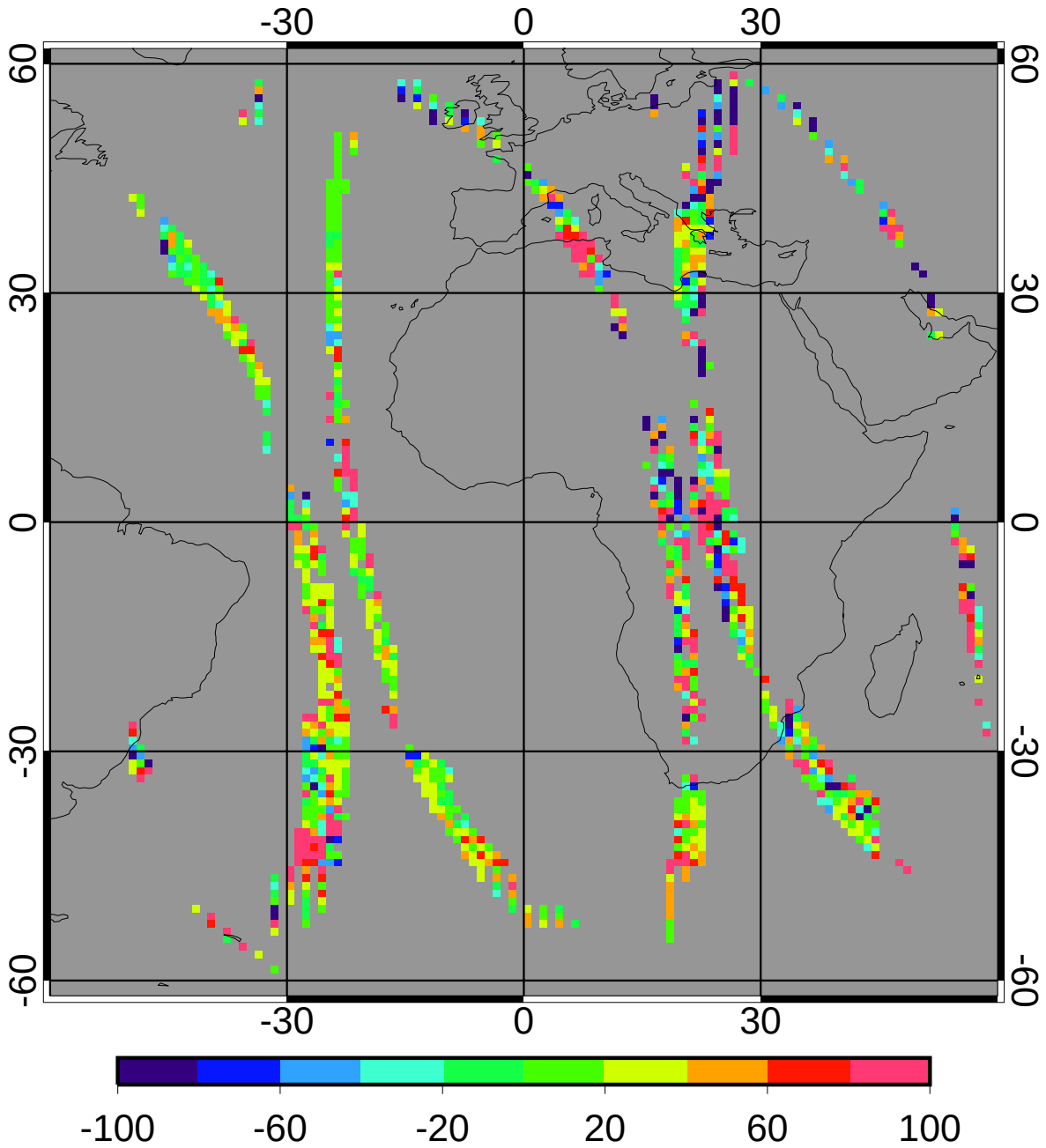
CERES MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Cloud Eff Pressure (mb) Bias

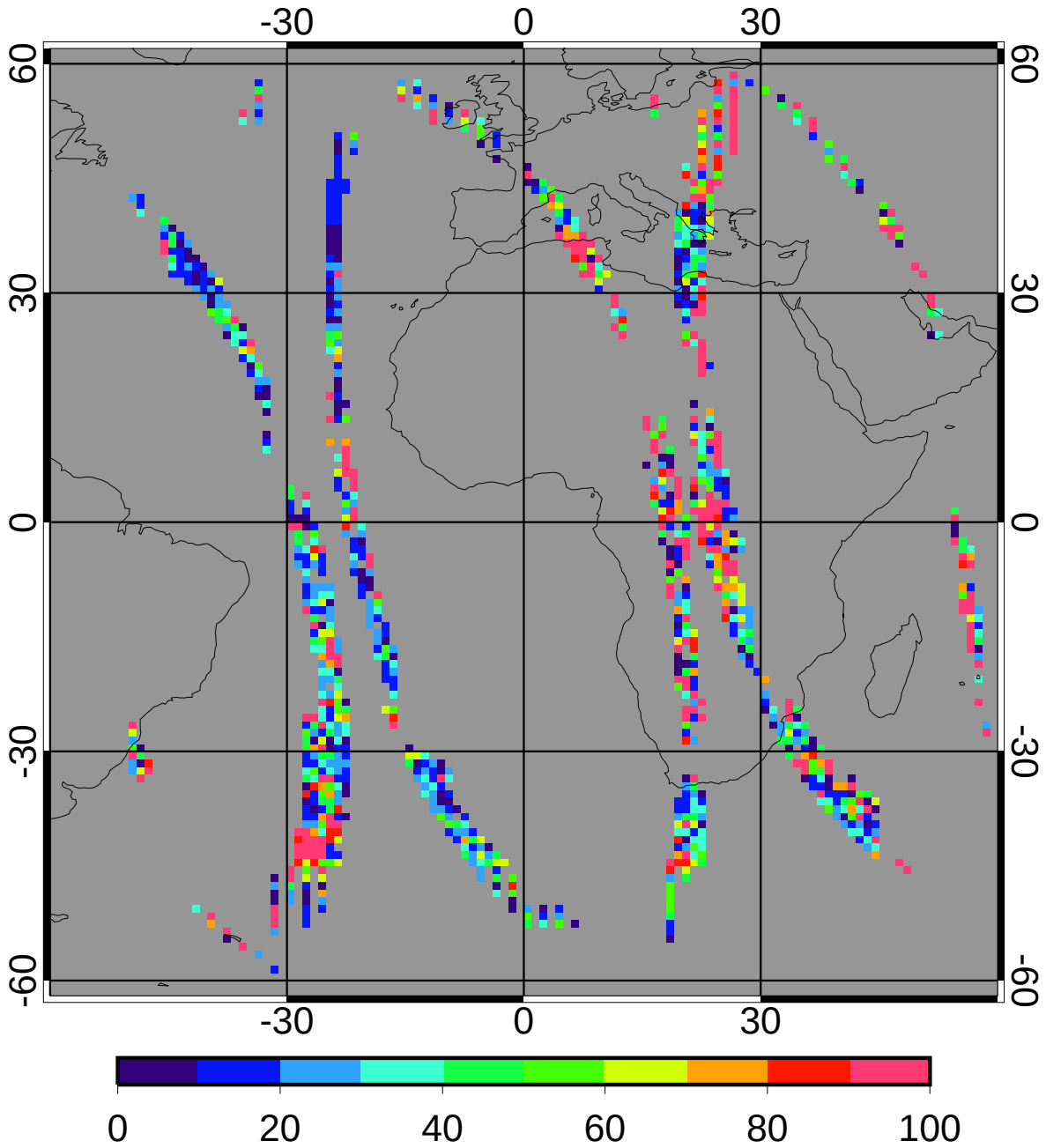
5ch_39cal Oct 2010 (matched angle)



bias	21.85	3.74%
domain sigma	74.18	12.71%

GGEO - CERES Nighttime Cloud Eff Pressure (mb) RMS

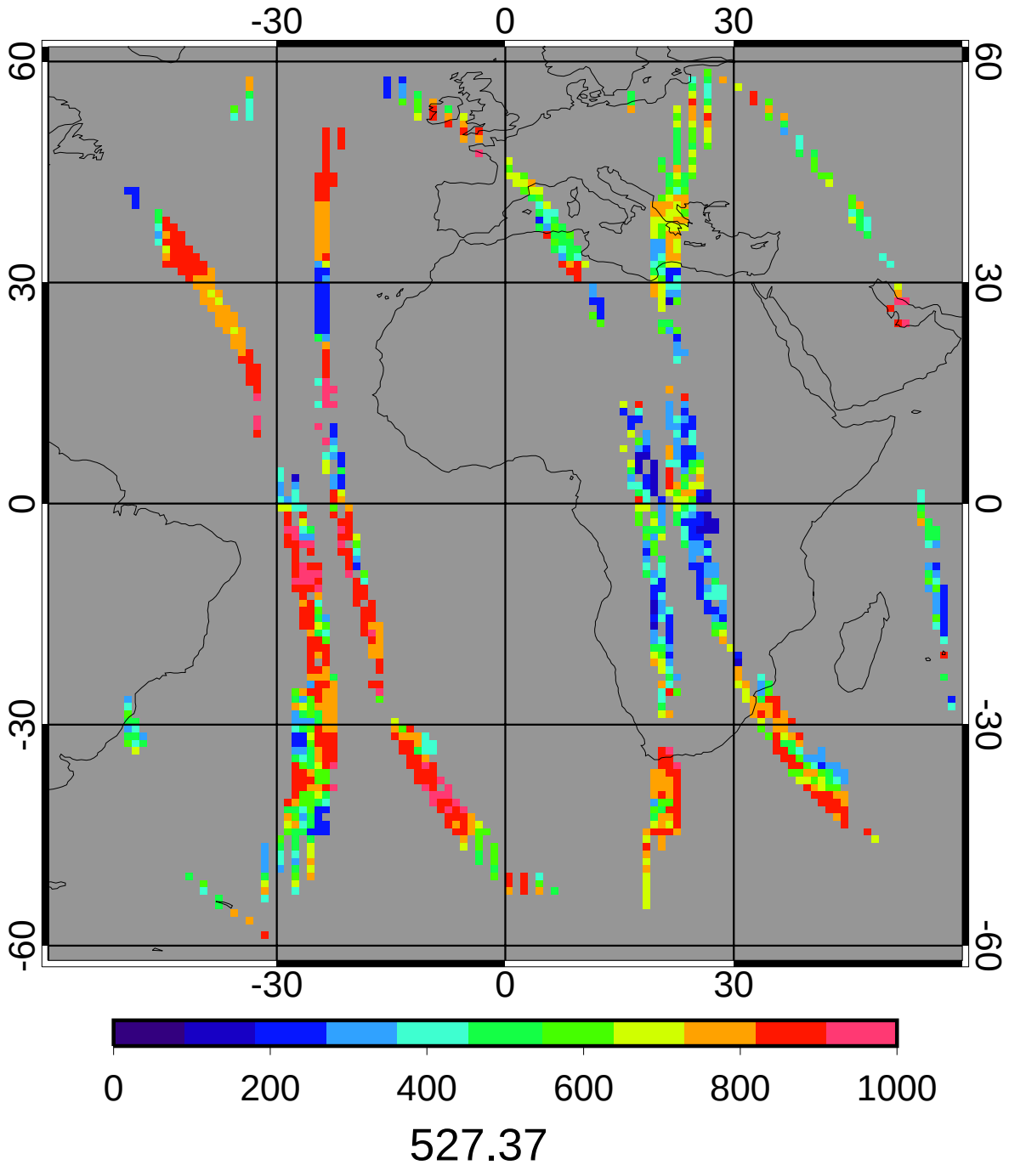
5ch_39cal Oct 2010 (matched angle)



regave rms	52.43	8.98%
domain rms	83.17	14.25%

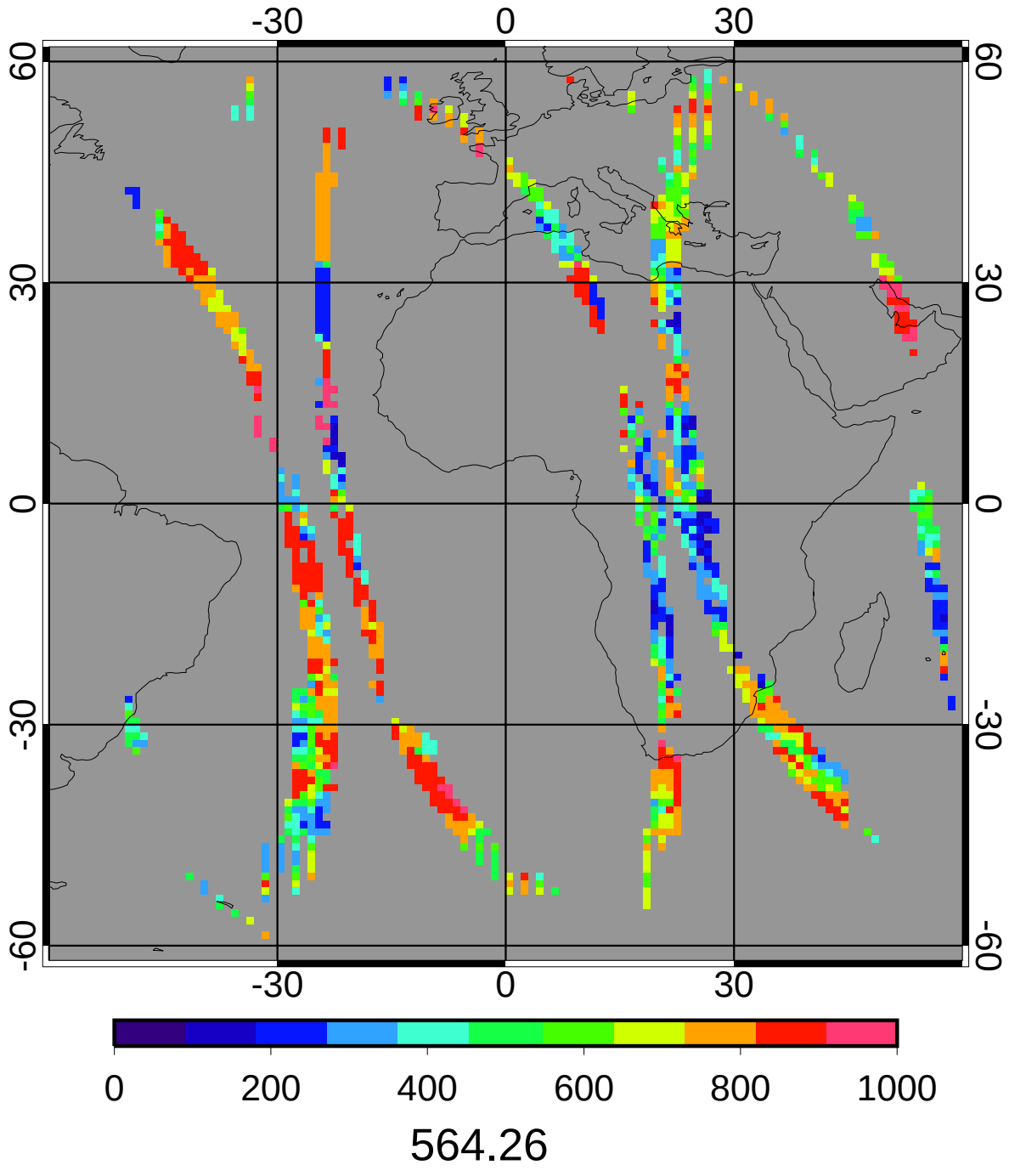
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



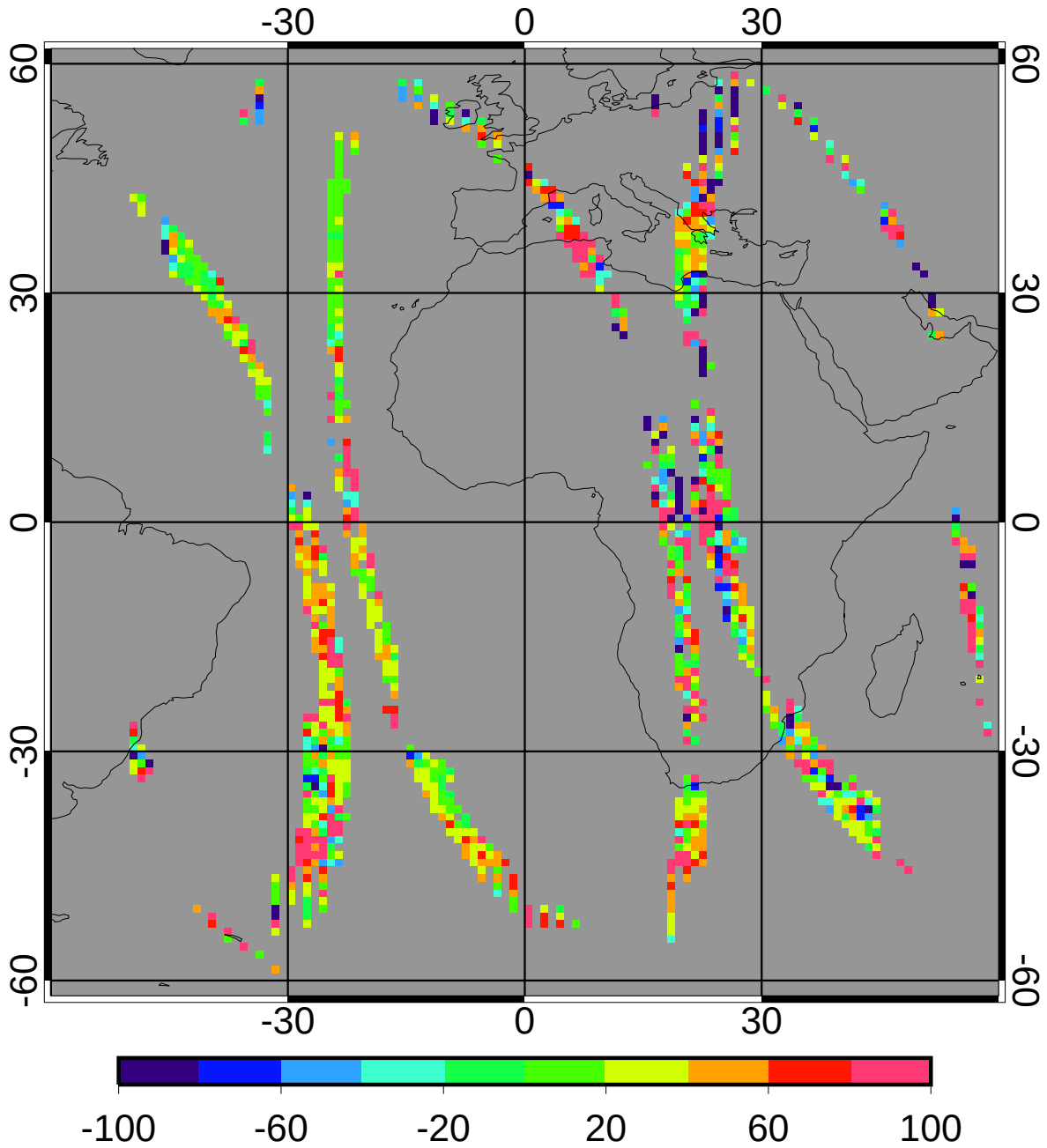
CERES MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Cloud Top Pressure (mb) Bias

