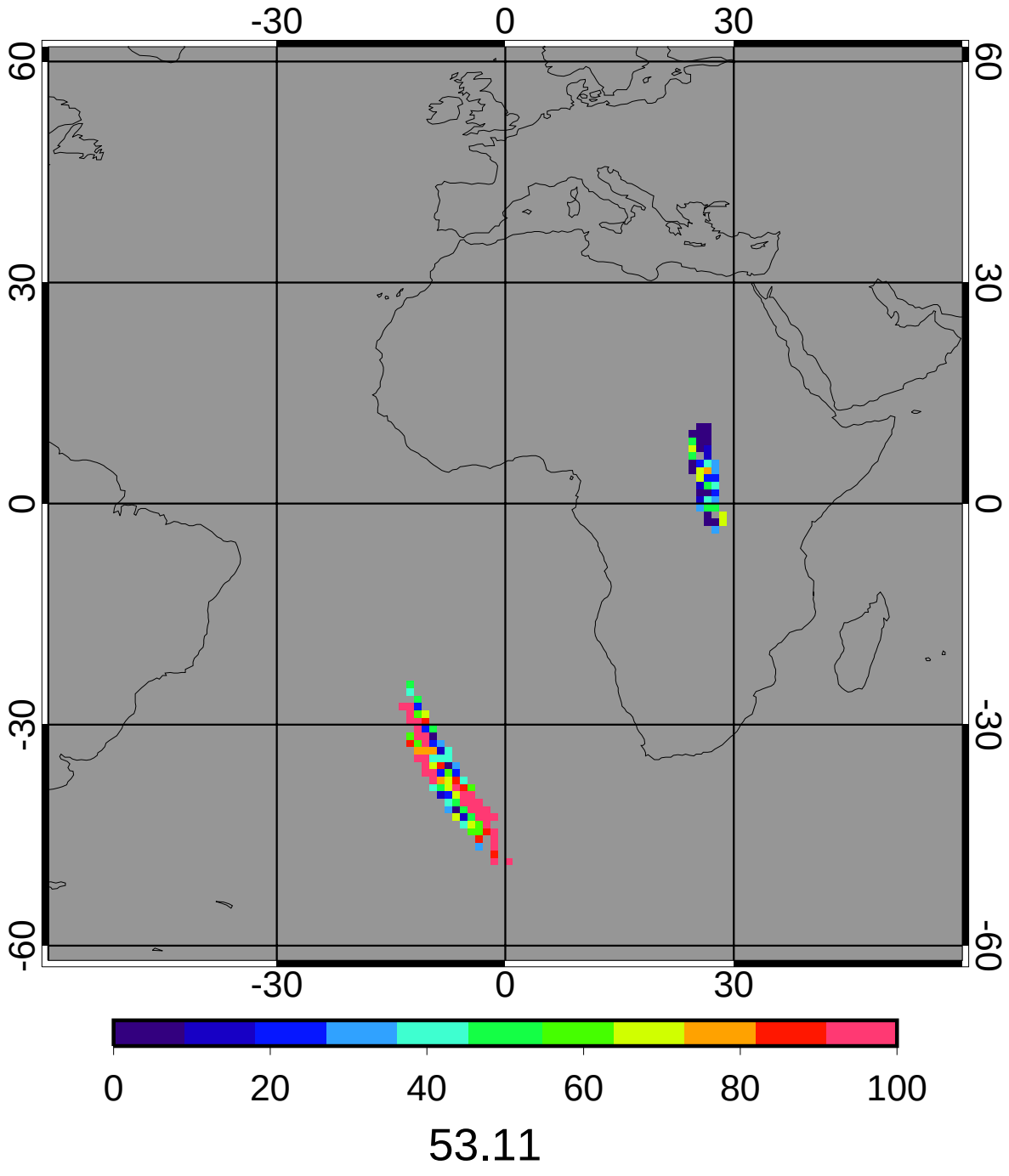
GGEO MEAN Daytime Cloud Amount (%)

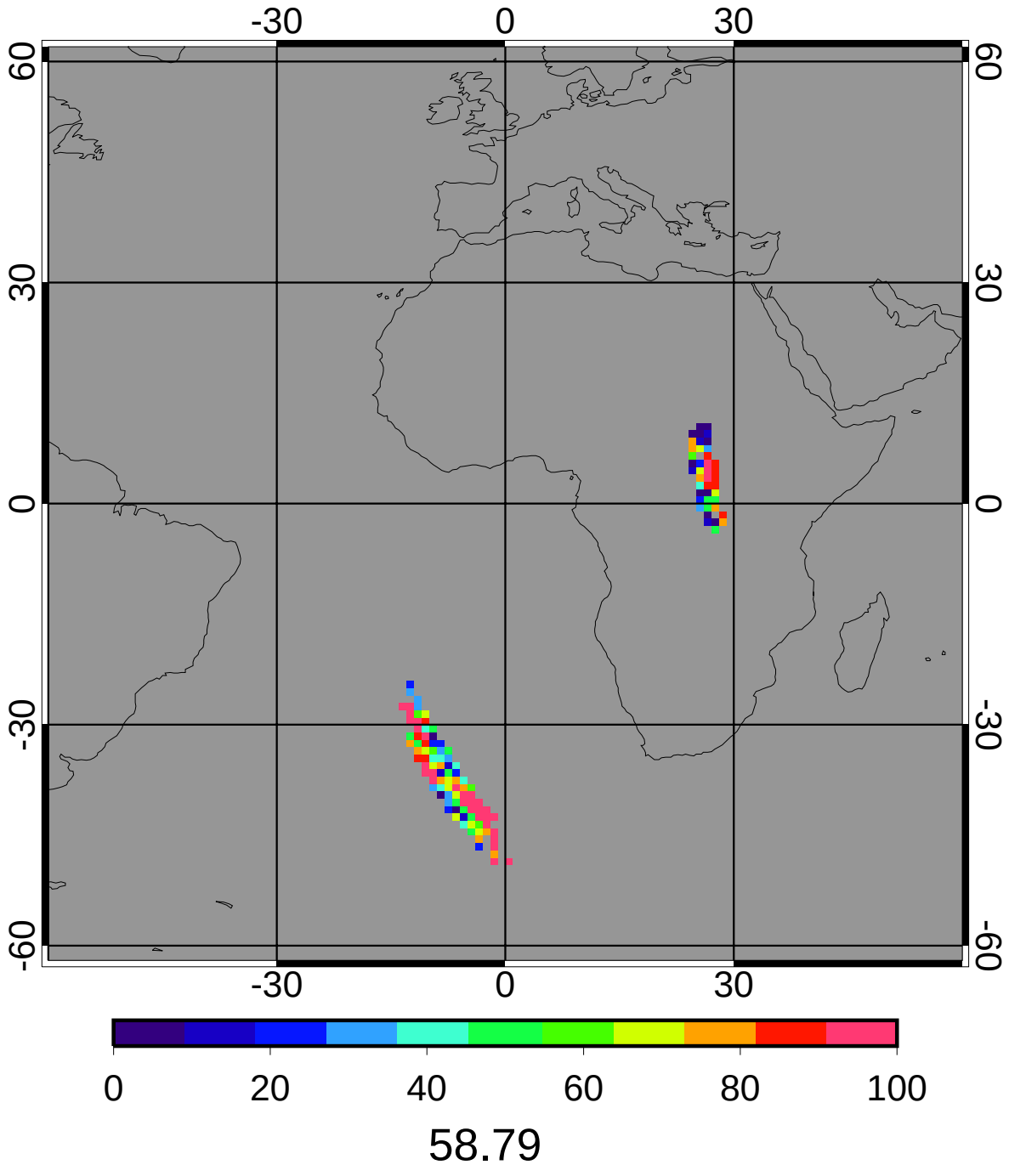
5ch_39cal Apr 2010 (matched angle)



53.11

CERES/Aqua MEAN Daytime Cloud Amount (%)

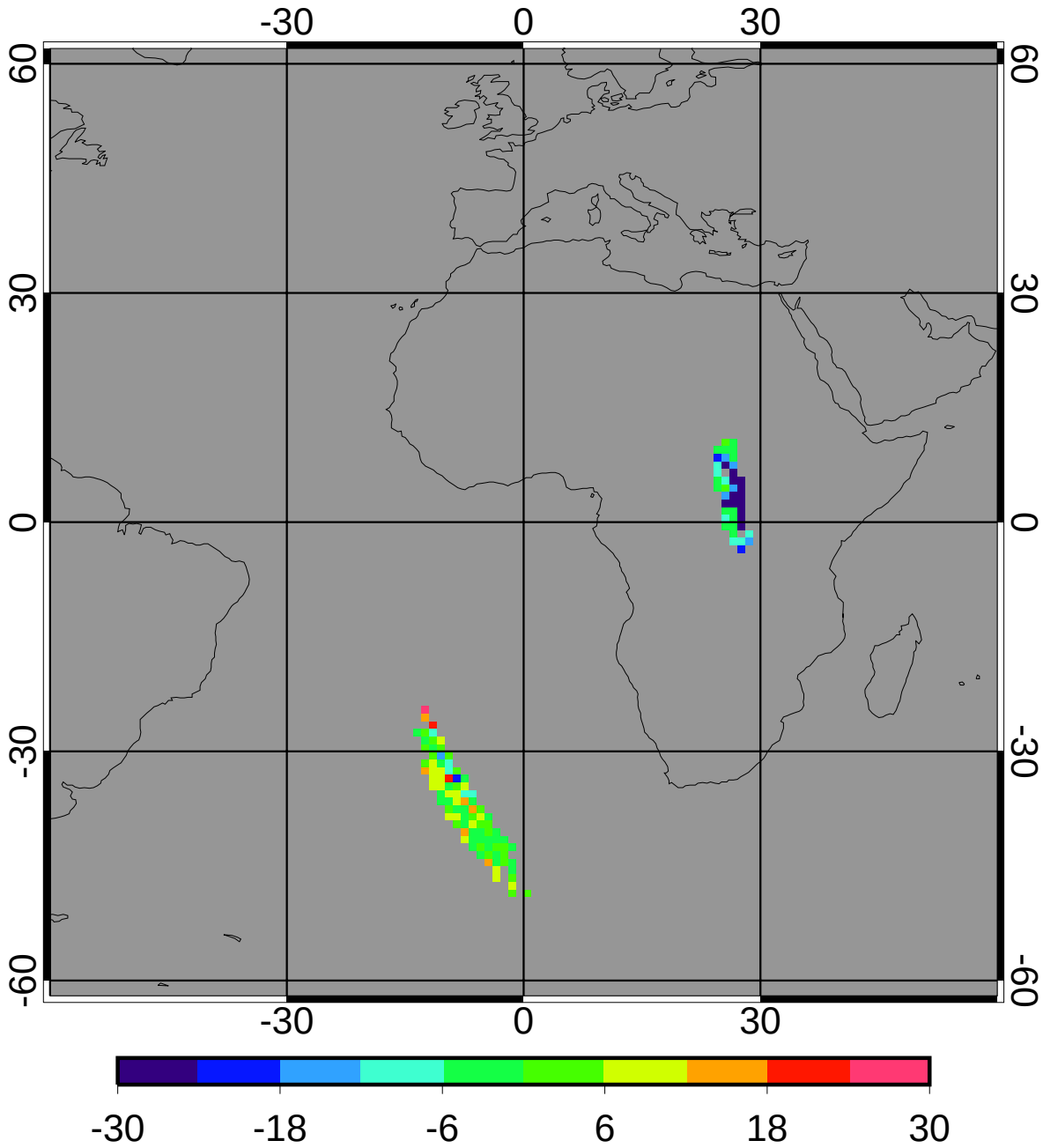
5ch_39cal Apr 2010 (matched angle)



58.79

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

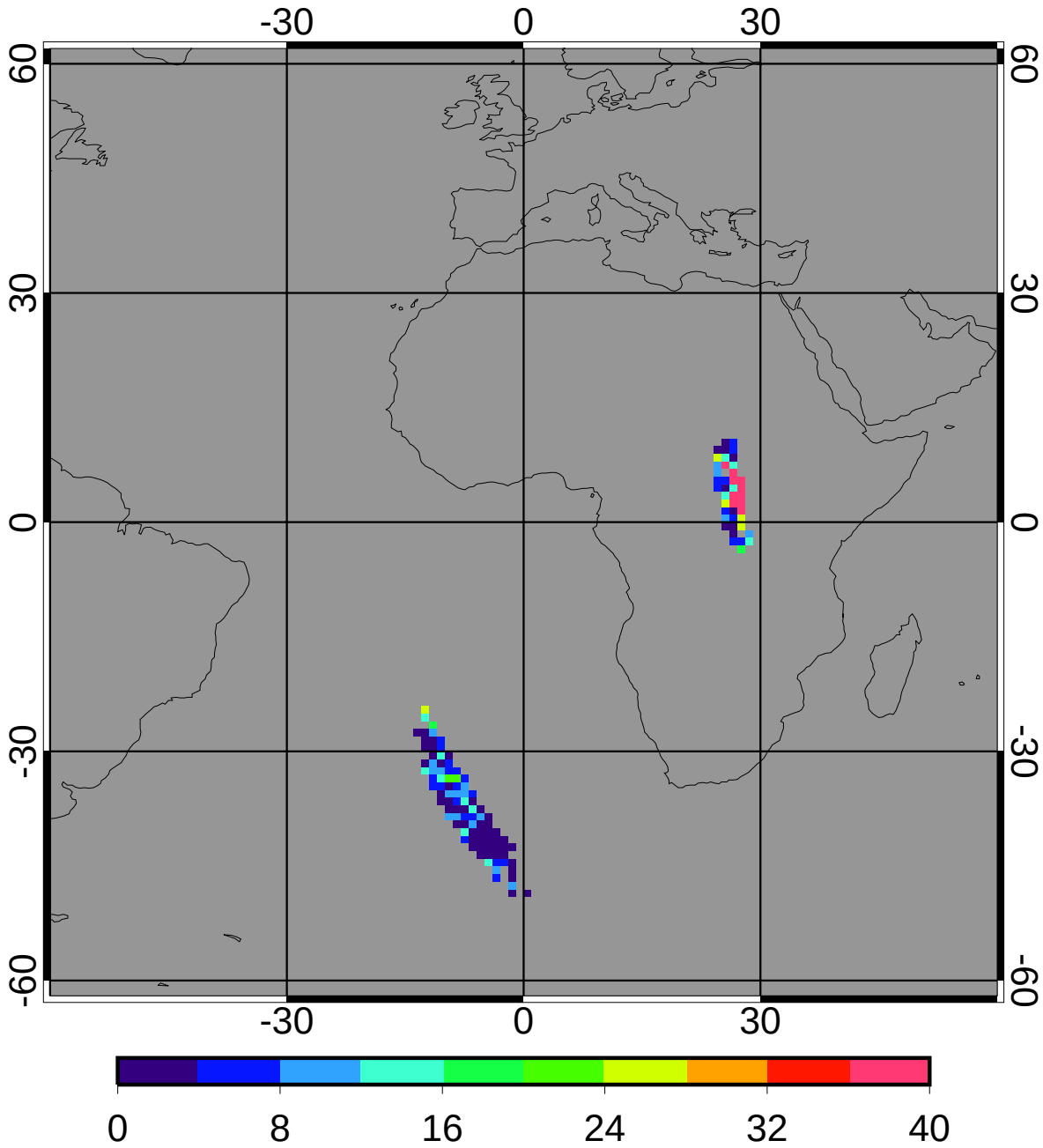
5ch_39cal Apr 2010 (matched angle)



bias	-5.68	-9.66%
domain sigma	17.49	29.74%

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

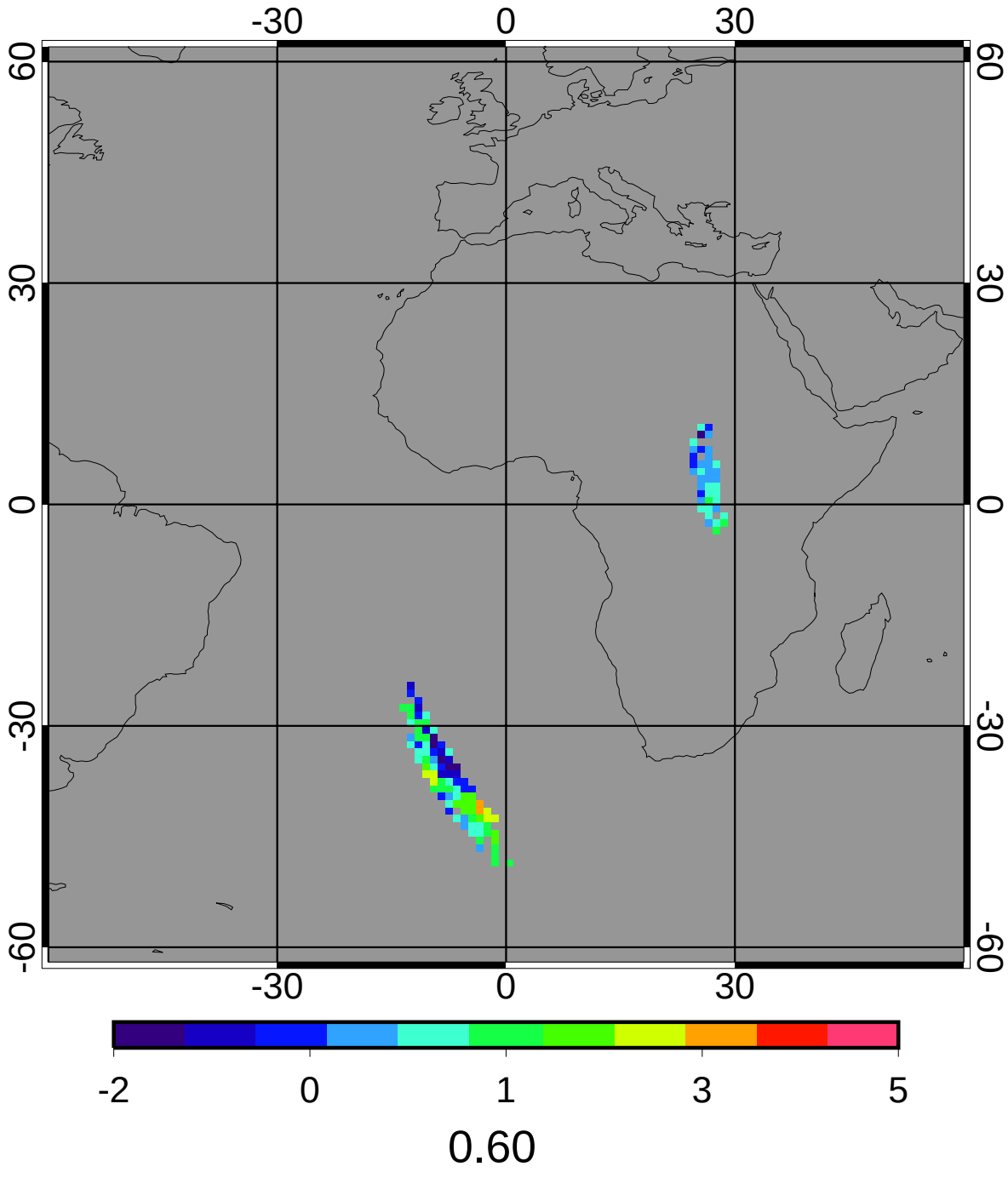
5ch_39cal Apr 2010 (matched angle)



regave rms	11.05	18.80%
domain rms	17.26	29.35%

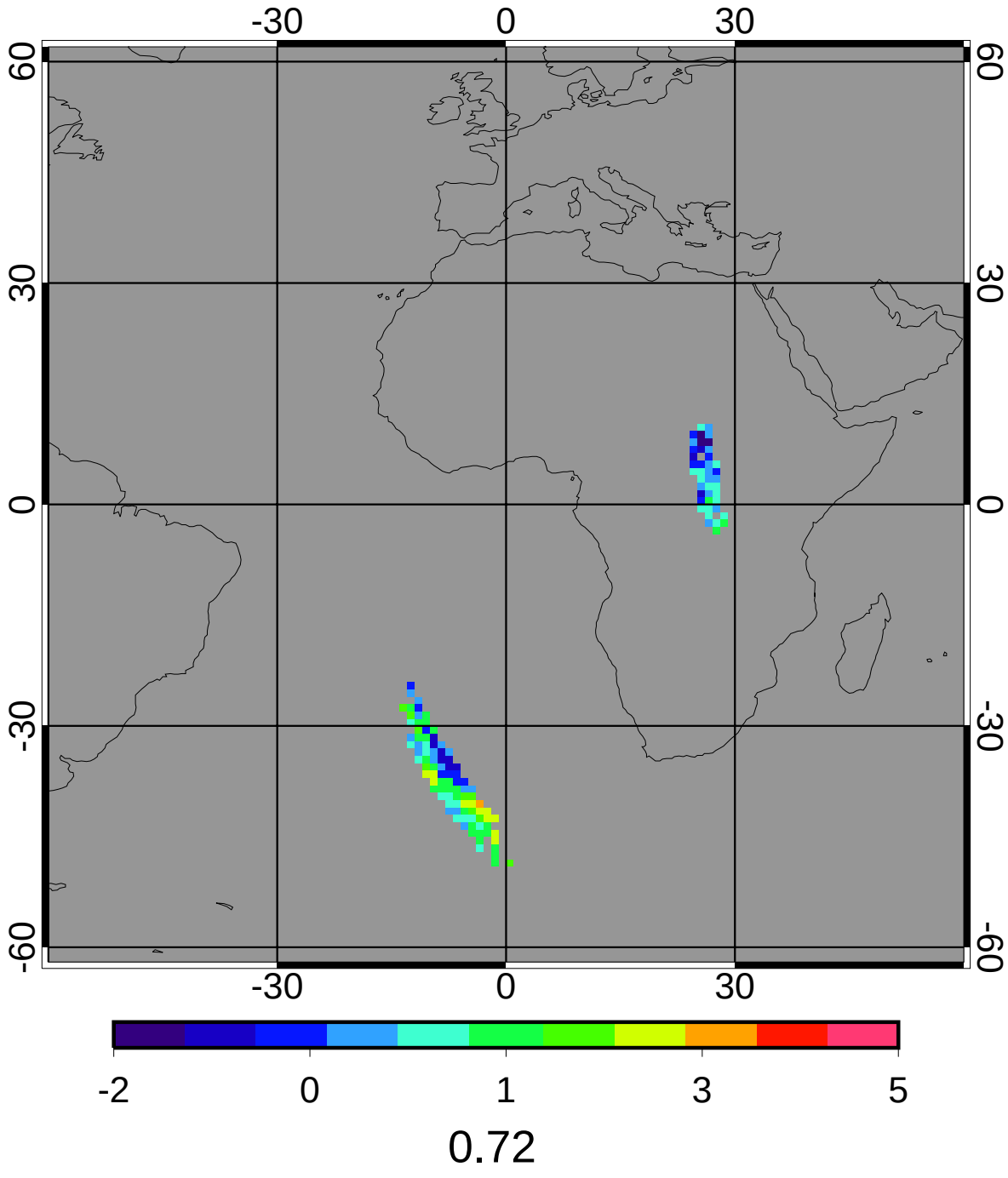
GGEO MEAN Daytime Log Optical Depth

5ch_39cal Apr 2010 (matched angle)



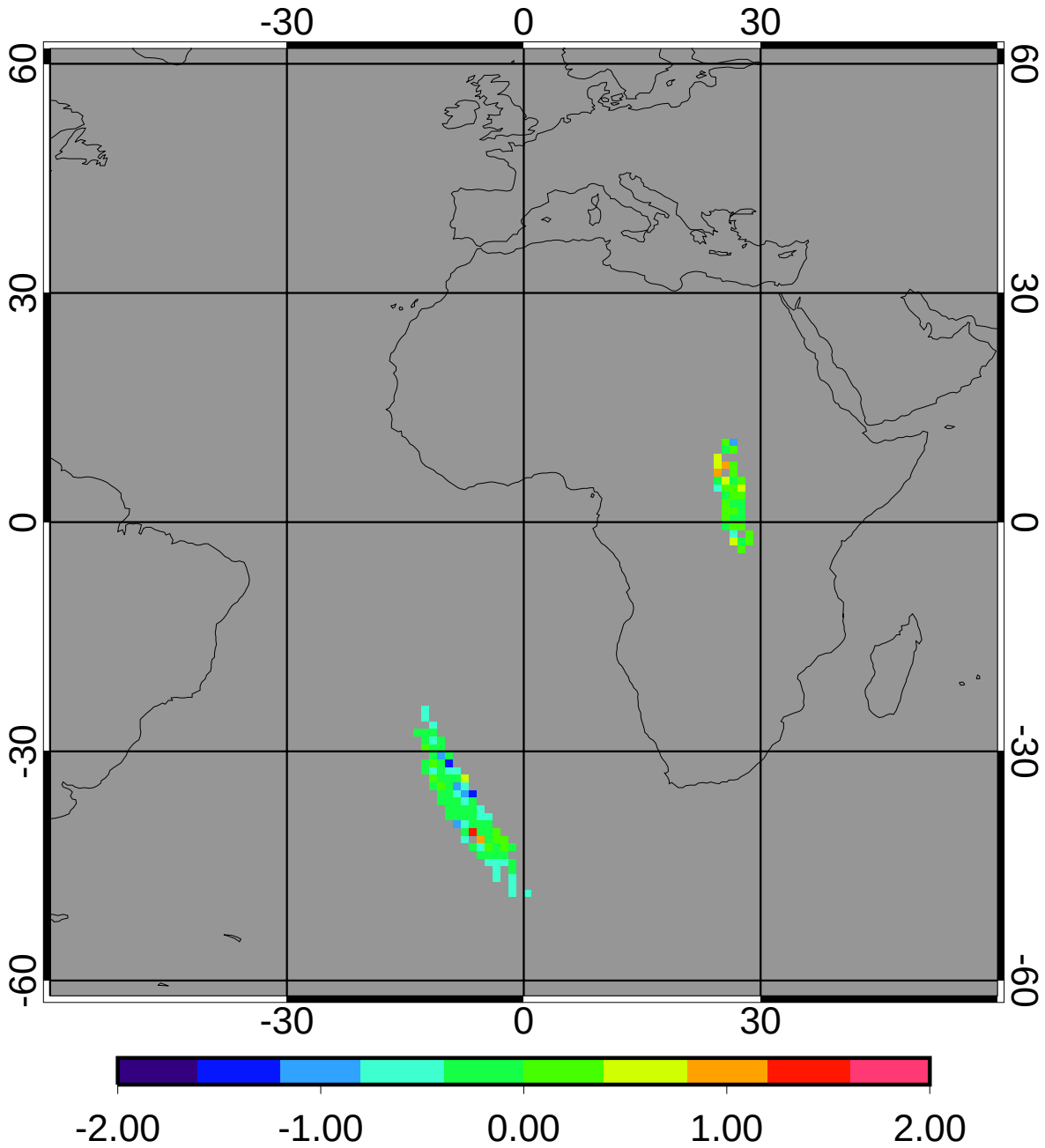
CERES/Aqua MEAN Daytime Log Optical Depth

5ch_39cal Apr 2010 (matched angle)



GGEO - CERES/Aqua Daytime Log Optical Depth Bias

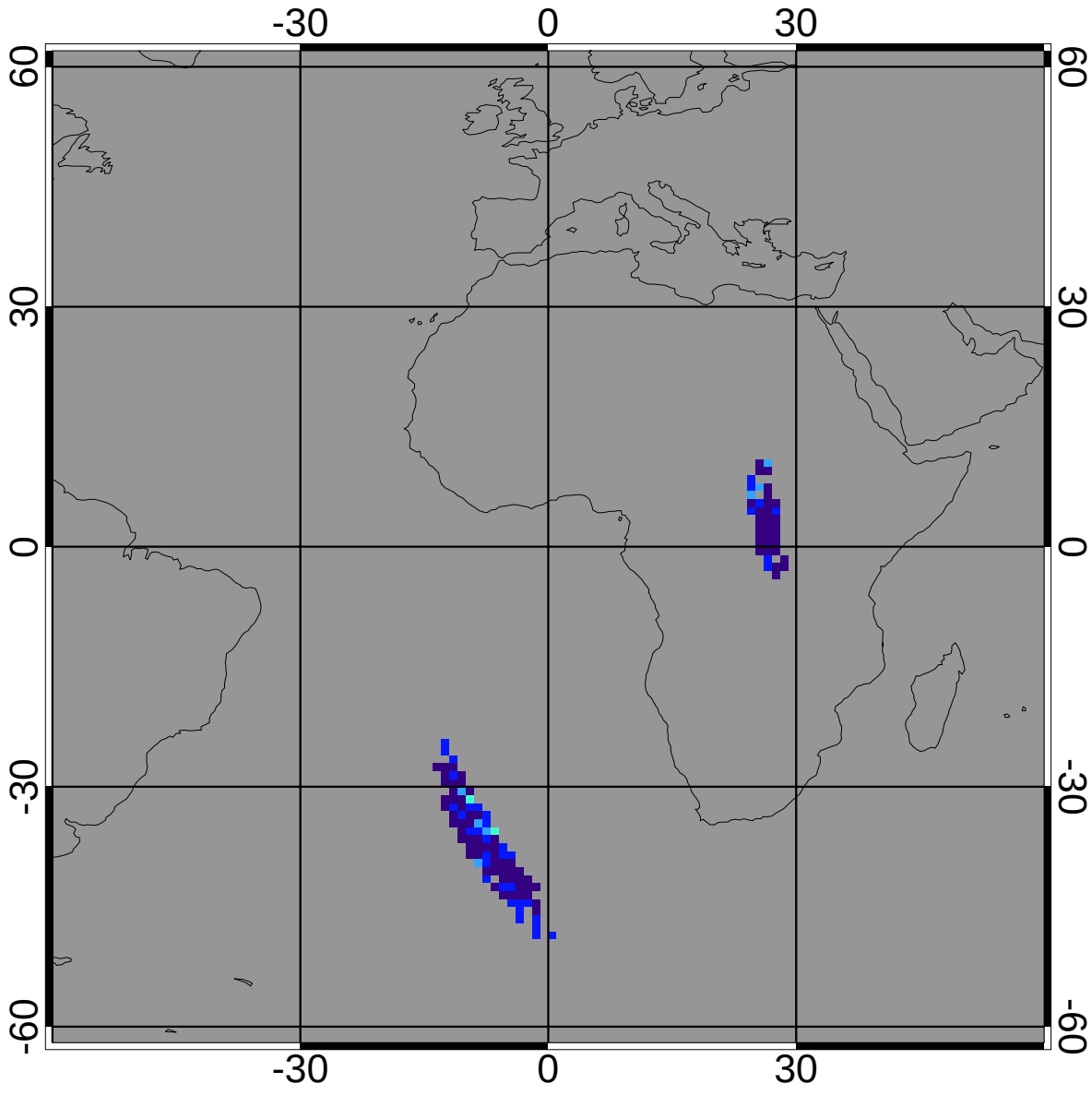
5ch_39cal Apr 2010 (matched angle)

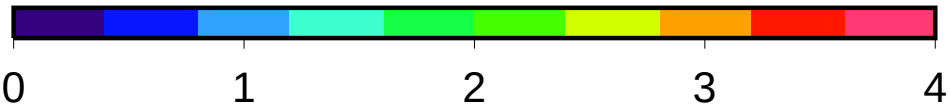


bias	-0.15	-20.90%
domain sigma	0.35	49.27%

GGEO - CERES/Aqua Daytime Log Optical Depth RMS

5ch_39cal Apr 2010 (matched angle)

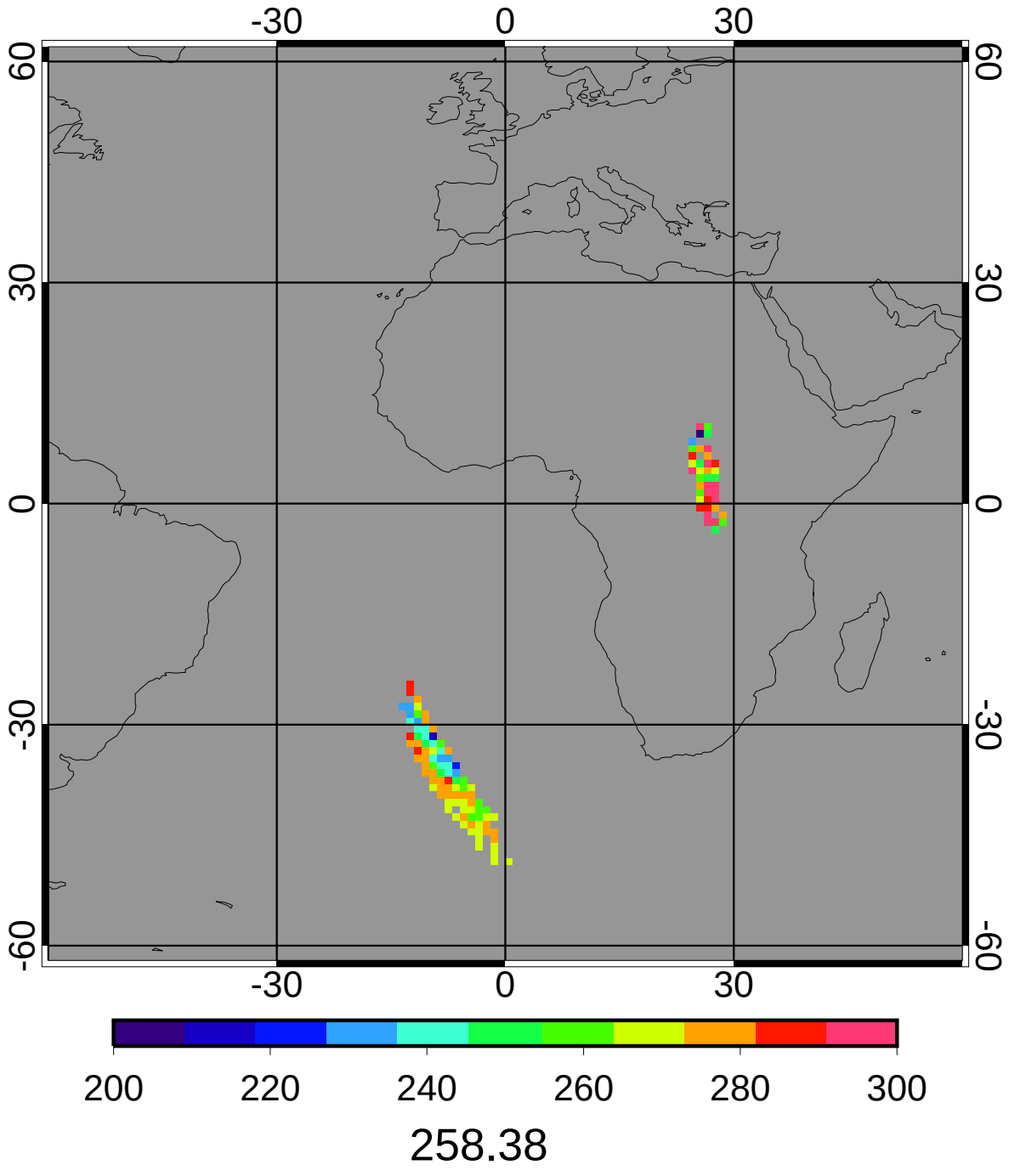




regave rms	0.32	45.07%
domain rms	0.39	54.99%

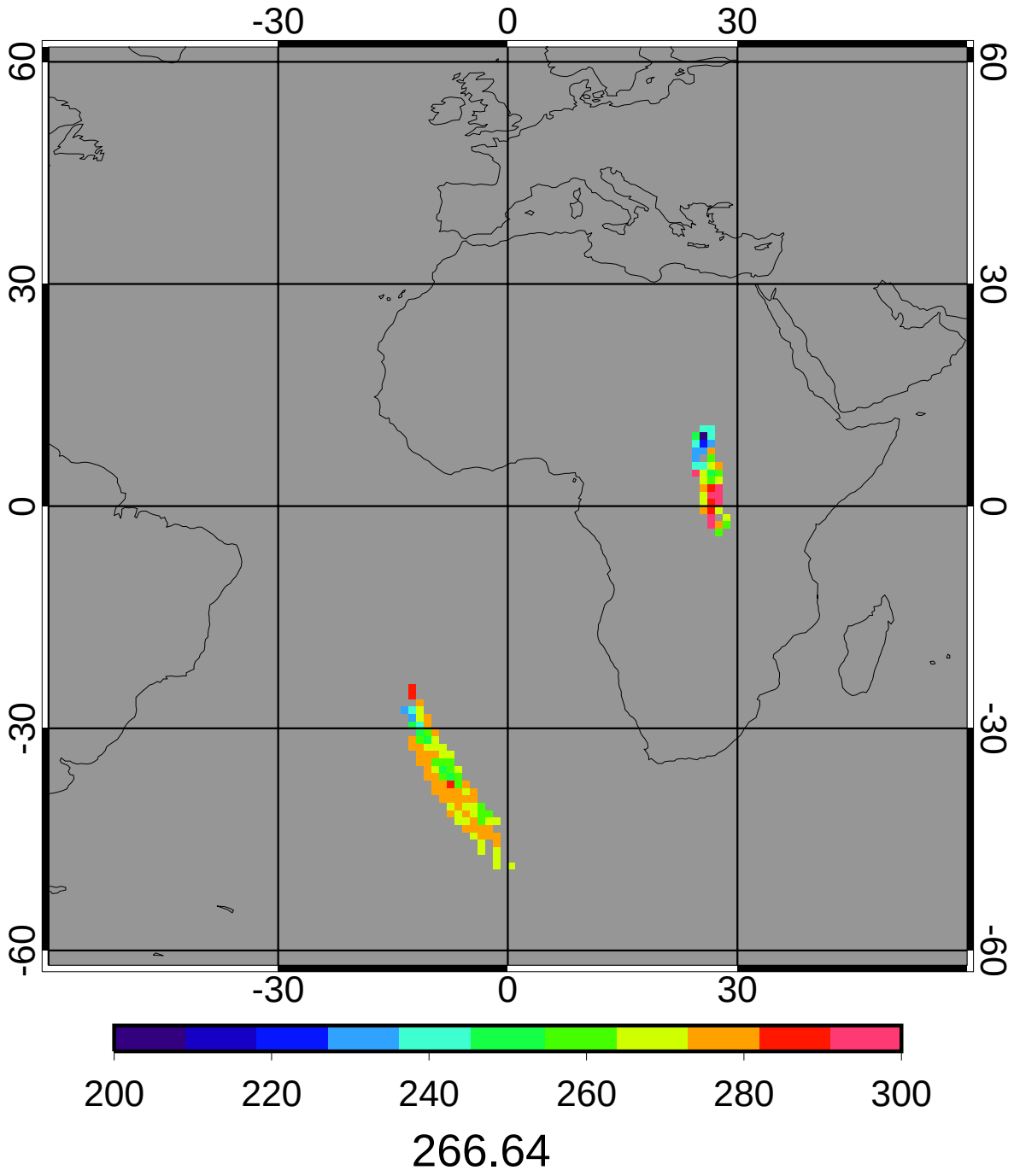
GGEO MEAN Daytime Cloud Temperature (K)

5ch_39cal Apr 2010 (matched angle)



CERES/Aqua MEAN Daytime Cloud Temperature (K)

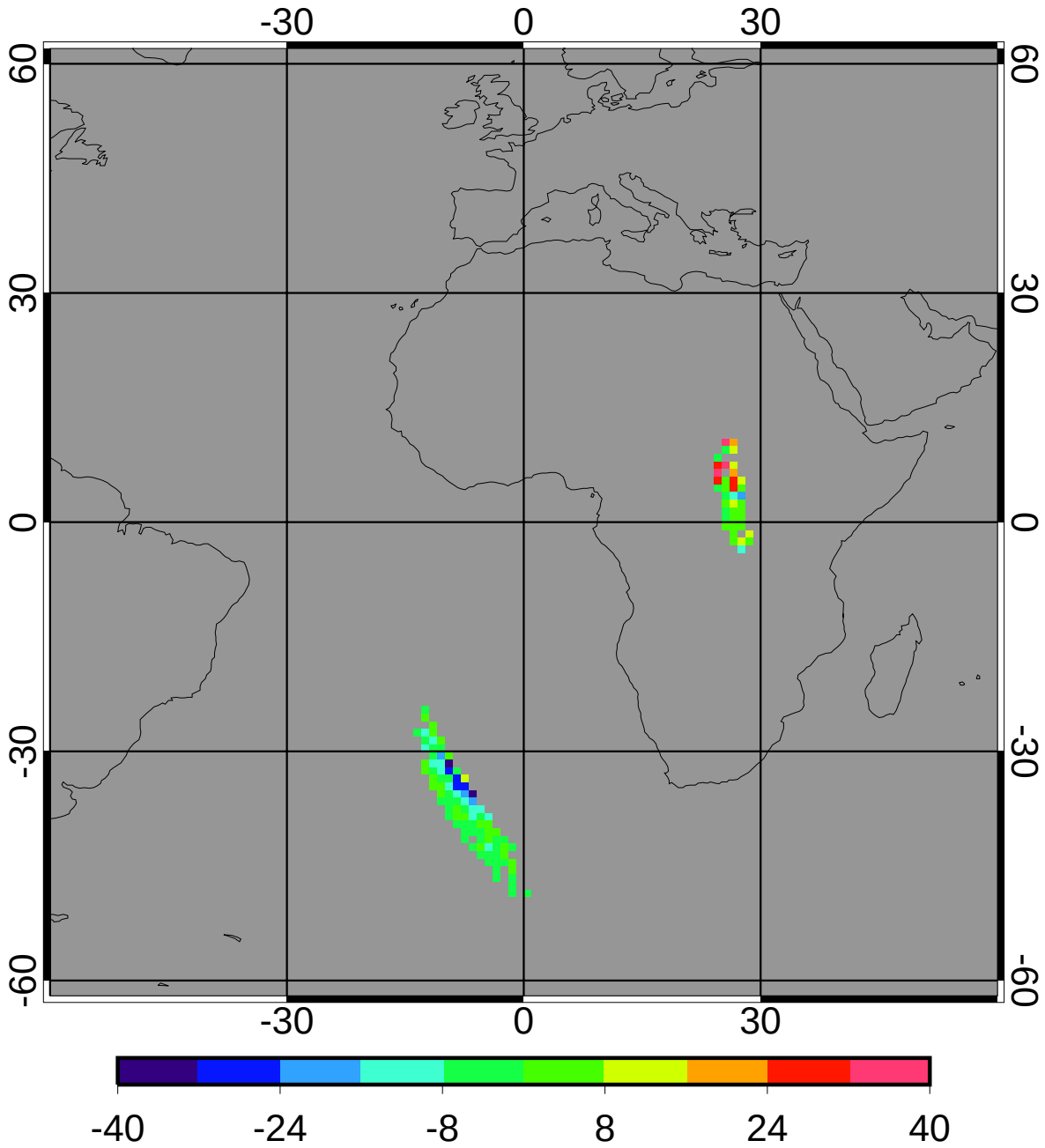
5ch_39cal Apr 2010 (matched angle)



266.64

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

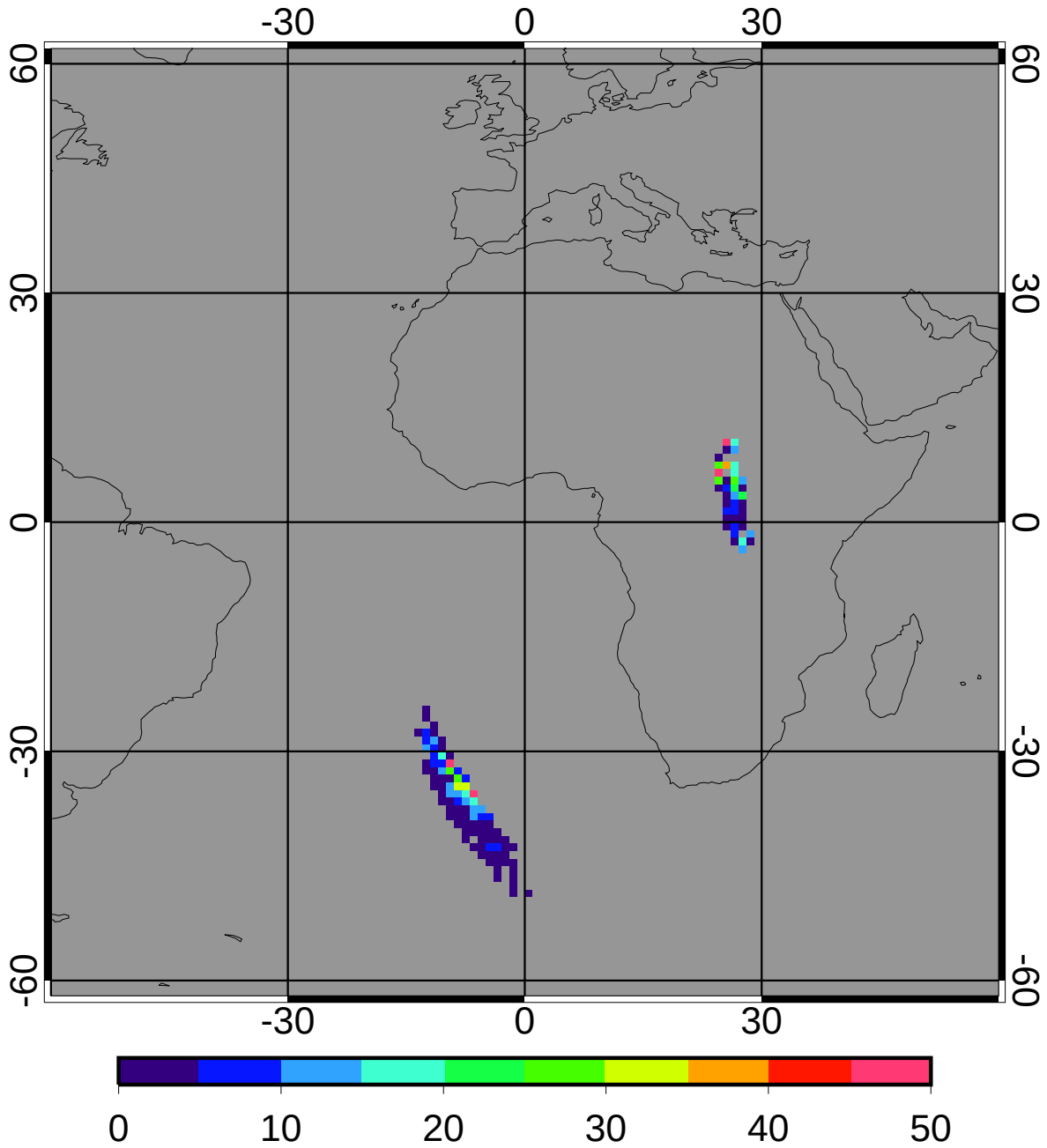
5ch_39cal Apr 2010 (matched angle)



bias	-0.49	-0.18%
domain sigma	12.82	4.81%

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

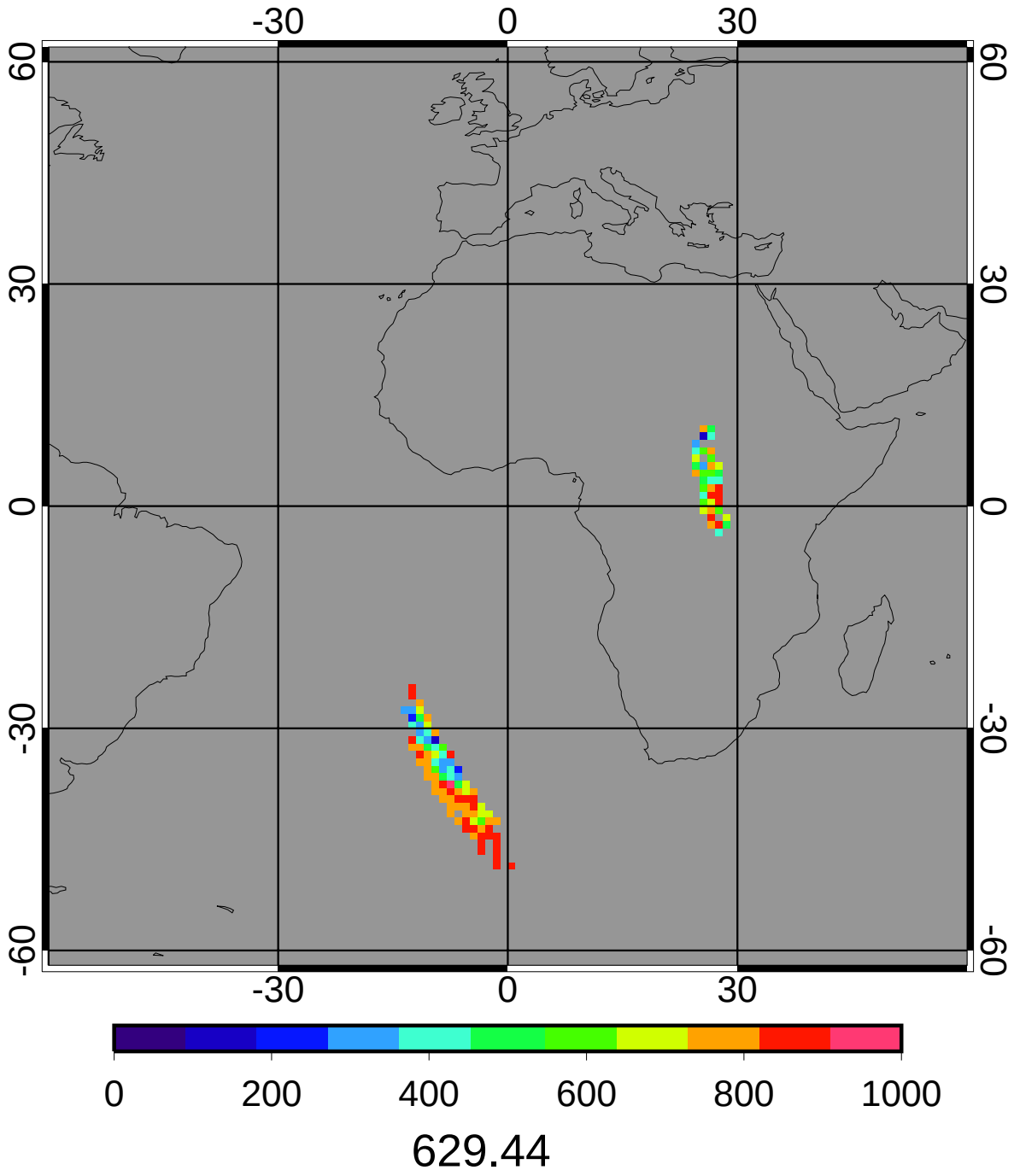
5ch_39cal Apr 2010 (matched angle)



regave rms	8.27	3.10%
domain rms	12.93	4.85%

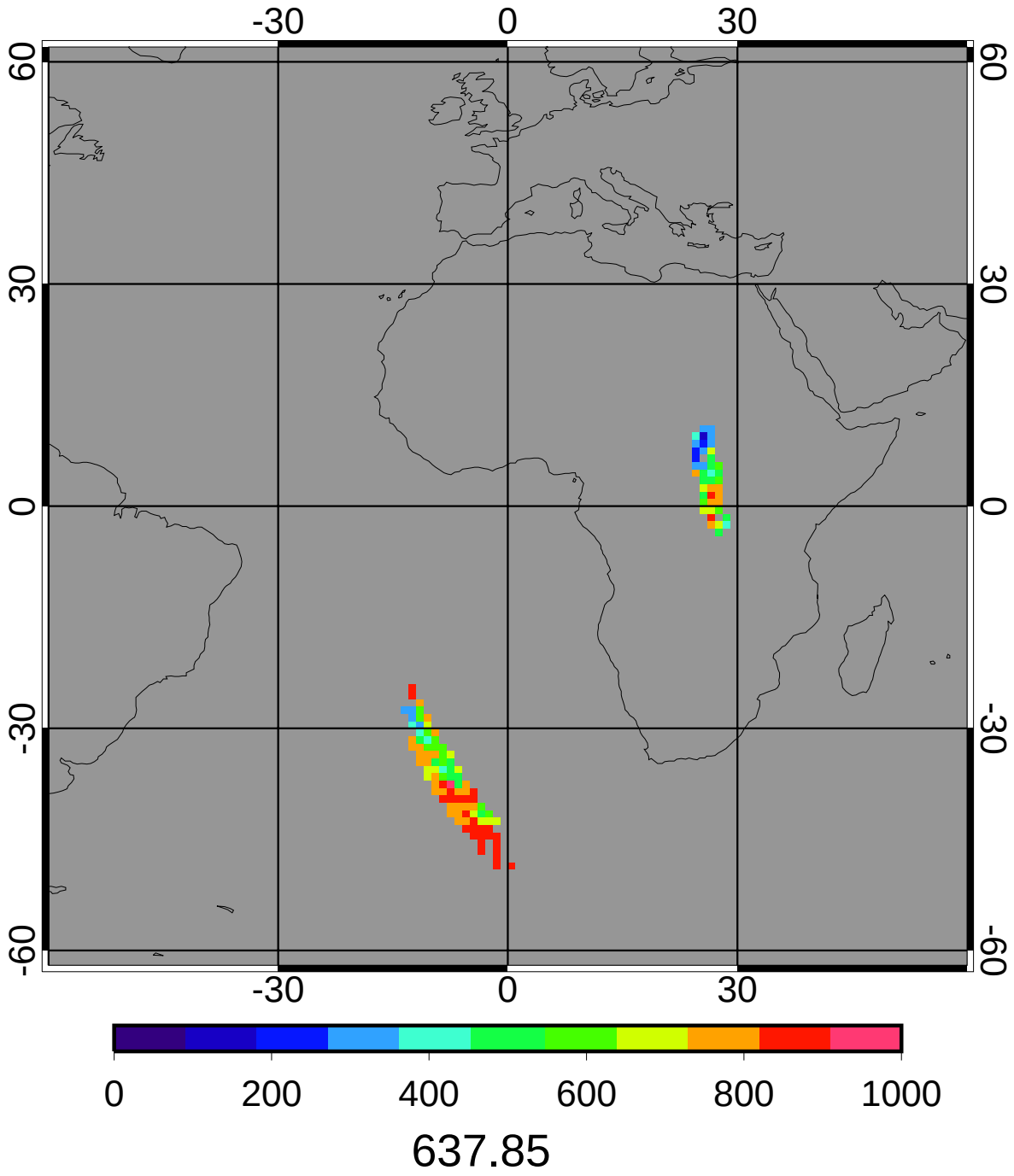
GGEO MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



