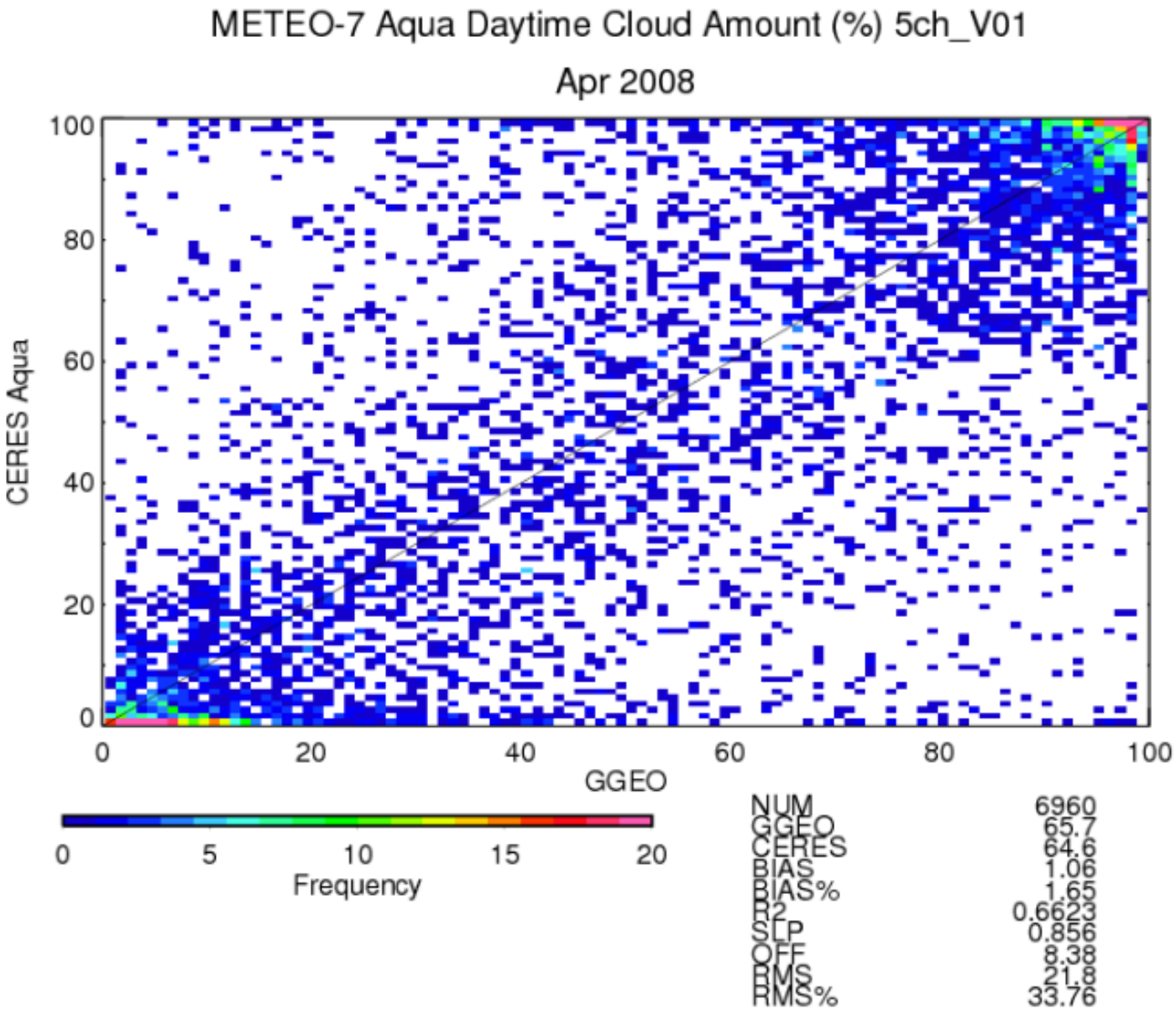
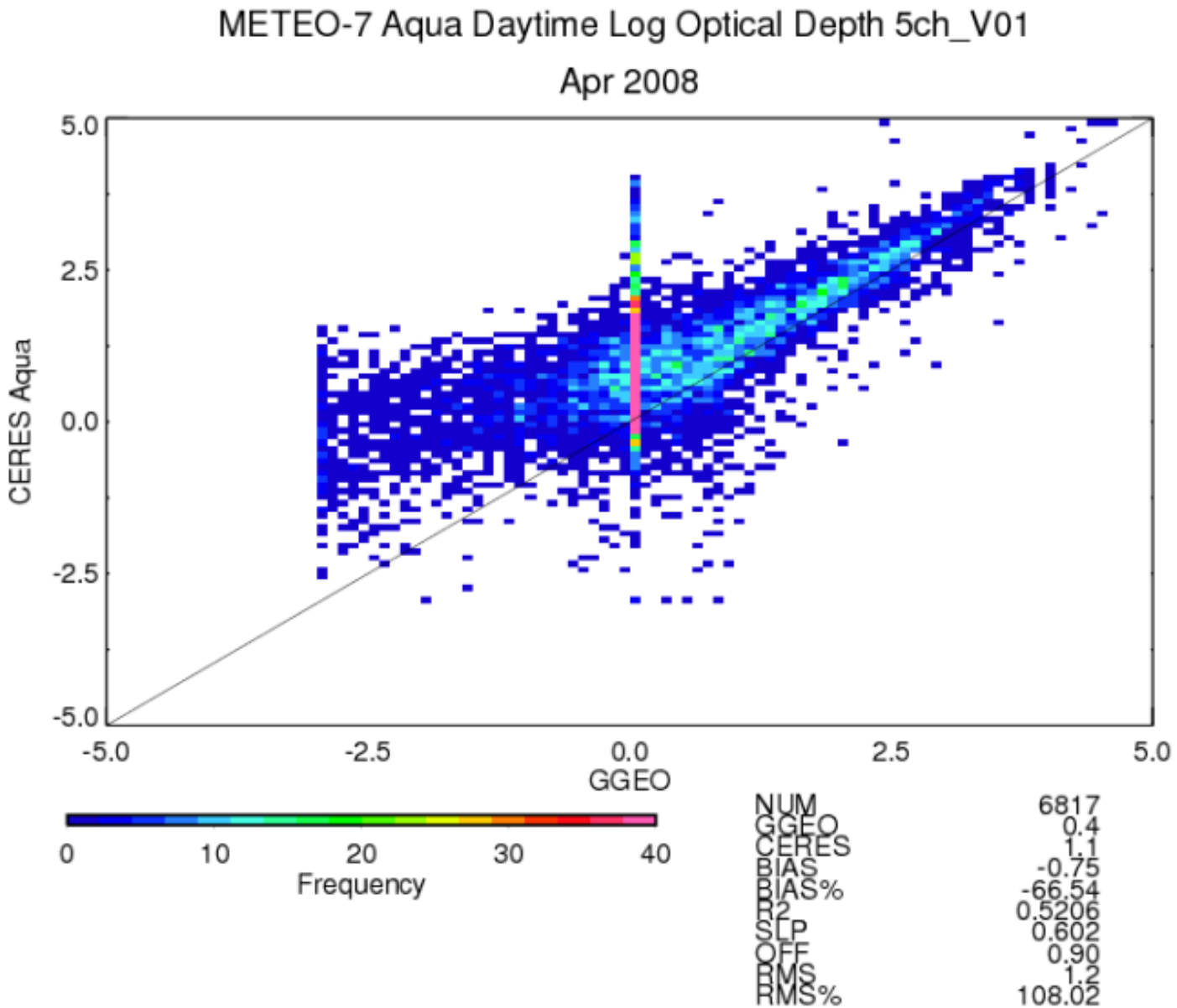
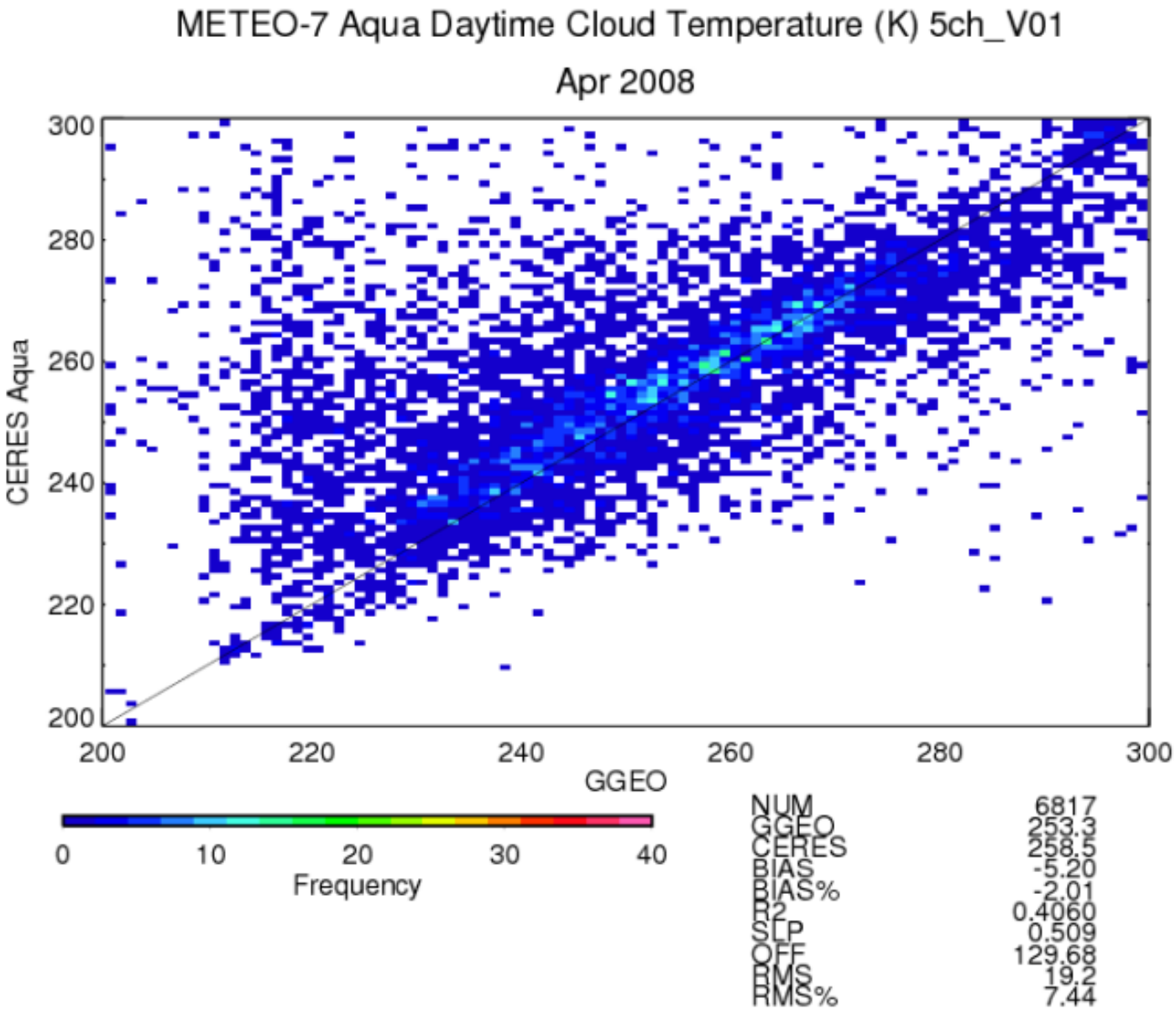
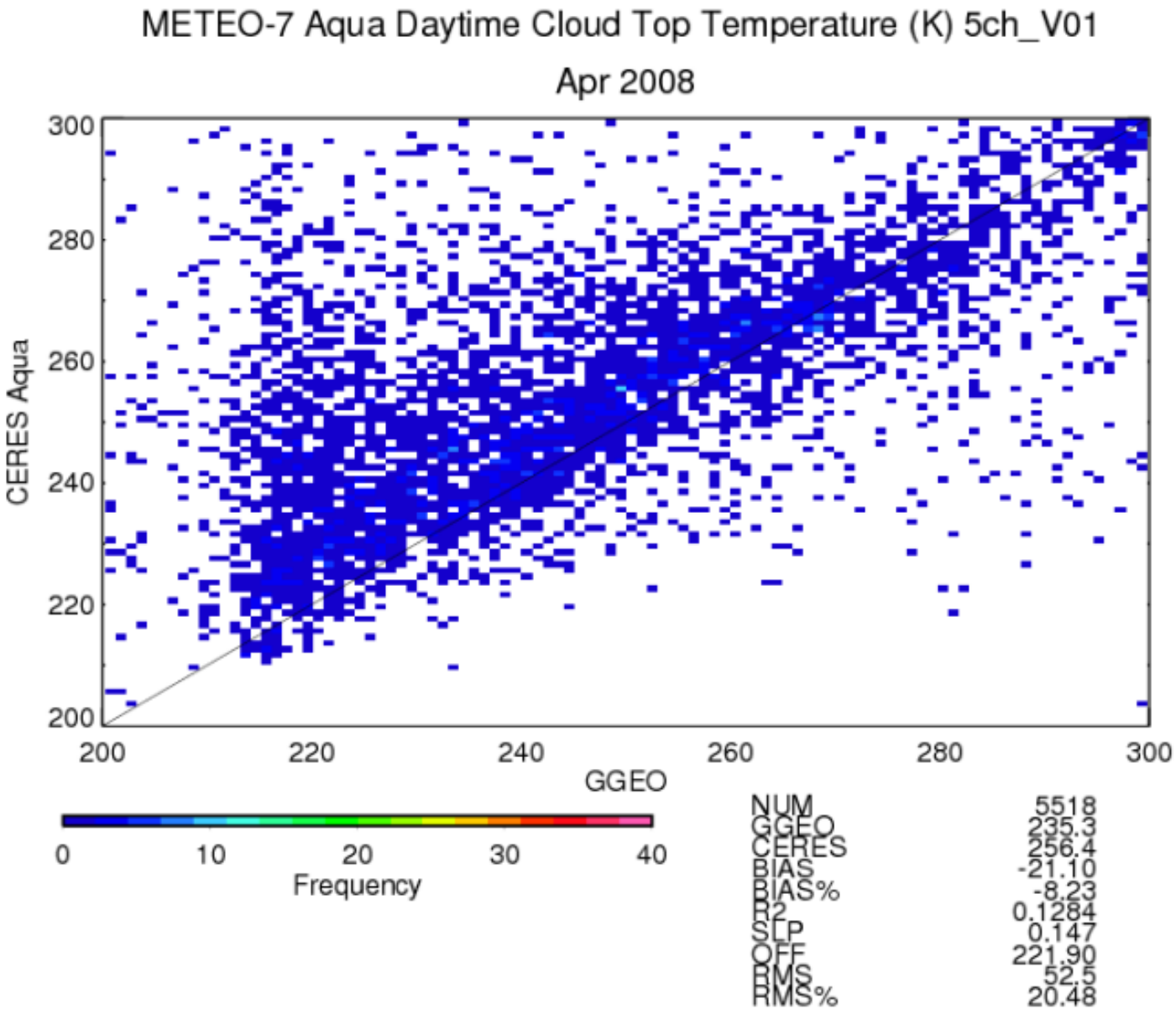
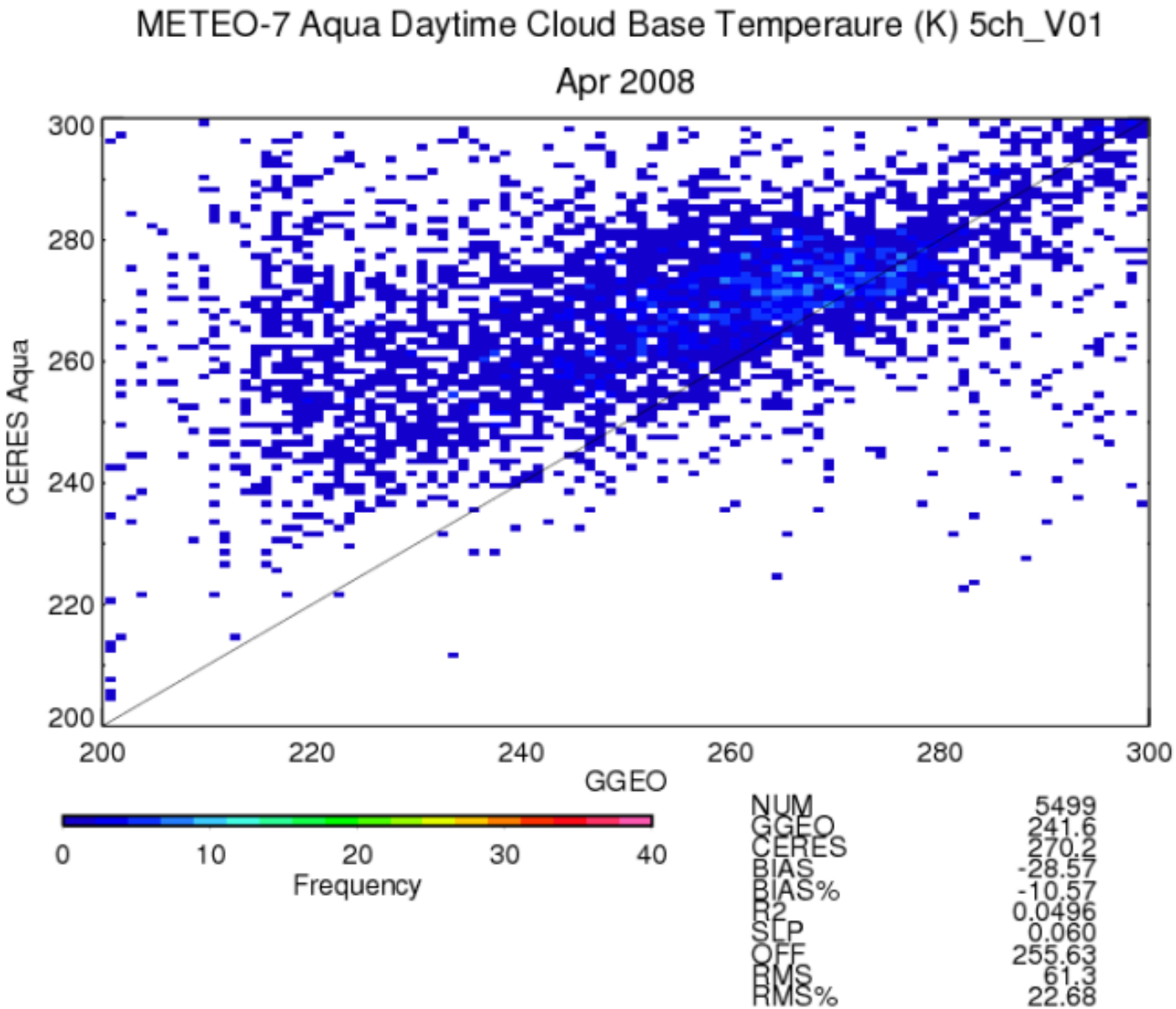
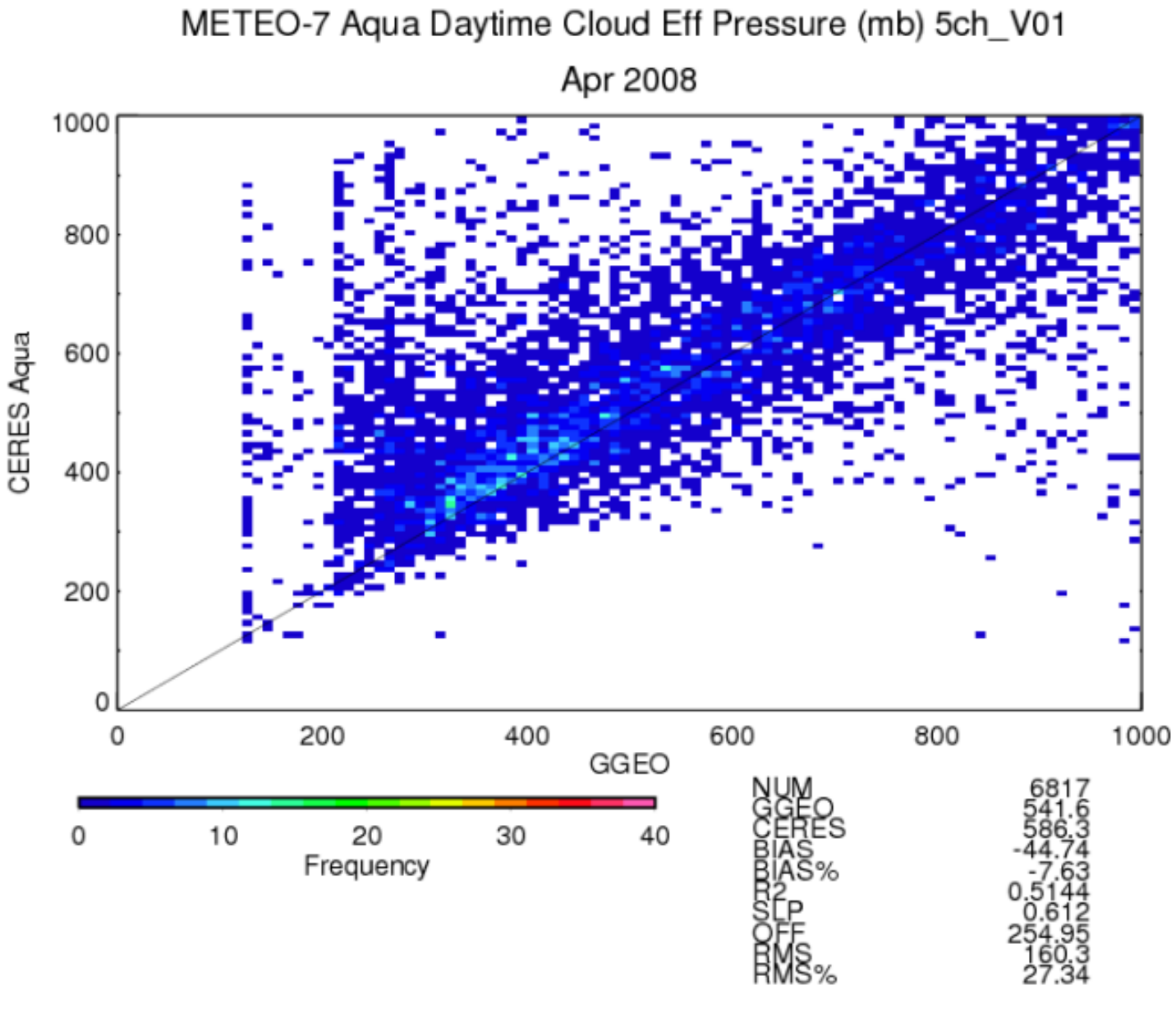

