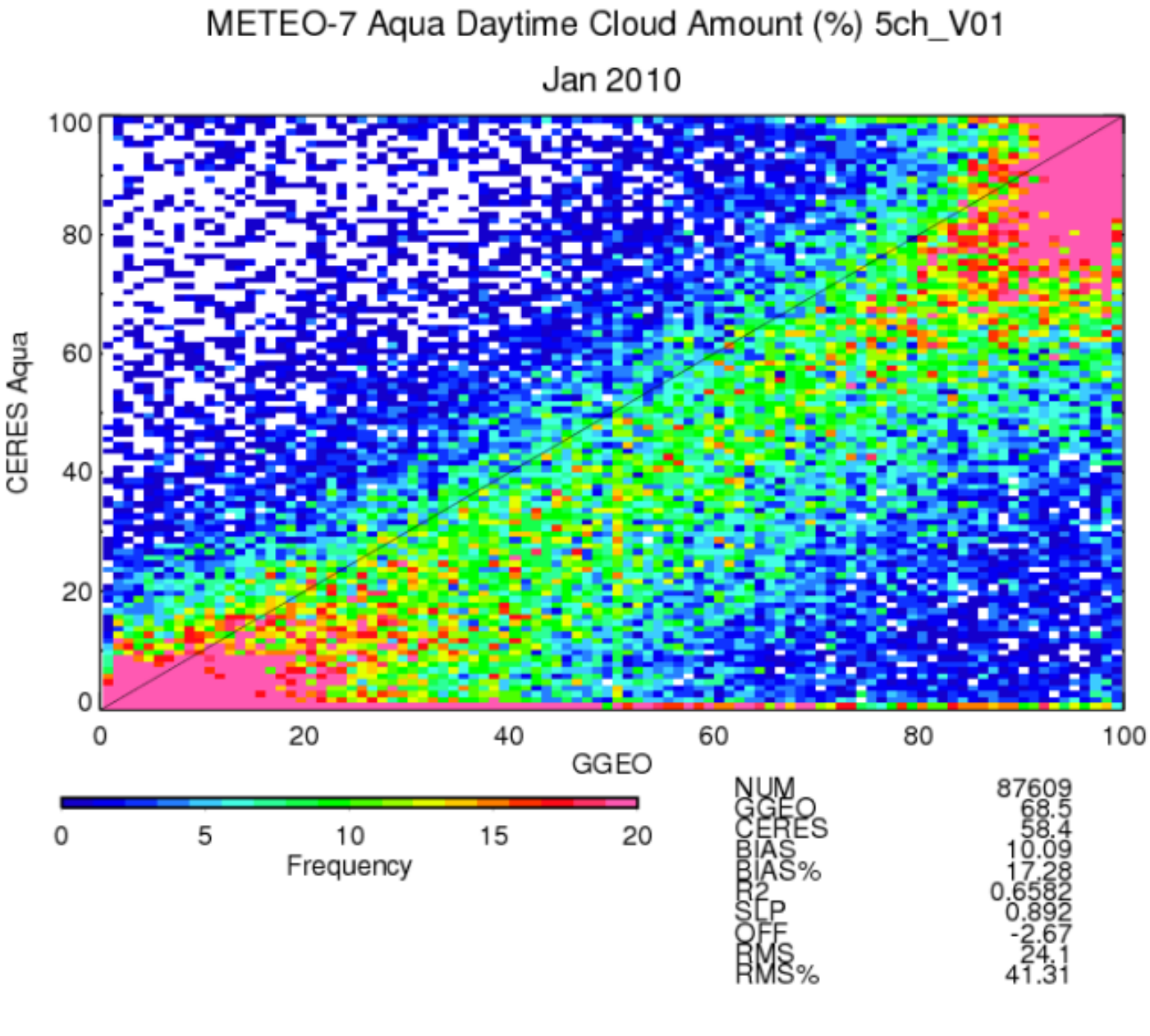
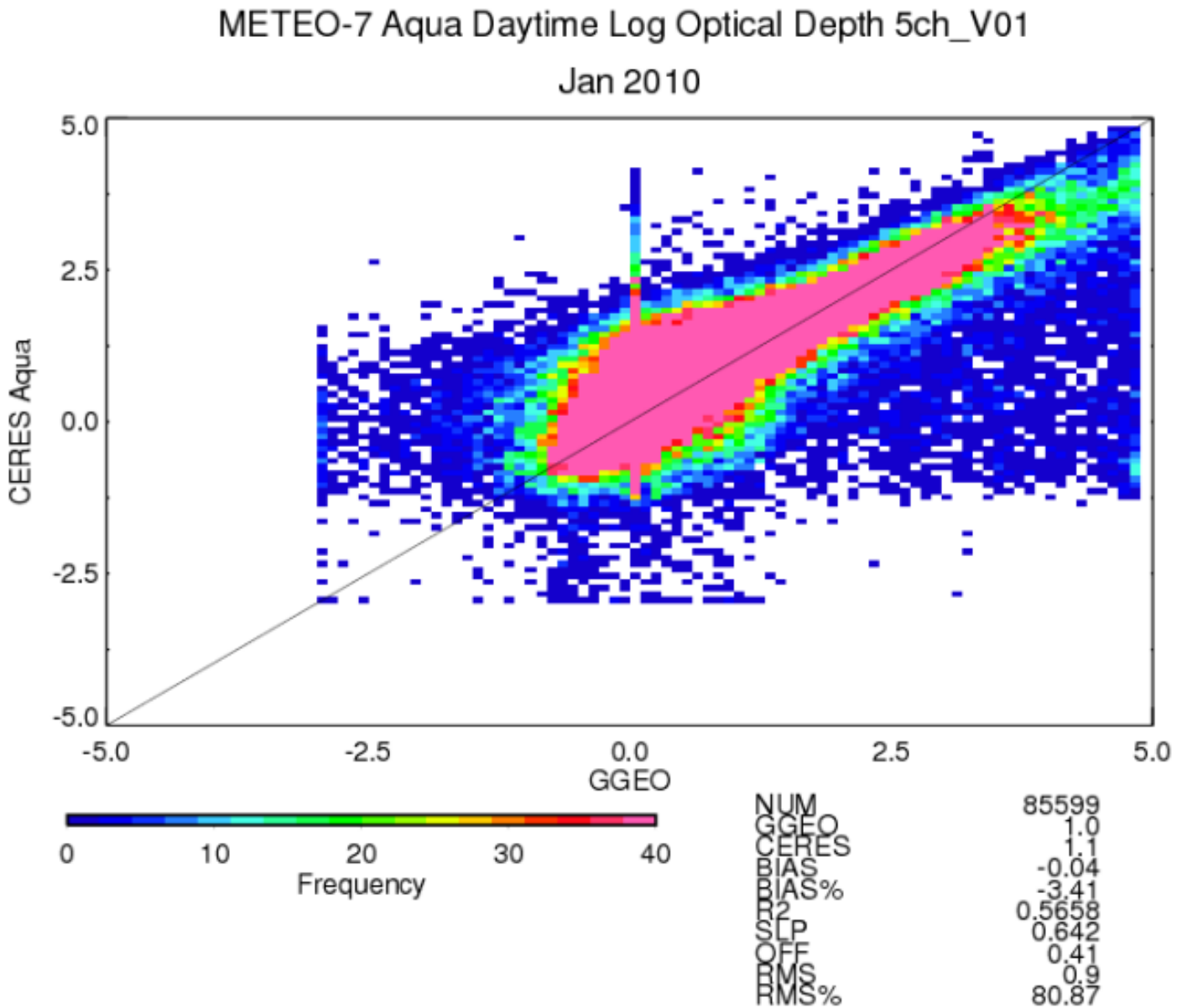
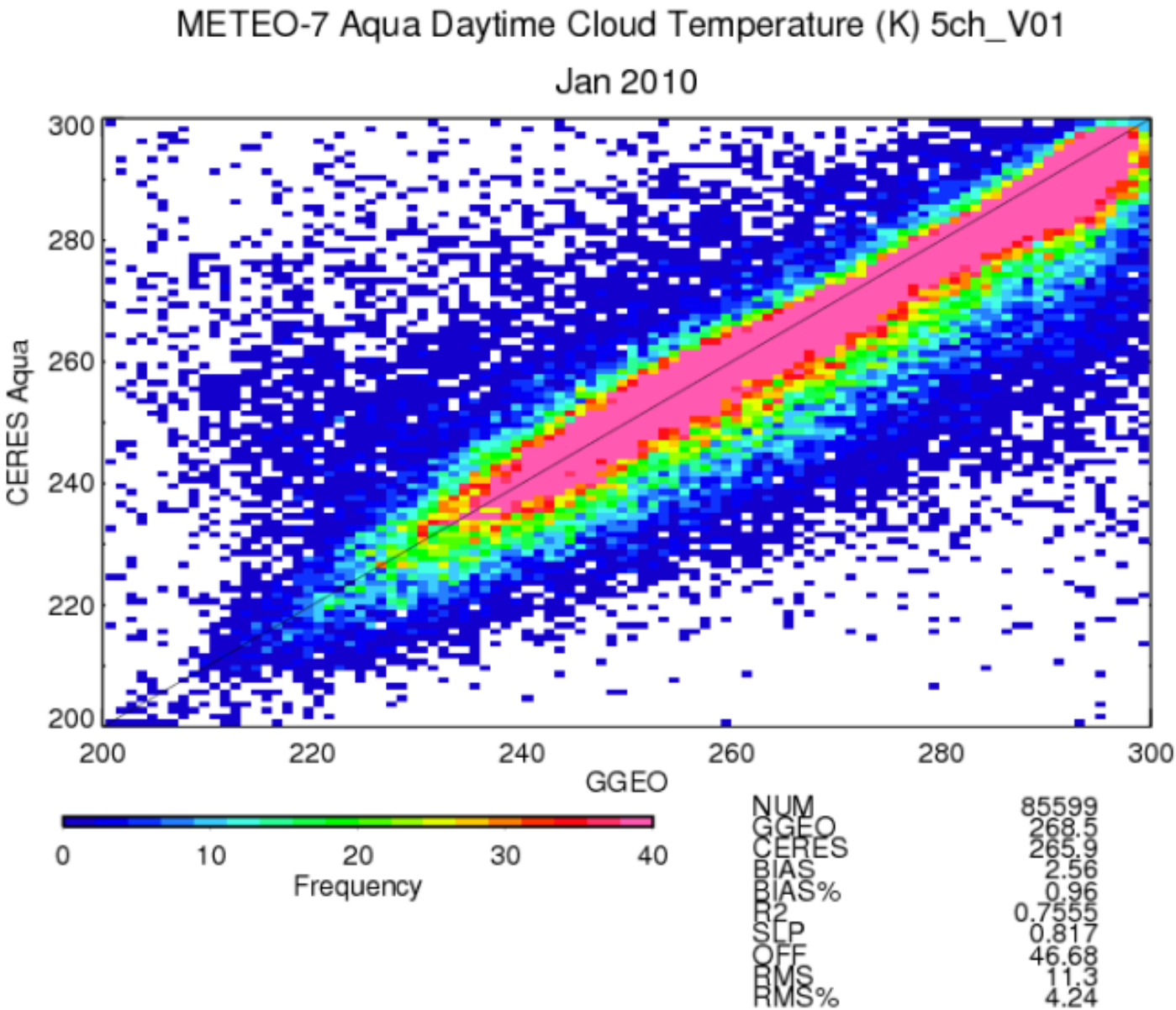
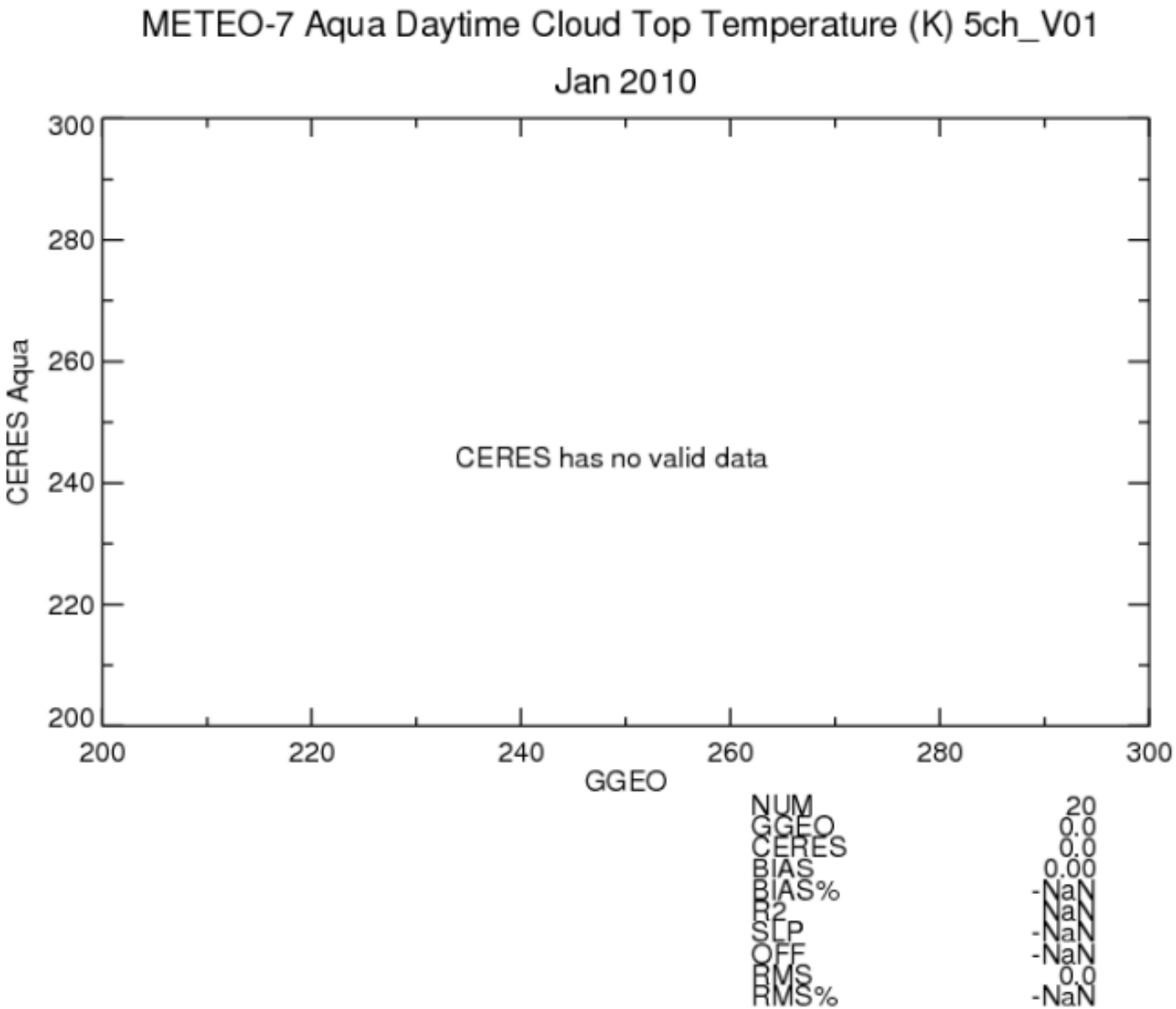
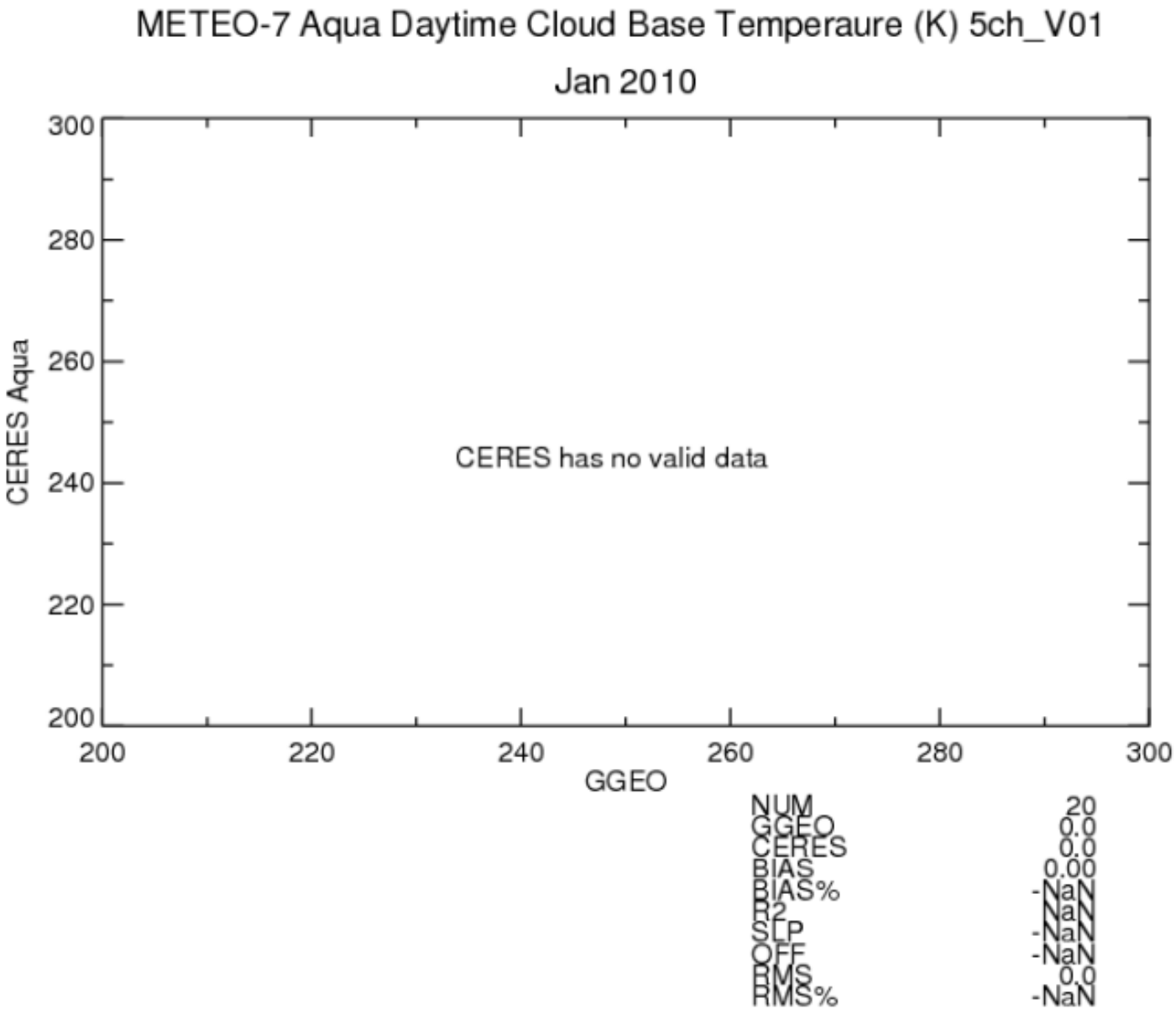
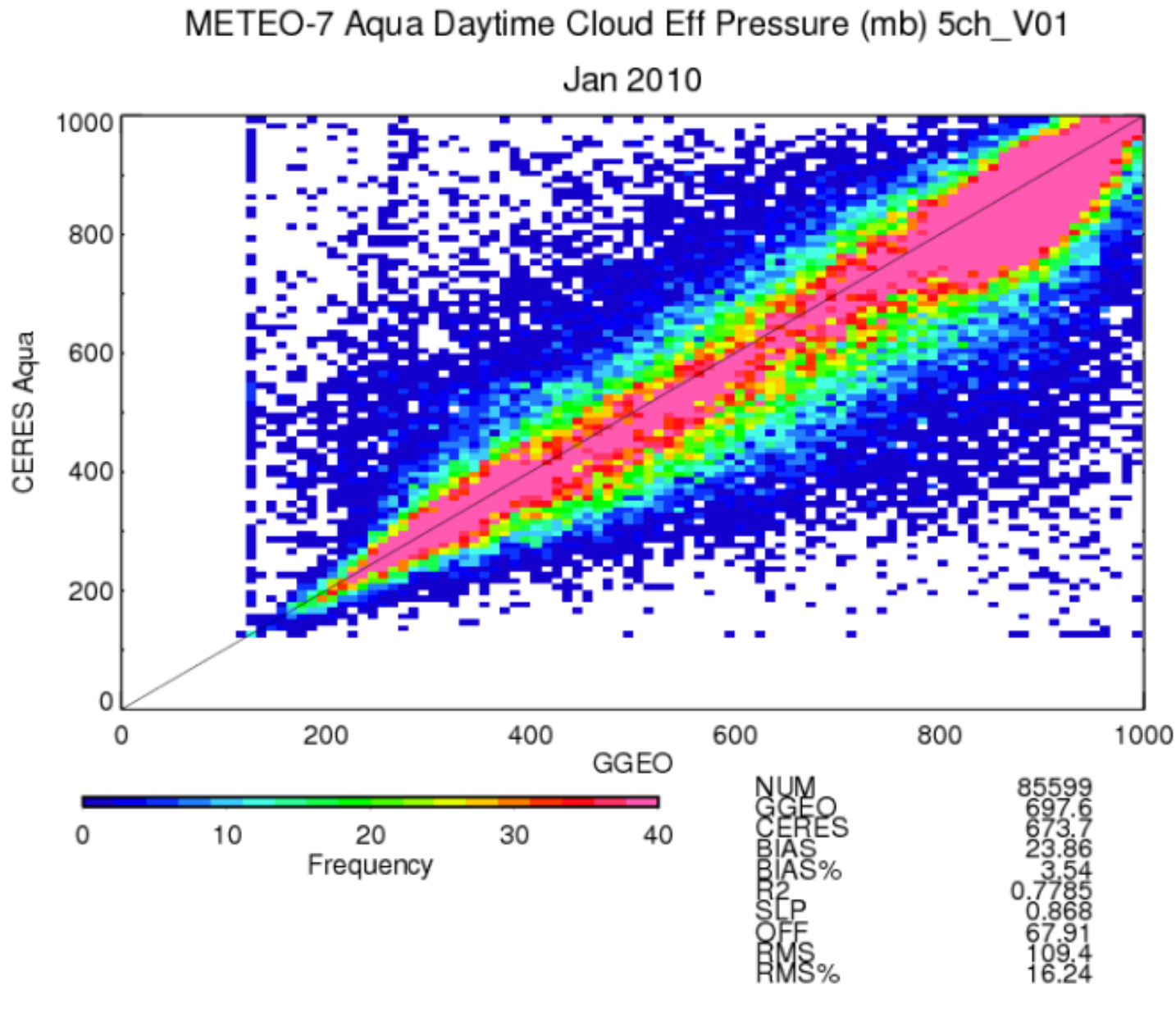