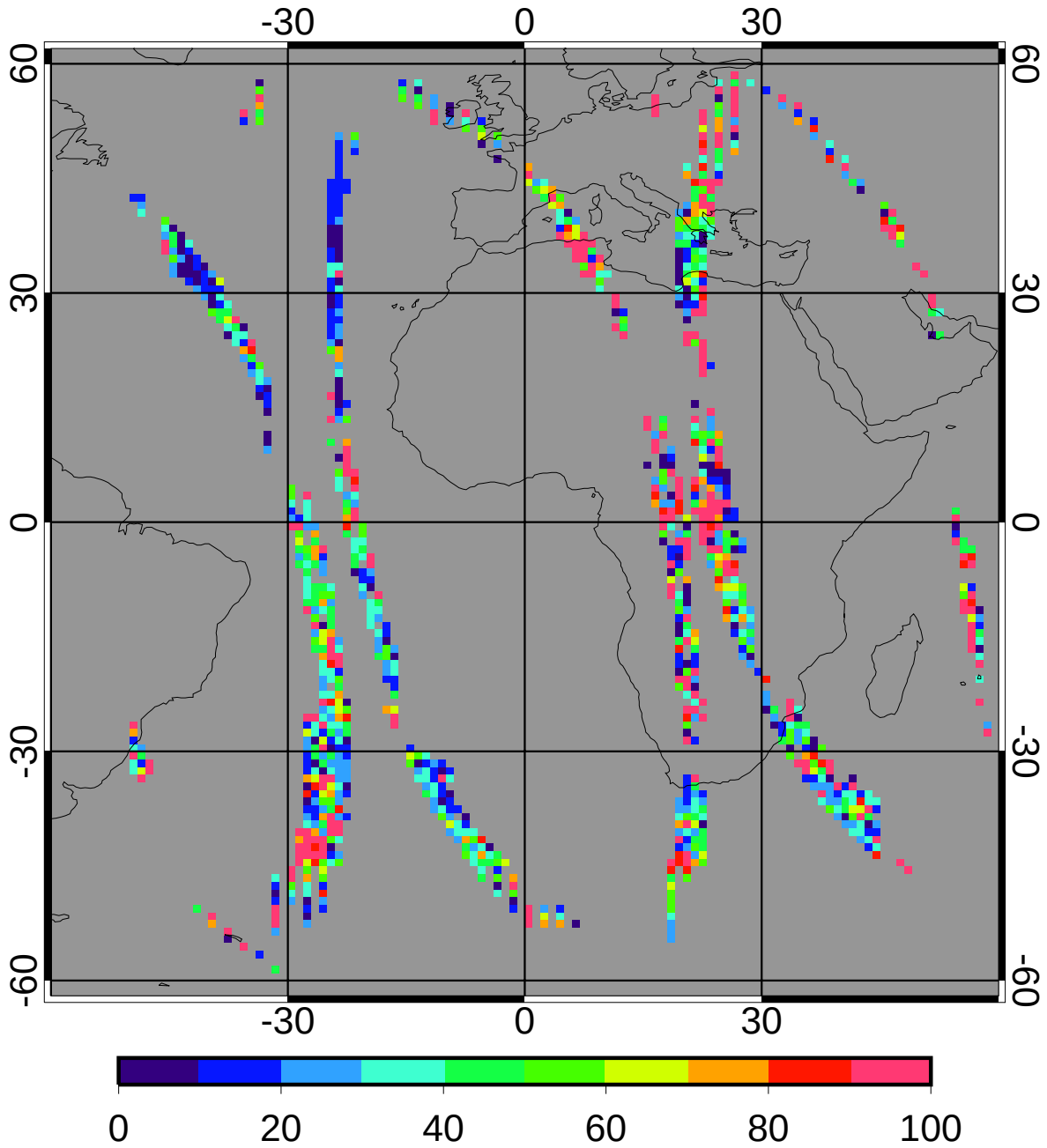
5ch_39cal Oct 2010 (matched angle)



bias	26.29	4.66%
domain sigma	74.45	13.19%

GGEO - CERES Nighttime Cloud Top Pressure (mb) RMS

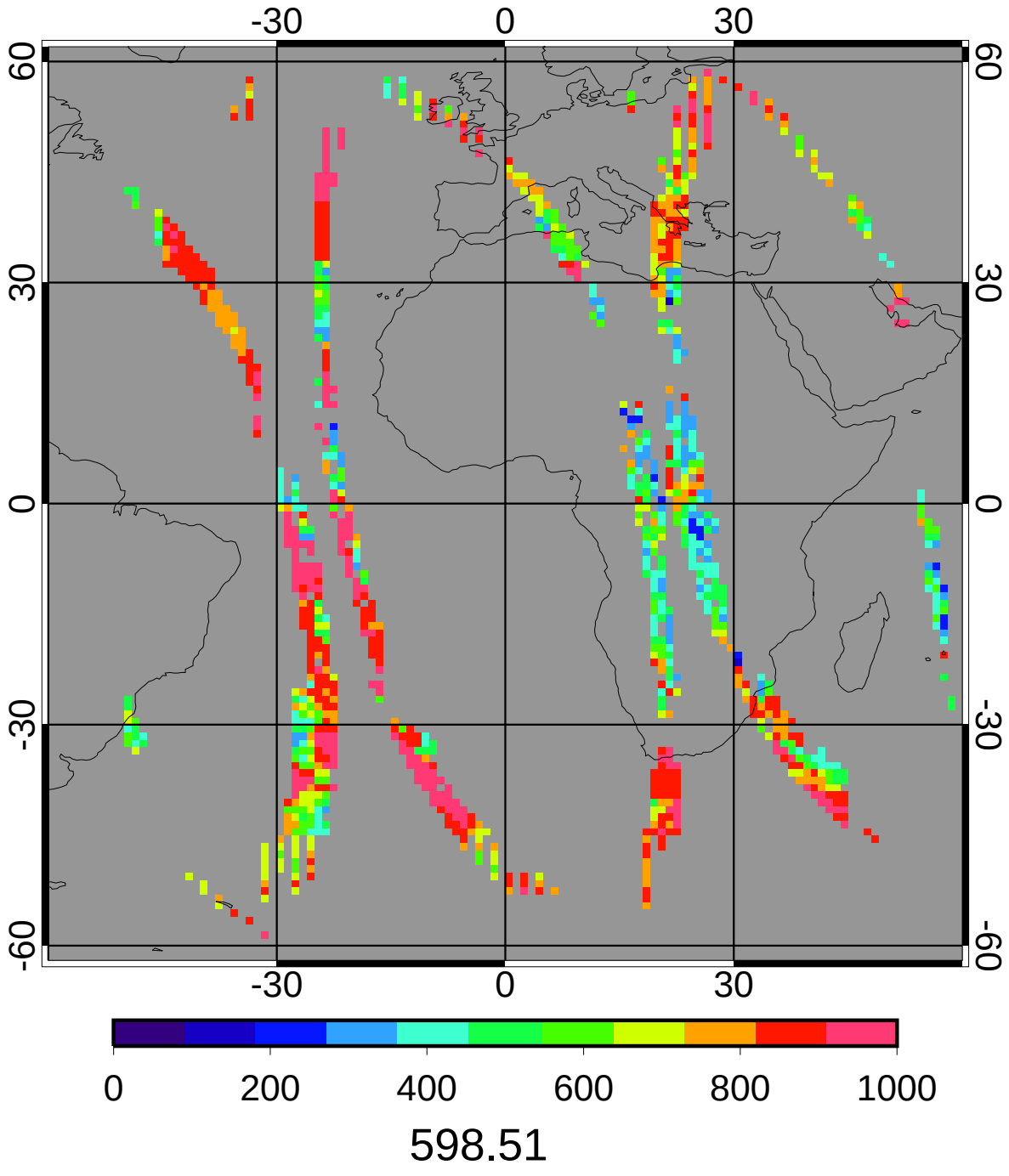
5ch_39cal Oct 2010 (matched angle)



regave rms	54.76	9.70%
domain rms	84.72	15.01%

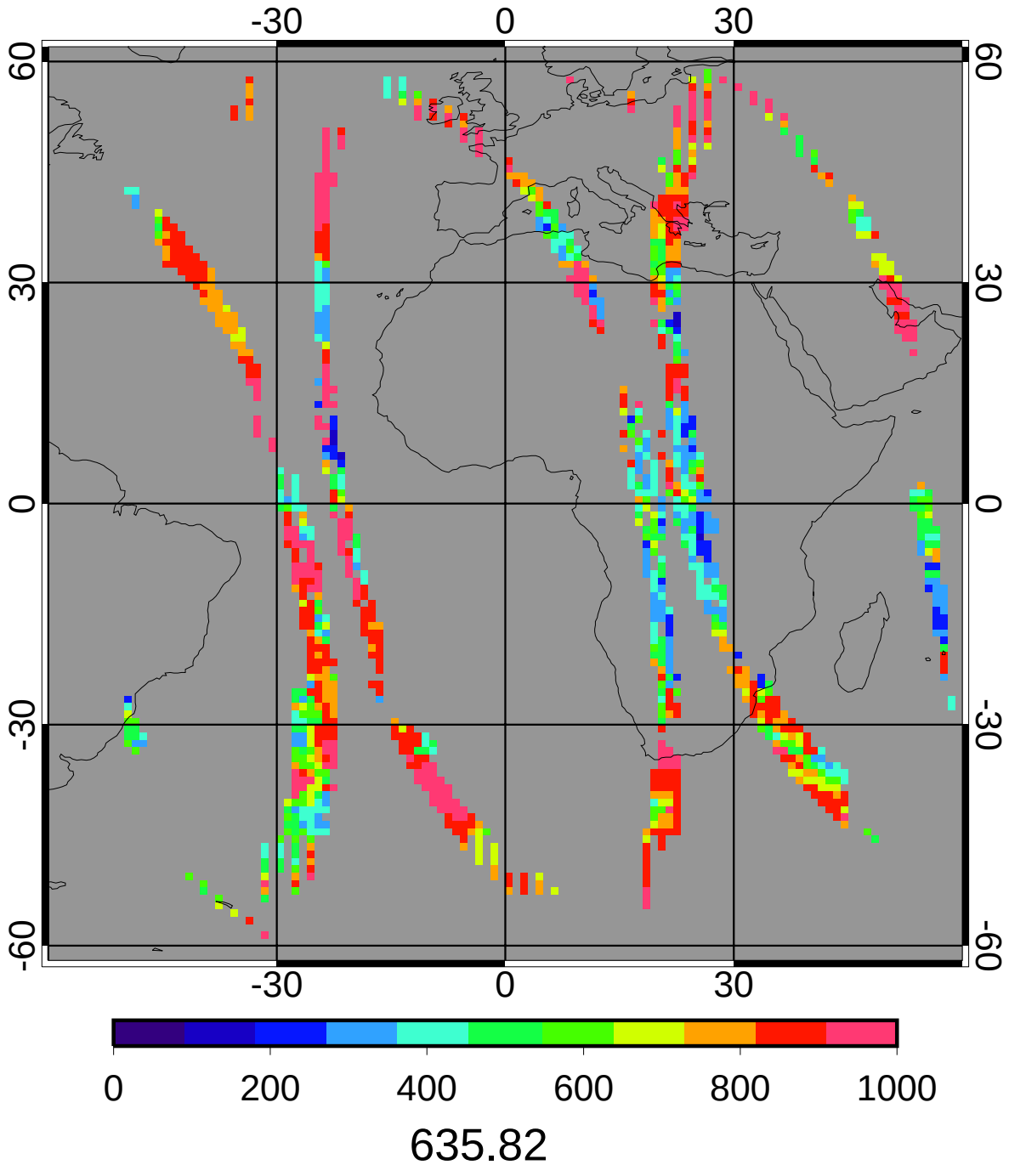
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



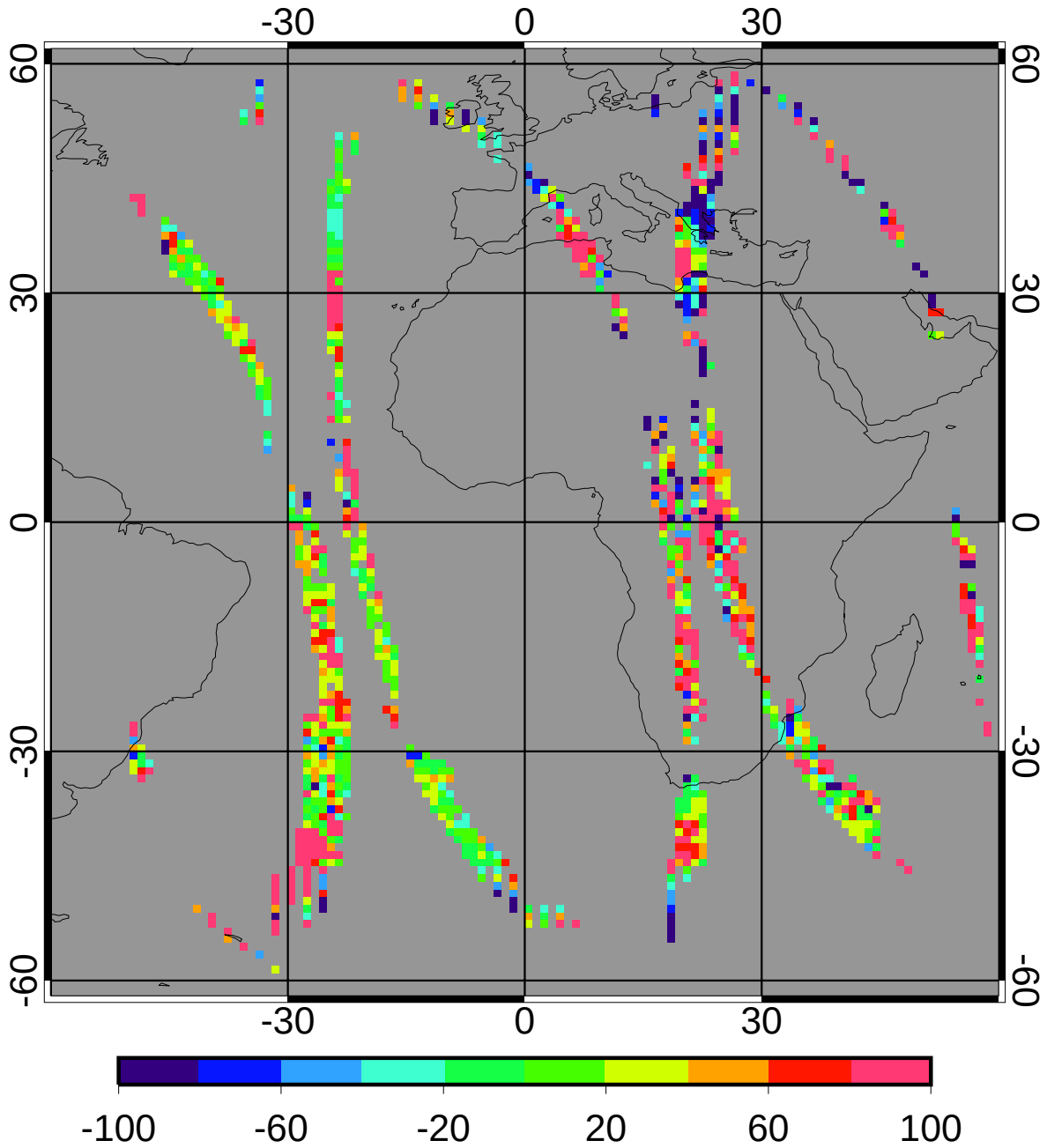
CERES MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Cloud Base Pressure (mb) Bias

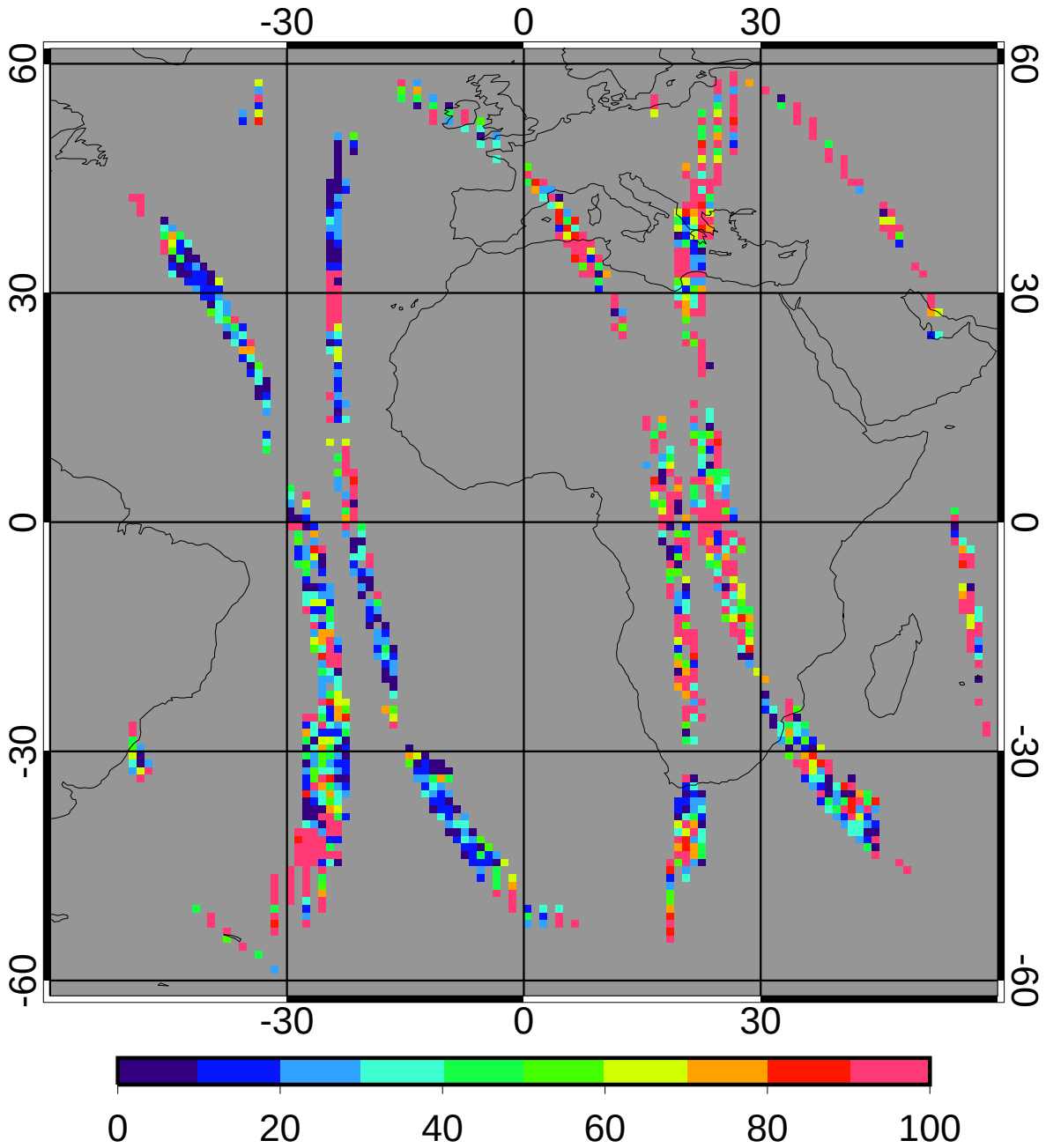
5ch_39cal Oct 2010 (matched angle)



bias	30.10	4.73%
domain sigma	85.60	13.46%

GGEO - CERES Nighttime Cloud Base Pressure (mb) RMS

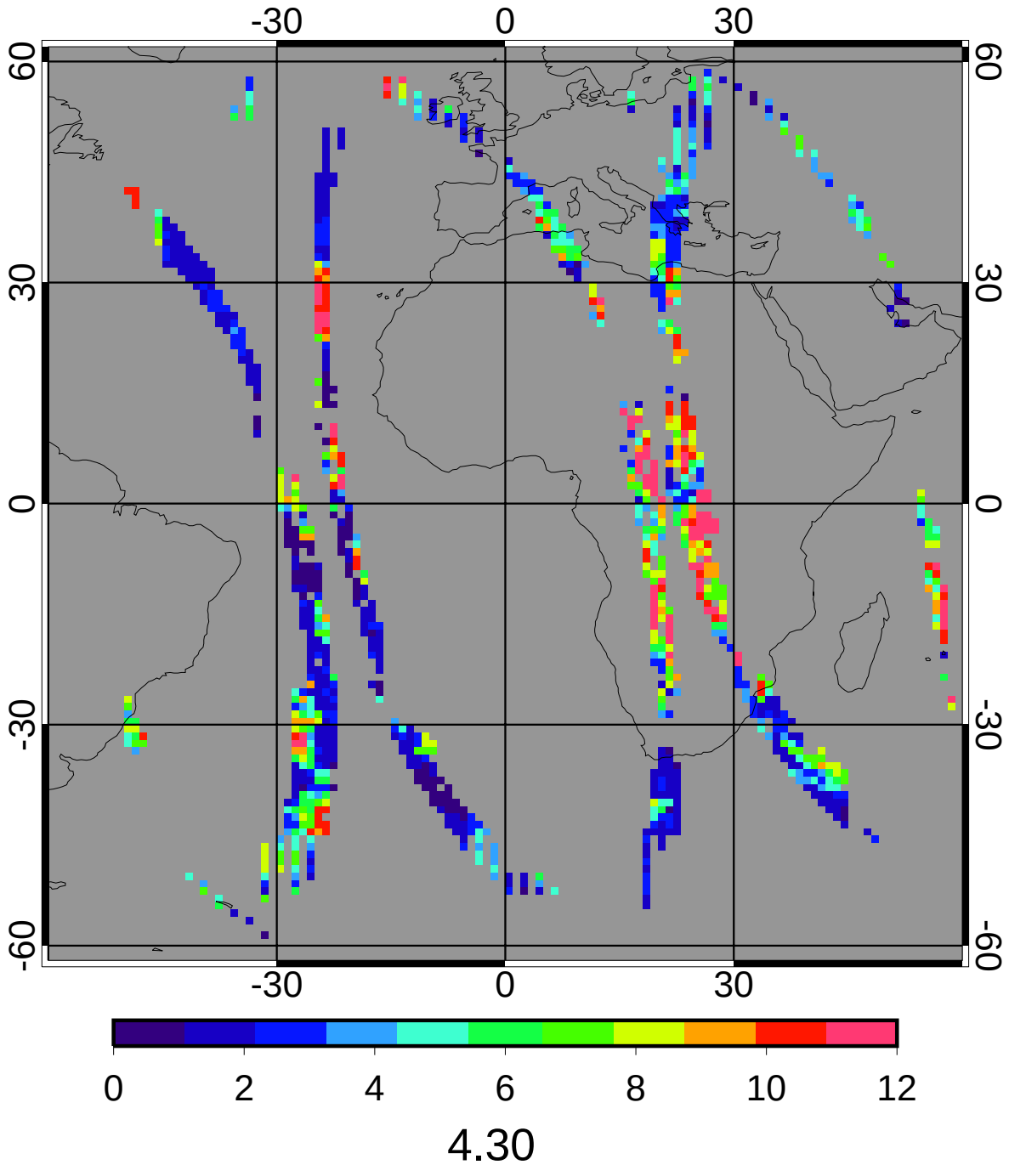
5ch_39cal Oct 2010 (matched angle)



regave rms	64.67	10.17%
domain rms	97.14	15.28%

GGEO MEAN Nighttime Cloud Eff Height (km)