METEO-7 Aqua Daytime Cloud Amount (%) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
20
40
60
80
100
Frequency
0
5
10
15
20
NUM 6960
GGEO 65.7
CERES 64.6
BIAS 1.06
BIAS% 1.65
R2 0.6623
SLP 0.856
OFF 8.38
RMS 21.8
RMS% 33.76

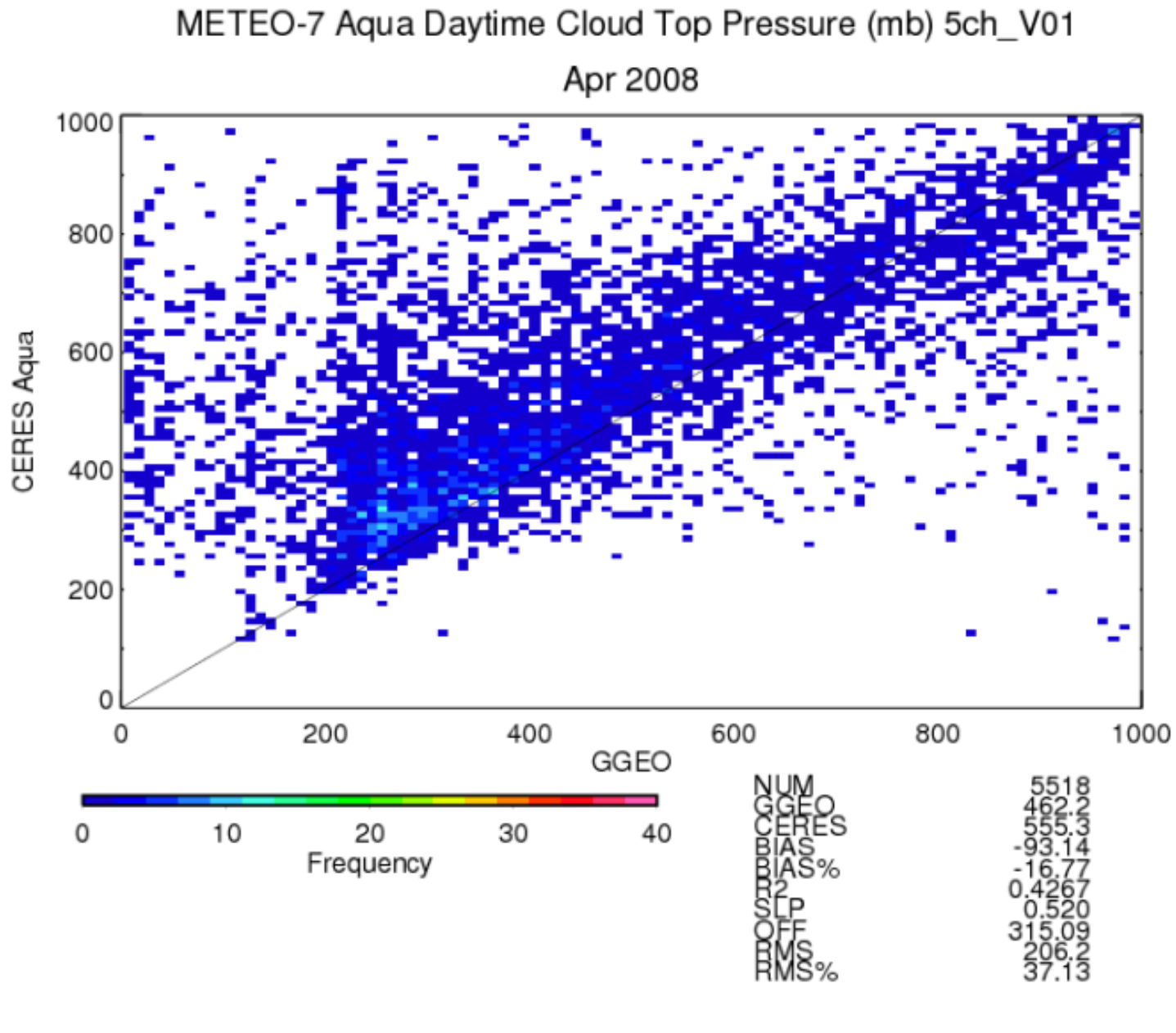

METEO-7 Aqua Daytime Log Optical Depth 5ch_V01
Apr 2008
CERES Aqua
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
GGEO
0
10
20
30
40
Frequency
NUM 6817
GGEO 0.4
CERES 1.1
BIAS -0.75
BIAS% -66.54
R2 0.5206
SLP 0.602
OFF 0.90
RMS 1.2
RMS% 108.02

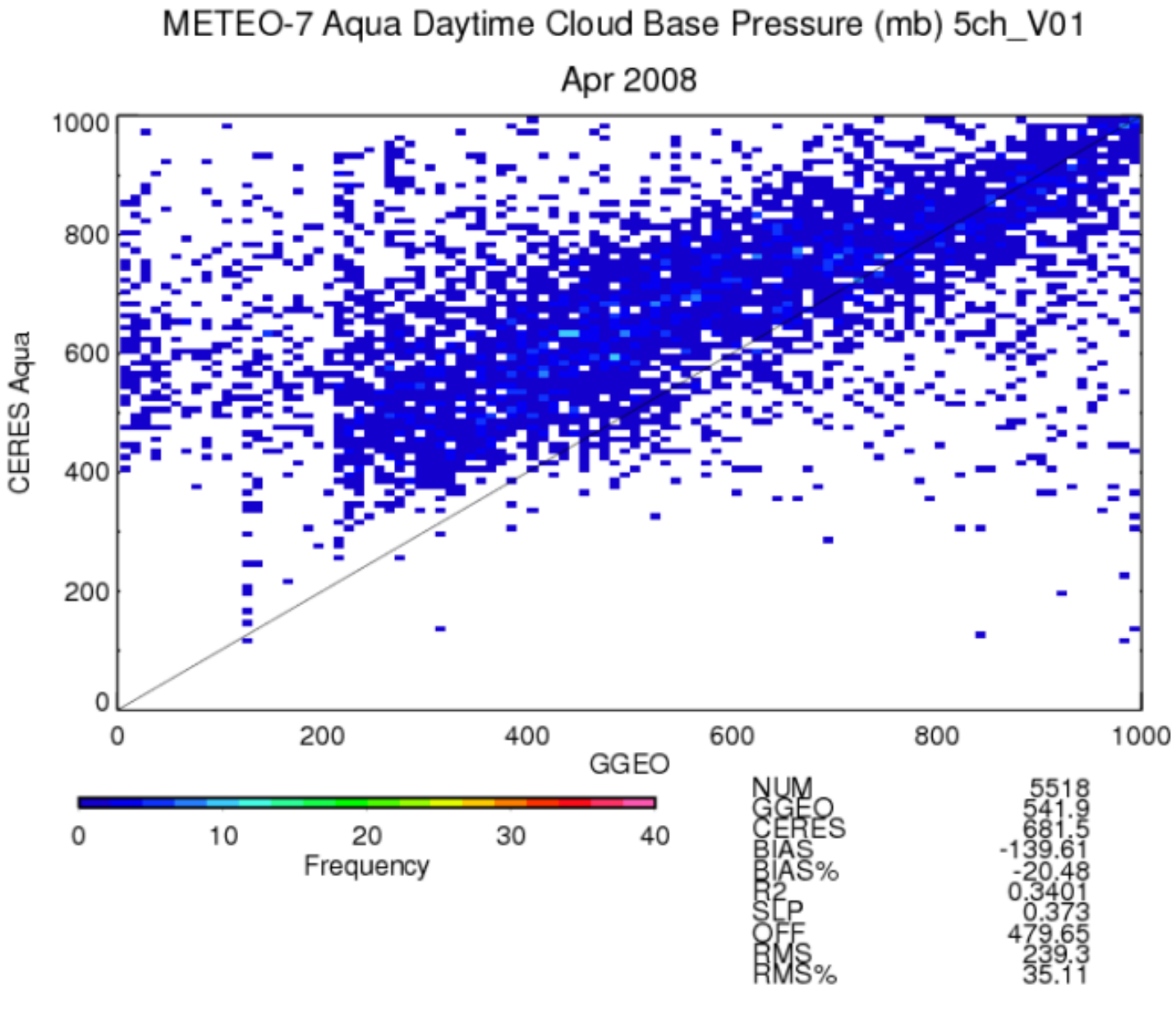

METEO-7 Aqua Daytime Cloud Temperature (K) 5ch_V01
Apr 2008
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 6817
GGEO 253.3
CERES 258.5
BIAS -5.20
BIAS% -2.01
R2 0.4060
SLP 0.509
OFF 129.68
RMS 19.2
RMS% 7.44

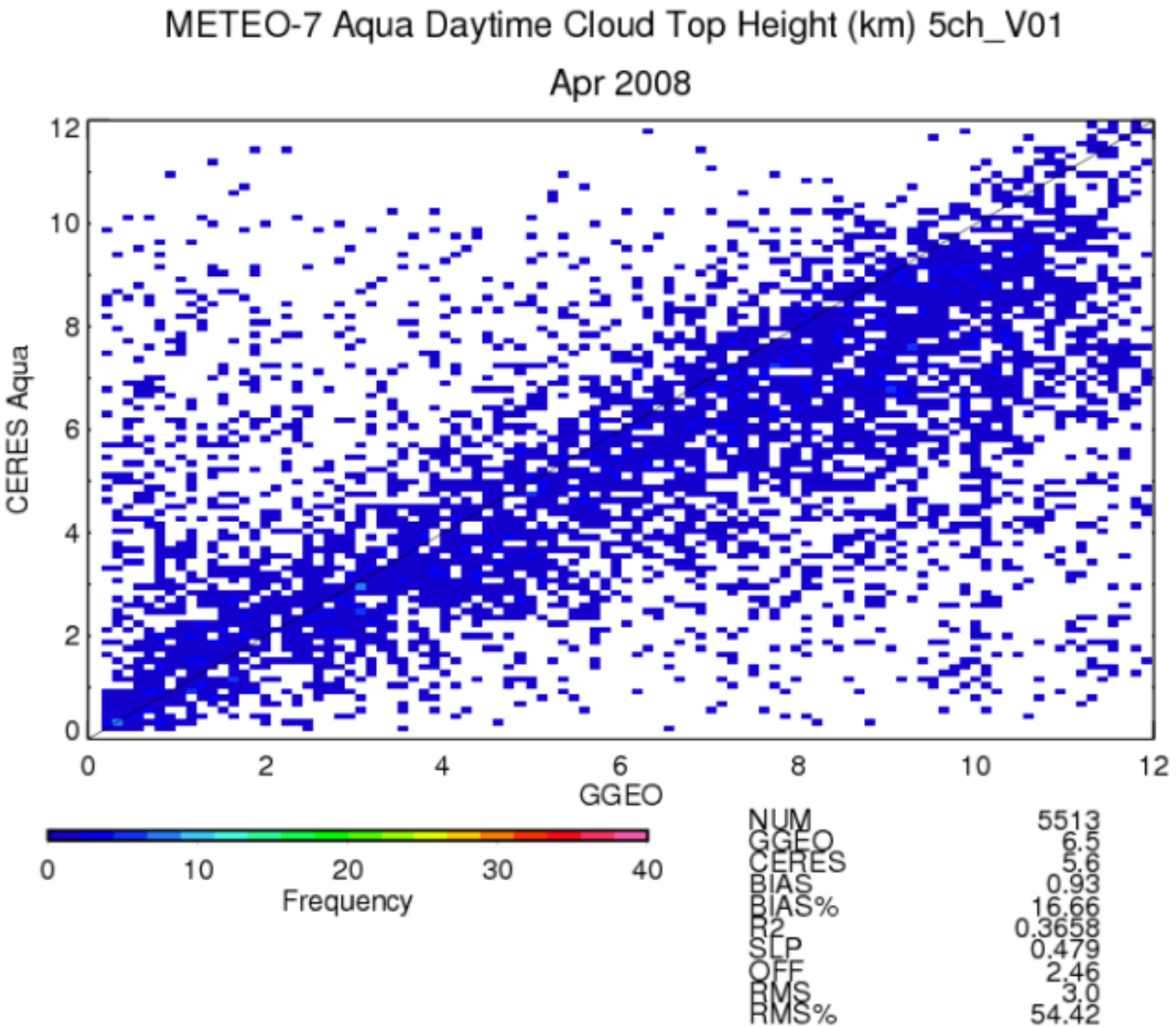

METEO-7 Aqua Daytime Cloud Top Temperature (K) 5ch_V01
Apr 2008
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 5518
GGEO 235.3
CERES 256.4
BIAS -21.10
BIAS% -8.23
R2 0.1284
SLP 0.147
OFF 221.90
RMS 52.5
RMS% 20.48

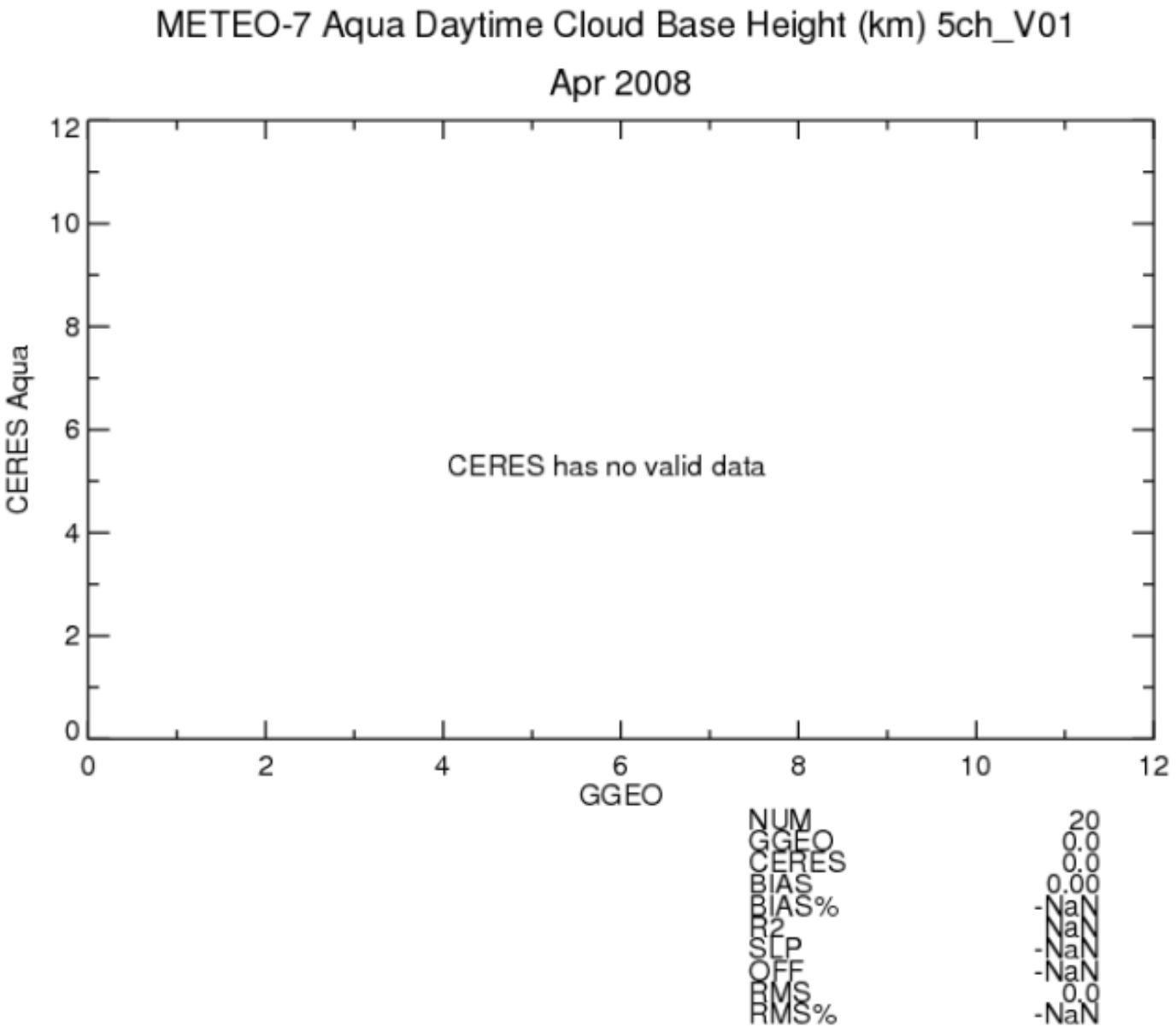

METEO-7 Aqua Daytime Cloud Base Temperaure (K) 5ch_V01
Apr 2008
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 5499
GGEO 241.6
CERES 270.2
BIAS -28.57
BIAS% -10.57
R2 0.0496
SLP 0.060
OFF 255.63
RMS 61.3
RMS% 22.68