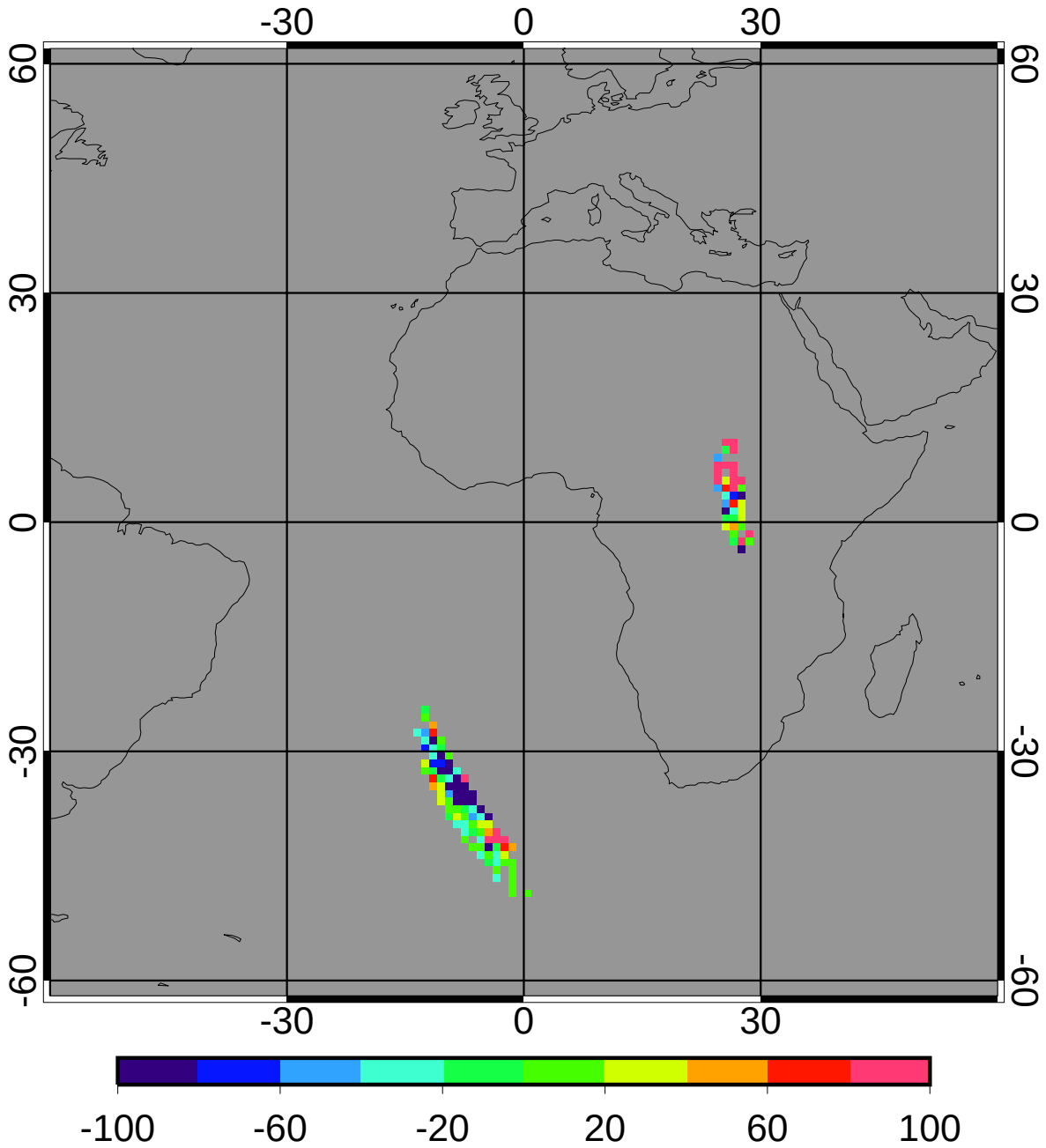
CERES/Aqua MEAN Daytime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



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

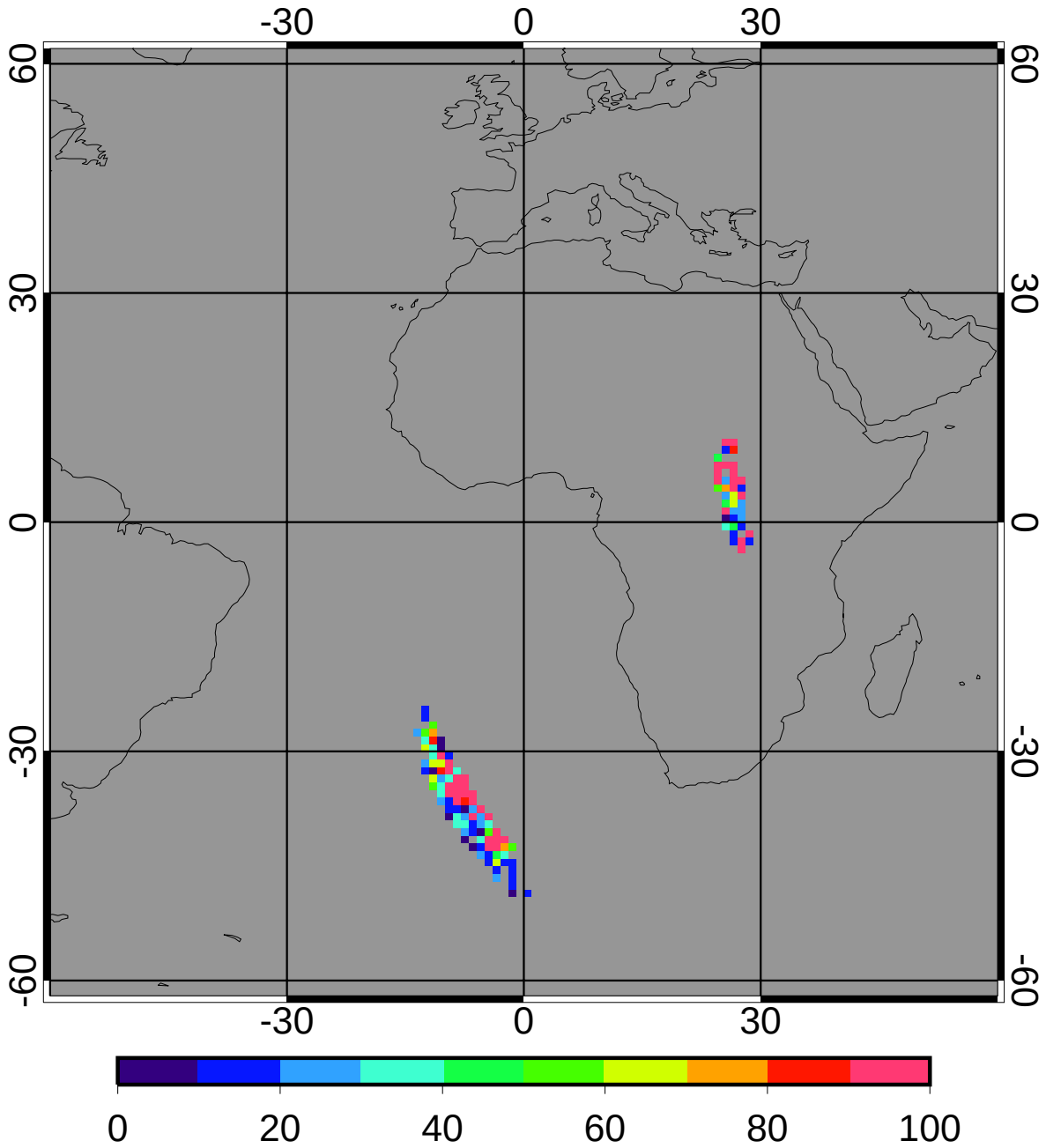
5ch_39cal Apr 2010 (matched angle)



bias	4.49	0.70%
domain sigma	103.55	16.23%

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

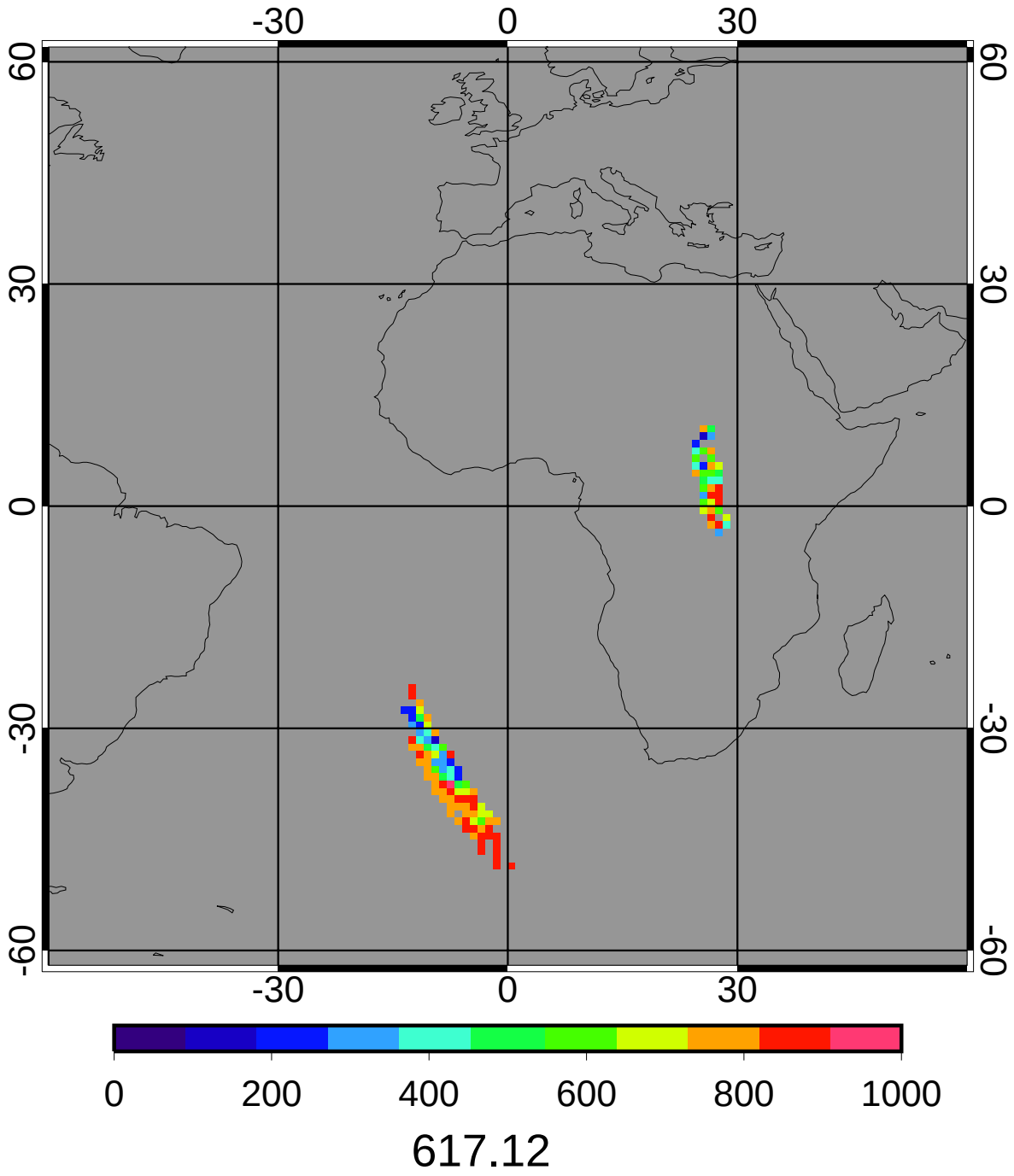
5ch_39cal Apr 2010 (matched angle)



regave rms	75.37	11.82%
domain rms	106.32	16.67%

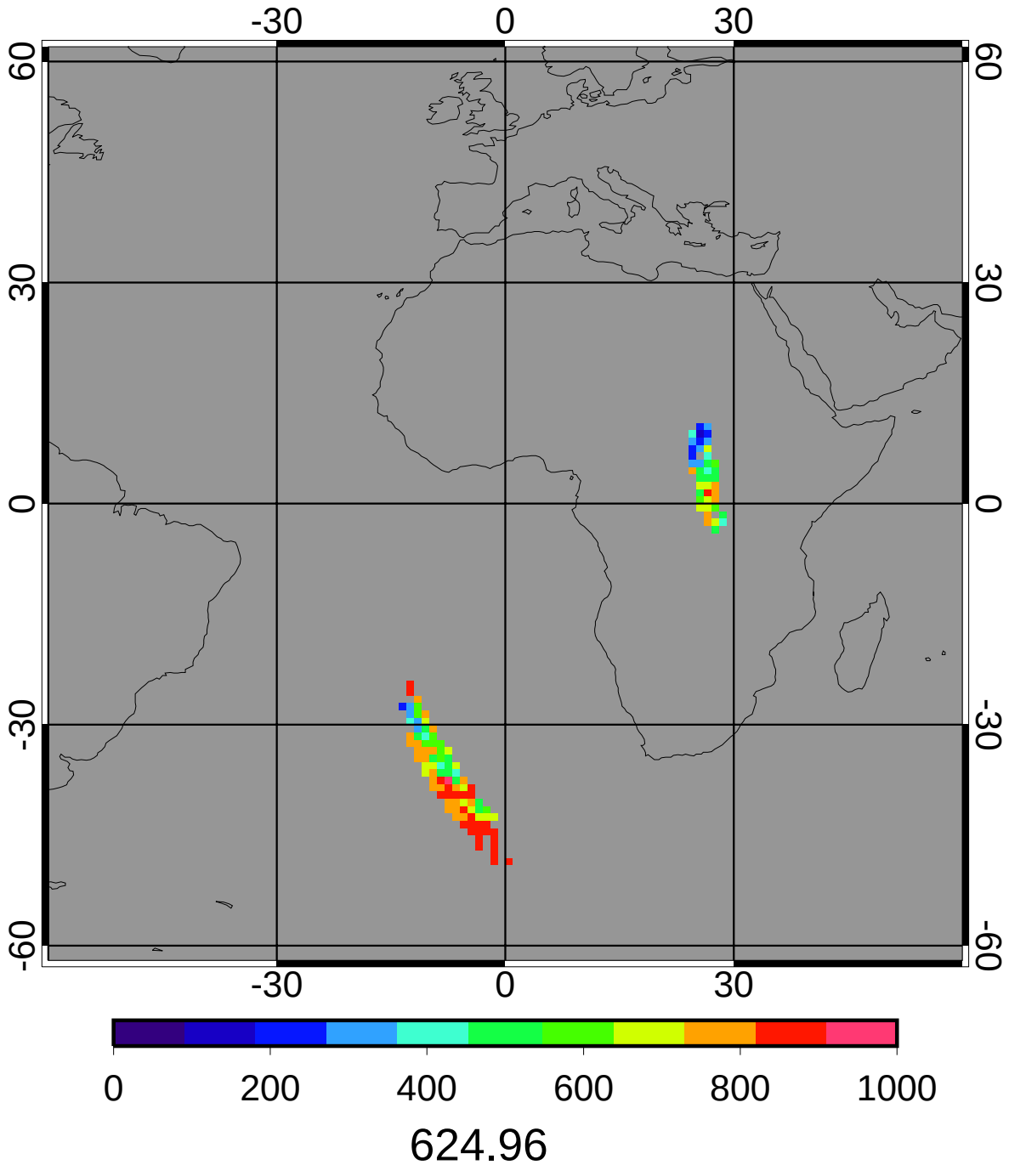
GGEO MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



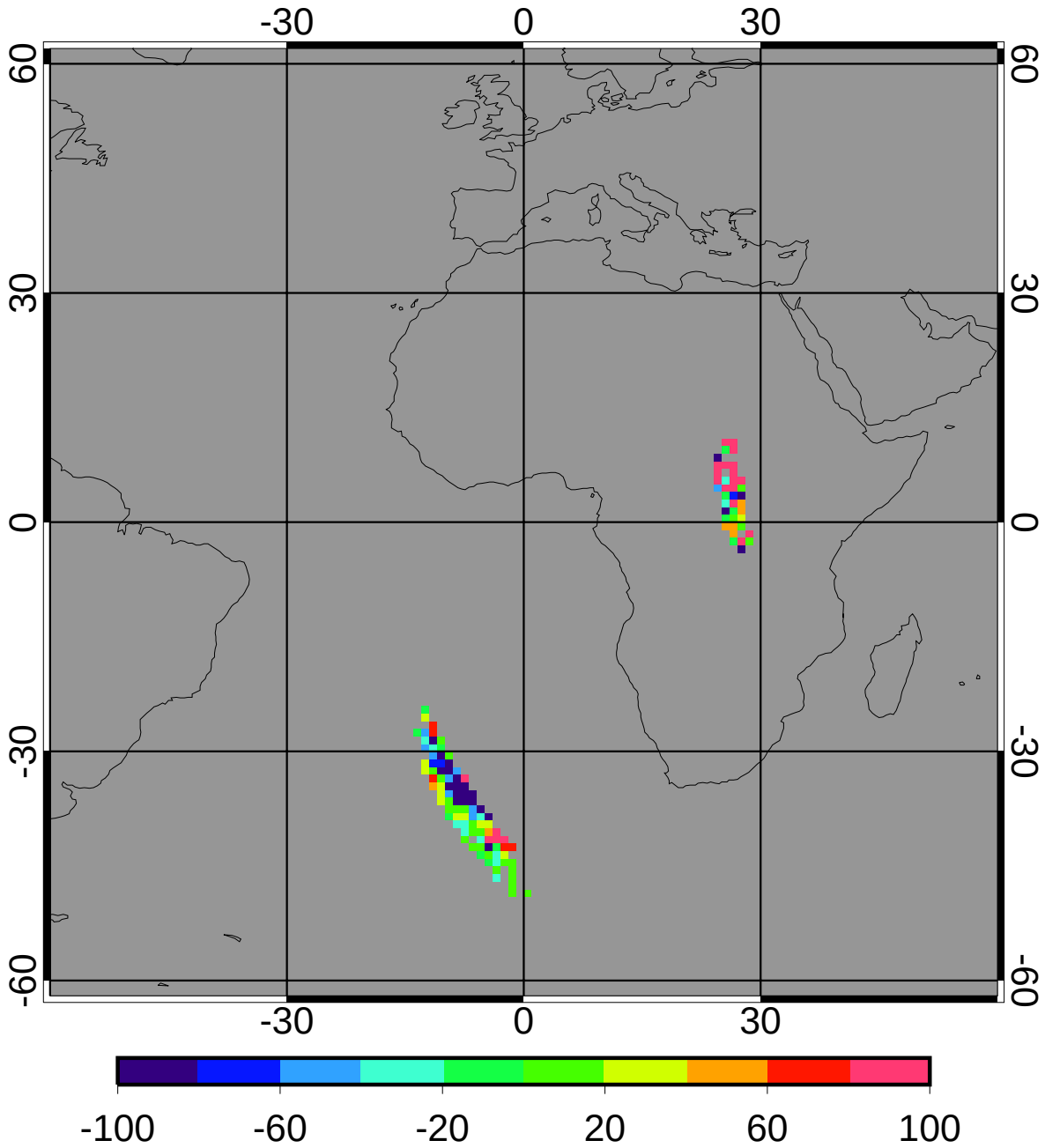
CERES/Aqua MEAN Daytime Cloud Top Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



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

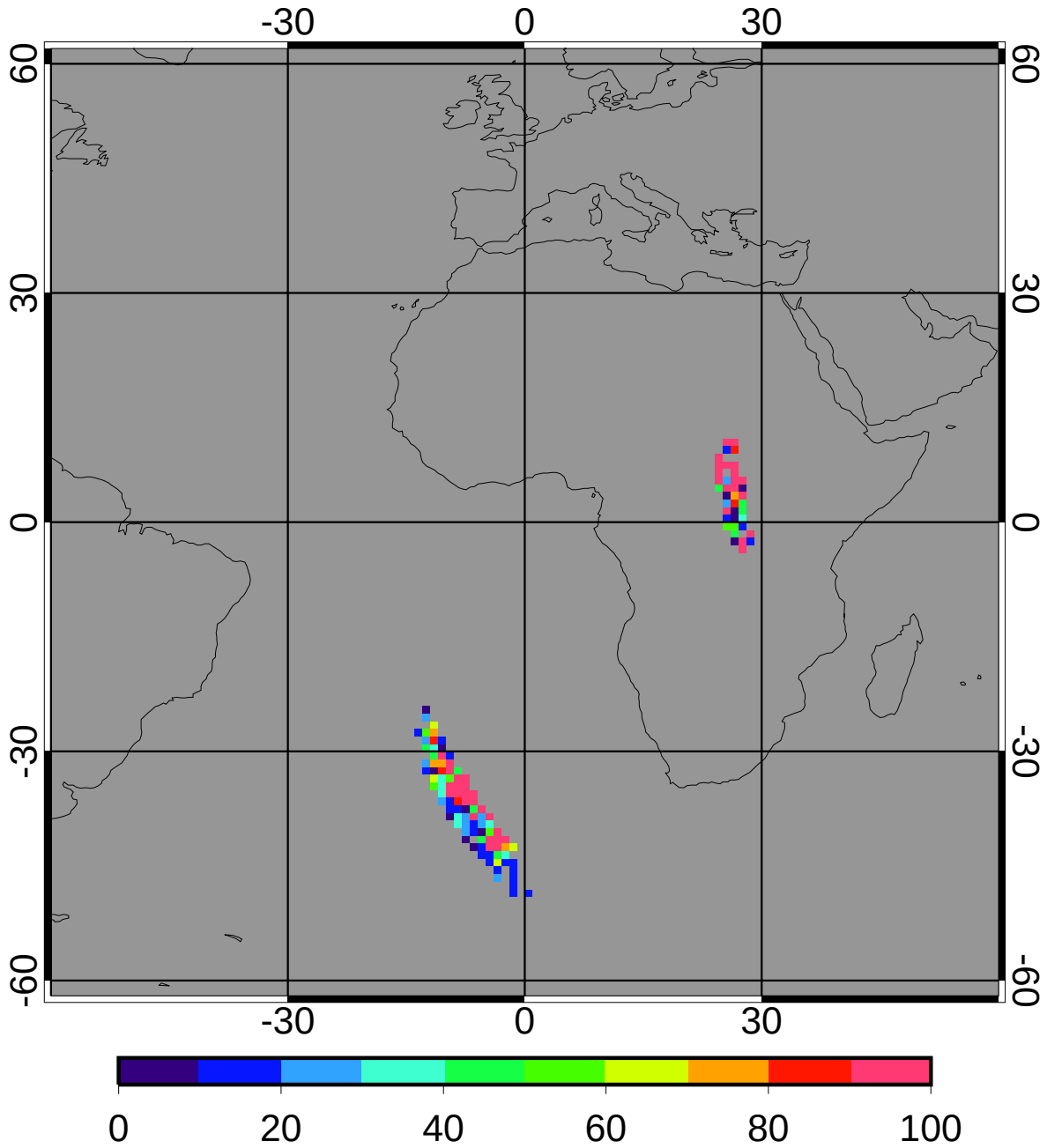
5ch_39cal Apr 2010 (matched angle)



bias	4.90	0.78%
domain sigma	107.94	17.27%

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

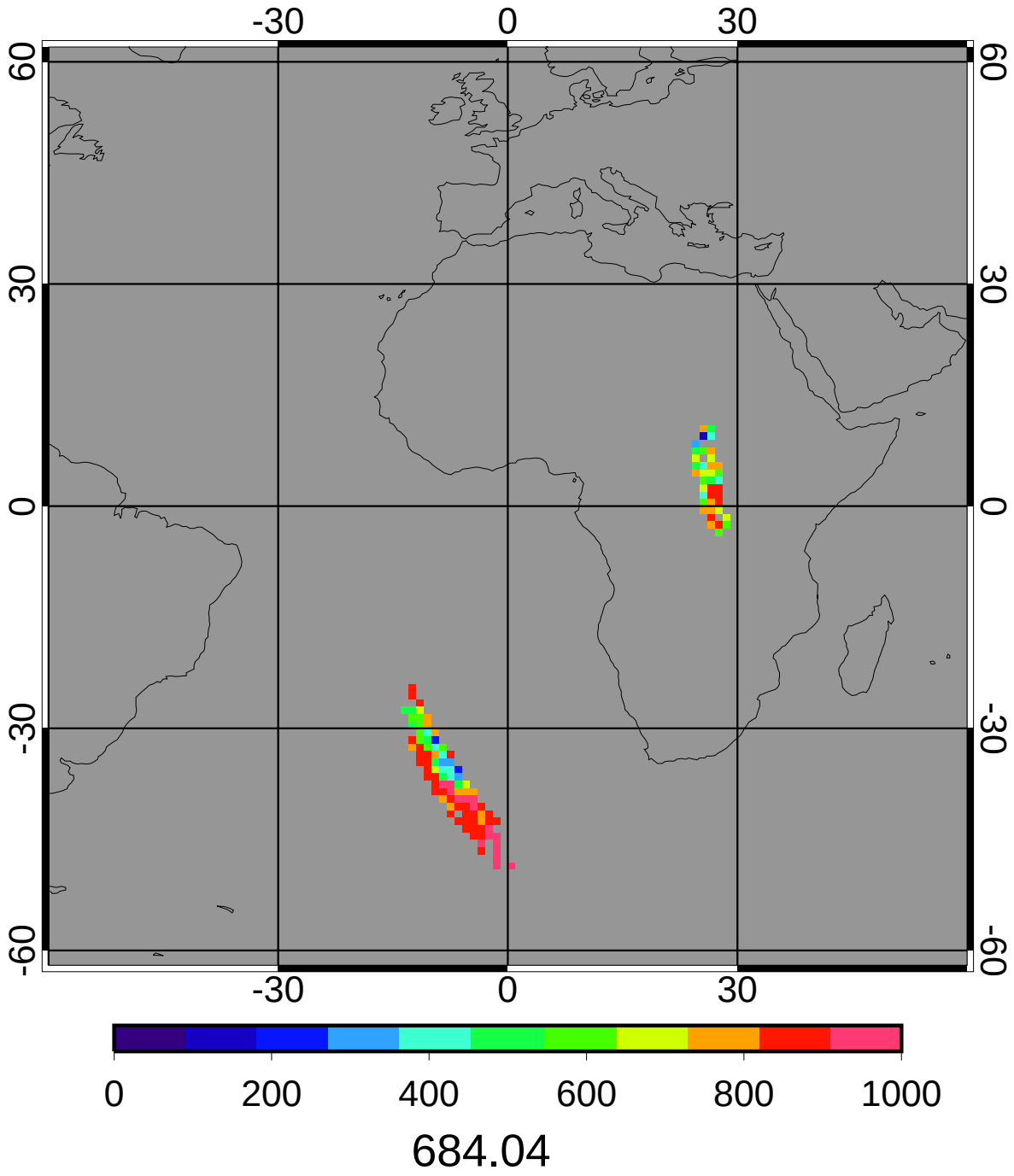
5ch_39cal Apr 2010 (matched angle)



regave rms	79.48	12.72%
domain rms	110.82	17.73%

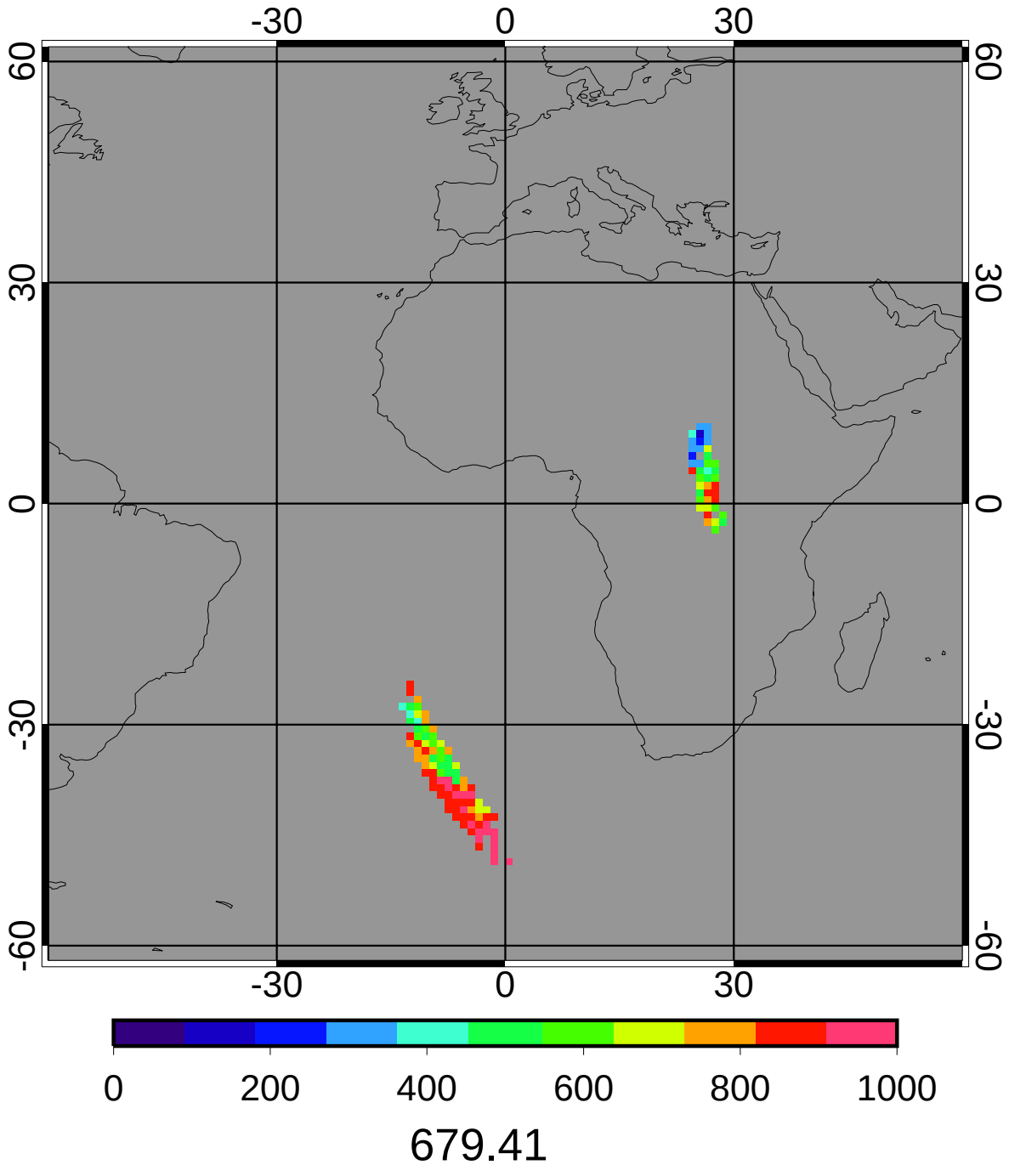
GGEO MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



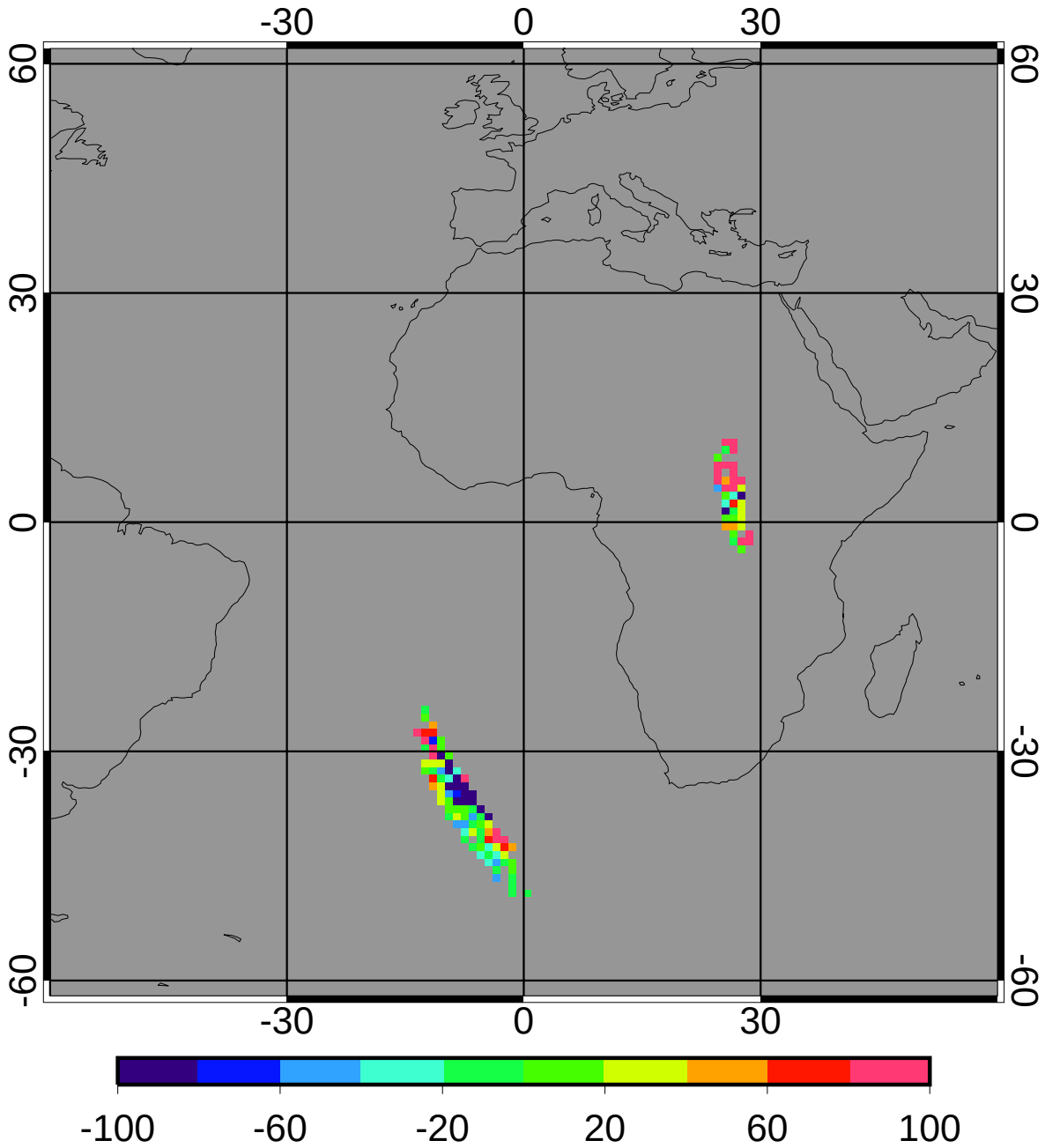
CERES/Aqua MEAN Daytime Cloud Base Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



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

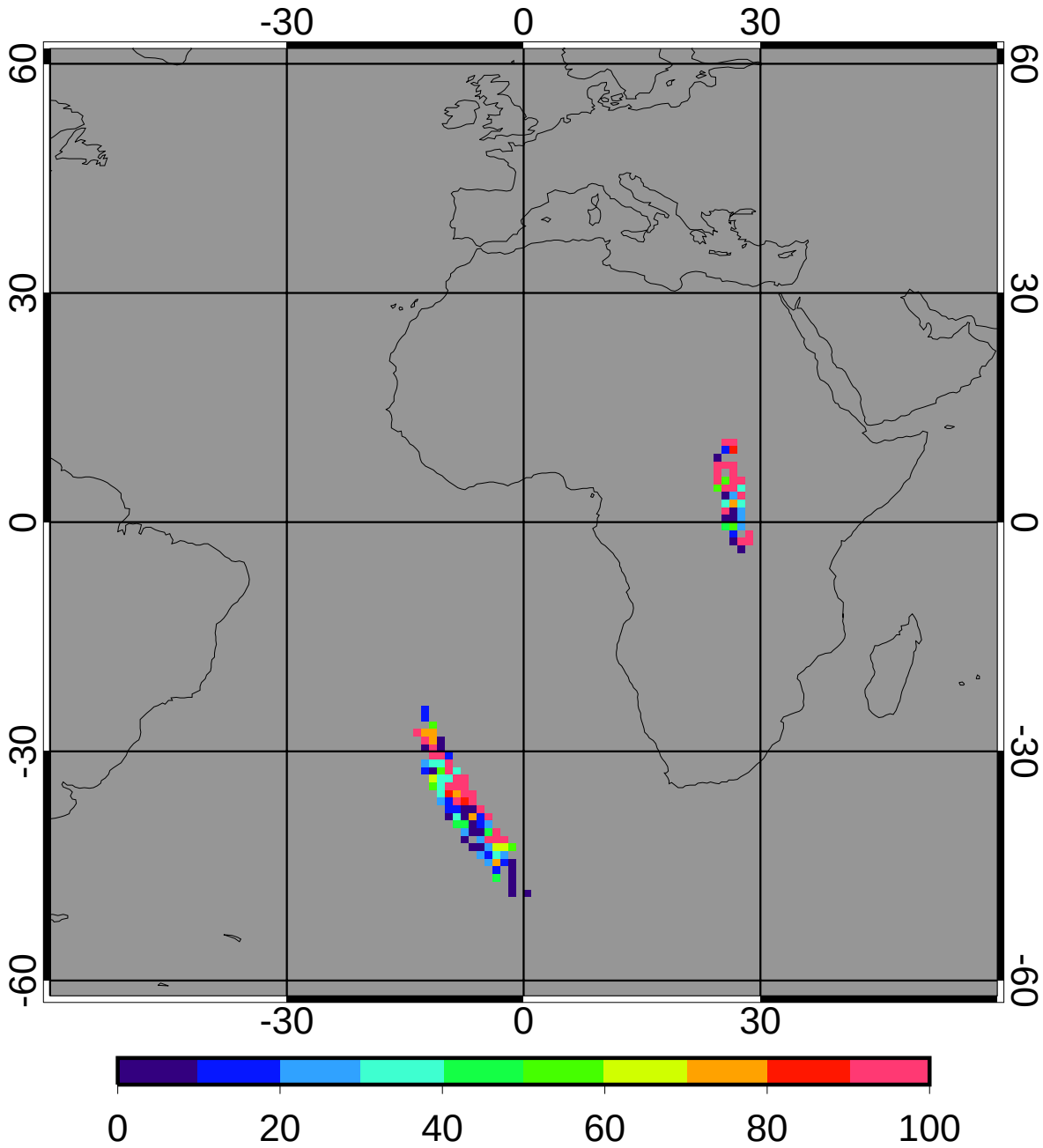
5ch_39cal Apr 2010 (matched angle)



bias	17.81	2.62%
domain sigma	102.00	15.01%

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

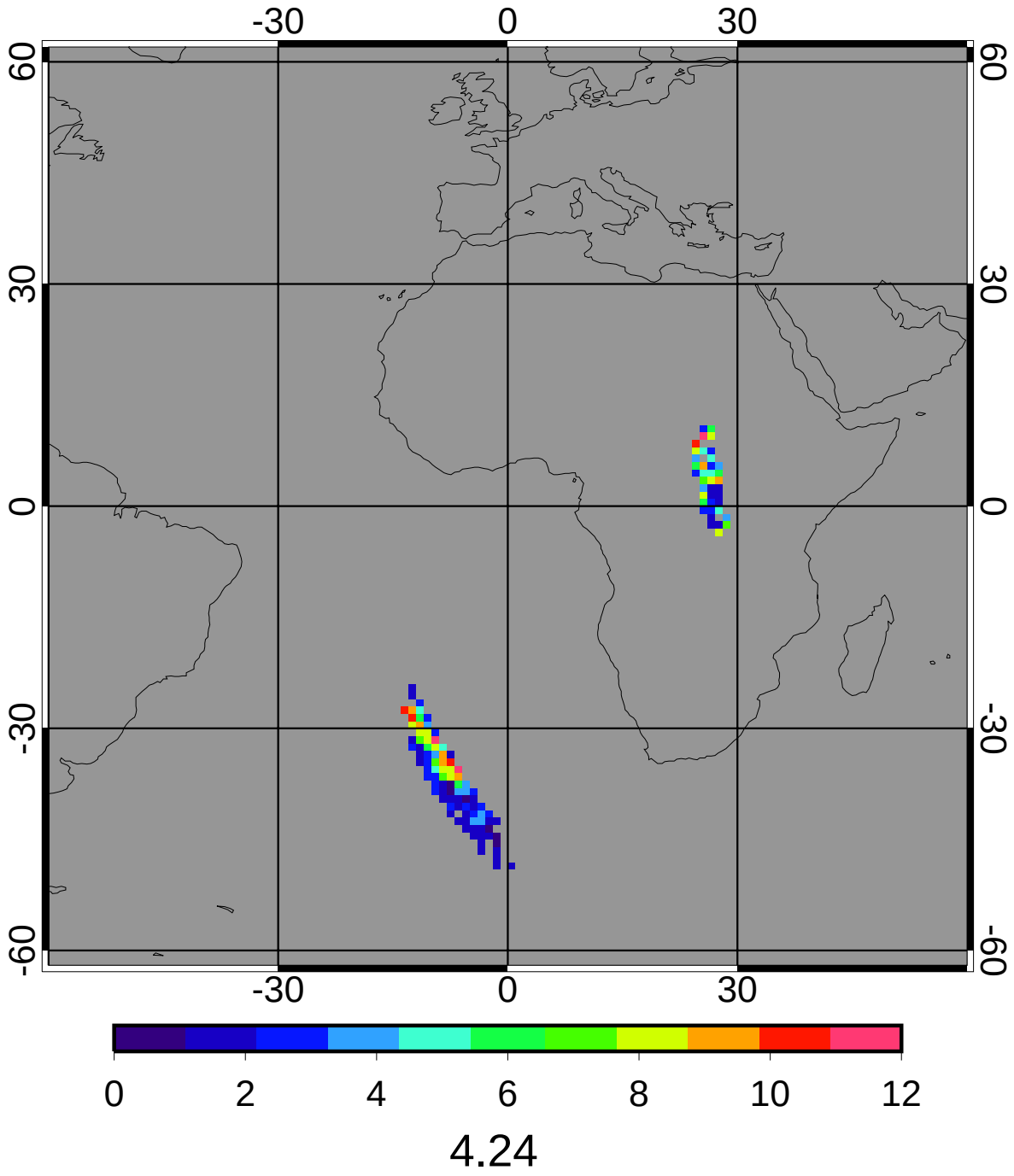
5ch_39cal Apr 2010 (matched angle)



regave rms	73.36	10.80%
domain rms	105.17	15.48%

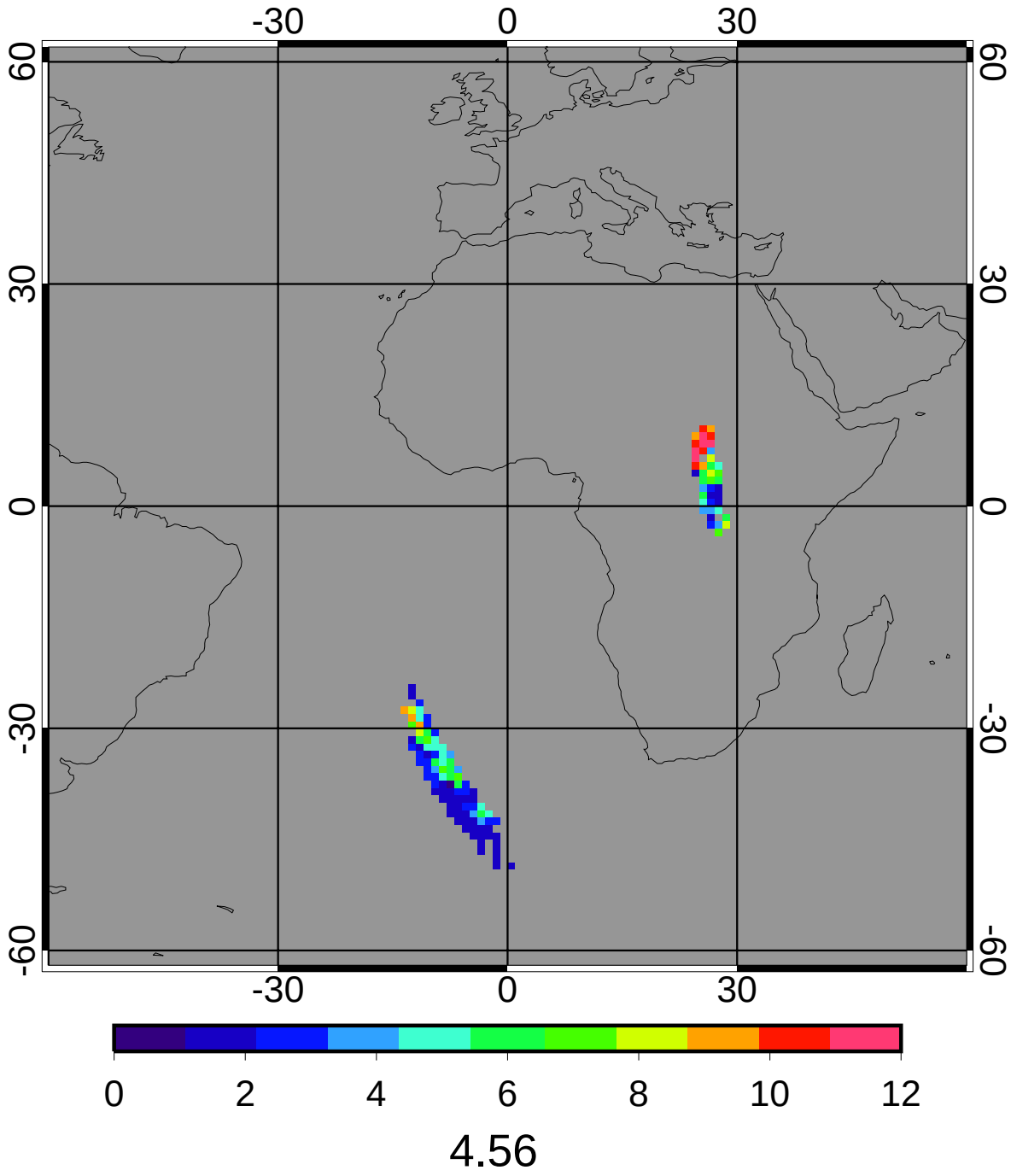
GGEO MEAN Daytime Cloud Eff Height (km)

5ch_39cal Apr 2010 (matched angle)



CERES/Aqua MEAN Daytime Cloud Eff Height (km)

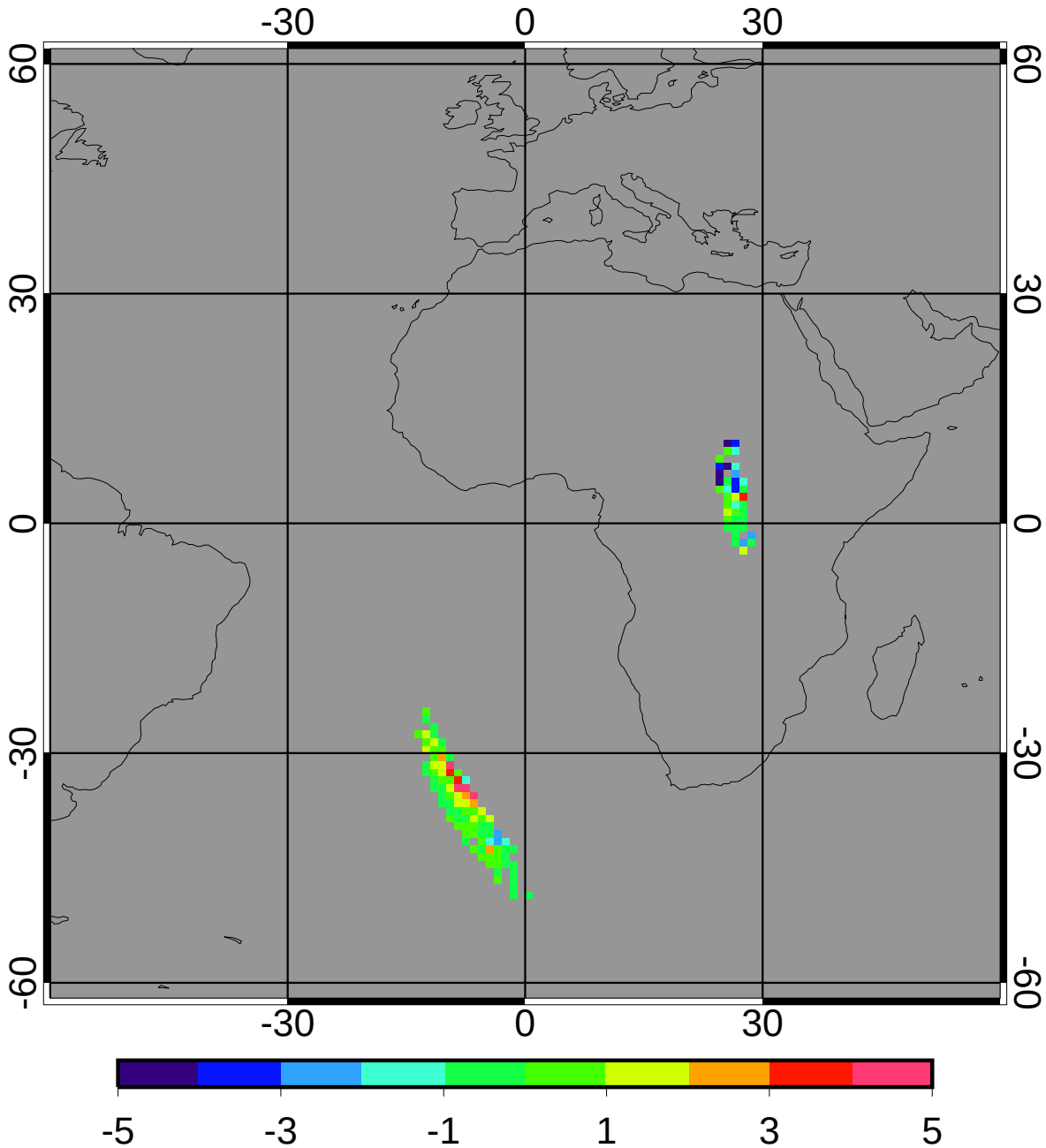
5ch_39cal Apr 2010 (matched angle)