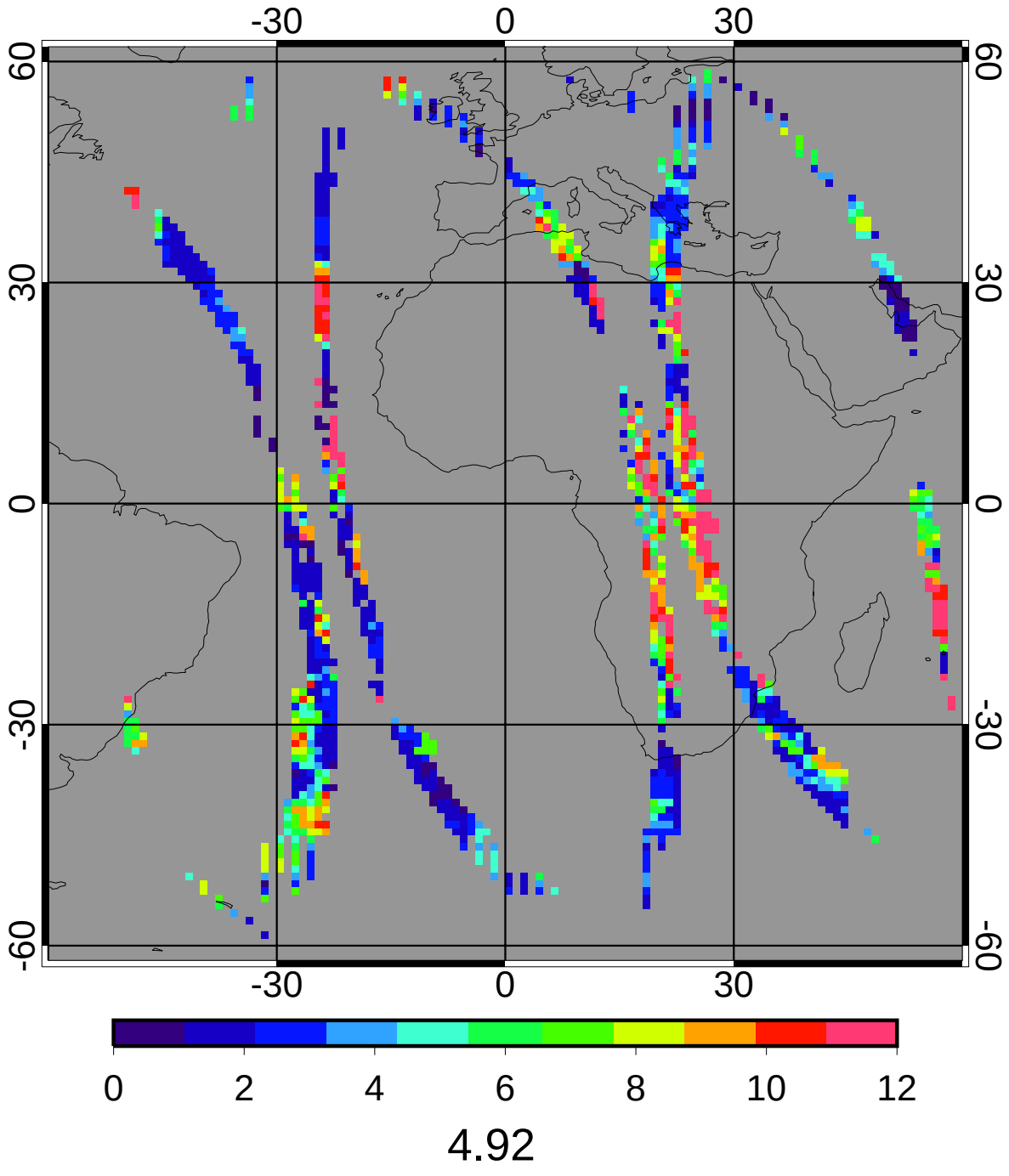
5ch_39cal Oct 2010 (matched angle)



4.30

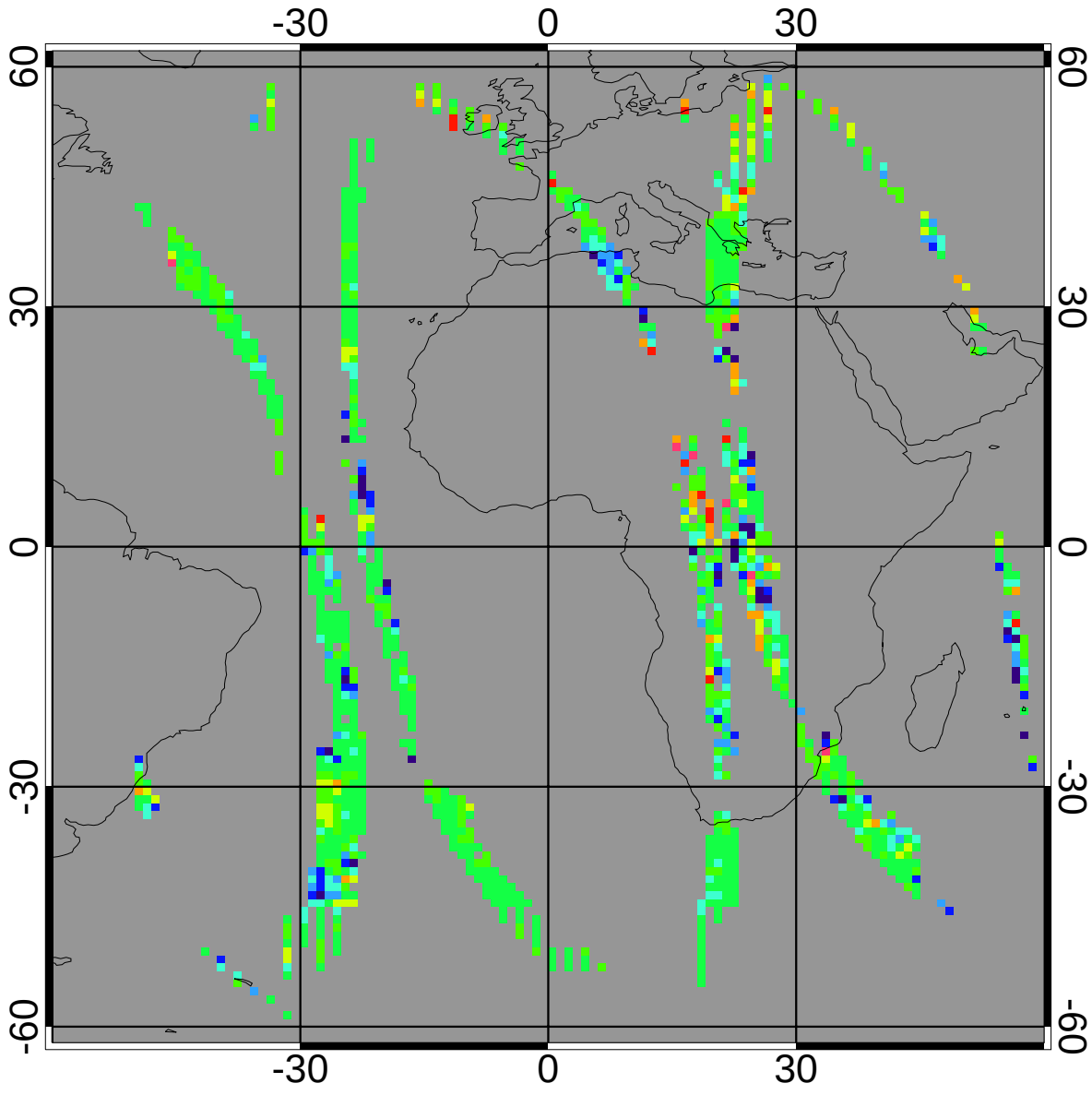
CERES MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Cloud Eff Height (km) Bias

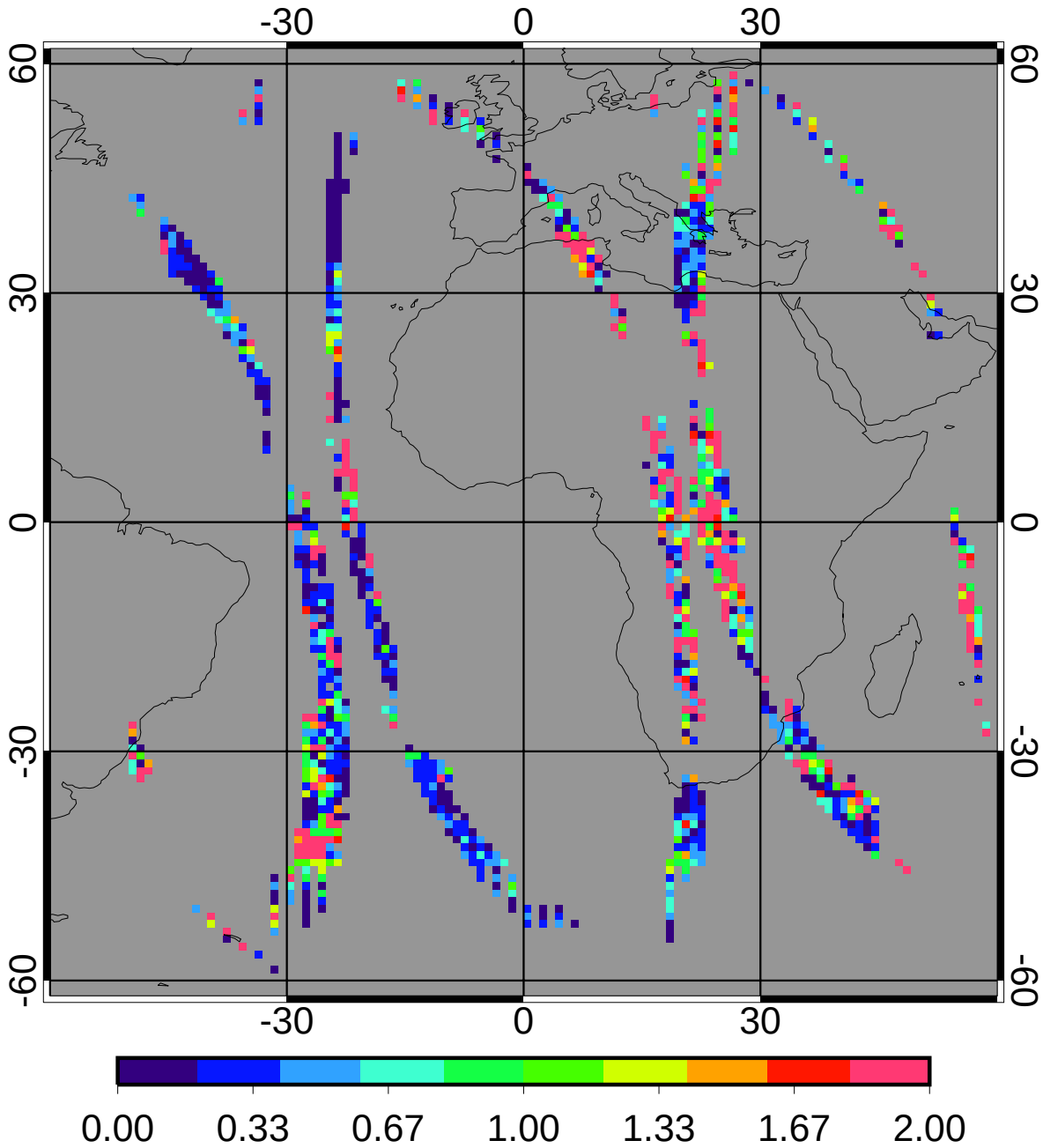
5ch_39cal Oct 2010 (matched angle)



bias	-0.37	-7.51%
domain sigma	1.40	28.46%

GGEO - CERES Nighttime Cloud Eff Height (km) RMS

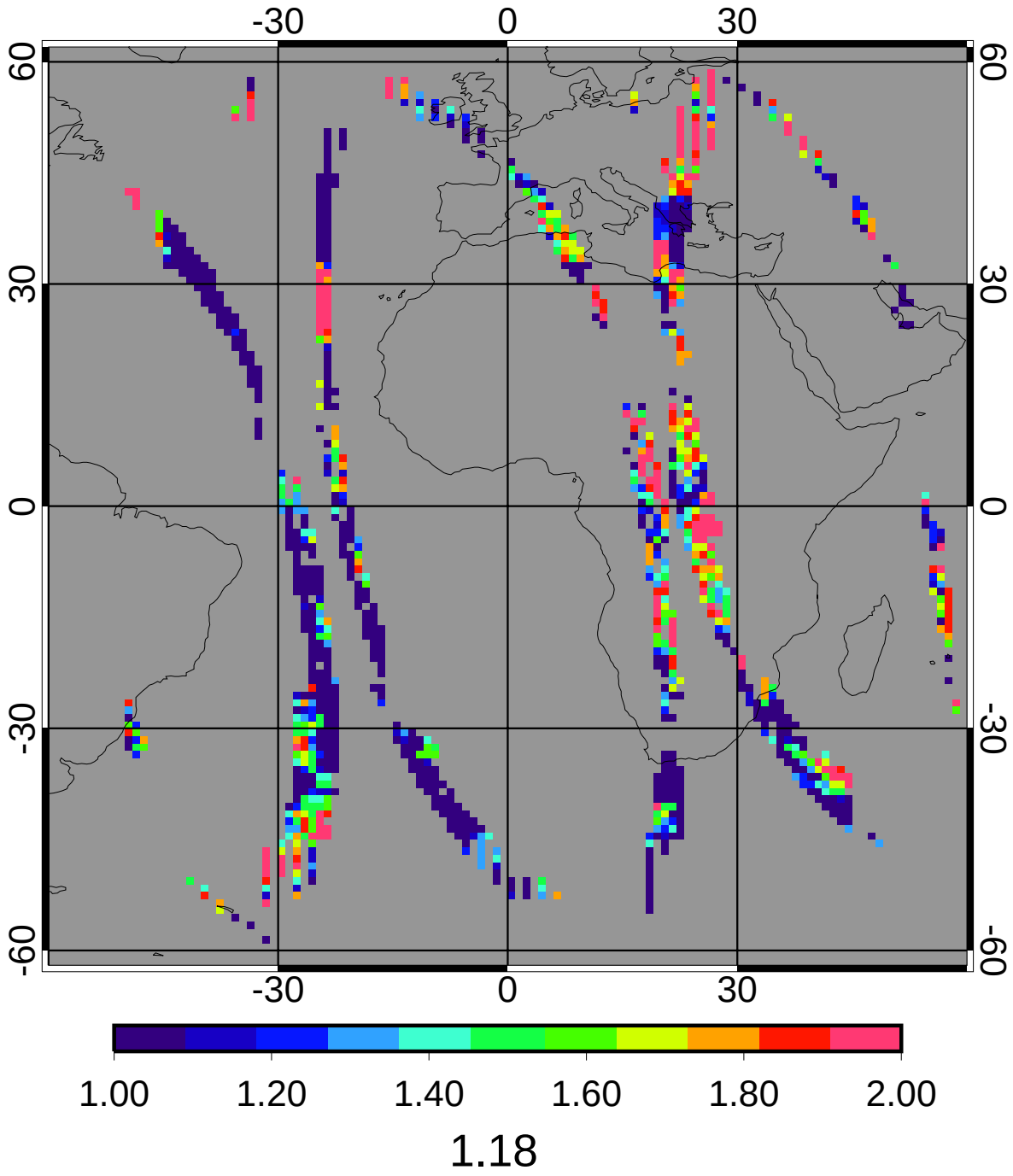
5ch_39cal Oct 2010 (matched angle)



regave rms	0.92	18.65%
domain rms	1.51	30.76%

GGEO MEAN Nighttime Cloud Phase

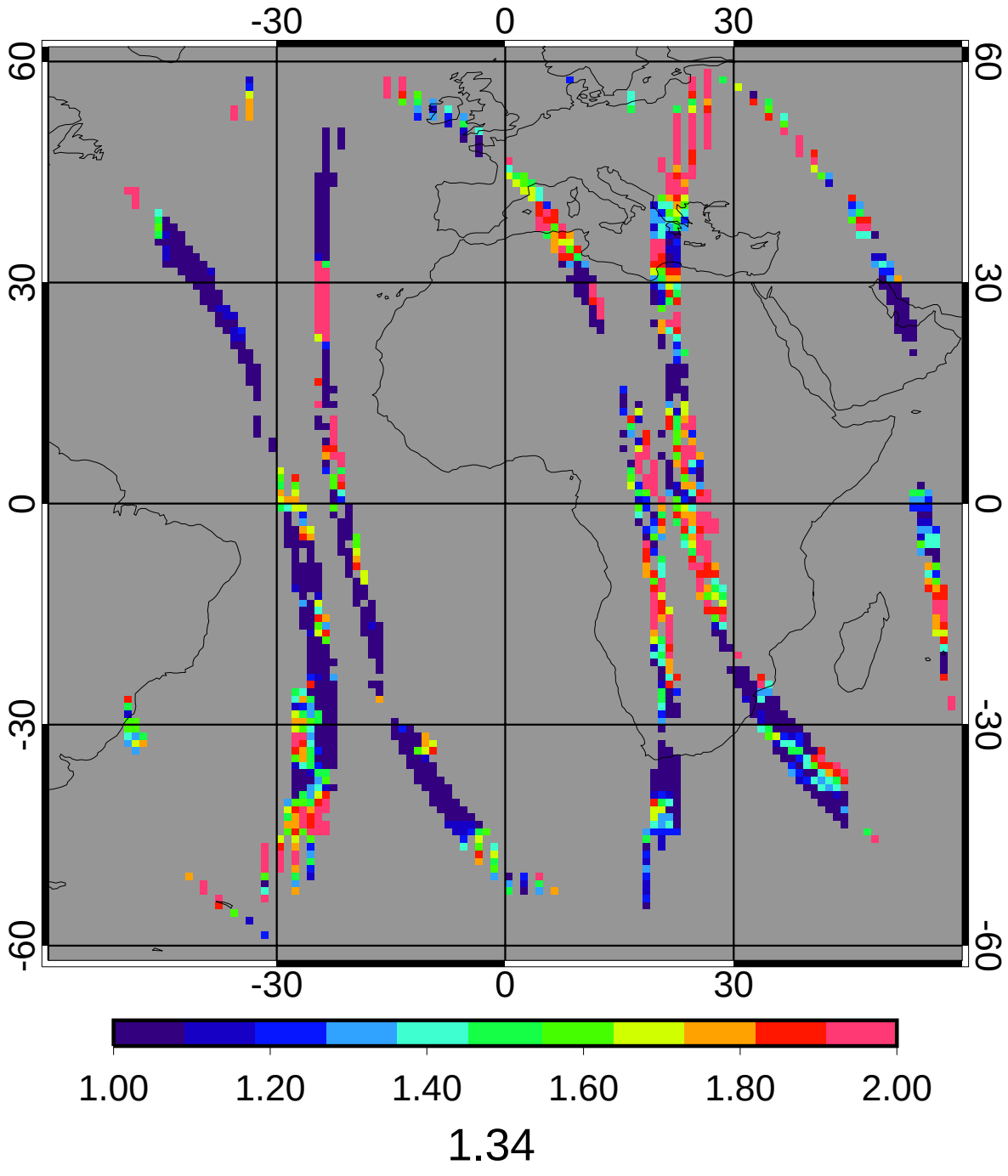
5ch_39cal Oct 2010 (matched angle)