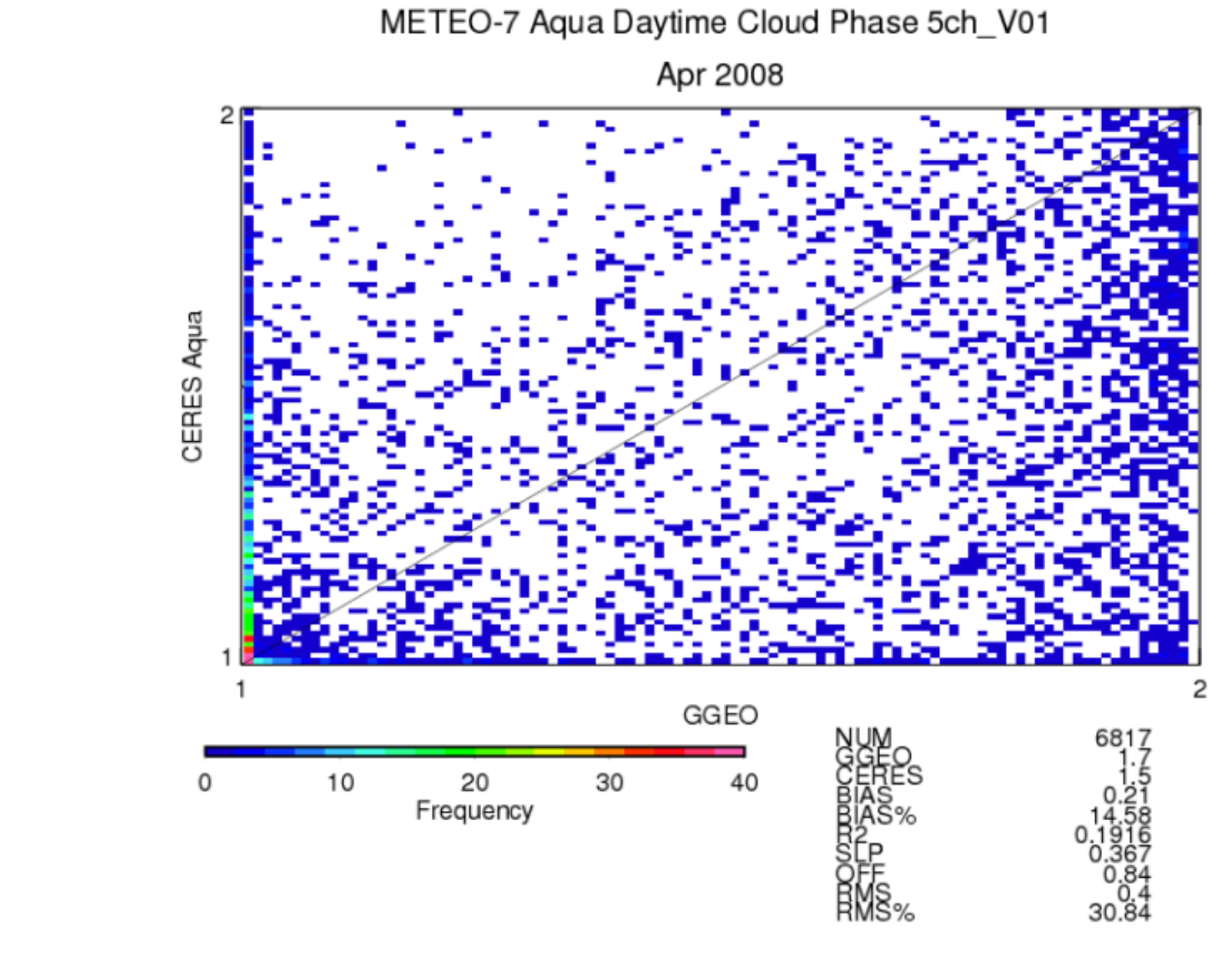

METEO-7 Aqua Daytime Cloud Eff Pressure (mb) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Frequency
NUM 6817
GGEO 541.6
CERES 586.3
BIAS -44.74
BIAS% -7.63
R2 0.5144
SLP 0.612
OFF 254.95
RMS 160.3
RMS% 27.34

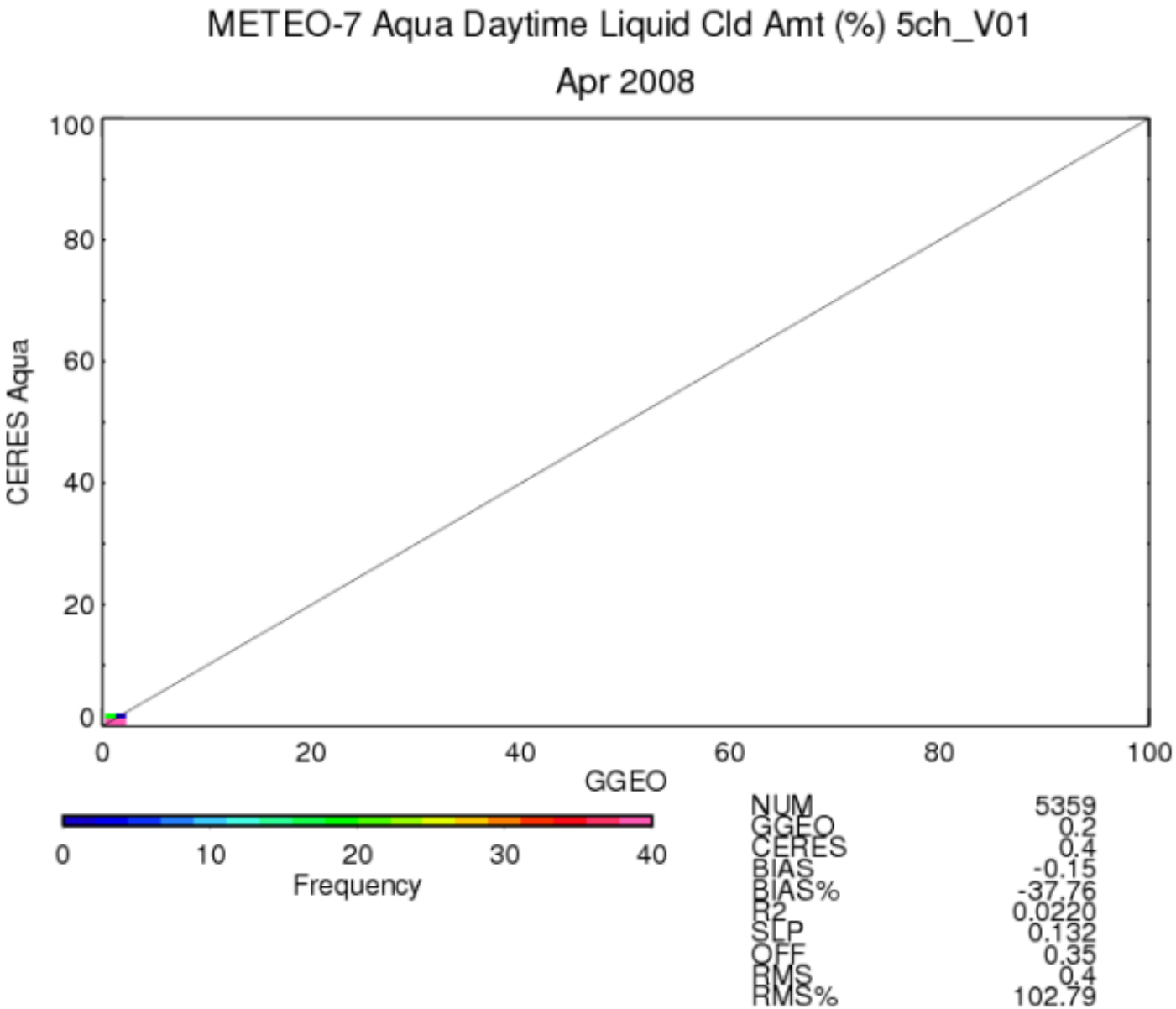

METEO-7 Aqua Daytime Cloud Top Pressure (mb) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 5518
GGEO 462.2
CERES 555.3
BIAS -93.14
BIAS% -16.77
R2 0.4267
SLP 0.520
OFF 315.09
RMS 206.2
RMS% 37.13

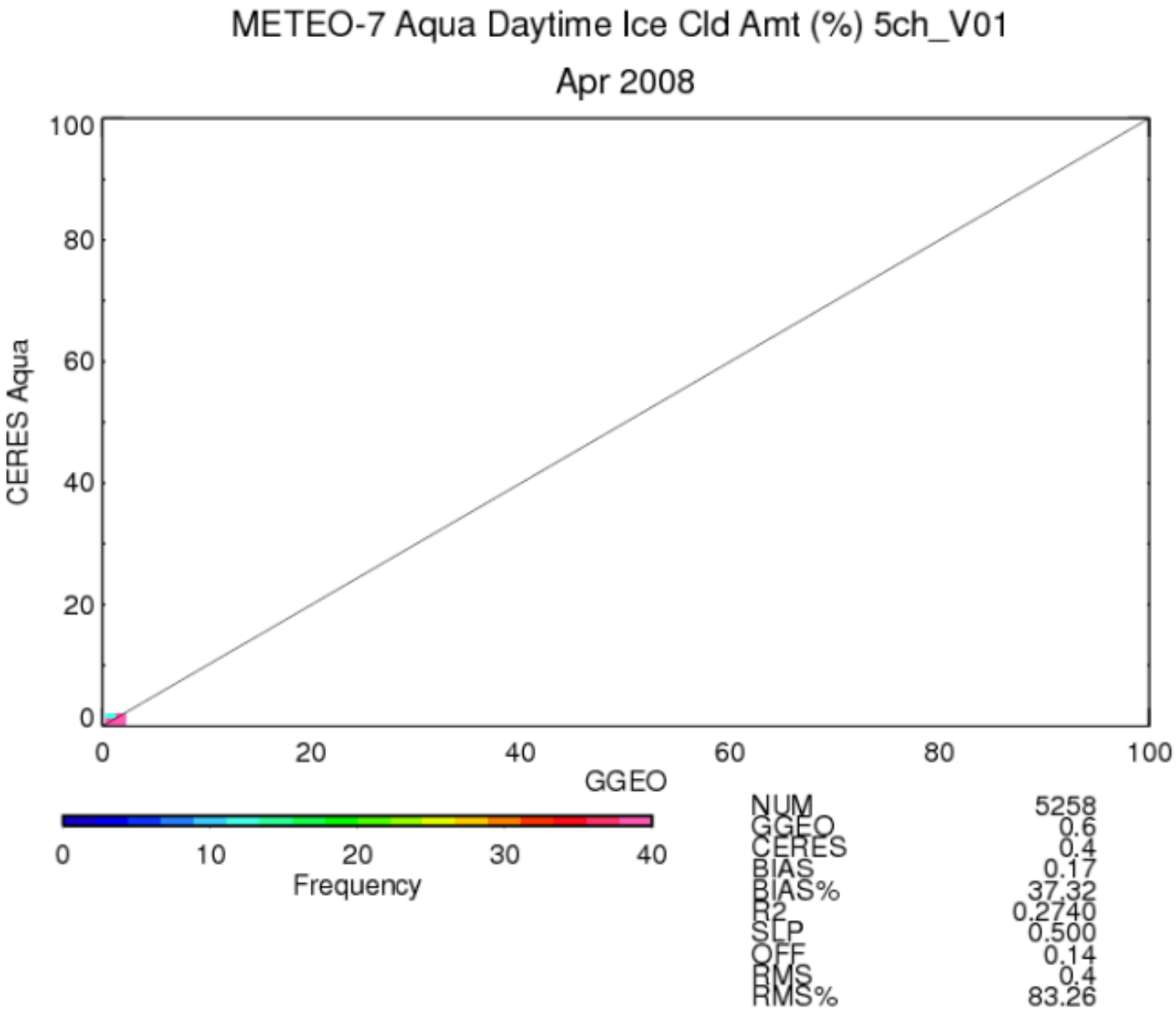

METEO-7 Aqua Daytime Cloud Base Pressure (mb) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 5518
GGEO 541.9
CERES 681.5
BIAS -139.61
BIAS% -20.48
R2 0.3401
SLP 0.373
OFF 479.65
RMS 239.3
RMS% 35.11

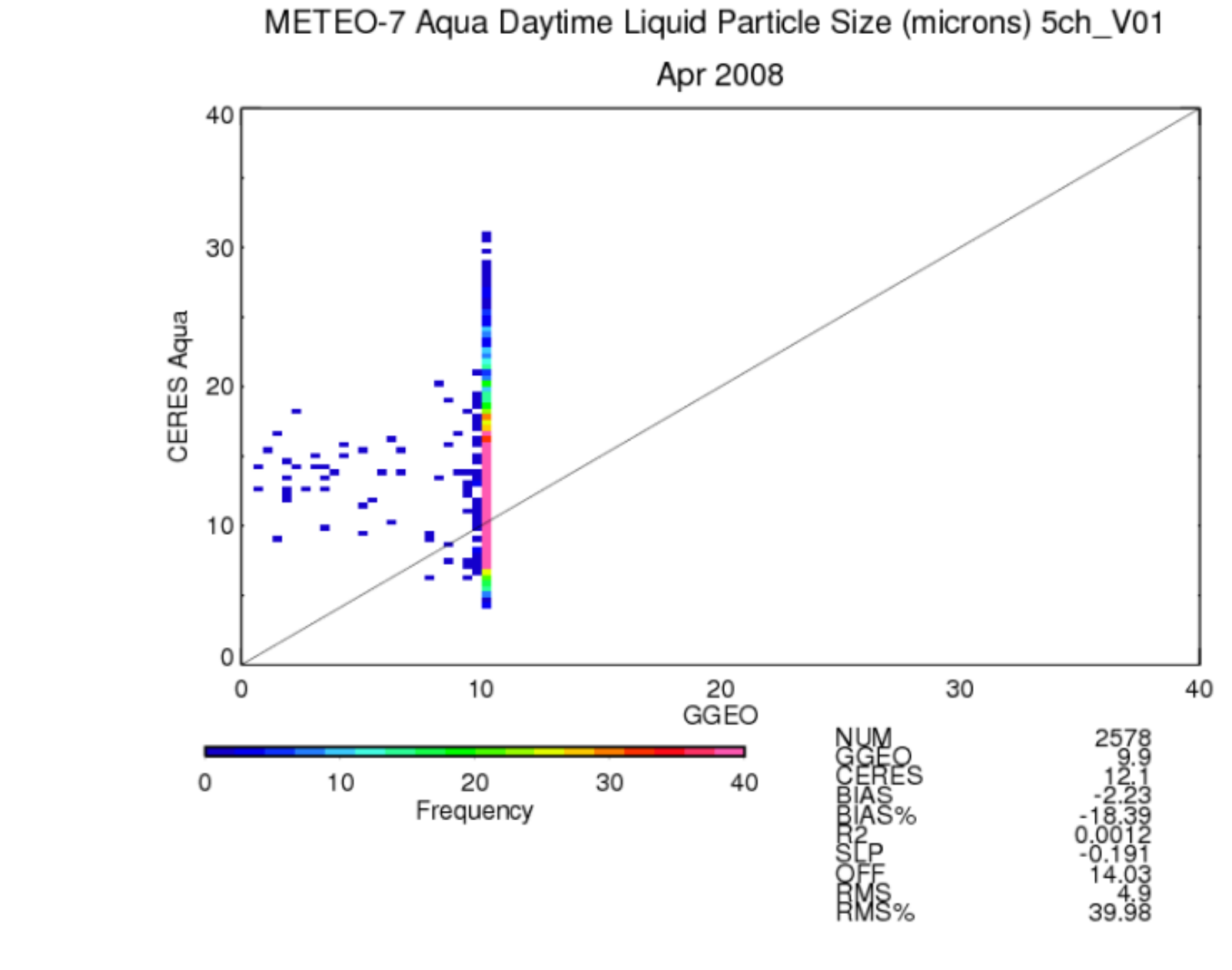

METEO-7 Aqua Daytime Cloud Top Height (km) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
10
12
Frequency
0
10
20
30
40
NUM 5513
GGEO 6.5
CERES 5.6
BIAS 0.93
BIAS% 16.66
R2 0.3658
SLP 0.479
OFF 2.46
RMS 3.0
RMS% 54.42