METEO-7 Aqua Daytime Cloud Amount (%) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
20
40
60
80
100
0
5
10
15
20
Frequency
NUM 87609
GGEO 68.5
CERES 58.4
BIAS 10.09
BIAS% 17.28
R2 0.6582
SLP 0.892
OFF -2.67
RMS 24.1
RMS% 41.31

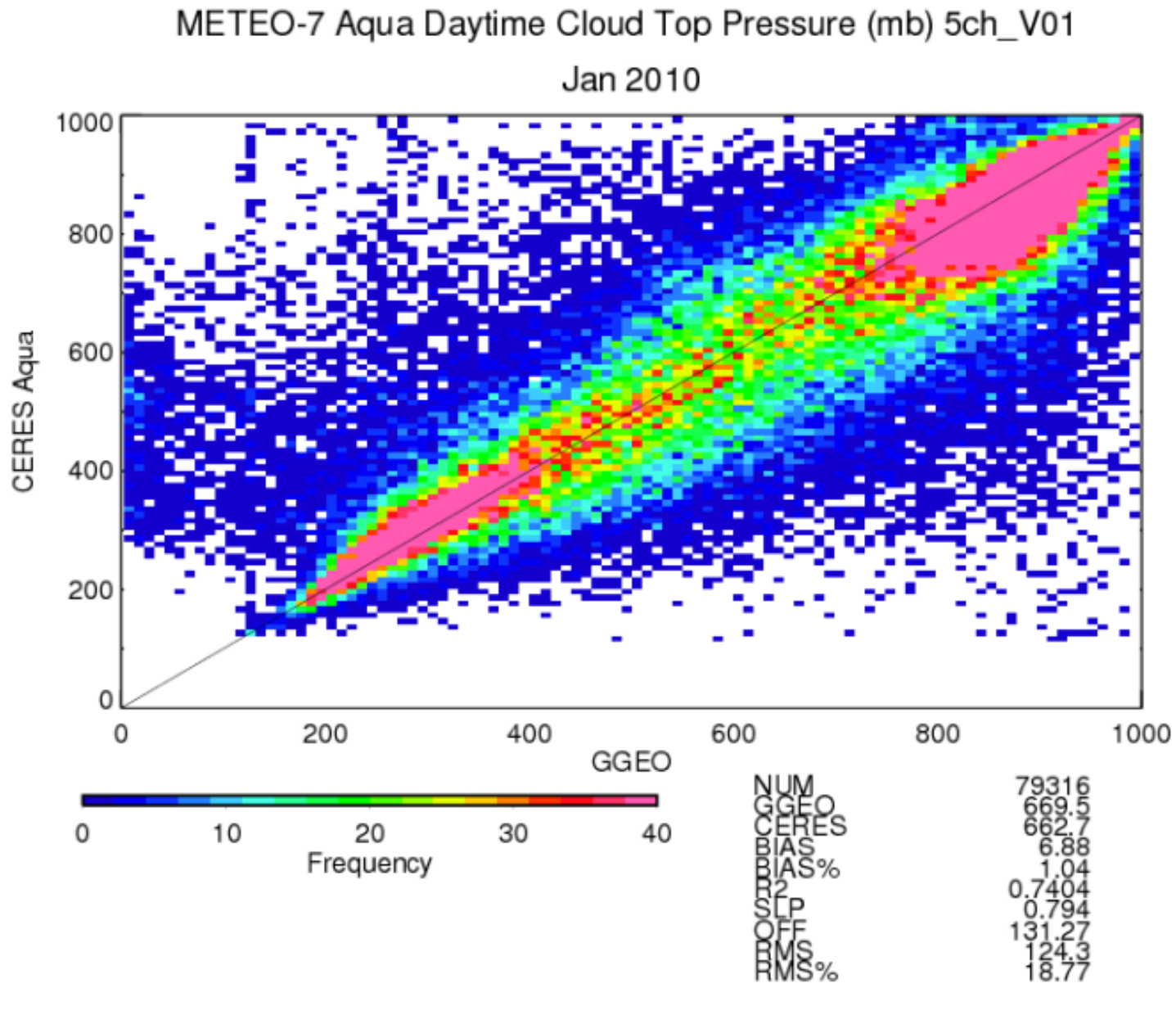

METEO-7 Aqua Daytime Log Optical Depth 5ch_V01
Jan 2010
CERES Aqua
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
GGEO
0
10
20
30
40
Frequency
NUM 85599
GGEO 1.0
CERES 1.1
BIAS -0.04
BIAS% -3.41
R2 0.5658
SLP 0.642
OFF 0.41
RMS 0.9
RMS% 80.87

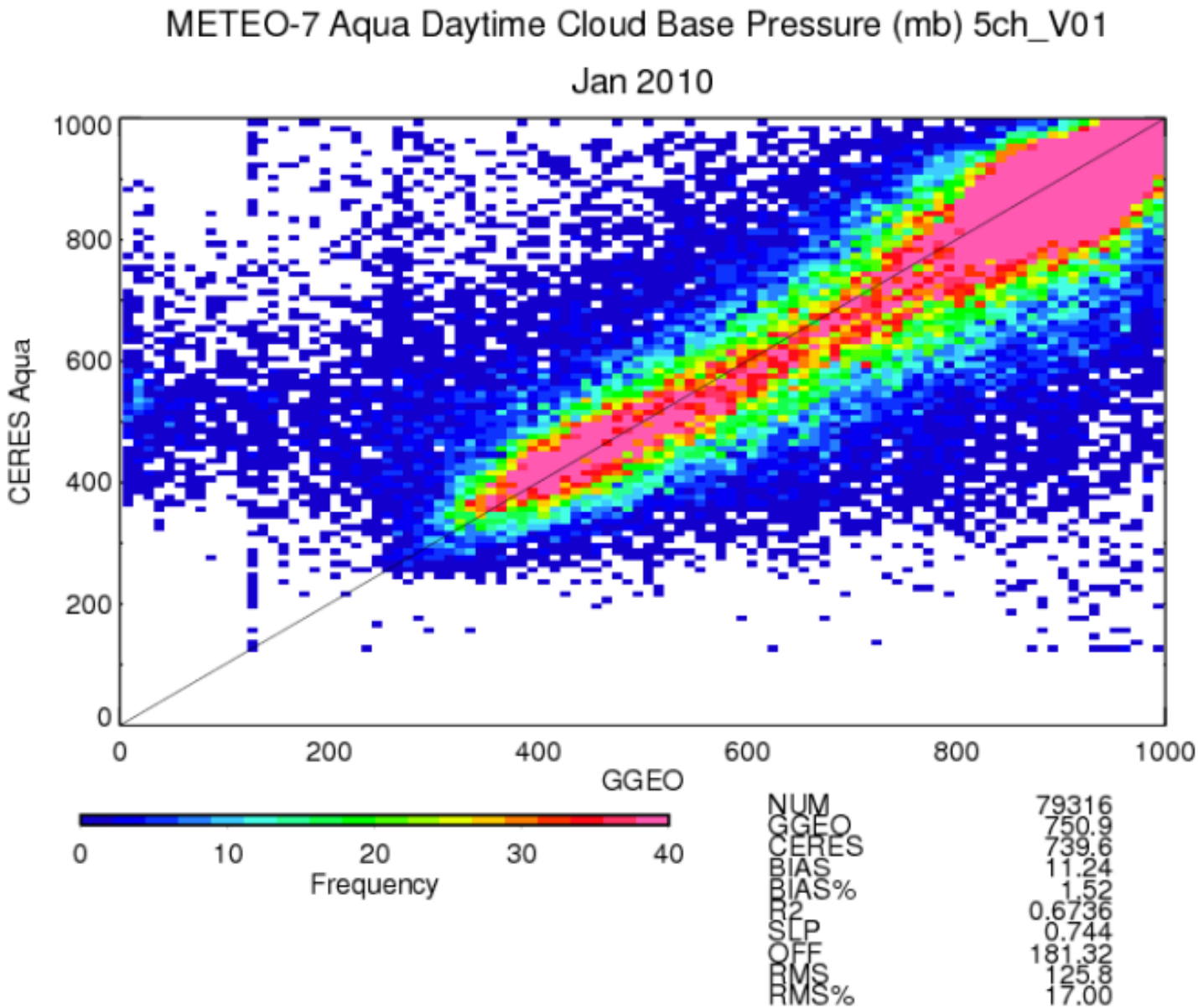

METEO-7 Aqua Daytime Cloud Temperature (K) 5ch_V01
Jan 2010
CERES Aqua
GGEO
Frequency
NUM 85599
GGEO 268.5
CERES 265.9
BIAS 2.56
BIAS% 0.96
R2 0.7555
SLP 0.817
OFF 46.68
RMS 11.3
RMS% 4.24

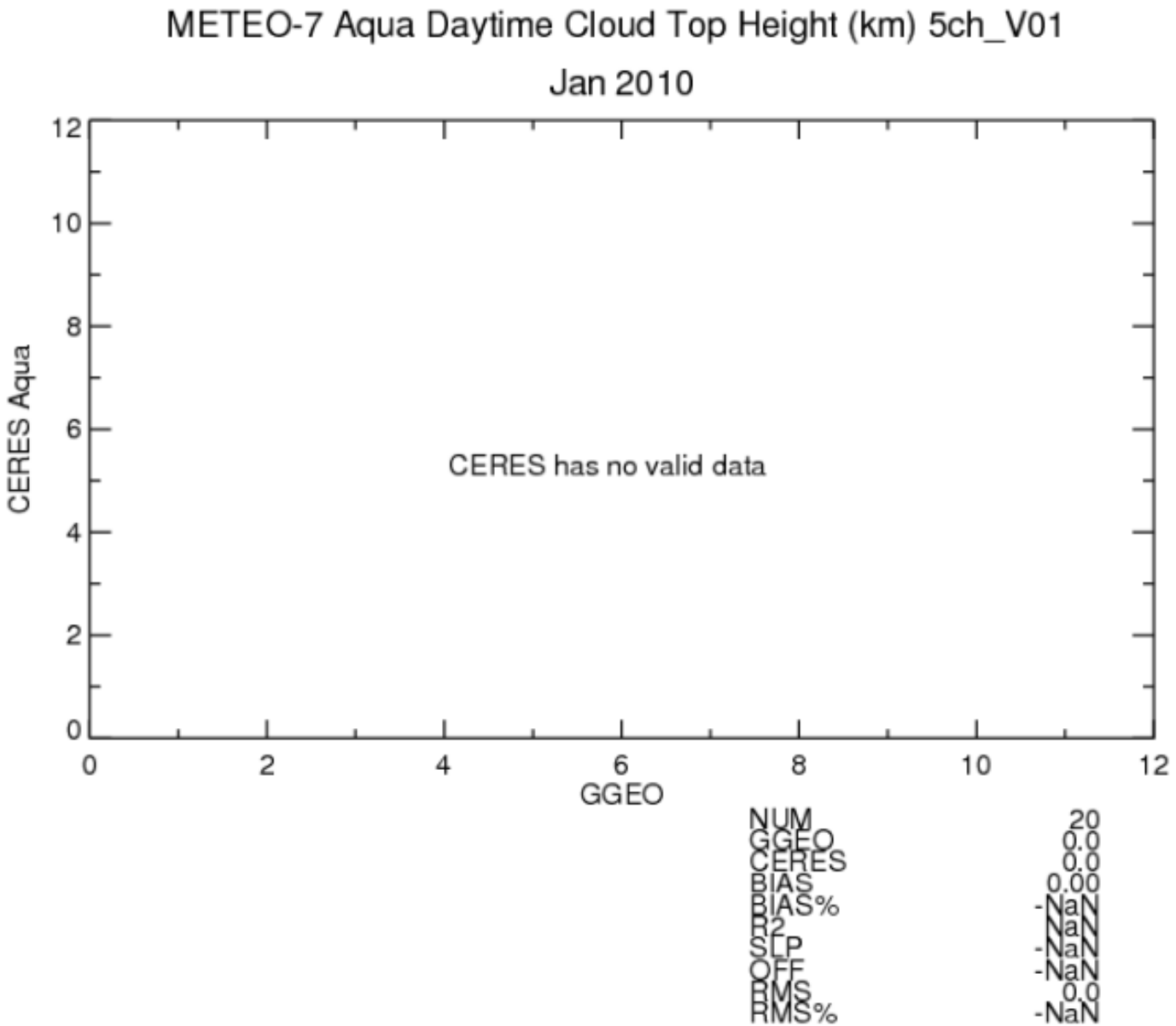

METEO-7 Aqua Daytime Cloud Top Temperature (K) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
300
280
260
240
220
200
200
220
240
260
280
300
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

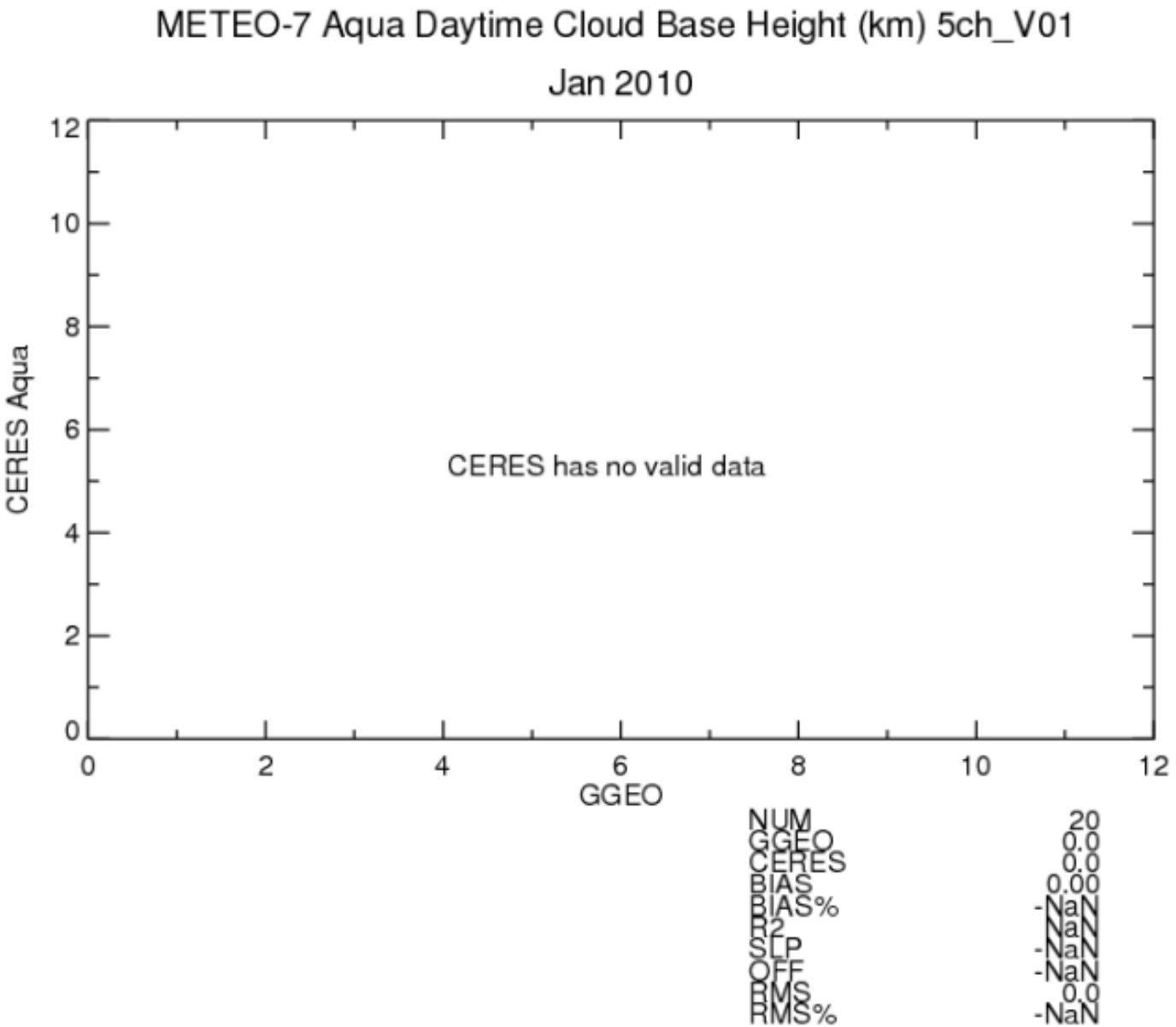

METEO-7 Aqua Daytime Cloud Base Temperaure (K) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
300
280
260
240
220
200
200
220
240
260
280
300
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