1.18

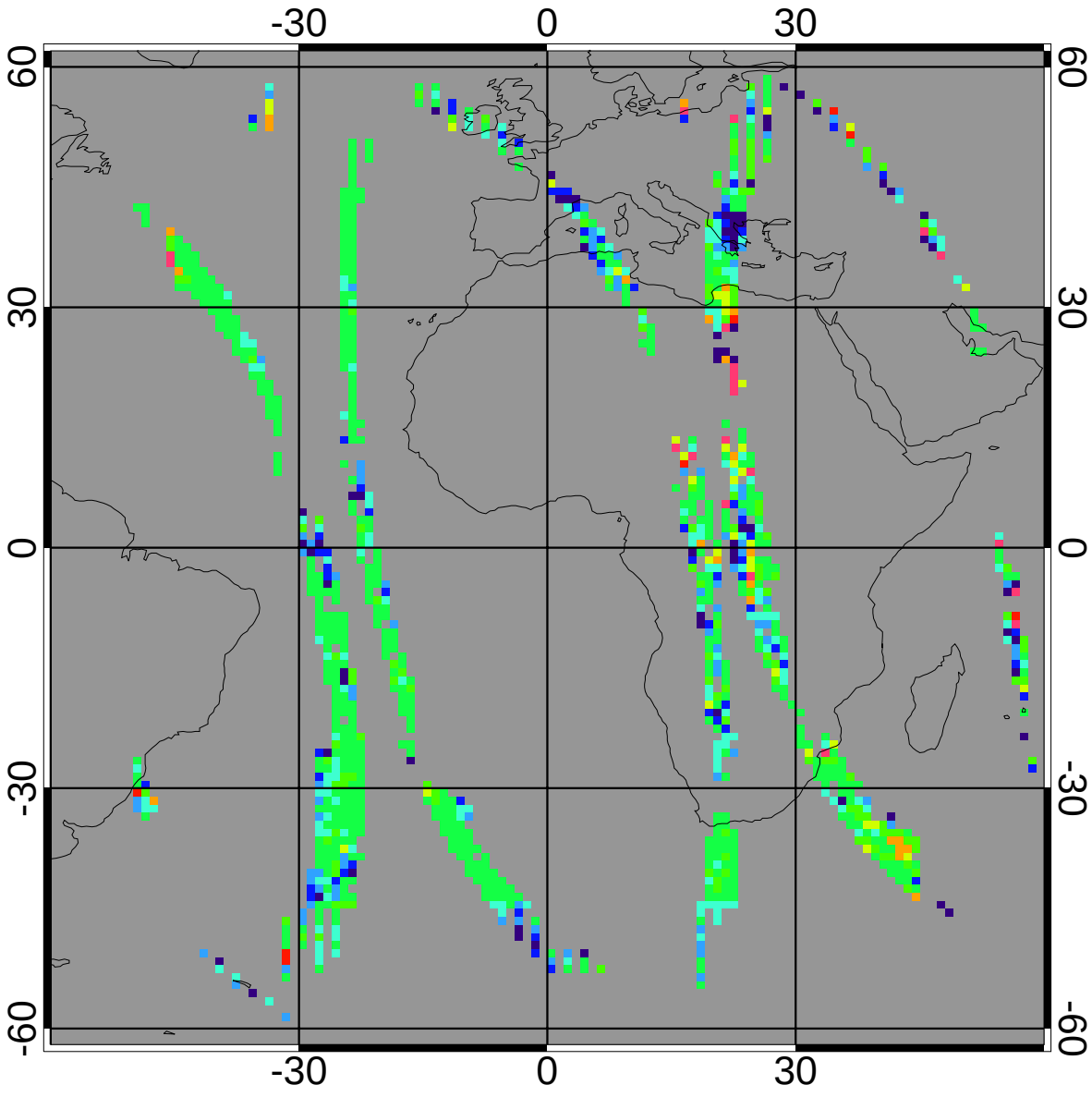
CERES MEAN Nighttime Cloud Phase

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Cloud Phase Bias

5ch_39cal Oct 2010 (matched angle)

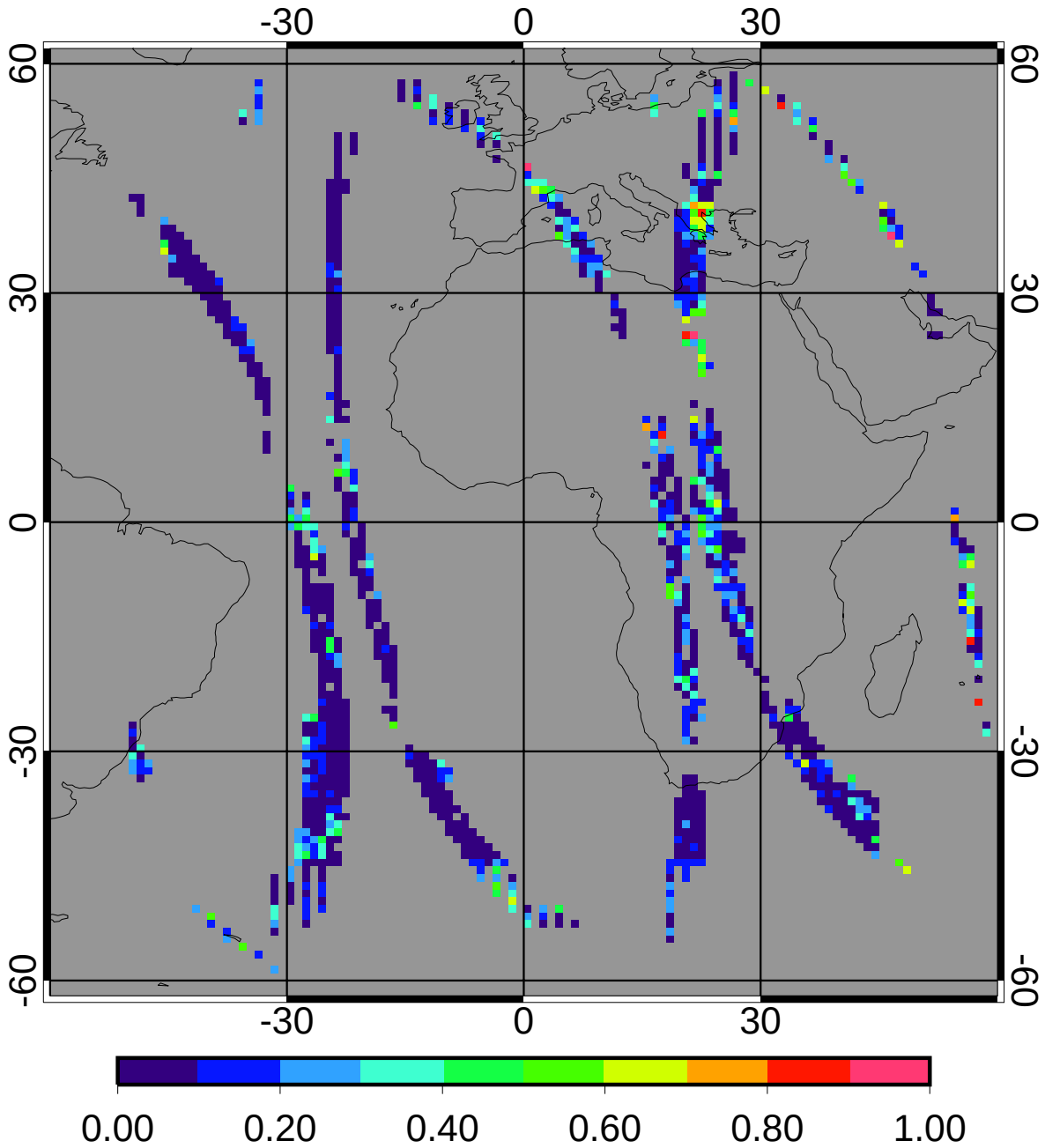


-0.50 -0.30 -0.10 0.10 0.30 0.50

bias	-0.07	-4.87%
domain sigma	0.16	12.26%

GGEO - CERES Nighttime Cloud Phase RMS

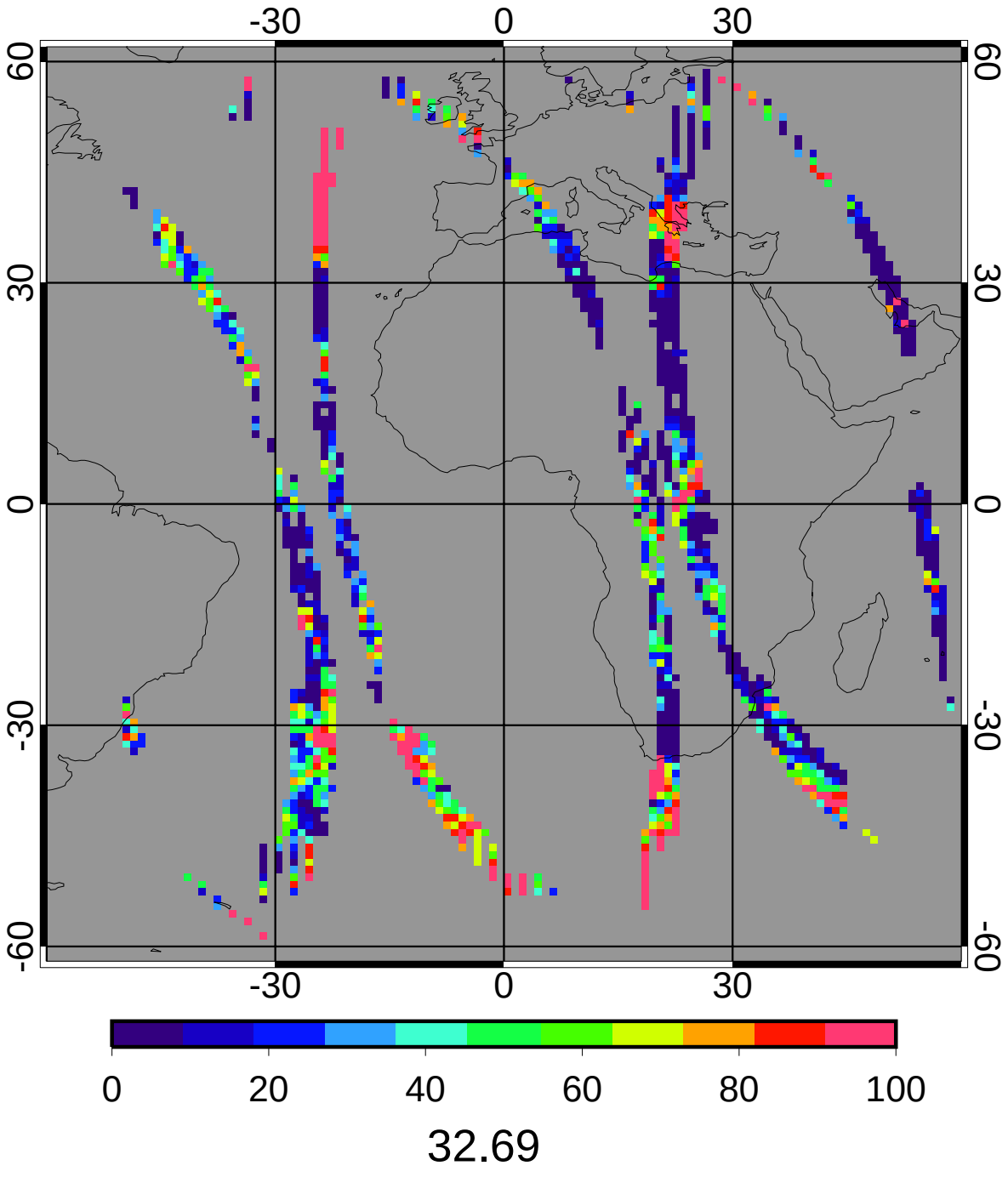
5ch_39cal Oct 2010 (matched angle)



regave rms	0.11	8.19%
domain rms	0.19	14.17%

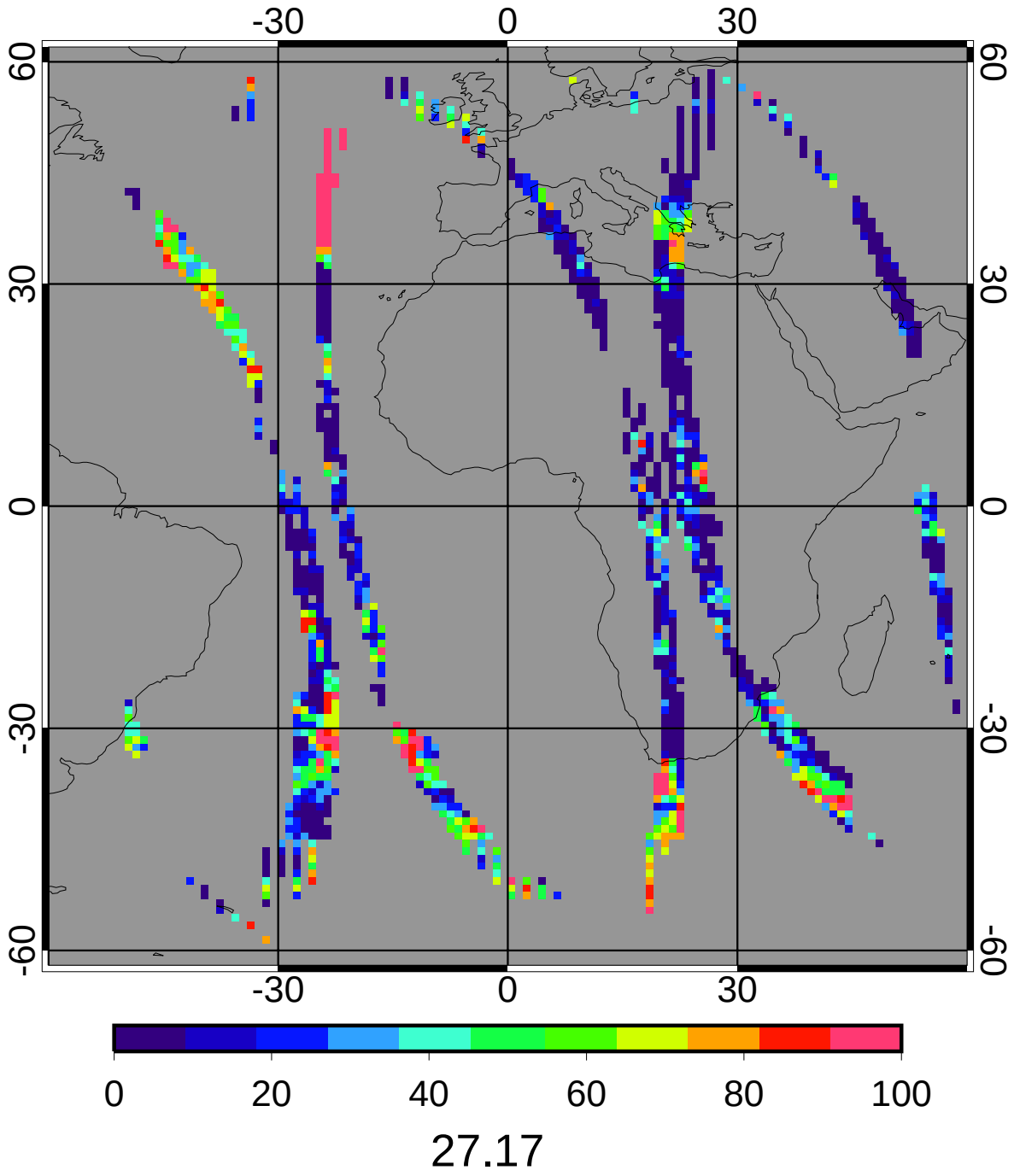
GGEO MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



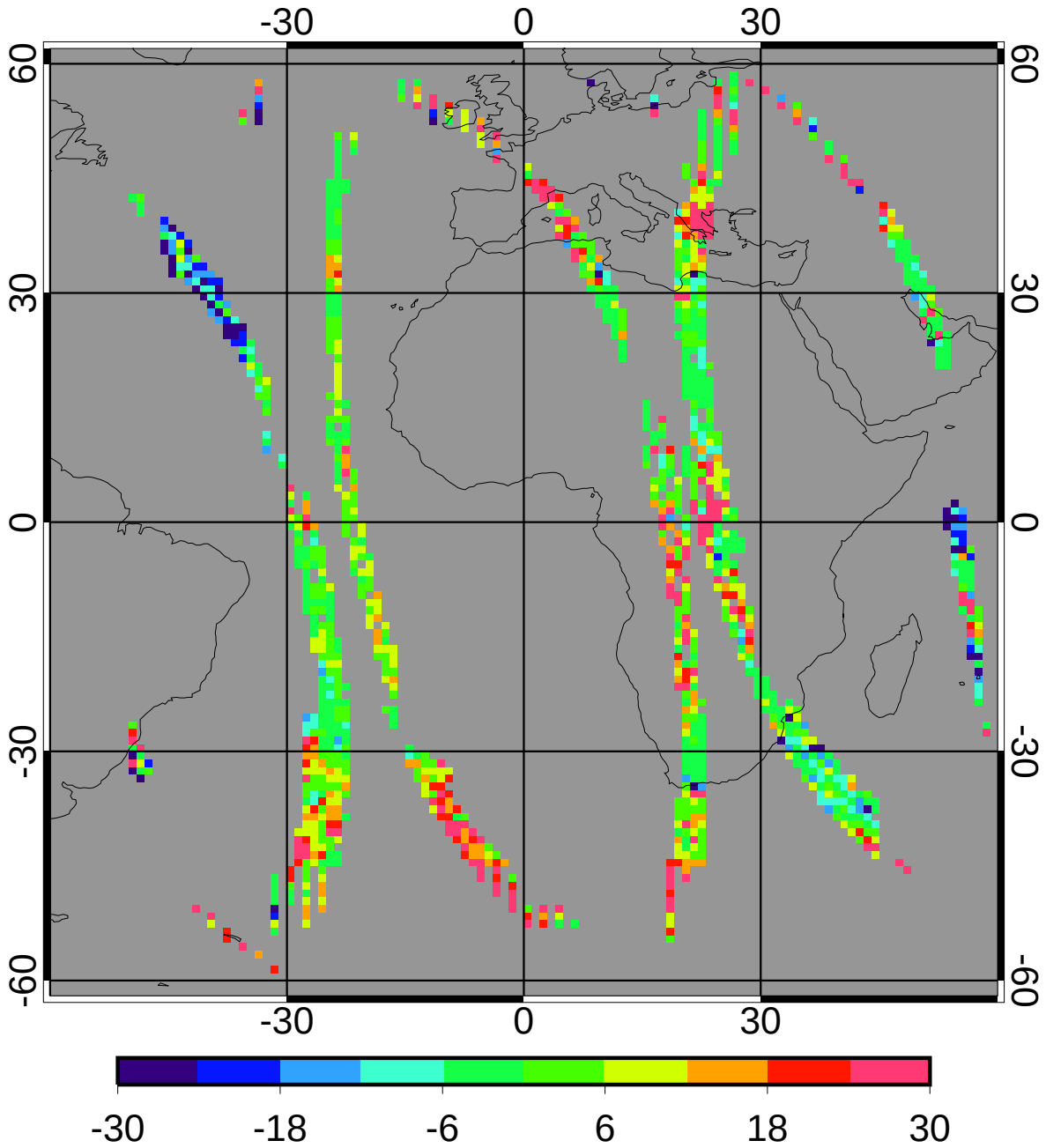
CERES MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Liquid Cld Amt (%) Bias