4.56

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

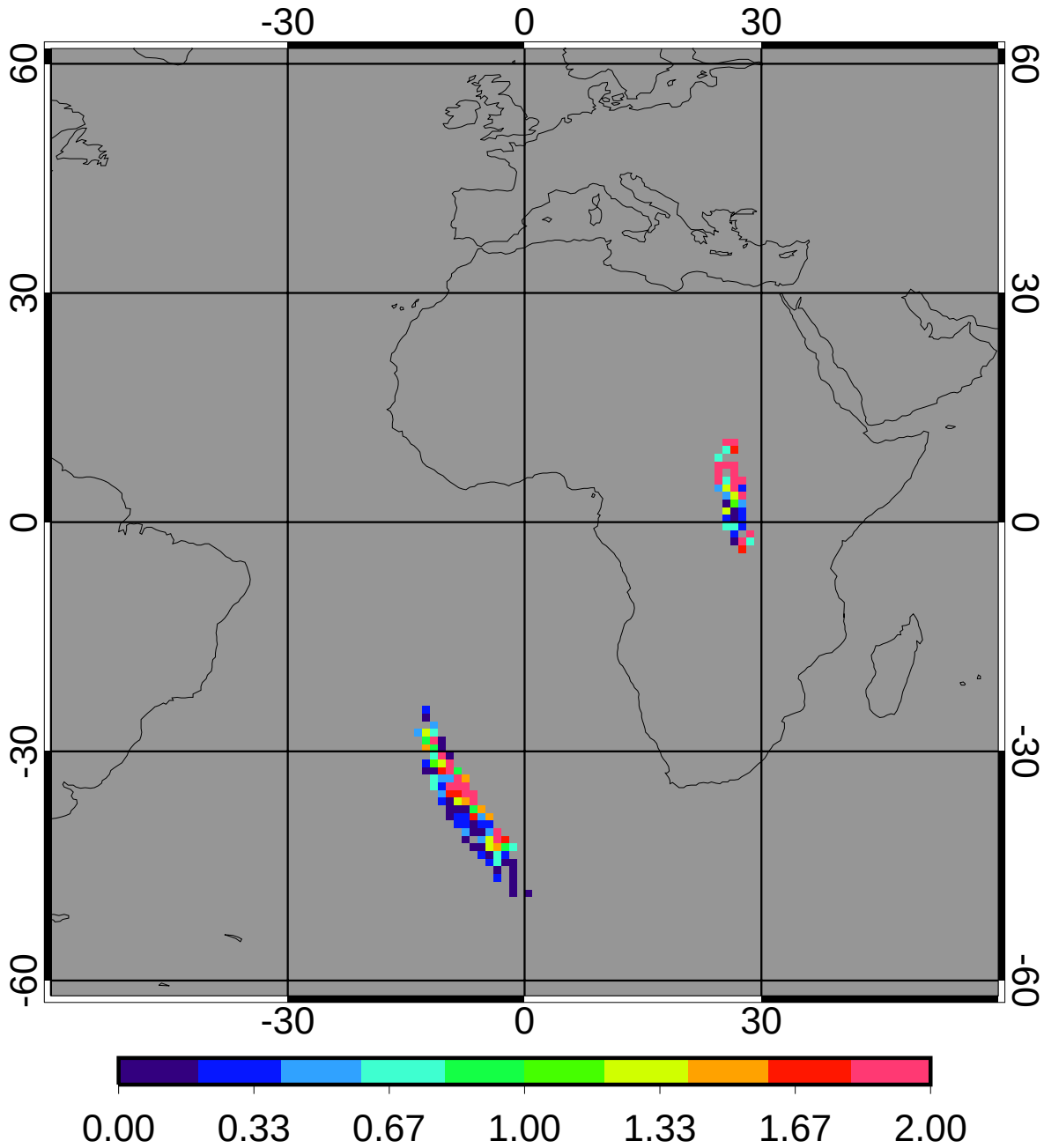
5ch_39cal Apr 2010 (matched angle)



bias	-0.03	-0.64%
domain sigma	1.88	41.30%

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

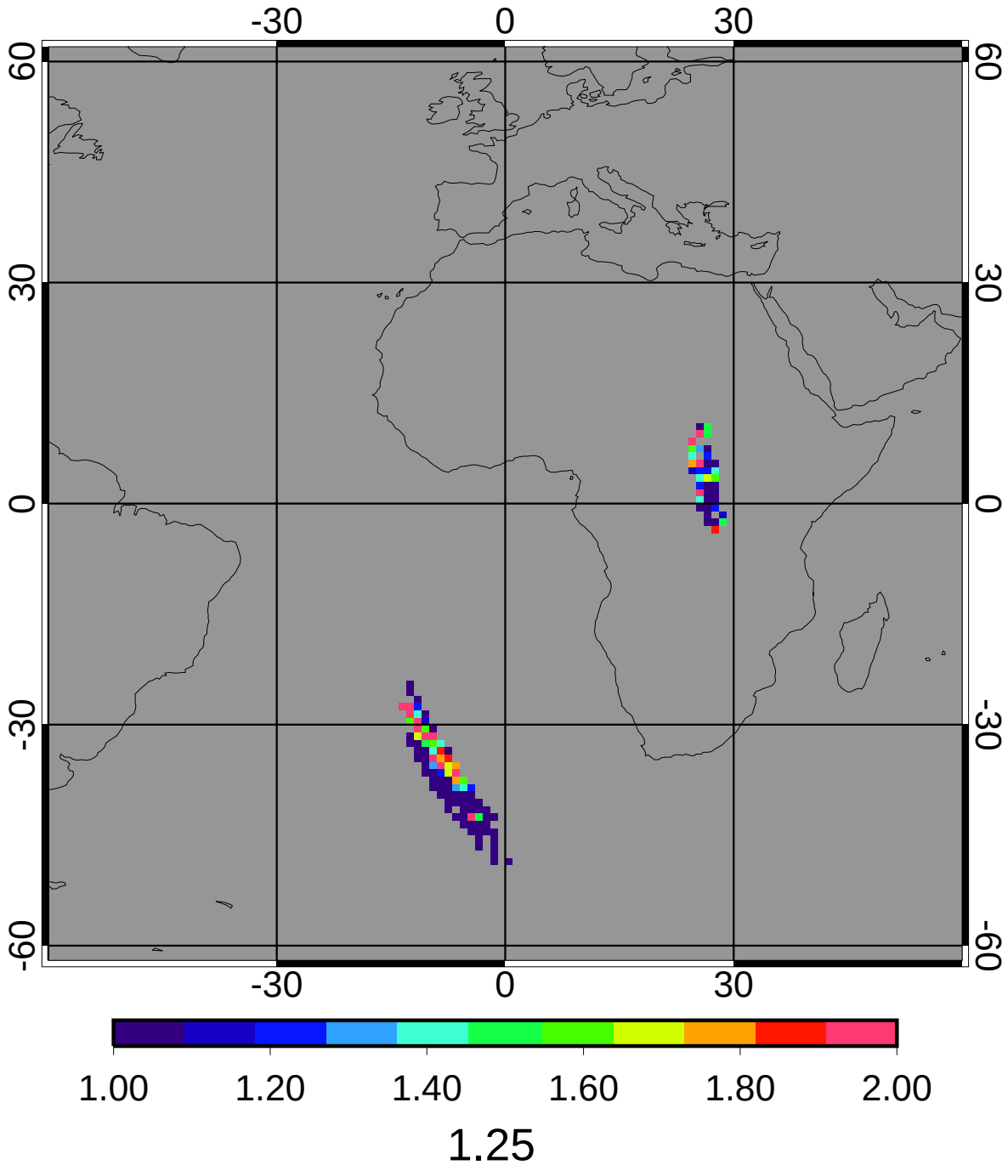
5ch_39cal Apr 2010 (matched angle)



regave rms	1.29	28.21%
domain rms	1.92	42.09%

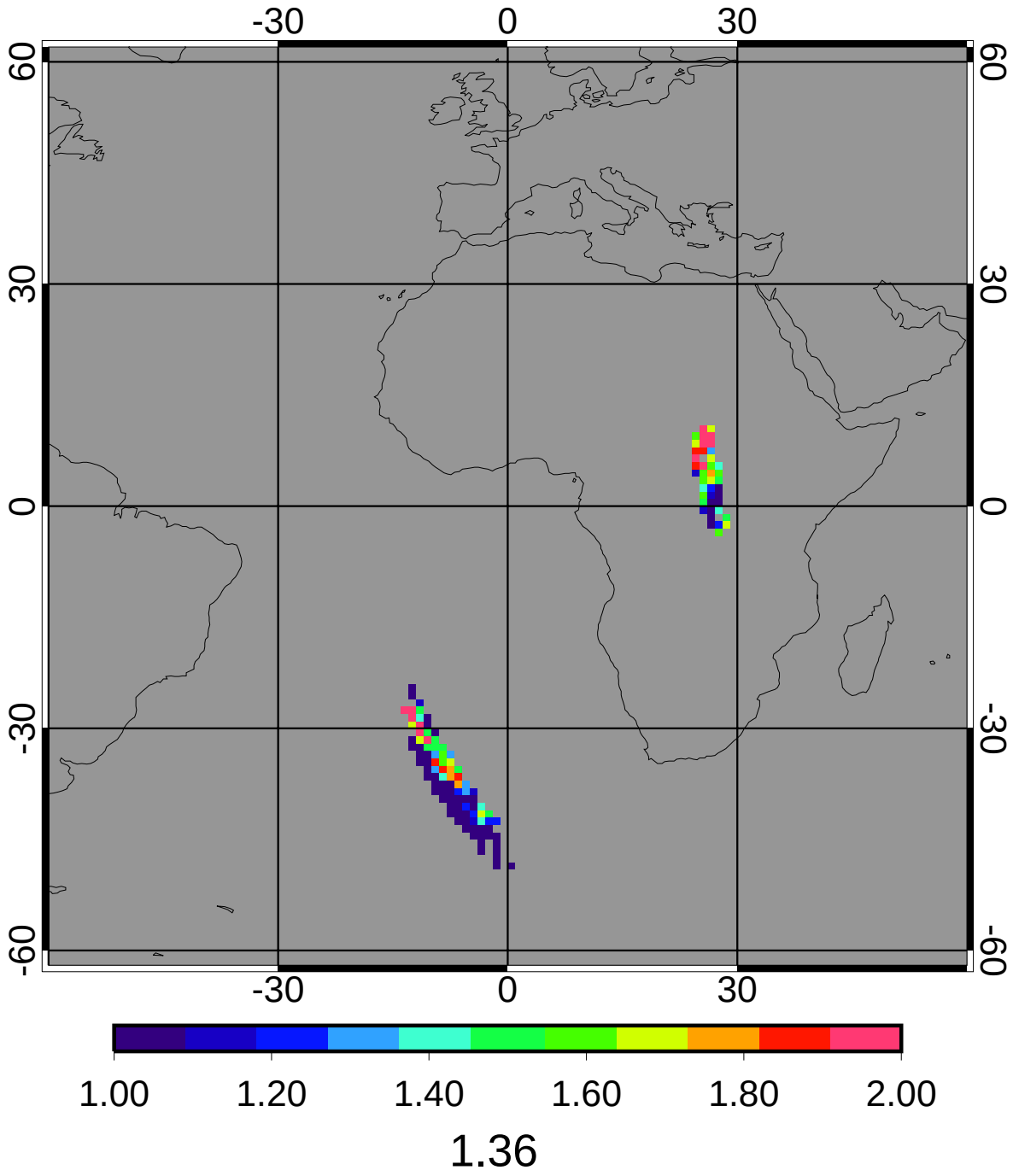
GGEO MEAN Daytime Cloud Phase

5ch_39cal Apr 2010 (matched angle)



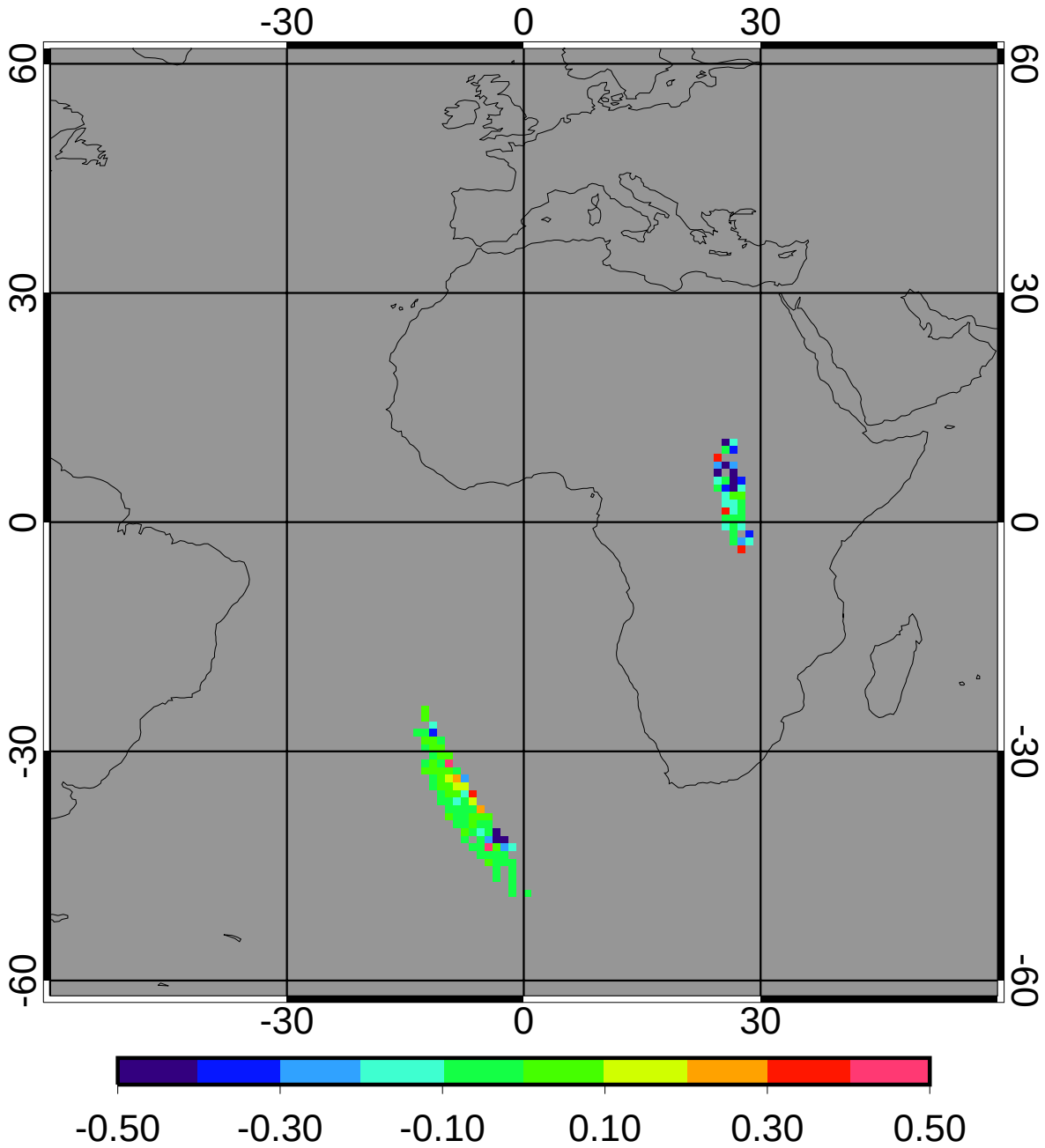
CERES/Aqua MEAN Daytime Cloud Phase

5ch_39cal Apr 2010 (matched angle)



GGEO - CERES/Aqua Daytime Cloud Phase Bias

5ch_39cal Apr 2010 (matched angle)

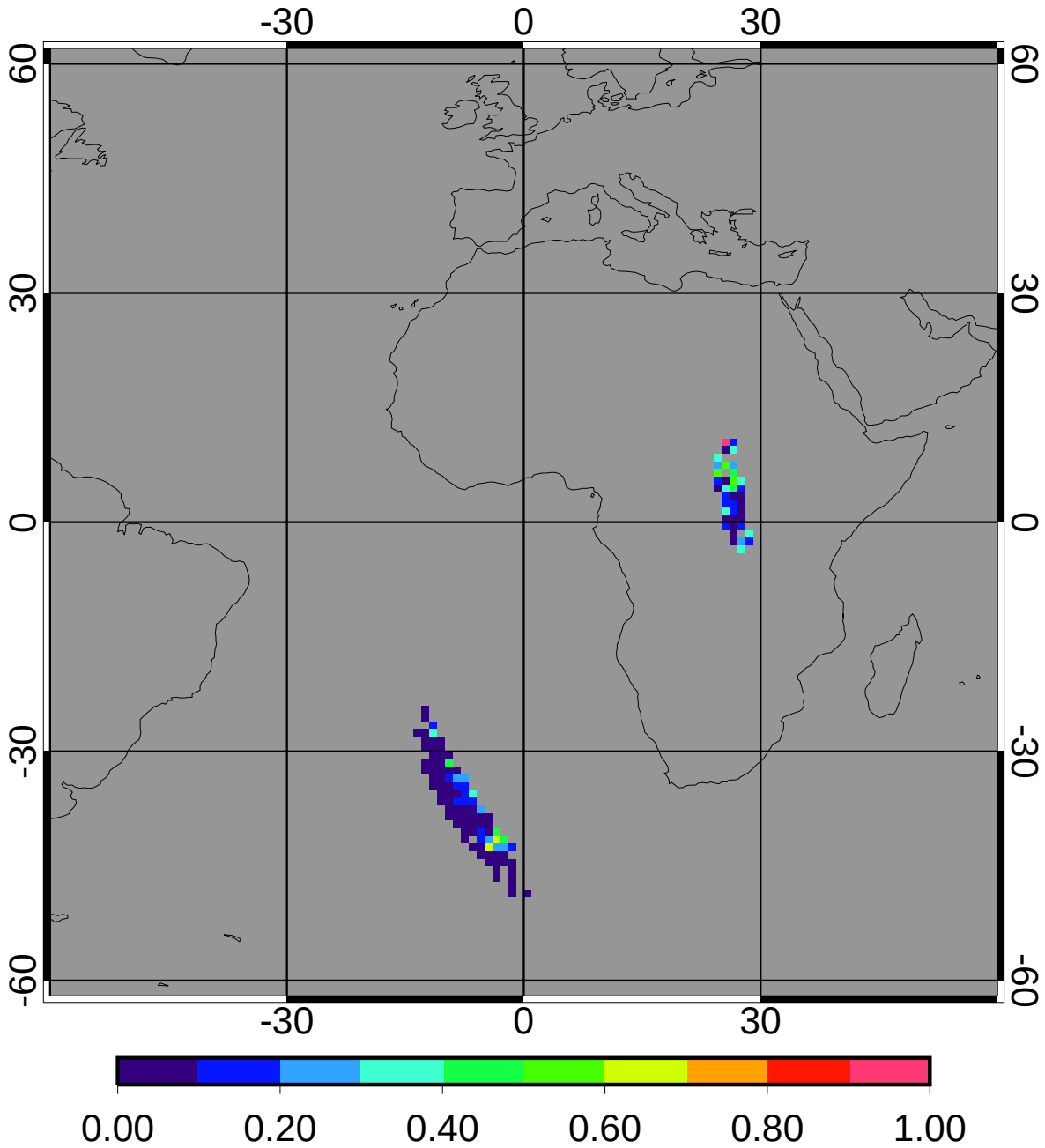


-0.50 -0.30 -0.10 0.10 0.30 0.50

bias	-0.06	-4.27%
domain sigma	0.19	13.89%

GGEO - CERES/Aqua Daytime Cloud Phase RMS

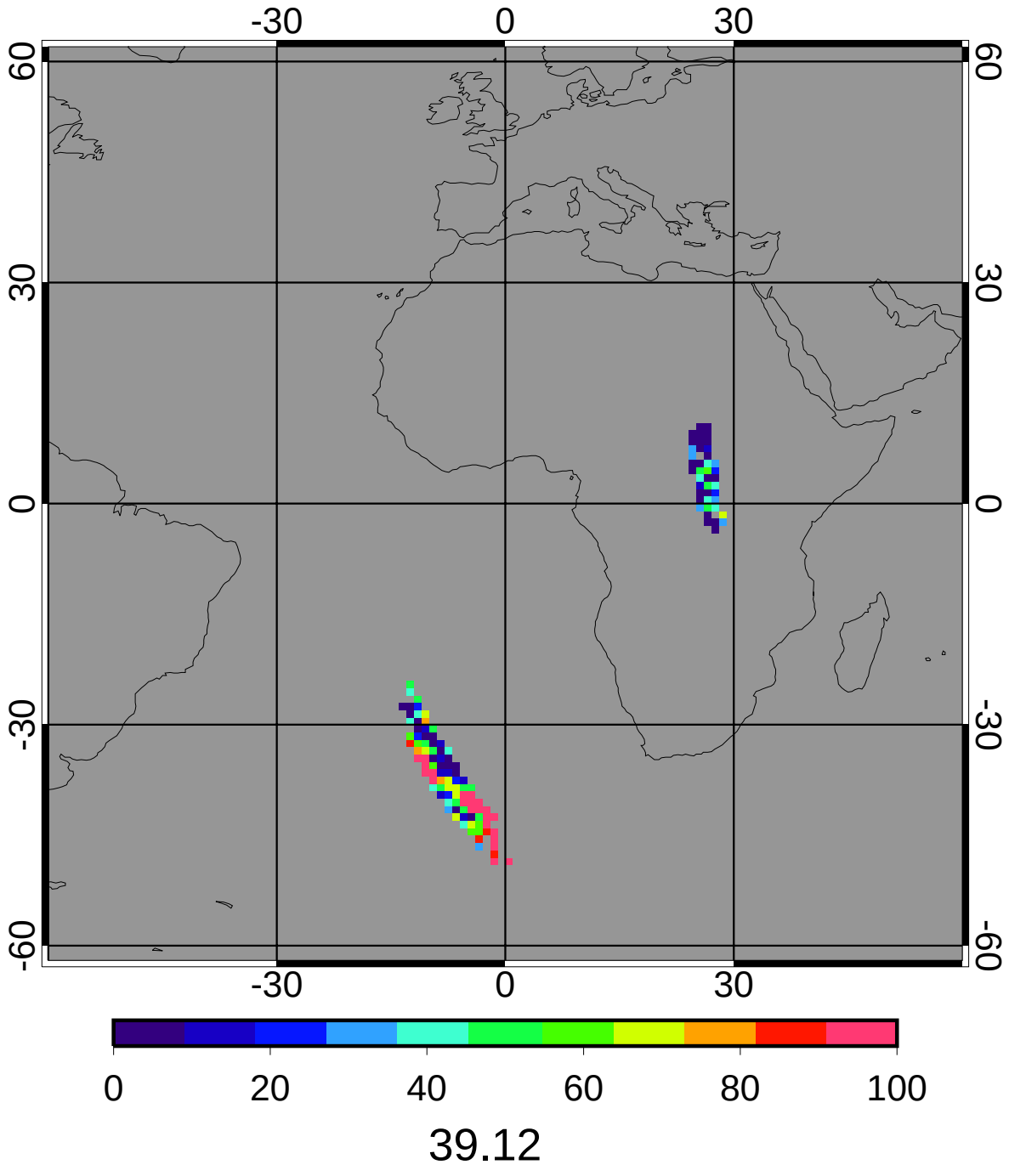
5ch_39cal Apr 2010 (matched angle)



regave rms	0.13	9.60%
domain rms	0.19	14.31%

GGEO MEAN Daytime Liquid Cld Amt (%)

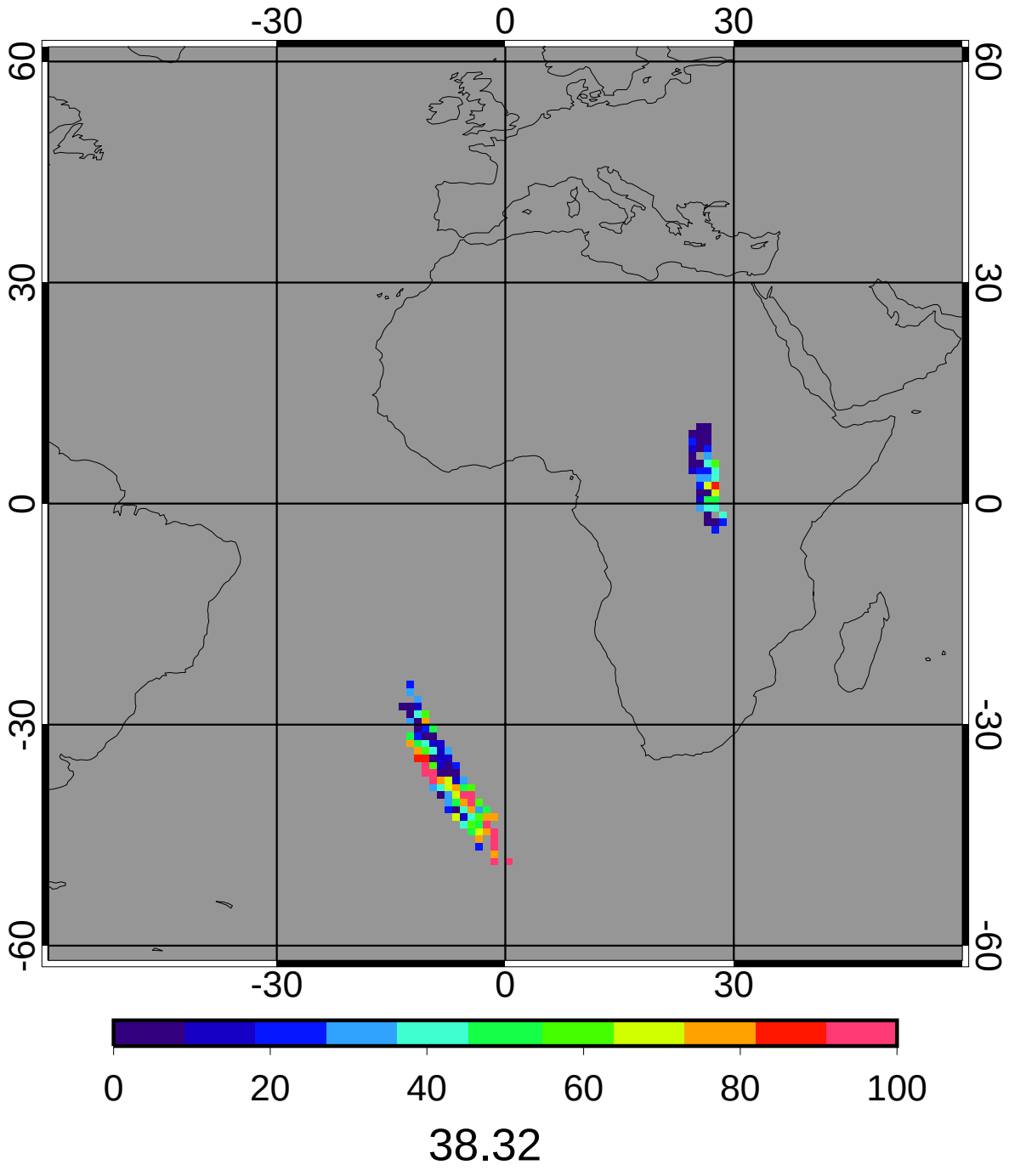
5ch_39cal Apr 2010 (matched angle)



39.12

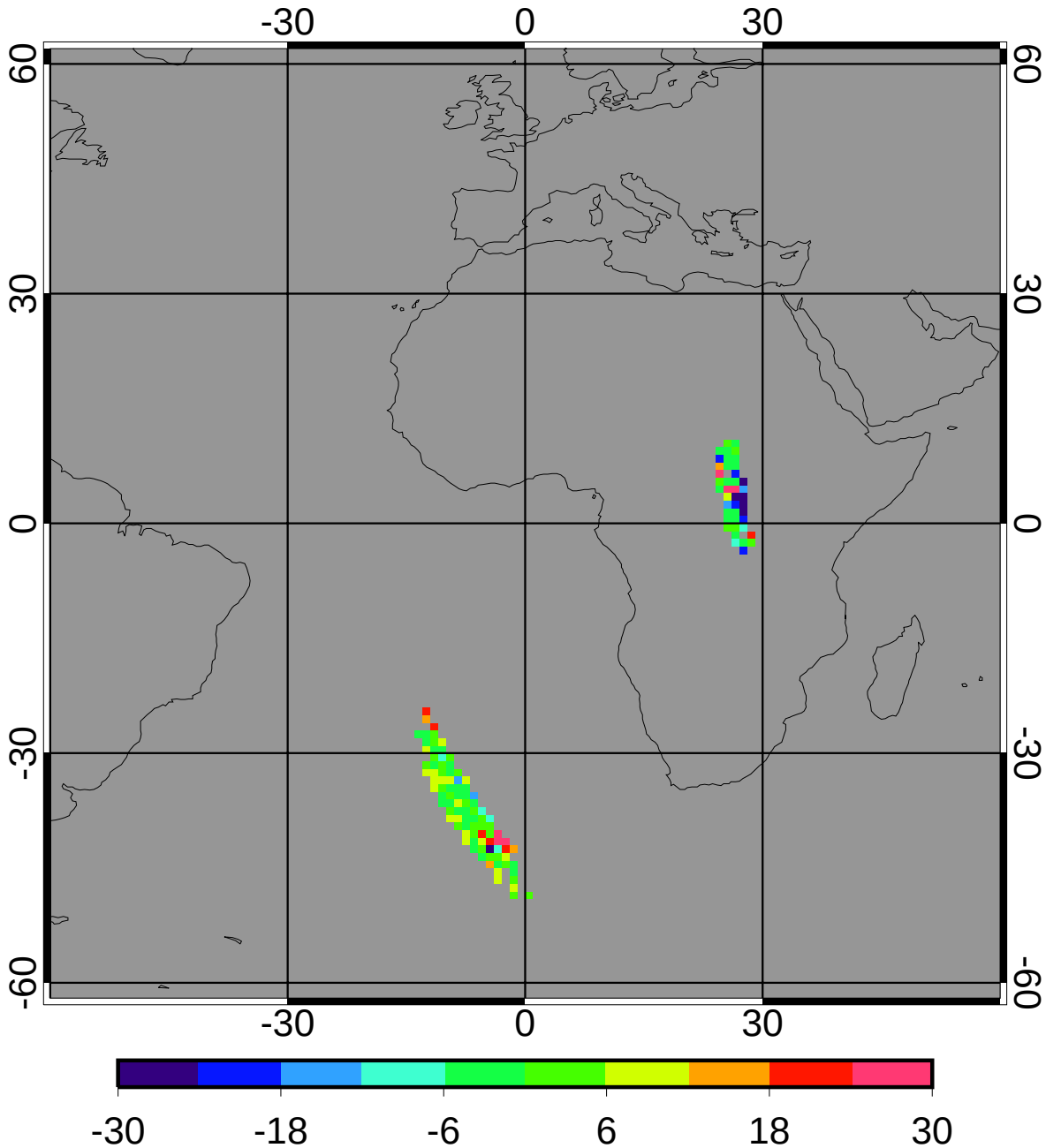
CERES/Aqua MEAN Daytime Liquid Cld Amt (%)

5ch_39cal Apr 2010 (matched angle)



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

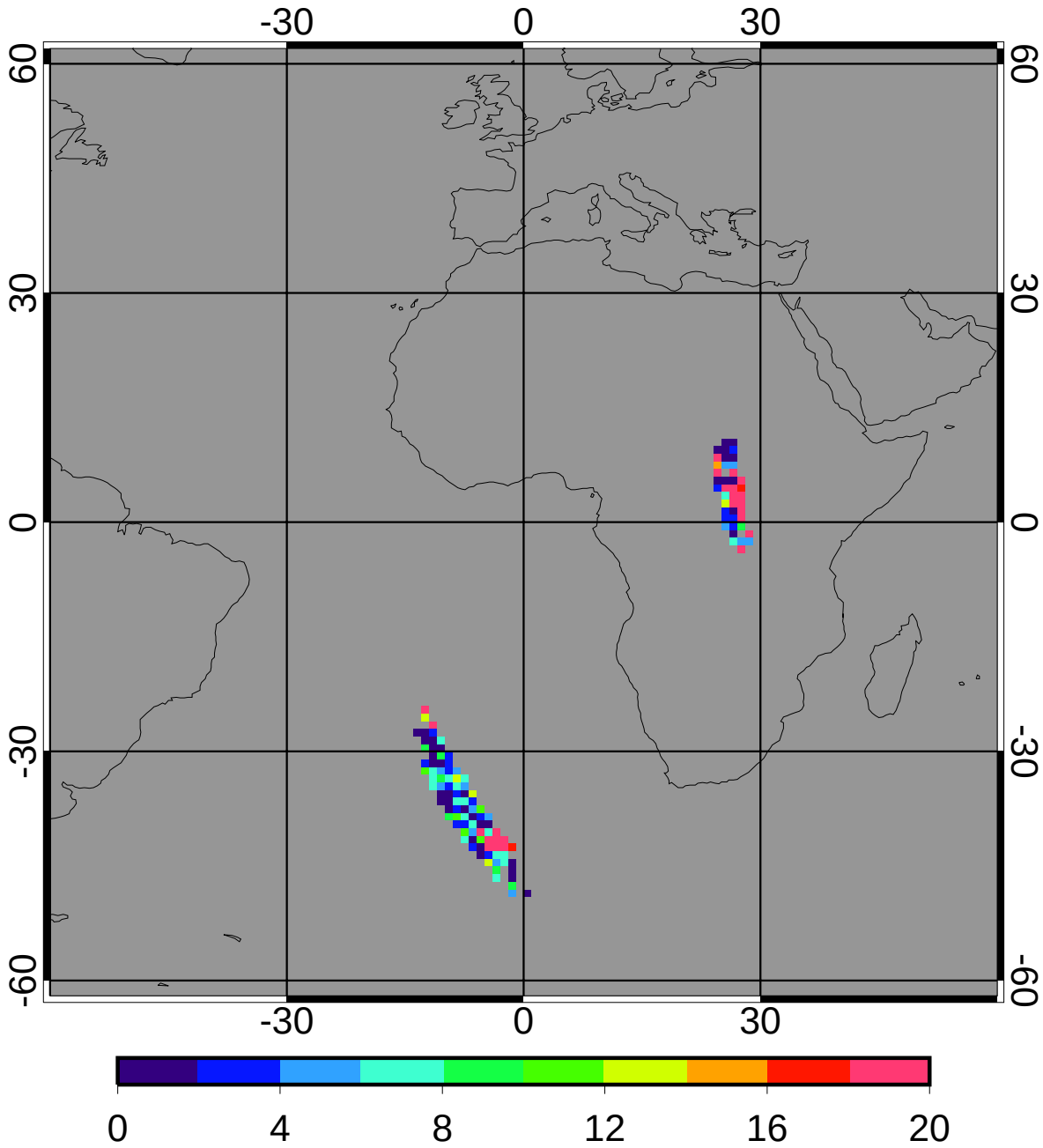
5ch_39cal Apr 2010 (matched angle)



bias	0.80	2.08%
domain sigma	12.62	32.93%

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

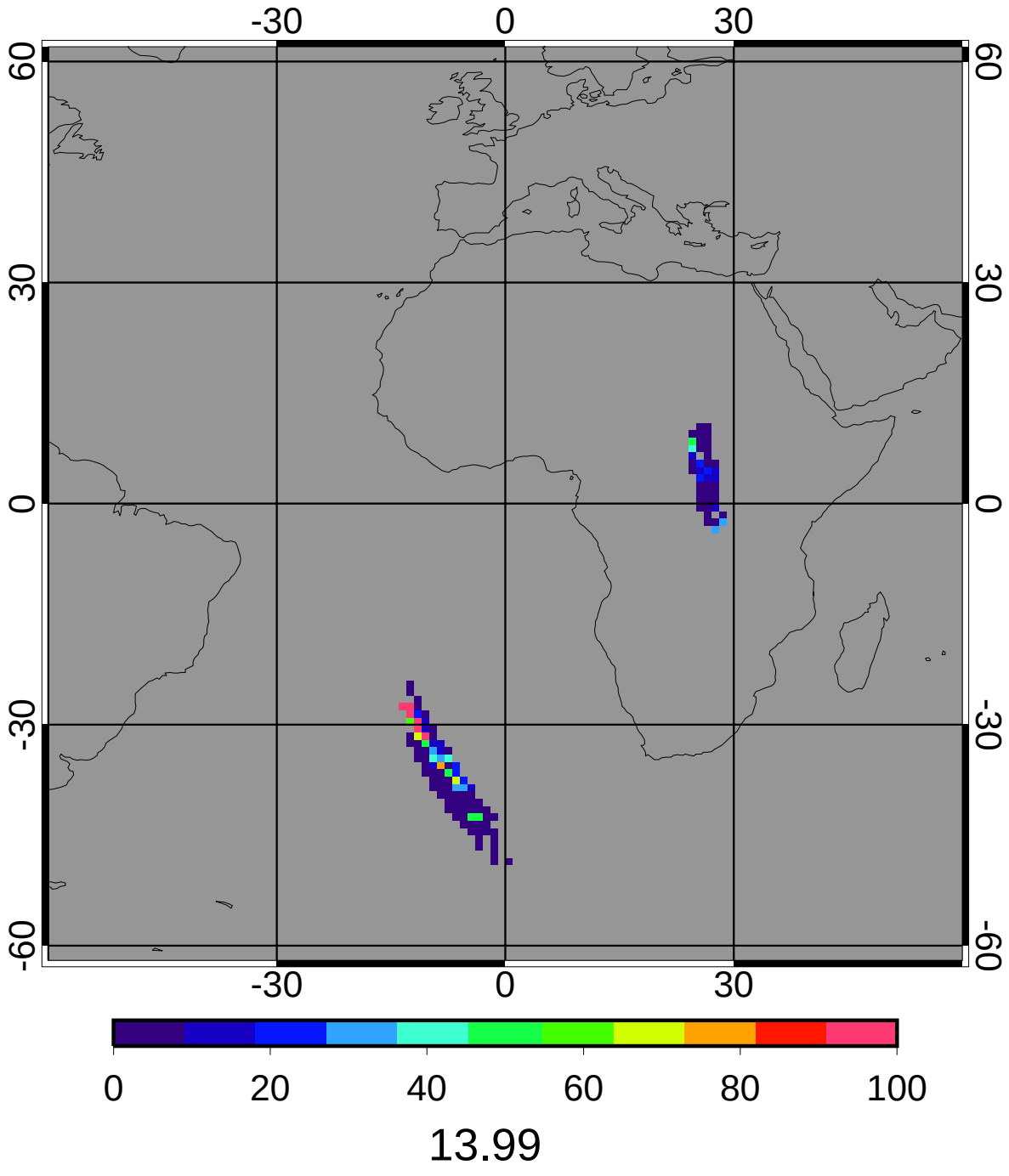
5ch_39cal Apr 2010 (matched angle)



regave rms	9.47	24.71%
domain rms	13.71	35.77%

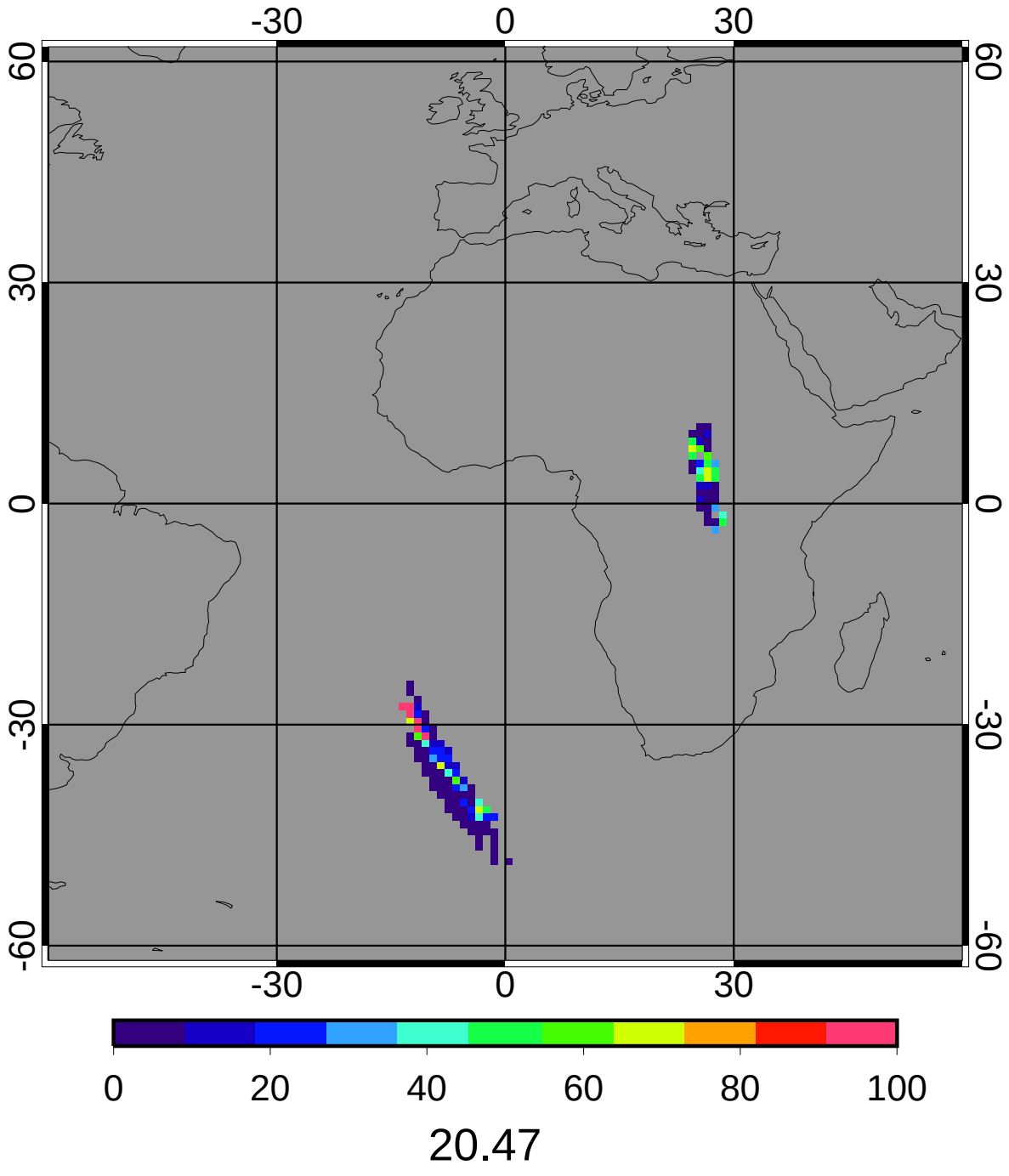
GGEO MEAN Daytime Ice Cld Amt (%)

5ch_39cal Apr 2010 (matched angle)



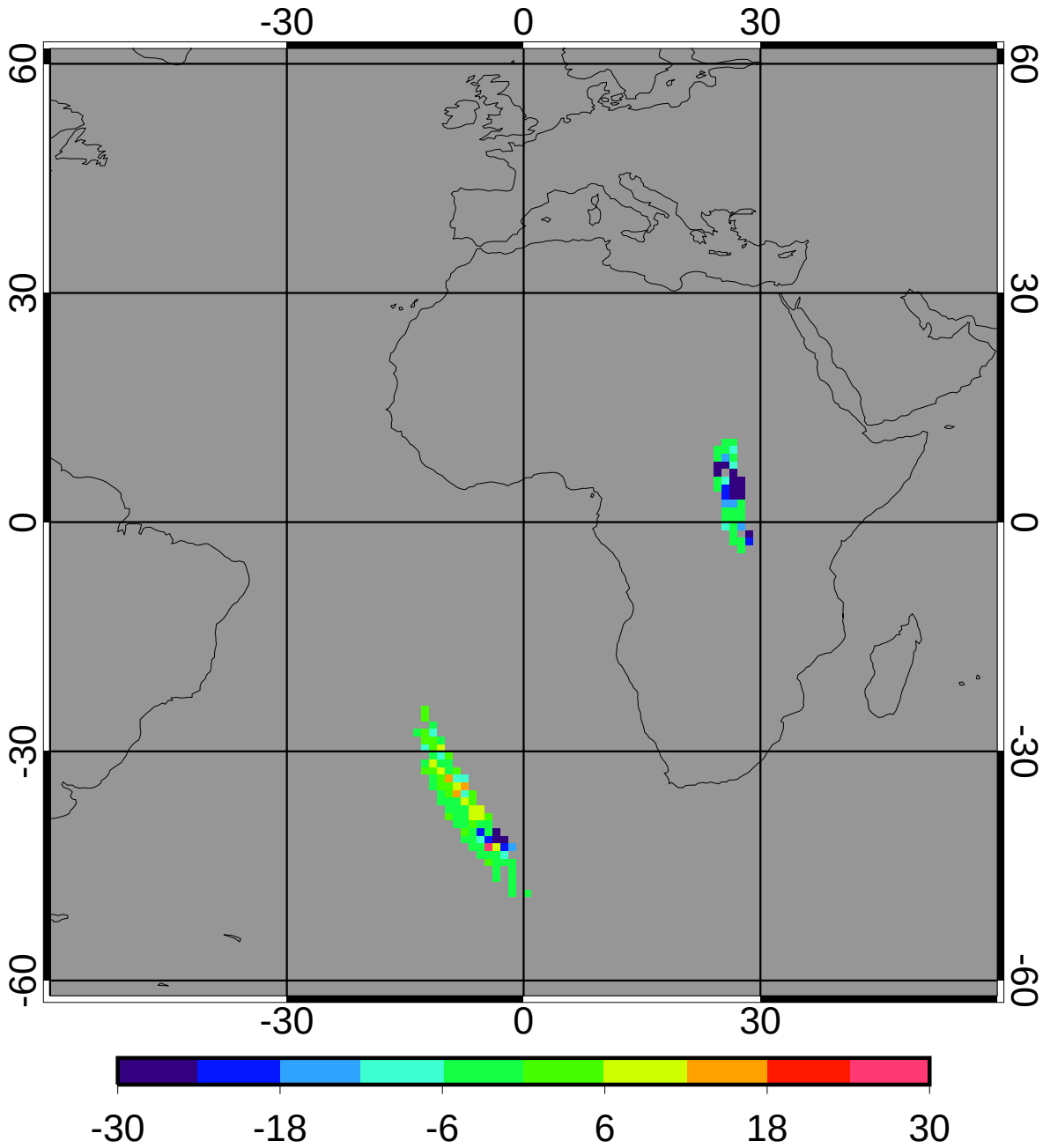
CERES/Aqua MEAN Daytime Ice Cld Amt (%)

5ch_39cal Apr 2010 (matched angle)



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

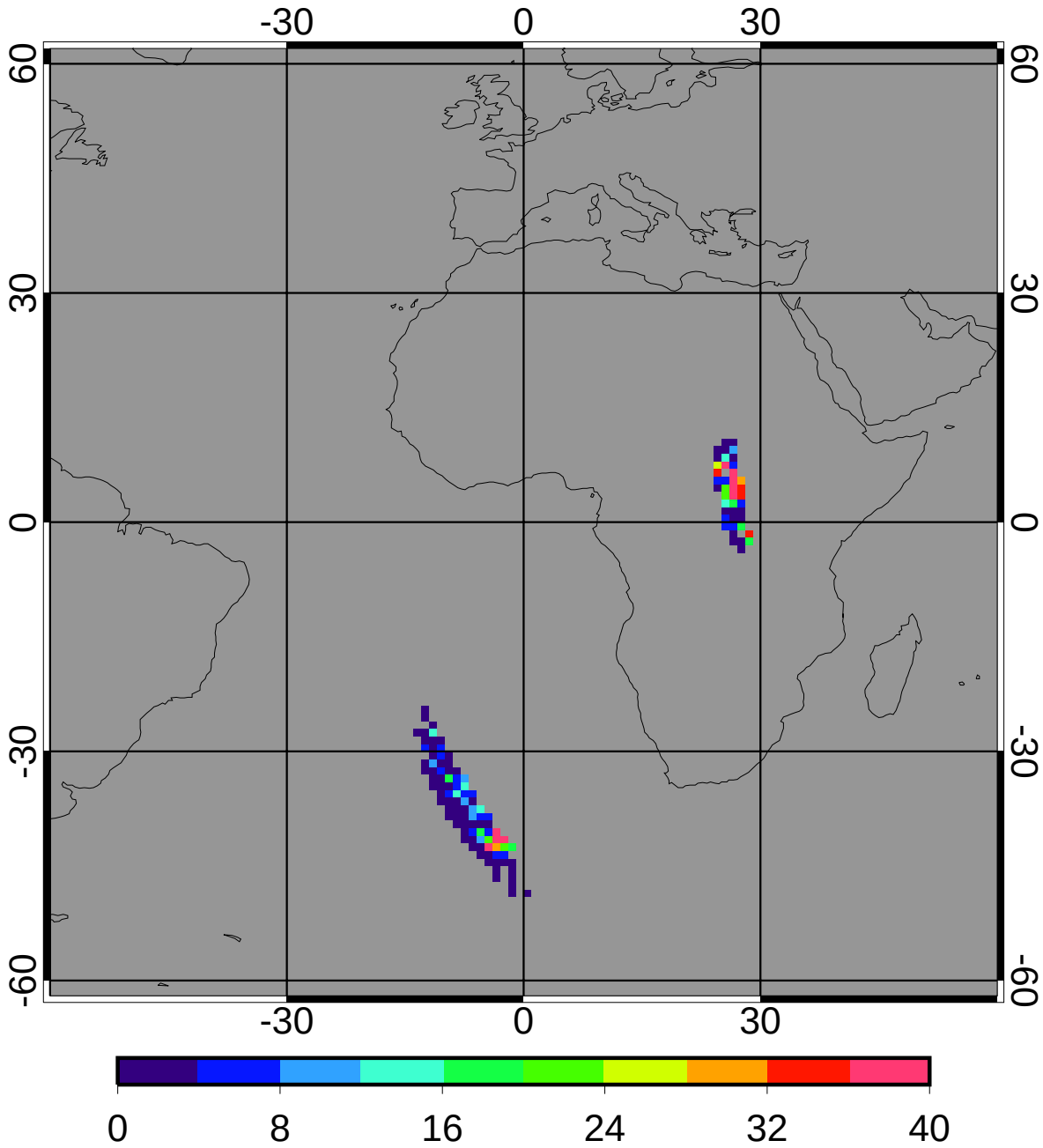
5ch_39cal Apr 2010 (matched angle)



bias	-6.47	-31.64%
domain sigma	14.11	68.92%

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

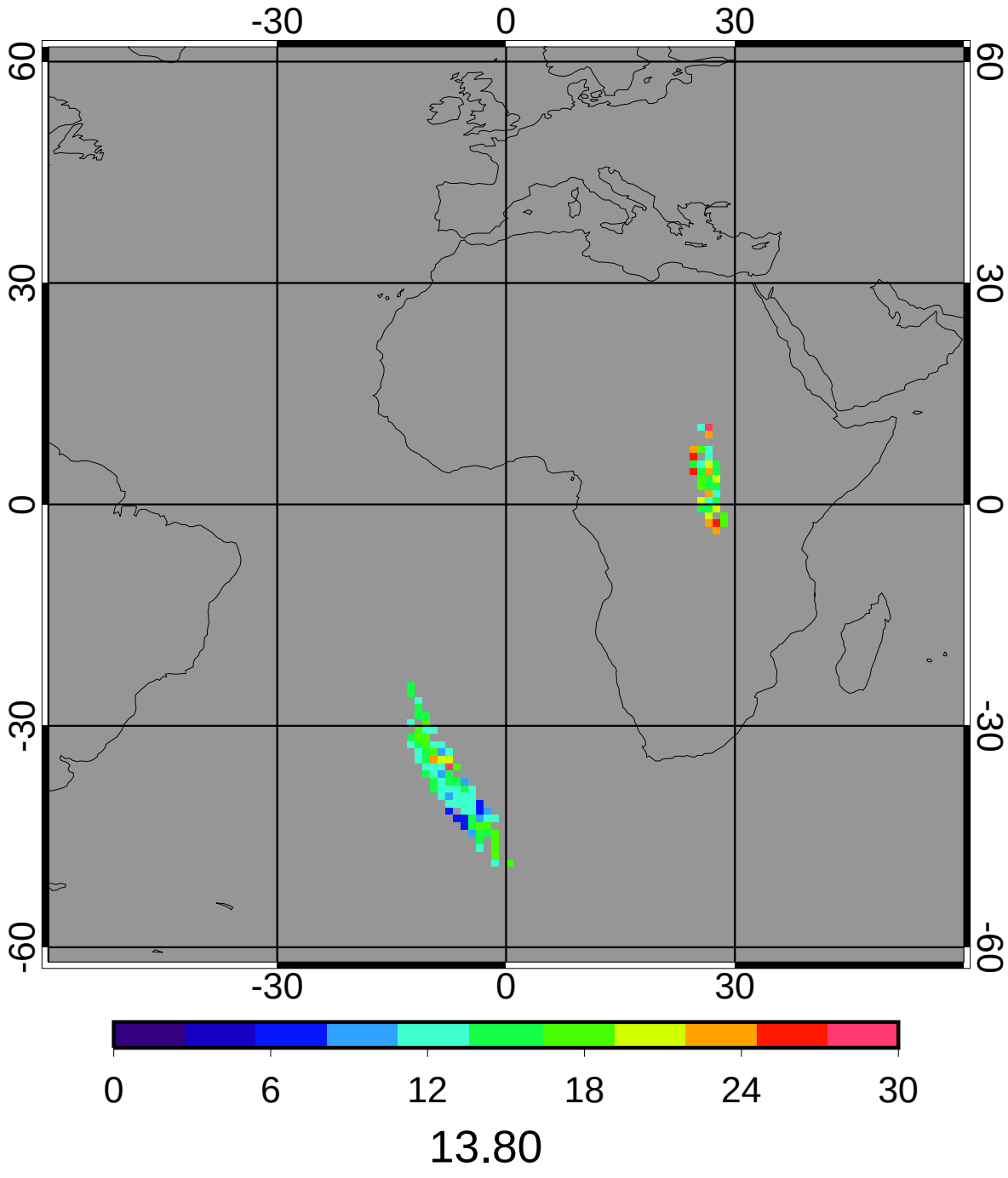
5ch_39cal Apr 2010 (matched angle)



regave rms	9.56	46.72%
domain rms	15.72	76.81%

GGEO MEAN Daytime Liquid Particle Size (microns)