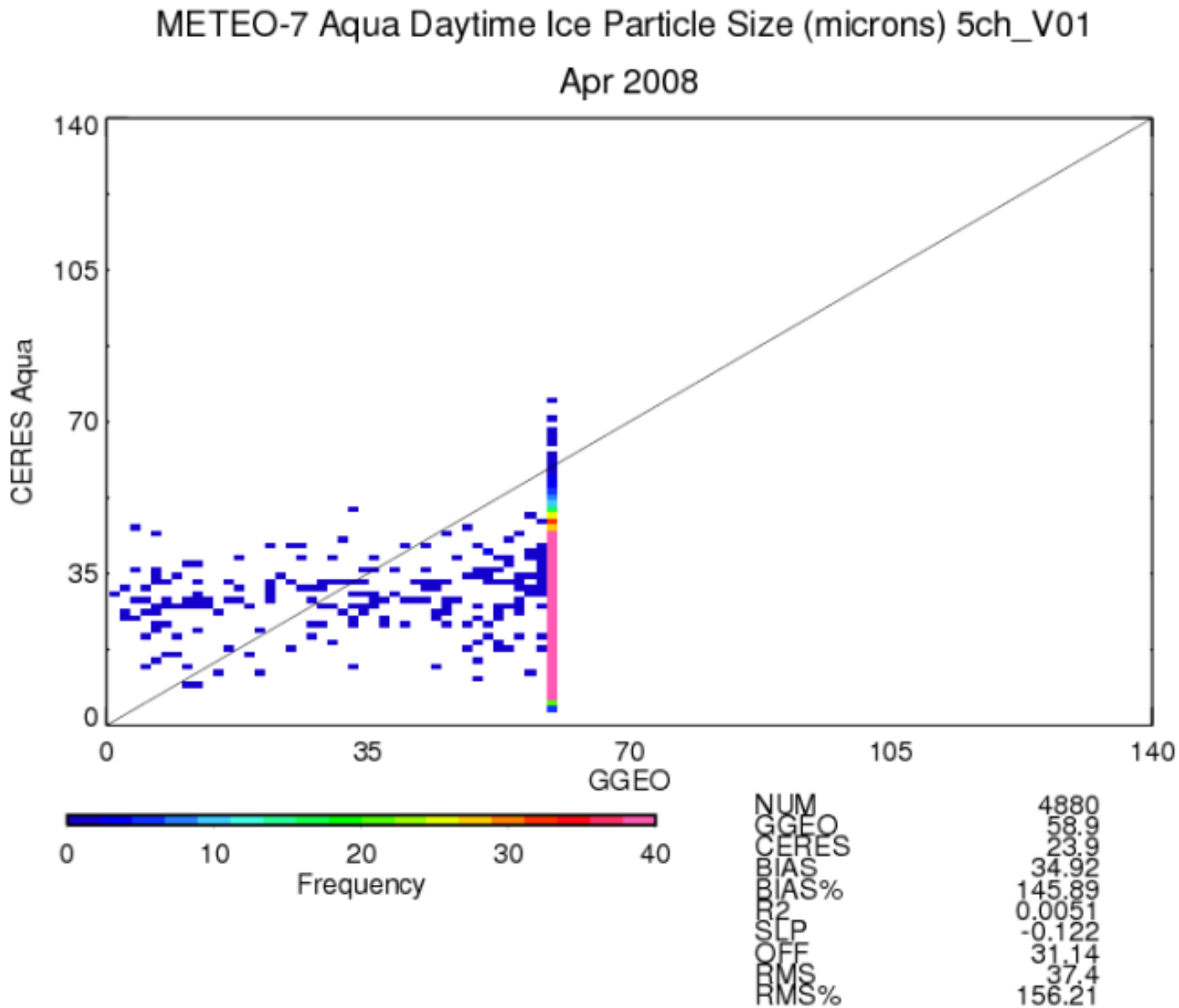

METEO-7 Aqua Daytime Cloud Base Height (km) 5ch_V01
Apr 2008
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

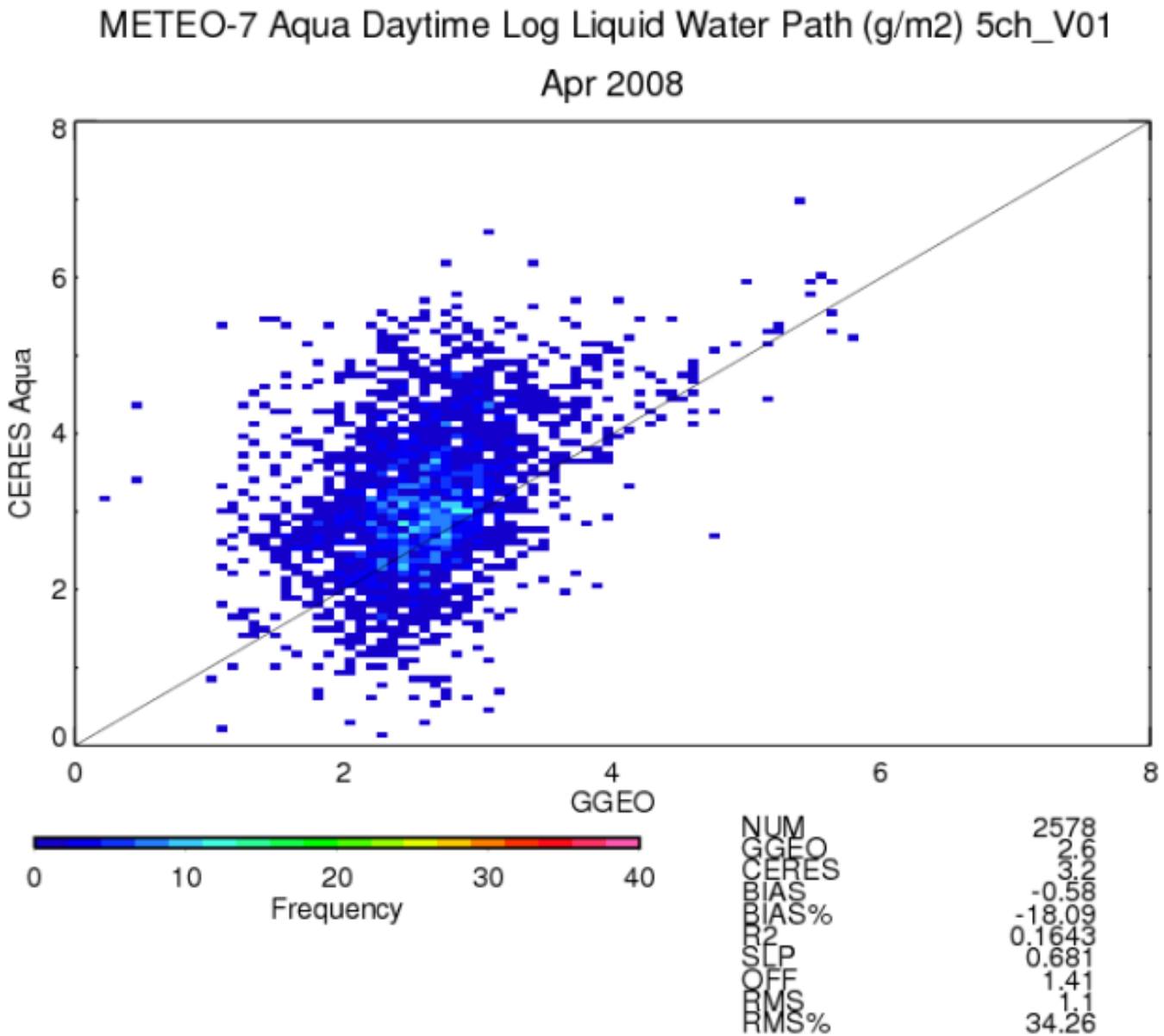

METEO-7 Aqua Daytime Cloud Phase 5ch_V01
Apr 2008
CERES Aqua
GGEO
2
1
1
2
0
10
20
30
40
Frequency
NUM 6817
GGEO 1.7
CERES 1.5
BIAS 0.21
BIAS% 14.58
R2 0.1916
SLP 0.367
OFF 0.84
RMS 0.4
RMS% 30.84

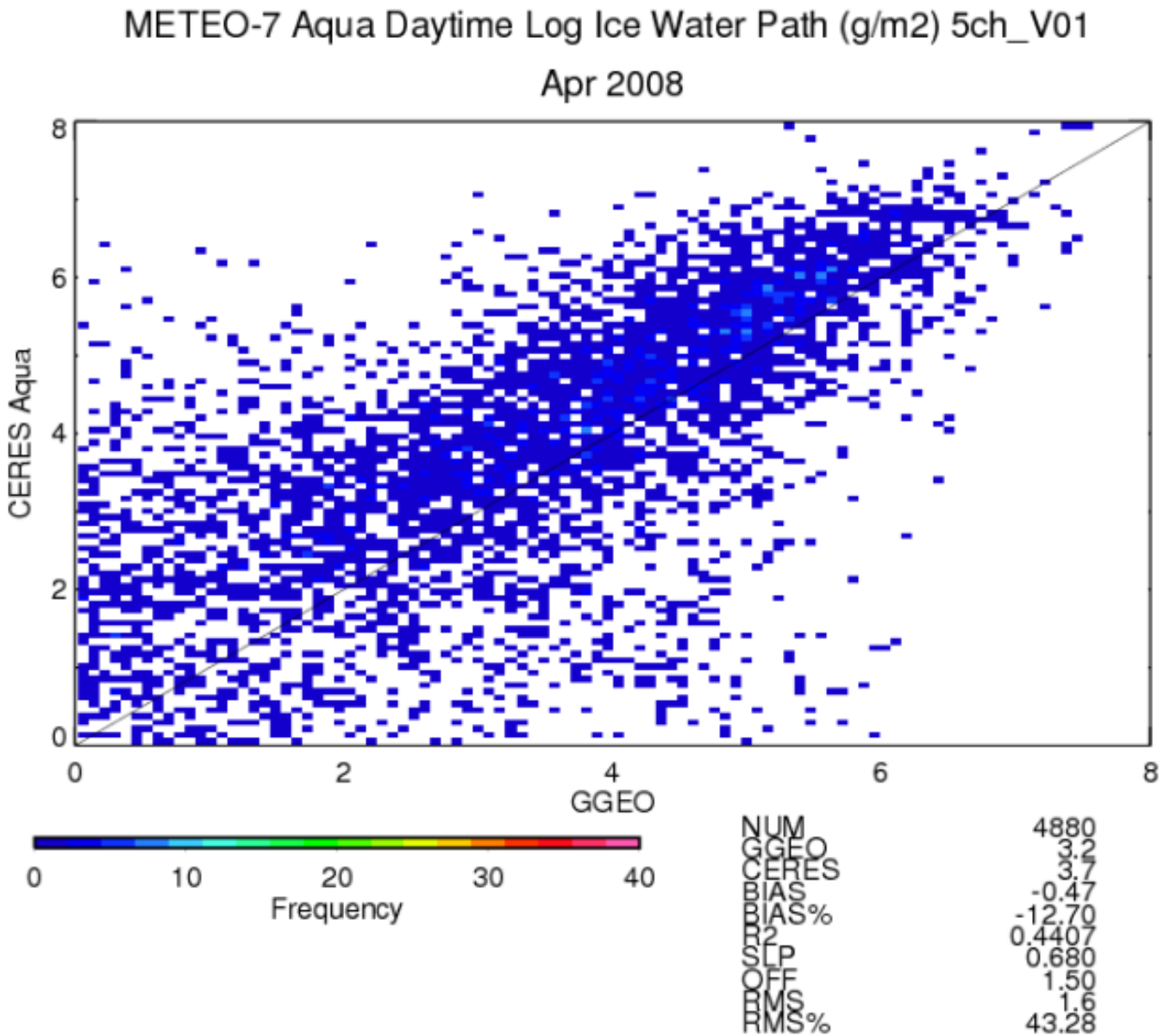

METEO-7 Aqua Daytime Liquid Cld Amt (%) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Frequency
NUM 5359
GGEO 0.2
CERES 0.4
BIAS -0.15
BIAS% -37.76
R2 0.0220
SLP 0.132
OFF 0.35
RMS 0.4
RMS% 102.79

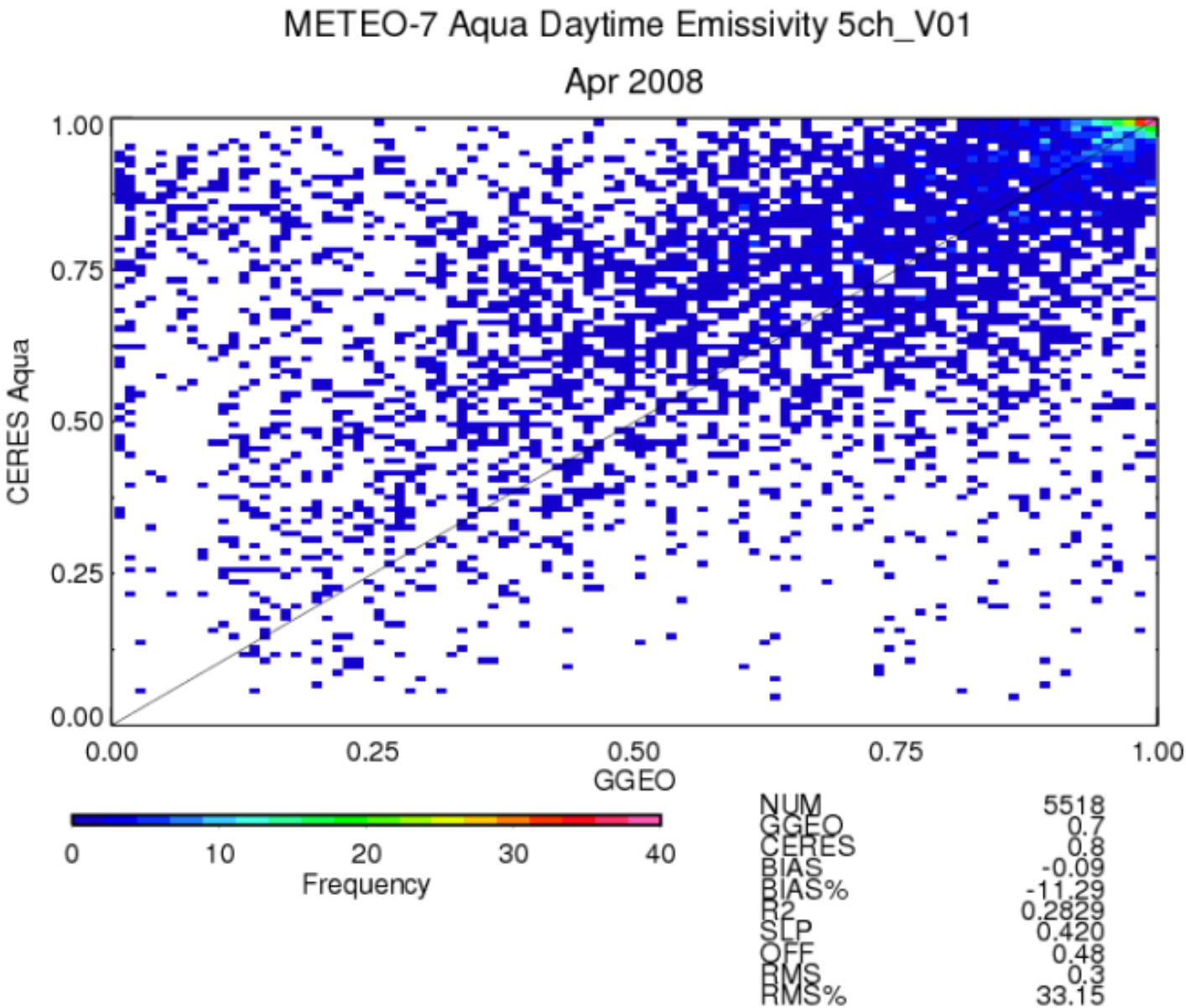

METEO-7 Aqua Daytime Ice Cld Amt (%) 5ch_V01
Apr 2008
CERES Aqua
100
80
60
40
20
0
0
20
40
60
80
100
GGEO
0
10
20
30
40
Frequency
NUM 5258
GGEO 0.6
CERES 0.4
BIAS 0.17
BIAS% 37.32
R2 0.2740
SLP 0.500
OFF 0.14
RMS 0.4
RMS% 83.26

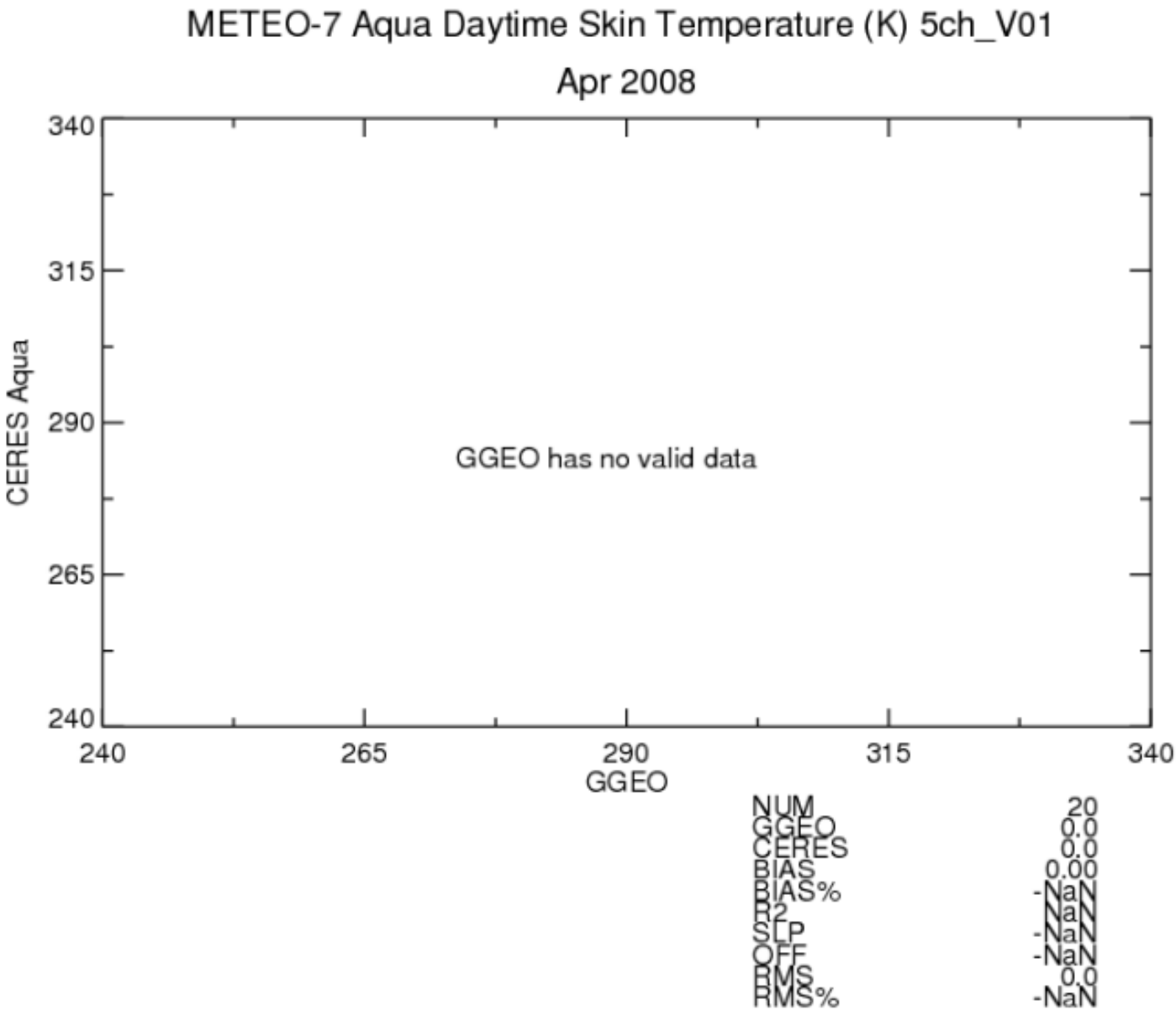

METEO-7 Aqua Daytime Liquid Particle Size (microns) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 2578
GGEO 9.9
CERES 12.1
BIAS -2.23
BIAS% -18.39
R2 0.0012
SLP -0.191
OFF 14.03
RMS 4.9
RMS% 39.98