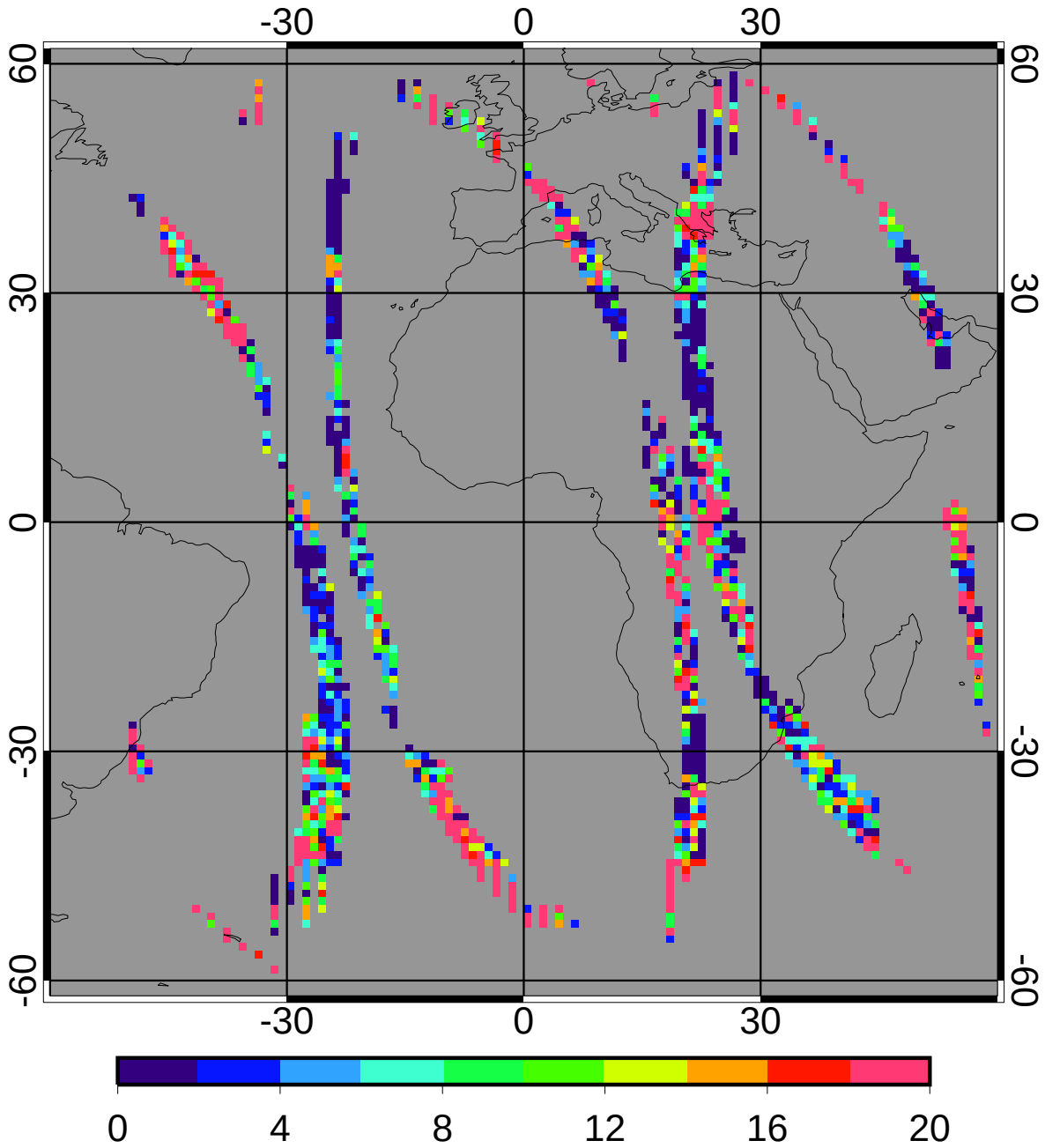
5ch_39cal Oct 2010 (matched angle)



bias	5.52	20.32%
domain sigma	14.92	54.90%

GGEO - CERES Nighttime Liquid Cld Amt (%) RMS

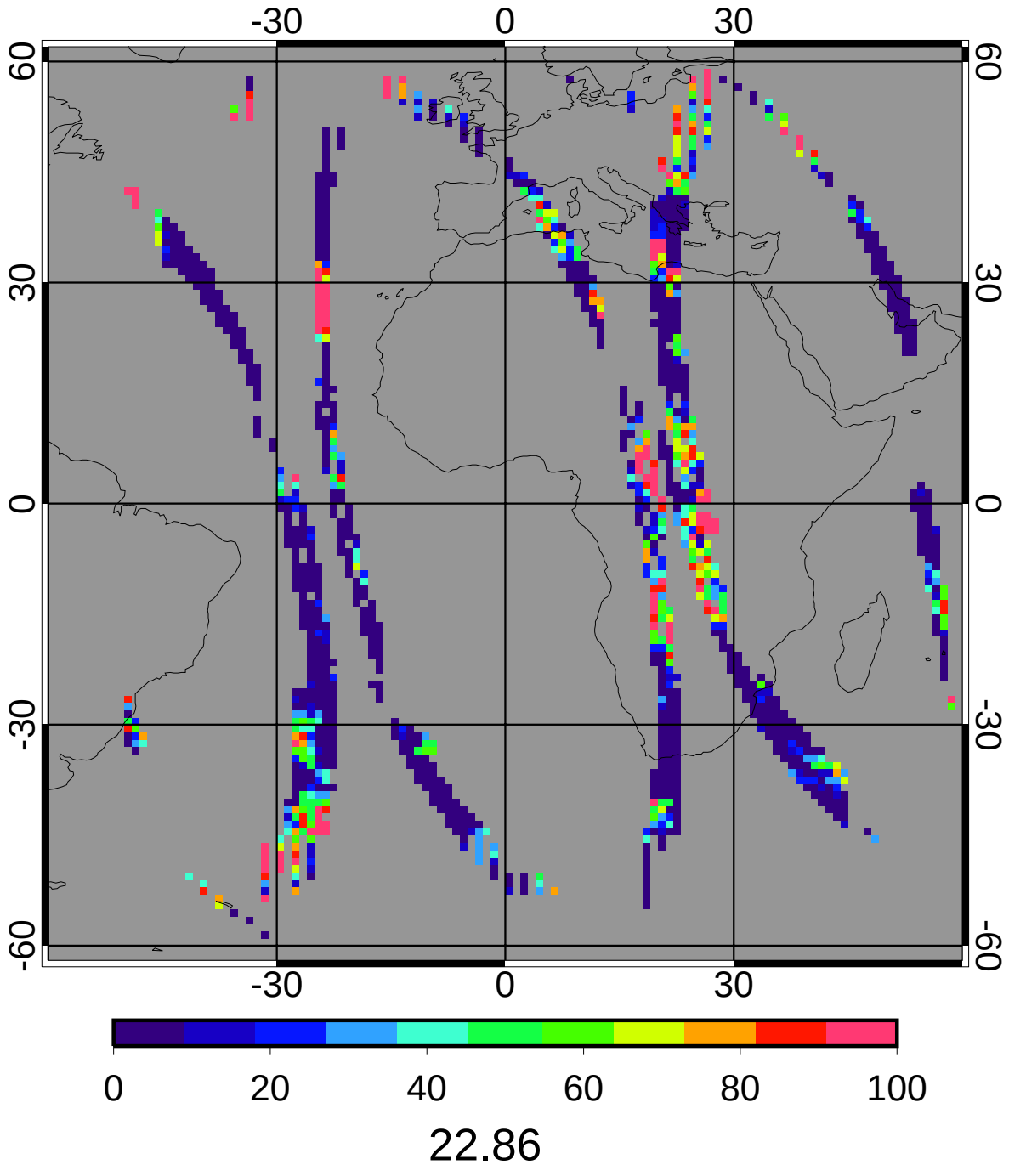
5ch_39cal Oct 2010 (matched angle)



regave rms	11.52	42.41%
domain rms	16.97	62.47%

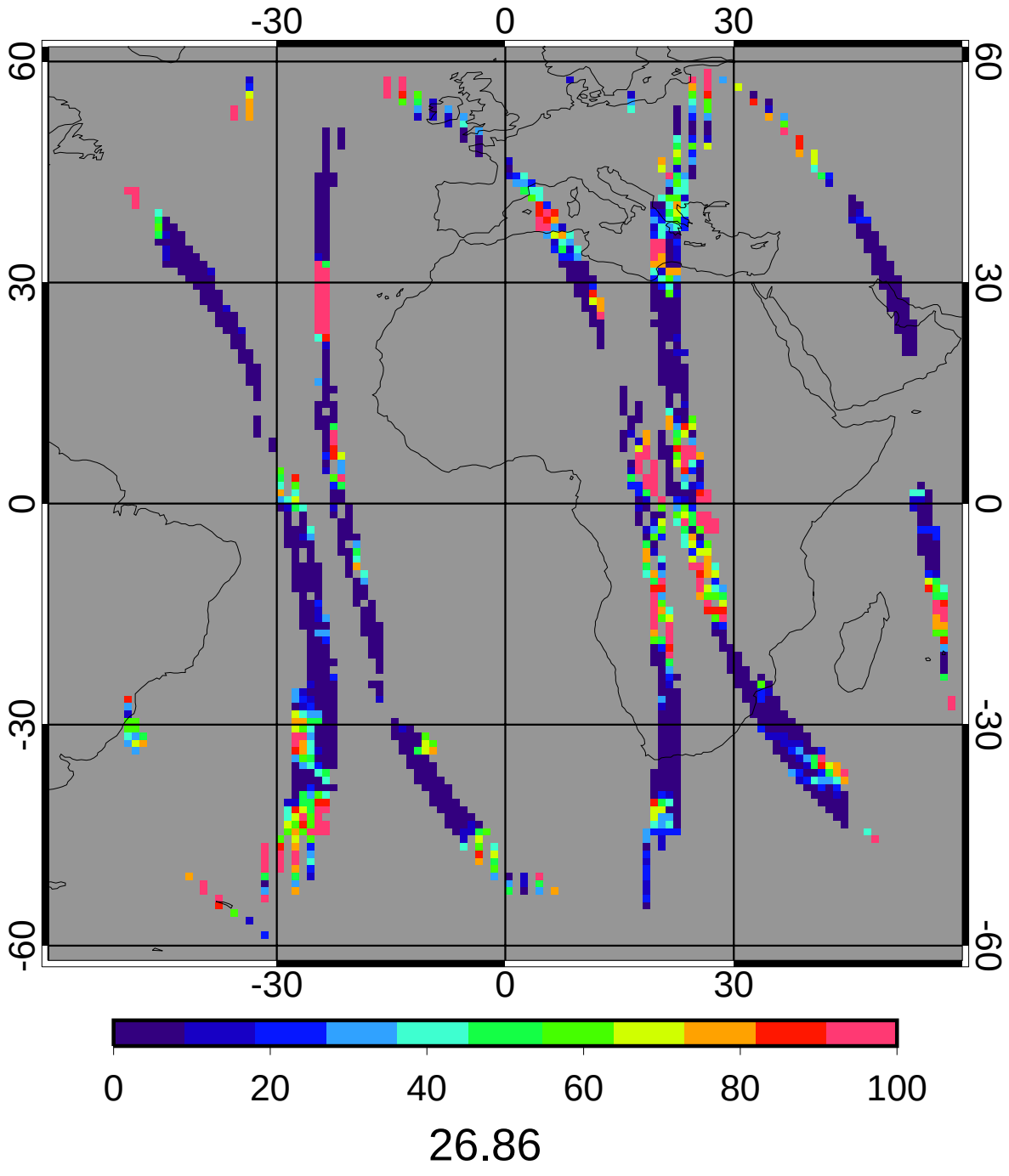
GGEO MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



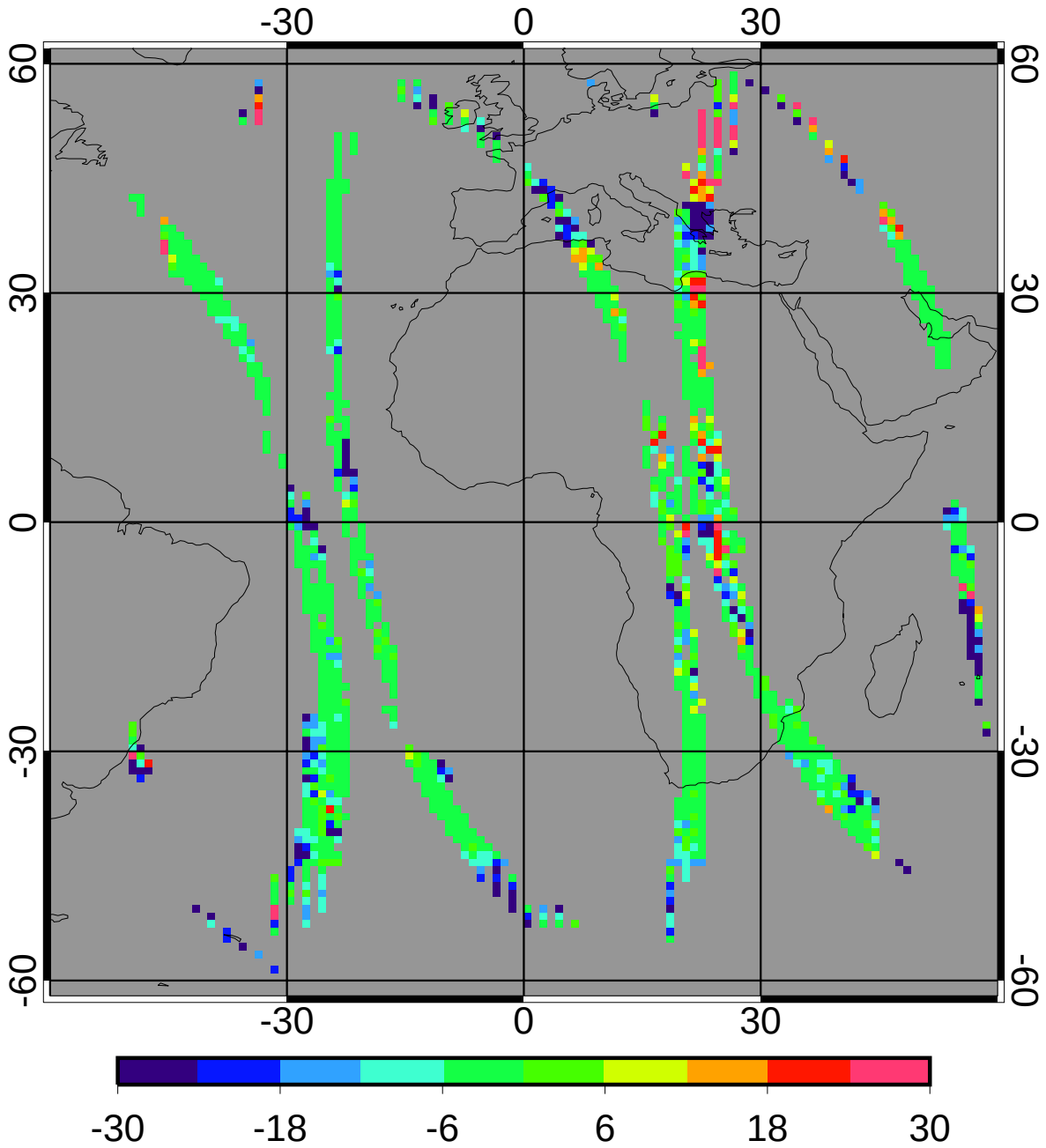
CERES MEAN Nighttime Ice Cld Amt (%)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Ice Cld Amt (%) Bias

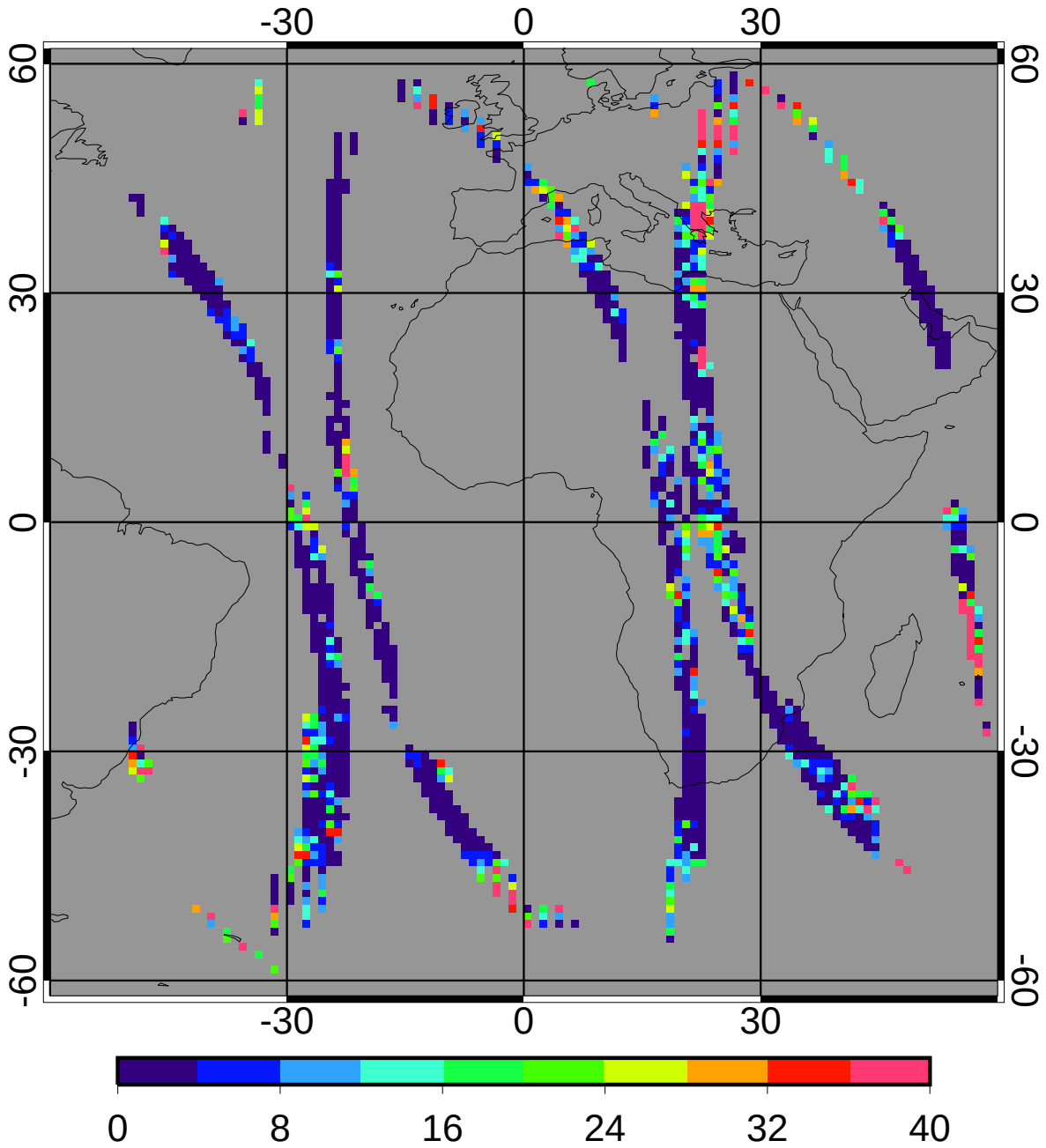
5ch_39cal Oct 2010 (matched angle)



bias	-4.01	-14.91%
domain sigma	12.27	45.67%

GGEO - CERES Nighttime Ice Cld Amt (%) RMS

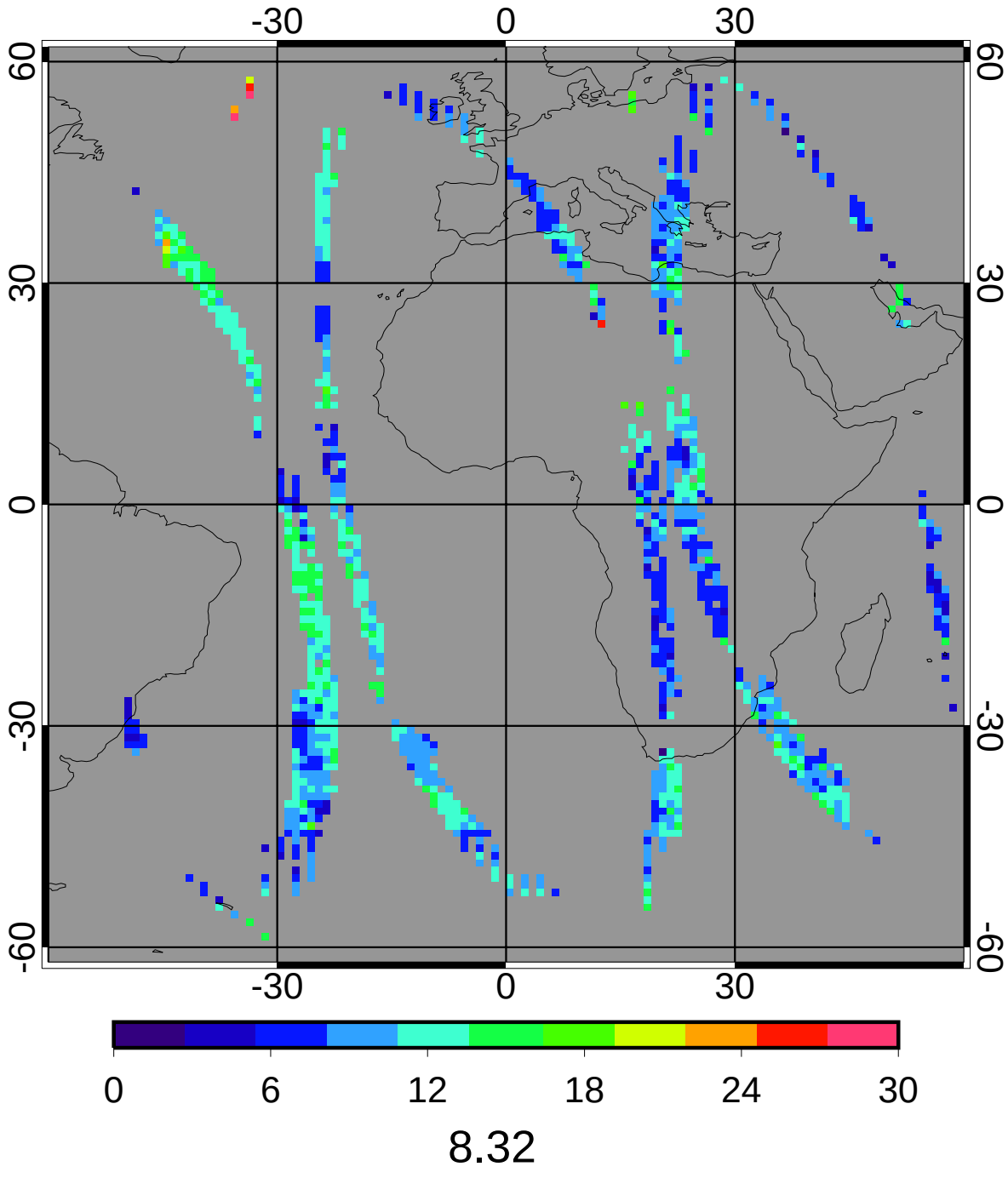
5ch_39cal Oct 2010 (matched angle)



regave rms	8.18	30.46%
domain rms	14.10	52.50%

GGEO MEAN Nighttime Liquid Particle Size (microns)