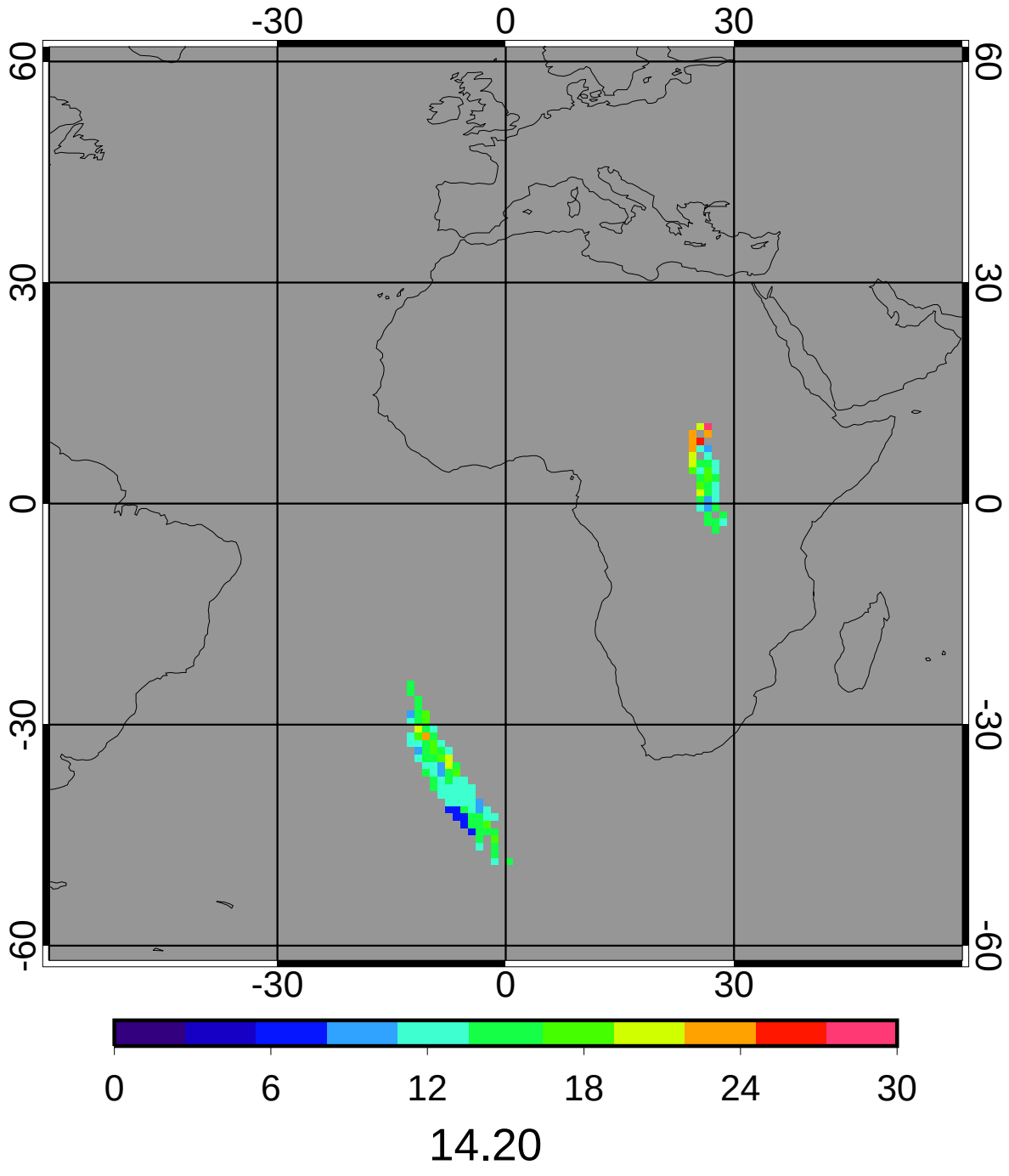
5ch_39cal Apr 2010 (matched angle)



13.80

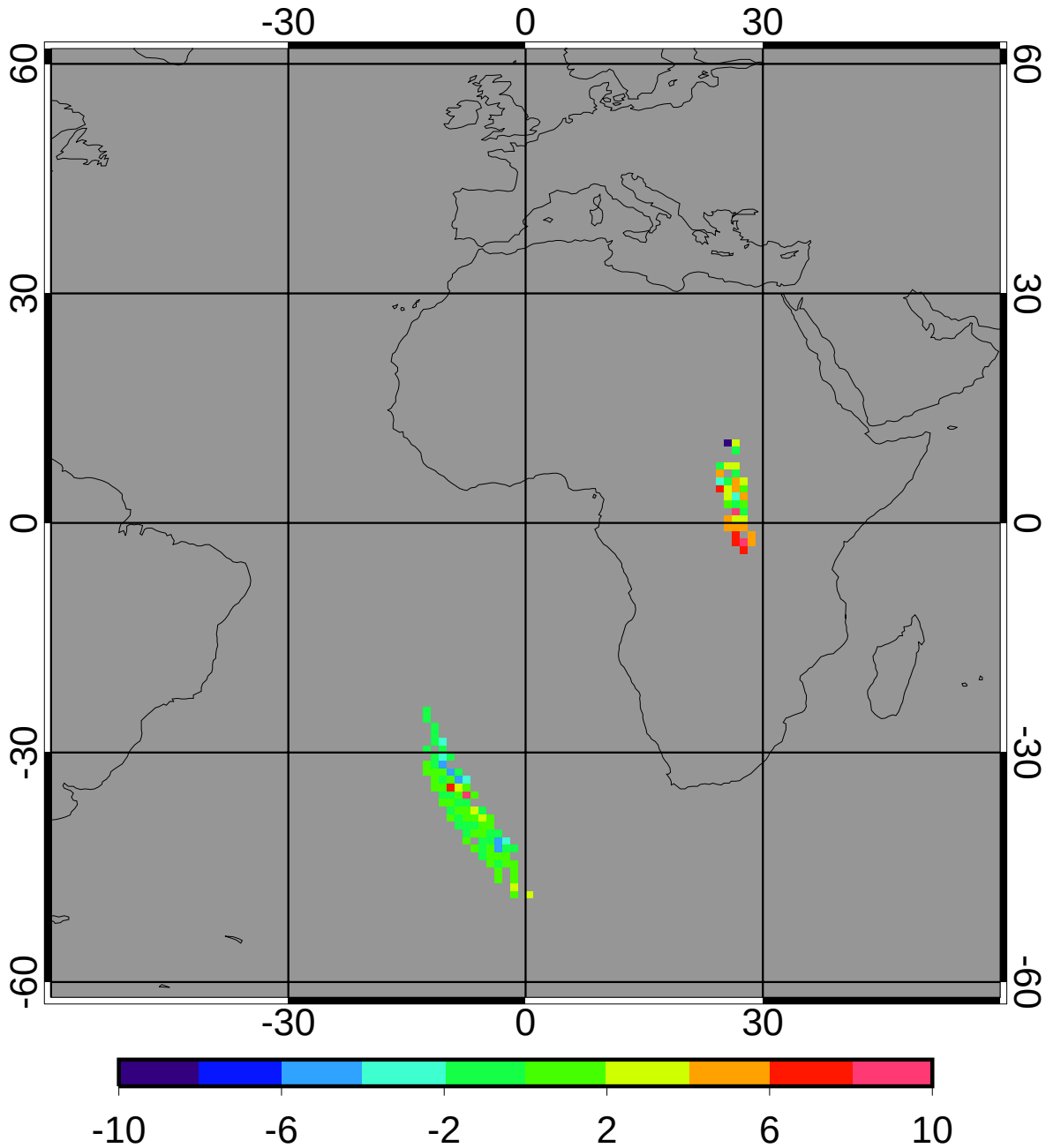
CERES/Aqua MEAN Daytime Liquid Particle Size (microns)

5ch_39cal Apr 2010 (matched angle)



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

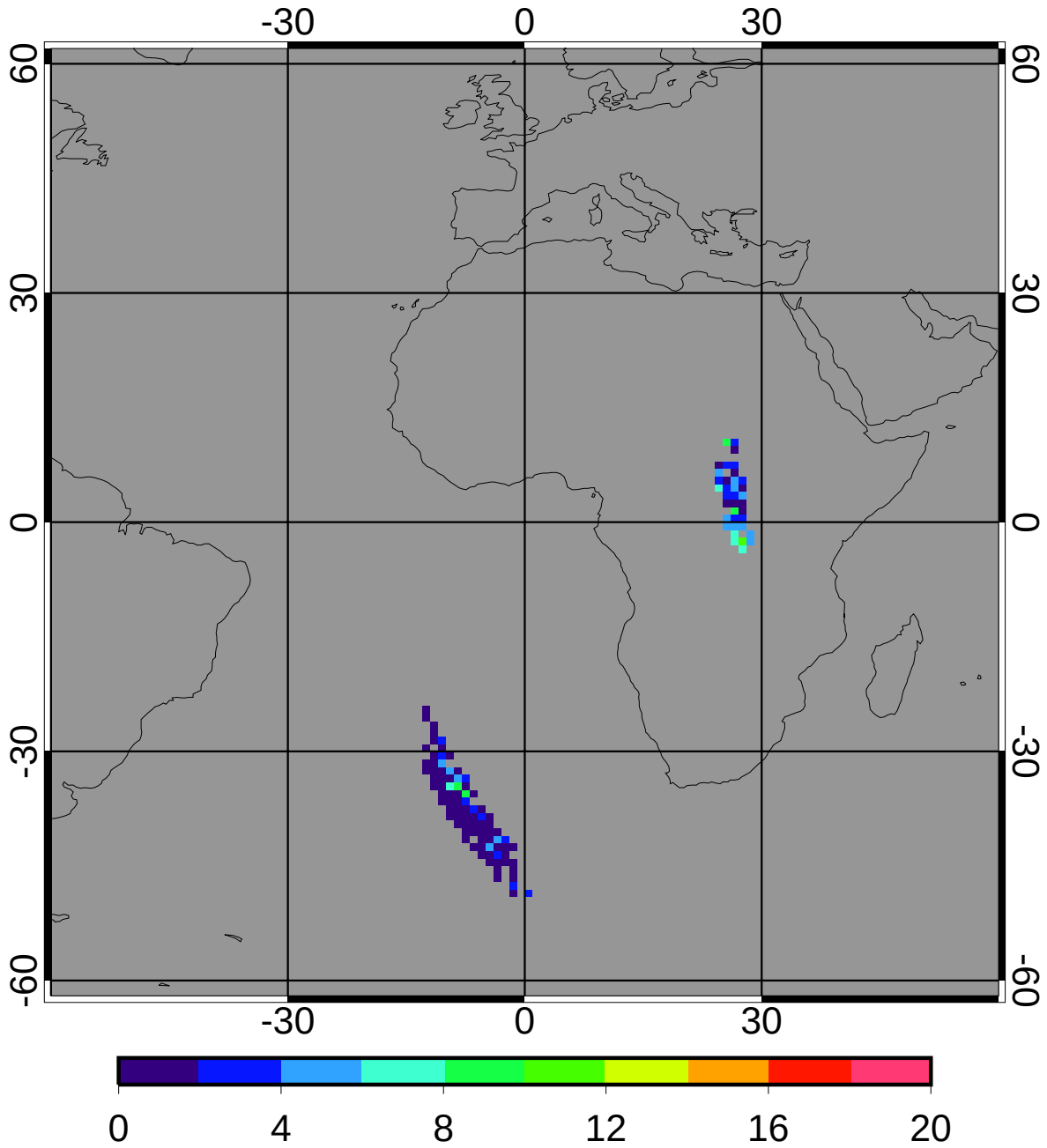
5ch_39cal Apr 2010 (matched angle)



bias	0.88	6.16%
domain sigma	2.85	20.03%

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

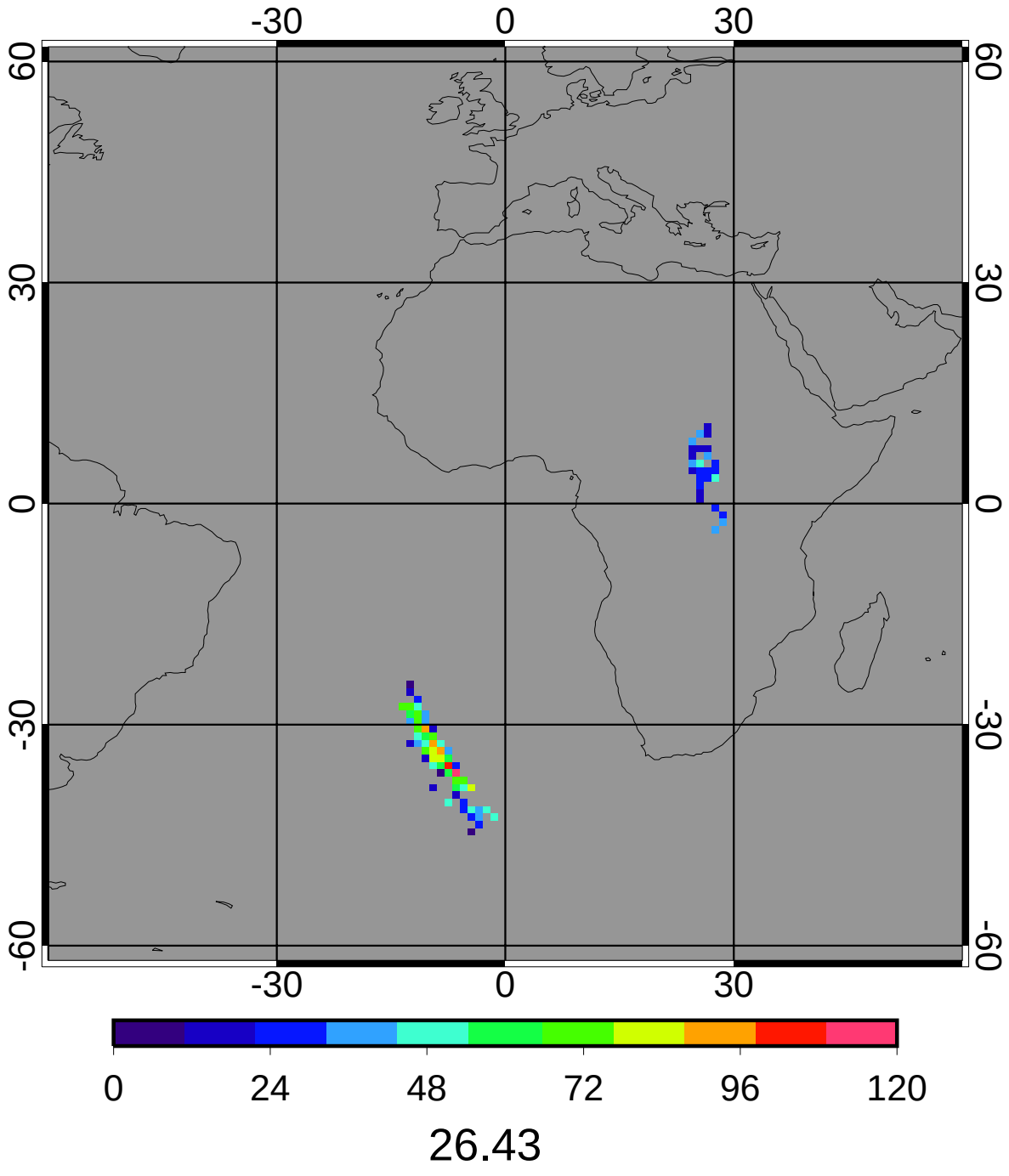
5ch_39cal Apr 2010 (matched angle)



regave rms	2.13	15.00%
domain rms	3.02	21.26%

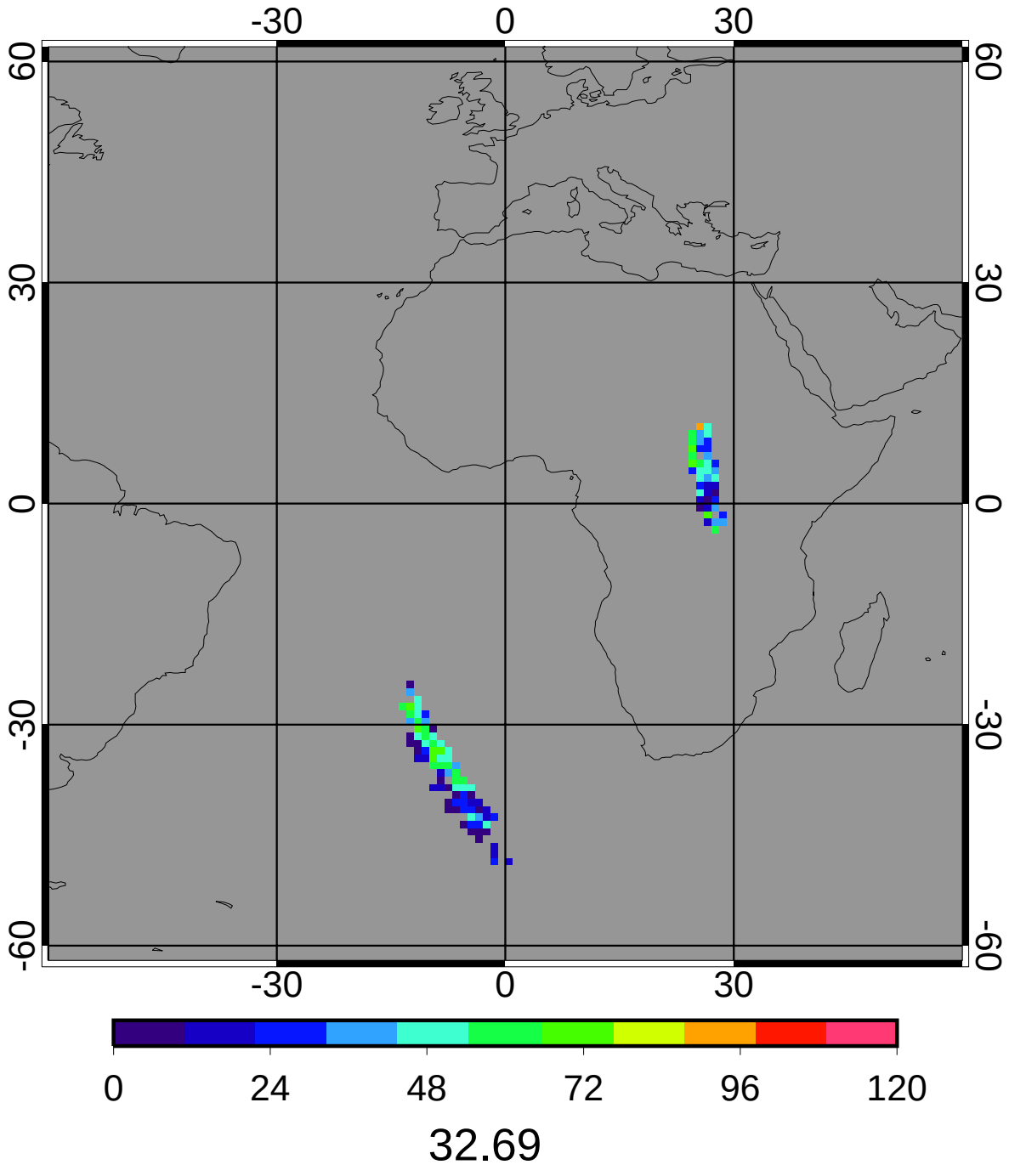
GGEO MEAN Daytime Ice Particle Size (microns)

5ch_39cal Apr 2010 (matched angle)



CERES/Aqua MEAN Daytime Ice Particle Size (microns)

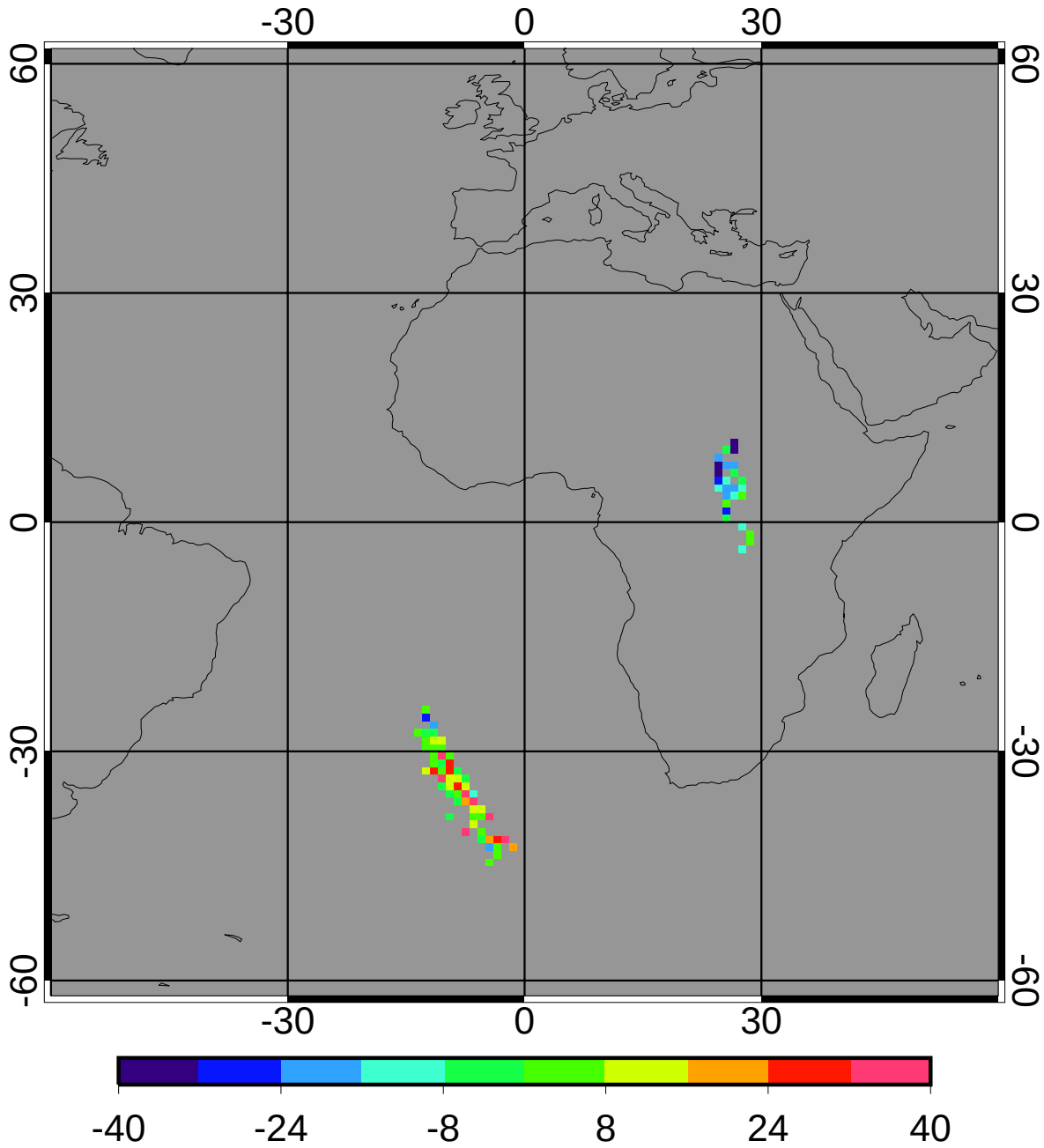
5ch_39cal Apr 2010 (matched angle)



32.69

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

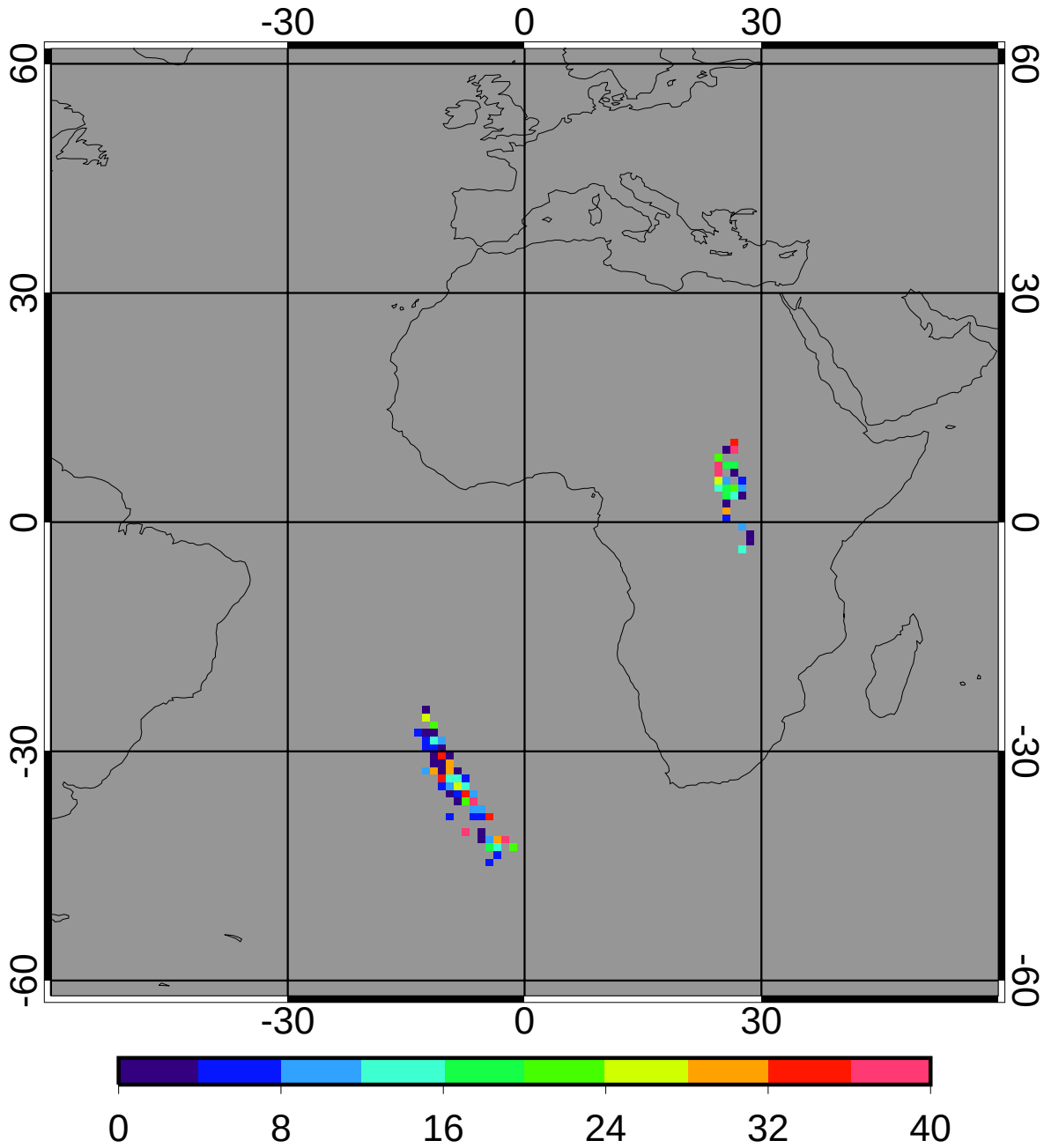
5ch_39cal Apr 2010 (matched angle)



bias	0.29	0.89%
domain sigma	17.63	53.94%

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

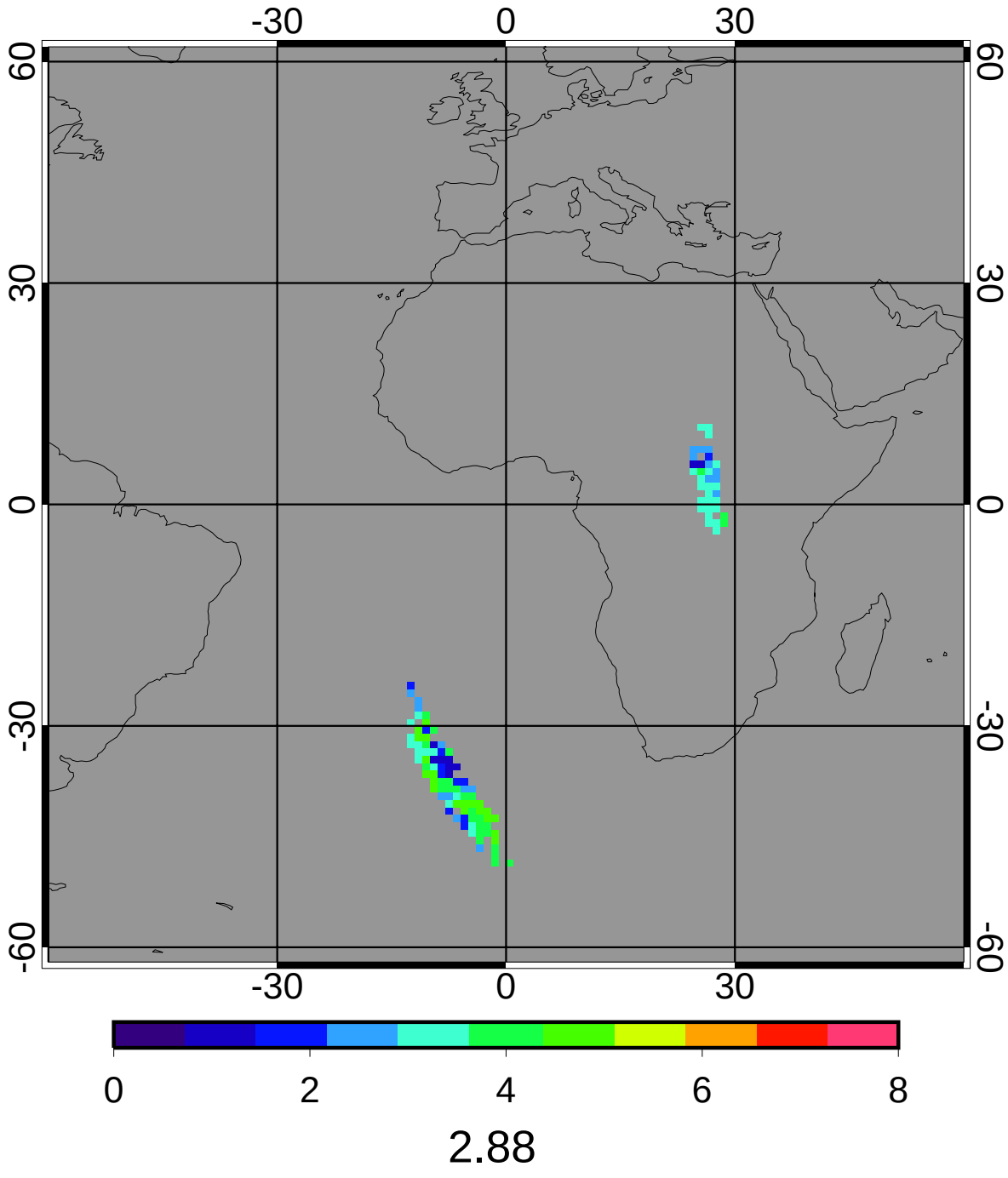
5ch_39cal Apr 2010 (matched angle)



regave rms	9.25	28.29%
domain rms	18.41	56.32%

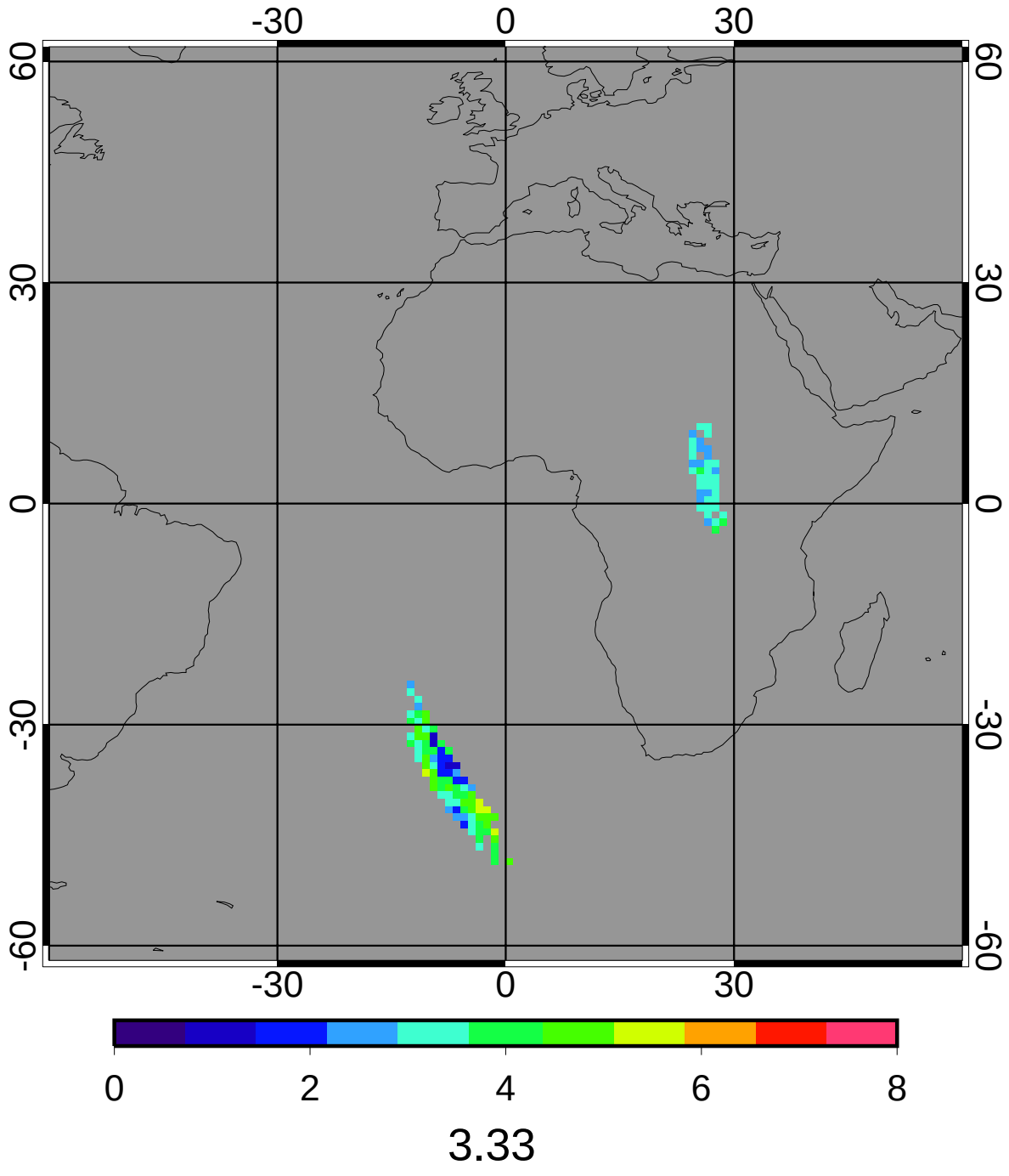
GGEO MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



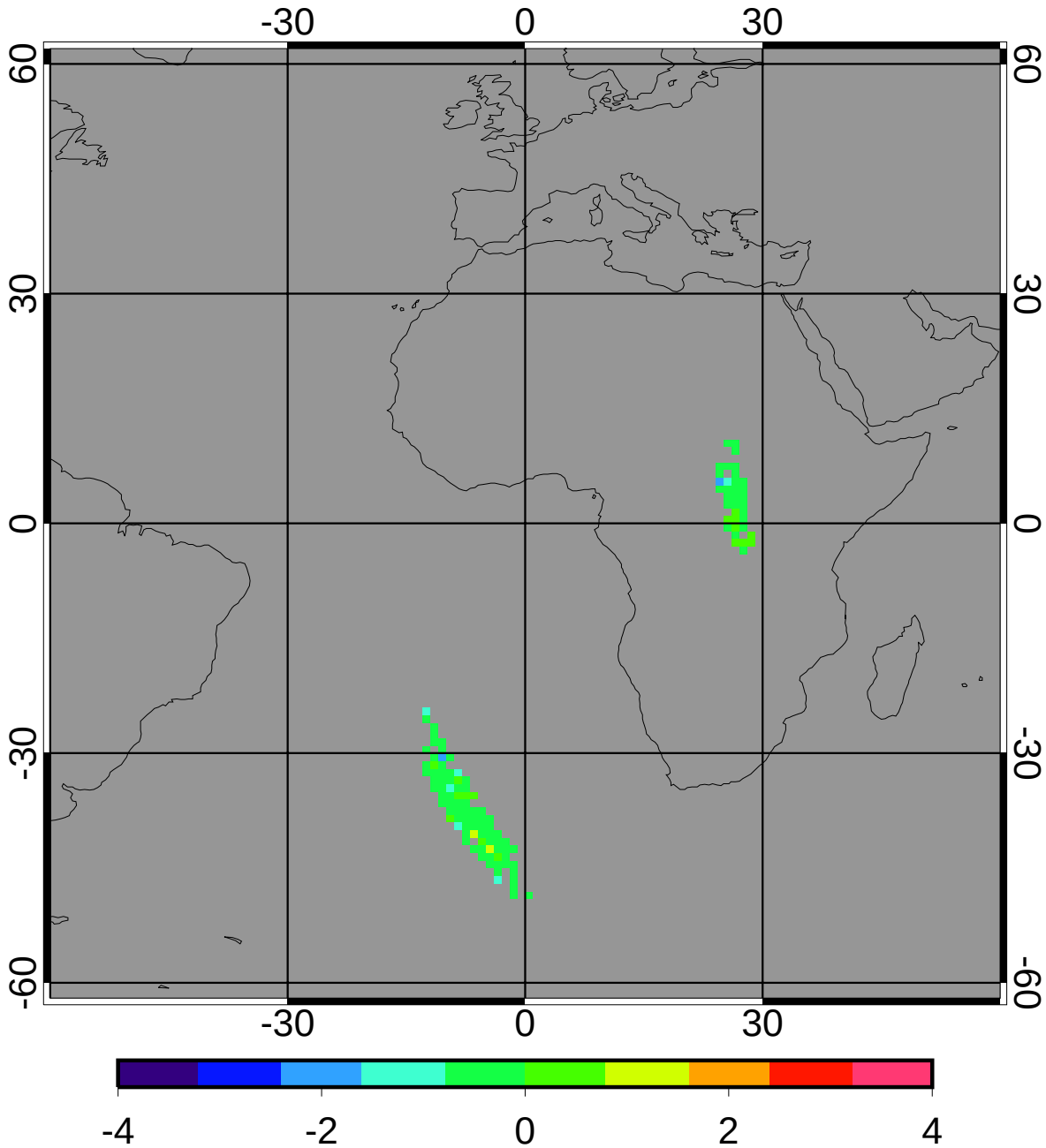
CERES/Aqua MEAN Daytime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



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

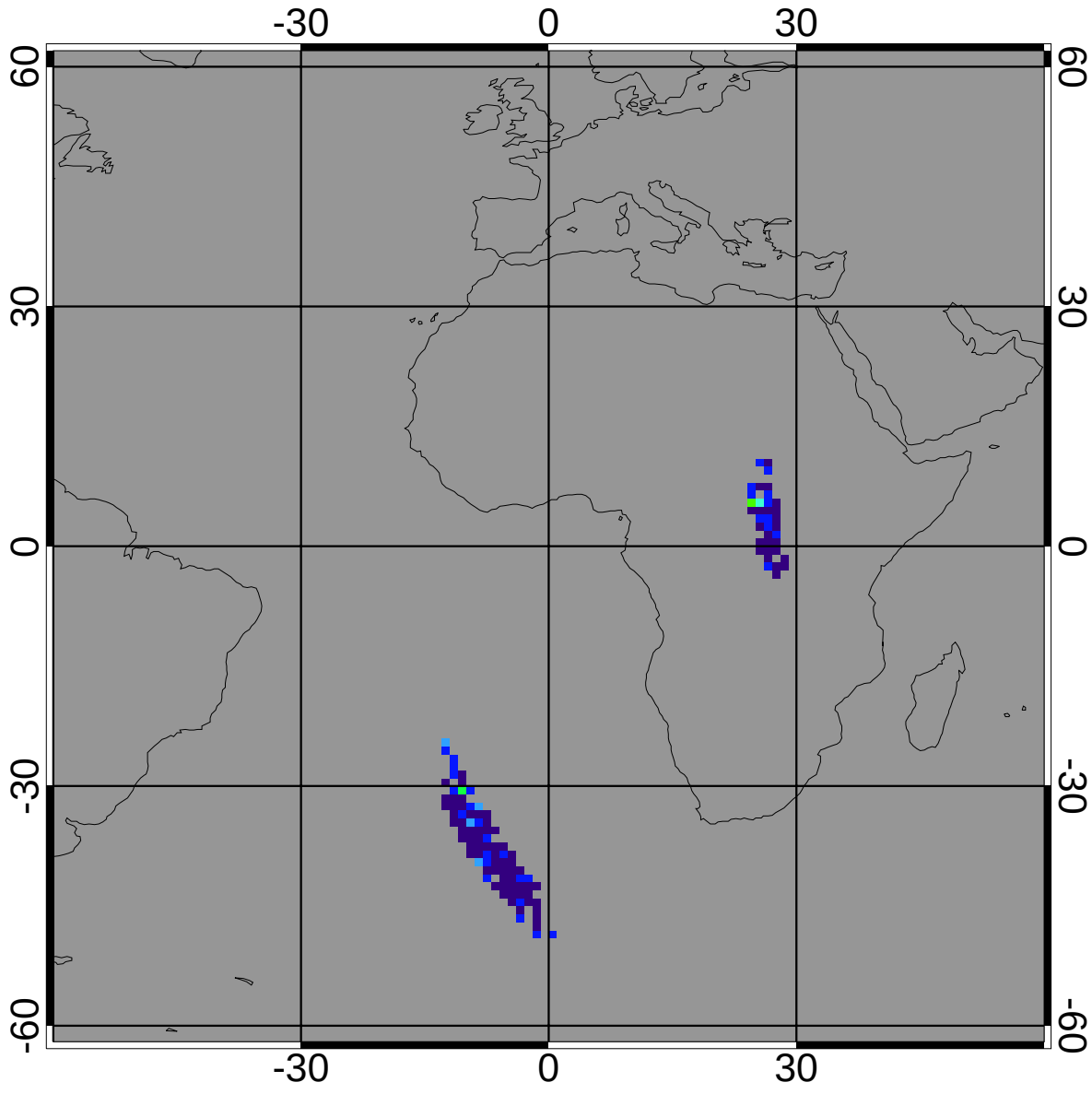
5ch_39cal Apr 2010 (matched angle)



bias	-0.27	-8.04%
domain sigma	0.36	10.89%

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

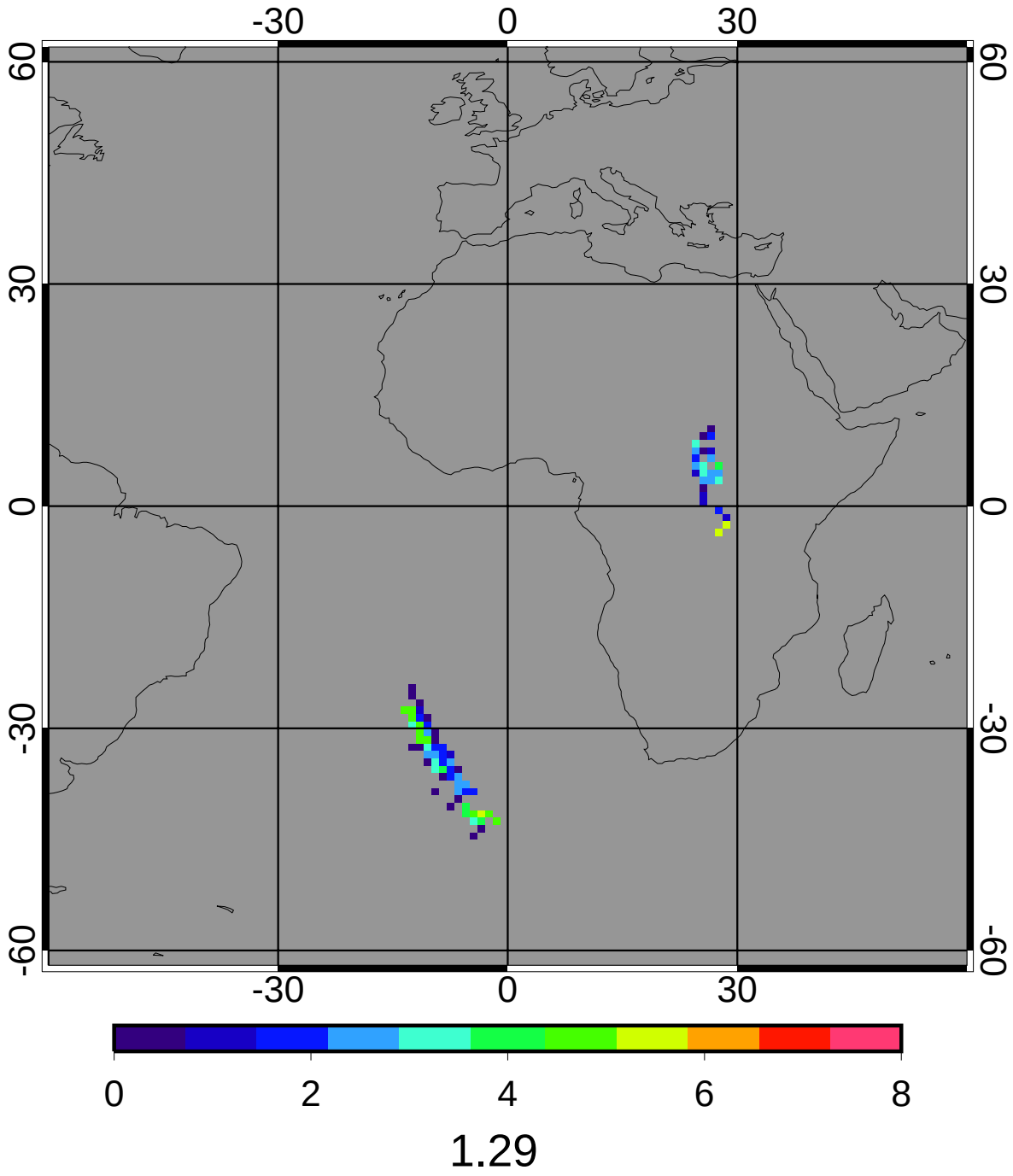
5ch_39cal Apr 2010 (matched angle)



regave rms	0.33	10.00%
domain rms	0.44	13.30%

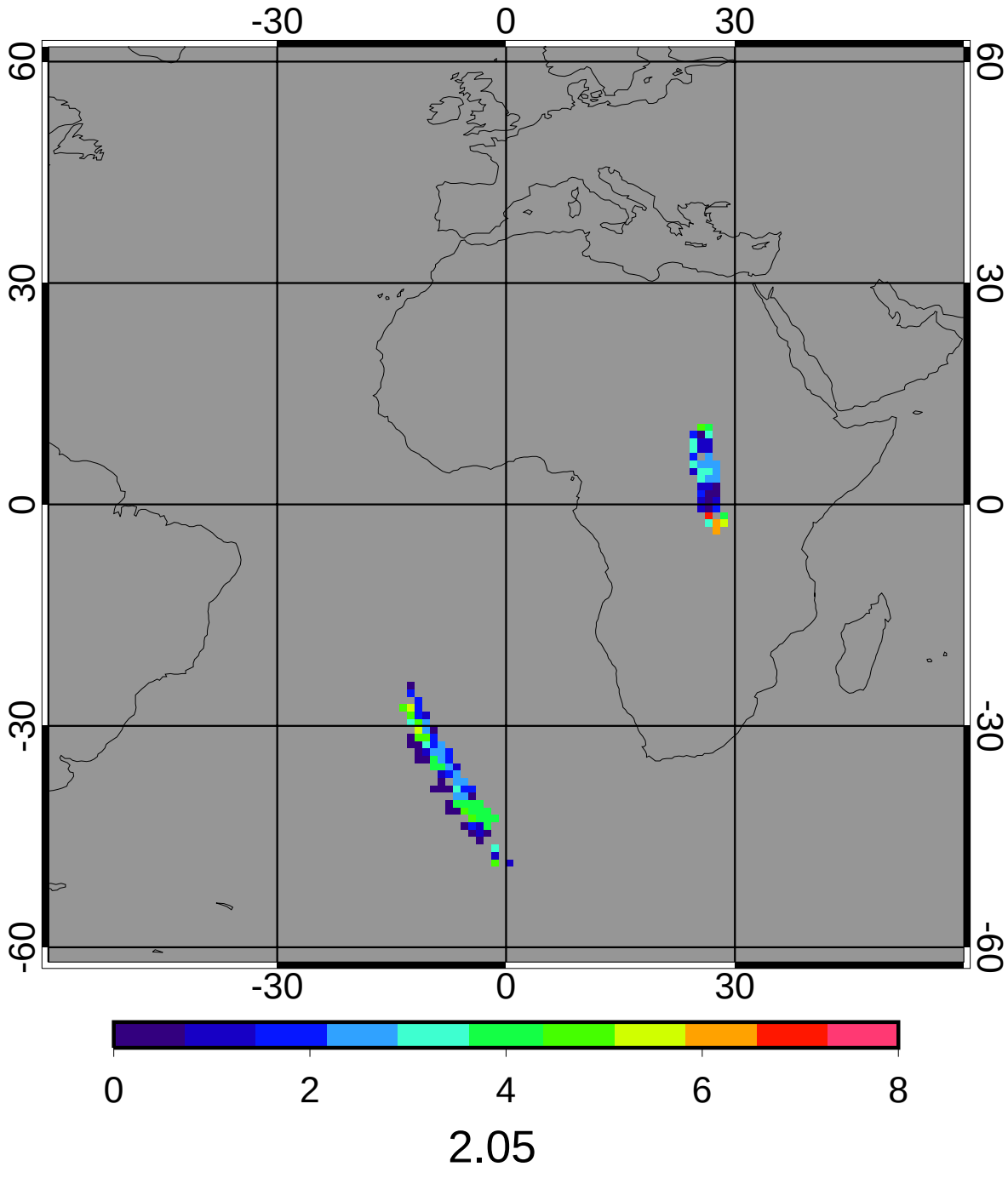
GGEO MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