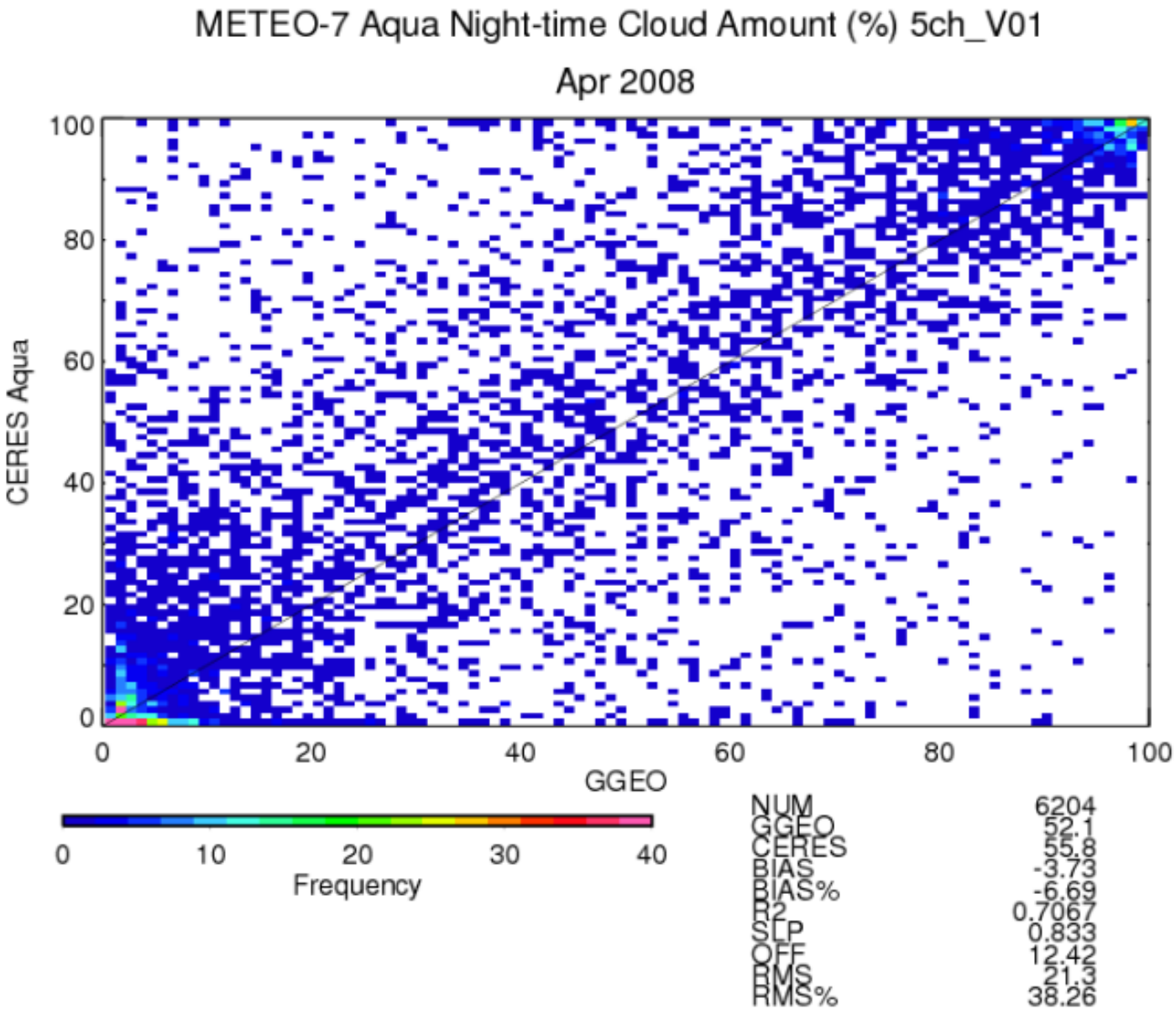

METEO-7 Aqua Daytime Ice Particle Size (microns) 5ch_V01
Apr 2008
CERES Aqua
140
105
70
35
0
0
35
70
105
140
GGEO
0
10
20
30
40
Frequency
NUM 4880
GGEO 58.9
CERES 23.9
BIAS 34.92
BIAS% 145.89
R2 0.0051
SLP -0.122
OFF 31.14
RMS 37.4
RMS% 156.21

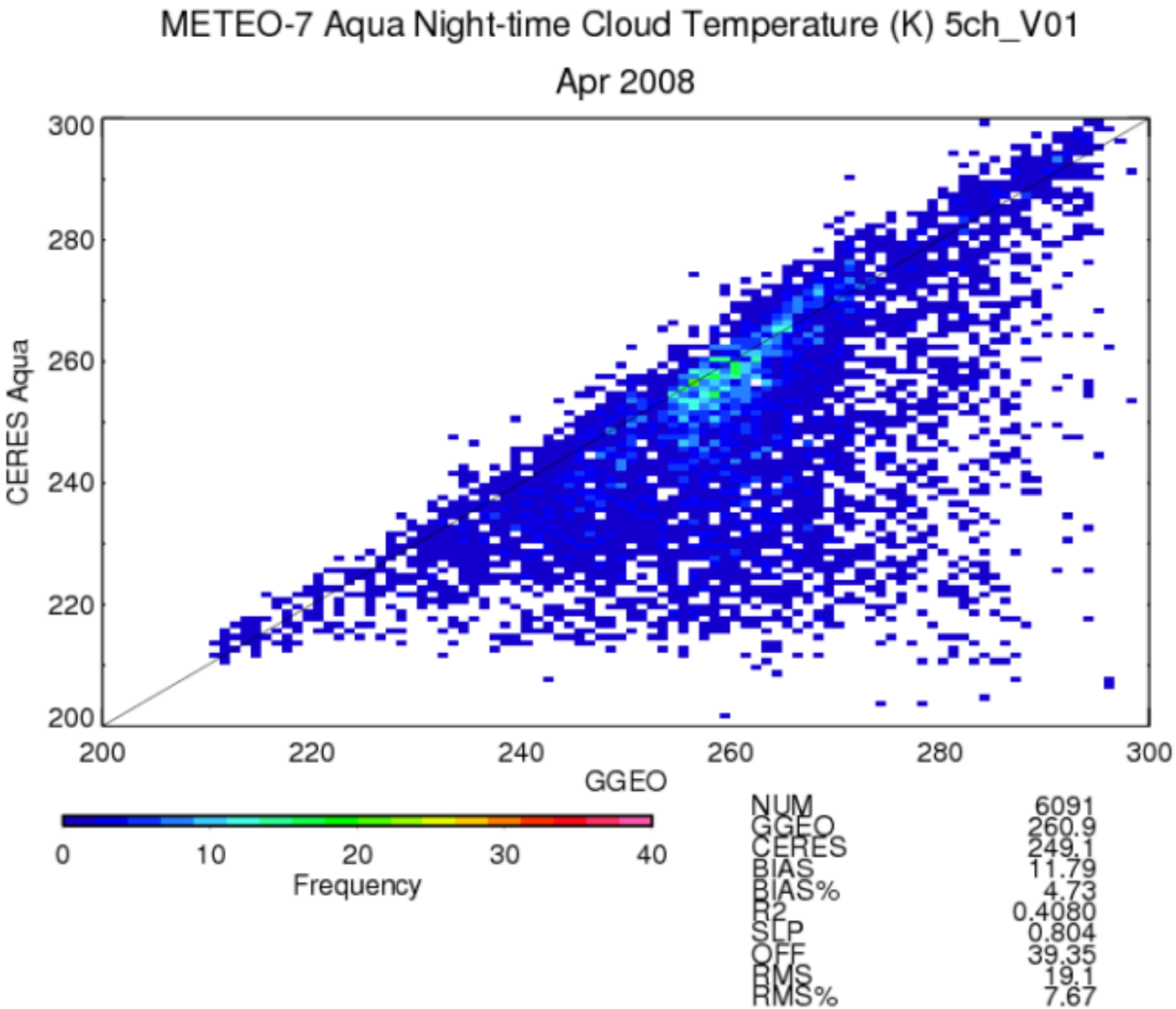

METEO-7 Aqua Daytime Log Liquid Water Path (g/m2) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
Frequency
0
10
20
30
40
NUM 2578
GGEO 2.6
CERES 3.2
BIAS -0.58
BIAS% -18.09
R2 0.1643
SLP 0.681
OFF 1.41
RMS 1.1
RMS% 34.26

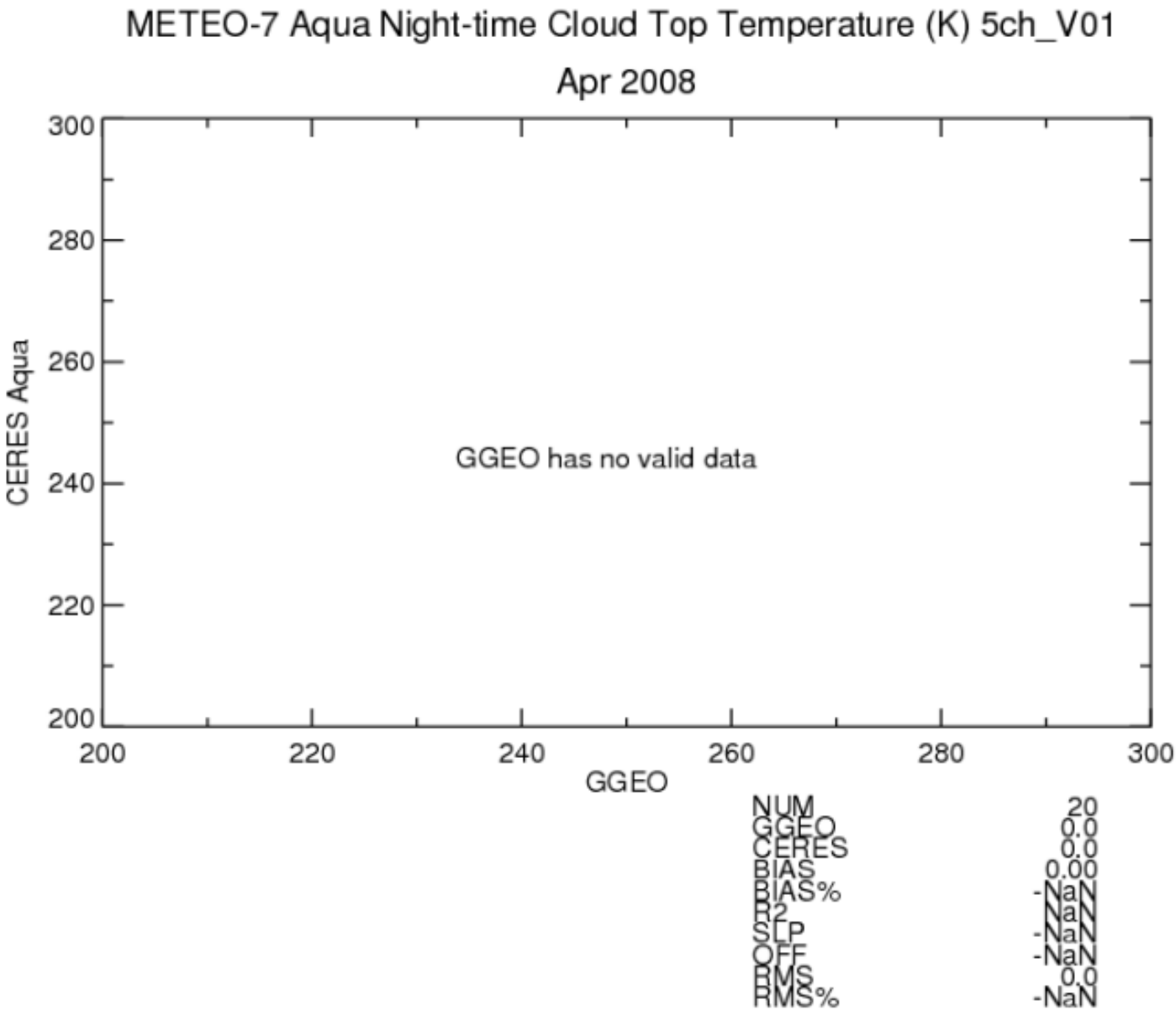

METEO-7 Aqua Daytime Log Ice Water Path (g/m2) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 4880
GGEO 3.2
CERES 3.7
BIAS -0.47
BIAS% -12.70
R2 0.4407
SLP 0.680
OFF 1.50
RMS 1.6
RMS% 43.28

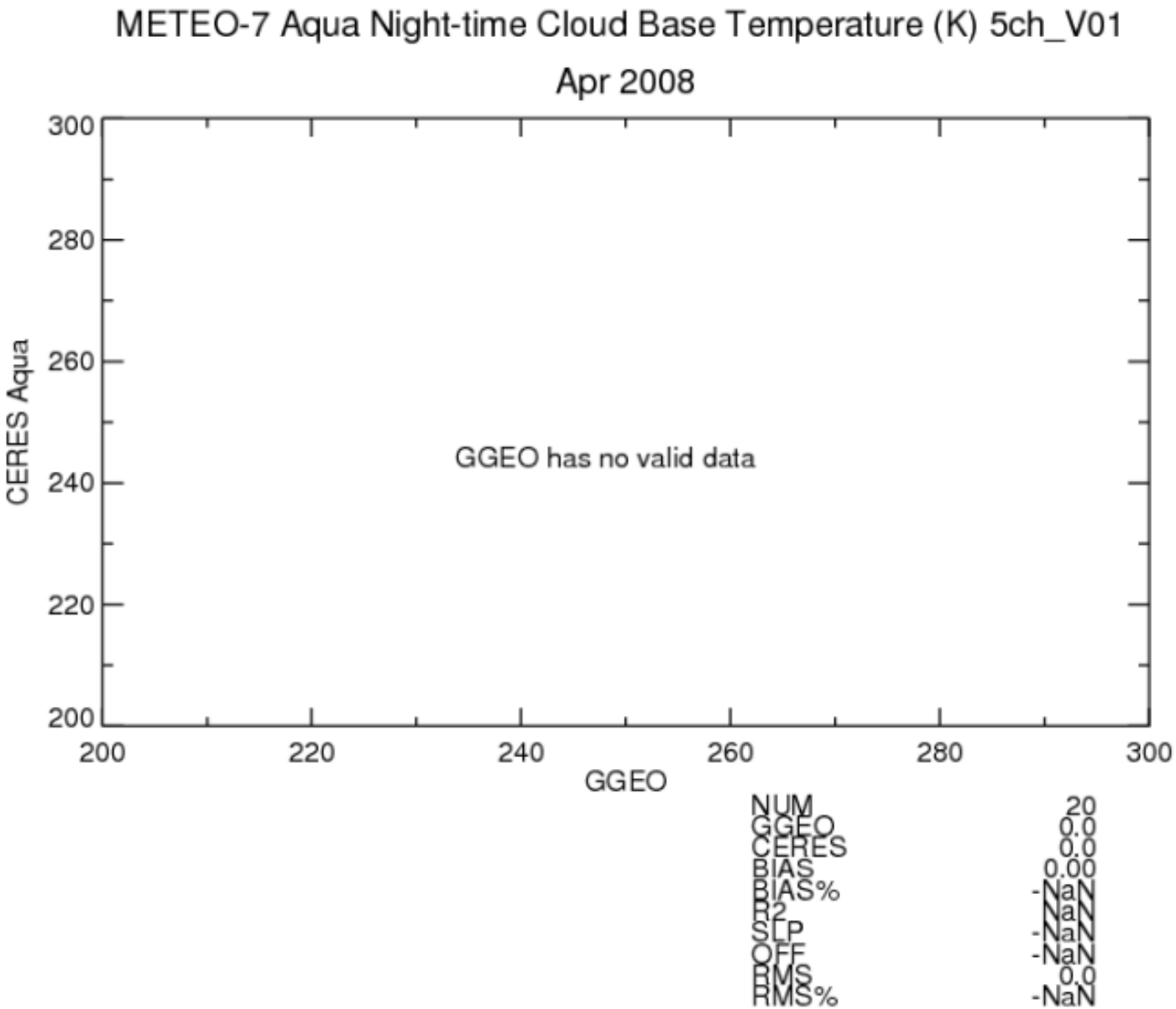

METEO-7 Aqua Daytime Emissivity 5ch_V01
Apr 2008
CERES Aqua
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
GGEO
0
10
20
30
40
Frequency
NUM 5518
GGEO 0.7
CERES 0.8
BIAS -0.09
BIAS% -11.29
R2 0.2829
SLP 0.420
OFF 0.48
RMS 0.3
RMS% 33.15