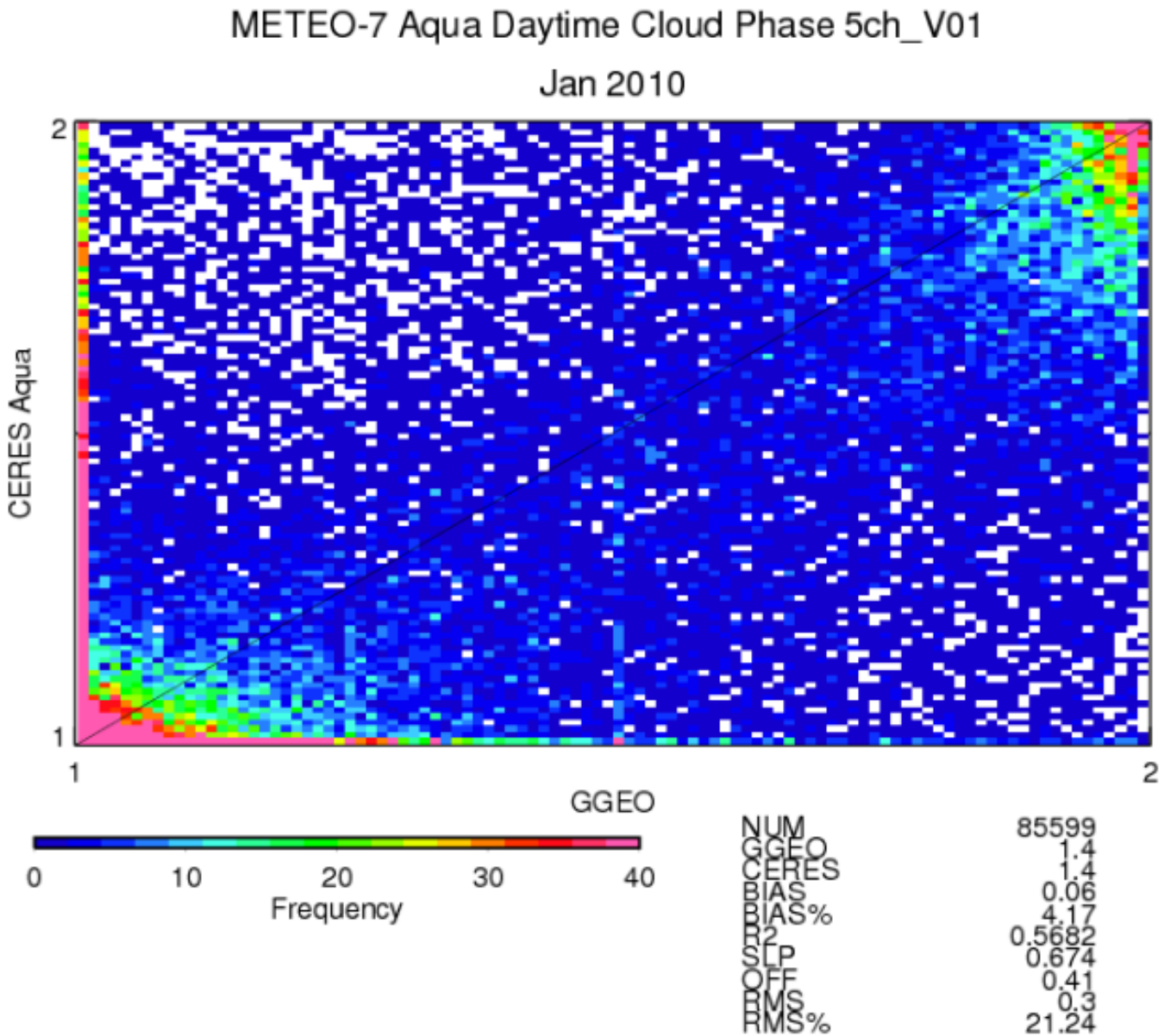

METEO-7 Aqua Daytime Cloud Eff Pressure (mb) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 85599
GGEO 697.6
CERES 673.7
BIAS 23.86
BIAS% 3.54
R2 0.7785
SLP 0.868
OFF 67.91
RMS 109.4
RMS% 16.24

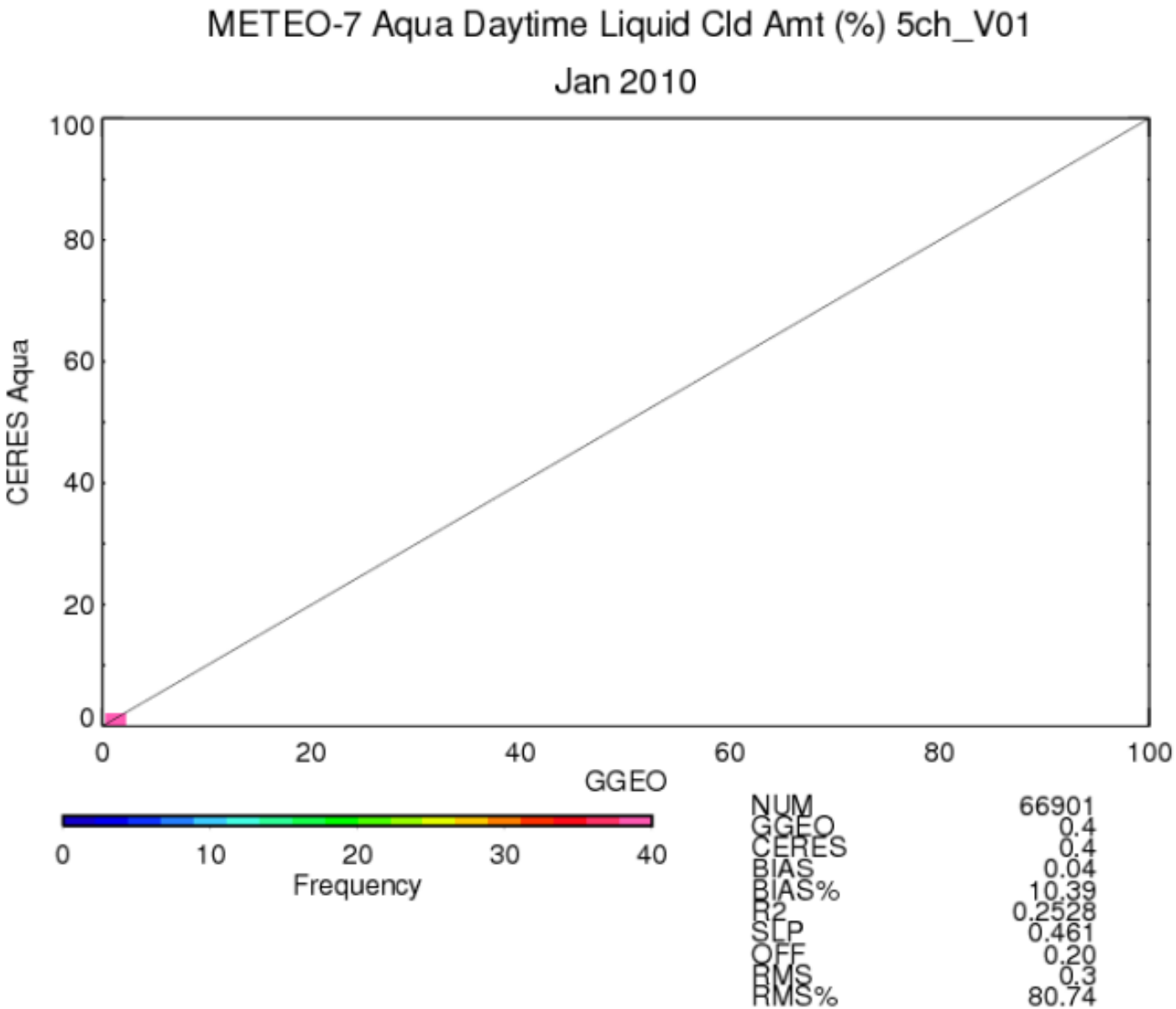

METEO-7 Aqua Daytime Cloud Top Pressure (mb) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 79316
GGEO 669.5
CERES 662.7
BIAS 6.88
BIAS% 1.04
R2 0.7404
SLP 0.794
OFF 131.27
RMS 124.3
RMS% 18.77

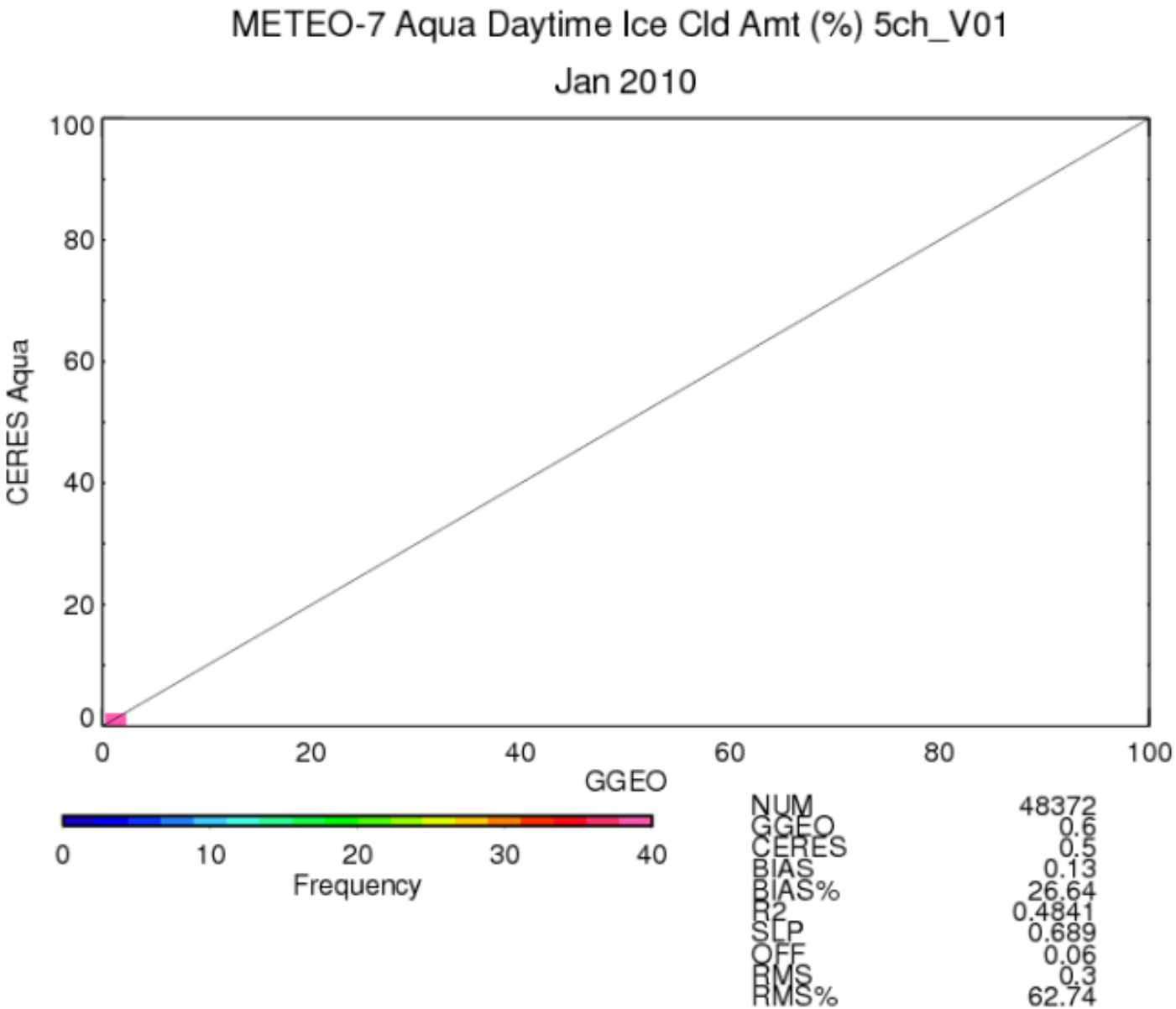

METEO-7 Aqua Daytime Cloud Base Pressure (mb) 5ch_V01
Jan 2010
CERES Aqua
GGEO
Frequency
NUM 79316
GGEO 750.9
CERES 739.6
BIAS 11.24
BIAS% 1.52
R2 0.6736
SLP 0.744
OFF 181.32
RMS 125.8
RMS% 17.00

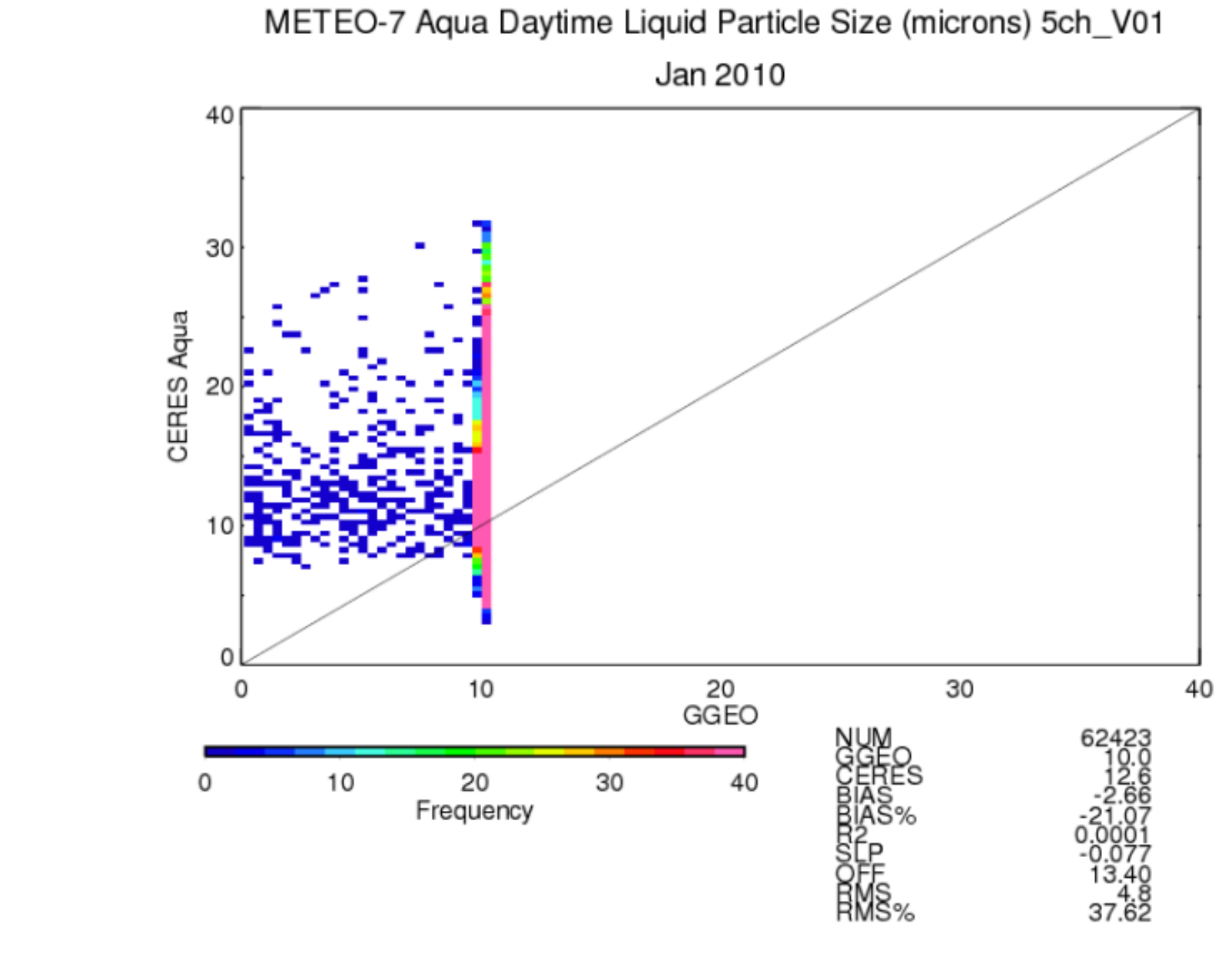

METEO-7 Aqua Daytime Cloud Top Height (km) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