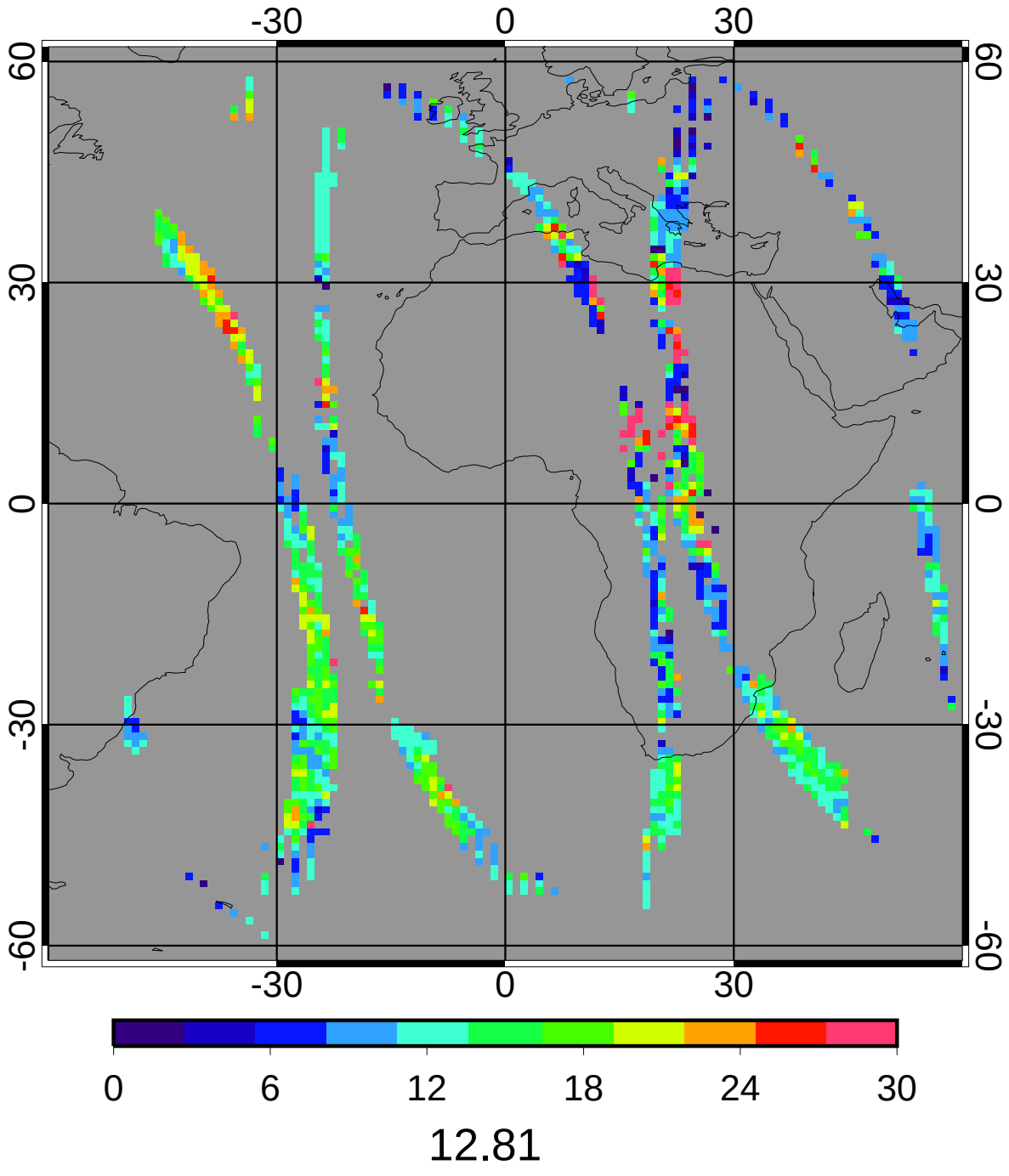
5ch_39cal Oct 2010 (matched angle)



8.32

CERES MEAN Nighttime Liquid Particle Size (microns)

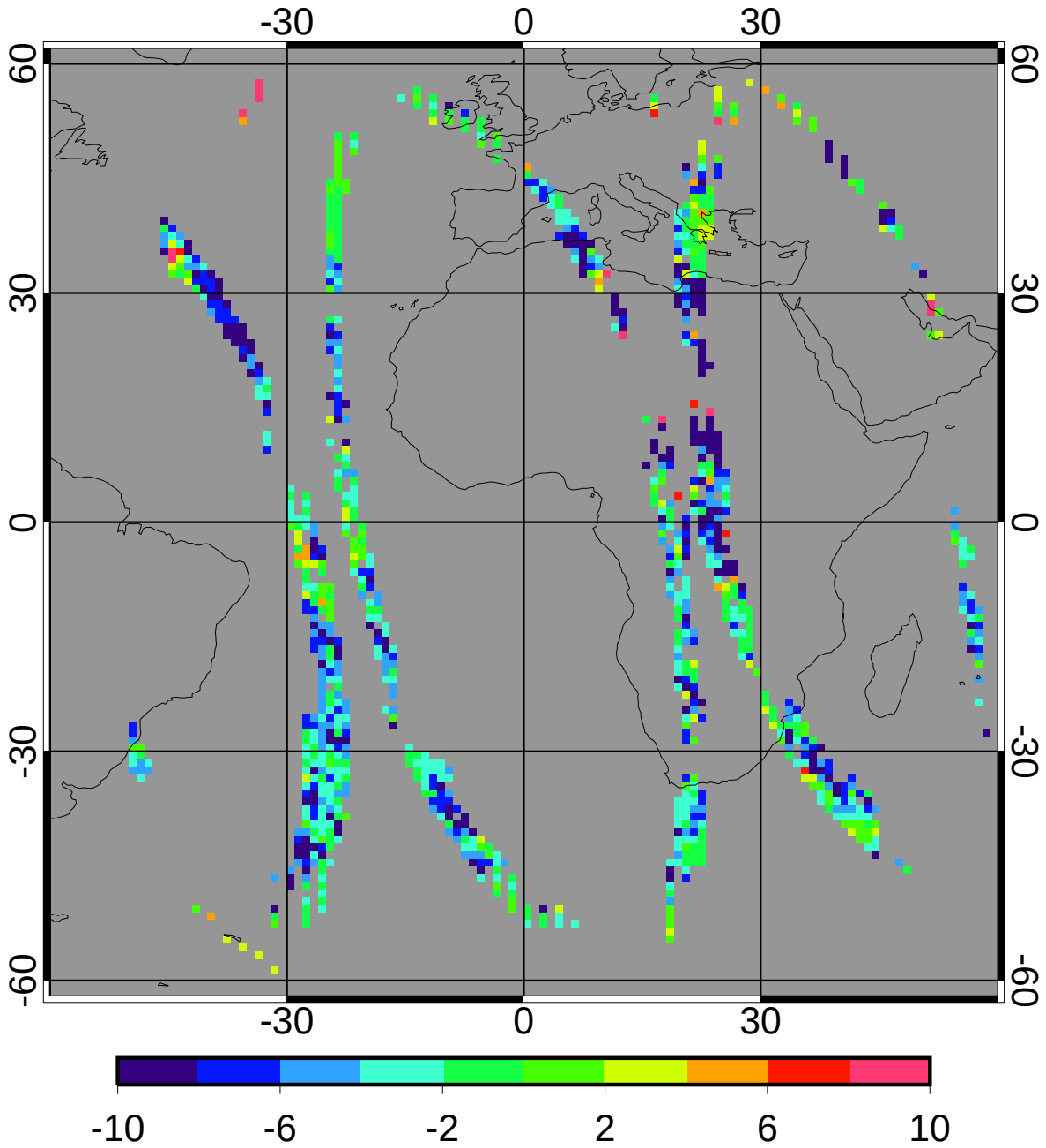
5ch_39cal Oct 2010 (matched angle)



12.81

GGEO - CERES Nighttime Liquid Particle Size (microns) Bias

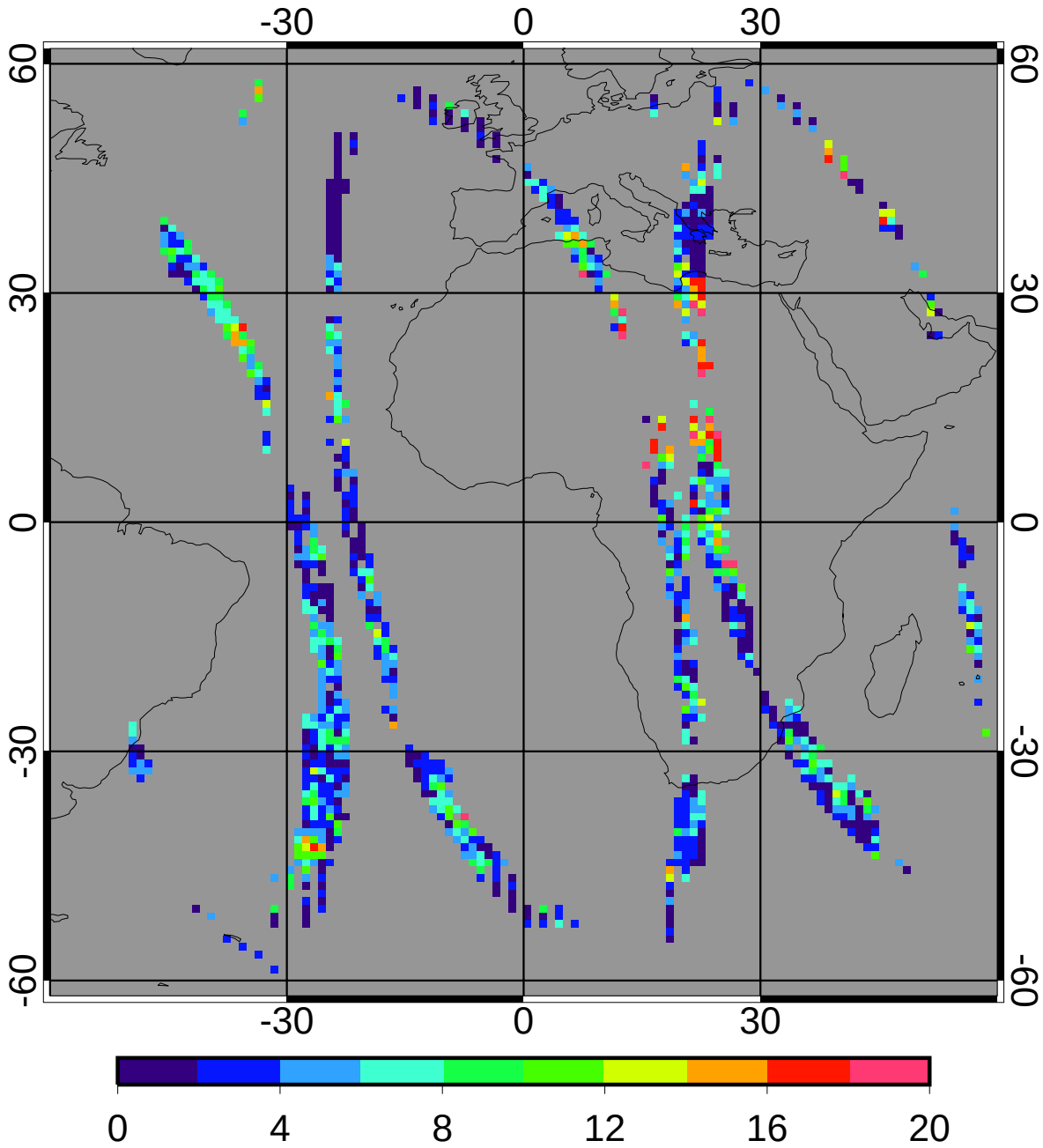
5ch_39cal Oct 2010 (matched angle)



bias	-3.40	-26.57%
domain sigma	4.53	35.34%

GGEO - CERES Nighttime Liquid Particle Size (microns) RMS

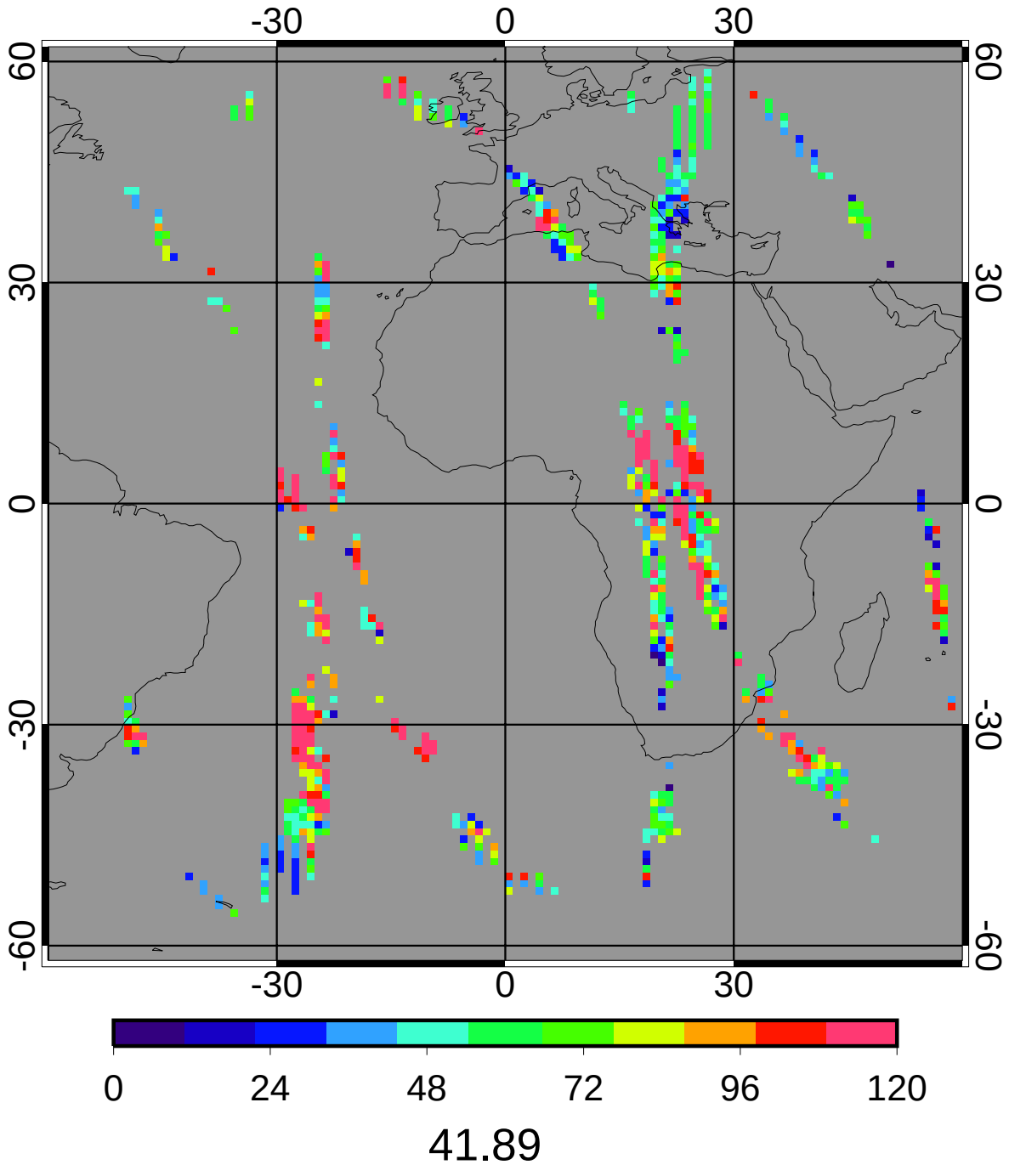
5ch_39cal Oct 2010 (matched angle)



regave rms	4.19	32.68%
domain rms	6.11	47.71%

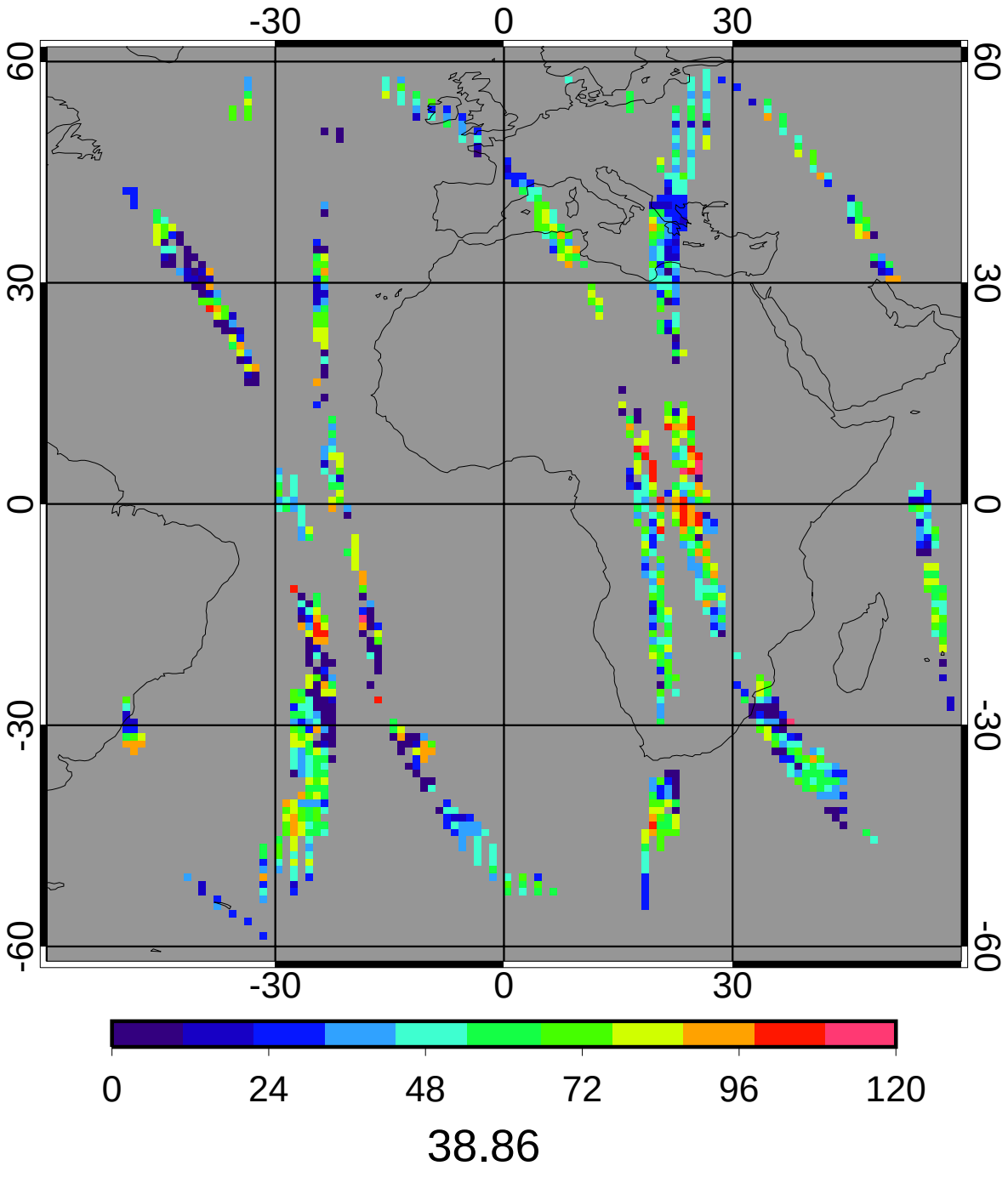
GGEO MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Oct 2010 (matched angle)



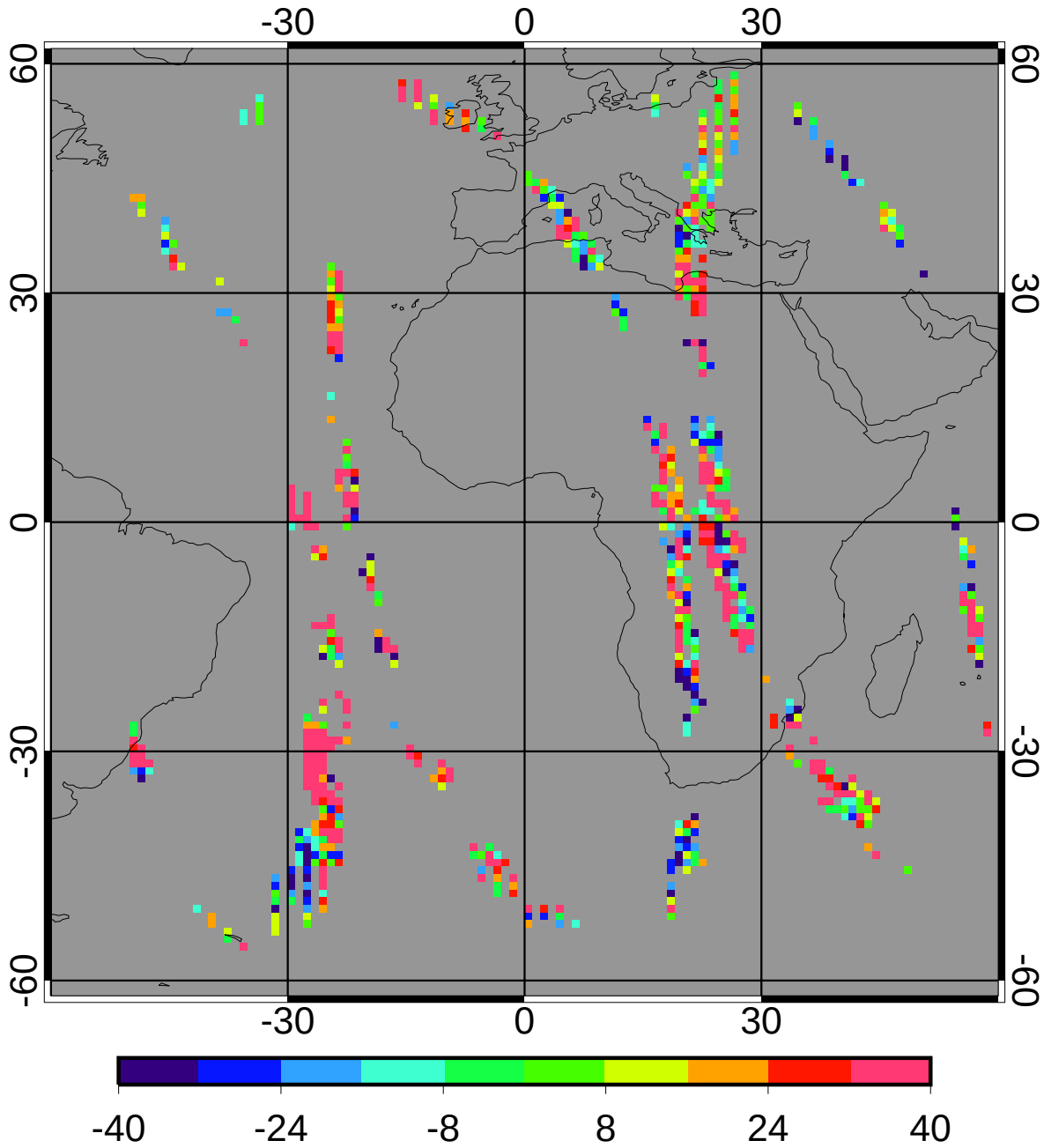
CERES MEAN Nighttime Ice Particle Size (microns)

5ch_39cal Oct 2010 (matched angle)



GGEO - CERES Nighttime Ice Particle Size (microns) Bias

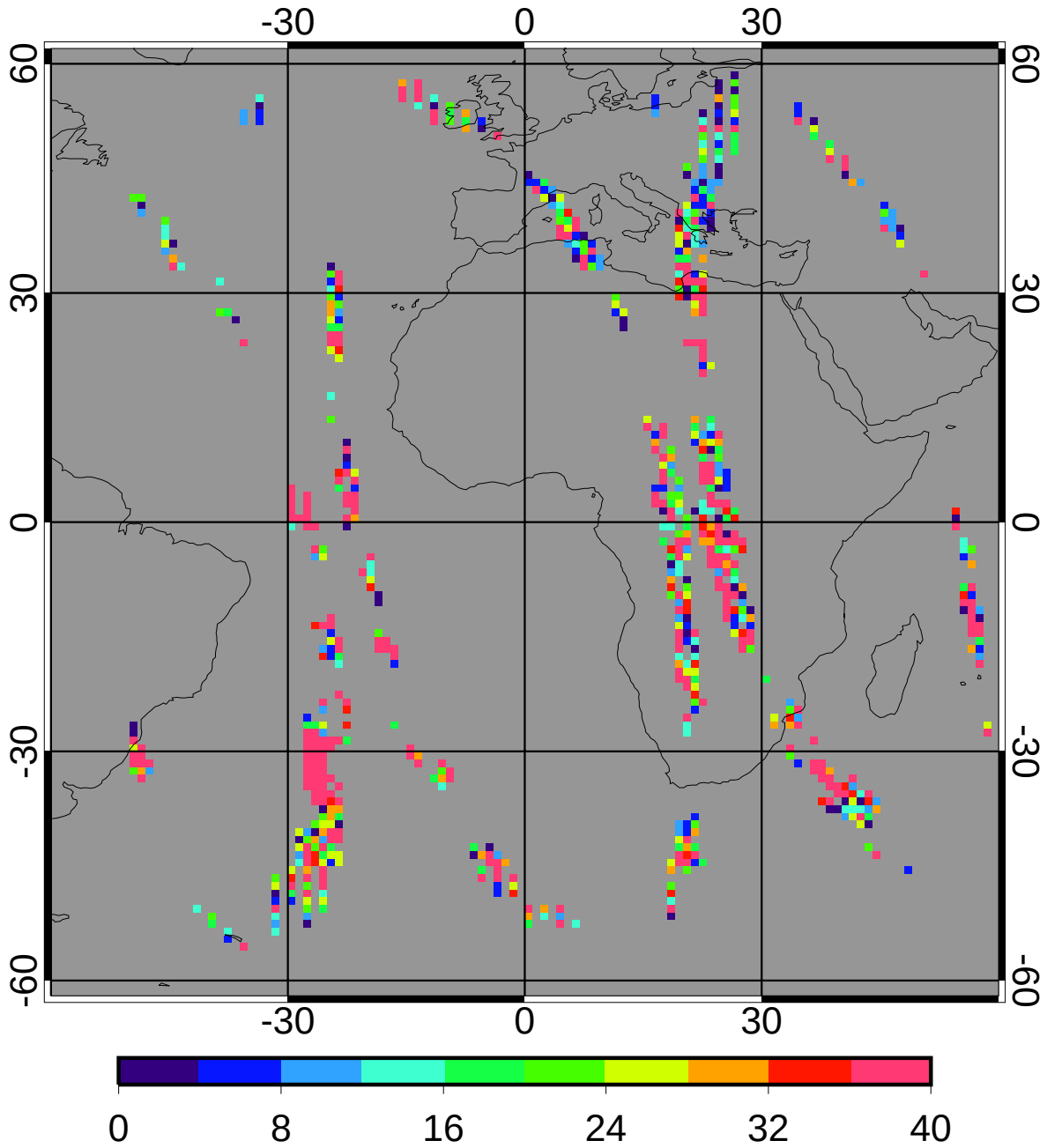
5ch_39cal Oct 2010 (matched angle)



bias	9.00	23.17%
domain sigma	30.71	79.04%

GGEO - CERES Nighttime Ice Particle Size (microns) RMS

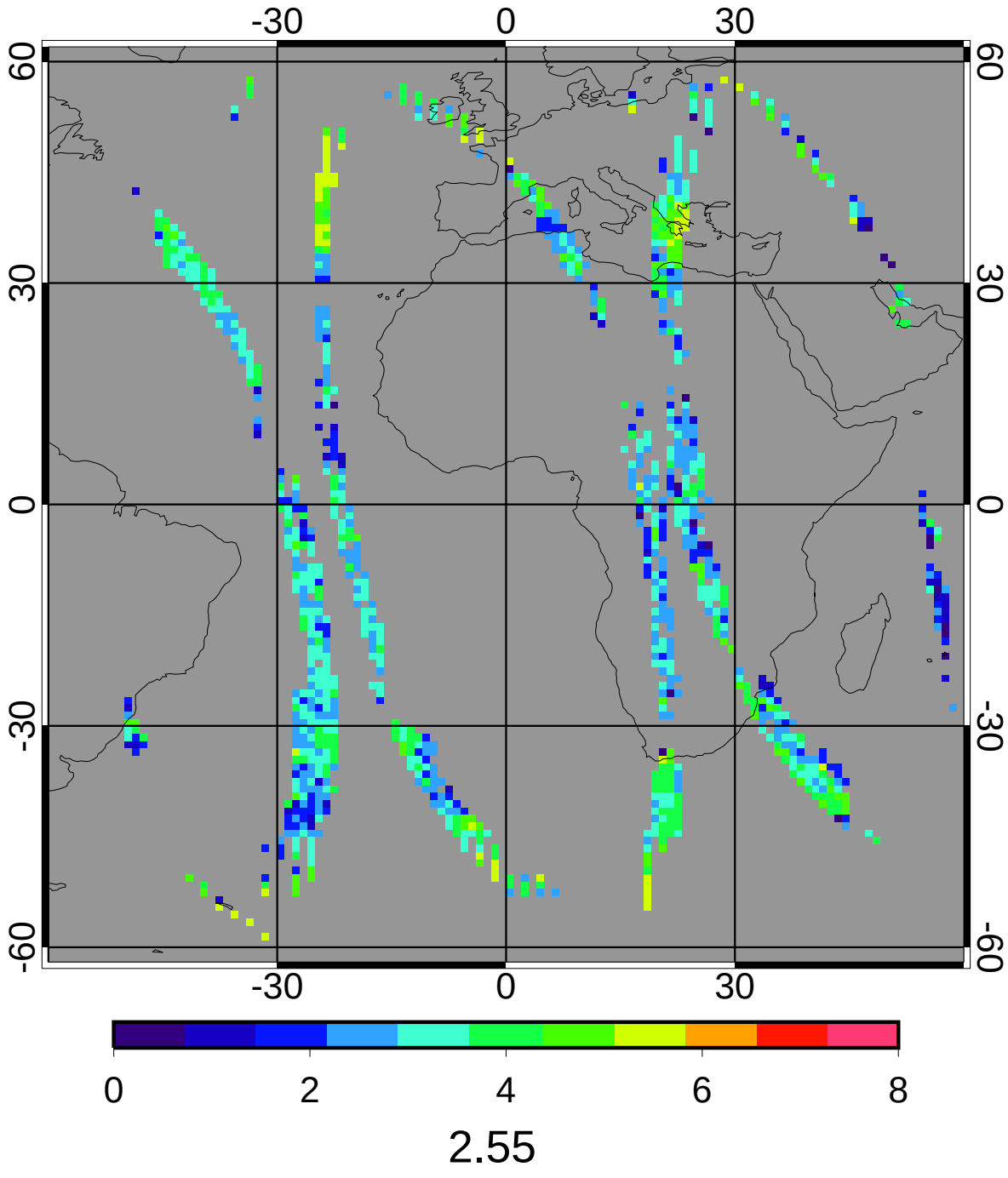
5ch_39cal Oct 2010 (matched angle)



regave rms	17.56	45.20%
domain rms	35.87	92.32%

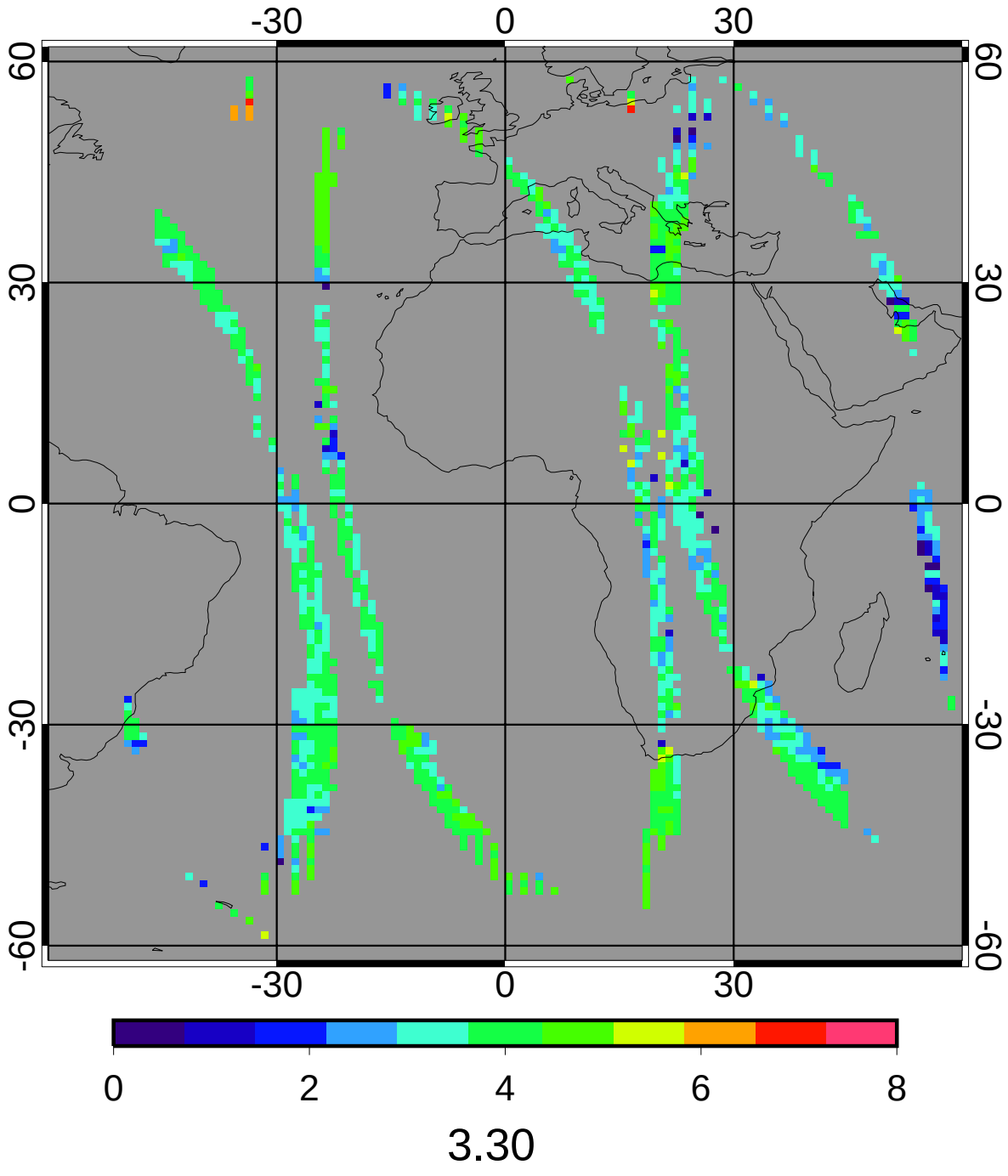
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



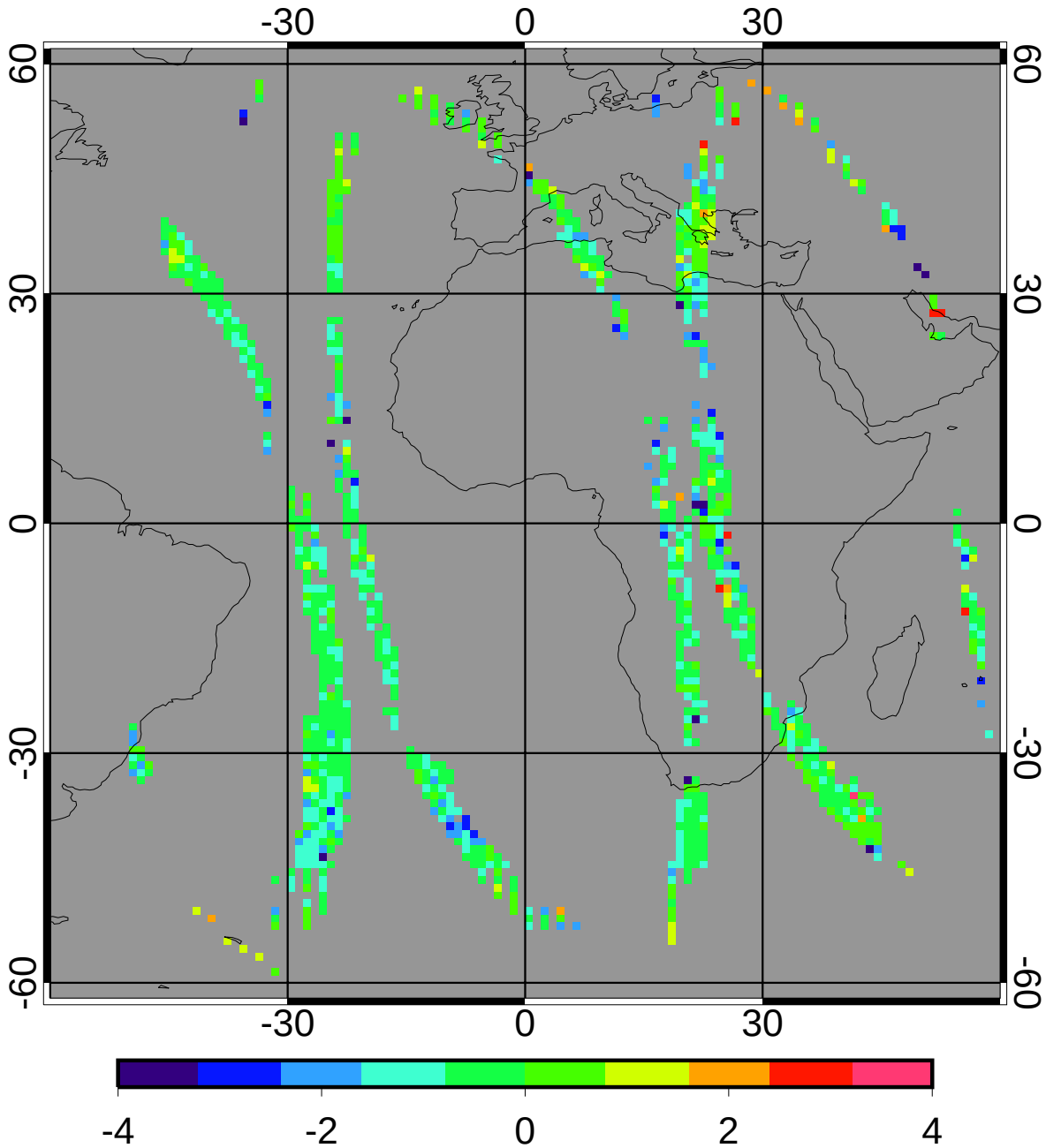
CERES MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