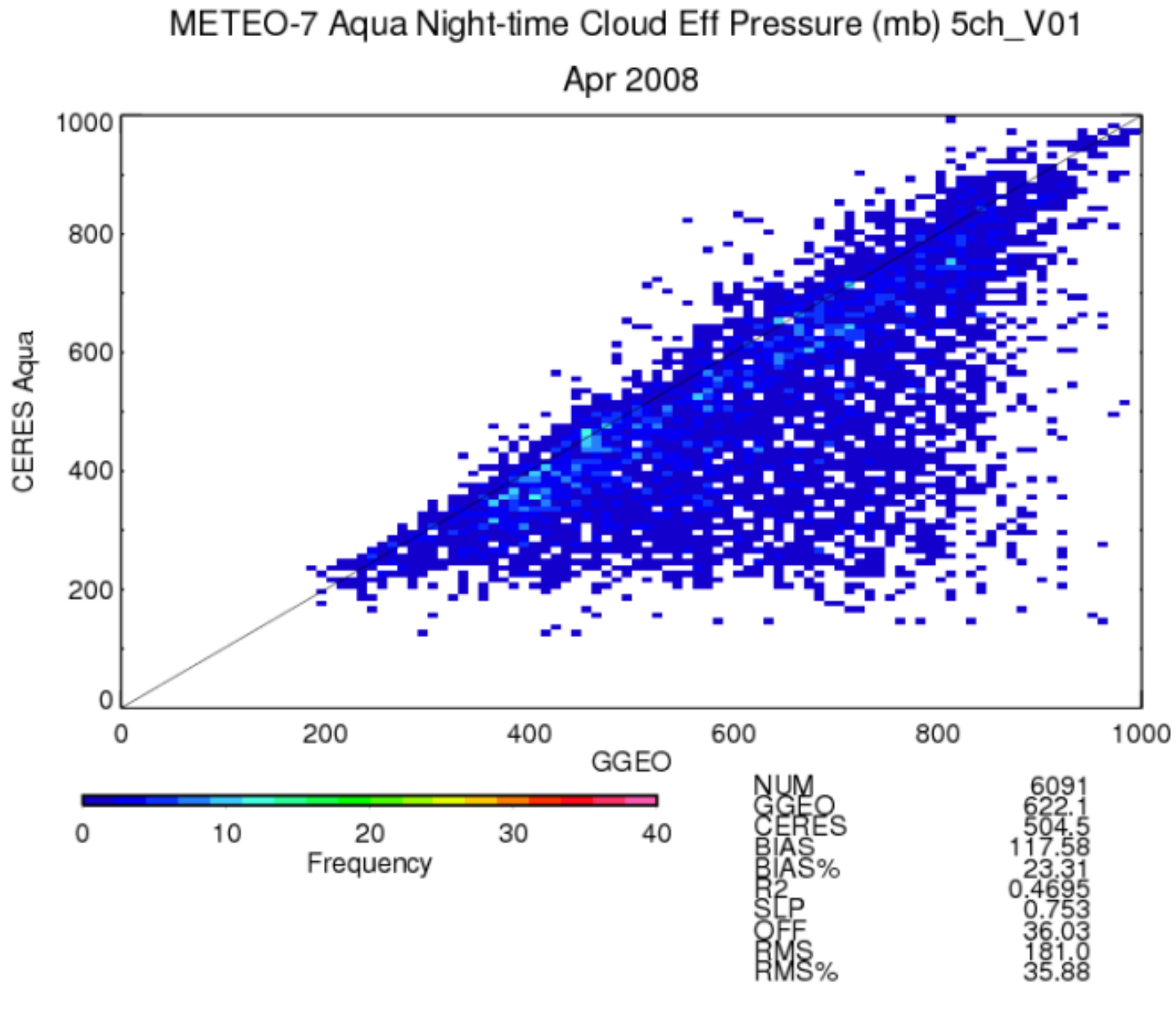

METEO-7 Aqua Daytime Skin Temperature (K) 5ch_V01
Apr 2008
340
315
290
265
240
CERES Aqua
GGEO has no valid data
240
265
290
315
340
GGEO
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 -NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

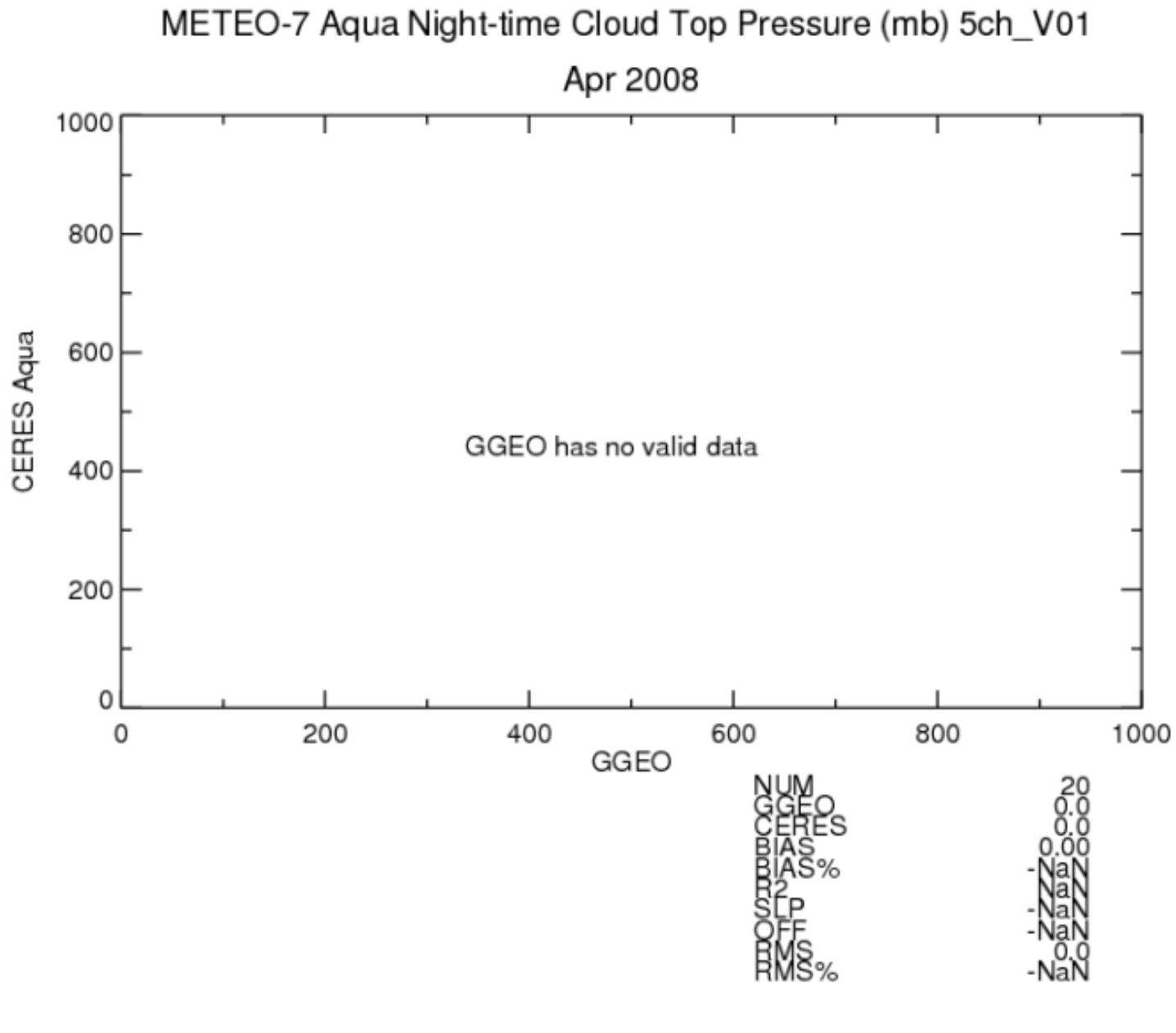

METEO-7 Aqua Night-time Cloud Amount (%) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Frequency
NUM 6204
GGEO 52.1
CERES 55.8
BIAS -3.73
BIAS% -6.69
R2 0.7067
SLP 0.833
OFF 12.42
RMS 21.3
RMS% 38.26

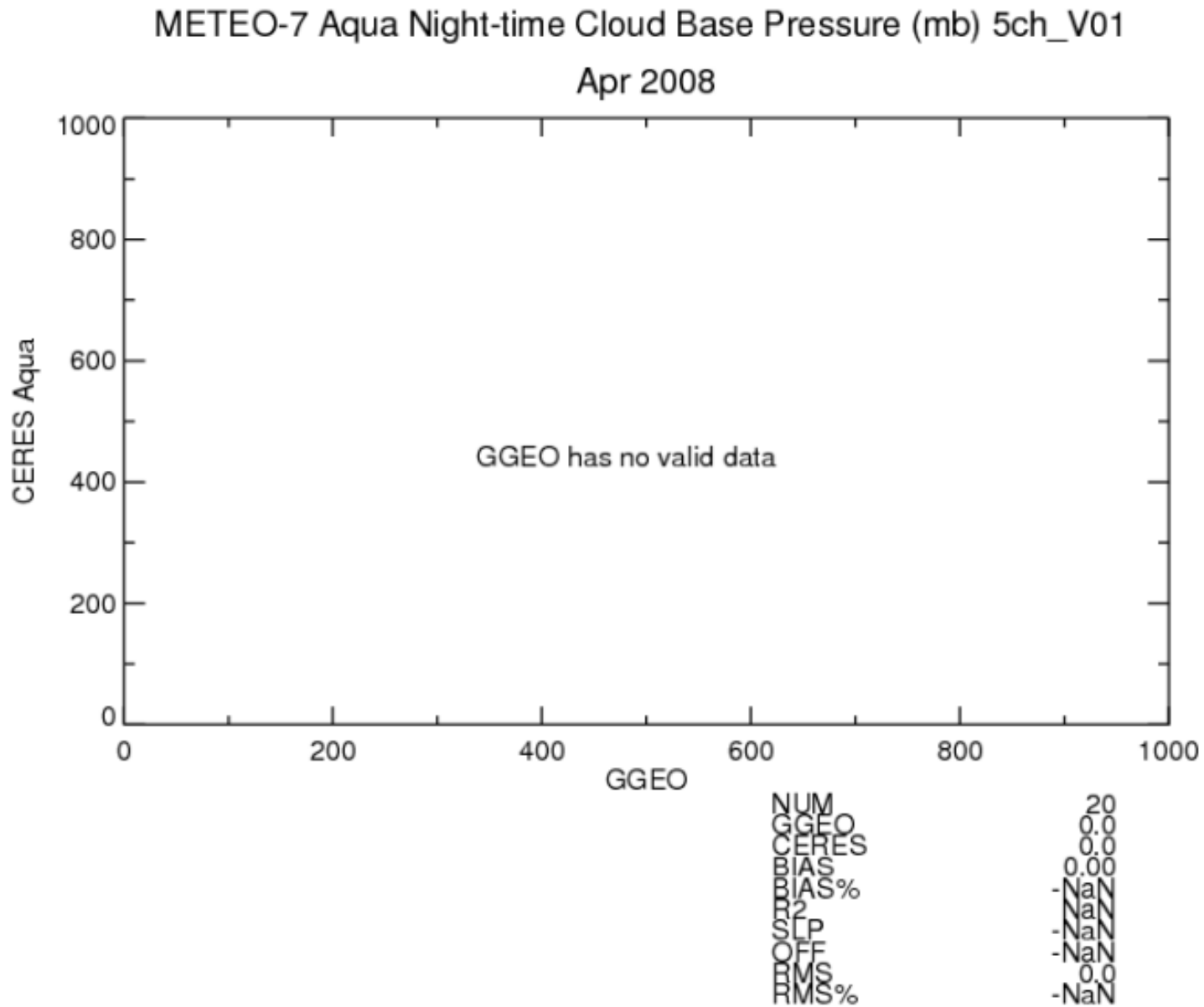

METEO-7 Aqua Night-time Cloud Temperature (K) 5ch_V01
Apr 2008
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 6091
GGEO 260.9
CERES 249.1
BIAS 11.79
BIAS% 4.73
R2 0.4080
SLP 0.804
OFF 39.35
RMS 19.1
RMS% 7.67

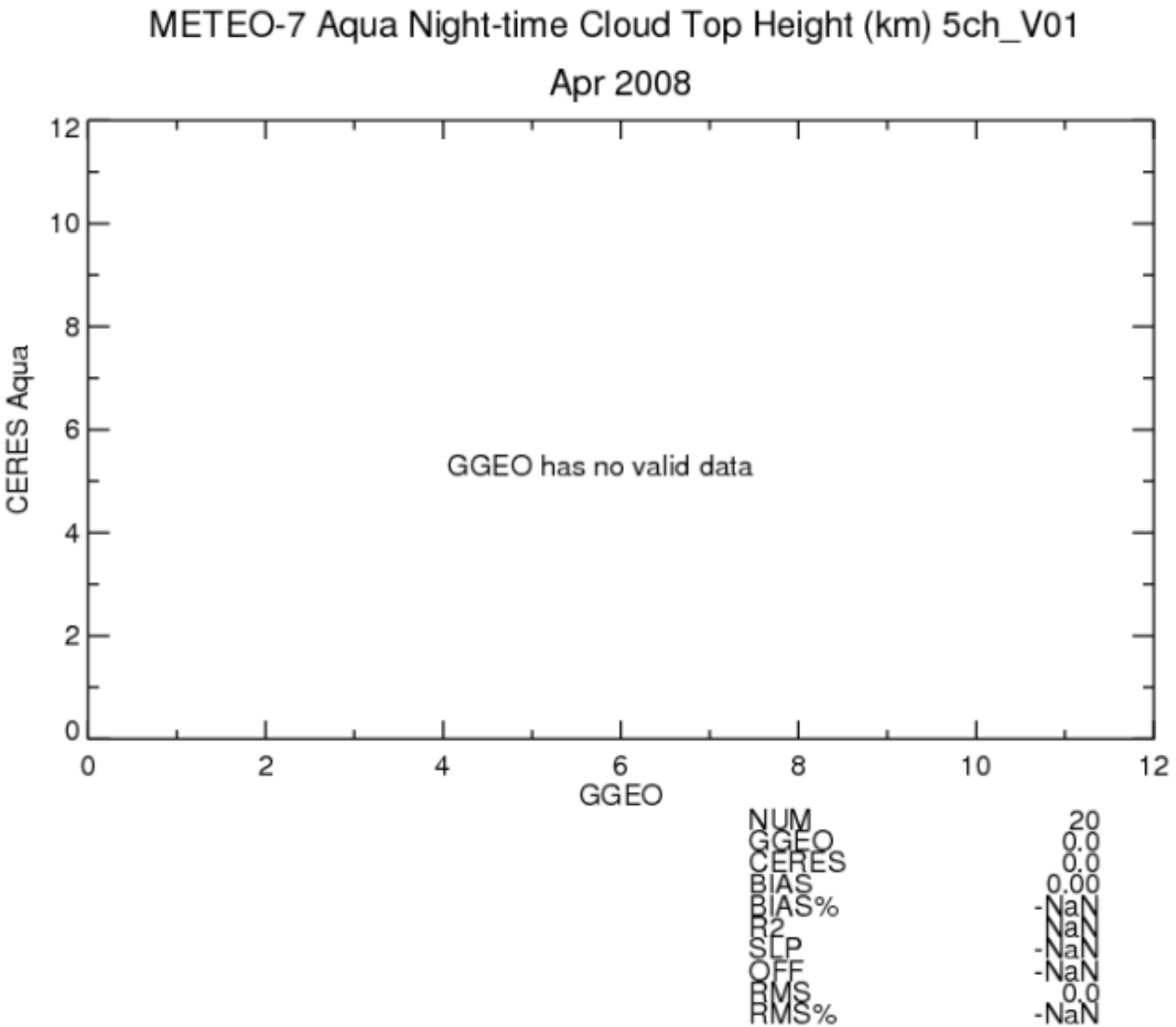

METEO-7 Aqua Night-time Cloud Top Temperature (K) 5ch_V01
Apr 2008
CERES Aqua
GGEO
300
280
260
240
220
200
GGEO has no valid data
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

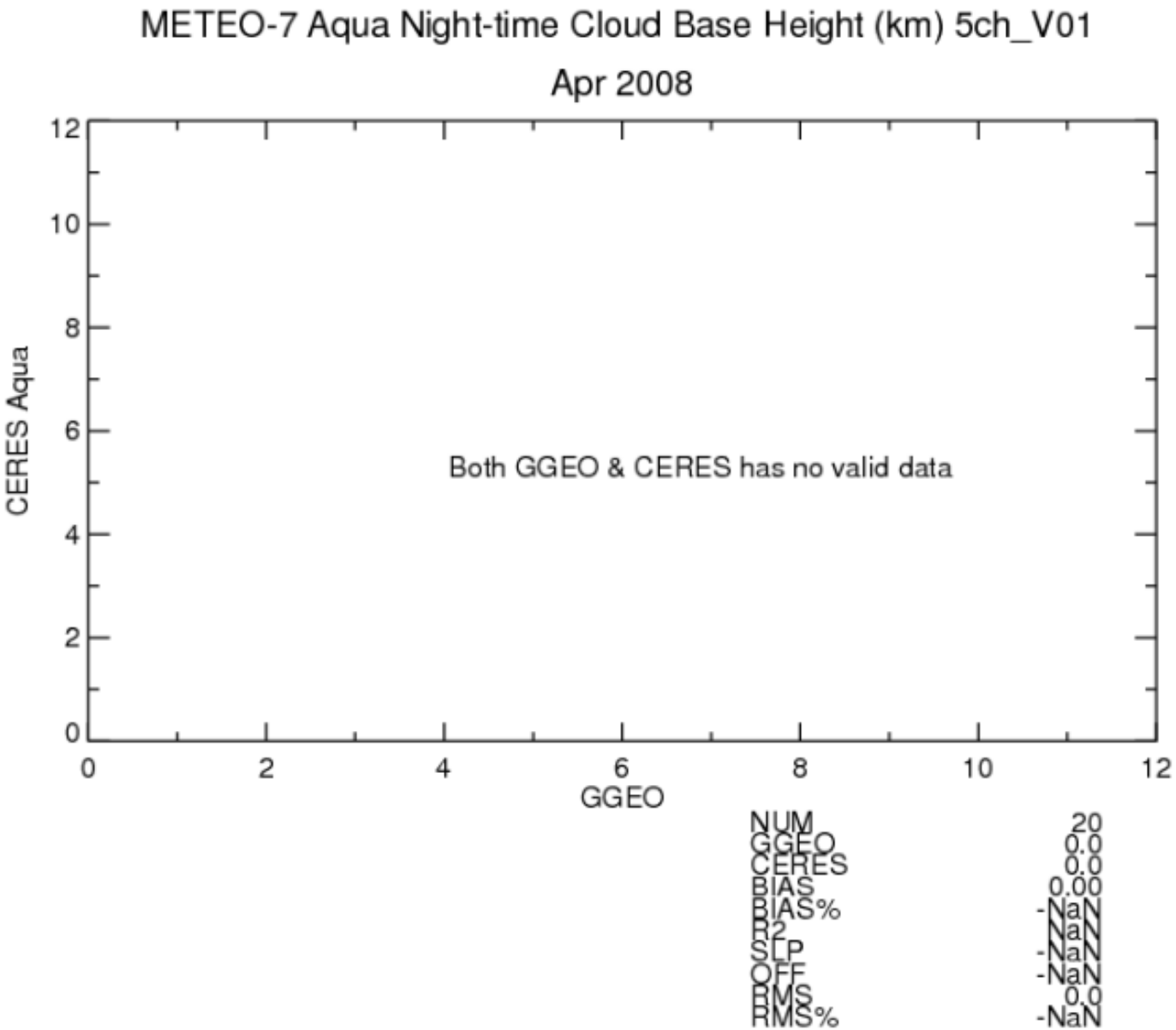

METEO-7 Aqua Night-time Cloud Base Temperature (K) 5ch_V01
Apr 2008
CERES Aqua
GGEO
GGEO has no valid data
300
280
260
240
220
200
200
220
240
260
280
300
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 -NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