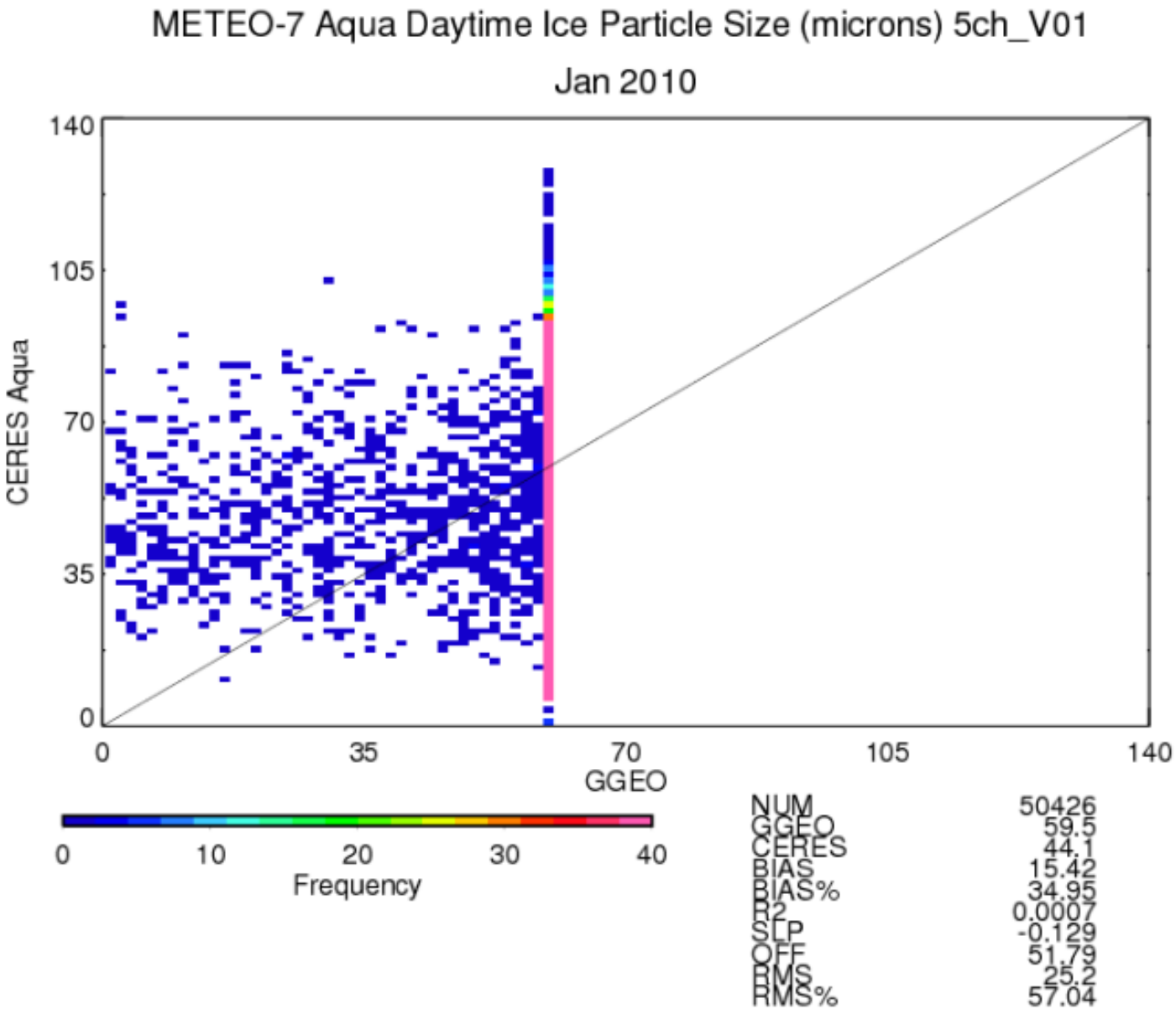

METEO-7 Aqua Daytime Cloud Base Height (km) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

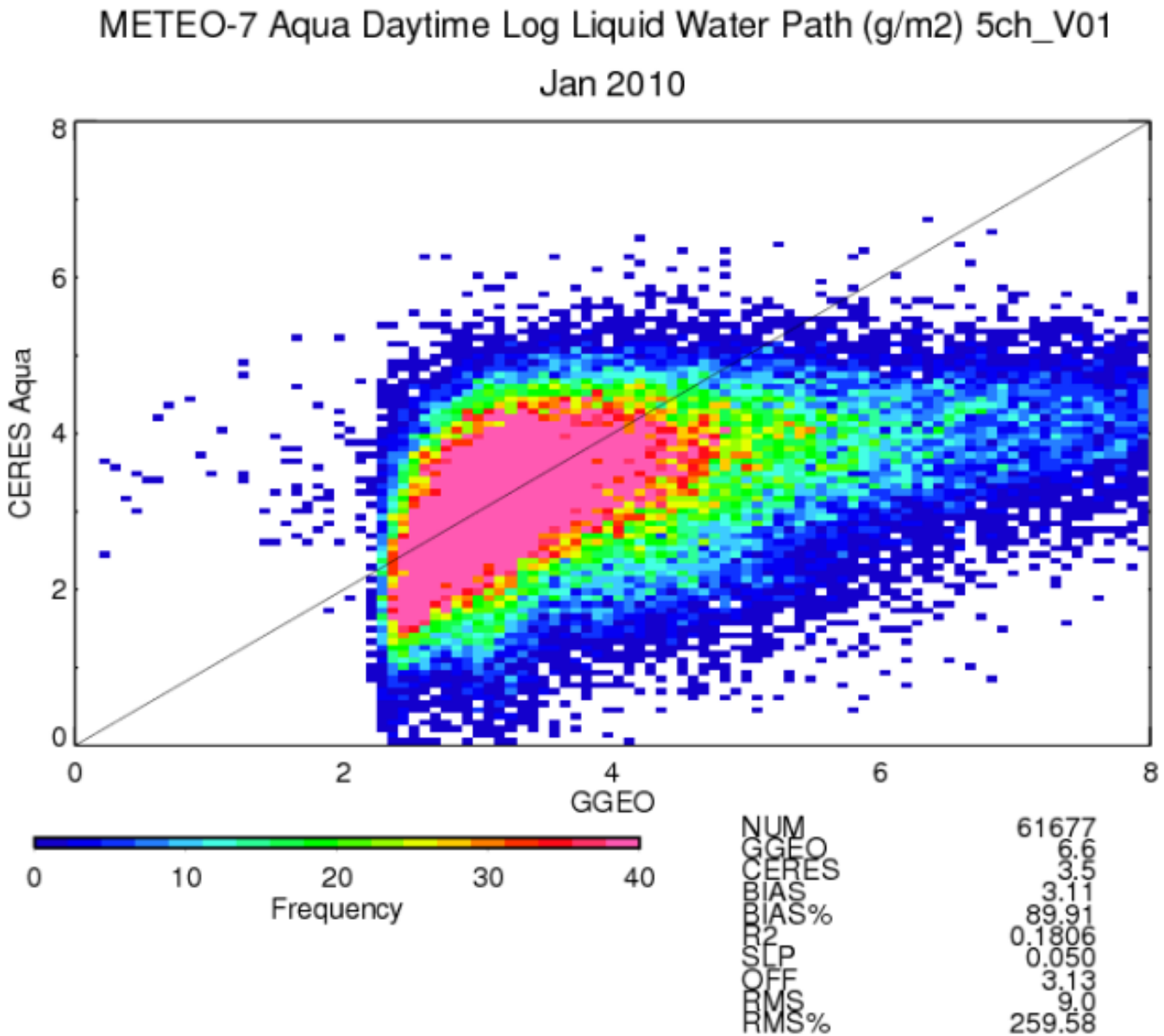

METEO-7 Aqua Daytime Cloud Phase 5ch_V01
Jan 2010
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 85599
GGEO 1.4
CERES 1.4
BIAS 0.06
BIAS% 4.17
R2 0.5682
SLP 0.674
OFF 0.41
RMS 0.3
RMS% 21.24

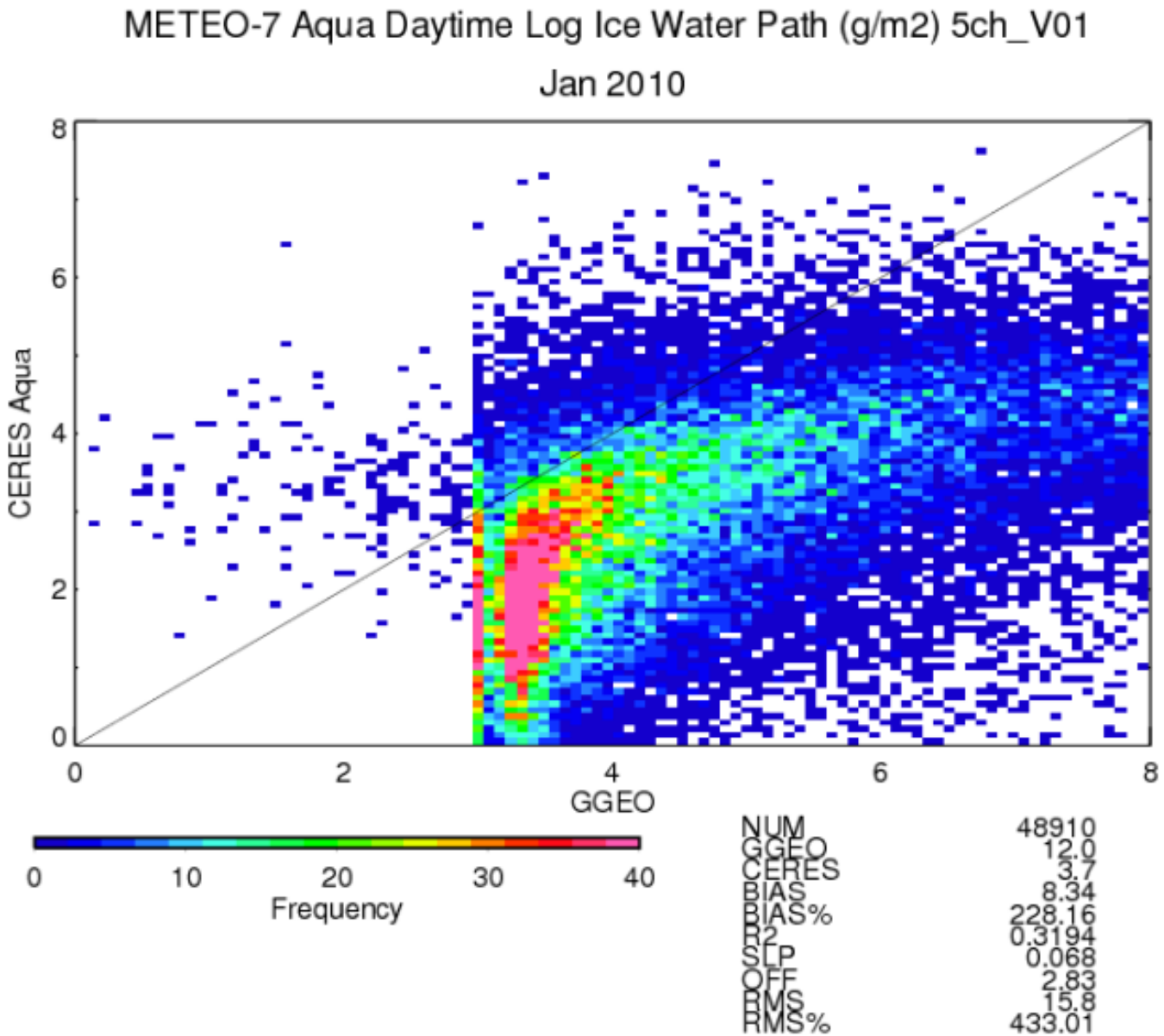

METEO-7 Aqua Daytime Liquid Cld Amt (%) 5ch_V01
Jan 2010
CERES Aqua
GGEO
Frequency
0
10
20
30
40
0
20
40
60
80
100
NUM 66901
GGEO 0.4
CERES 0.4
BIAS 0.04
BIAS% 10.39
R2 0.2528
SLP 0.461
OFF 0.20
RMS 0.3
RMS% 80.74

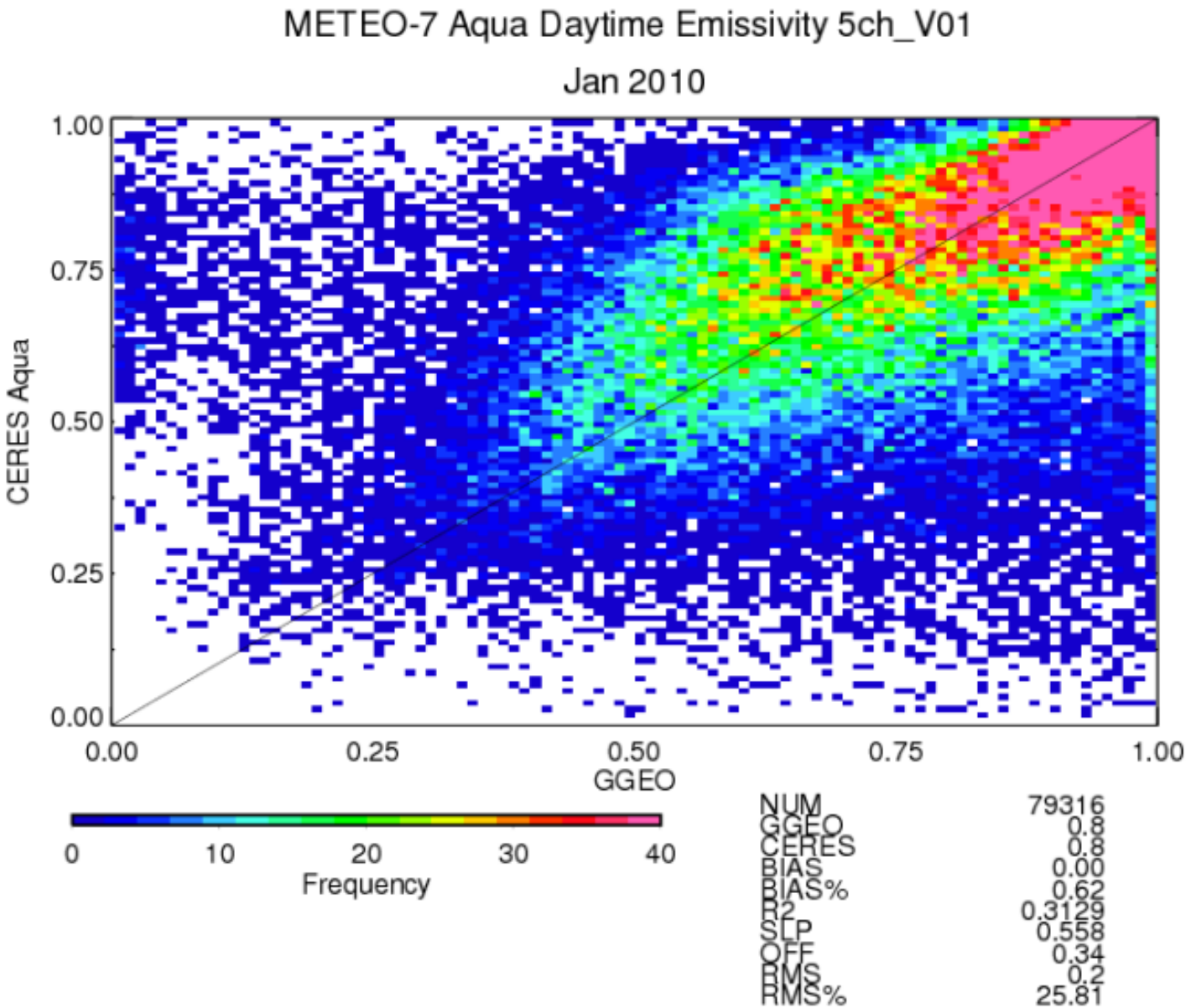

METEO-7 Aqua Daytime Ice Cld Amt (%) 5ch_V01
Jan 2010
CERES Aqua
100
80
60
40
20
0
0
20
40
60
80
100
GGEO
0
10
20
30
40
Frequency
NUM 48372
GGEO 0.6
CERES 0.5
BIAS 0.13
BIAS% 26.64
R2 0.4841
SLP 0.689
OFF 0.06
RMS 0.3
RMS% 62.74

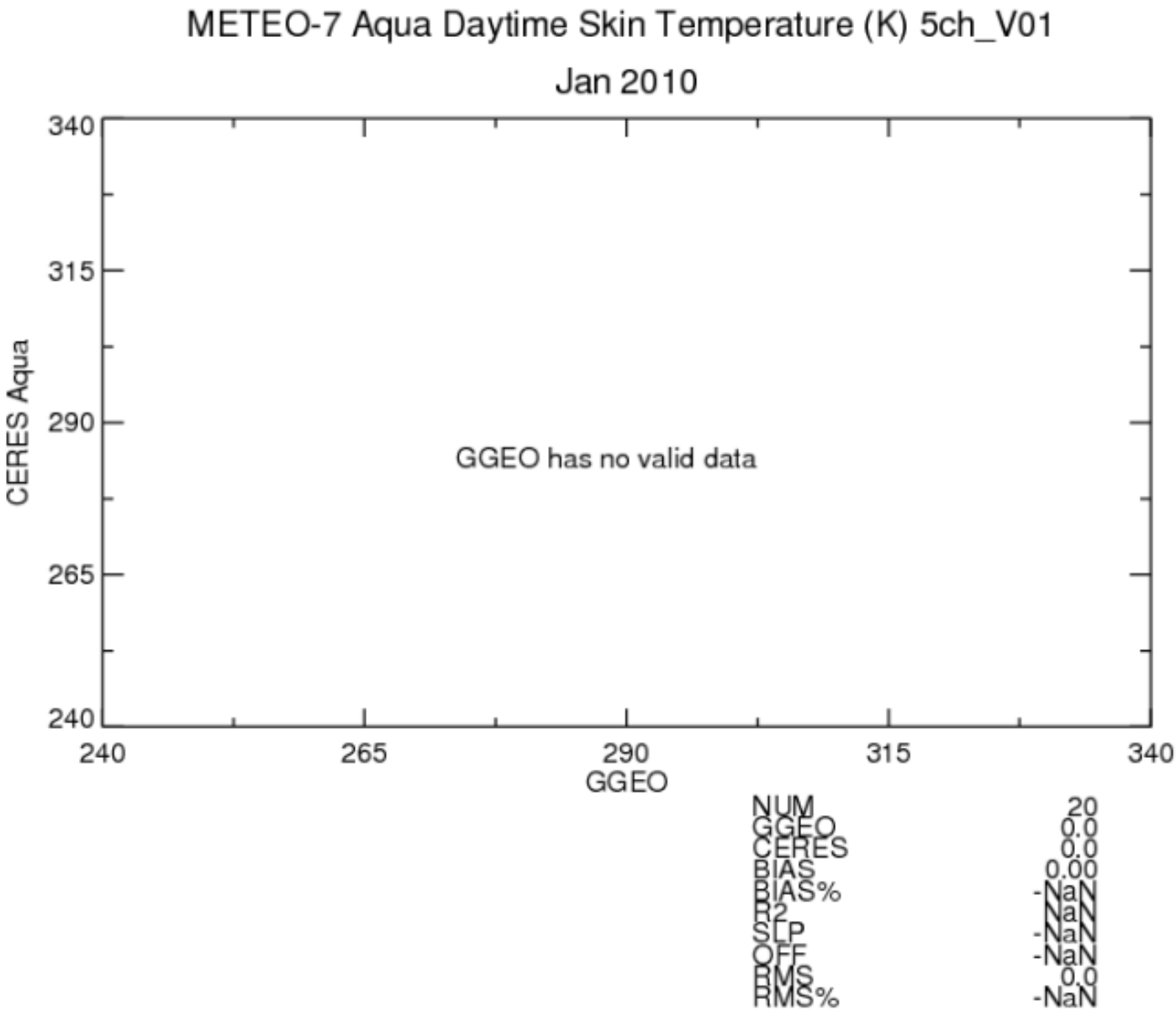

METEO-7 Aqua Daytime Liquid Particle Size (microns) 5ch_V01
Jan 2010
CERES Aqua
GGEO
Frequency
0
10
20
30
40
NUM 62423
GGEO 10.0
CERES 12.6
BIAS -2.66
BIAS% -21.07
R2 0.0001
SLP -0.077
OFF 13.40
RMS 4.8
RMS% 37.62

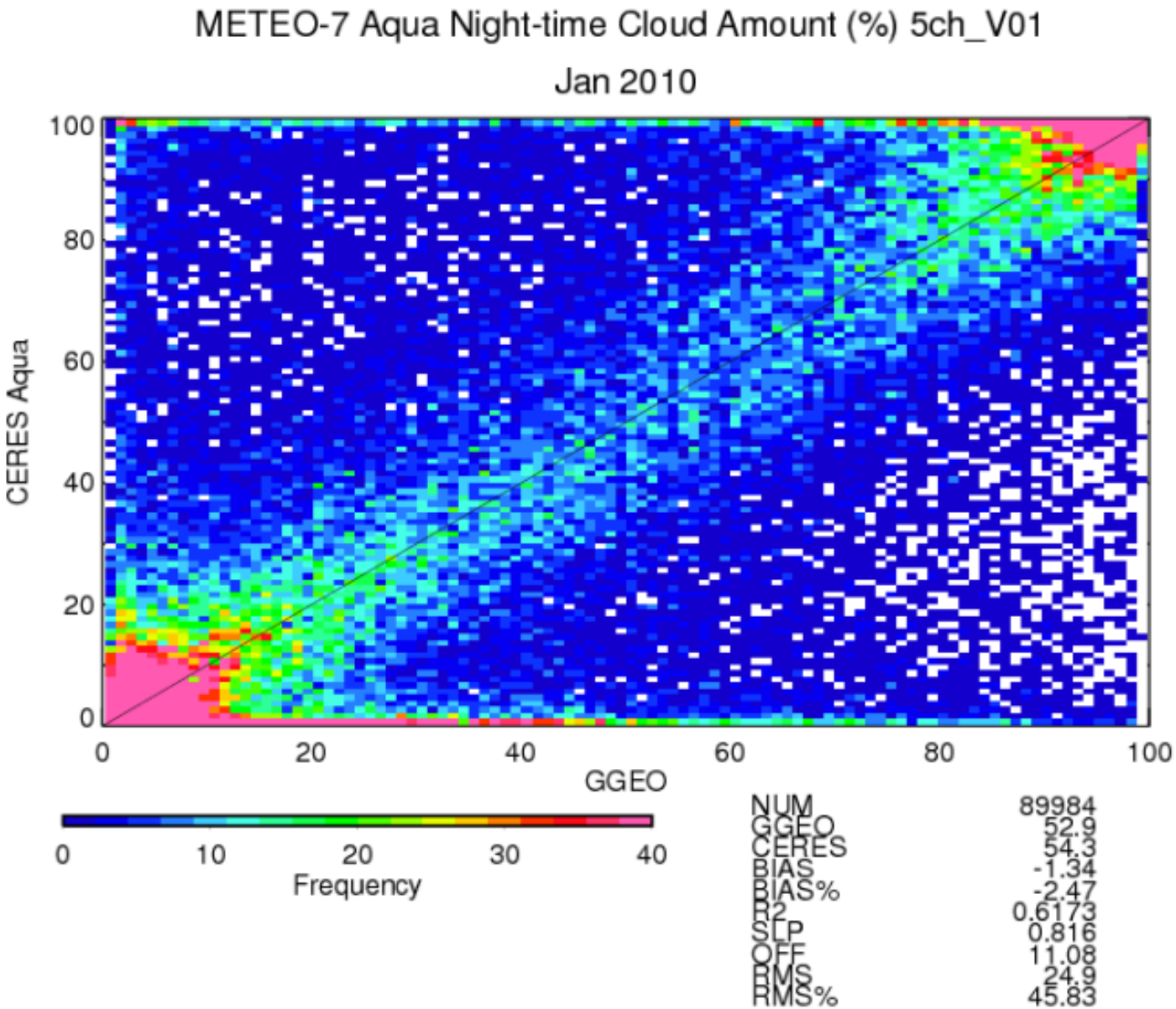

METEO-7 Aqua Daytime Ice Particle Size (microns) 5ch_V01
Jan 2010
CERES Aqua
GGEO
Frequency
0
35
70
105
140
0
10
20
30
40
NUM 50426
GGEO 59.5
CERES 44.1
BIAS 15.42
BIAS% 34.95
R2 0.0007
SLP -0.129
OFF 51.79
RMS 25.2
RMS% 57.04

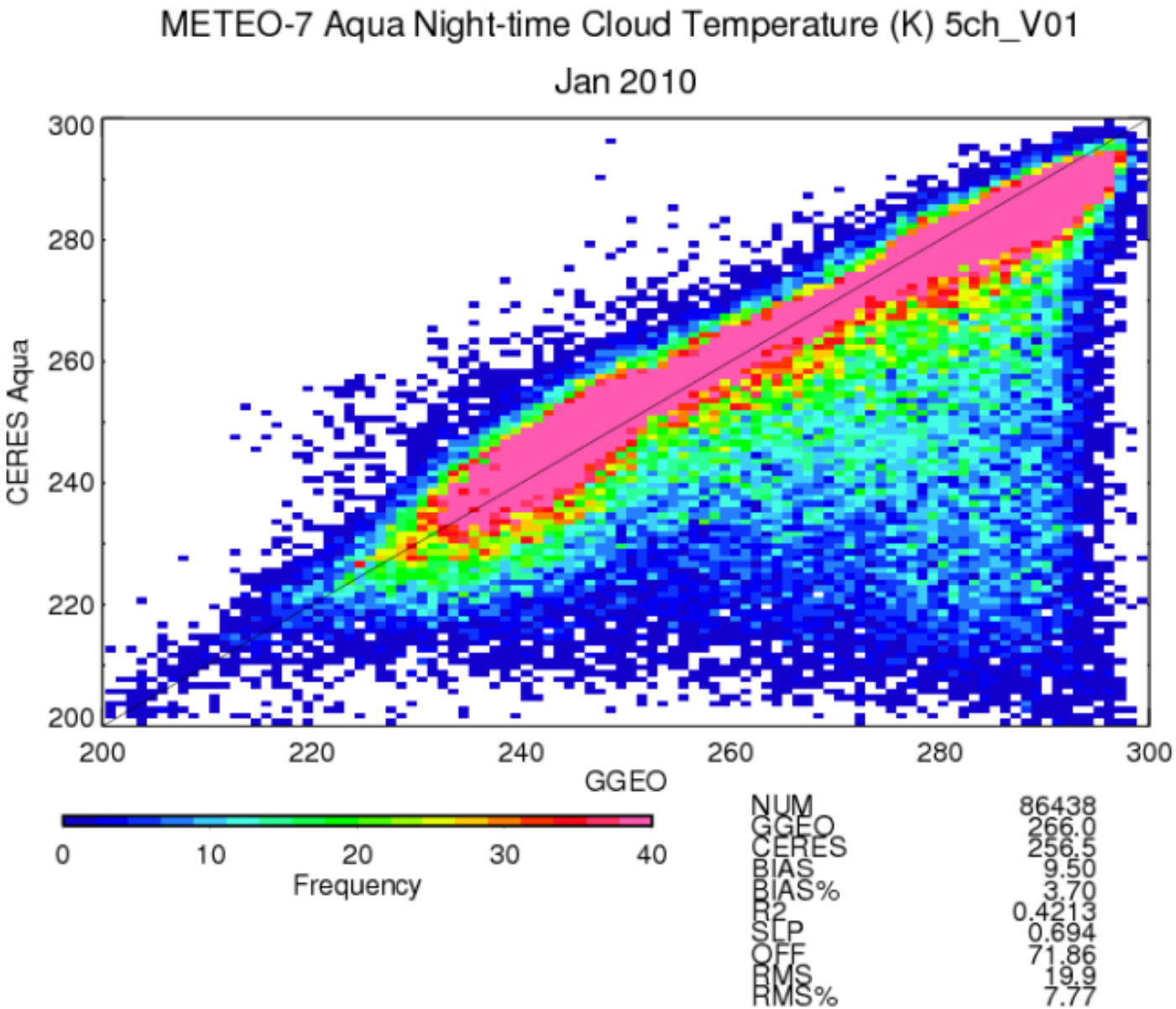

METEO-7 Aqua Daytime Log Liquid Water Path (g/m2) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
2
4
6
8
Frequency
0
10
20
30
40
NUM 61677
GGEO 6.6
CERES 3.5
BIAS 3.11
BIAS% 89.91
R2 0.1806
SLP 0.050
OFF 3.13
RMS 9.0
RMS% 259.58

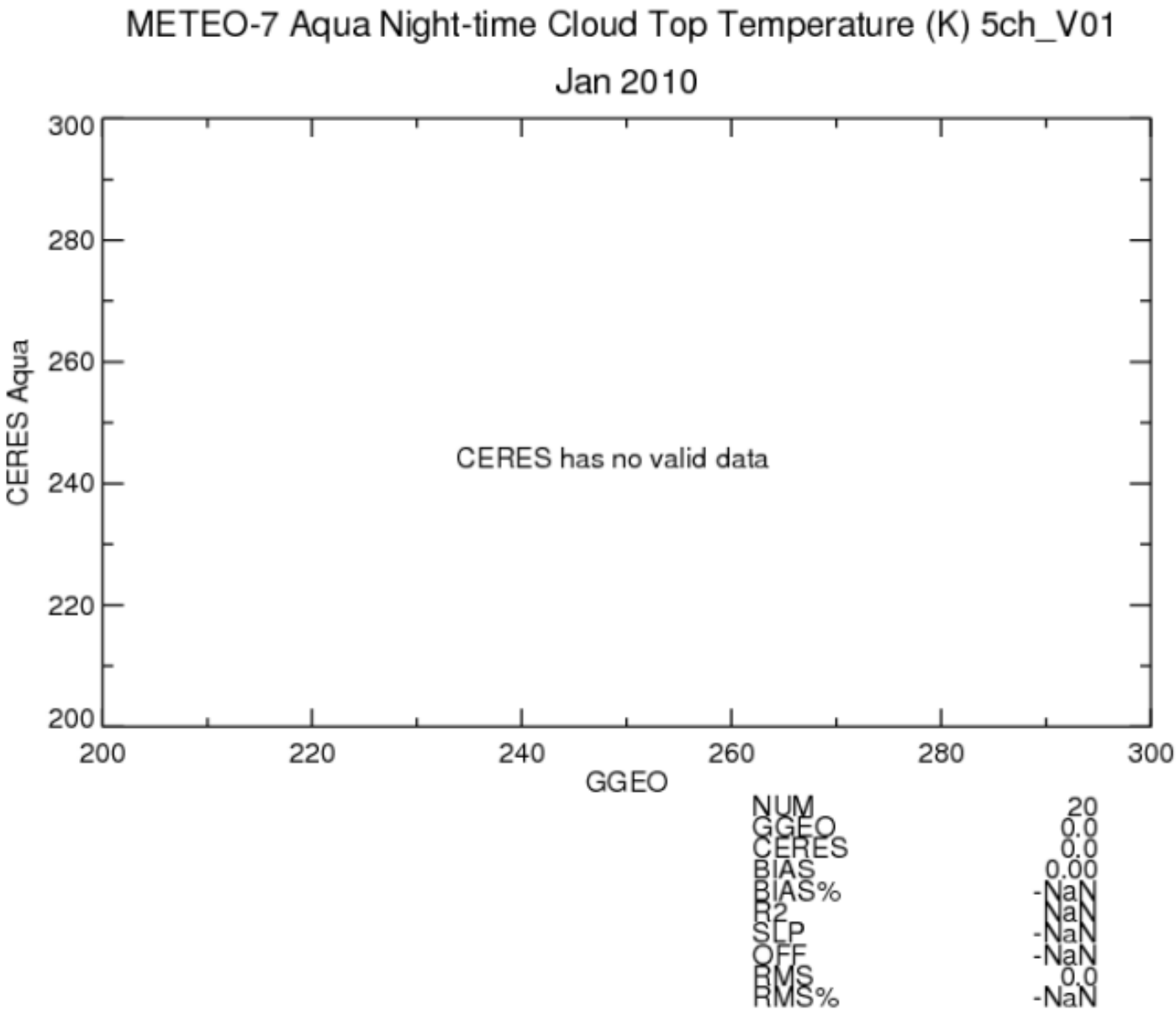

METEO-7 Aqua Daytime Log Ice Water Path (g/m2) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 48910
GGEO 12.0
CERES 3.7
BIAS 8.34
BIAS% 228.16
R2 0.3194
SLP 0.068
OFF 2.83
RMS 15.8
RMS% 433.01

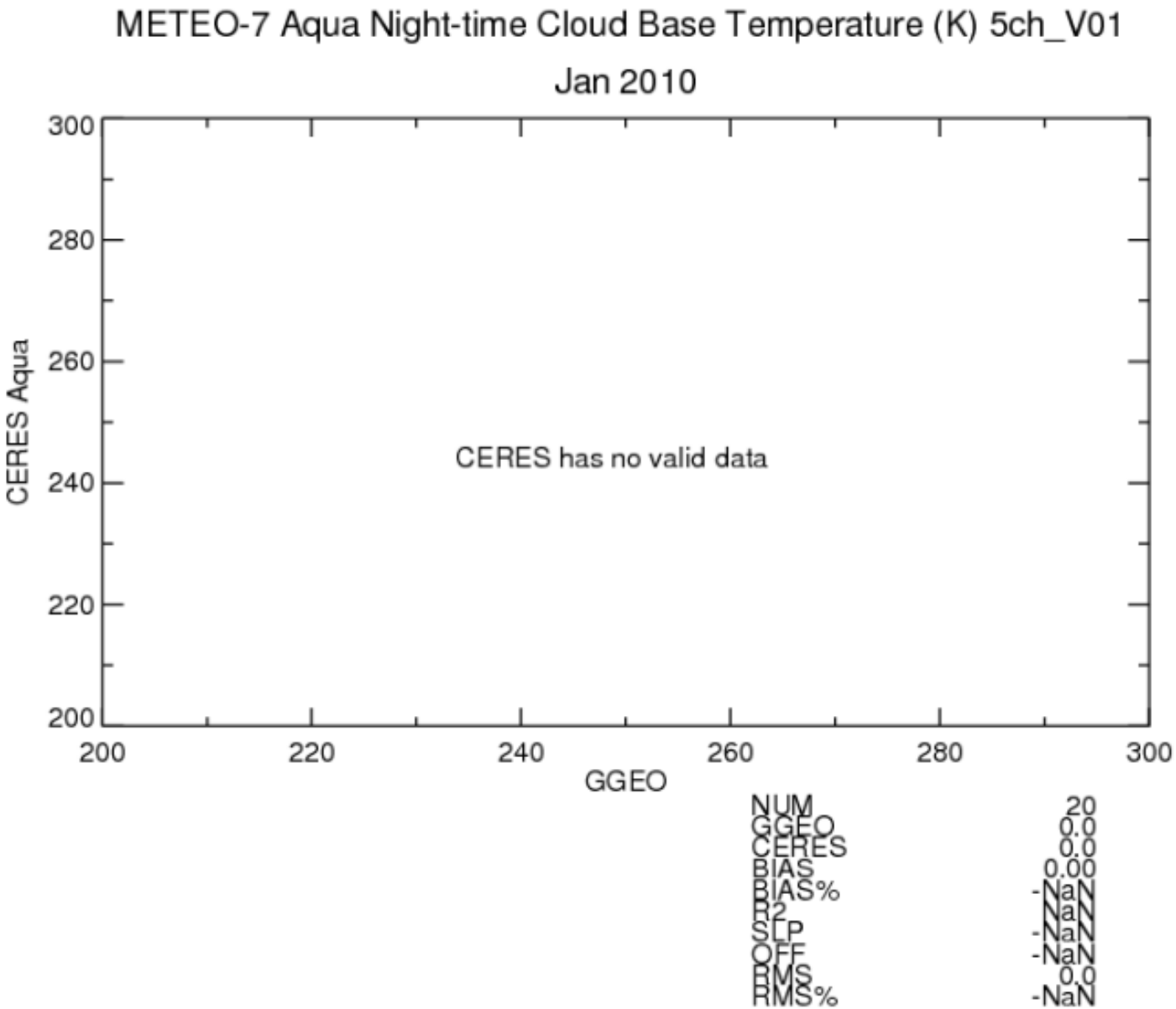

METEO-7 Aqua Daytime Emissivity 5ch_V01
Jan 2010
CERES Aqua
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
GGEO
0
10
20
30
40
Frequency
NUM 79316
GGEO 0.8
CERES 0.8
BIAS 0.00
BIAS% 0.62
R2 0.3129
SLP 0.558
OFF 0.34
RMS 0.2
RMS% 25.81

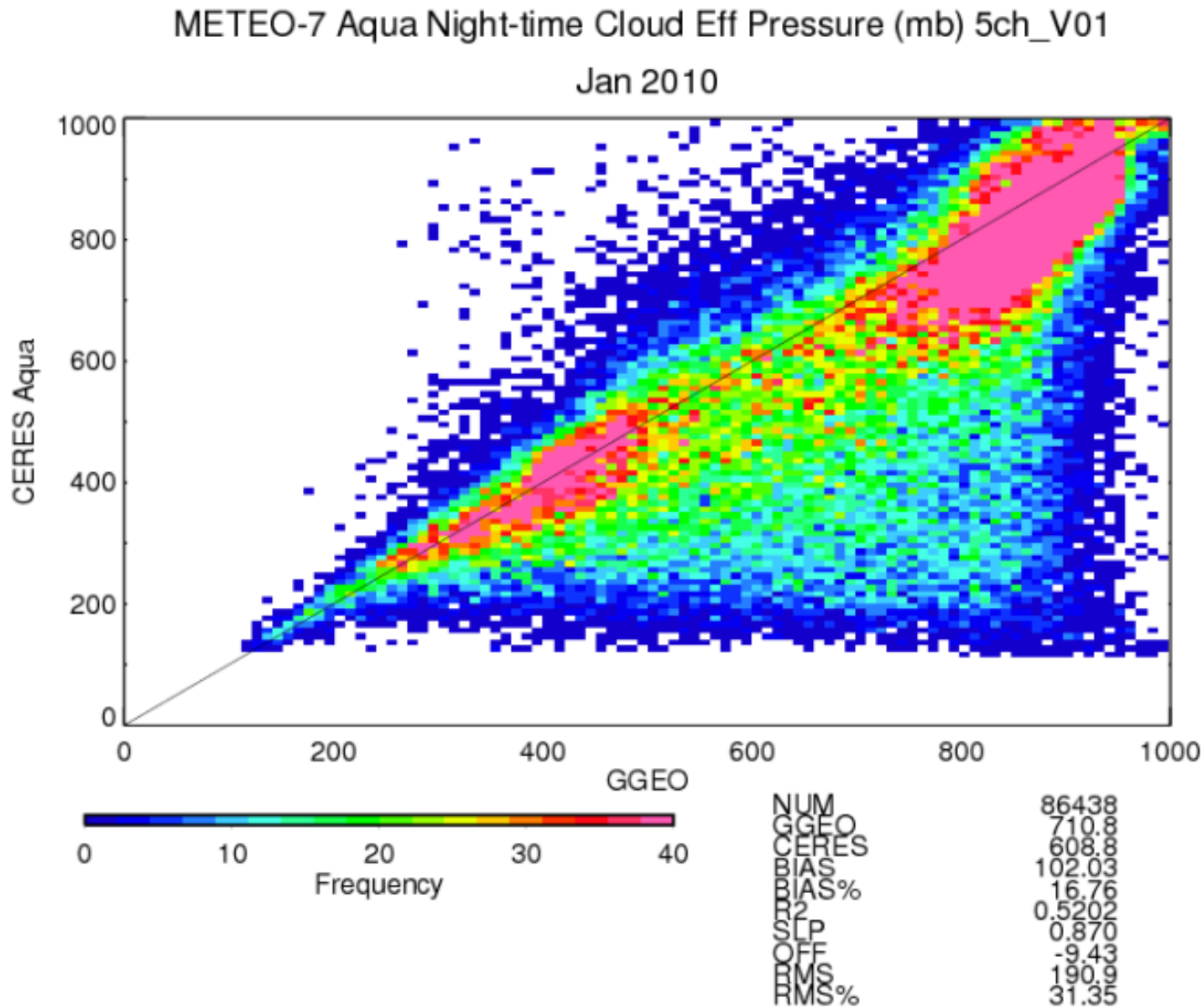

METEO-7 Aqua Daytime Skin Temperature (K) 5ch_V01
Jan 2010
340
315
290
265
240
CERES Aqua
GGEO has no valid data
240
265
290
315
340
GGEO
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

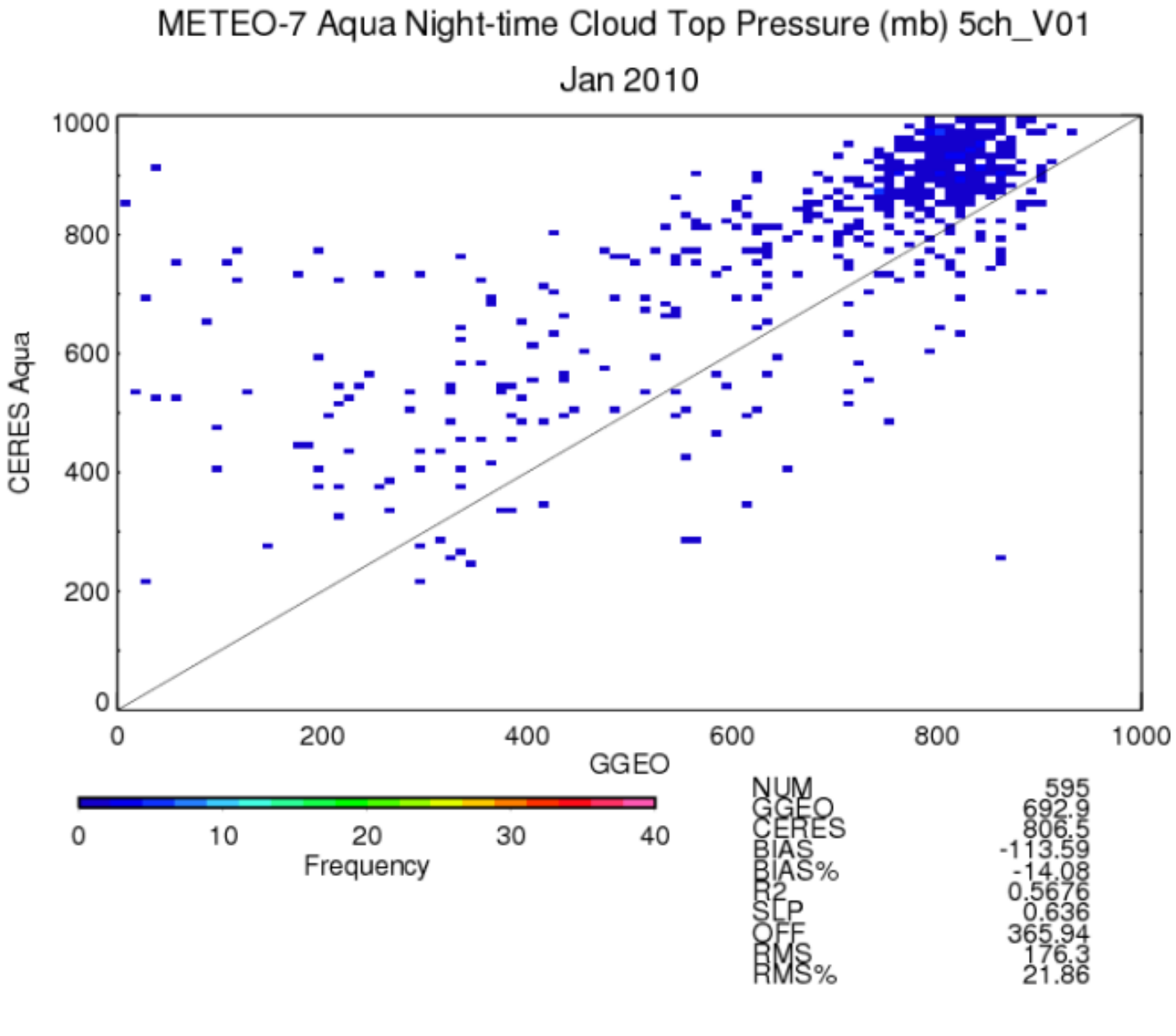

METEO-7 Aqua Night-time Cloud Amount (%) 5ch_V01
Jan 2010
CERES Aqua
GGEO
Frequency
NUM 89984
GGEO 52.9
CERES 54.3
BIAS -1.34
BIAS% -2.47
R2 0.6173
SLP 0.816
OFF 11.08
RMS 24.9
RMS% 45.83

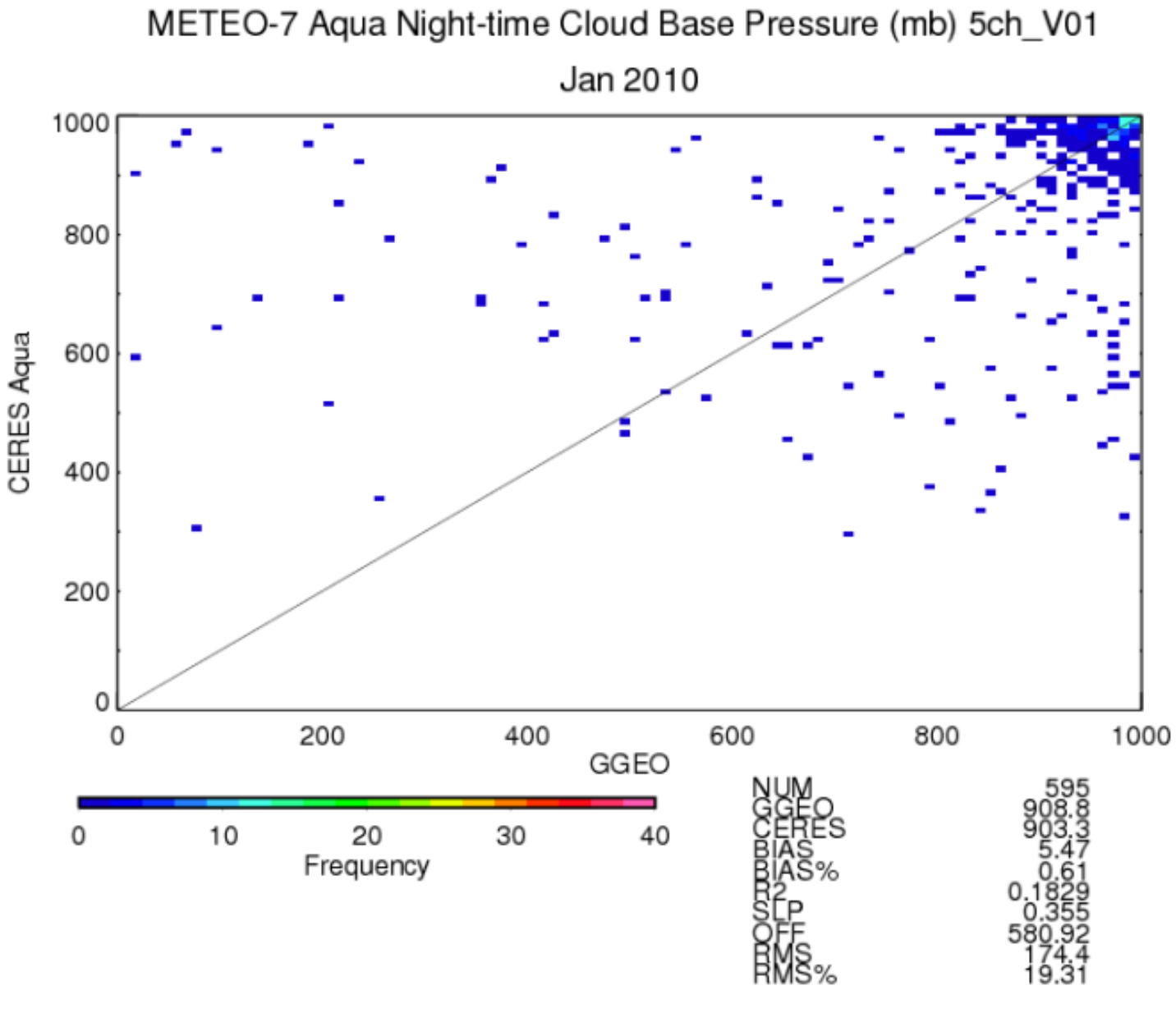

METEO-7 Aqua Night-time Cloud Temperature (K) 5ch_V01
Jan 2010
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 86438
GGEO 266.0
CERES 256.5
BIAS 9.50
BIAS% 3.70
R2 0.4213
SLP 0.694
OFF 71.86
RMS 19.9
RMS% 7.77

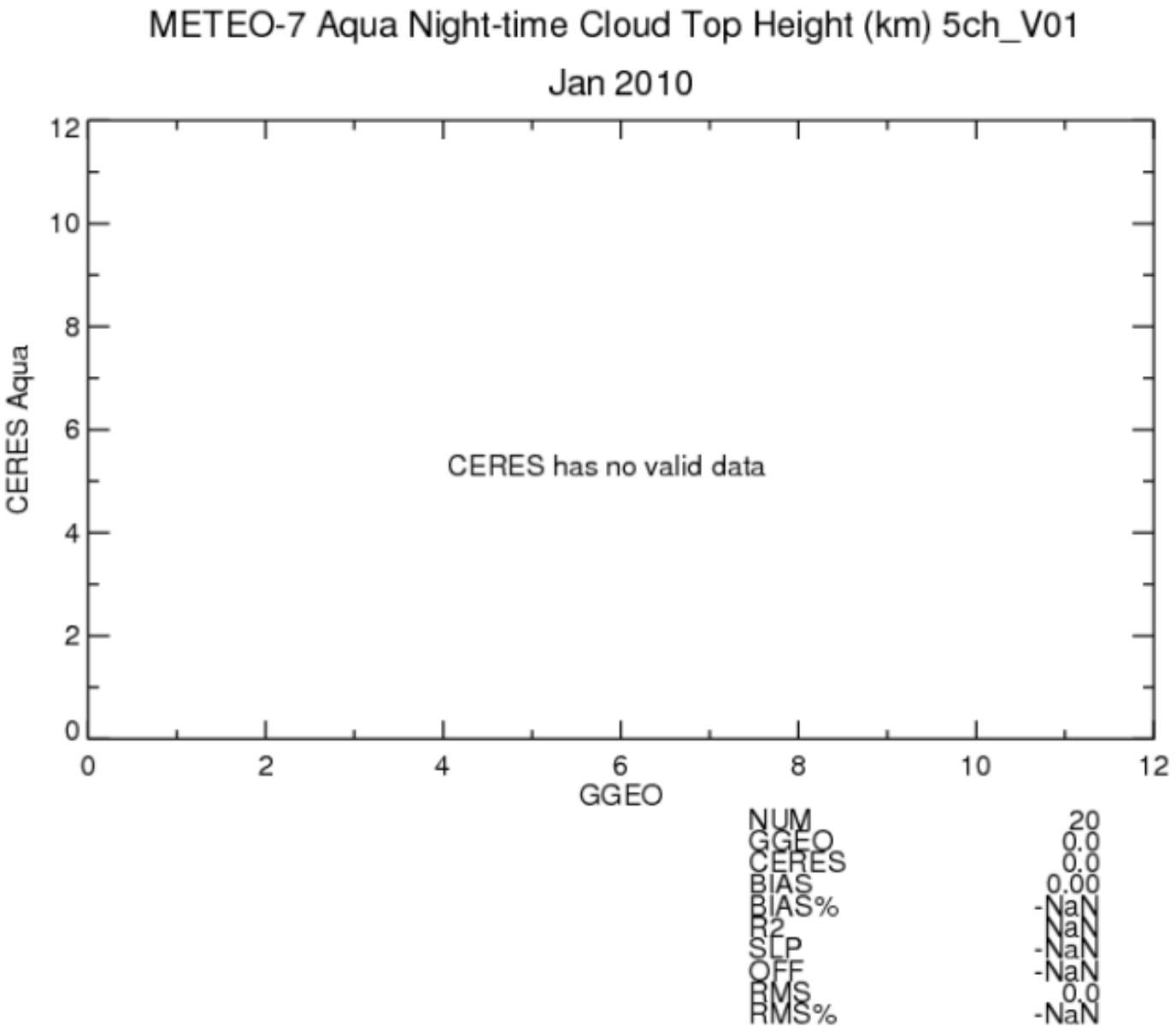

METEO-7 Aqua Night-time Cloud Top Temperature (K) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
300
280
260
240
220
200
200
220
240
260
280
300
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

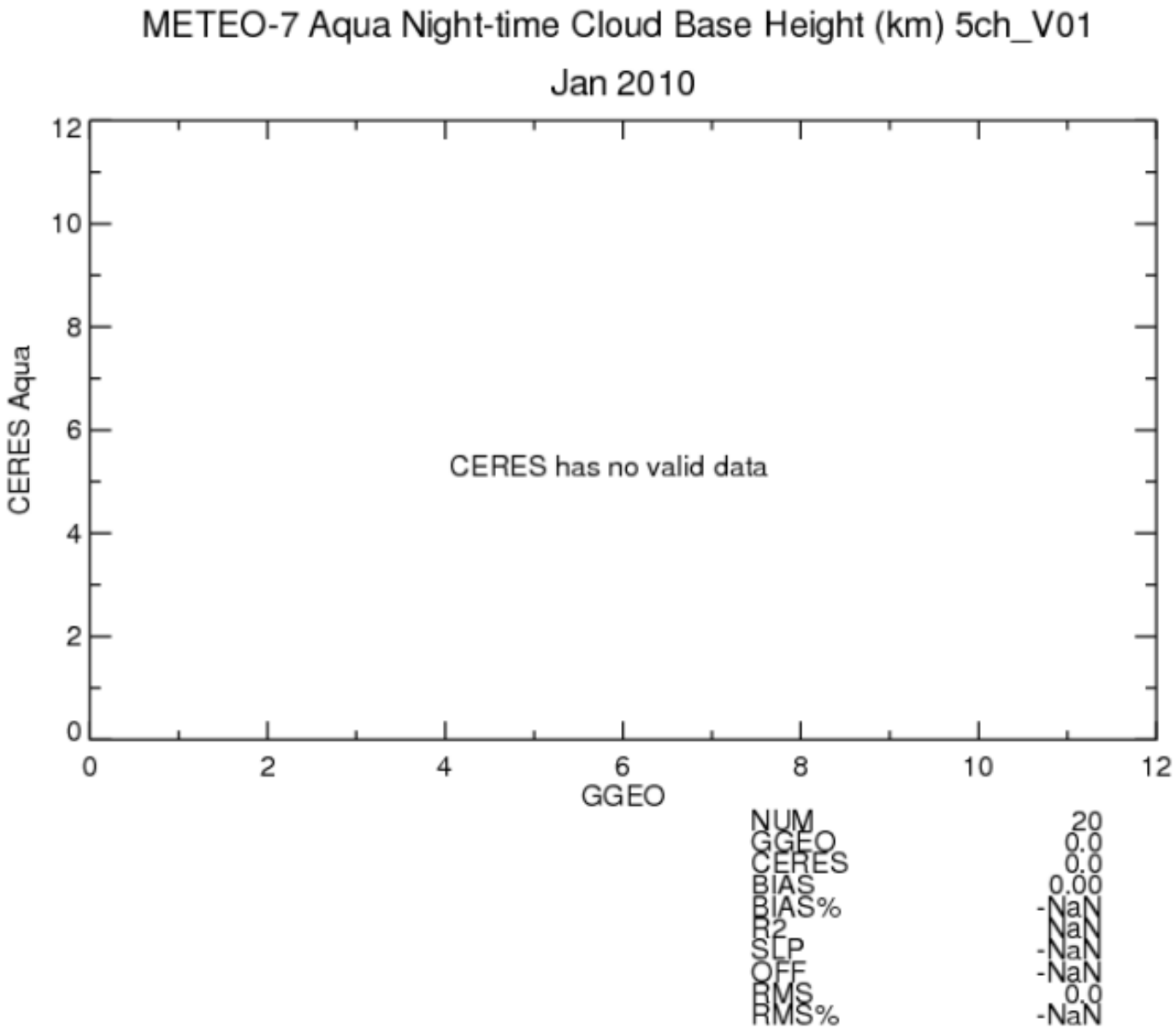

METEO-7 Aqua Night-time Cloud Base Temperature (K) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
300
280
260
240
220
200
200
220
240
260
280
300
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

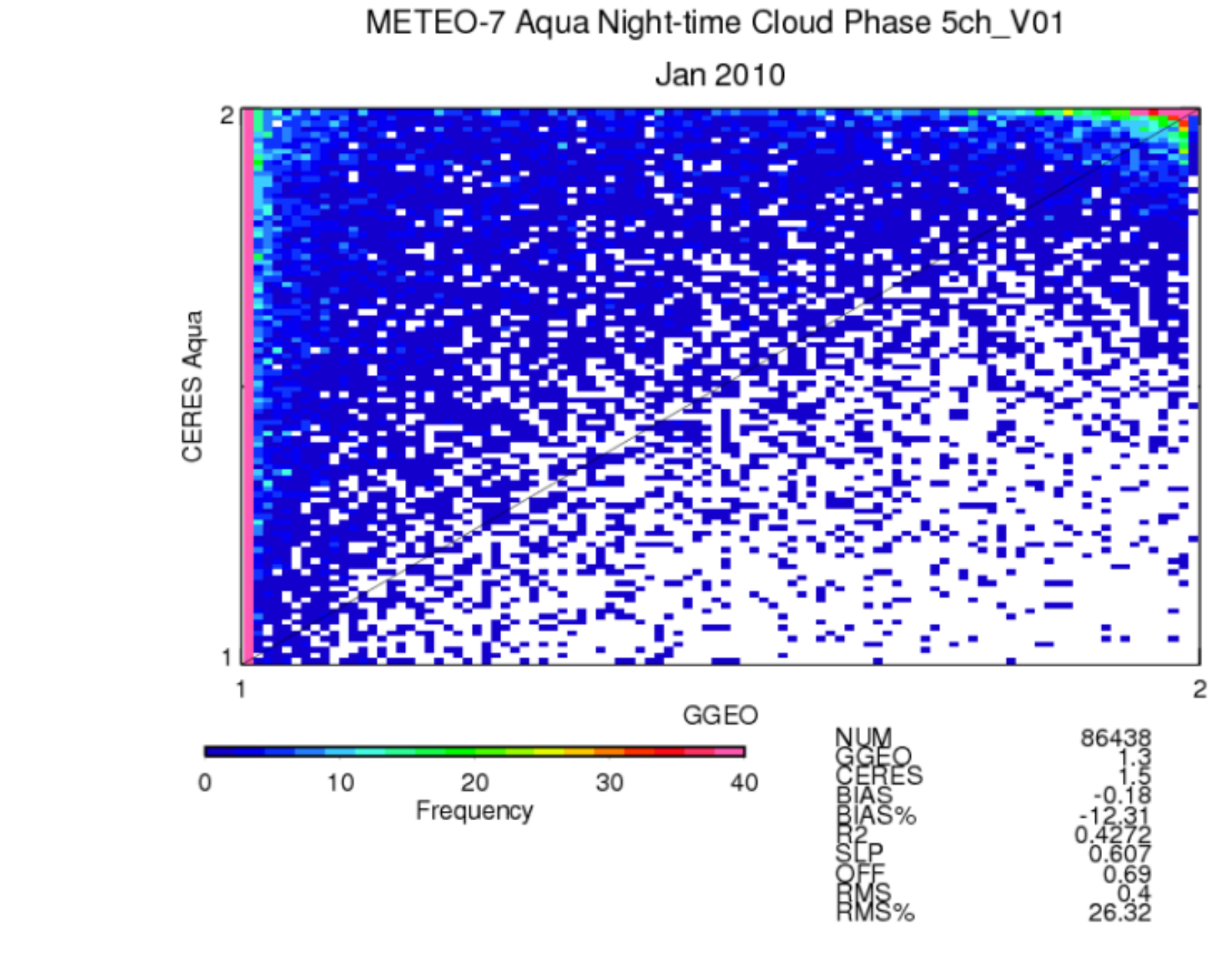

METEO-7 Aqua Night-time Cloud Eff Pressure (mb) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 86438
GGEO 710.8
CERES 608.8
BIAS 102.03
BIAS% 16.76
R2 0.5202
SLP 0.870
OFF -9.43
RMS 190.9
RMS% 31.35

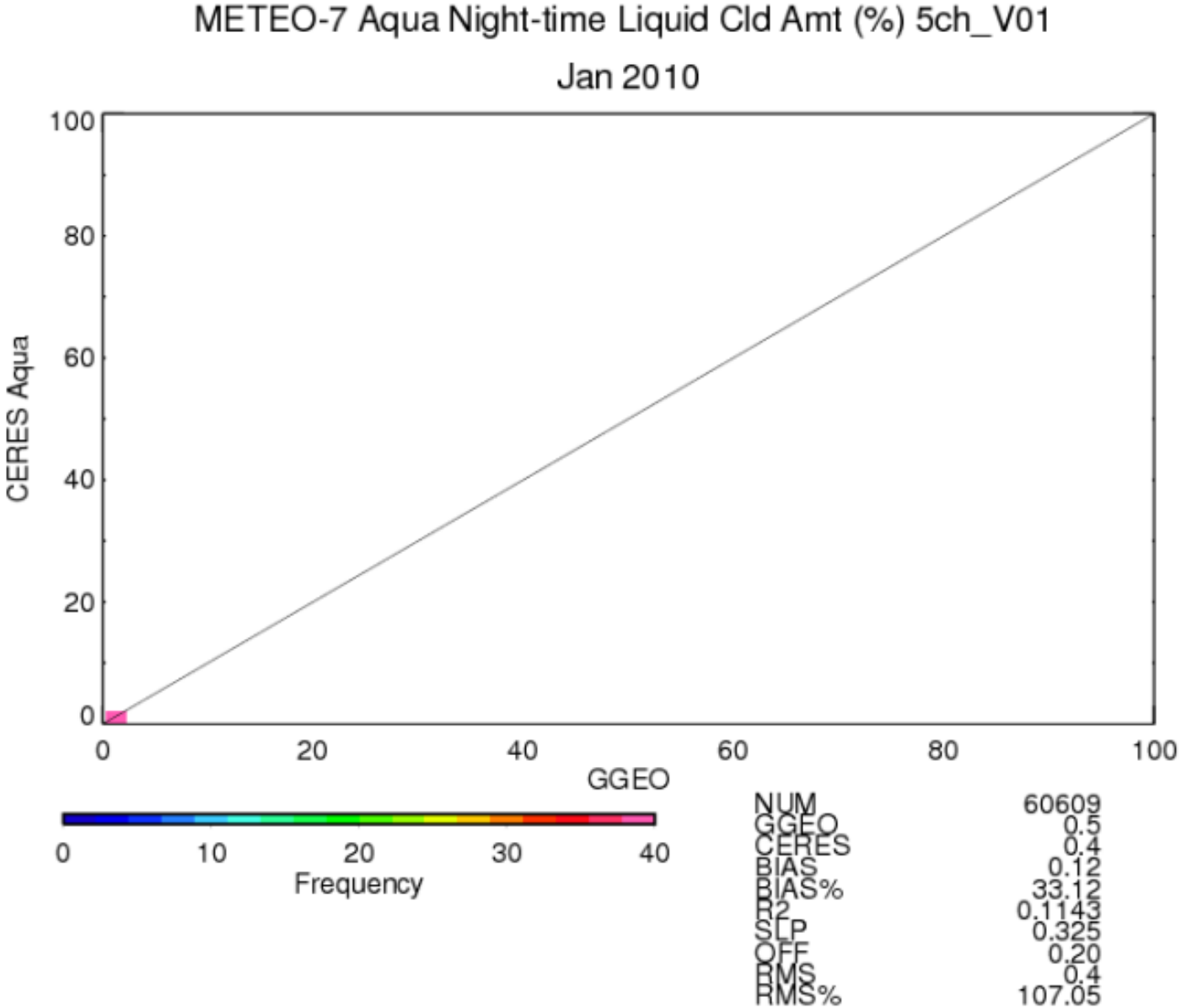

METEO-7 Aqua Night-time Cloud Top Pressure (mb) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 595
GGEO 692.9
CERES 806.5
BIAS -113.59
BIAS% -14.08
R2 0.5676
SLP 0.636
OFF 365.94
RMS 176.3
RMS% 21.86

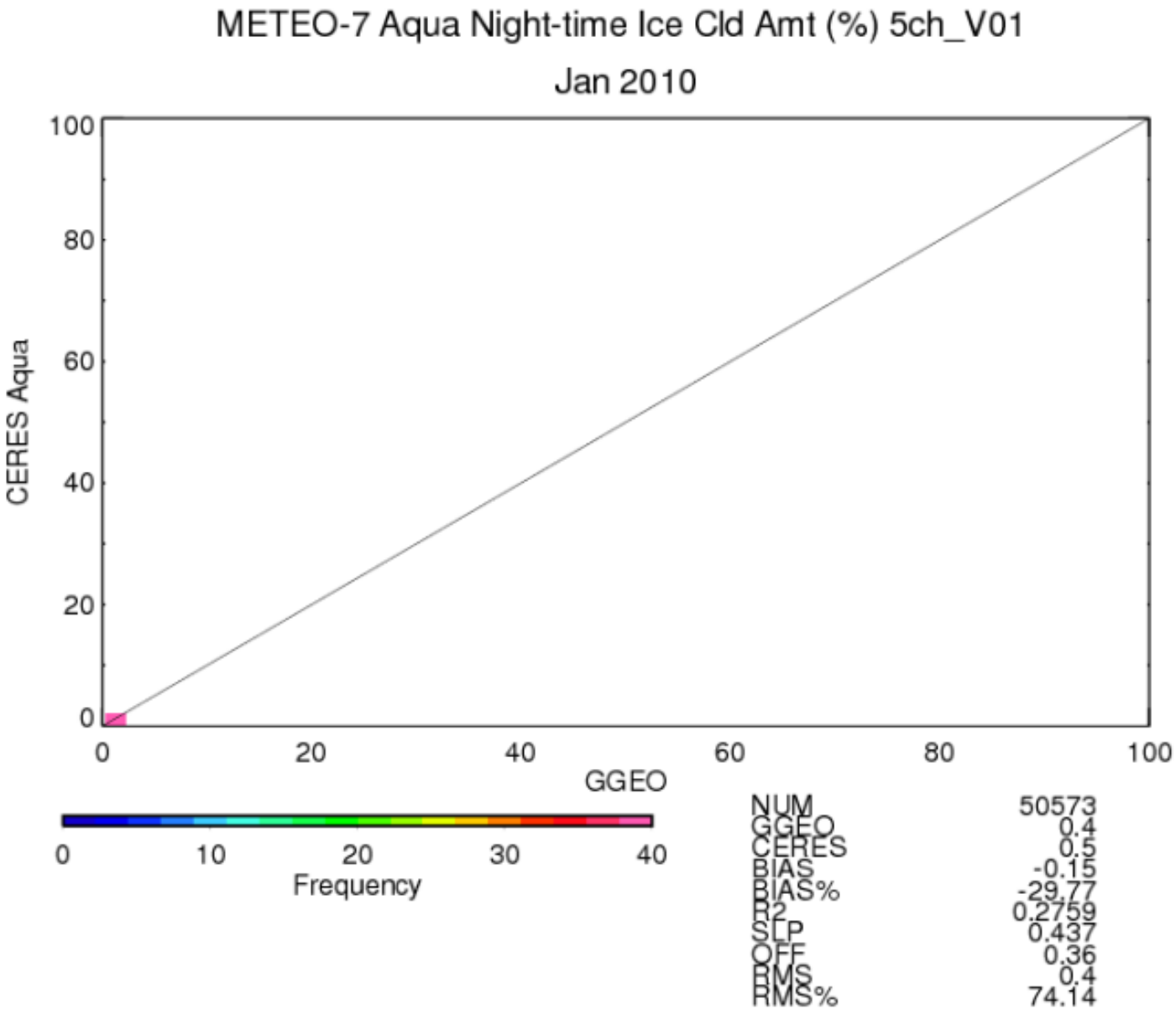

METEO-7 Aqua Night-time Cloud Base Pressure (mb) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
0
10
20
30
40
Frequency
NUM 595
GGEO 908.8
CERES 903.3
BIAS 5.47
BIAS% 0.61
R2 0.1829
SLP 0.355
OFF 580.92
RMS 174.4
RMS% 19.31

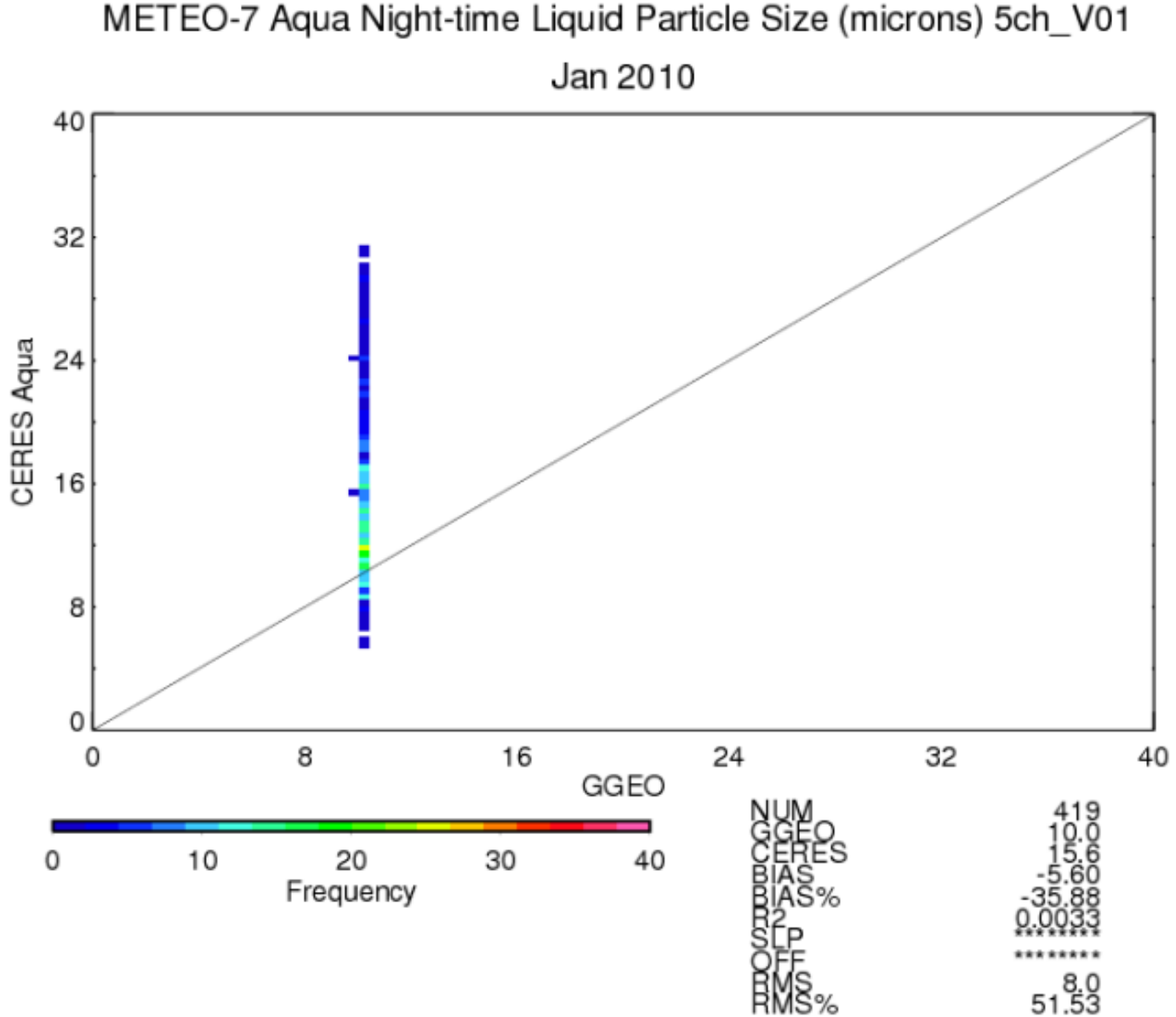

METEO-7 Aqua Night-time Cloud Top Height (km) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

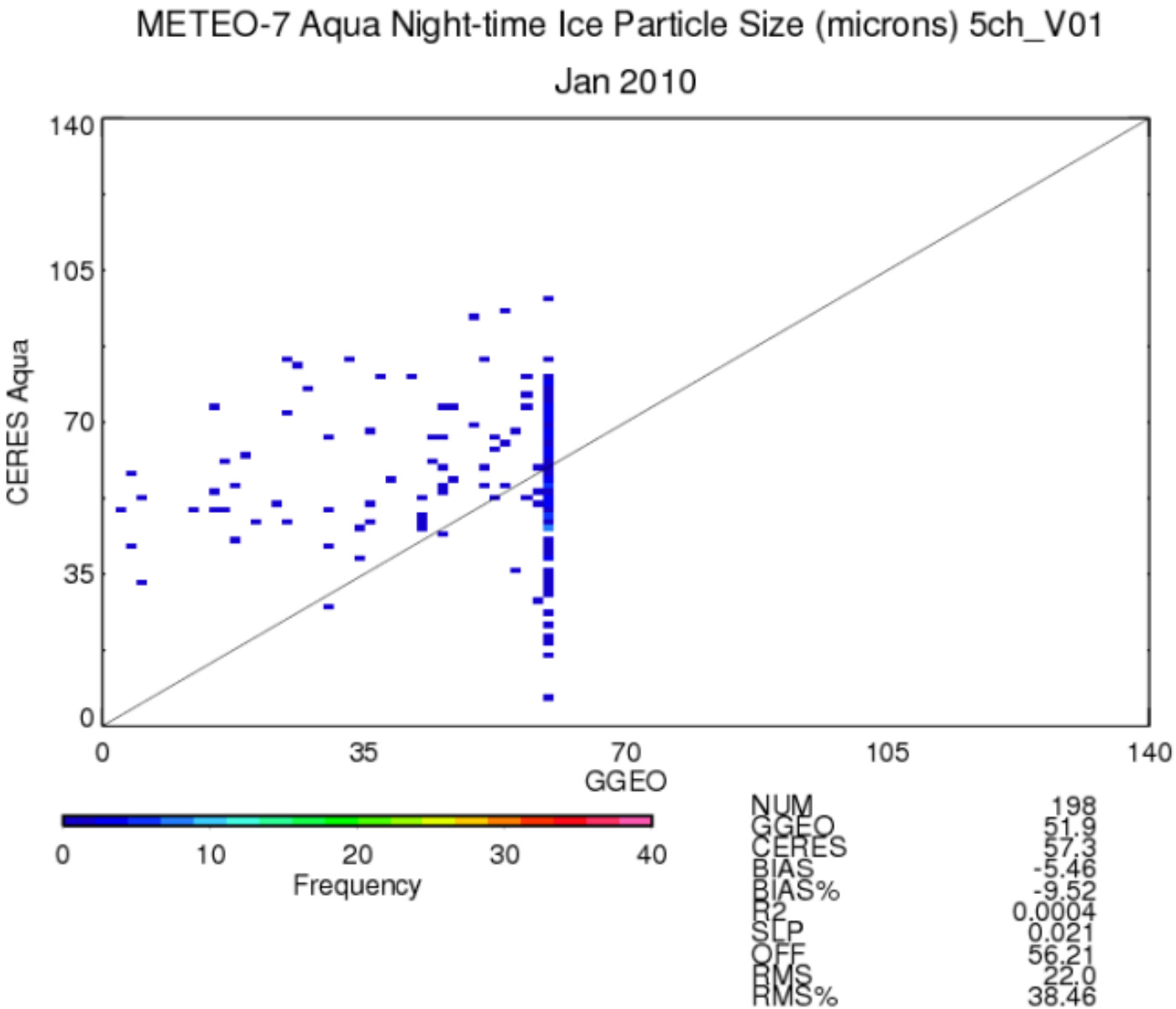

METEO-7 Aqua Night-time Cloud Base Height (km) 5ch_V01
Jan 2010
CERES Aqua
GGEO
CERES has no valid data
0
2
4
6
8
10
12
NUM 20
GGEO 0.0
CERES 0.0
BIAS 0.00
BIAS% -NaN
R2 NaN
SLP -NaN
OFF -NaN
RMS 0.0
RMS% -NaN

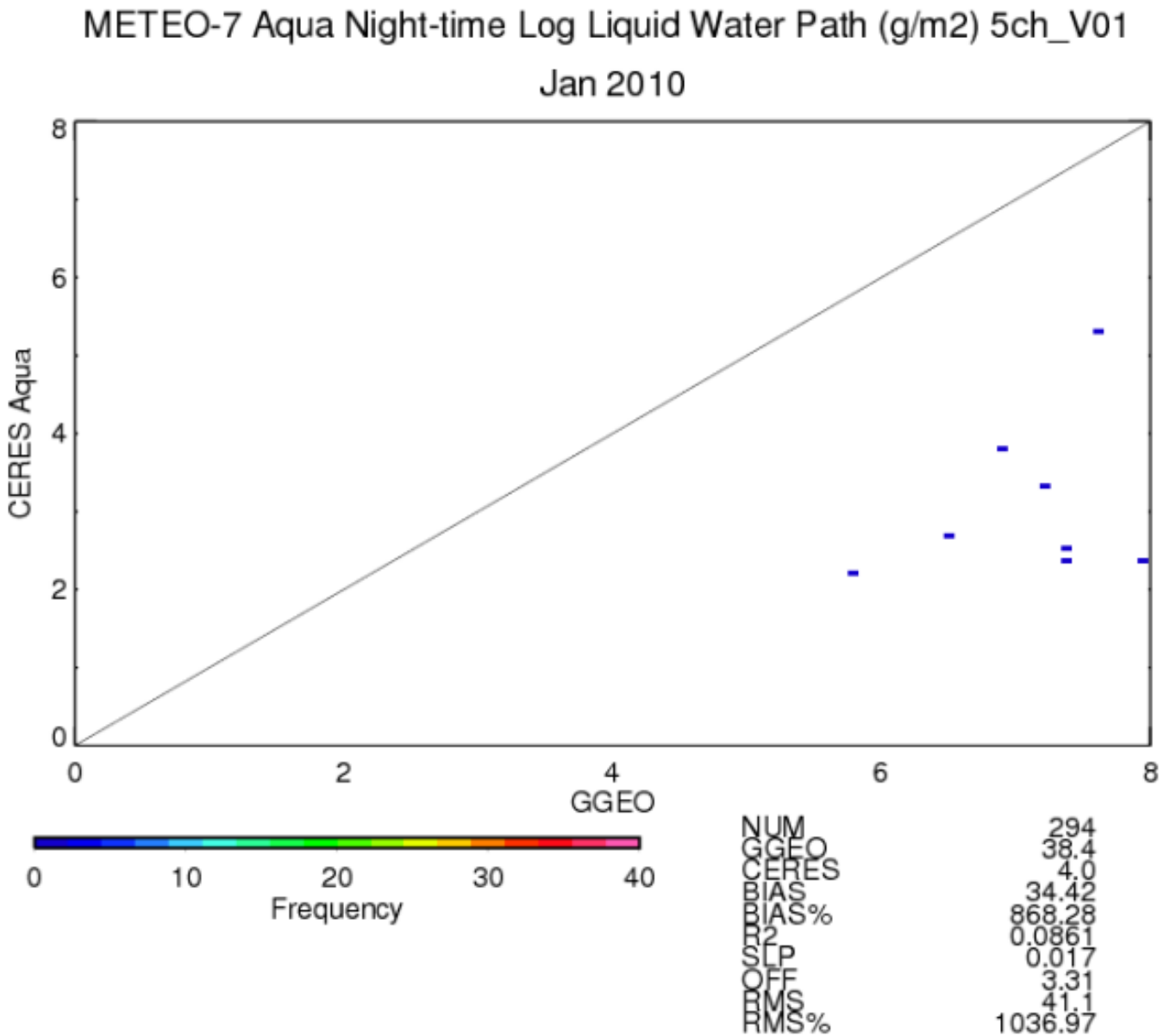

METEO-7 Aqua Night-time Cloud Phase 5ch_V01
Jan 2010
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 86438
GGEO 1.3
CERES 1.5
BIAS -0.18
BIAS% -12.31
R2 0.4272
SLP 0.607
OFF 0.69
RMS 0.4
RMS% 26.32

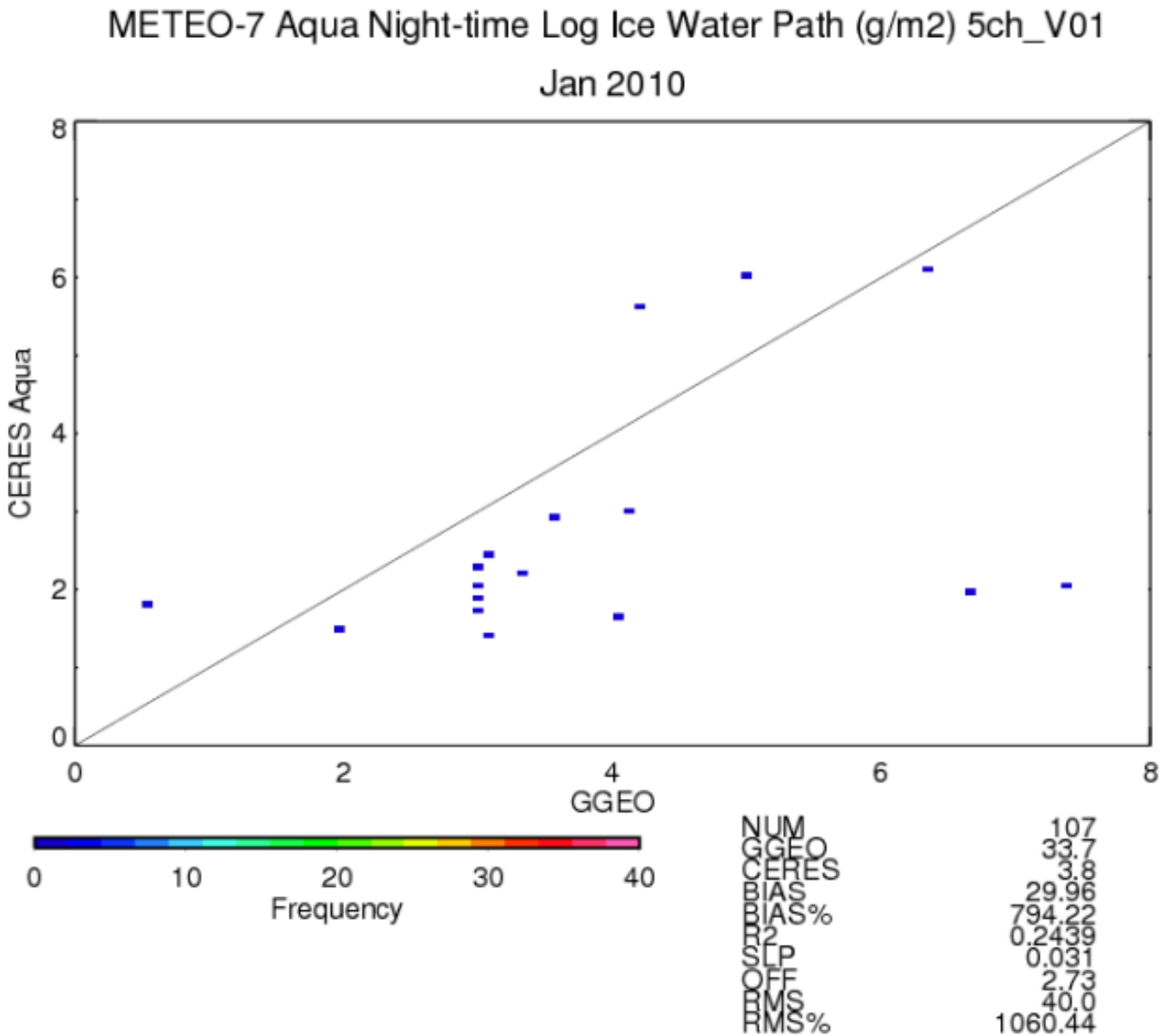

METEO-7 Aqua Night-time Liquid Cld Amt (%) 5ch_V01
Jan 2010
CERES Aqua
GGEO
Frequency
NUM 60609
GGEO 0.5
CERES 0.4
BIAS 0.12
BIAS% 33.12
R2 0.1143
SLP 0.325
OFF 0.20
RMS 0.4
RMS% 107.05

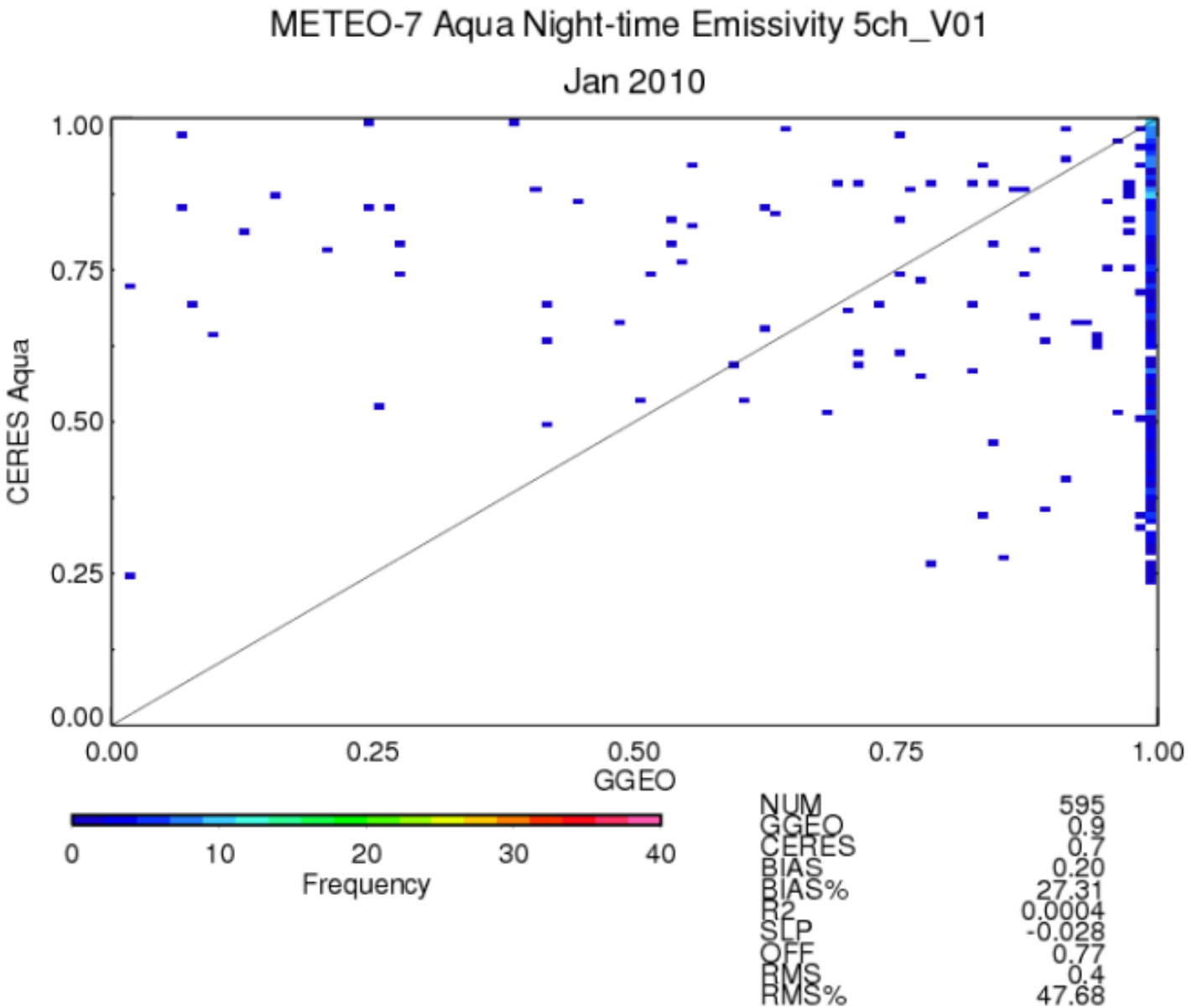

METEO-7 Aqua Night-time Ice Cld Amt (%) 5ch_V01
Jan 2010
CERES Aqua
100
80
60
40
20
0
0
20
40
60
80
100
GGEO
0
10
20
30
40
Frequency
NUM 50573
GGEO 0.4
CERES 0.5
BIAS -0.15
BIAS% -29.77
R2 0.2759
SLP 0.437
OFF 0.36
RMS 0.4
RMS% 74.14

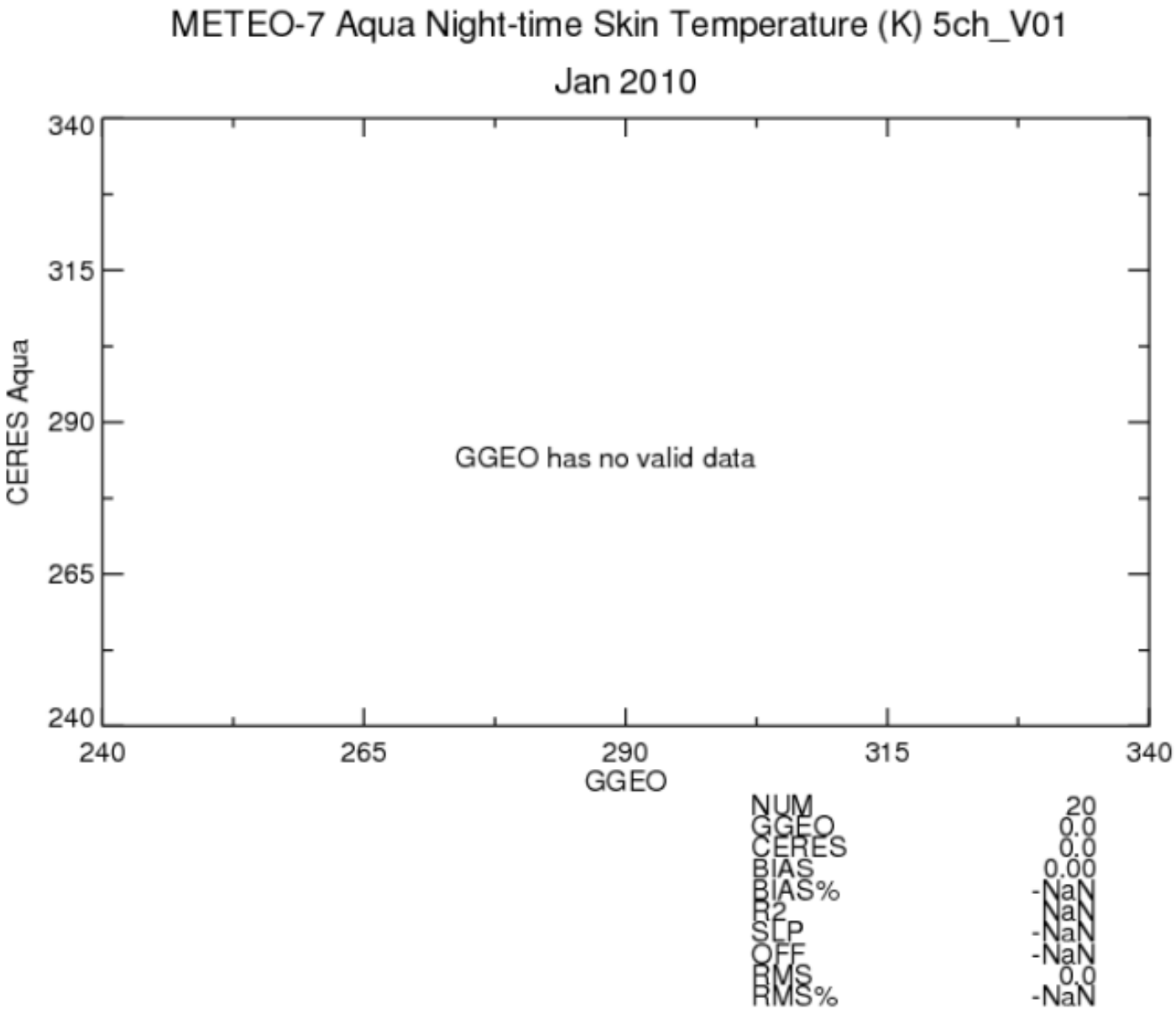

METEO-7 Aqua Night-time Liquid Particle Size (microns) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
8
16
24
32
40
Frequency
0
10
20
30
40
NUM 419
GGEO 10.0
CERES 15.6
BIAS -5.60
BIAS% -35.88
R2 0.0033
SLP ********
OFF ********
RMS 8.0
RMS% 51.53


METEO-7 Aqua Night-time Ice Particle Size (microns) 5ch_V01
Jan 2010
CERES Aqua
140
105
70
35
0
0
35
70
105
140
GGEO
0
10
20
30
40
Frequency
NUM 198
GGEO 51.9
CERES 57.3
BIAS -5.46
BIAS% -9.52
R2 0.0004
SLP 0.021
OFF 56.21
RMS 22.0
RMS% 38.46


METEO-7 Aqua Night-time Log Liquid Water Path (g/m2) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 294
GGEO 38.4
CERES 4.0
BIAS 34.42
BIAS% 868.28
R2 0.0861
SLP 0.017
OFF 3.31
RMS 41.1
RMS% 1036.97


METEO-7 Aqua Night-time Log Ice Water Path (g/m2) 5ch_V01
Jan 2010
CERES Aqua
GGEO
0
2
4
6
8
0
10
20
30
40
Frequency
NUM 107
GGEO 33.7
CERES 3.8
BIAS 29.96
BIAS% 794.22
R2 0.2439
SLP 0.031
OFF 2.73
RMS 40.0
RMS% 1060.44


METEO-7 Aqua Night-time Emissivity 5ch_V01
Jan 2010
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 595
GGEO 0.9
CERES 0.7
BIAS 0.20
BIAS% 27.31
R2 0.0004
SLP -0.028
OFF 0.77
RMS 0.4
RMS% 47.68


METEO-7 Aqua Night-time Skin Temperature (K) 5ch_V01
Jan 2010
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