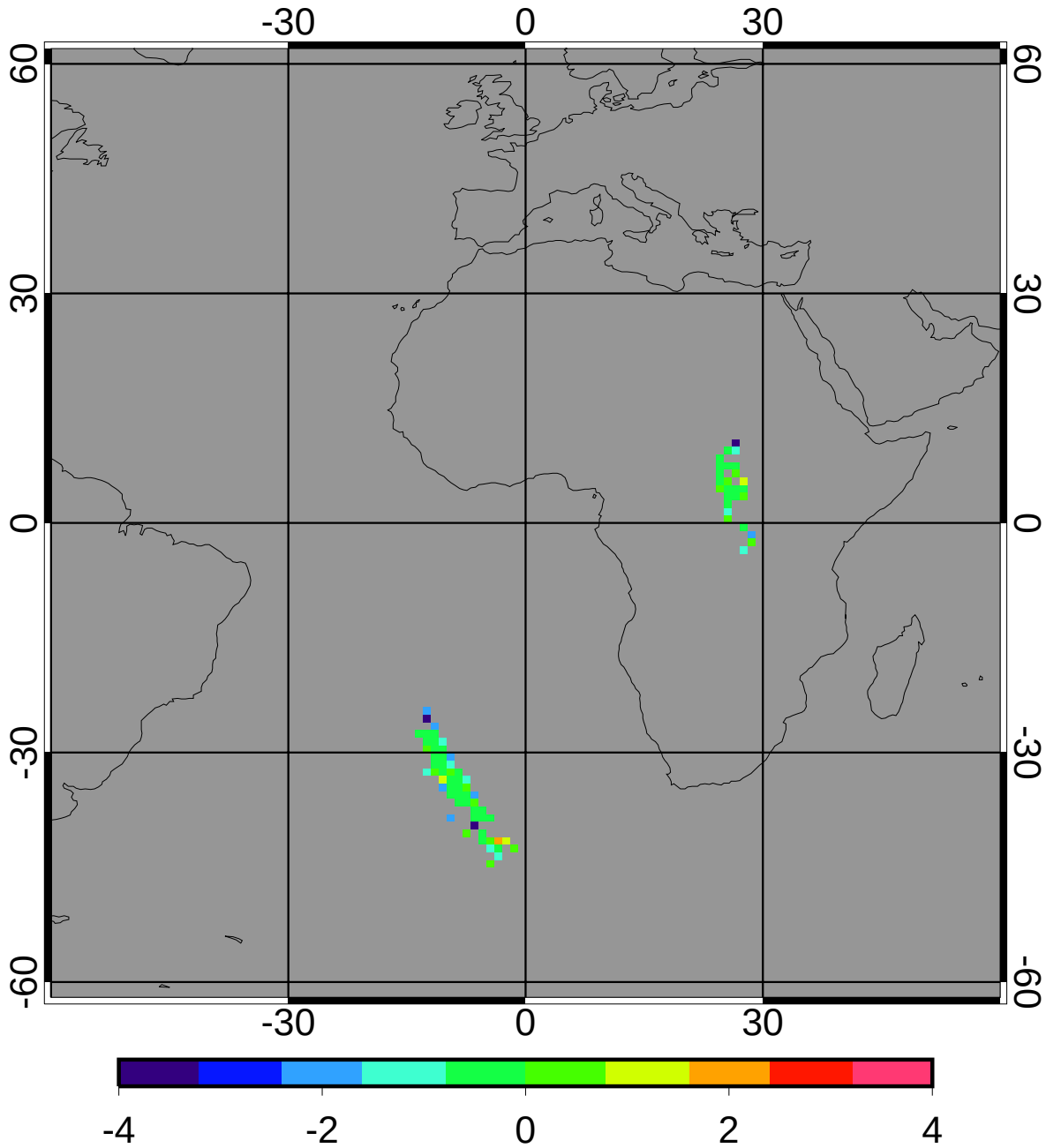
CERES/Aqua MEAN Daytime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



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

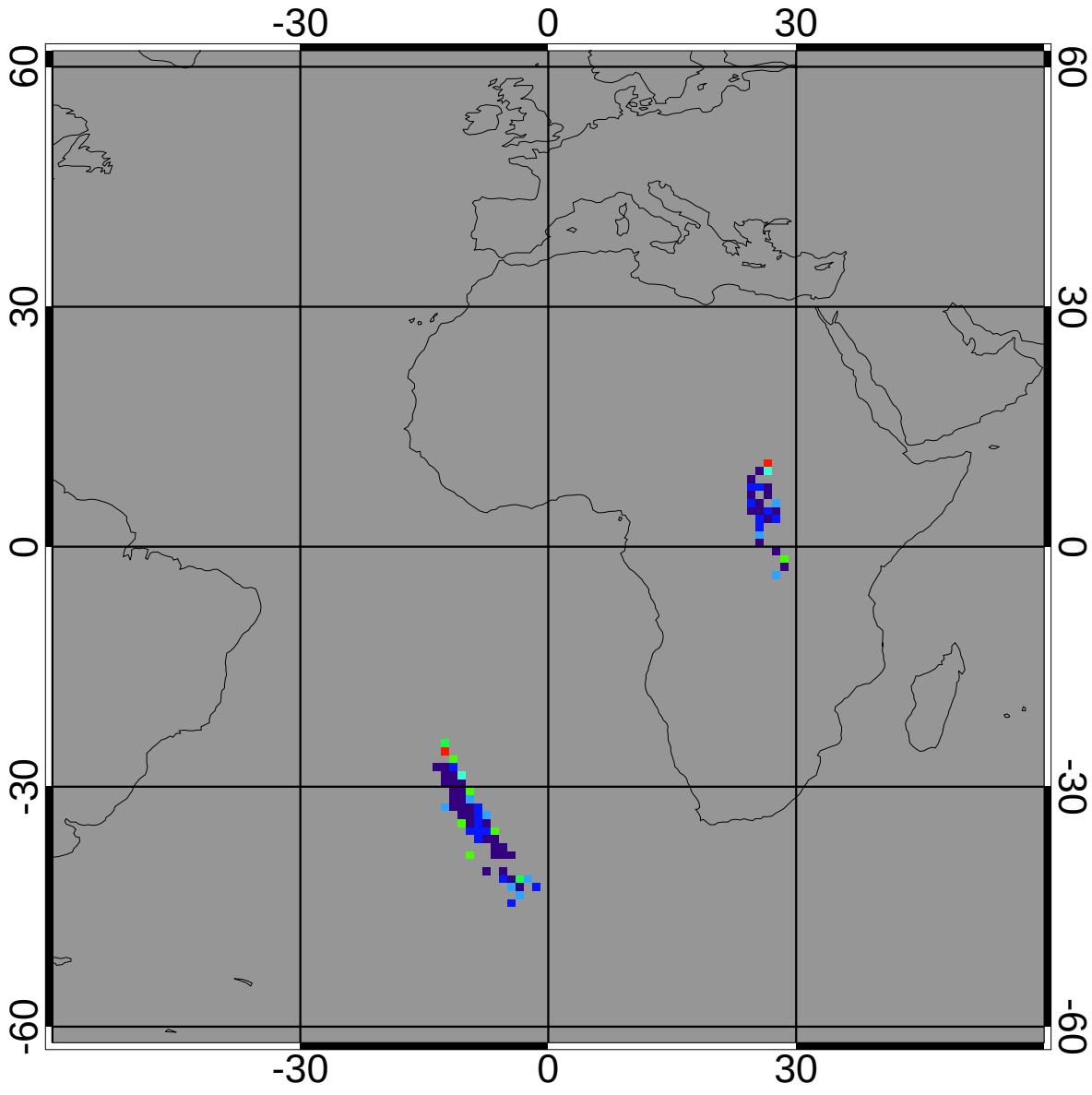
5ch_39cal Apr 2010 (matched angle)



bias	-0.32	-15.42%
domain sigma	0.88	43.05%

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

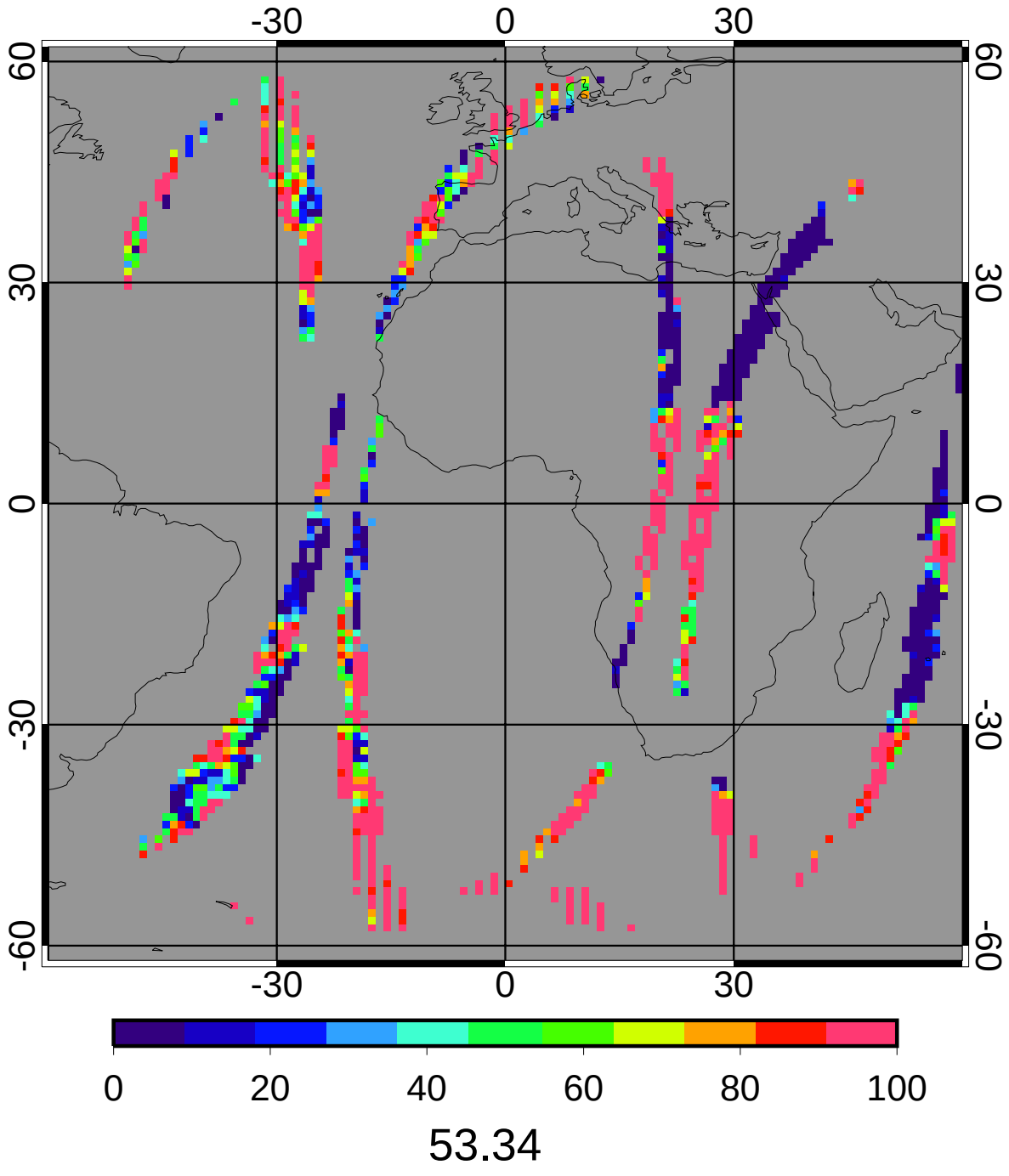
5ch_39cal Apr 2010 (matched angle)



regave rms	0.41	19.98%
domain rms	0.94	45.92%

GGEO MEAN Nighttime Cloud Amount (%)

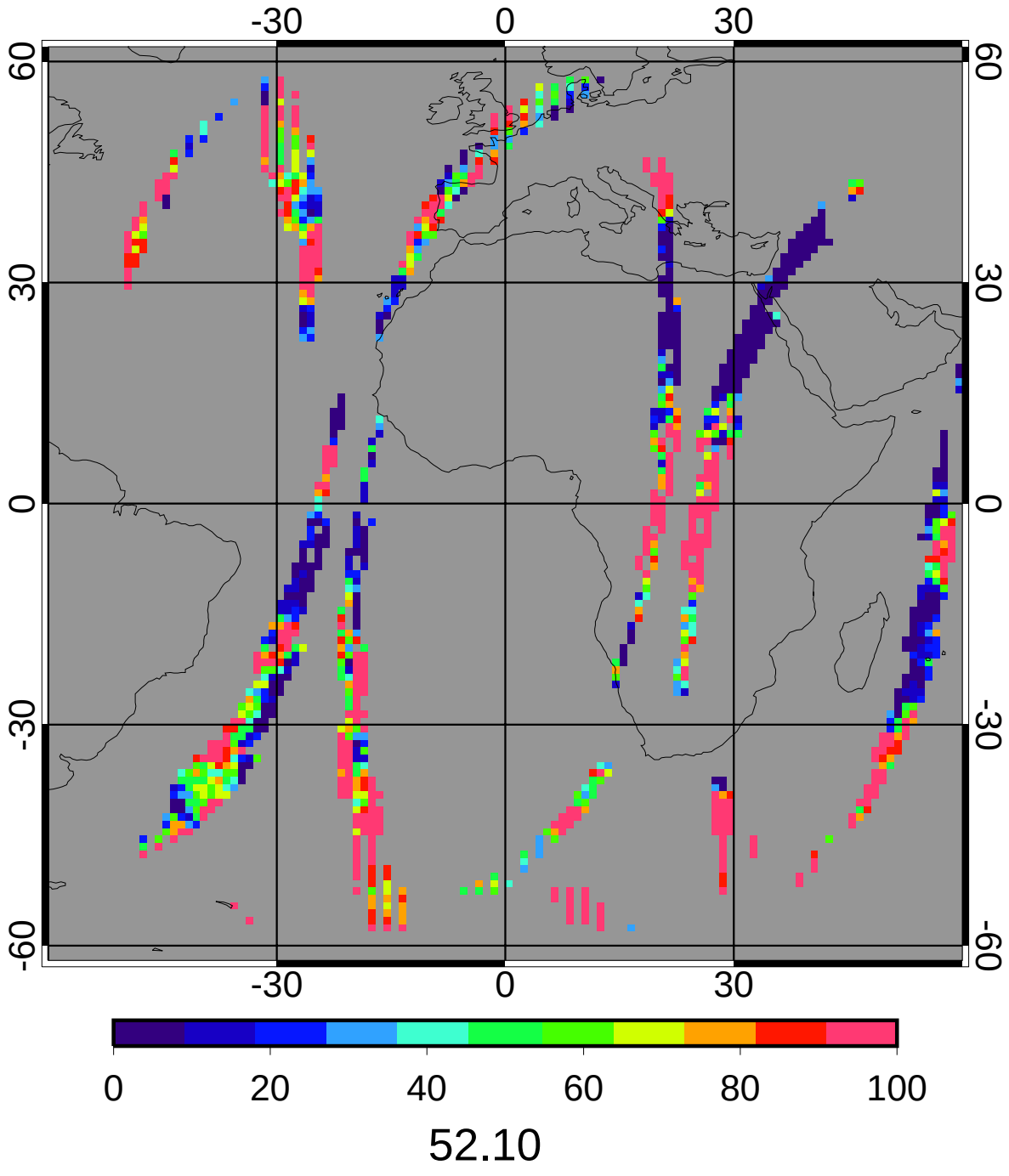
5ch_39cal Apr 2010 (matched angle)



53.34

CERES/Aqua MEAN Nighttime Cloud Amount (%)

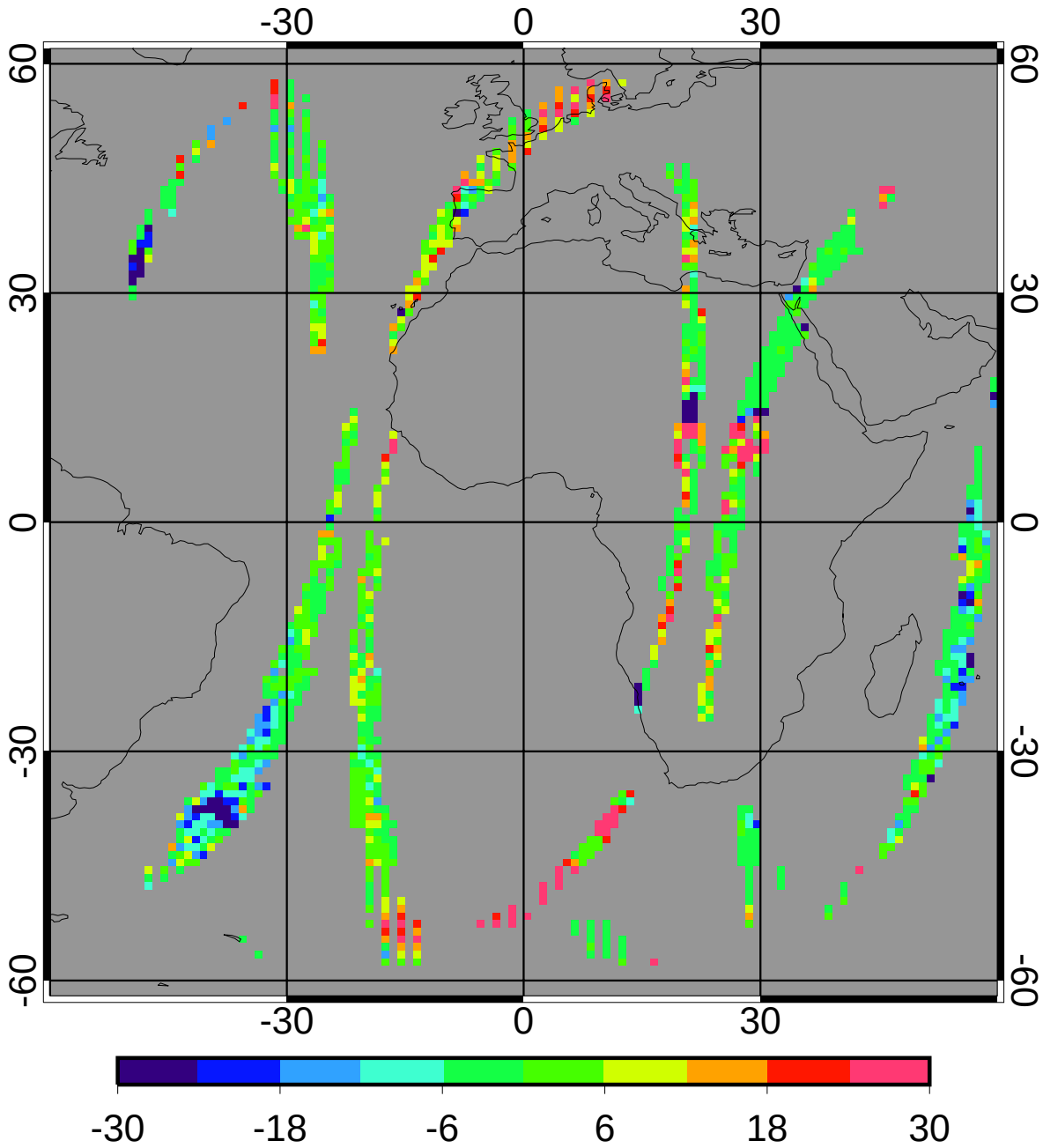
5ch_39cal Apr 2010 (matched angle)



52.10

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

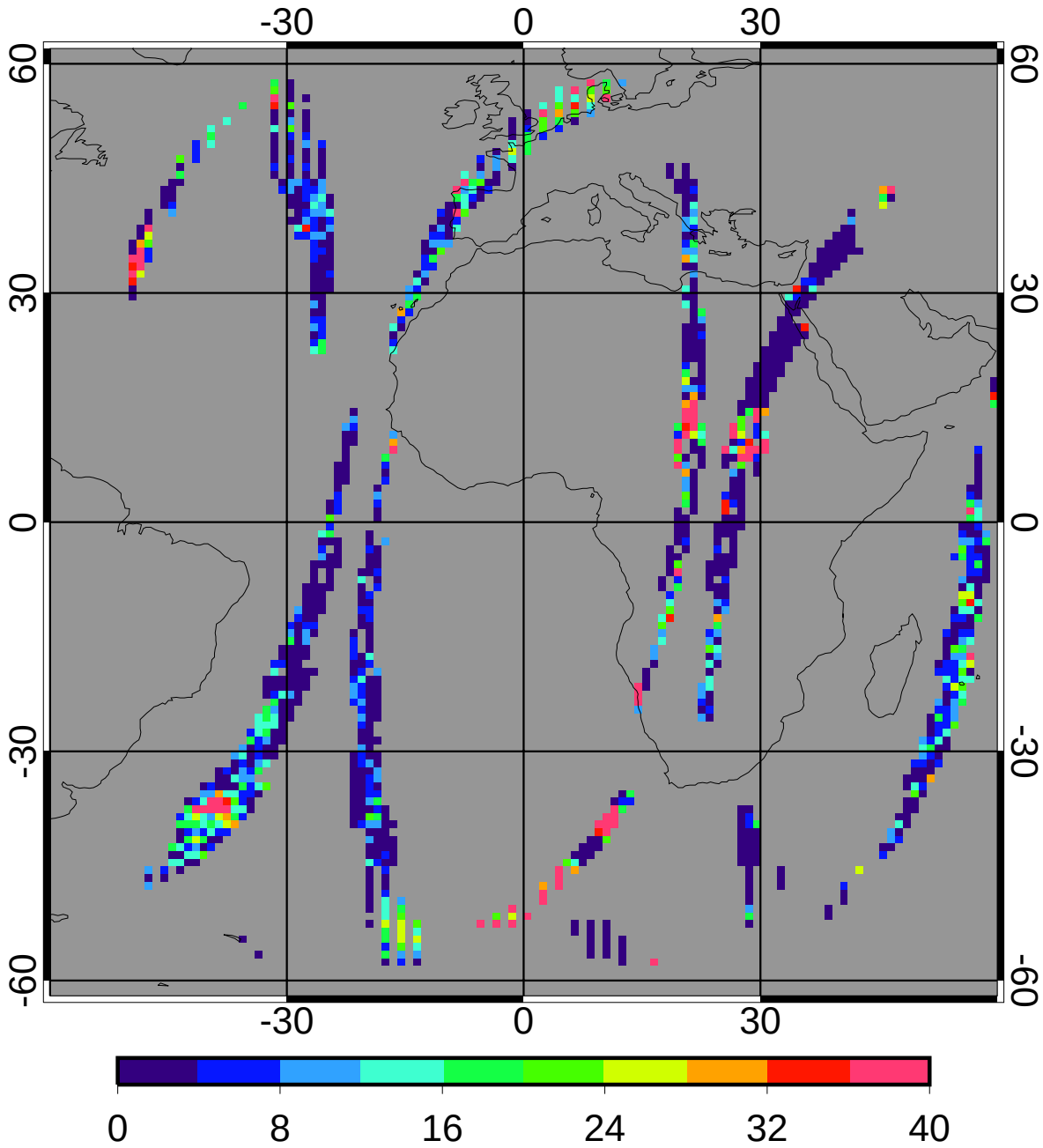
5ch_39cal Apr 2010 (matched angle)



bias	1.25	2.39%
domain sigma	12.55	24.09%

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

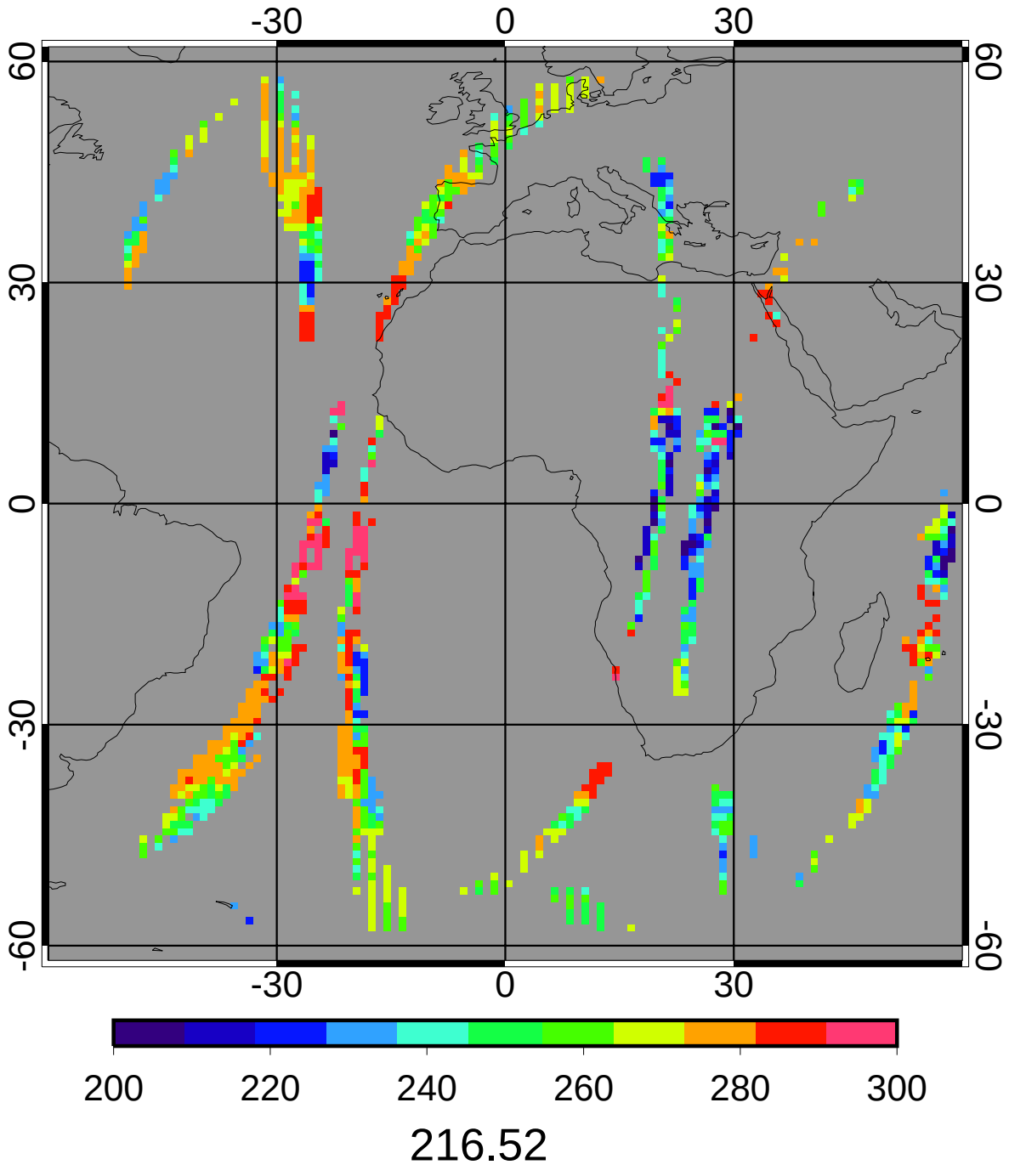
5ch_39cal Apr 2010 (matched angle)



regave rms	8.55	16.42%
domain rms	14.44	27.71%

GGEO MEAN Nighttime Cloud Temperature (K)

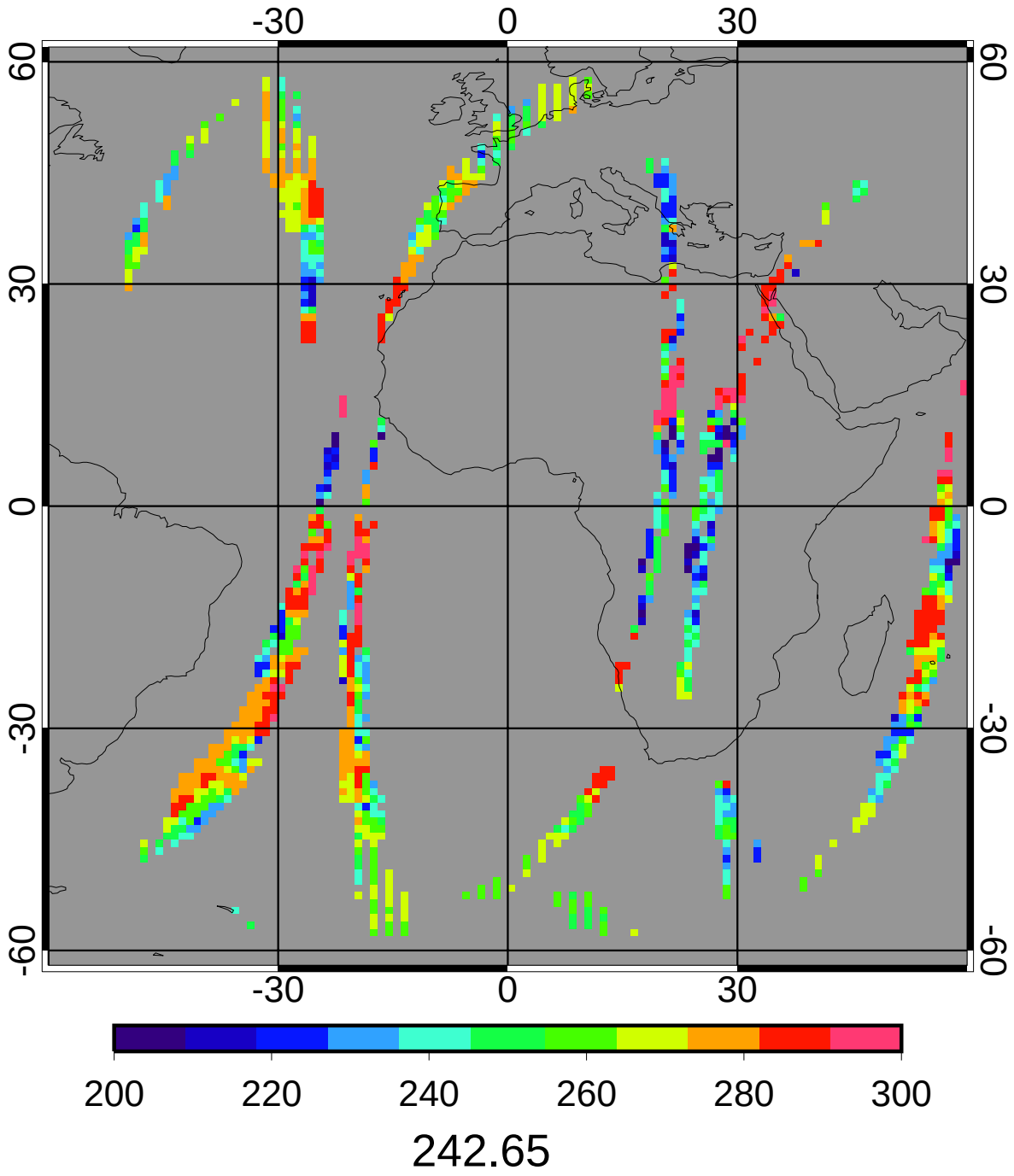
5ch_39cal Apr 2010 (matched angle)



216.52

CERES/Aqua MEAN Nighttime Cloud Temperature (K)

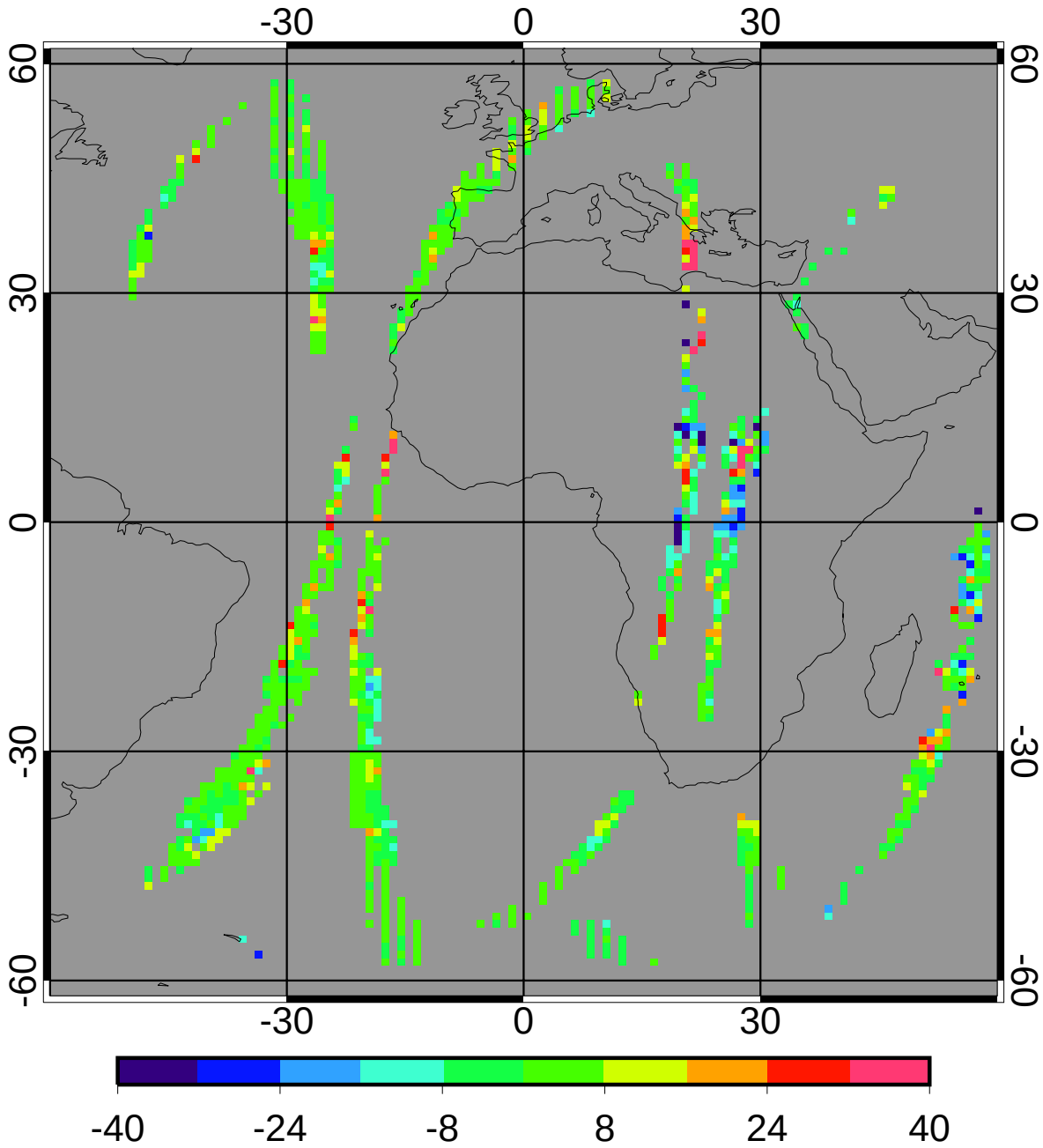
5ch_39cal Apr 2010 (matched angle)



242.65

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

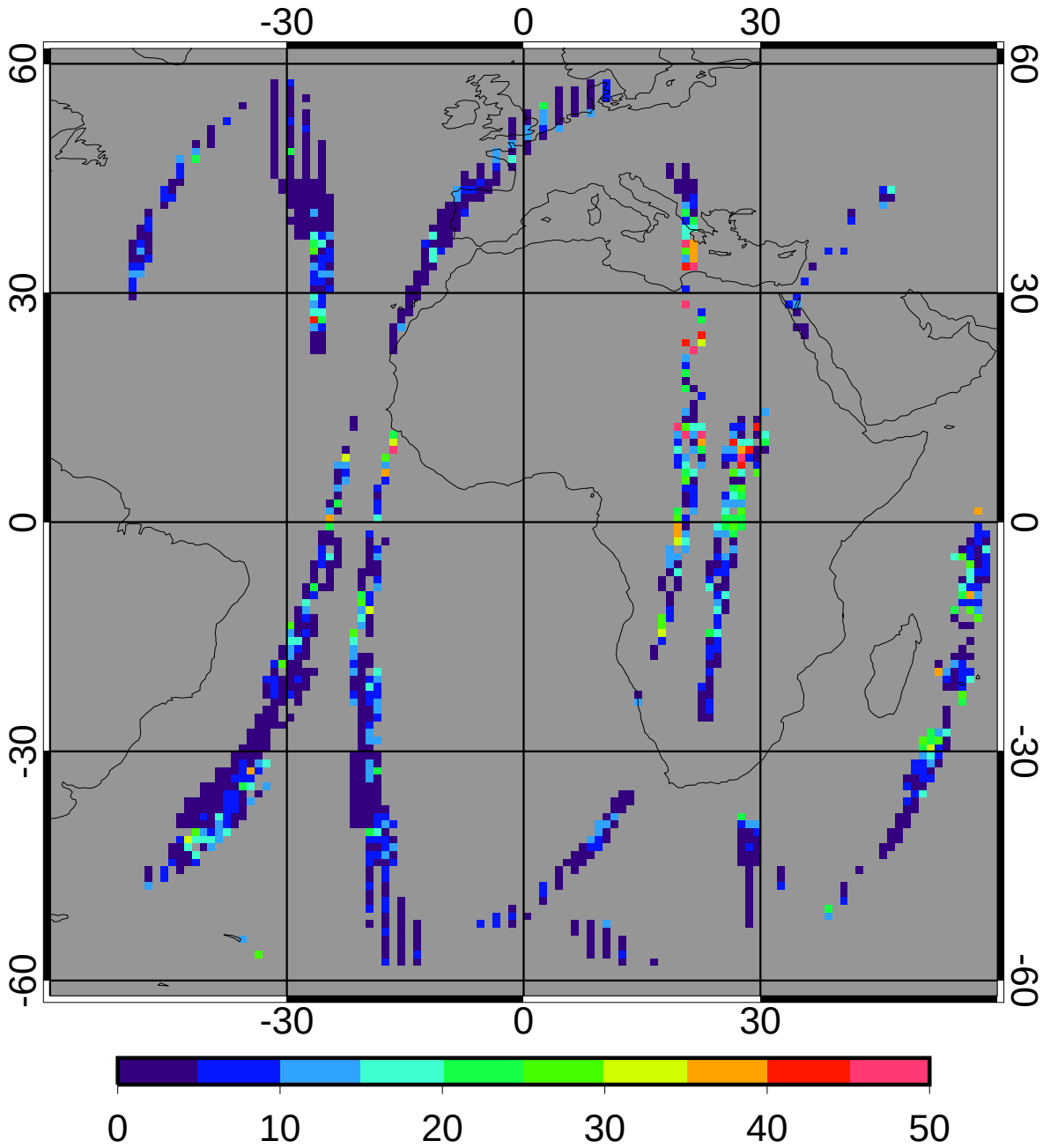
5ch_39cal Apr 2010 (matched angle)



bias	1.21	0.50%
domain sigma	10.73	4.42%

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

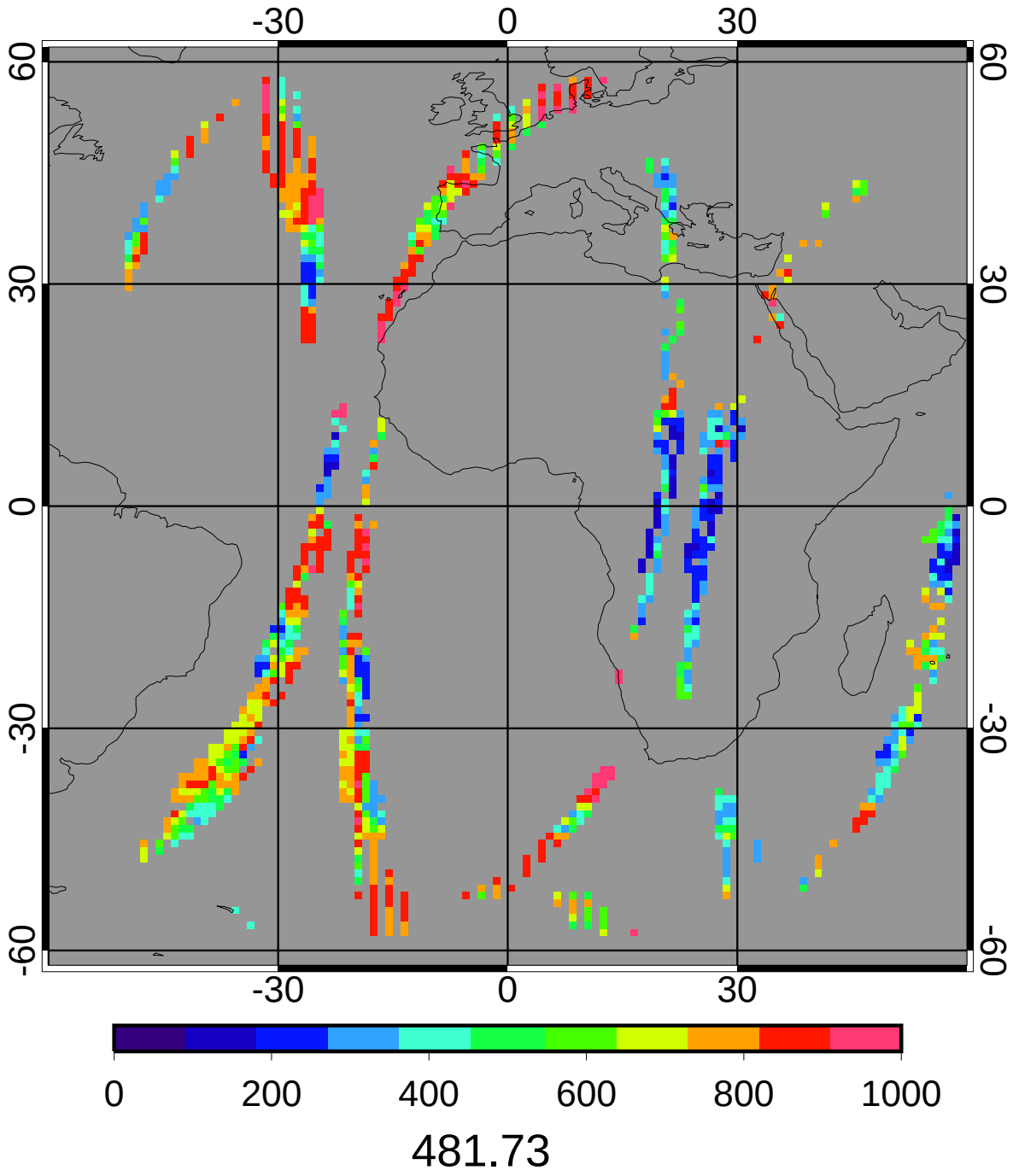
5ch_39cal Apr 2010 (matched angle)



regave rms	6.55	2.70%
domain rms	10.81	4.45%

GGEO MEAN Nighttime Cloud Eff Pressure (mb)

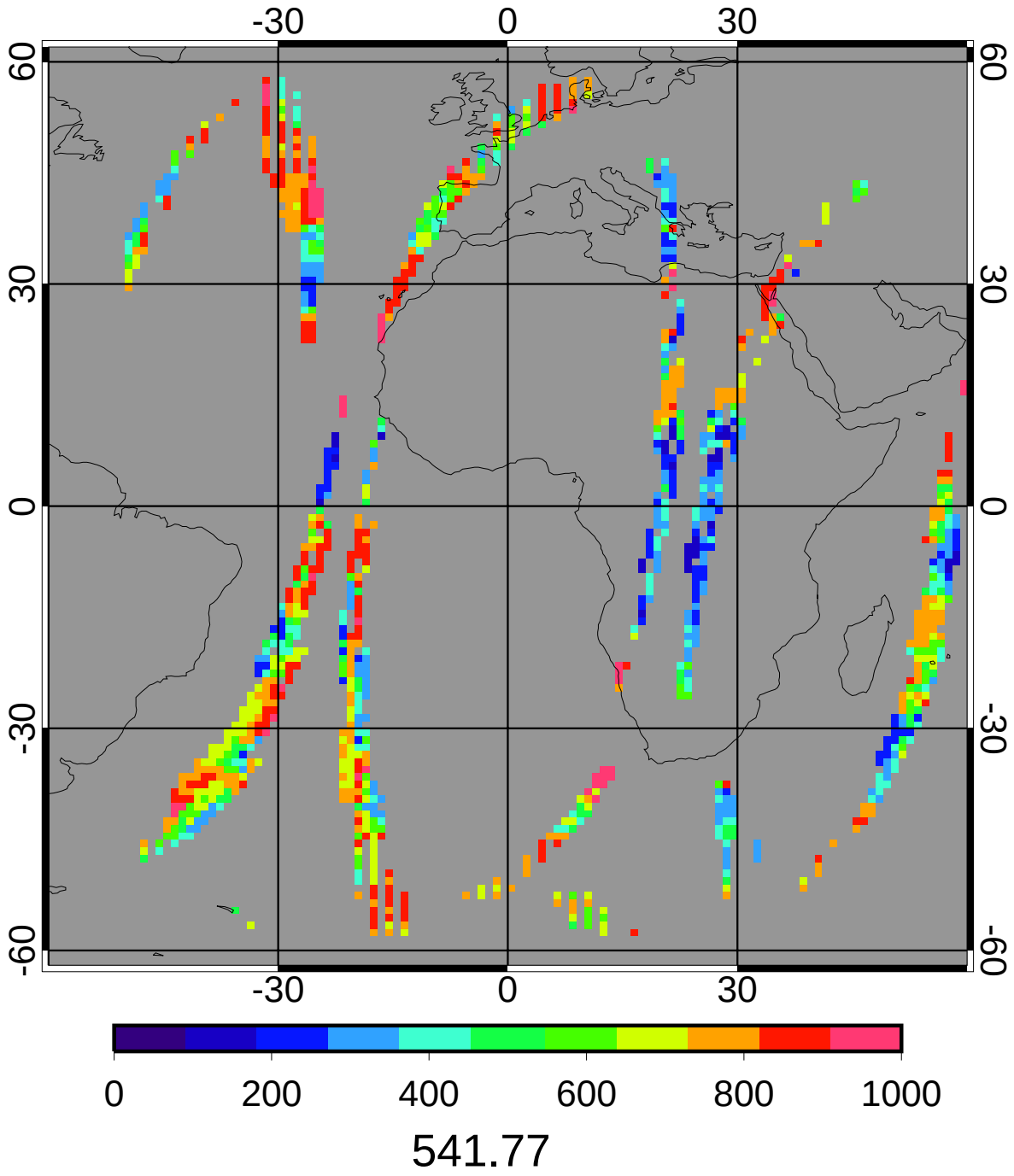
5ch_39cal Apr 2010 (matched angle)



481.73

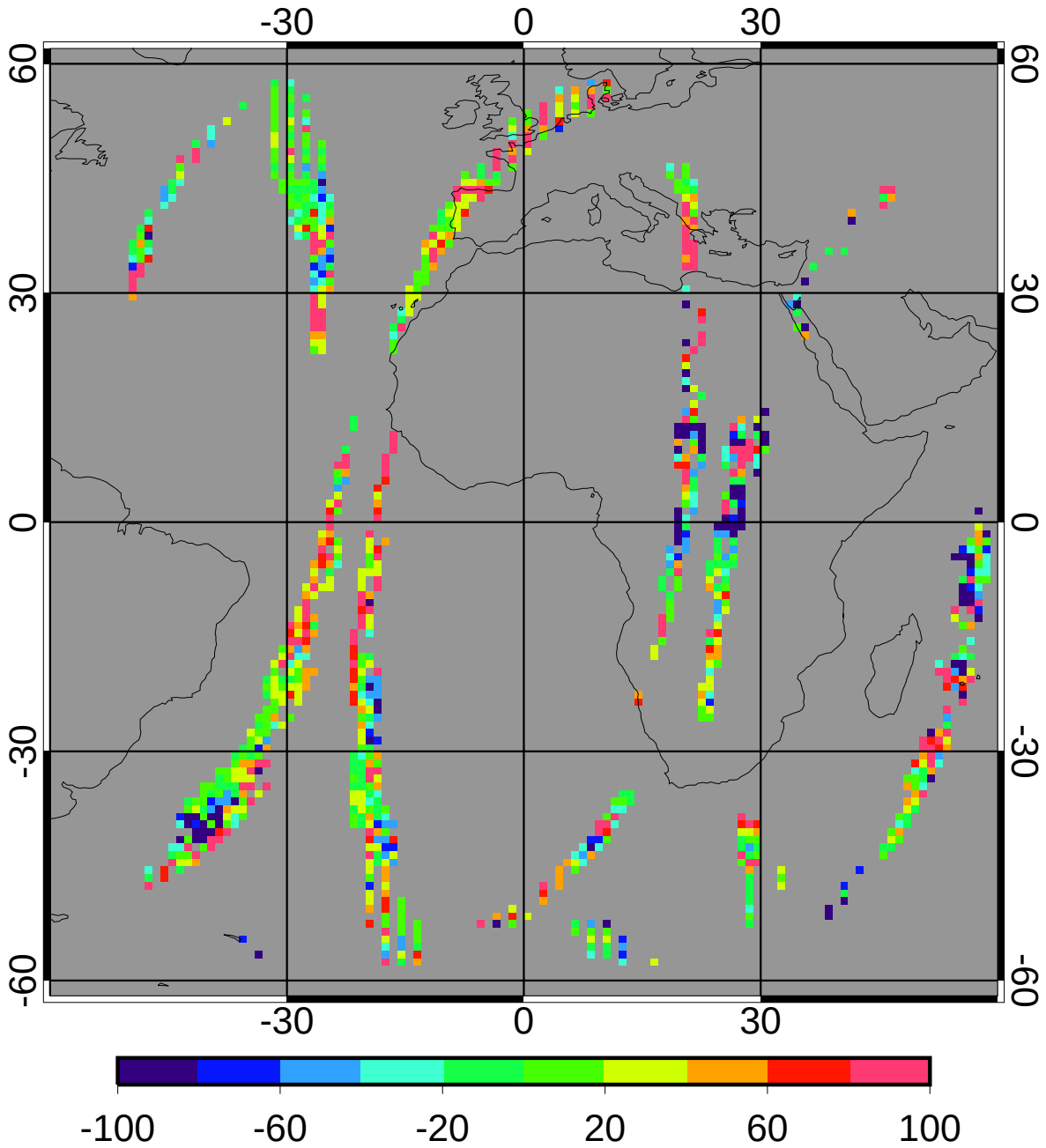
CERES/Aqua MEAN Nighttime Cloud Eff Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