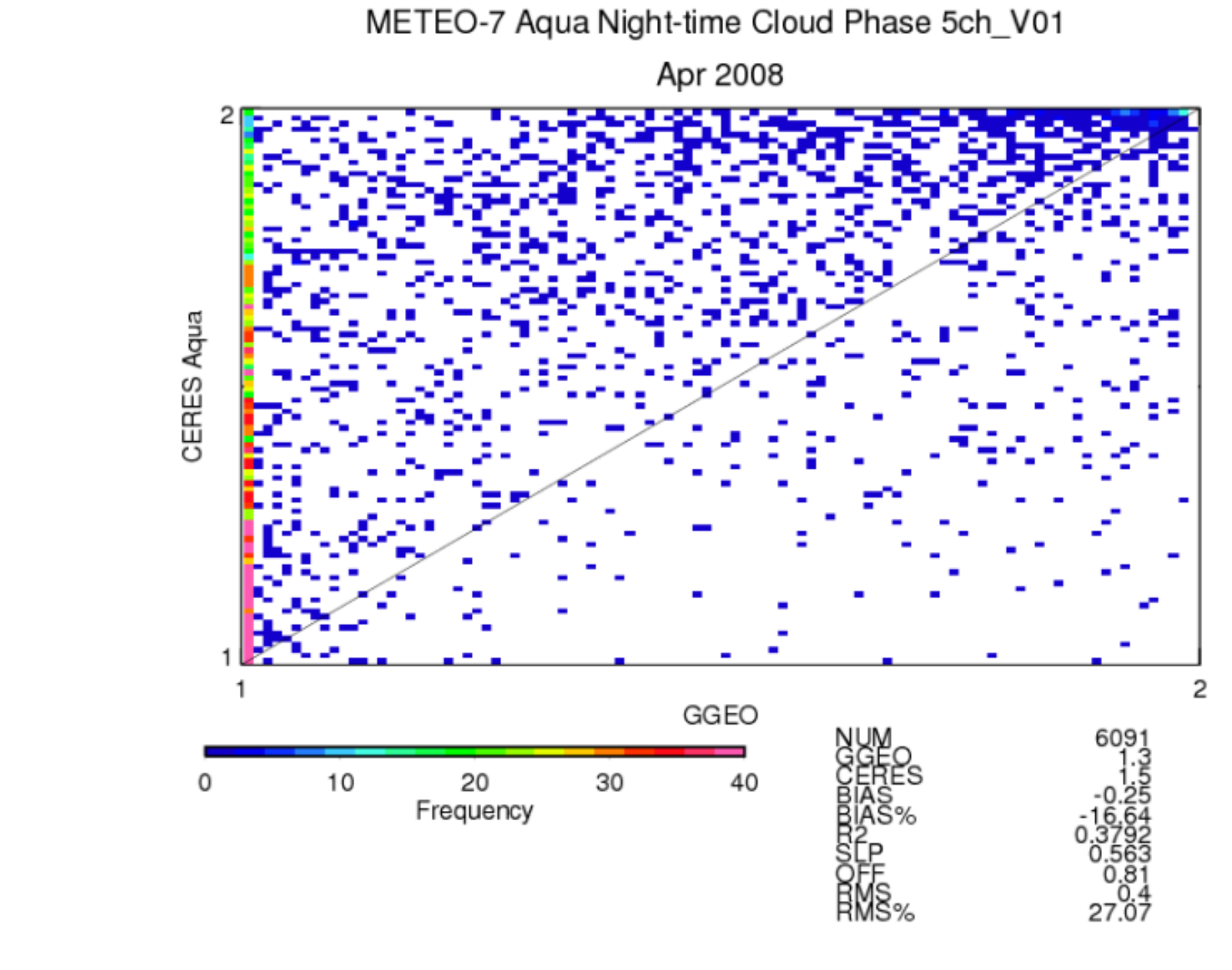

METEO-7 Aqua Night-time Cloud Eff Pressure (mb) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 6091
GGEO 622.1
CERES 504.5
BIAS 117.58
BIAS% 23.31
R2 0.4695
SLP 0.753
OFF 36.03
RMS 181.0
RMS% 35.88

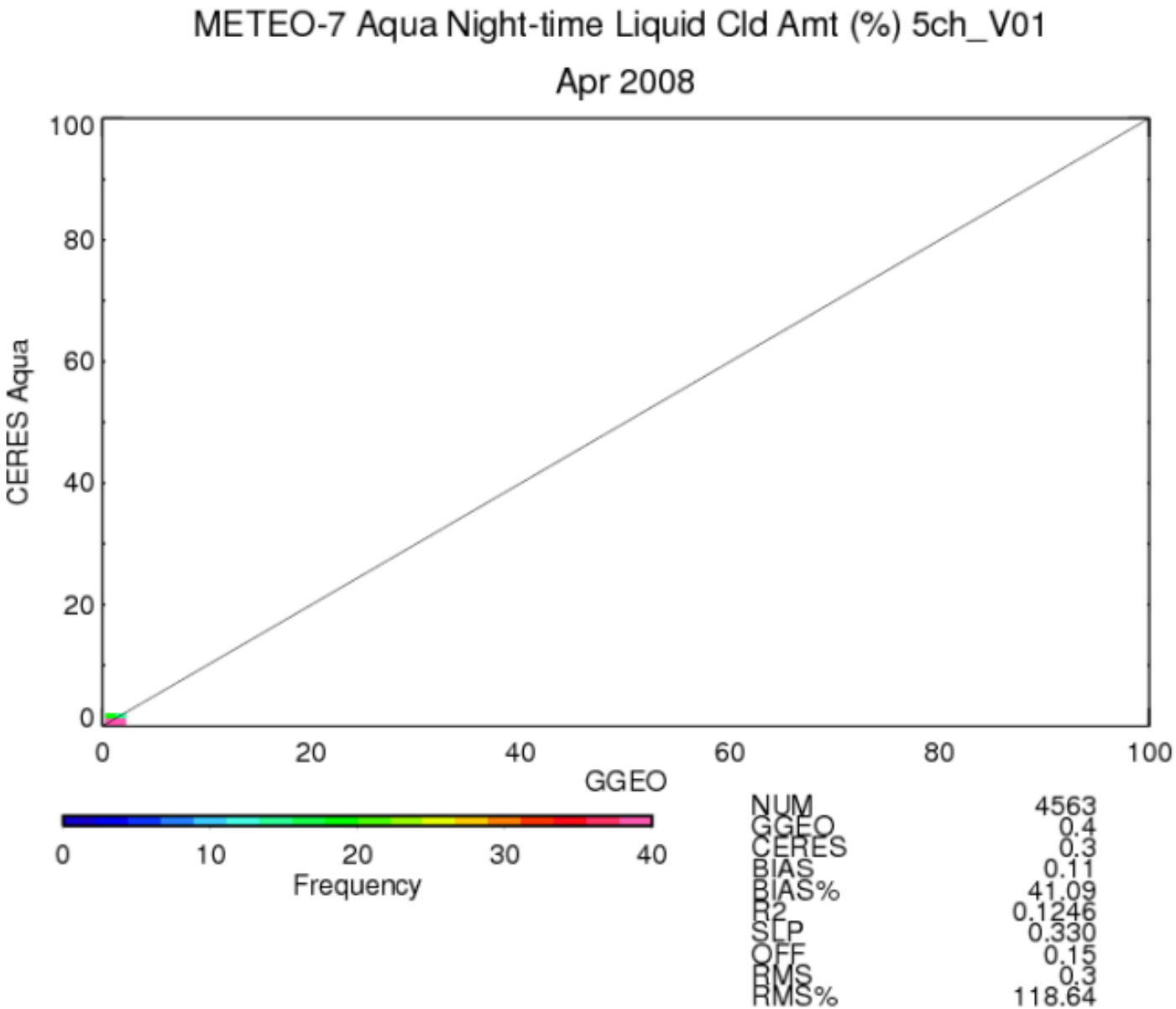

METEO-7 Aqua Night-time Cloud Top Pressure (mb) 5ch_V01
Apr 2008
CERES Aqua
GGEO
GGEO has no valid data
0
200
400
600
800
1000
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

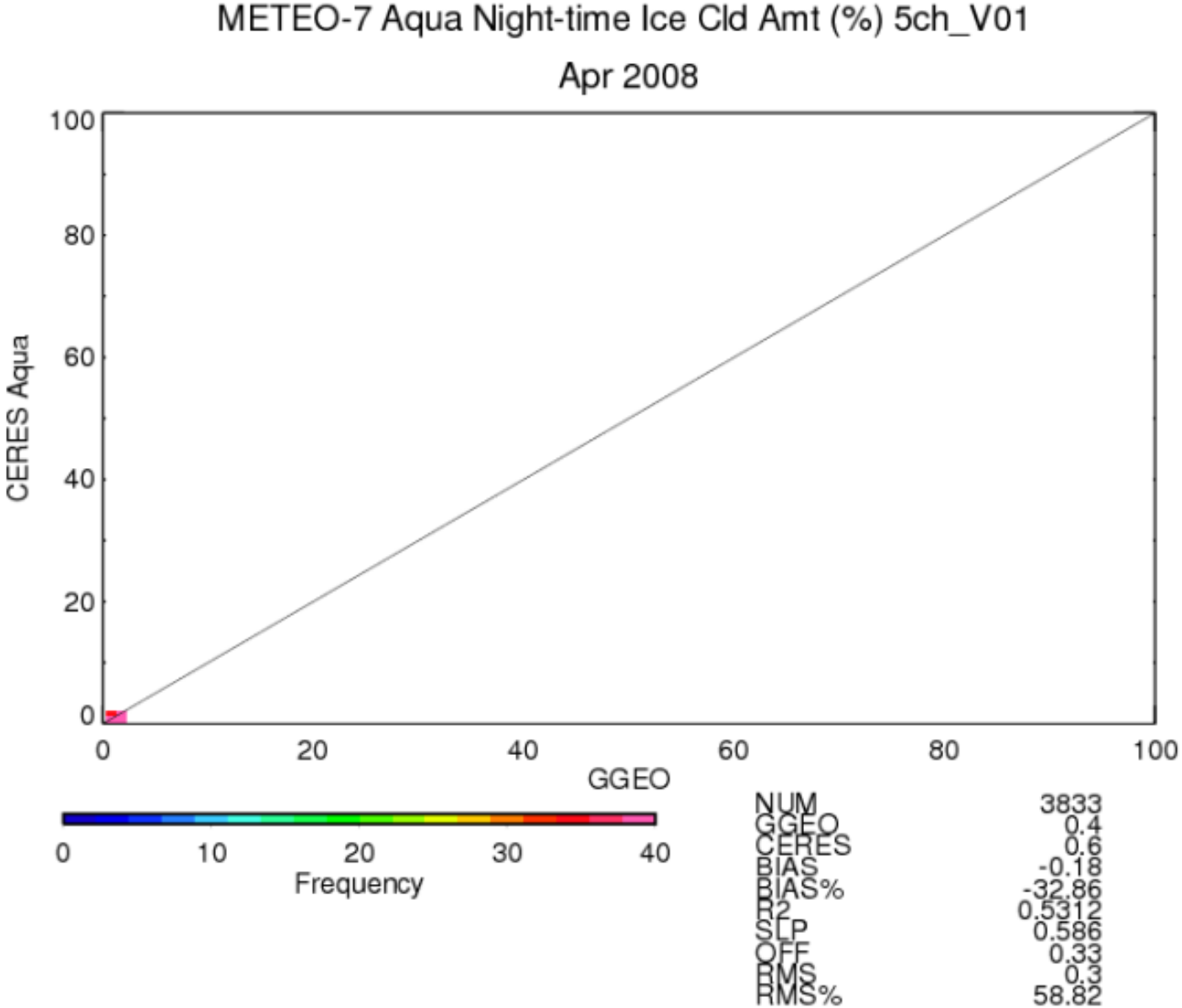

METEO-7 Aqua Night-time Cloud Base Pressure (mb) 5ch_V01
Apr 2008
CERES Aqua
GGEO
GGEO has no valid data
0
200
400
600
800
1000
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

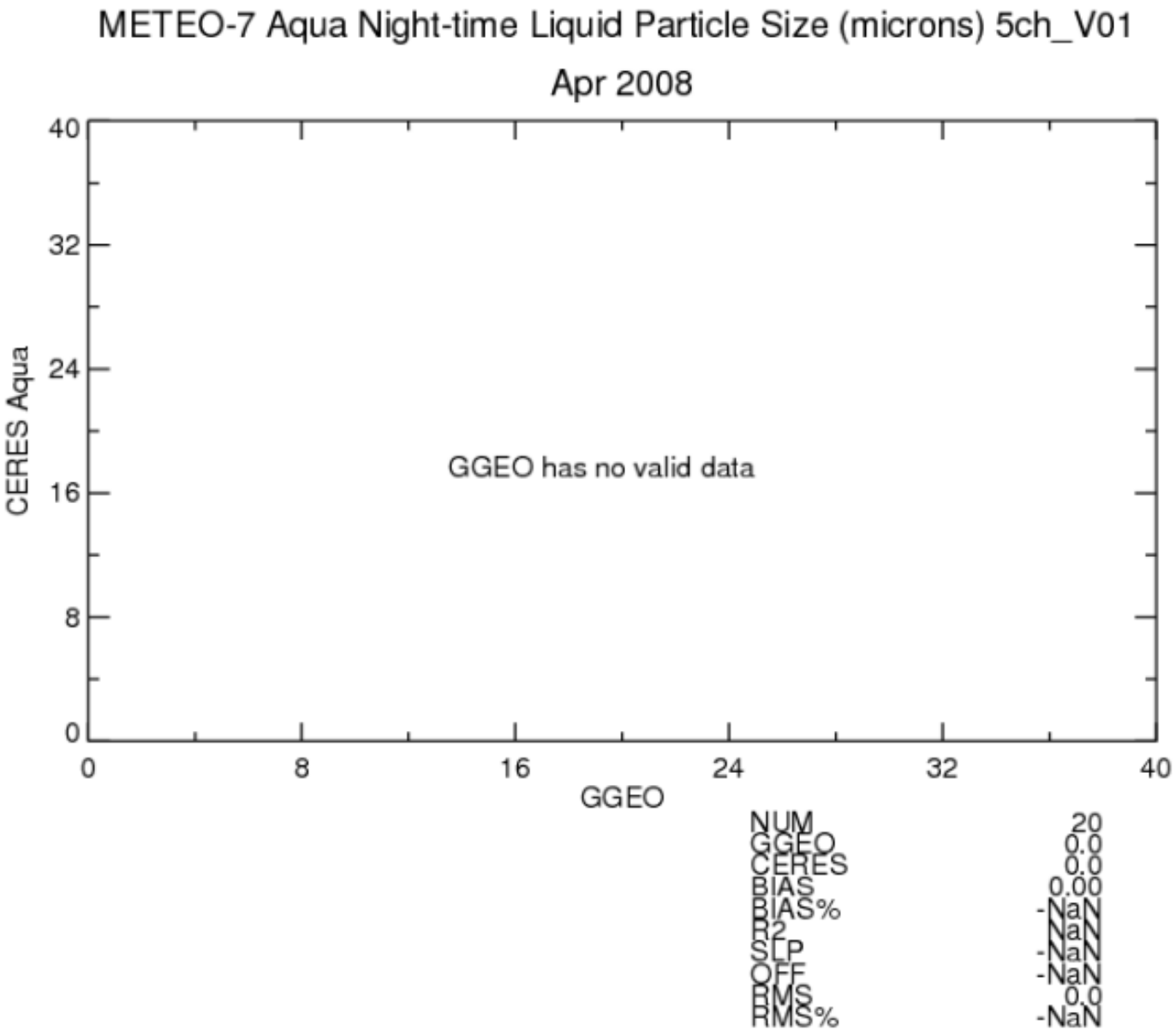

METEO-7 Aqua Night-time Cloud Top Height (km) 5ch_V01
Apr 2008
CERES Aqua
GGEO
GGEO has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

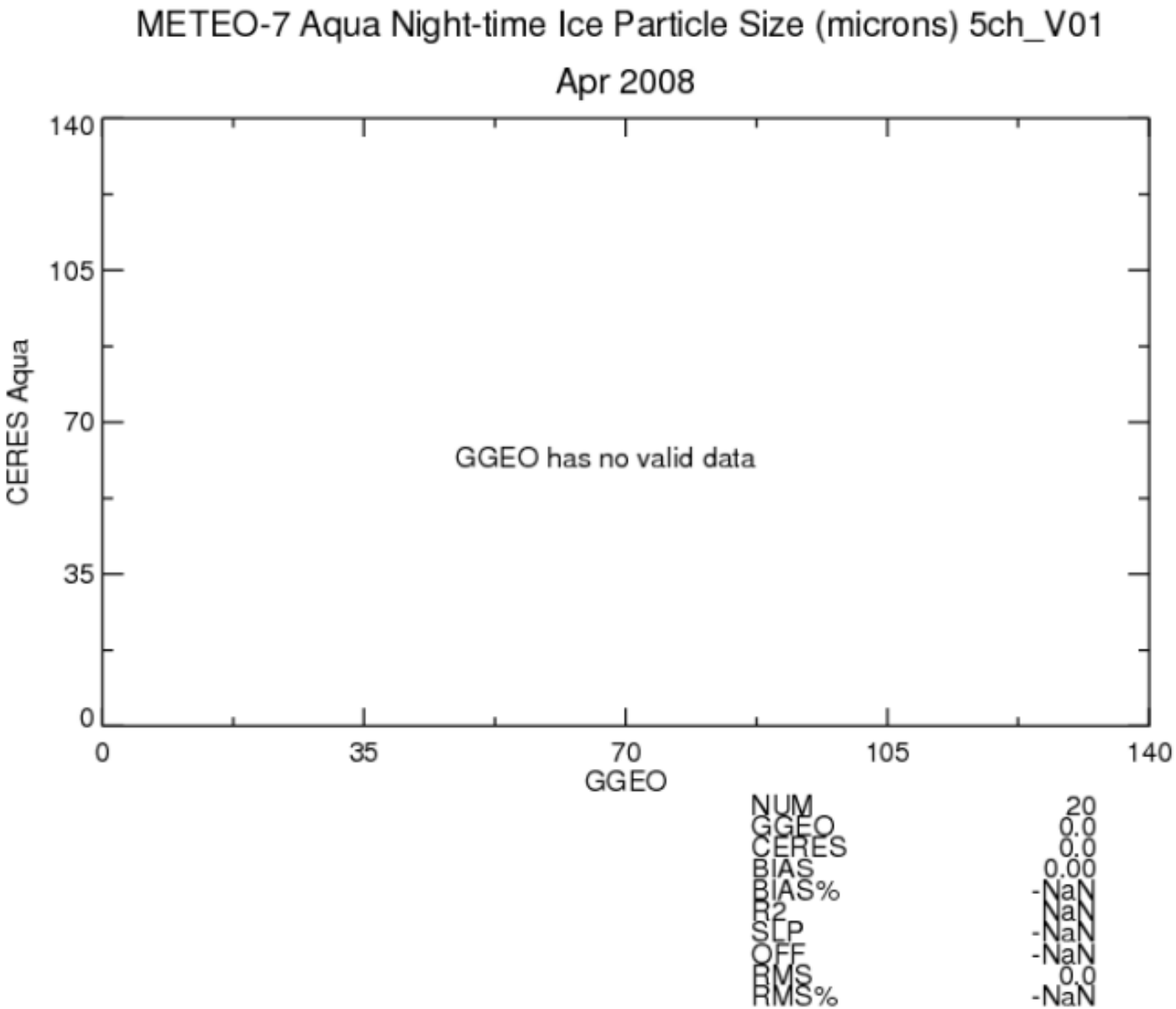

METEO-7 Aqua Night-time Cloud Base Height (km) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Both GGEO & CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