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

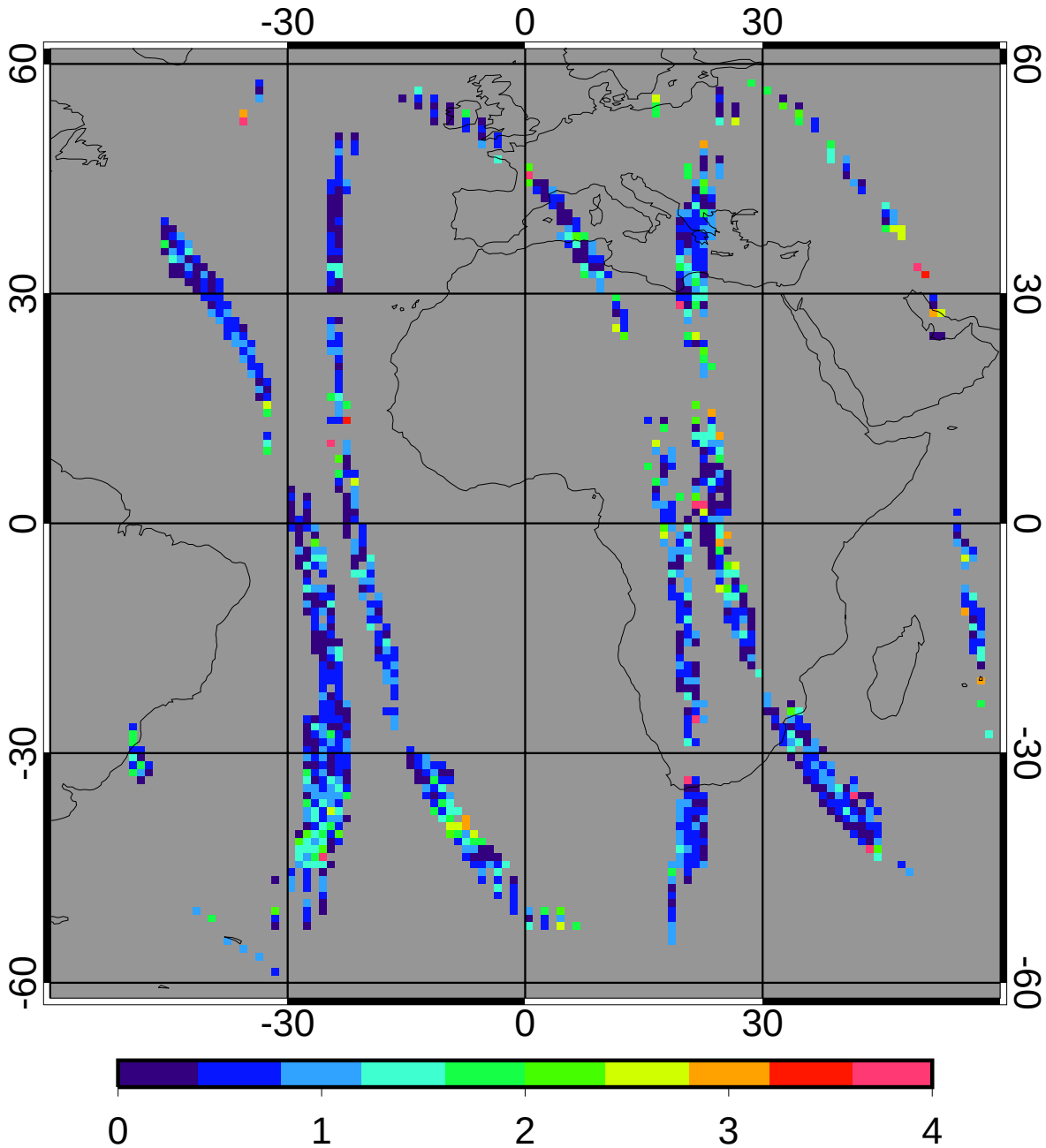
5ch_39cal Oct 2010 (matched angle)



bias	-0.43	-13.14%
domain sigma	0.78	23.80%

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

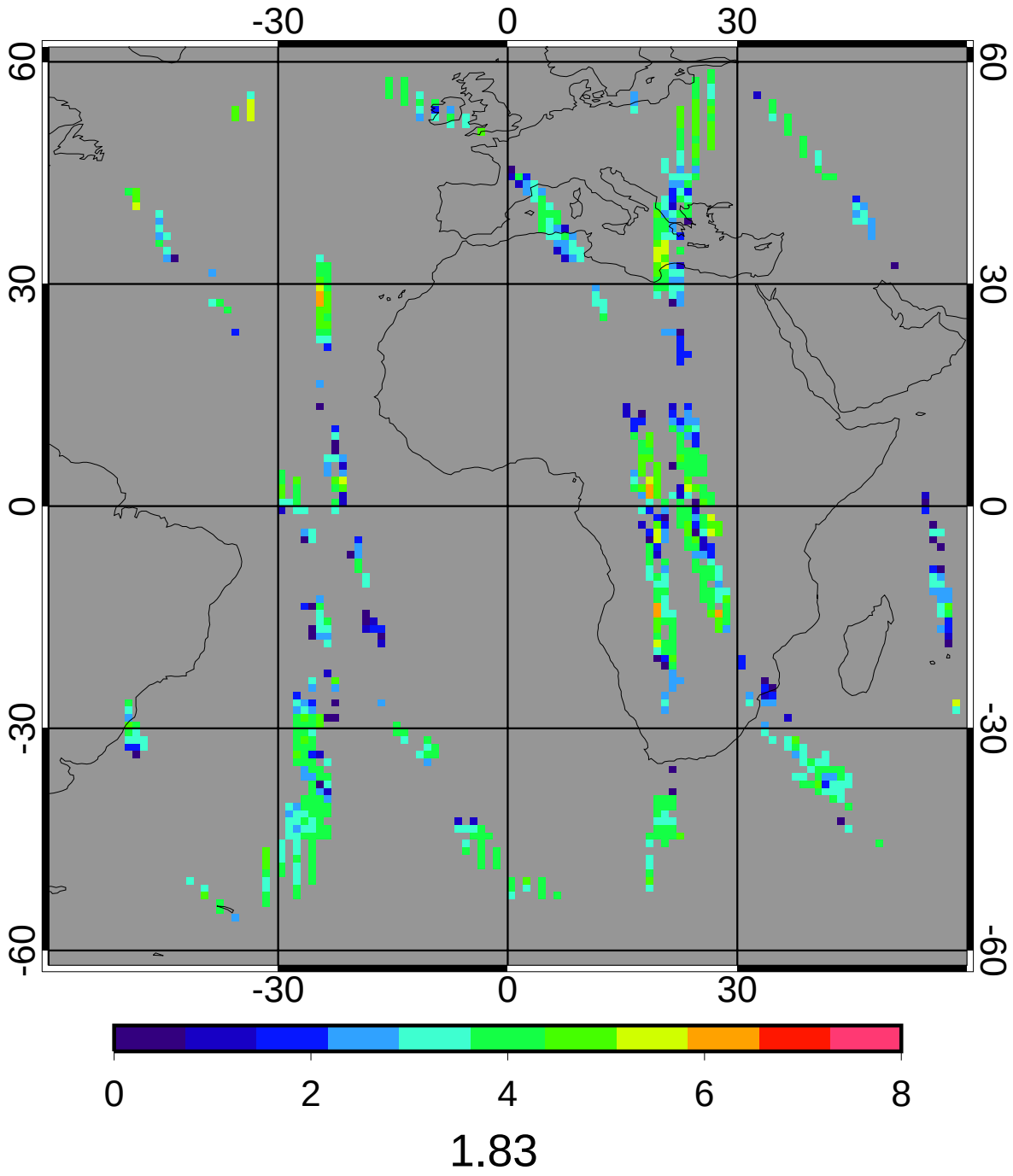
5ch_39cal Oct 2010 (matched angle)



regave rms	0.67	20.27%
domain rms	0.98	29.69%

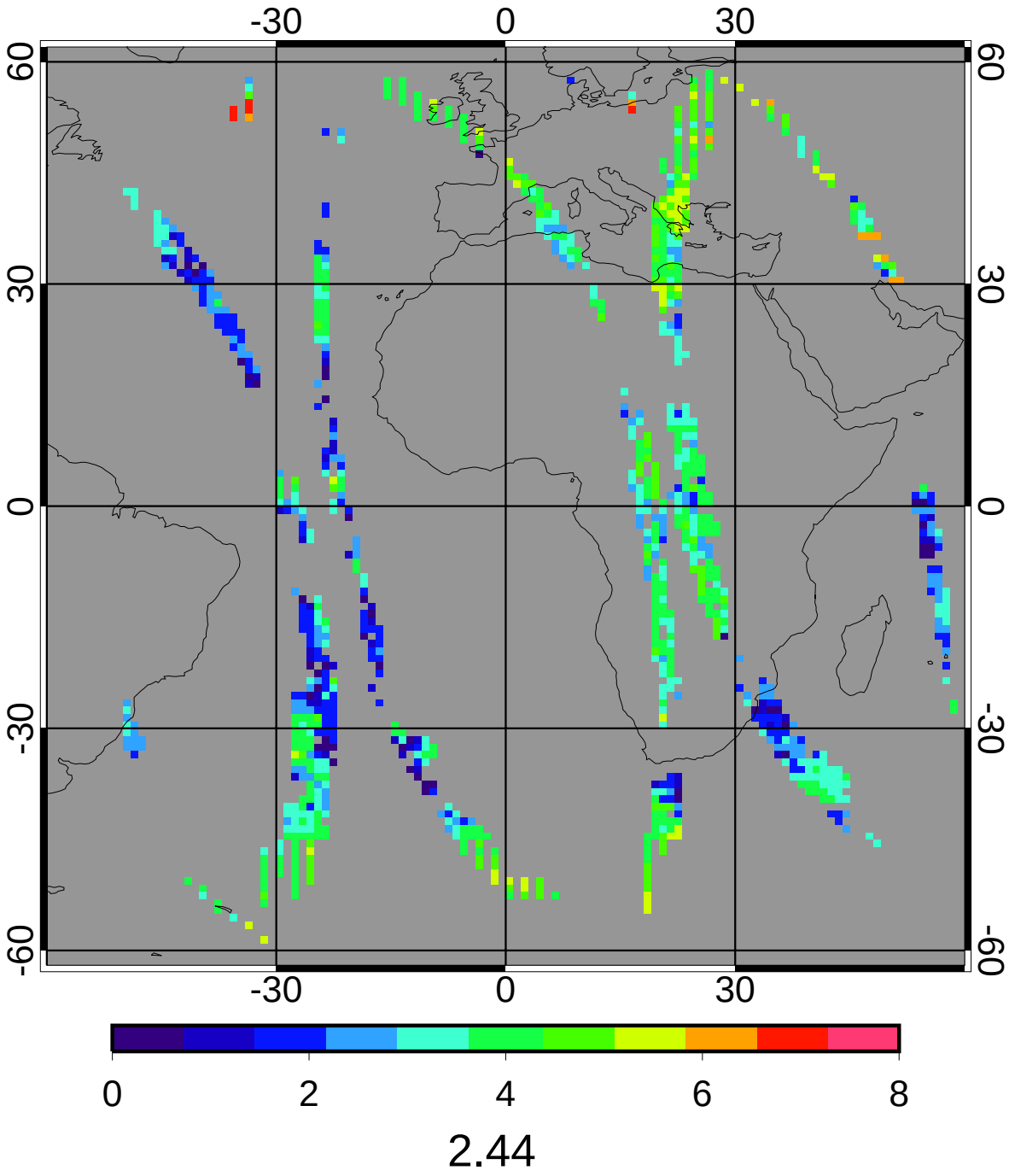
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



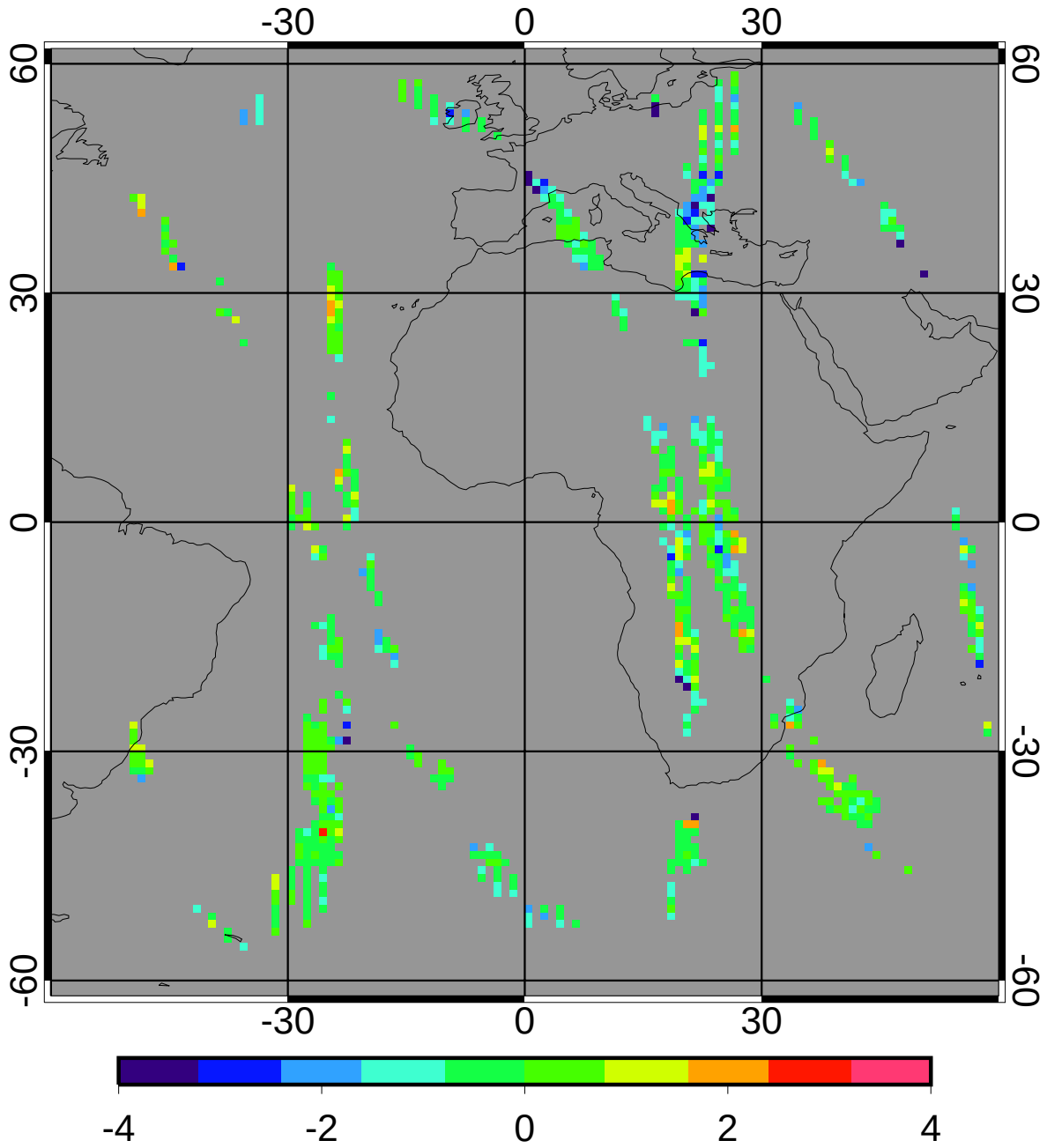
CERES MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Oct 2010 (matched angle)



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

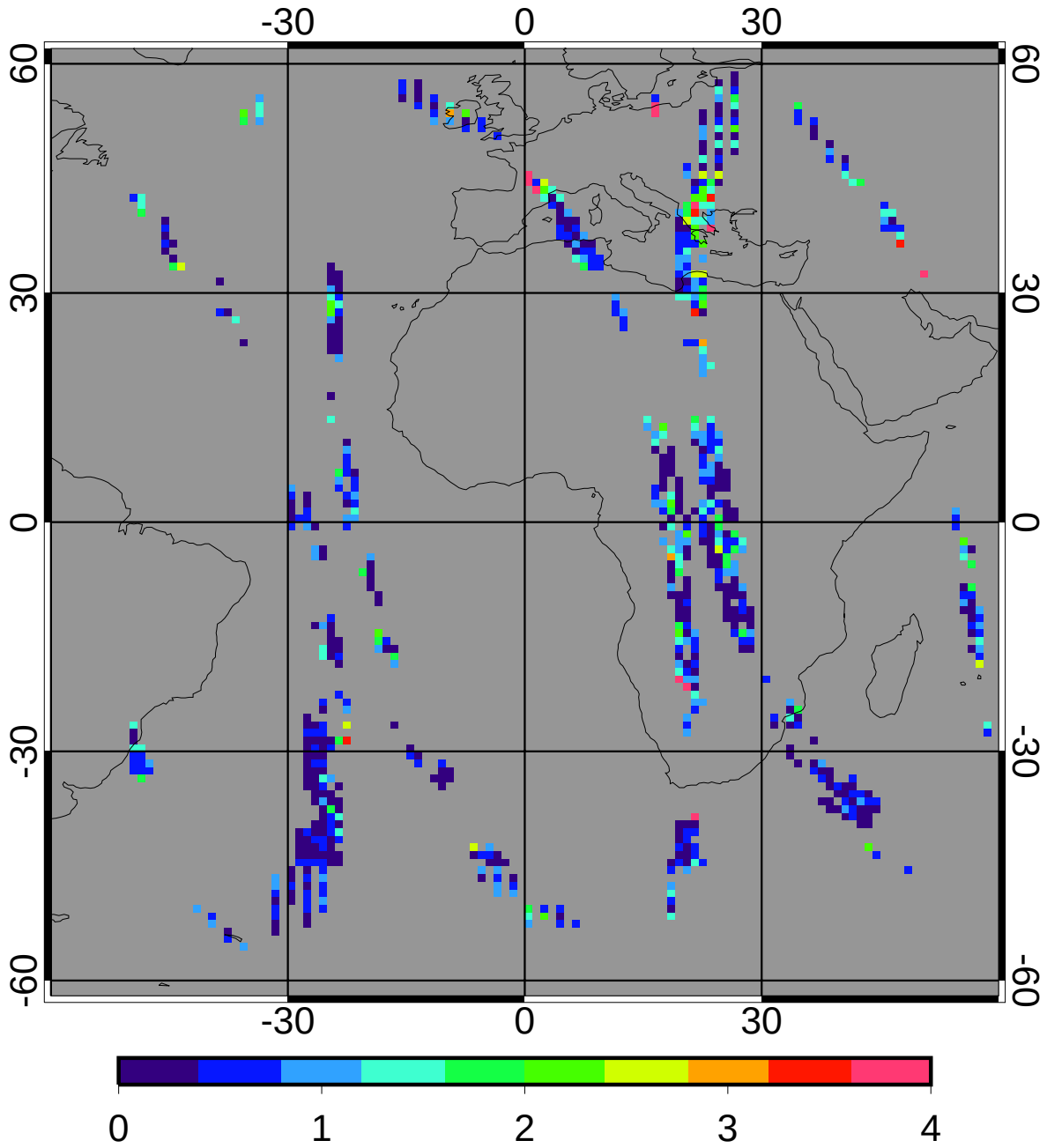
5ch_39cal Oct 2010 (matched angle)



bias	-0.18	-7.41%
domain sigma	0.88	36.06%

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

5ch_39cal Oct 2010 (matched angle)



regave rms	0.42	17.13%
domain rms	0.98	40.16%