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

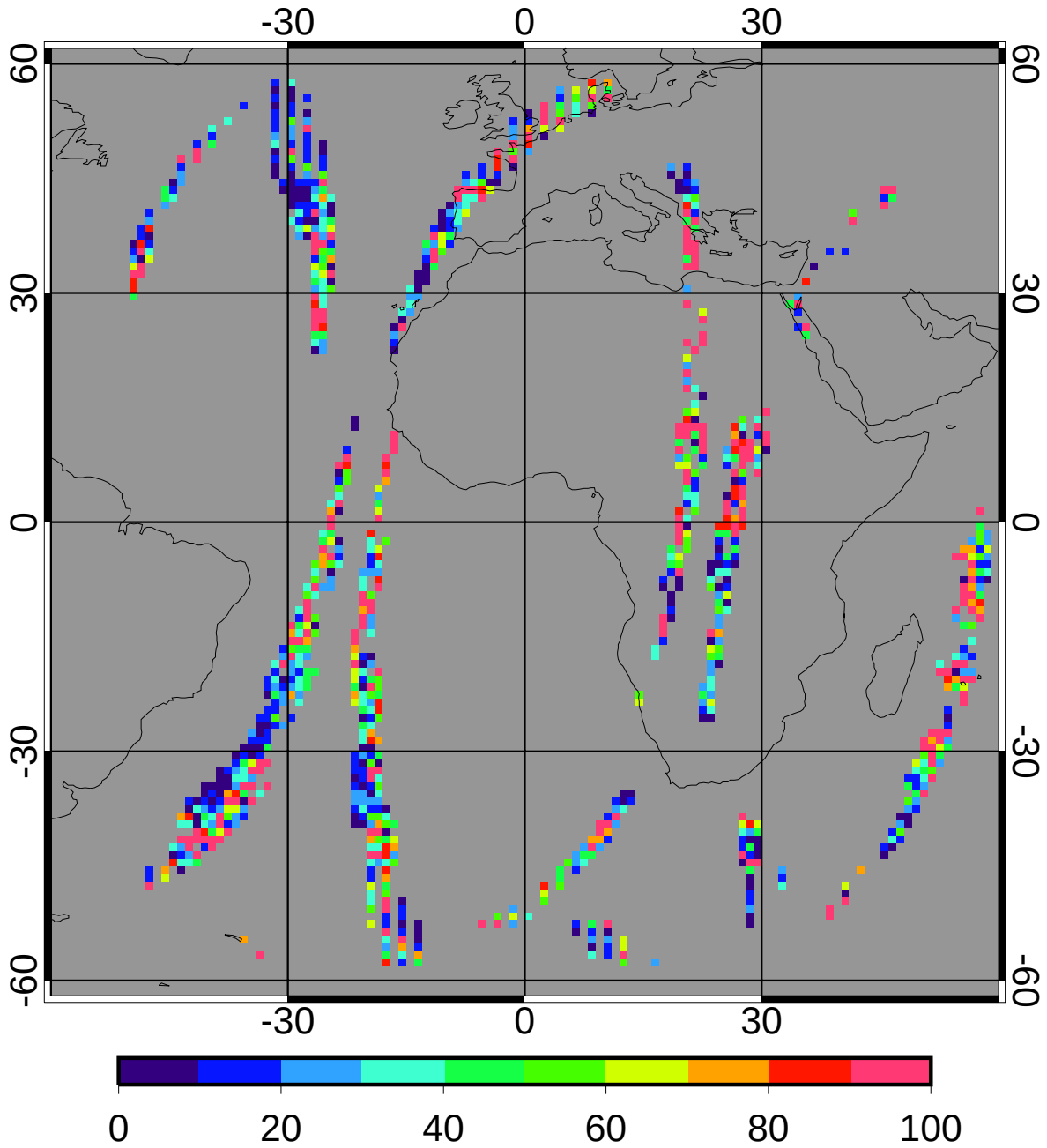
5ch_39cal Apr 2010 (matched angle)



bias	13.91	2.57%
domain sigma	82.46	15.22%

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

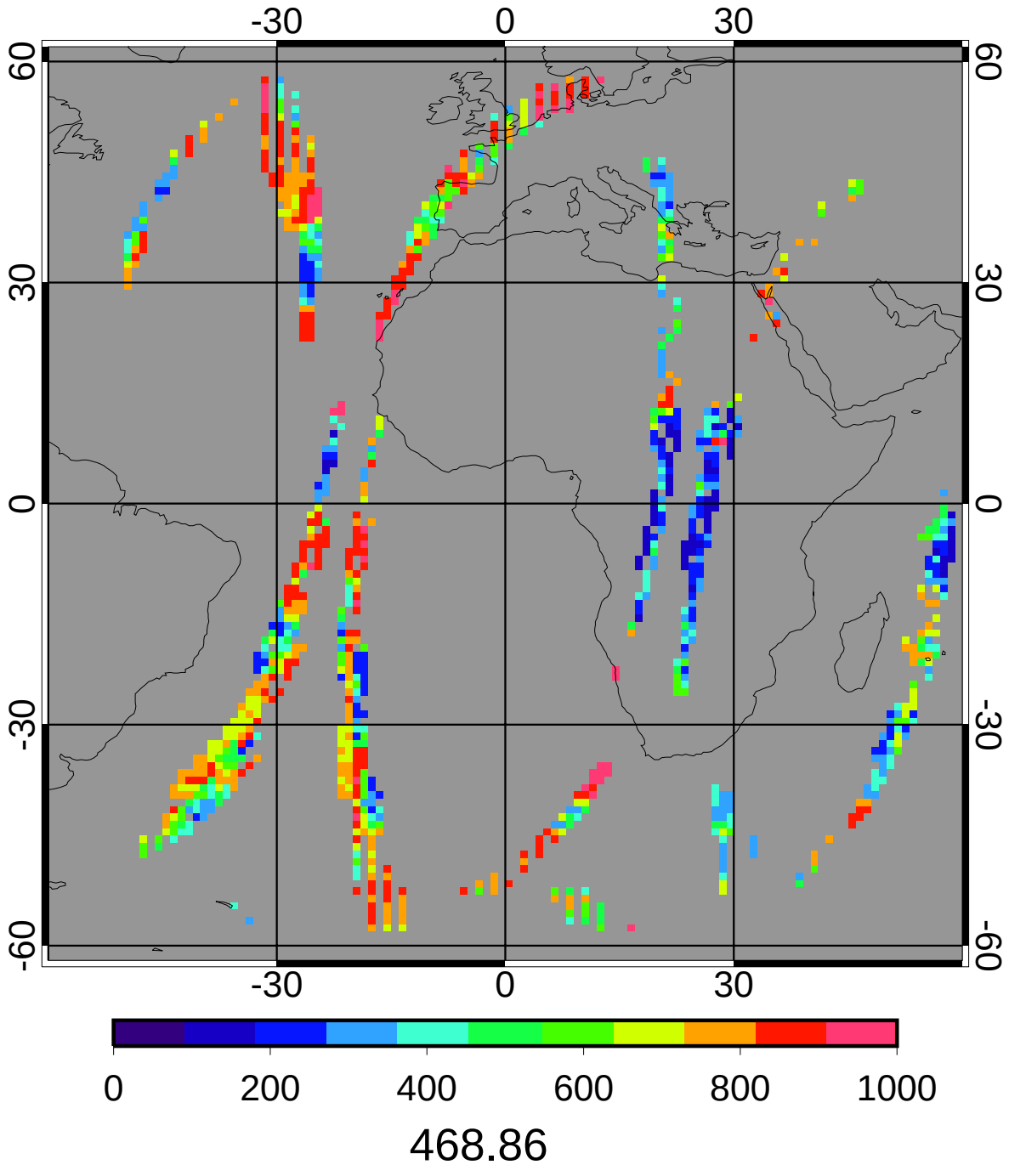
5ch_39cal Apr 2010 (matched angle)



regave rms	52.55	9.70%
domain rms	85.59	15.80%

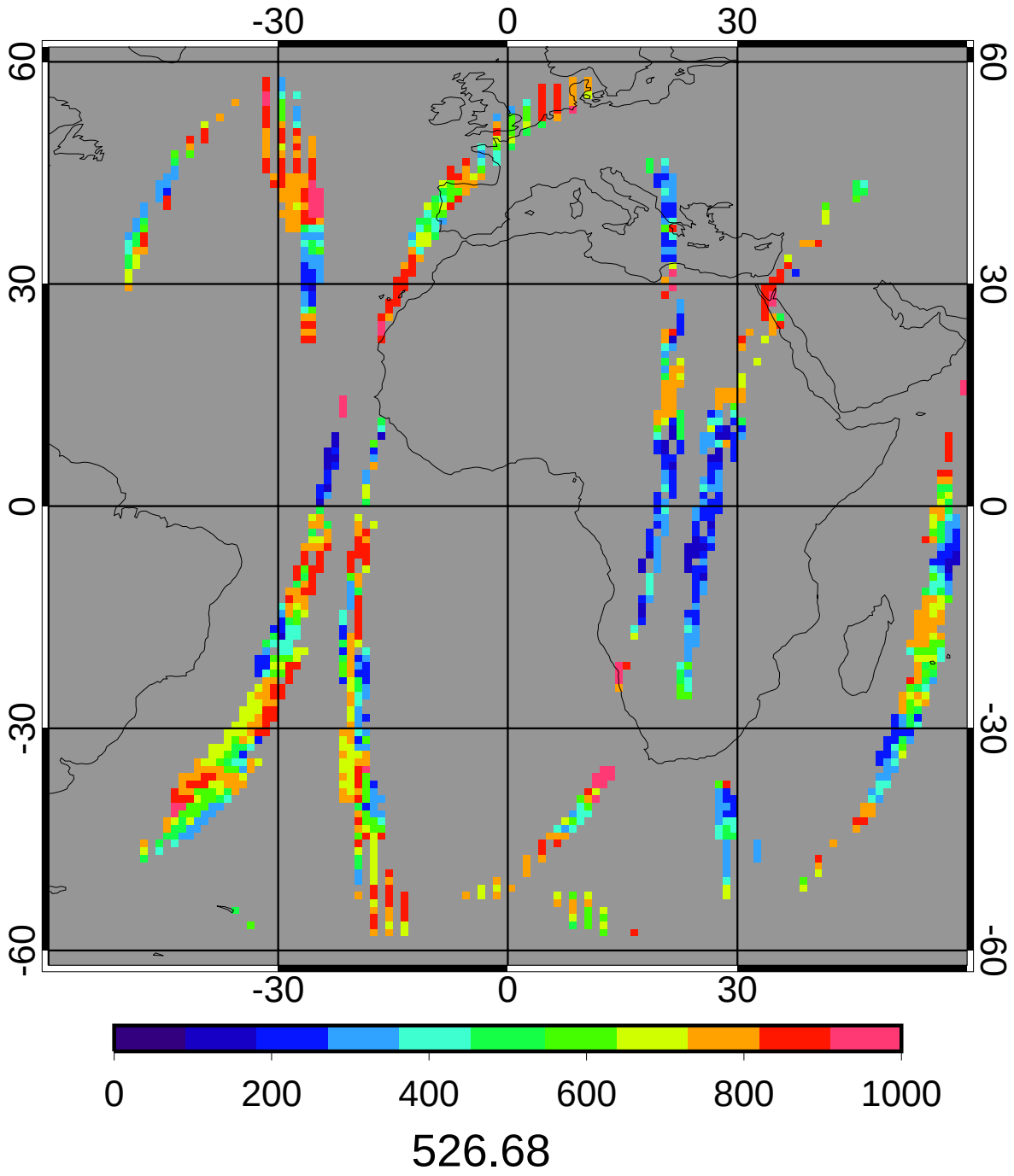
GGEO MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



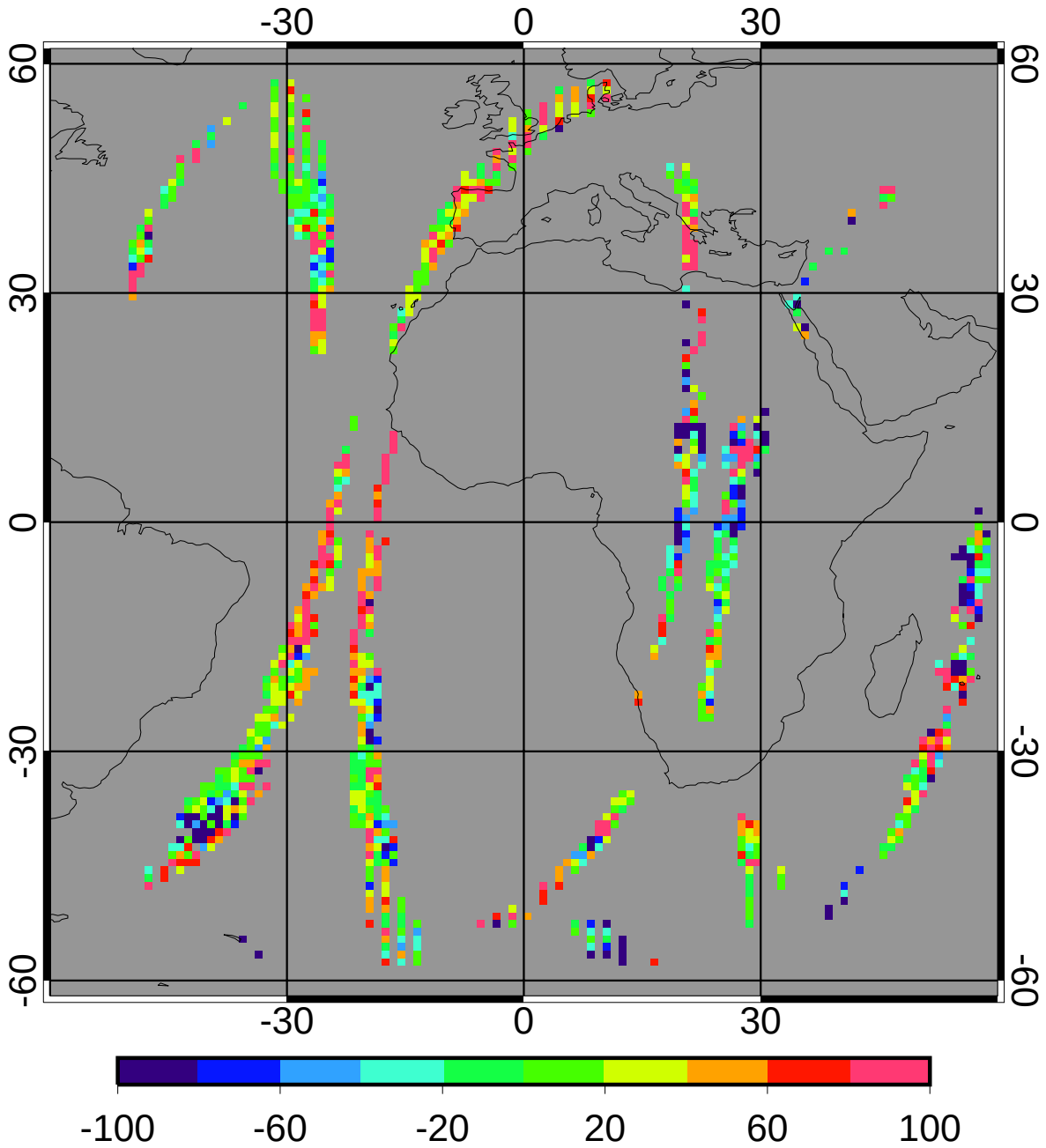
CERES/Aqua MEAN Nighttime Cloud Top Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



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

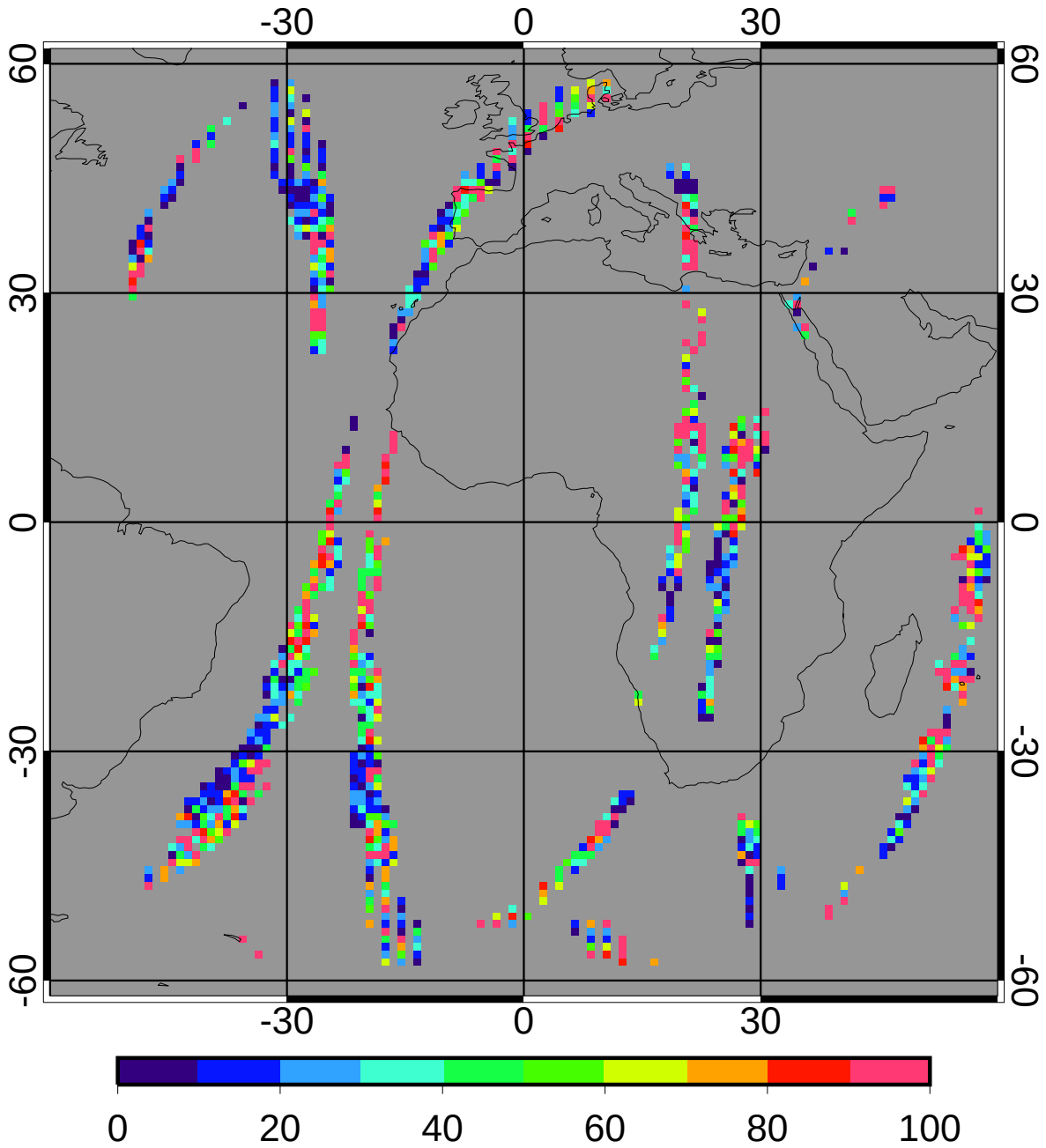
5ch_39cal Apr 2010 (matched angle)



bias	15.44	2.93%
domain sigma	83.22	15.80%

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

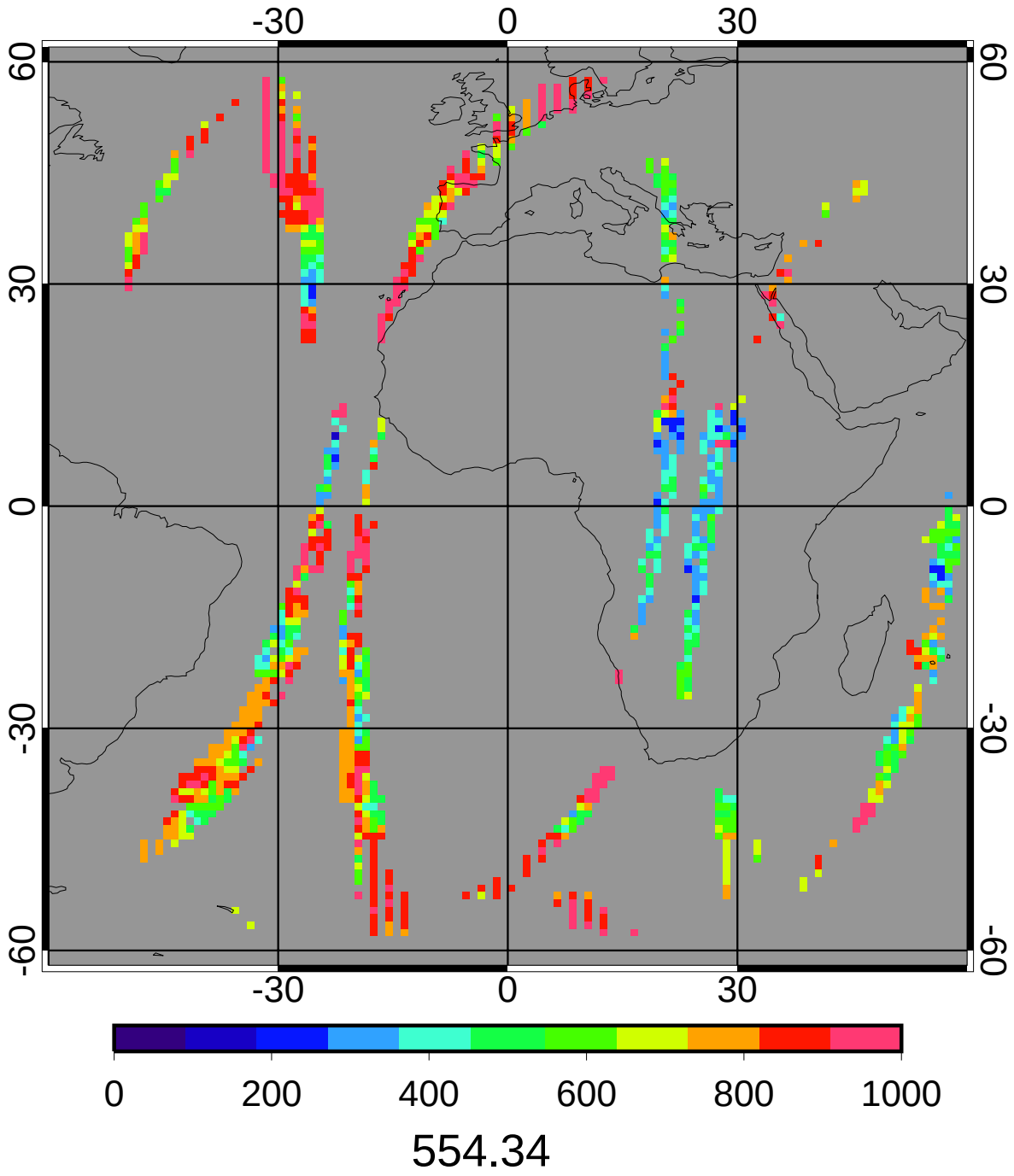
5ch_39cal Apr 2010 (matched angle)



regave rms	53.00	10.06%
domain rms	86.18	16.36%

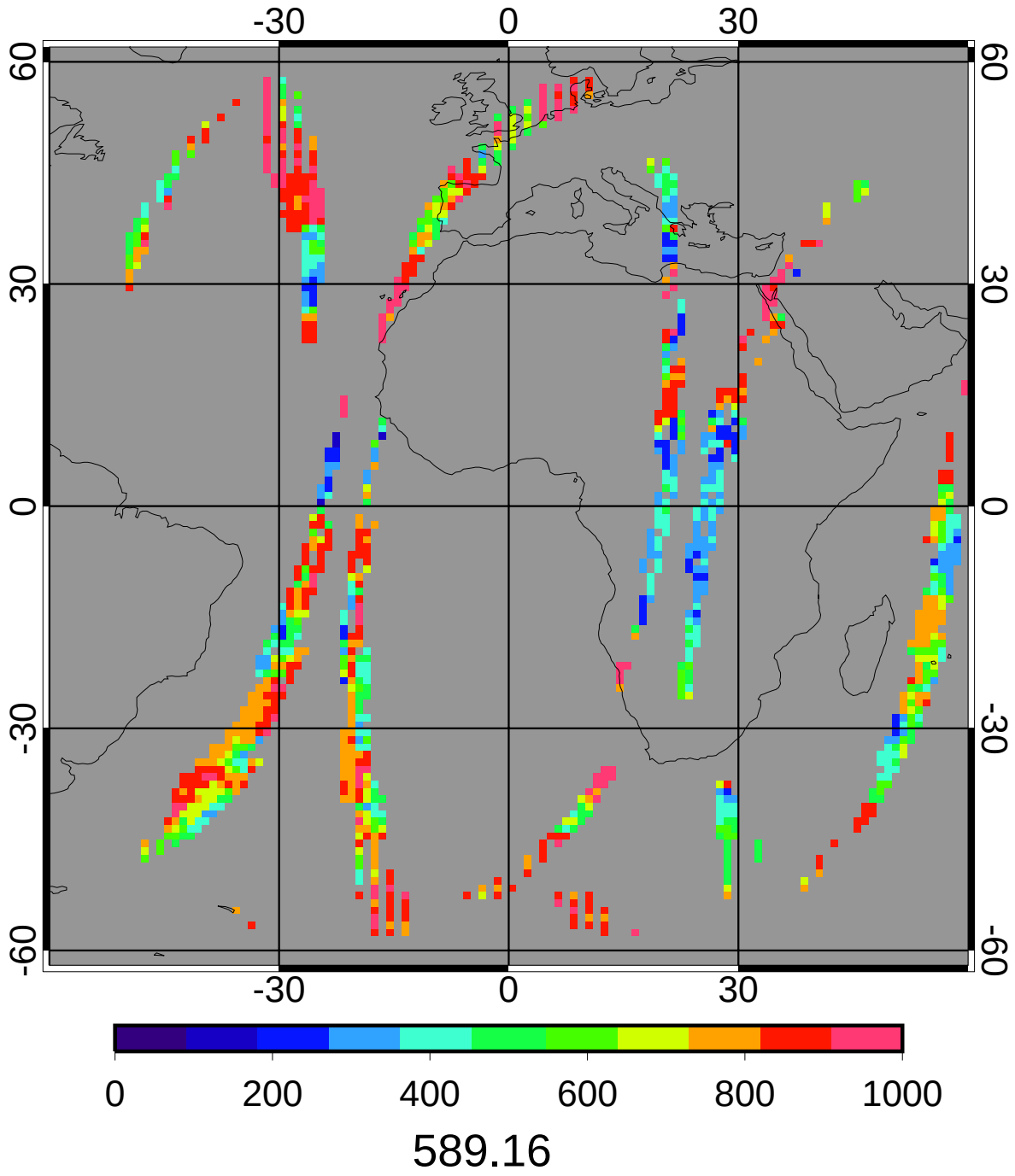
GGEO MEAN Nighttime Cloud Base Pressure (mb)

5ch_39cal Apr 2010 (matched angle)



CERES/Aqua MEAN Nighttime Cloud Base Pressure (mb)

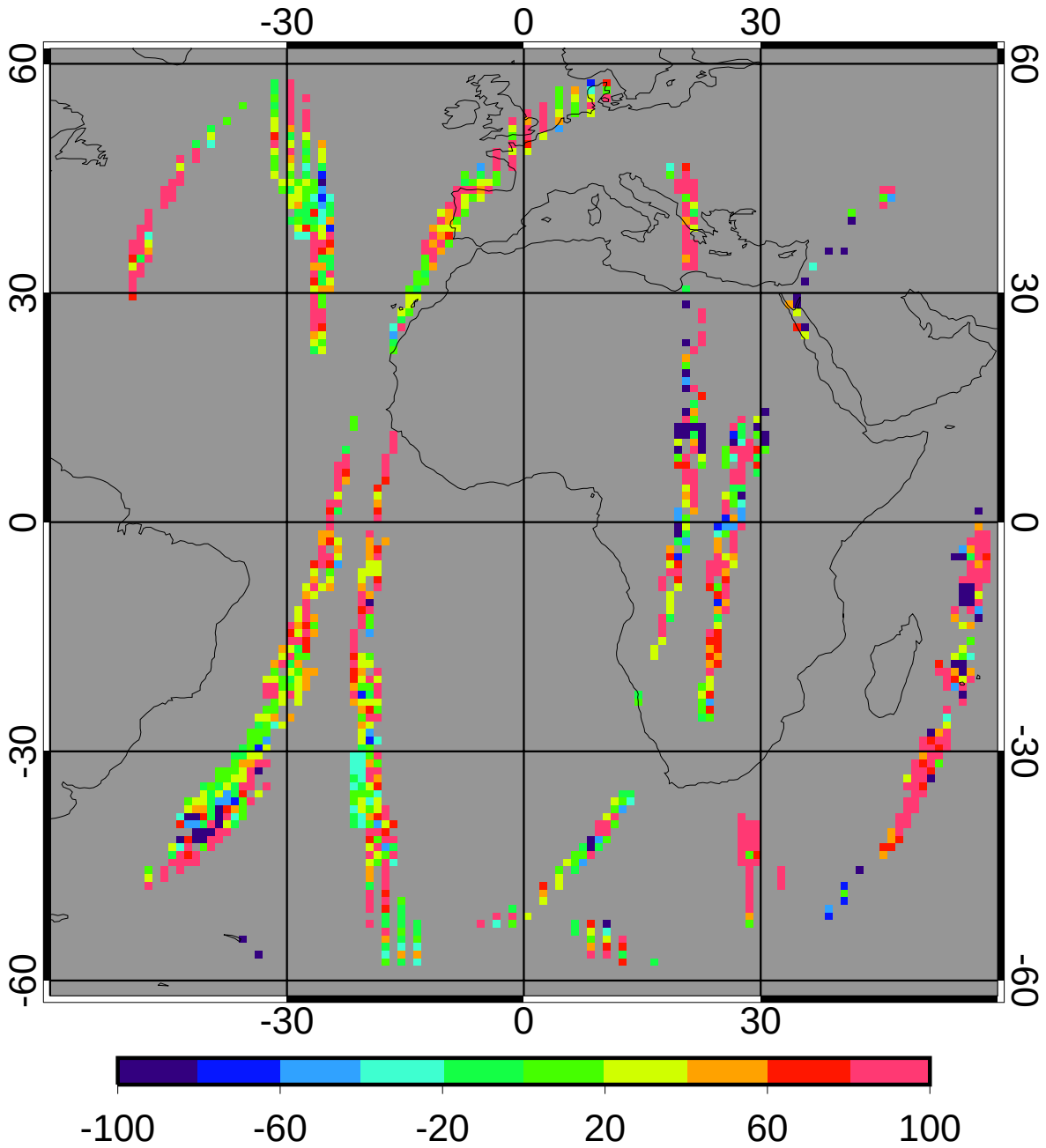
5ch_39cal Apr 2010 (matched angle)



589.16

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

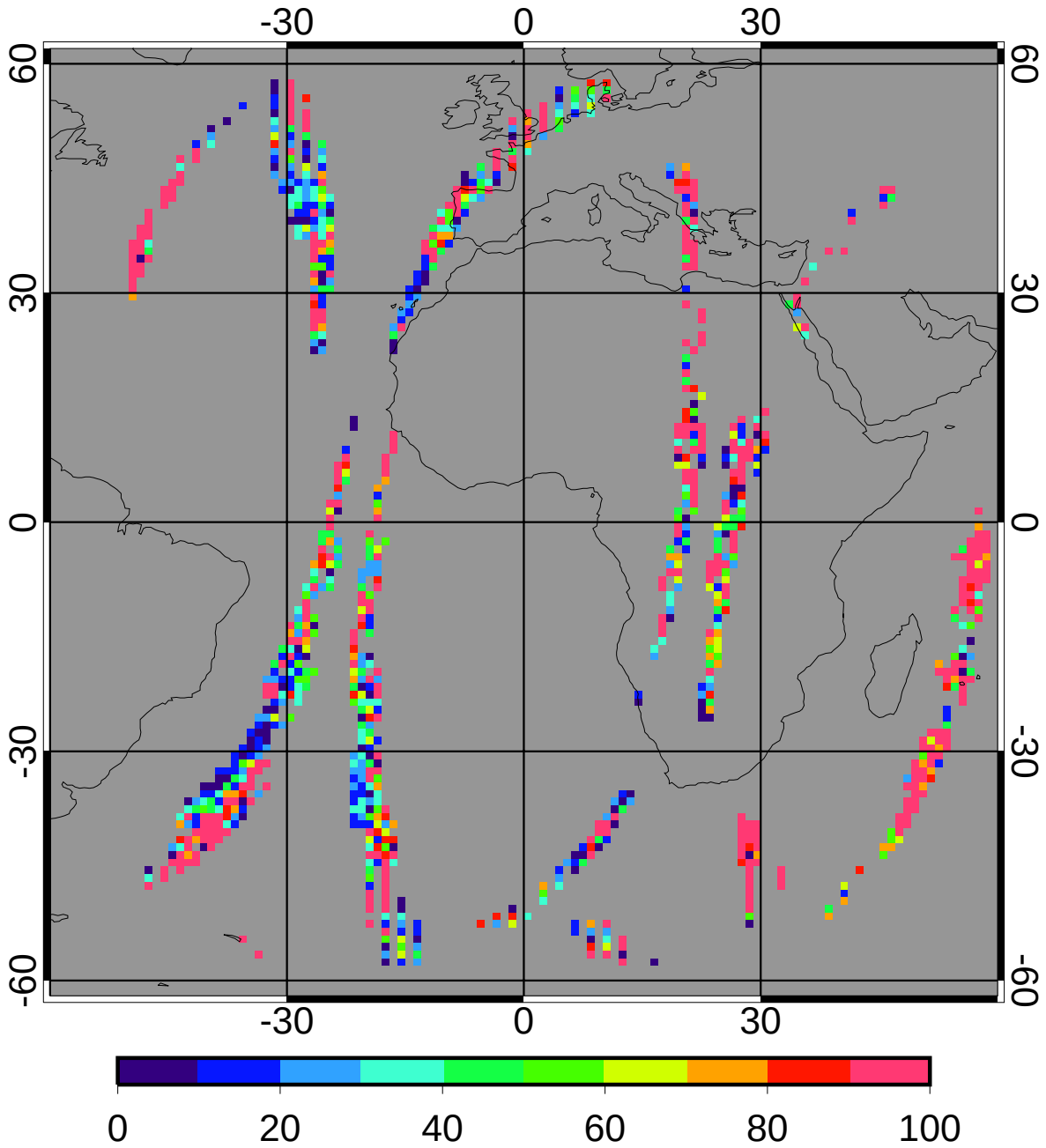
5ch_39cal Apr 2010 (matched angle)



bias	42.29	7.18%
domain sigma	89.58	15.21%

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

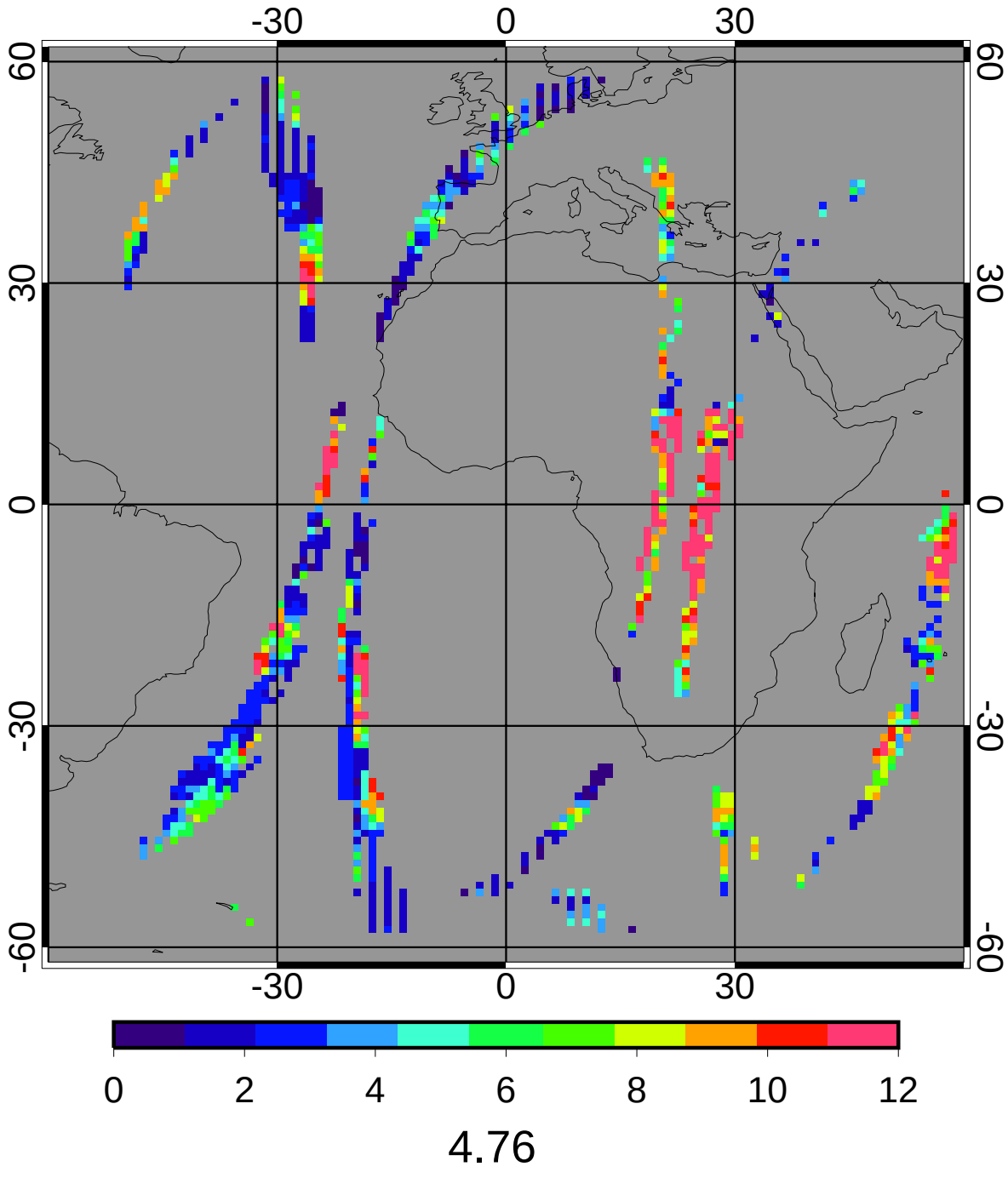
5ch_39cal Apr 2010 (matched angle)



regave rms	70.82	12.02%
domain rms	104.89	17.80%

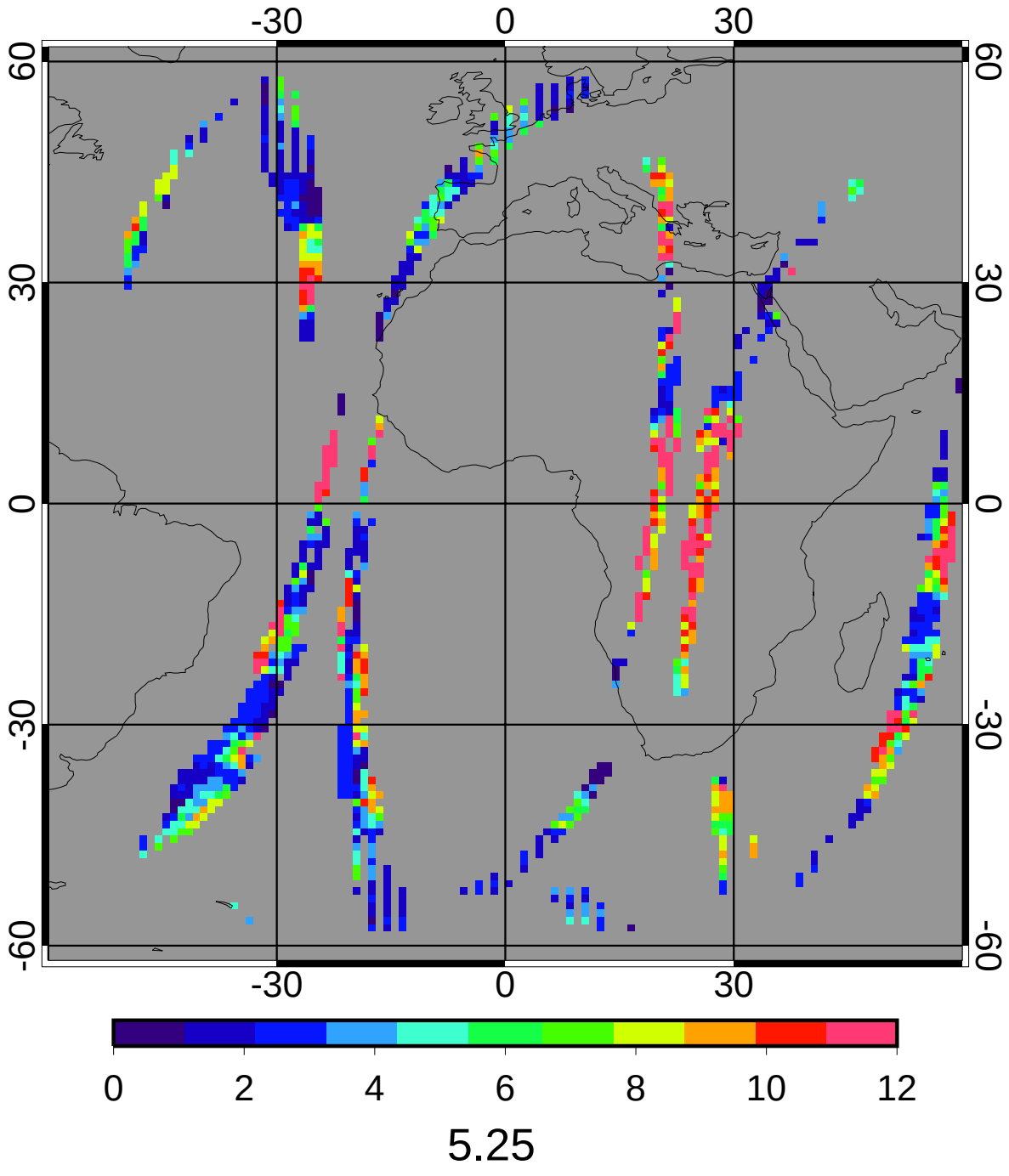
GGEO MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Apr 2010 (matched angle)



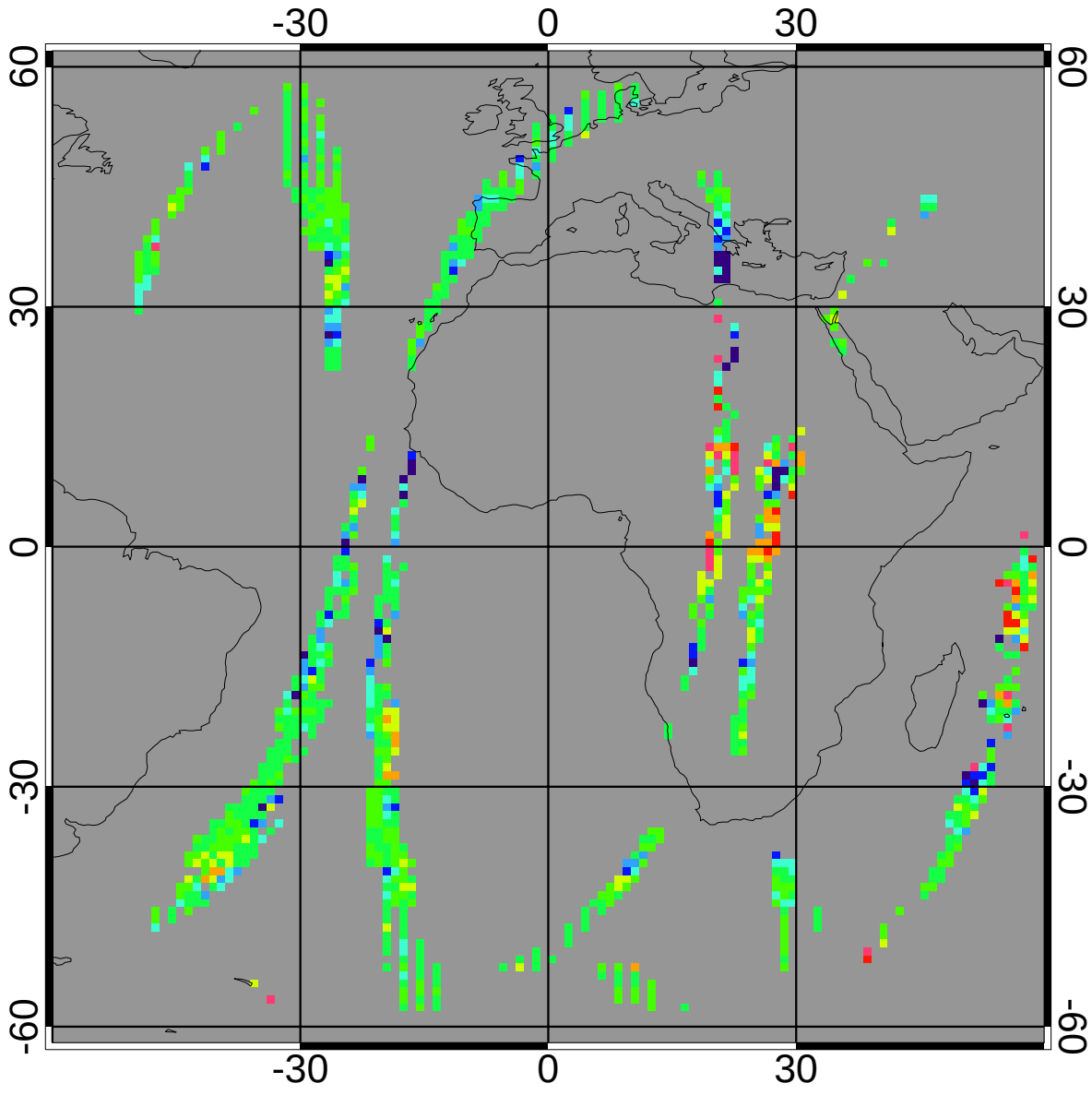
CERES/Aqua MEAN Nighttime Cloud Eff Height (km)

5ch_39cal Apr 2010 (matched angle)



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

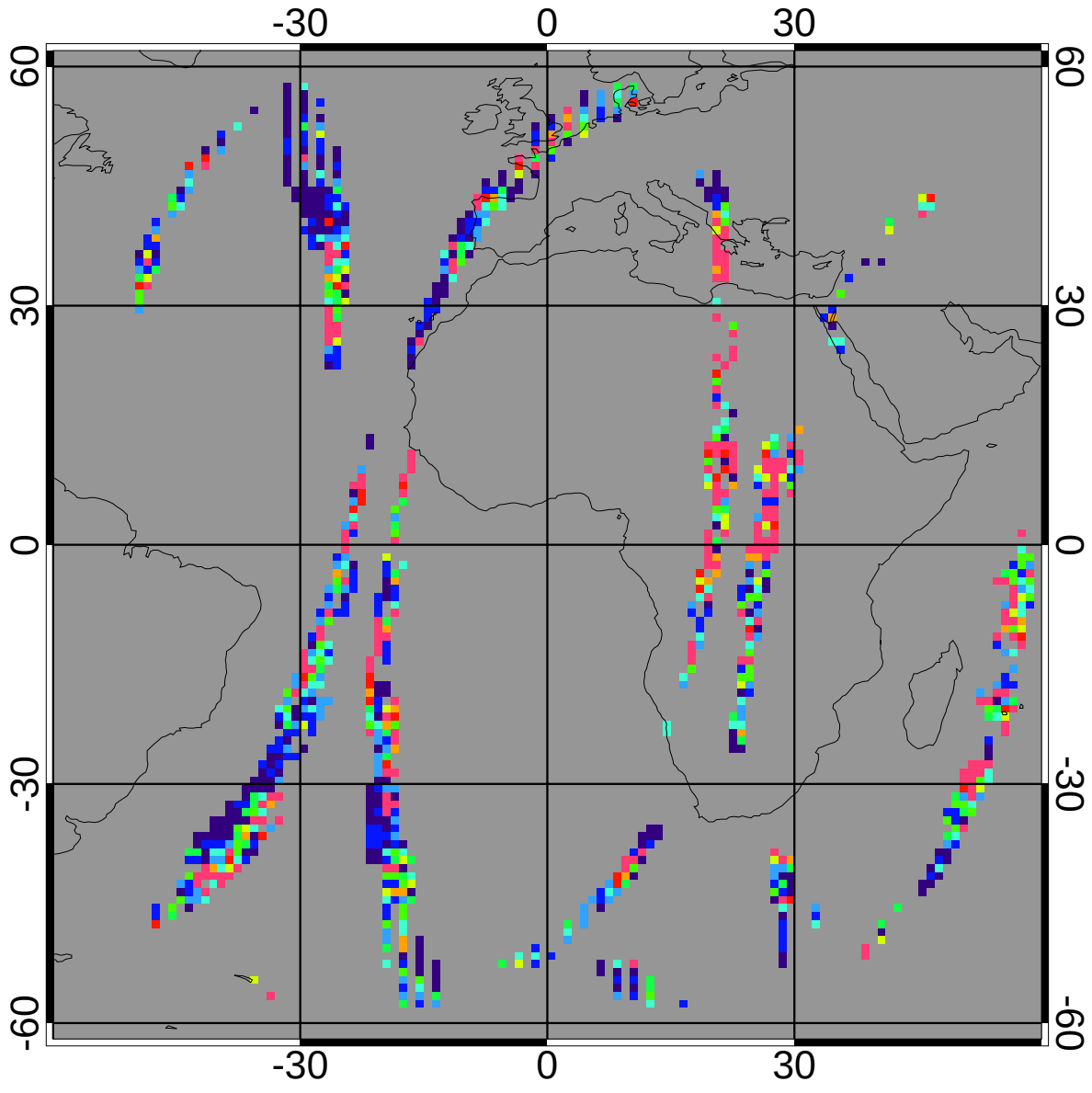
5ch_39cal Apr 2010 (matched angle)



bias	-0.22	-4.25%
domain sigma	1.59	30.30%

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

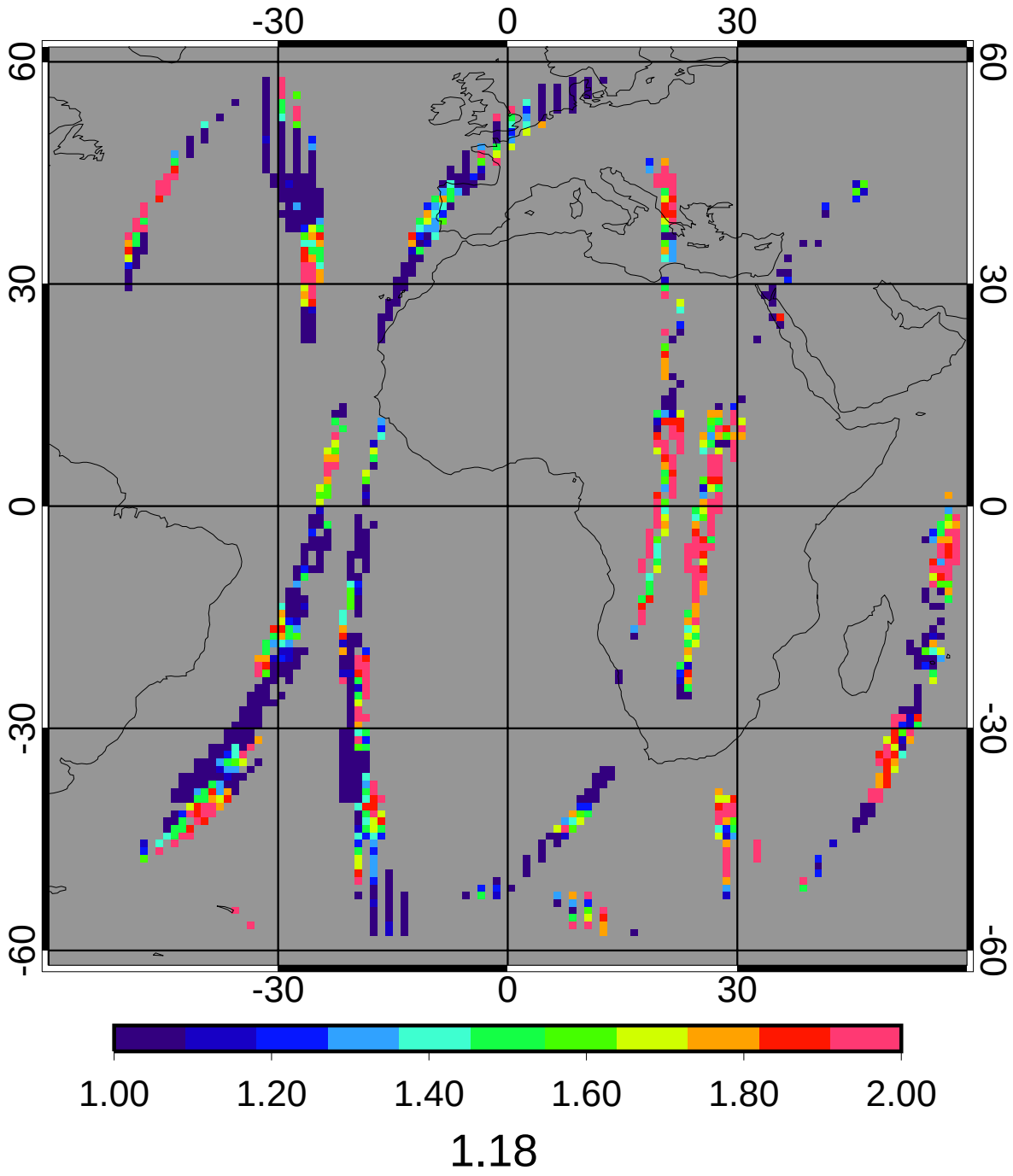
5ch_39cal Apr 2010 (matched angle)



regave rms	0.98	18.66%
domain rms	1.62	30.77%

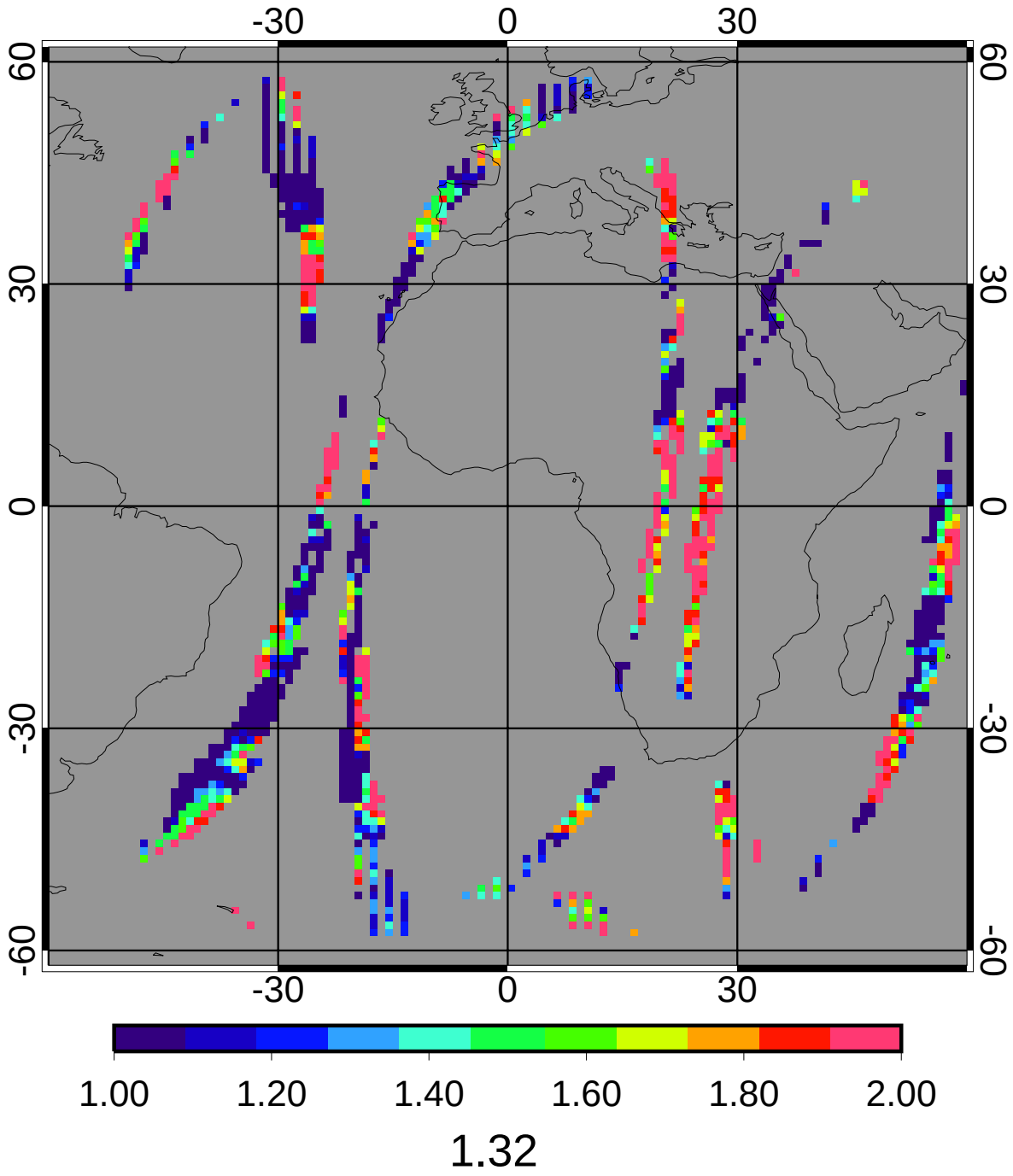
GGEO MEAN Nighttime Cloud Phase

5ch_39cal Apr 2010 (matched angle)



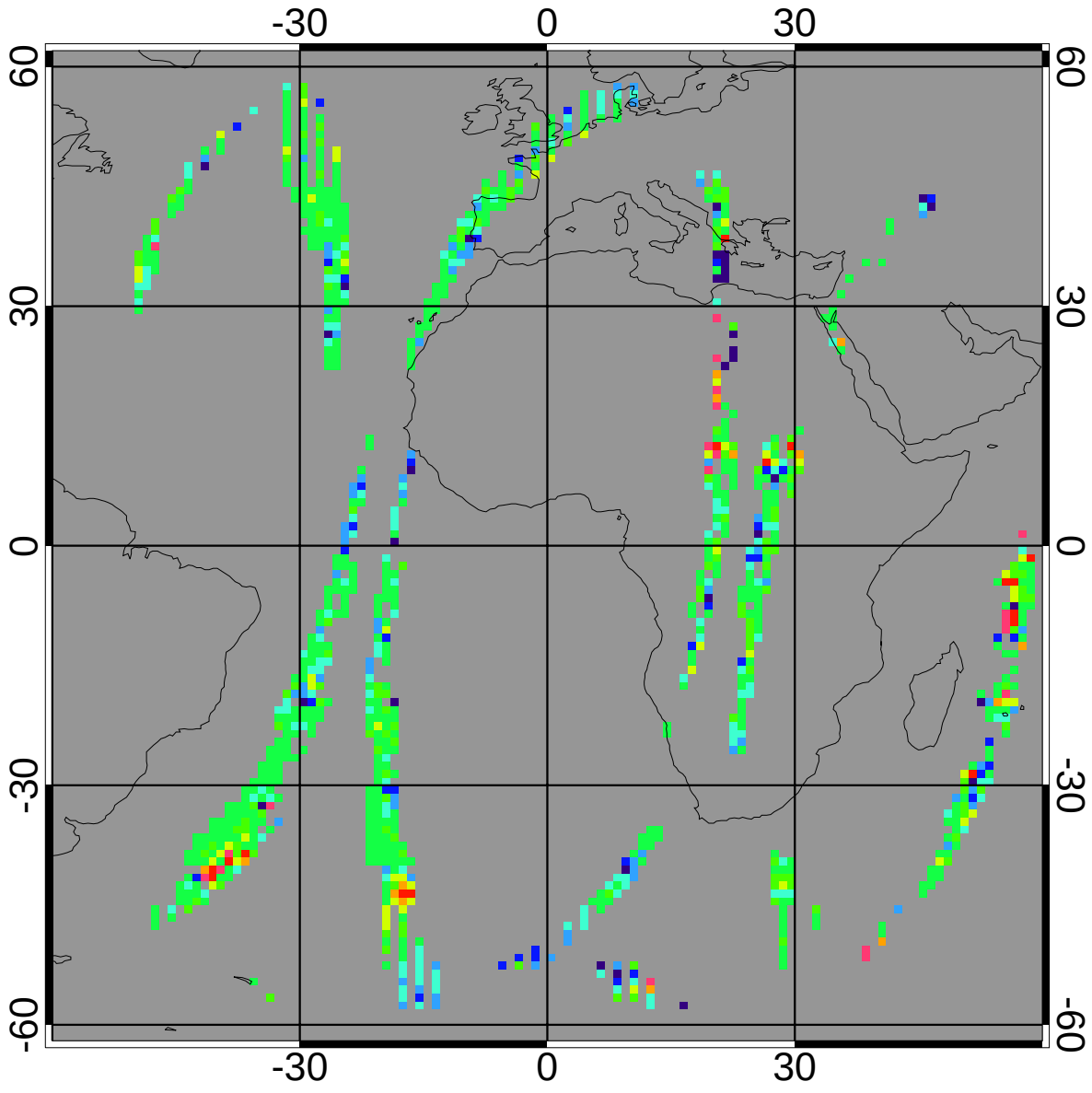
CERES/Aqua MEAN Nighttime Cloud Phase

5ch_39cal Apr 2010 (matched angle)



GGEO - CERES/Aqua Nighttime Cloud Phase Bias

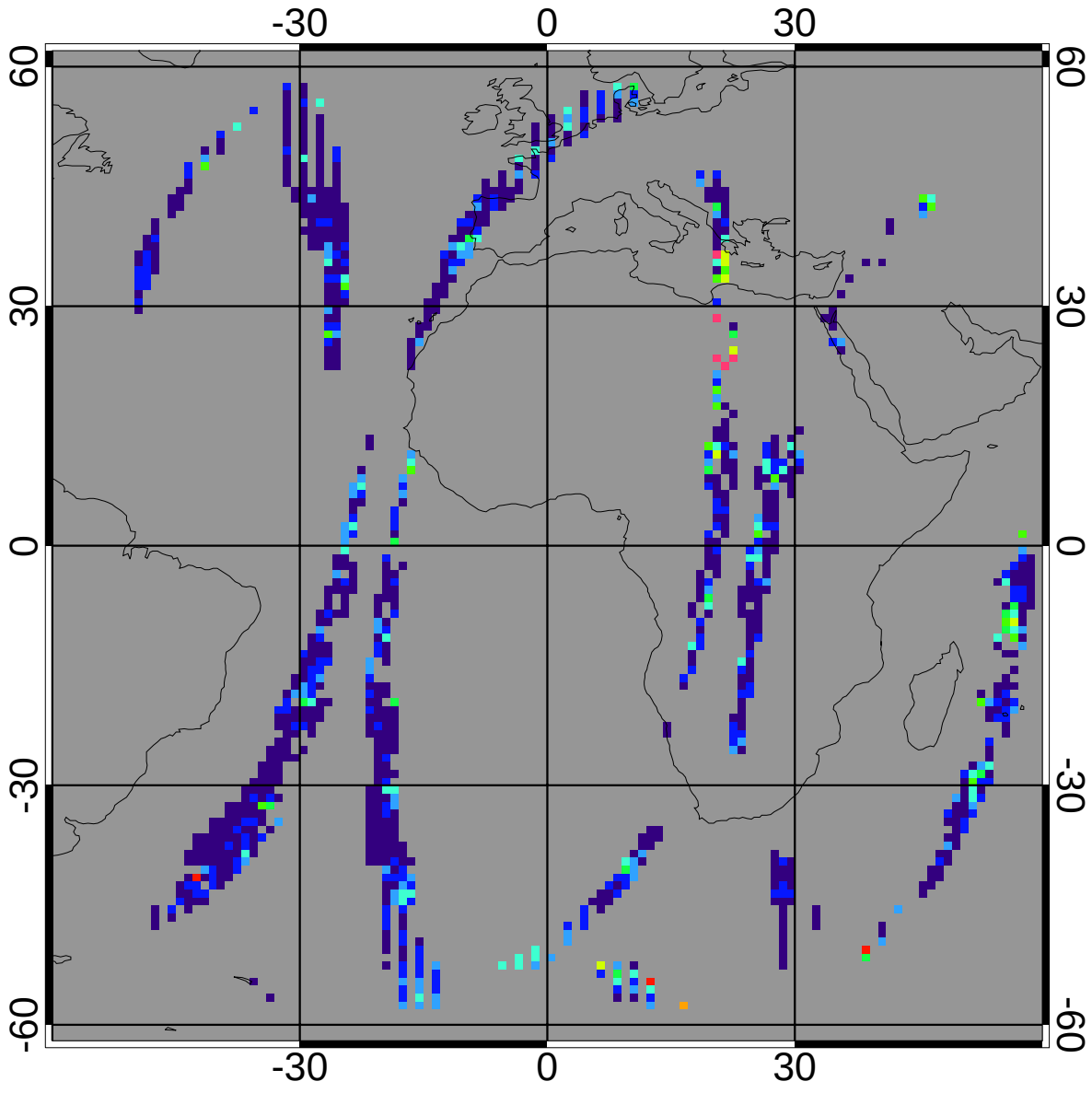
5ch_39cal Apr 2010 (matched angle)



bias	-0.04	-2.99%
domain sigma	0.15	11.30%

GGEO - CERES/Aqua Nighttime Cloud Phase RMS

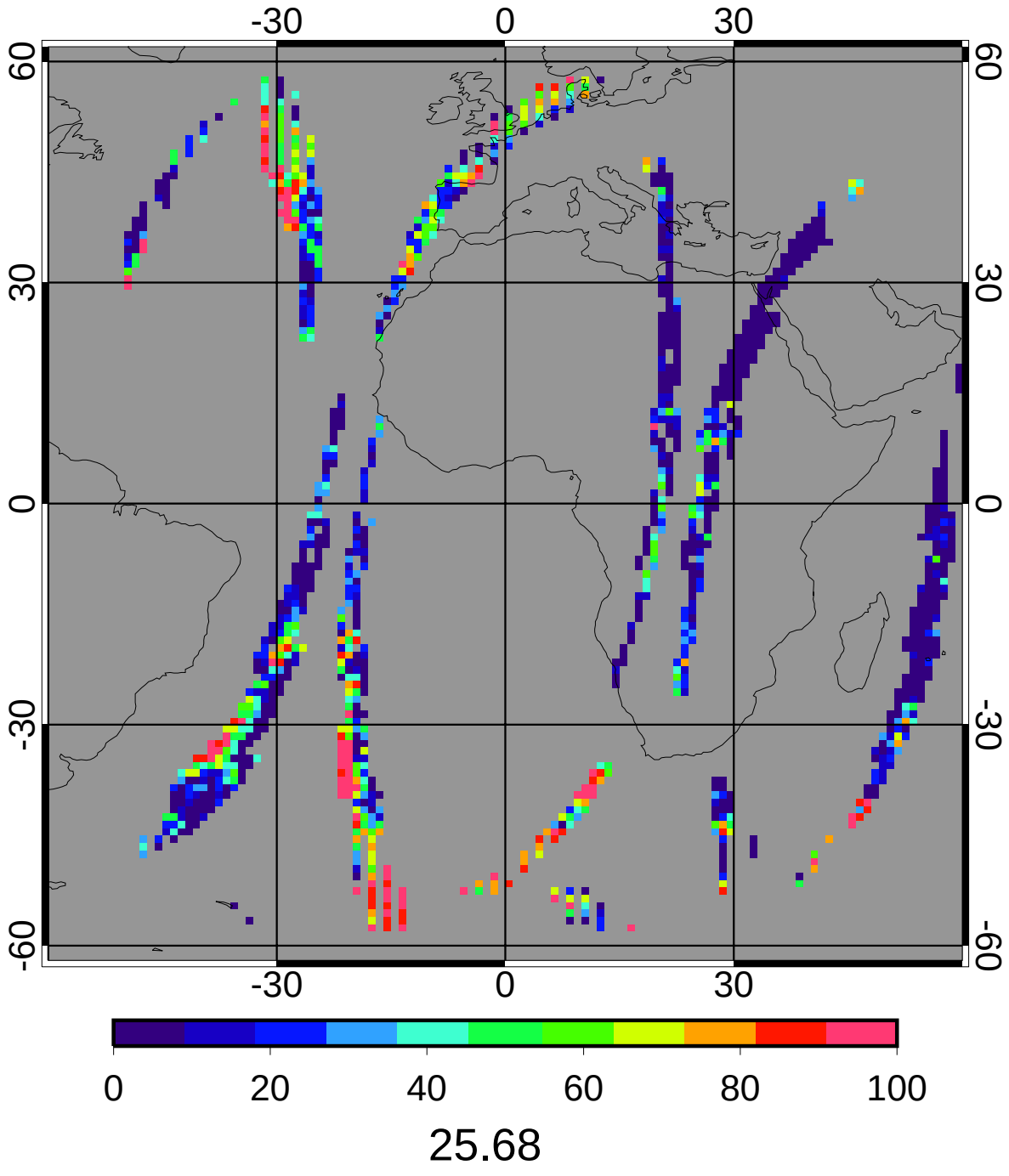
5ch_39cal Apr 2010 (matched angle)



regave rms	0.09	6.81%
domain rms	0.16	12.41%

GGEO MEAN Nighttime Liquid Cld Amt (%)

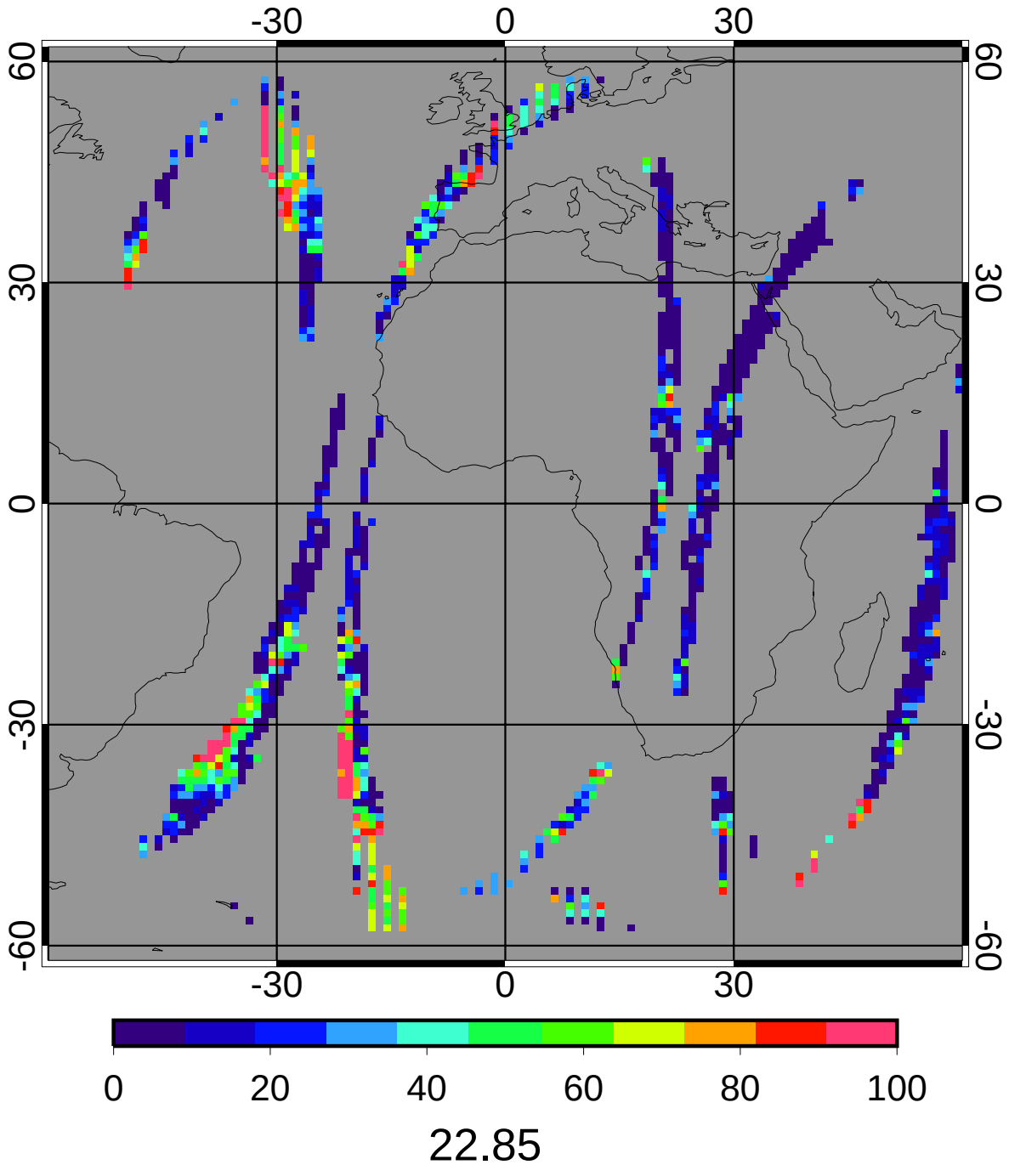
5ch_39cal Apr 2010 (matched angle)



25.68

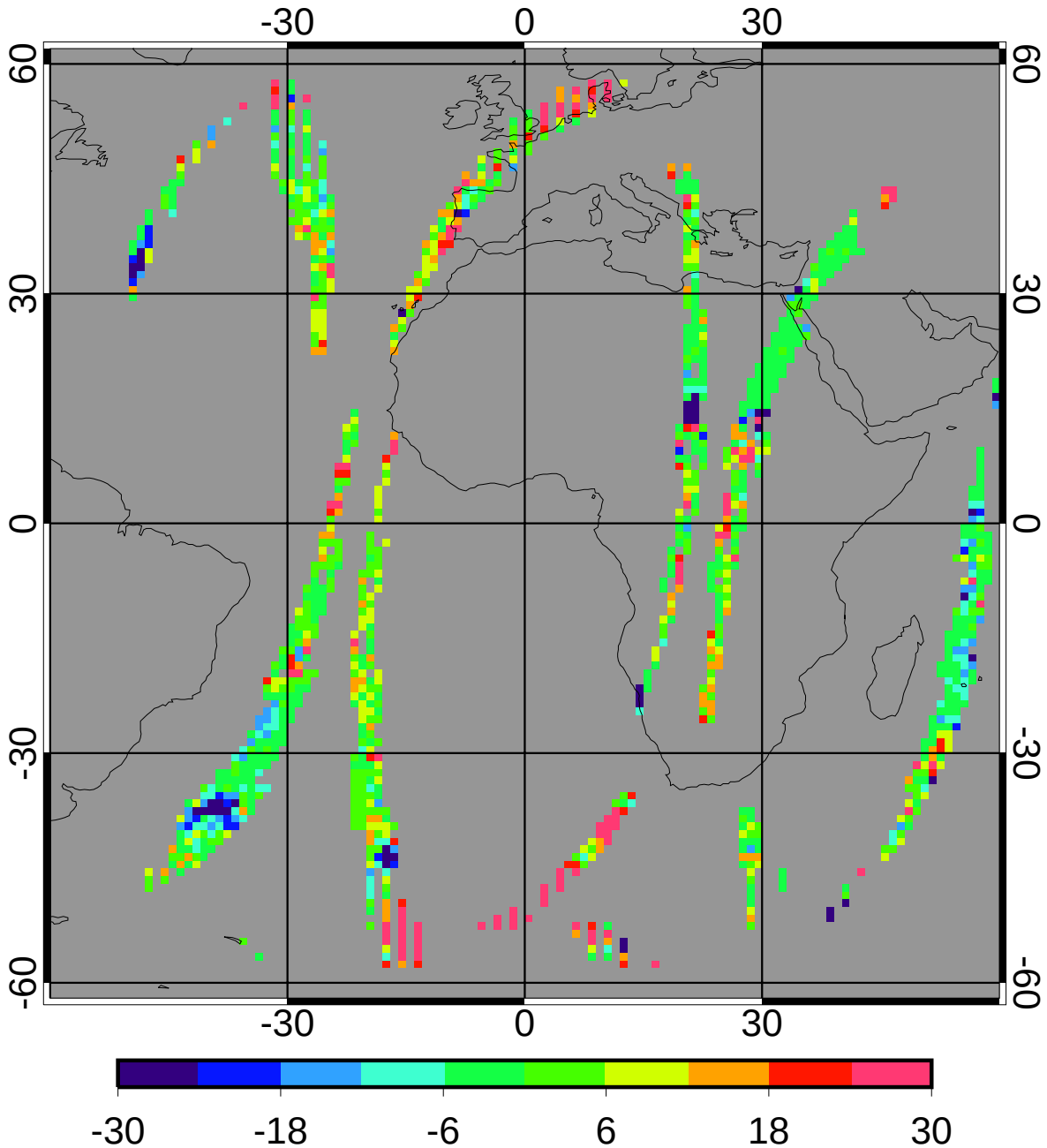
CERES/Aqua MEAN Nighttime Liquid Cld Amt (%)

5ch_39cal Apr 2010 (matched angle)



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

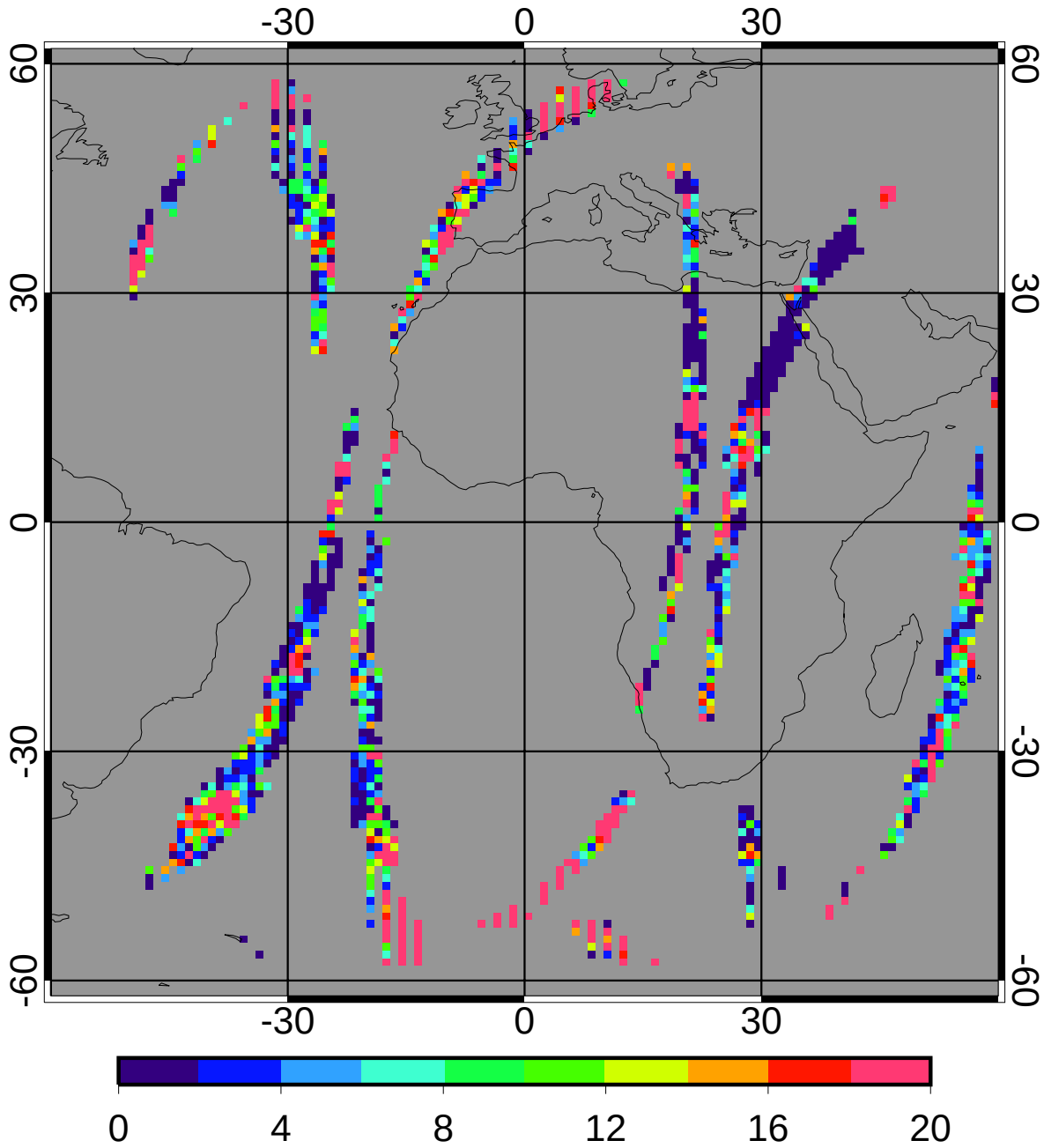
5ch_39cal Apr 2010 (matched angle)



bias	2.83	12.37%
domain sigma	13.19	57.70%

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

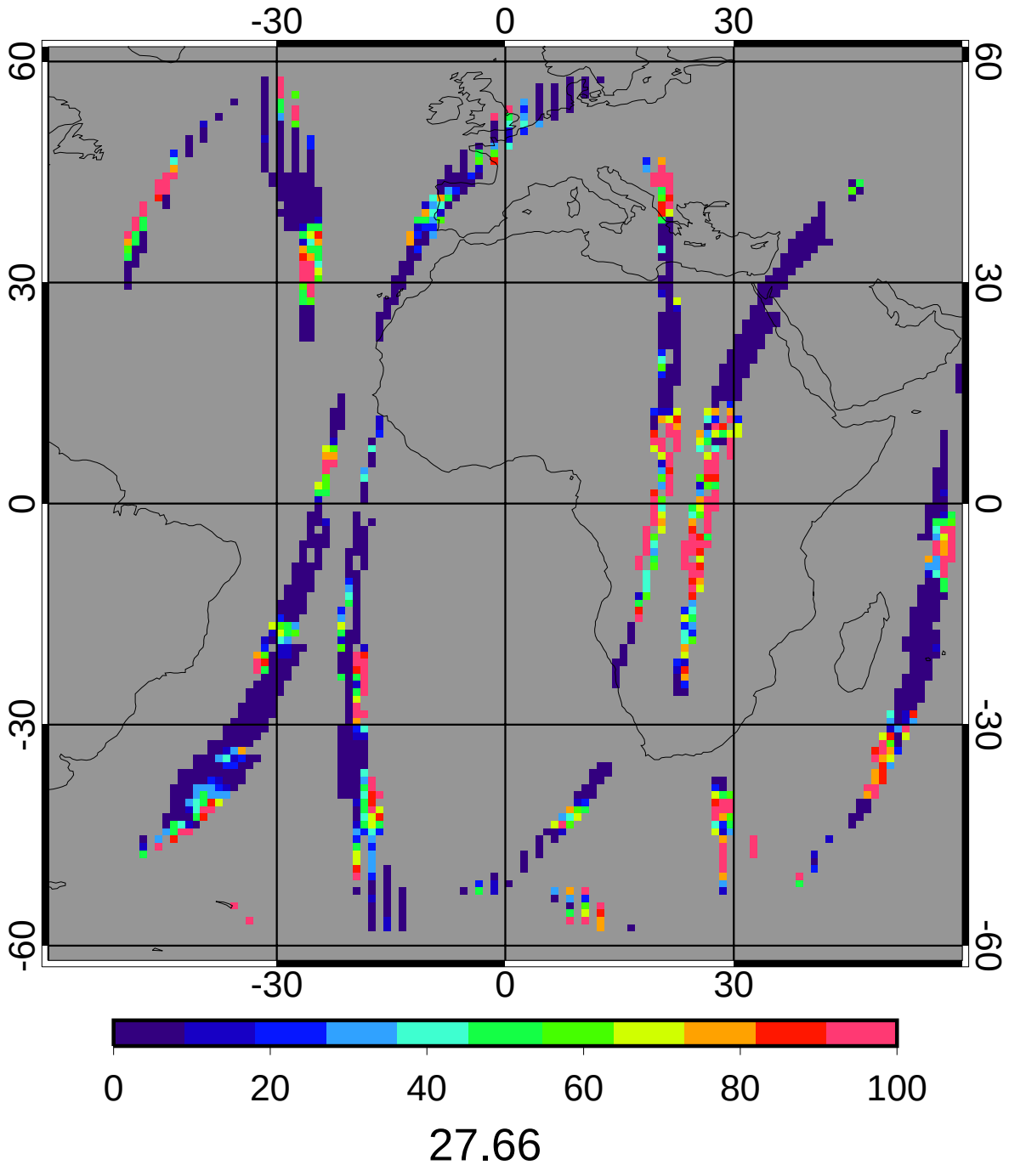
5ch_39cal Apr 2010 (matched angle)



regave rms	10.12	44.30%
domain rms	15.78	69.06%

GGEO MEAN Nighttime Ice Cld Amt (%)

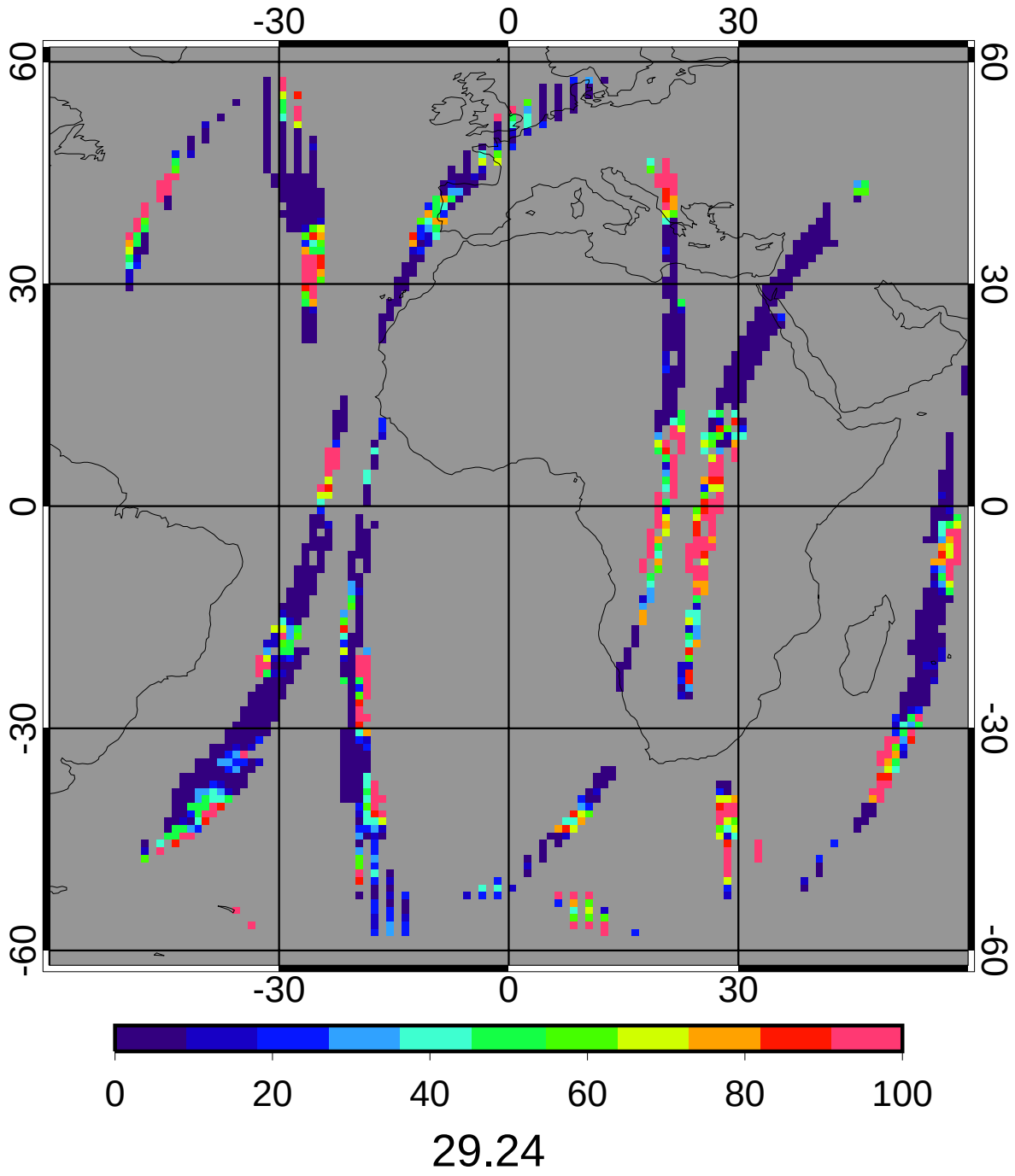
5ch_39cal Apr 2010 (matched angle)



27.66

CERES/Aqua MEAN Nighttime Ice Cld Amt (%)

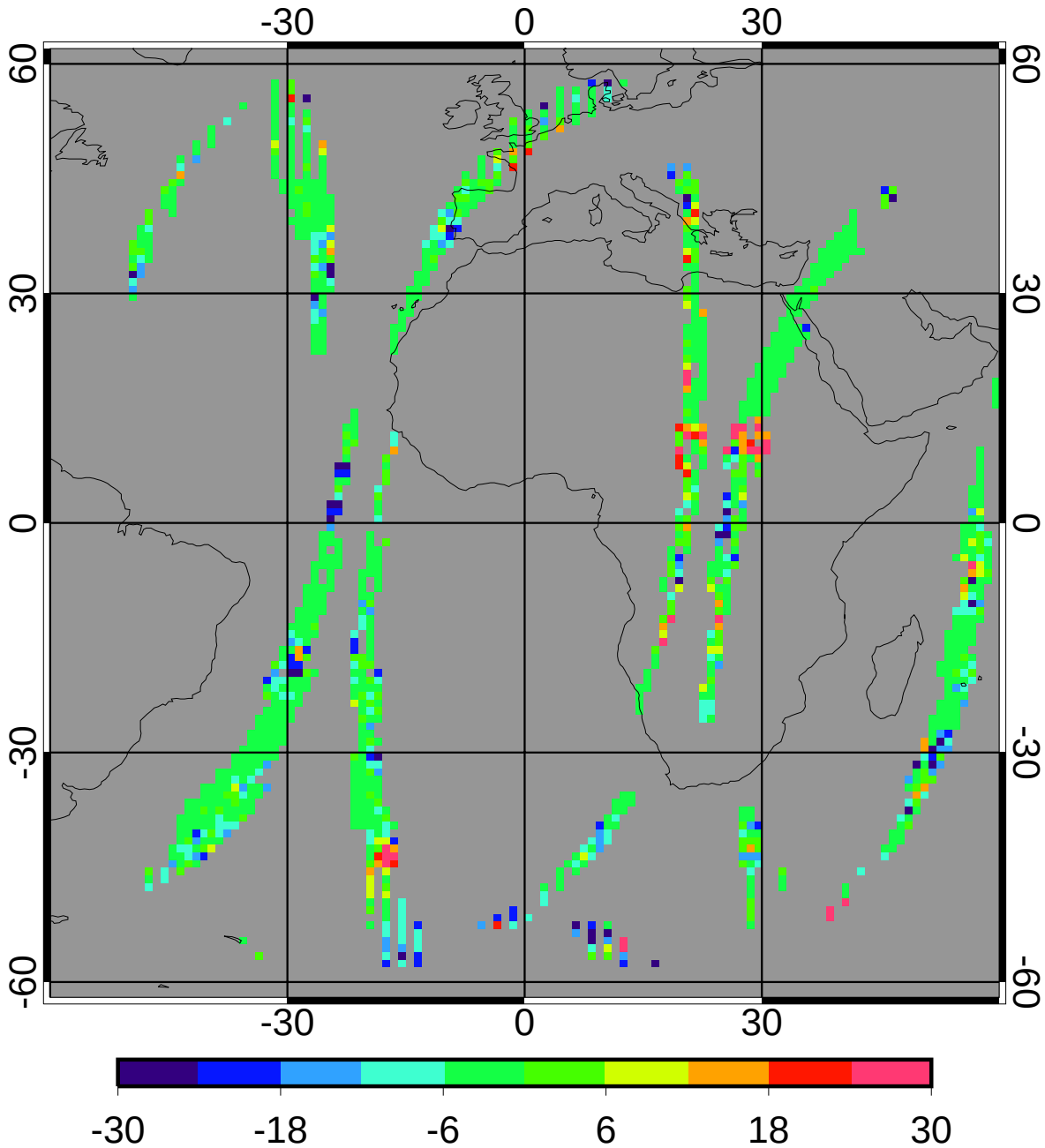
5ch_39cal Apr 2010 (matched angle)



29.24

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

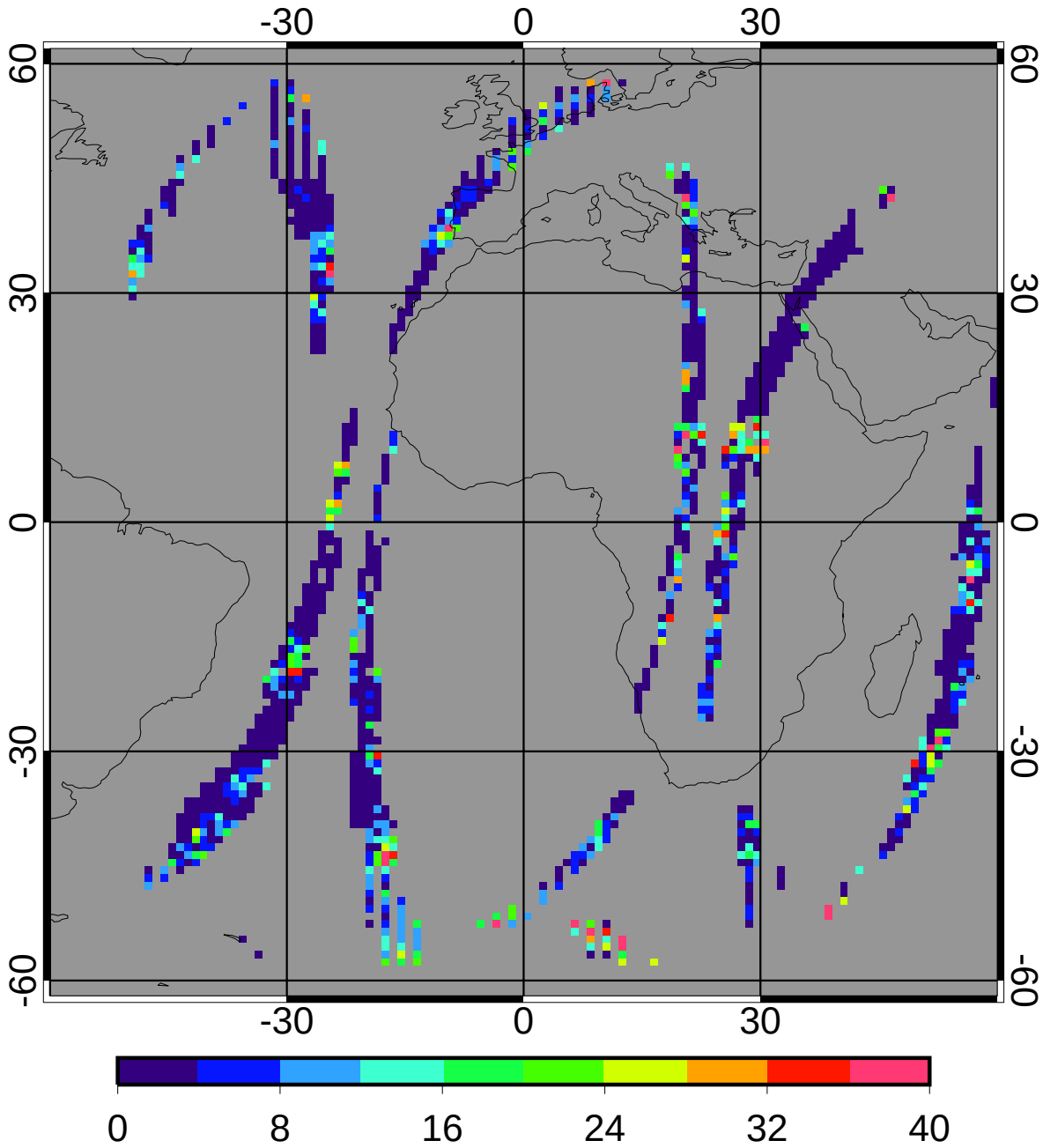
5ch_39cal Apr 2010 (matched angle)



bias	-1.58	-5.41%
domain sigma	8.82	30.15%

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

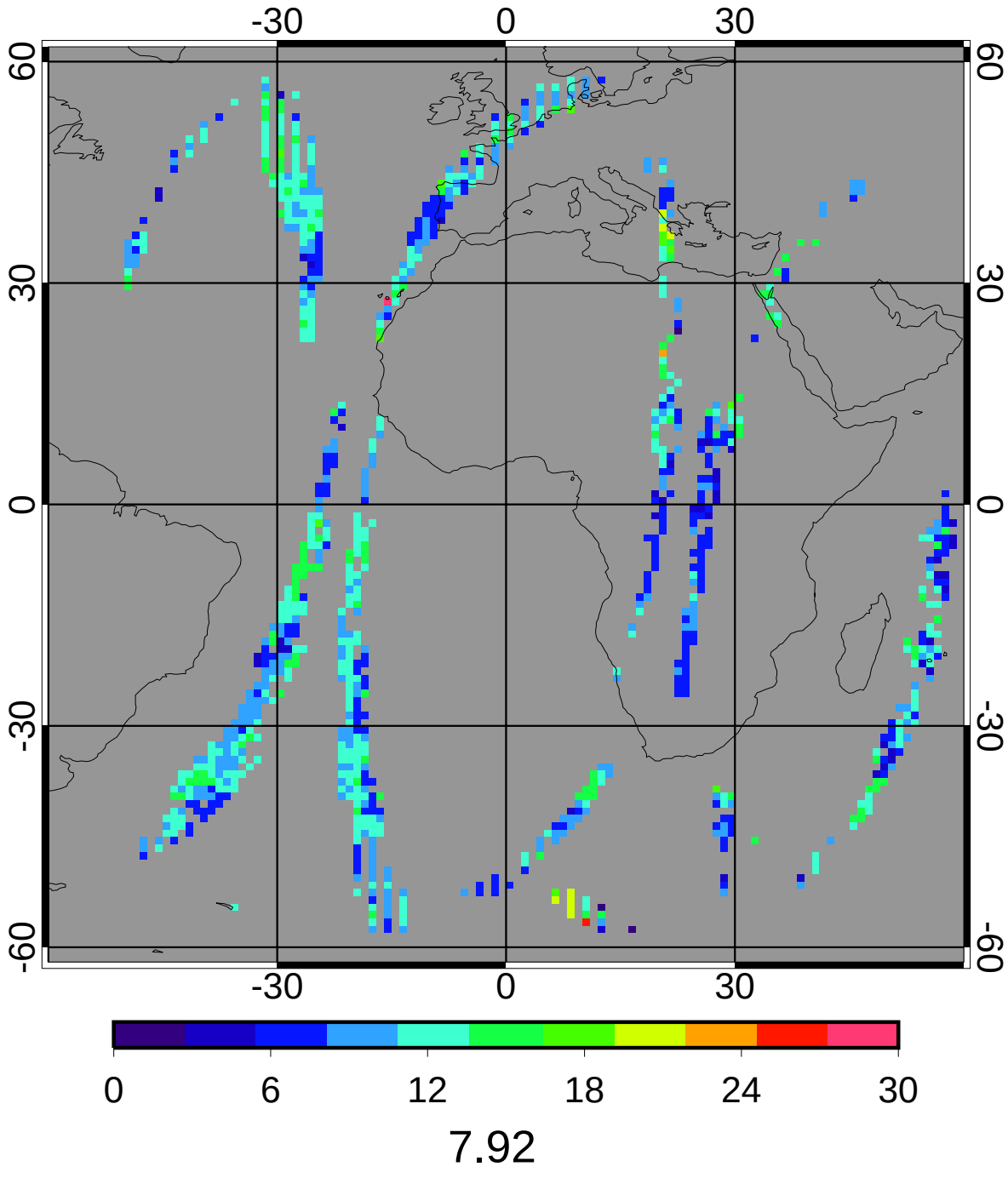
5ch_39cal Apr 2010 (matched angle)



regave rms	5.73	19.60%
domain rms	10.17	34.78%

GGEO MEAN Nighttime Liquid Particle Size (microns)

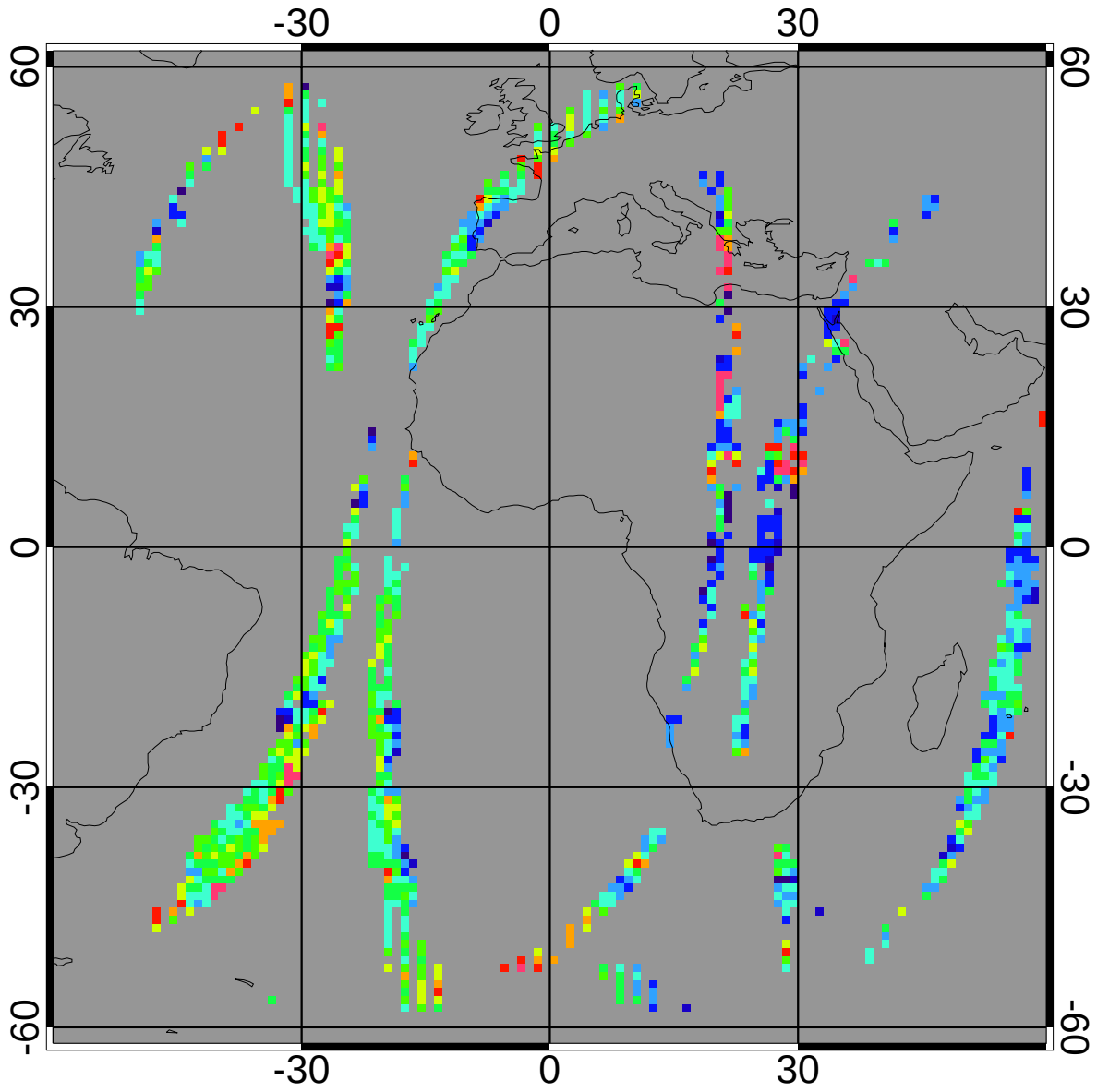
5ch_39cal Apr 2010 (matched angle)



7.92

CERES/Aqua MEAN Nighttime Liquid Particle Size (microns)

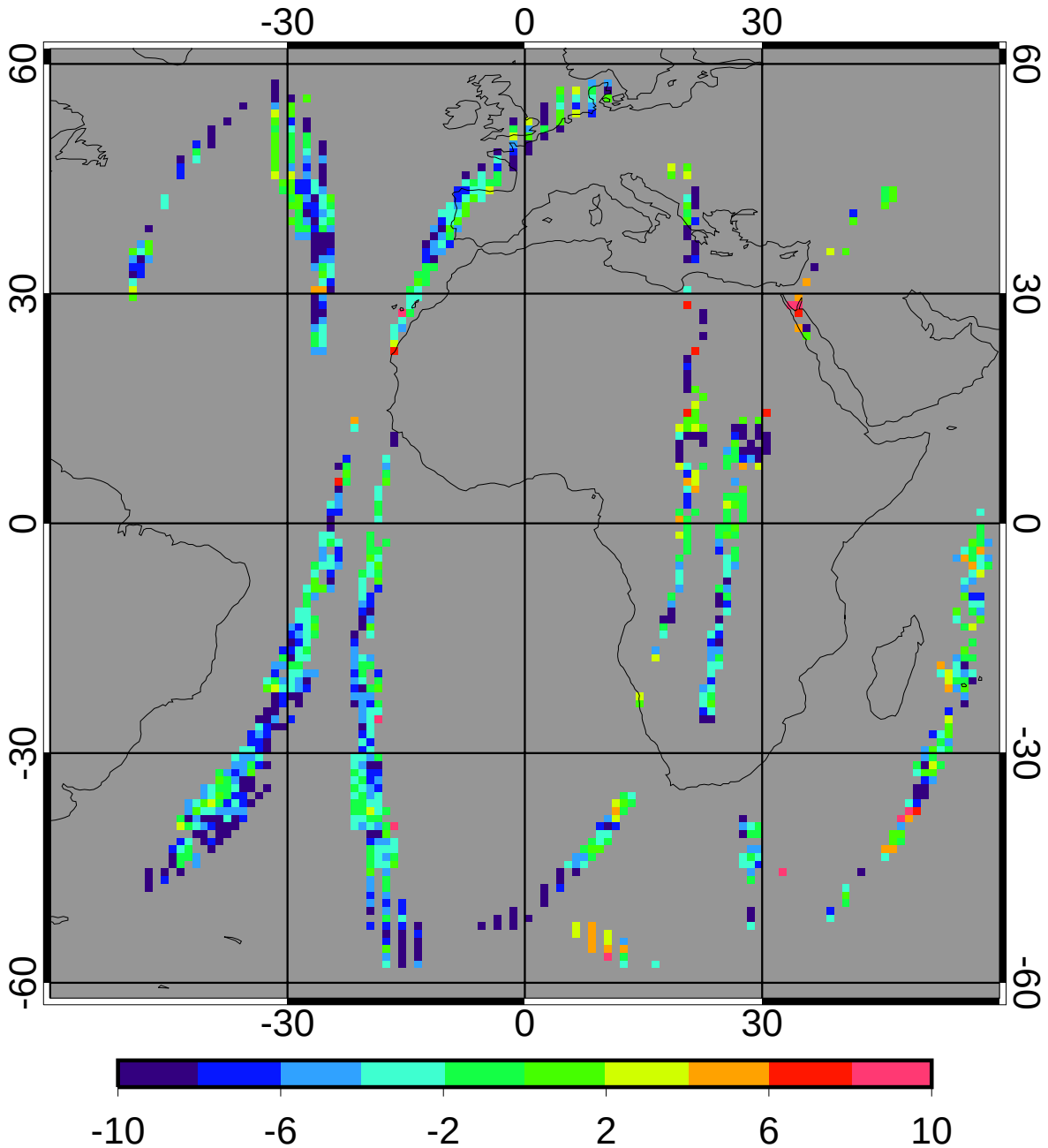
5ch_39cal Apr 2010 (matched angle)



12.55

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

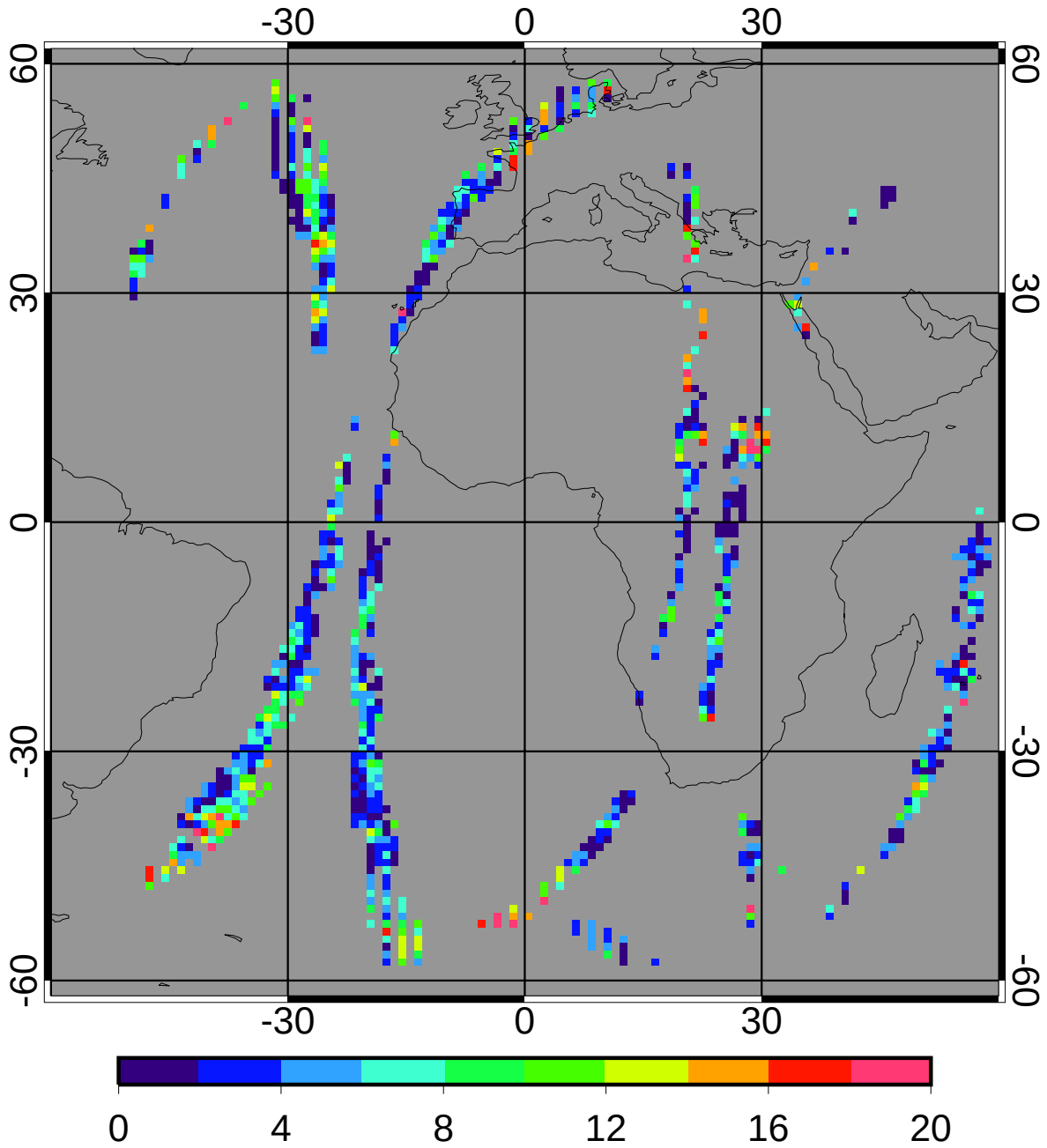
5ch_39cal Apr 2010 (matched angle)



bias	-3.13	-24.95%
domain sigma	4.38	34.85%

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

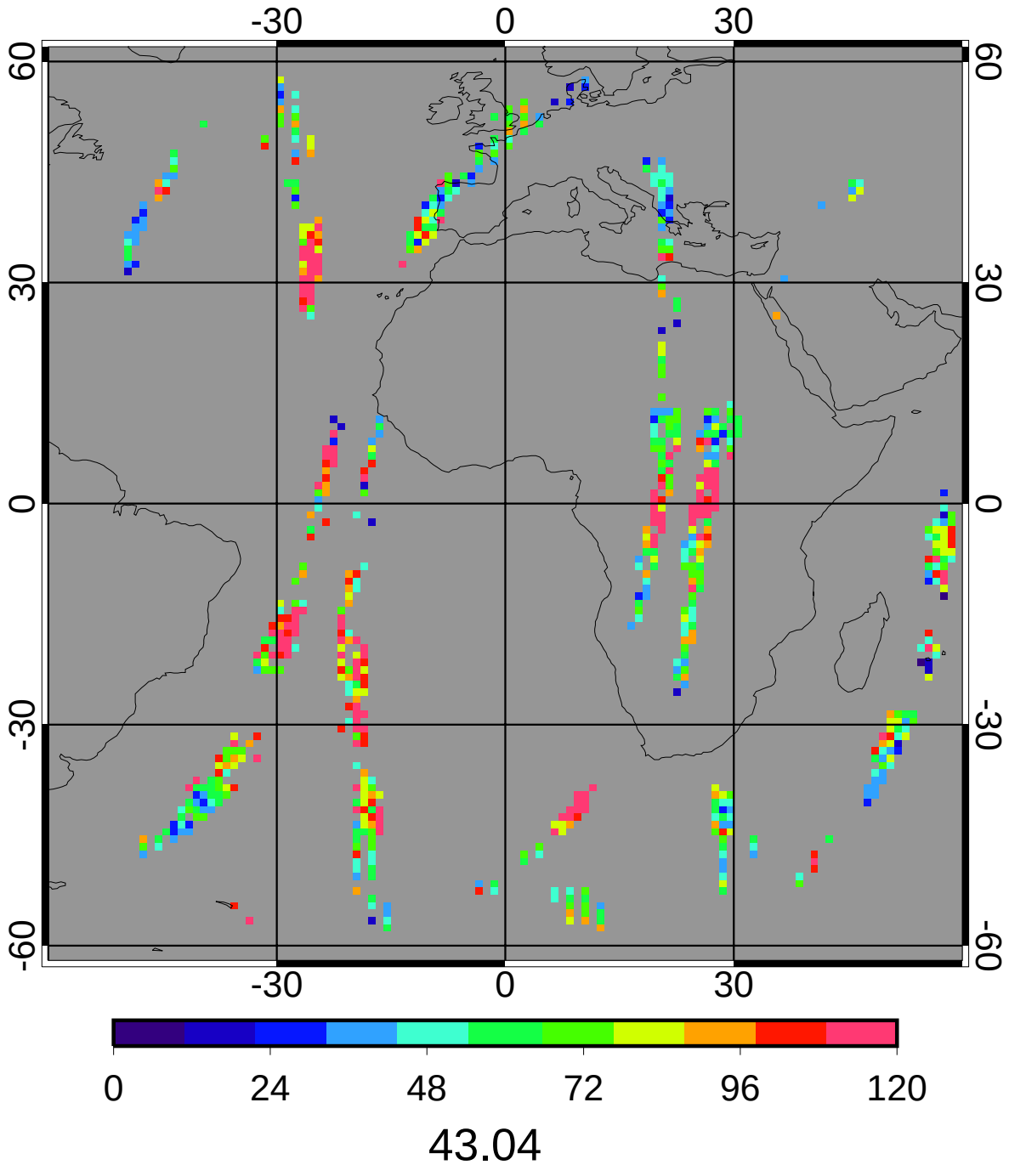
5ch_39cal Apr 2010 (matched angle)



regave rms	4.05	32.27%
domain rms	6.42	51.11%

GGEO MEAN Nighttime Ice Particle Size (microns)

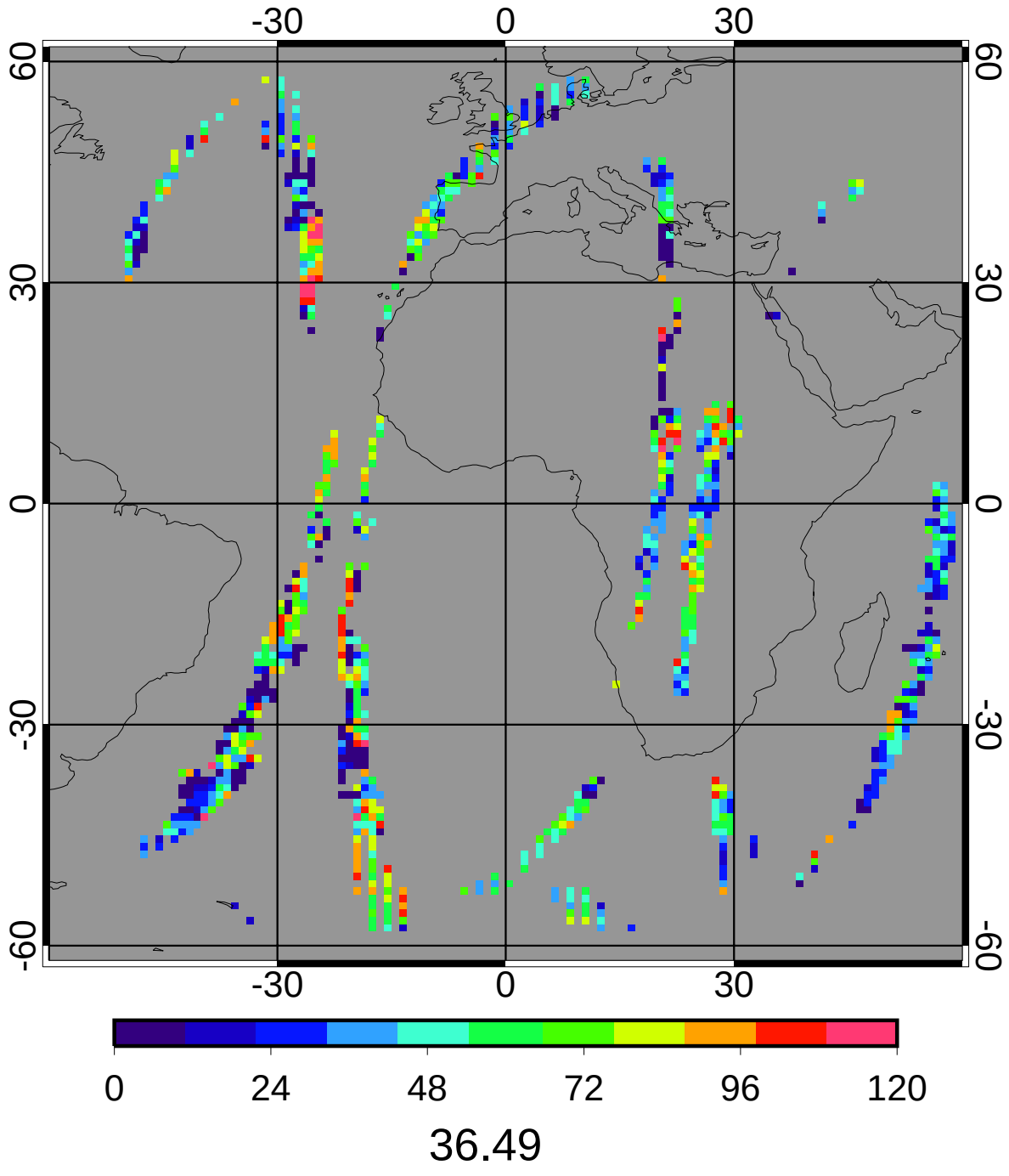
5ch_39cal Apr 2010 (matched angle)



43.04

CERES/Aqua MEAN Nighttime Ice Particle Size (microns)

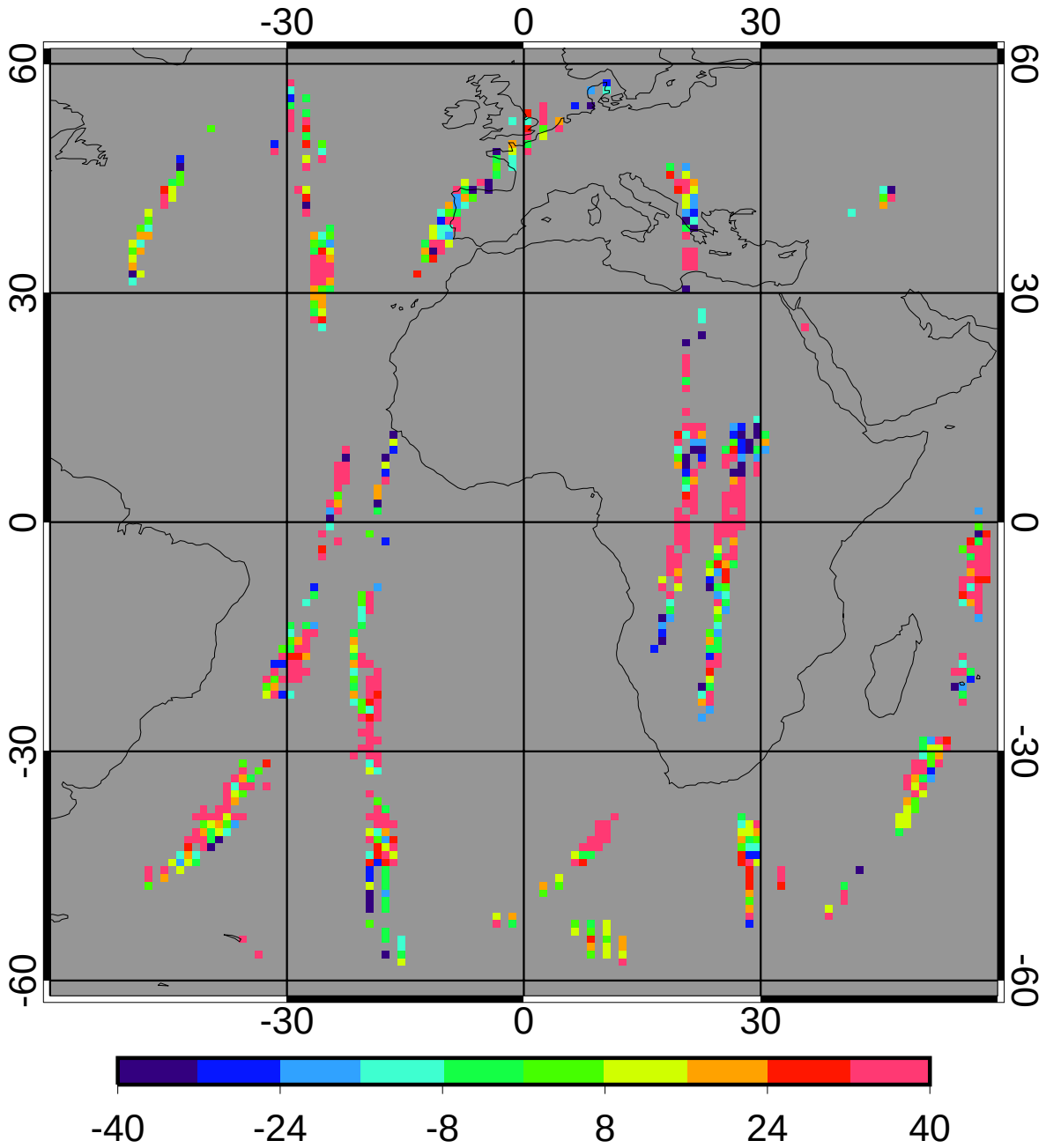
5ch_39cal Apr 2010 (matched angle)



36.49

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

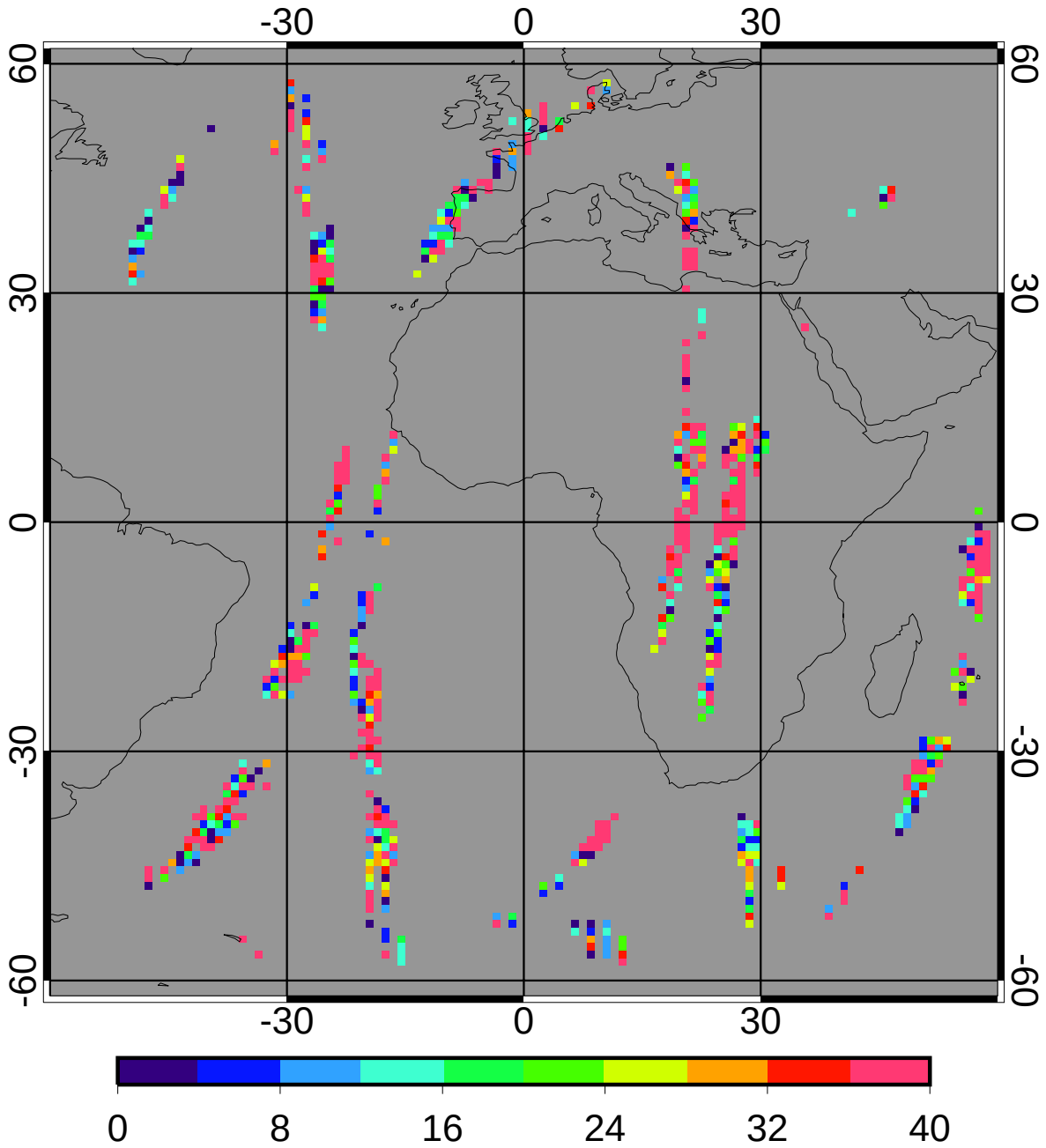
5ch_39cal Apr 2010 (matched angle)



bias	12.04	32.99%
domain sigma	33.15	90.85%

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

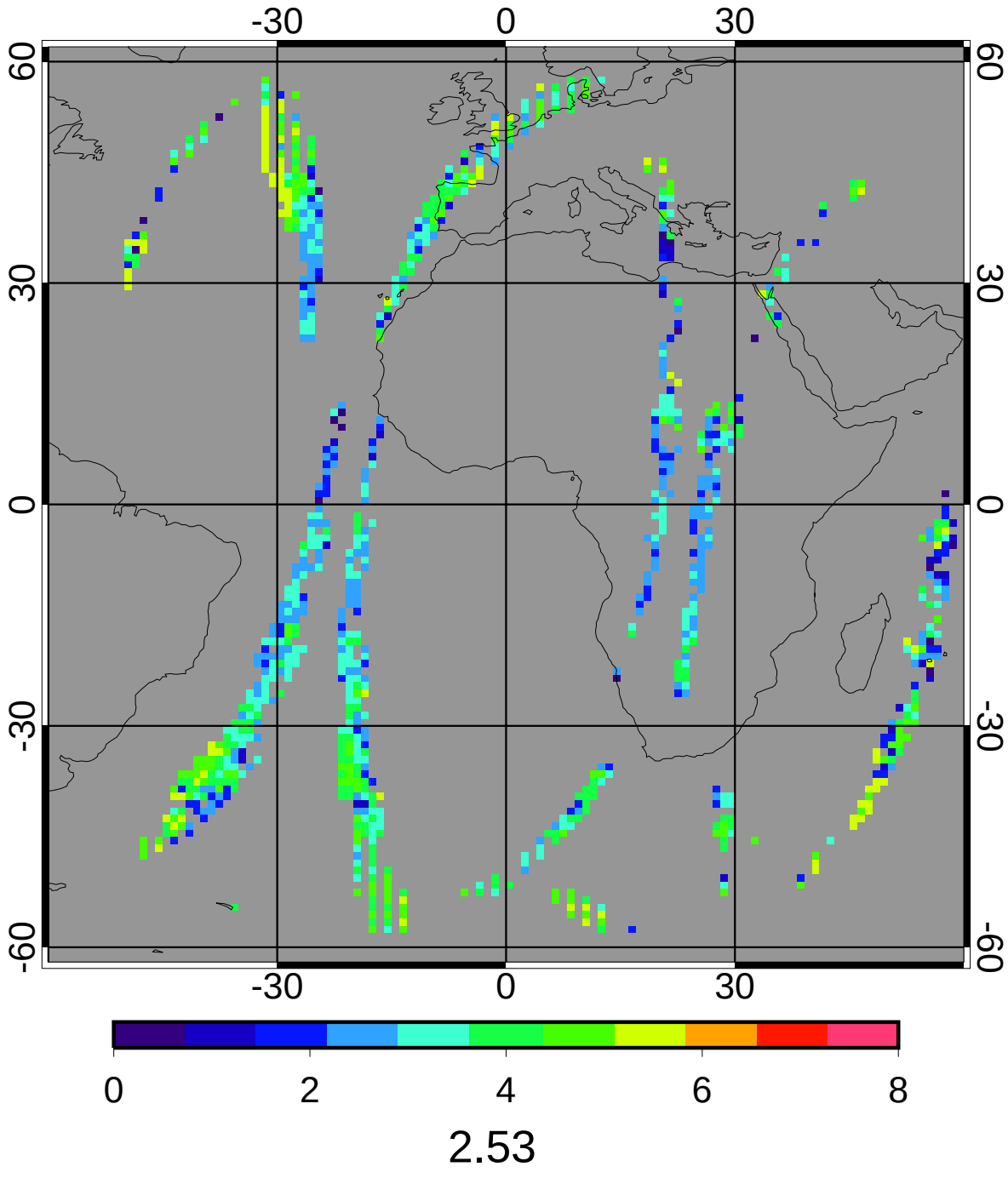
5ch_39cal Apr 2010 (matched angle)



regave rms	19.28	52.83%
domain rms	39.99	109.59%

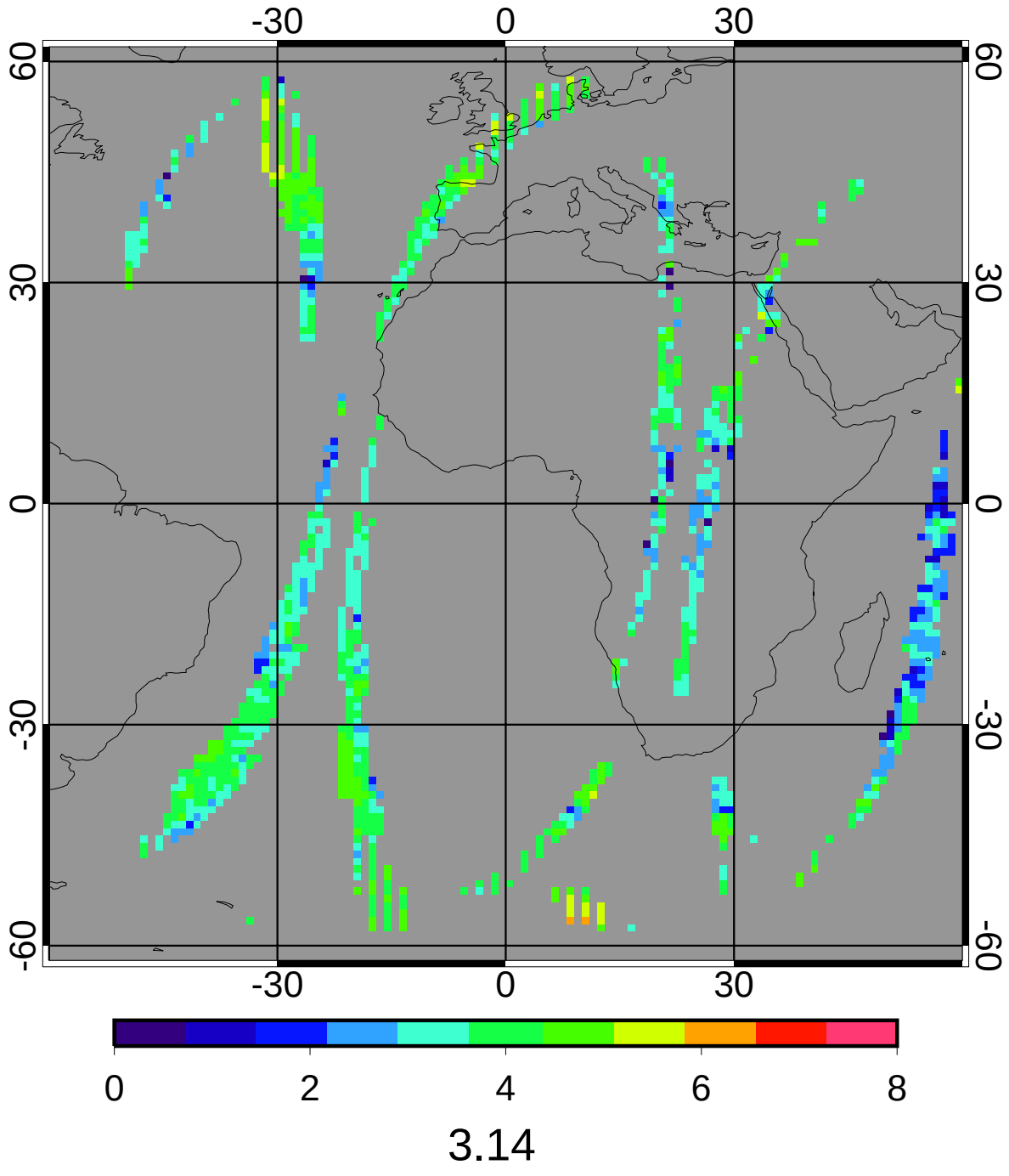
GGEO MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



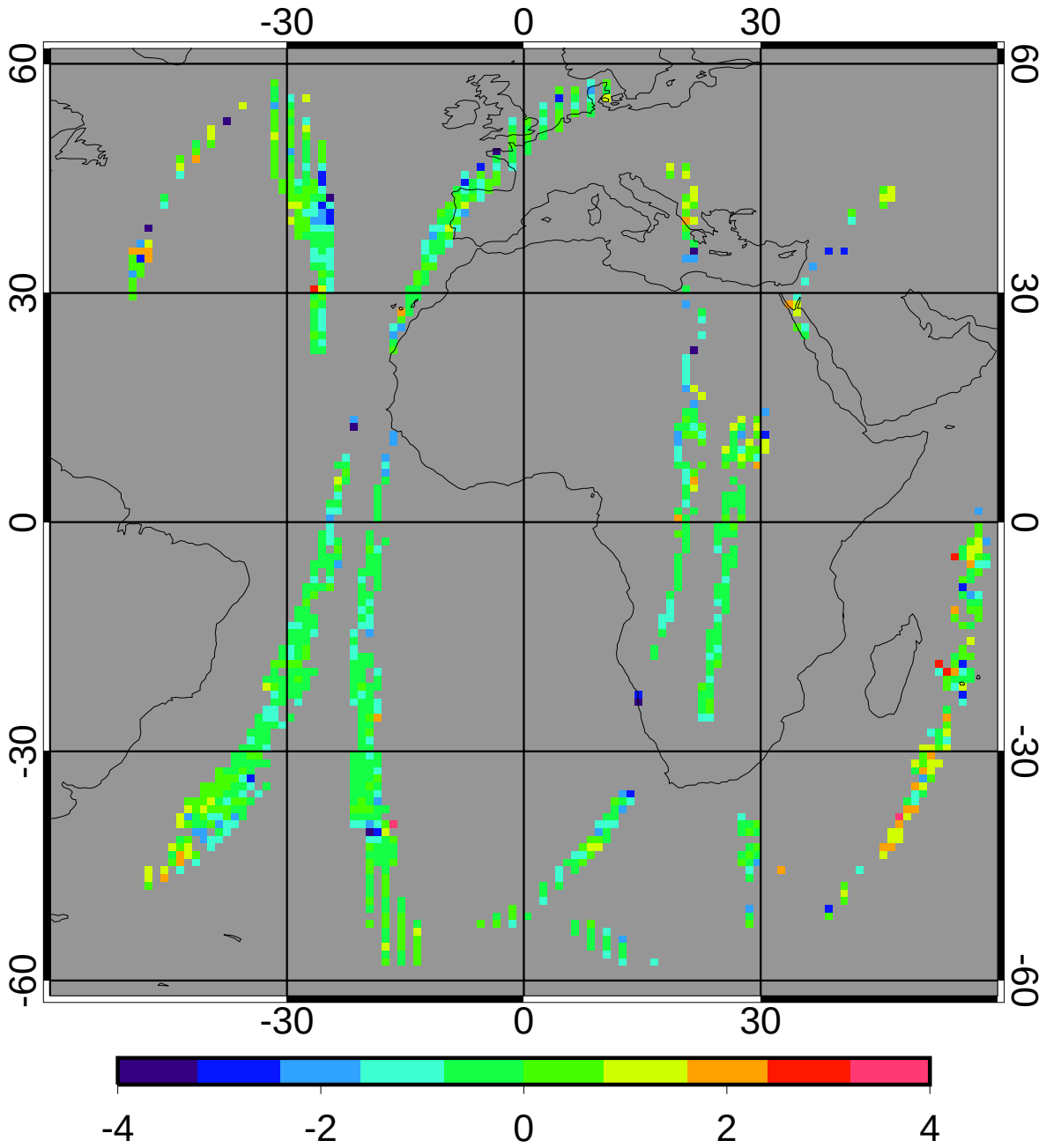
CERES/Aqua MEAN Nighttime Log Liquid Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



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

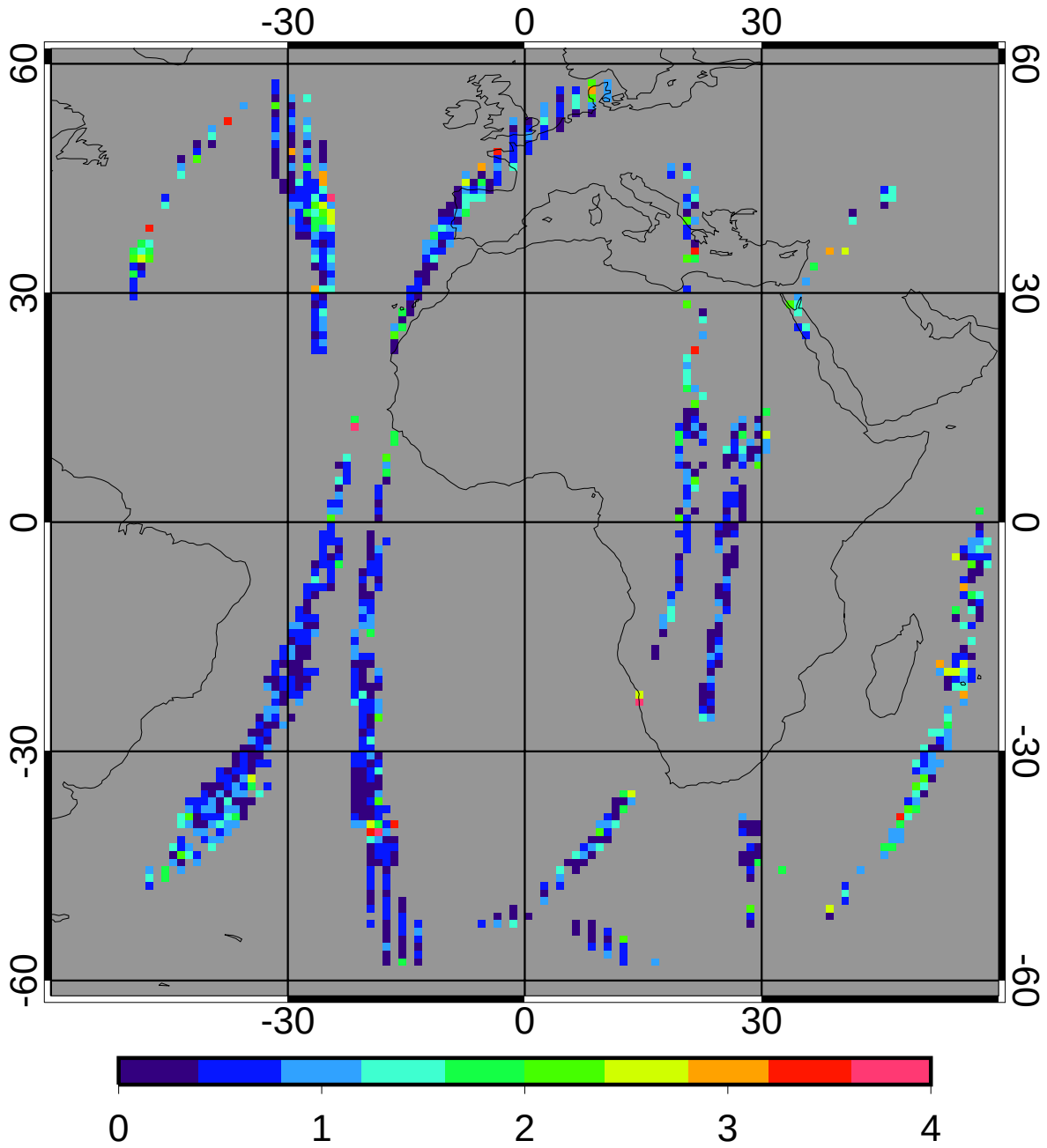
5ch_39cal Apr 2010 (matched angle)



bias	-0.23	-7.21%
domain sigma	0.82	26.12%

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

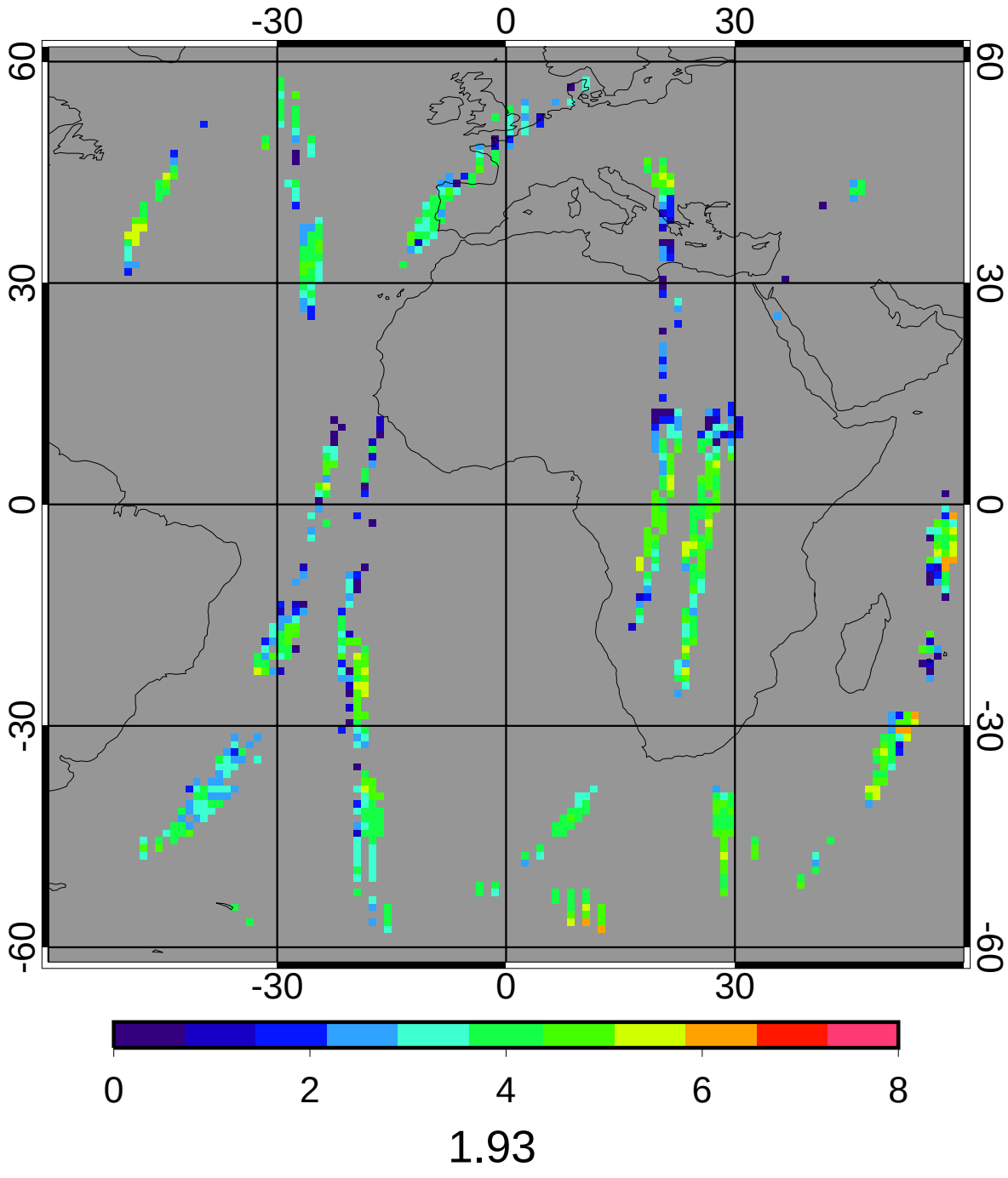
5ch_39cal Apr 2010 (matched angle)



regave rms	0.59	18.88%
domain rms	0.96	30.50%

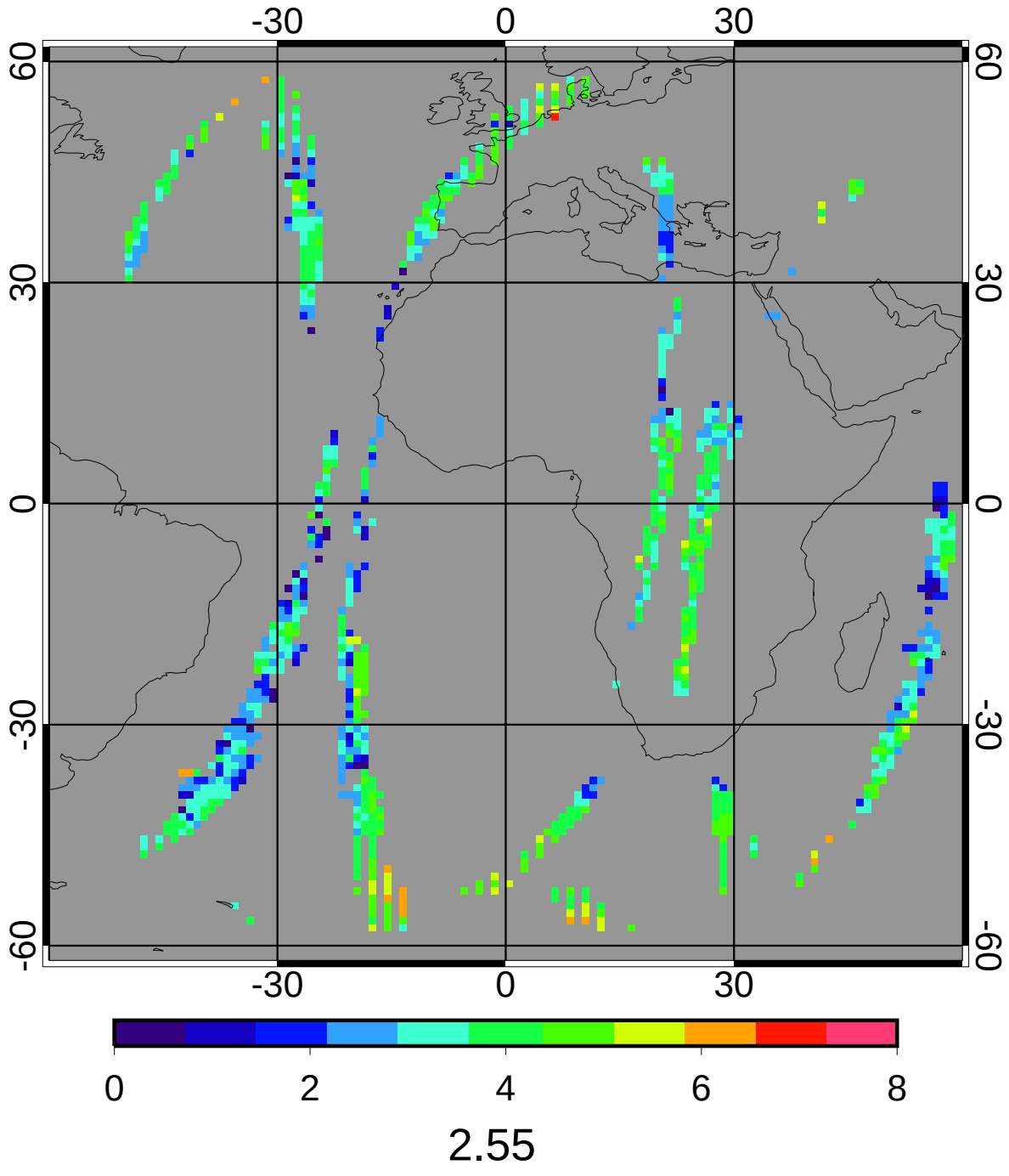
GGEO MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



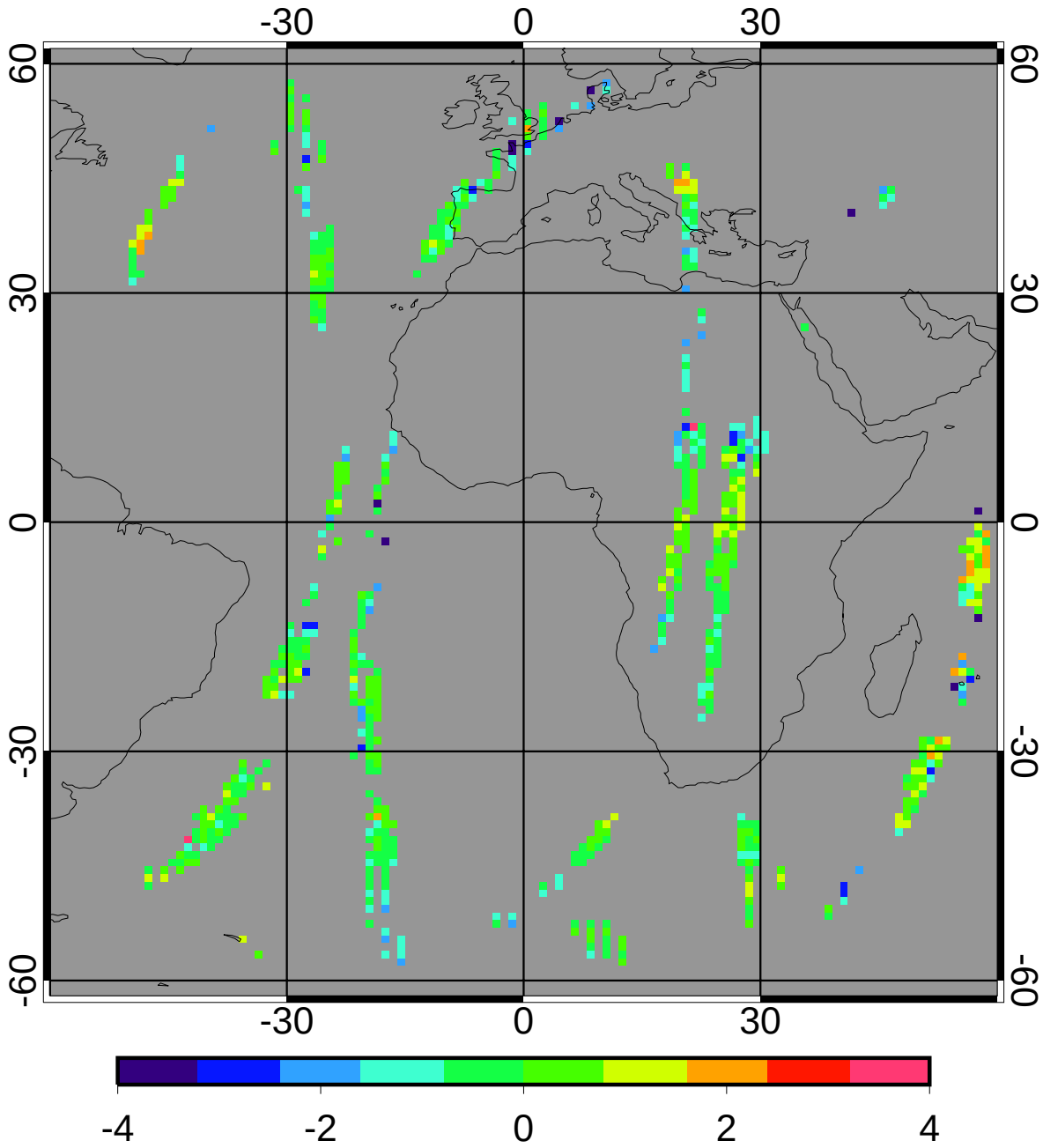
CERES/Aqua MEAN Nighttime Log Ice Water Path (g/m2)

5ch_39cal Apr 2010 (matched angle)



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

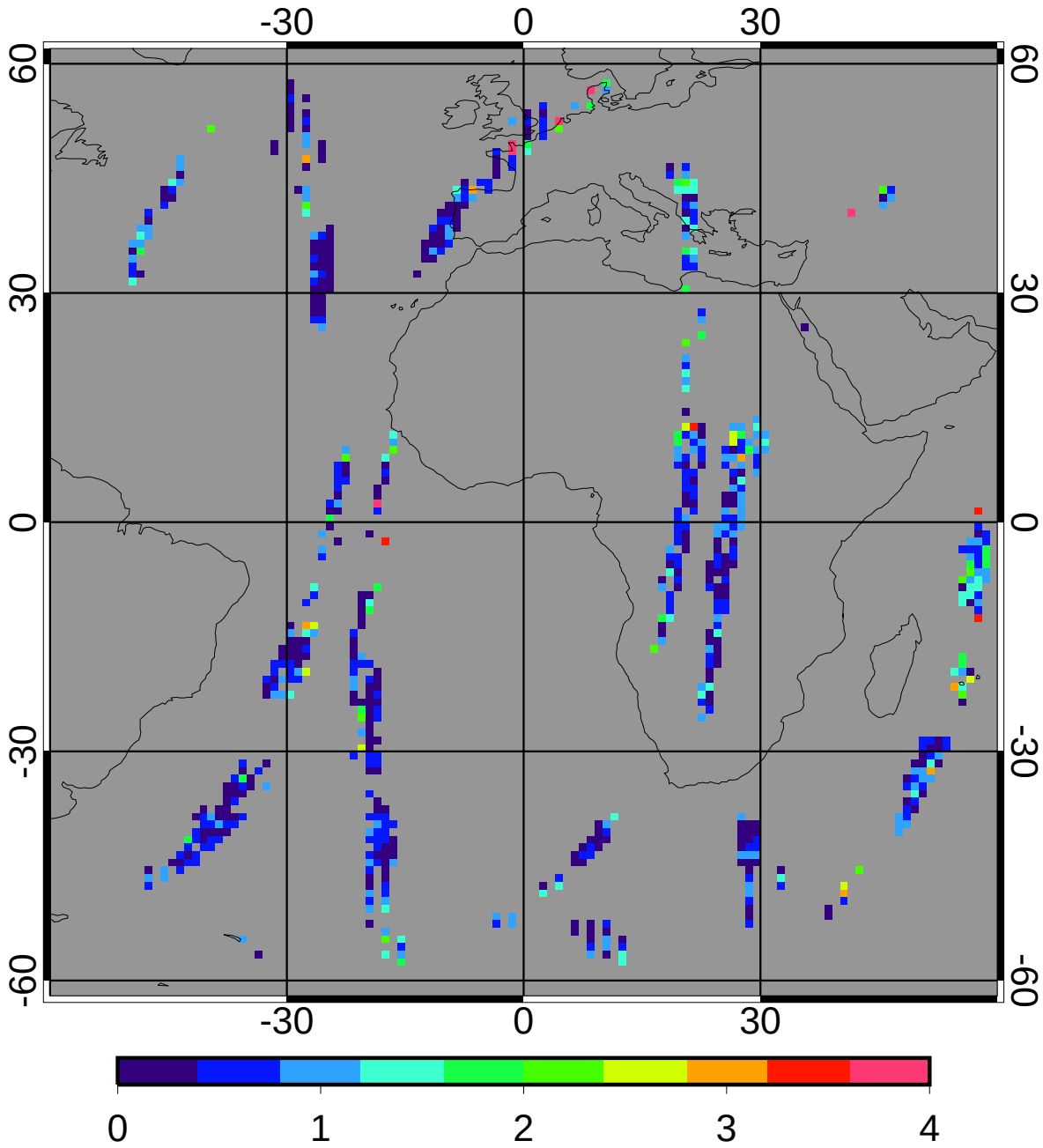
5ch_39cal Apr 2010 (matched angle)



bias	-0.10	-4.05%
domain sigma	0.87	34.14%

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

5ch_39cal Apr 2010 (matched angle)



regave rms	0.41	16.21%
domain rms	0.92	36.31%