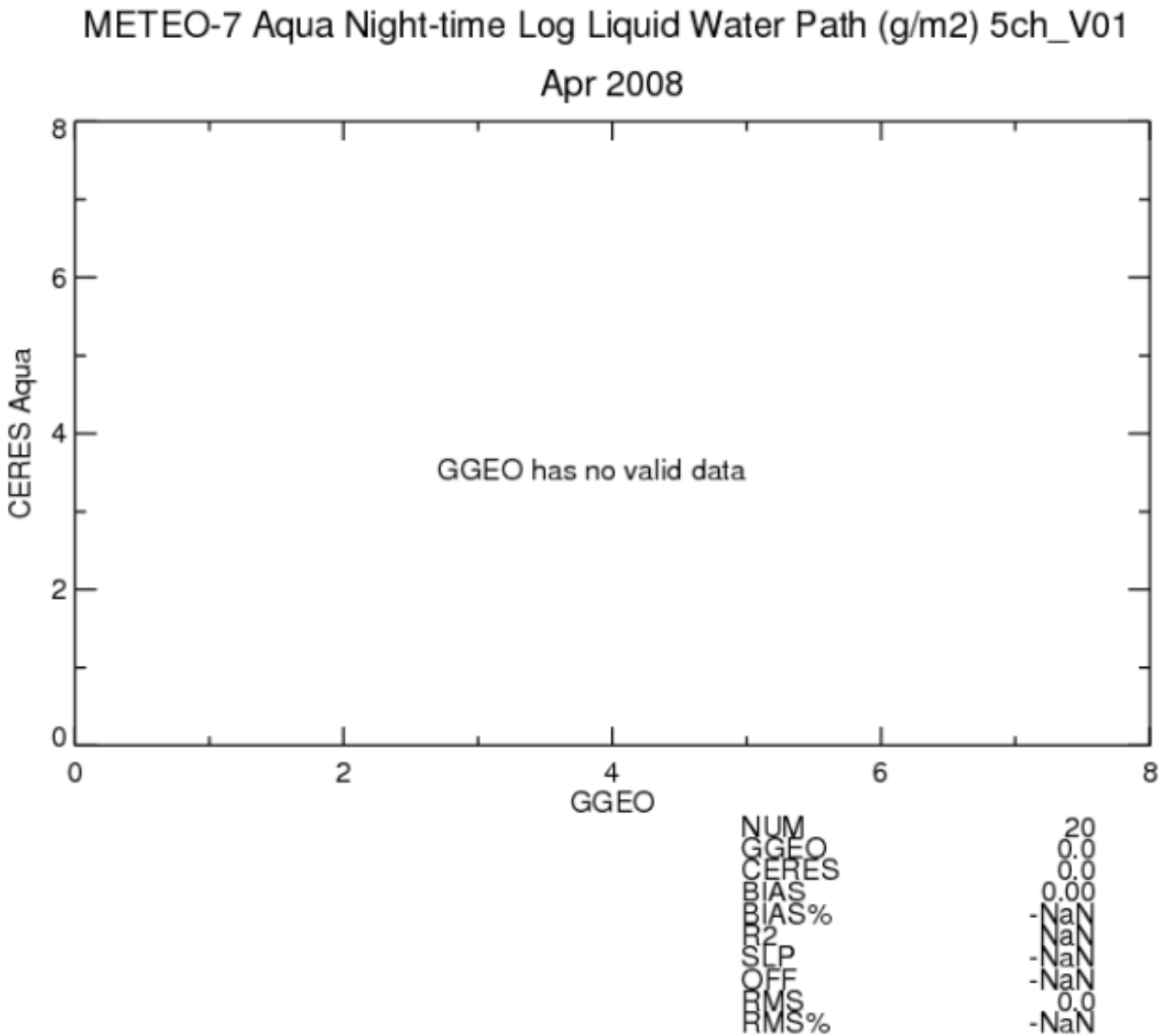

METEO-7 Aqua Night-time Cloud Phase 5ch_V01
Apr 2008
CERES Aqua
GGEO
2
1
1
2
0
10
20
30
40
Frequency
NUM 6091
GGEO 1.3
CERES 1.5
BIAS -0.25
BIAS% -16.64
R2 0.3792
SLP 0.563
OFF 0.81
RMS 0.4
RMS% 27.07

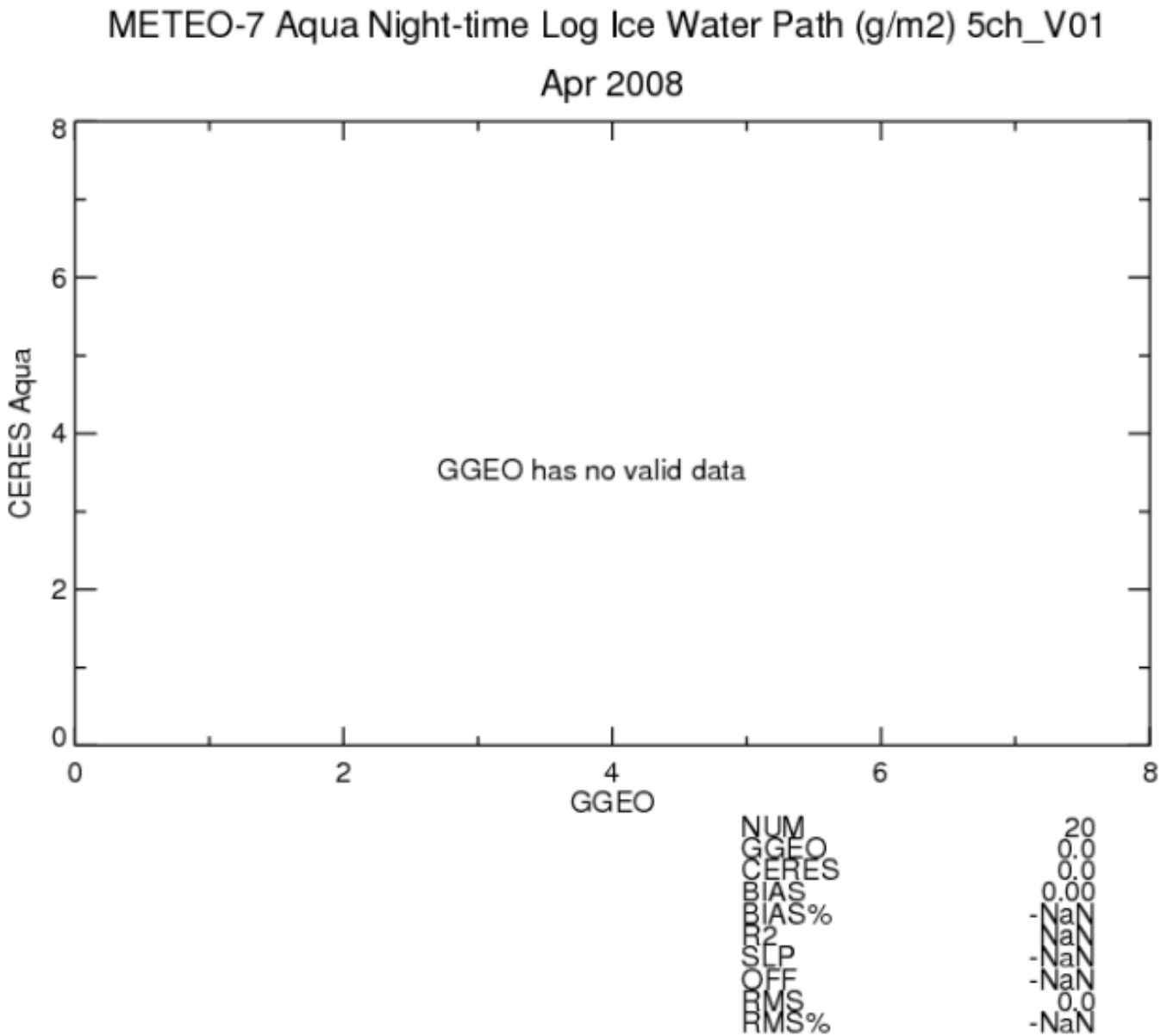

METEO-7 Aqua Night-time Liquid Cld Amt (%) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Frequency
NUM 4563
GGEO 0.4
CERES 0.3
BIAS 0.11
BIAS% 41.09
R2 0.1246
SLP 0.330
OFF 0.15
RMS 0.3
RMS% 118.64

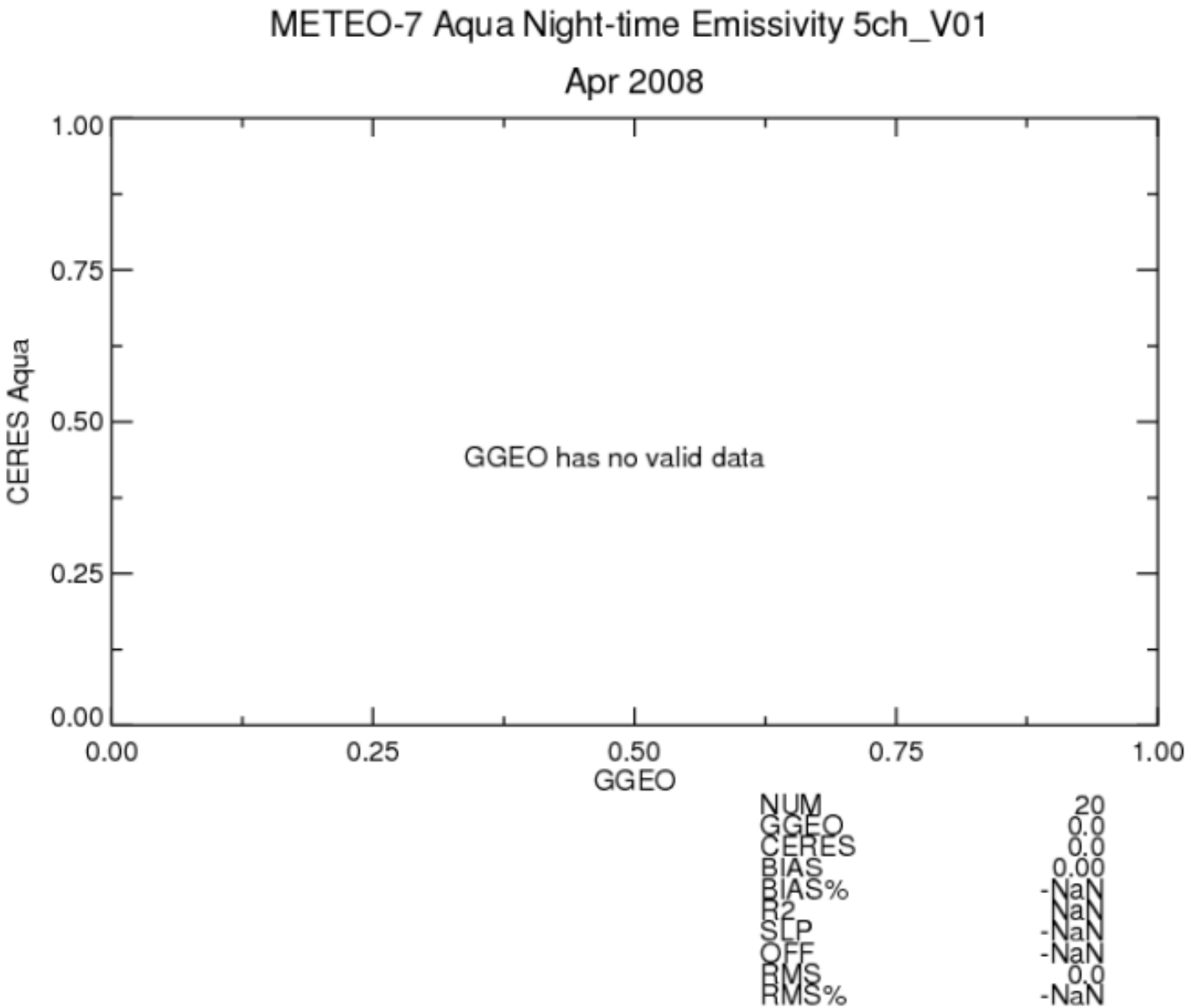

METEO-7 Aqua Night-time Ice Cld Amt (%) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Frequency
NUM 3833
GGEO 0.4
CERES 0.6
BIAS -0.18
BIAS% -32.86
R2 0.5312
SLP 0.586
OFF 0.33
RMS 0.3
RMS% 58.82

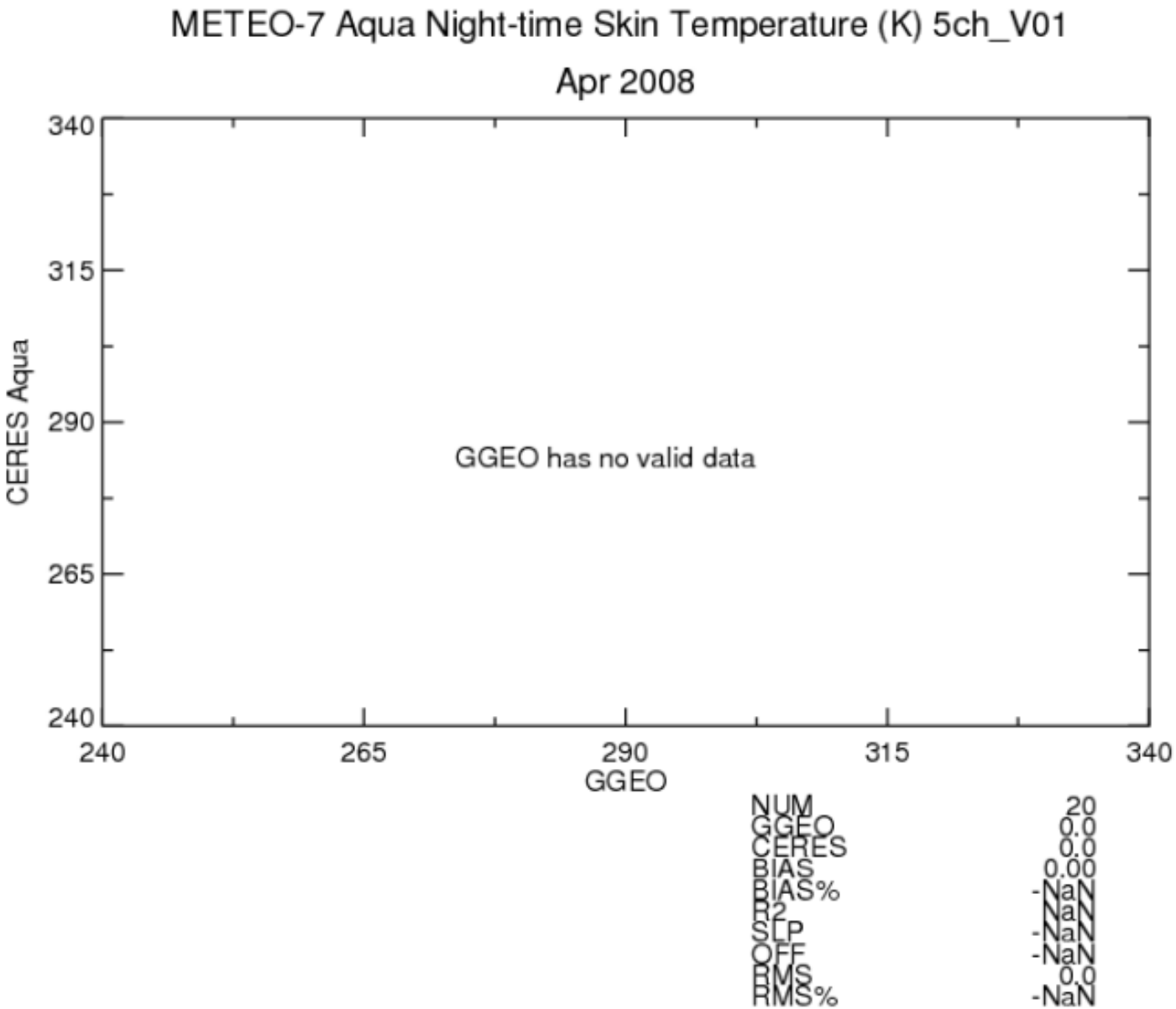

METEO-7 Aqua Night-time Liquid Particle Size (microns) 5ch_V01
Apr 2008
CERES Aqua
GGEO
GGEO has no valid data
0
8
16
24
32
40
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN


METEO-7 Aqua Night-time Ice Particle Size (microns) 5ch_V01
Apr 2008
CERES Aqua
140
105
70
35
0
GGEO has no valid data
0
35
70
105
140
GGEO
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 -NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN


METEO-7 Aqua Night-time Log Liquid Water Path (g/m2) 5ch_V01
Apr 2008
CERES Aqua
GGEO
GGEO has no valid data
0
2
4
6
8
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN


METEO-7 Aqua Night-time Log Ice Water Path (g/m2) 5ch_V01
Apr 2008
CERES Aqua
GGEO
GGEO has no valid data
0
2
4
6
8
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN


METEO-7 Aqua Night-time Emissivity 5ch_V01
Apr 2008
1.00
0.75
0.50
0.25
0.00
CERES Aqua
GGEO has no valid data
0.00
0.25
0.50
0.75
1.00
GGEO
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN


METEO-7 Aqua Night-time Skin Temperature (K) 5ch_V01
Apr 2008
340
315
290
265
240
CERES Aqua
GGEO has no valid data
240
265
290
315
340
GGEO
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 -NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN