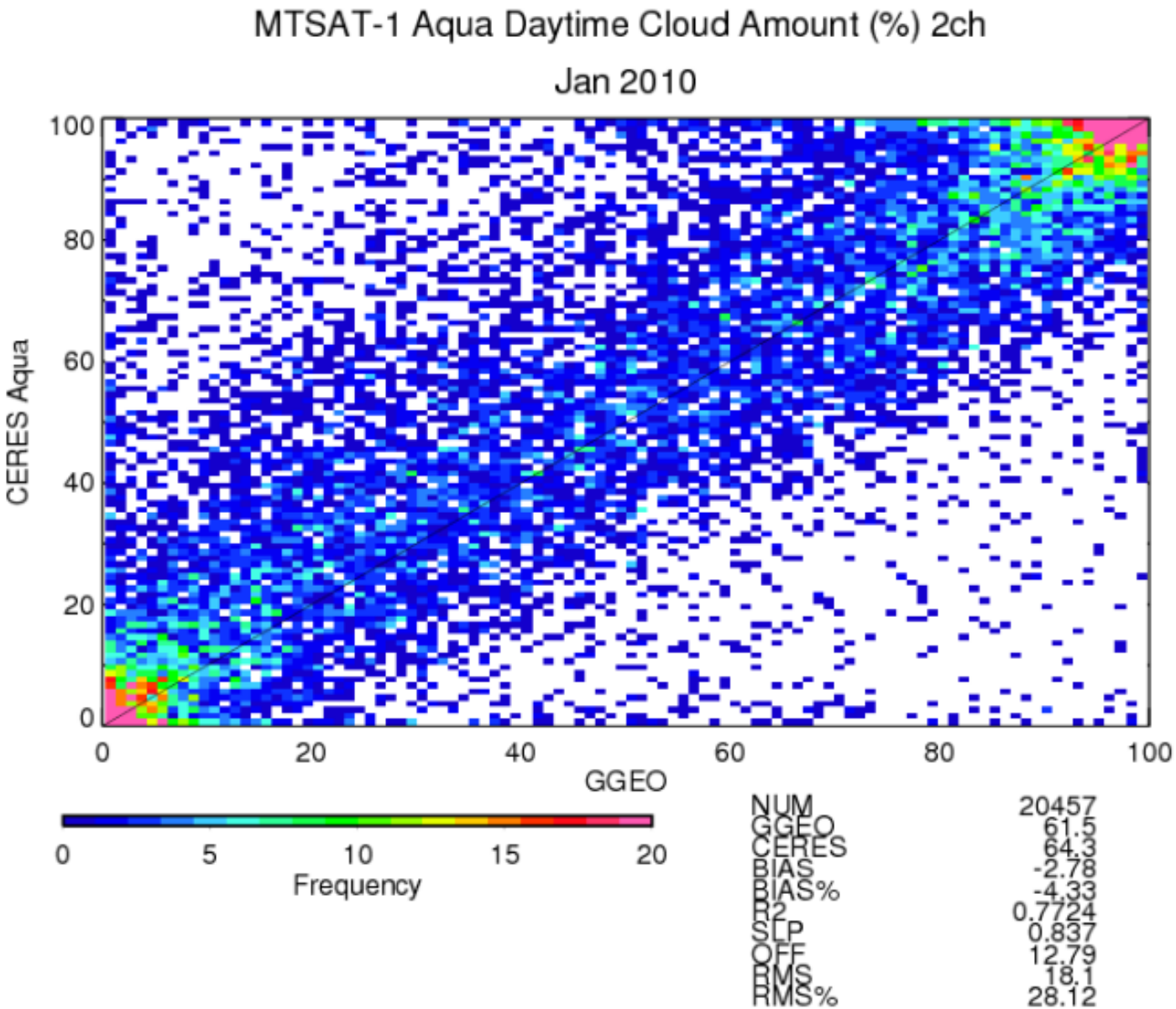
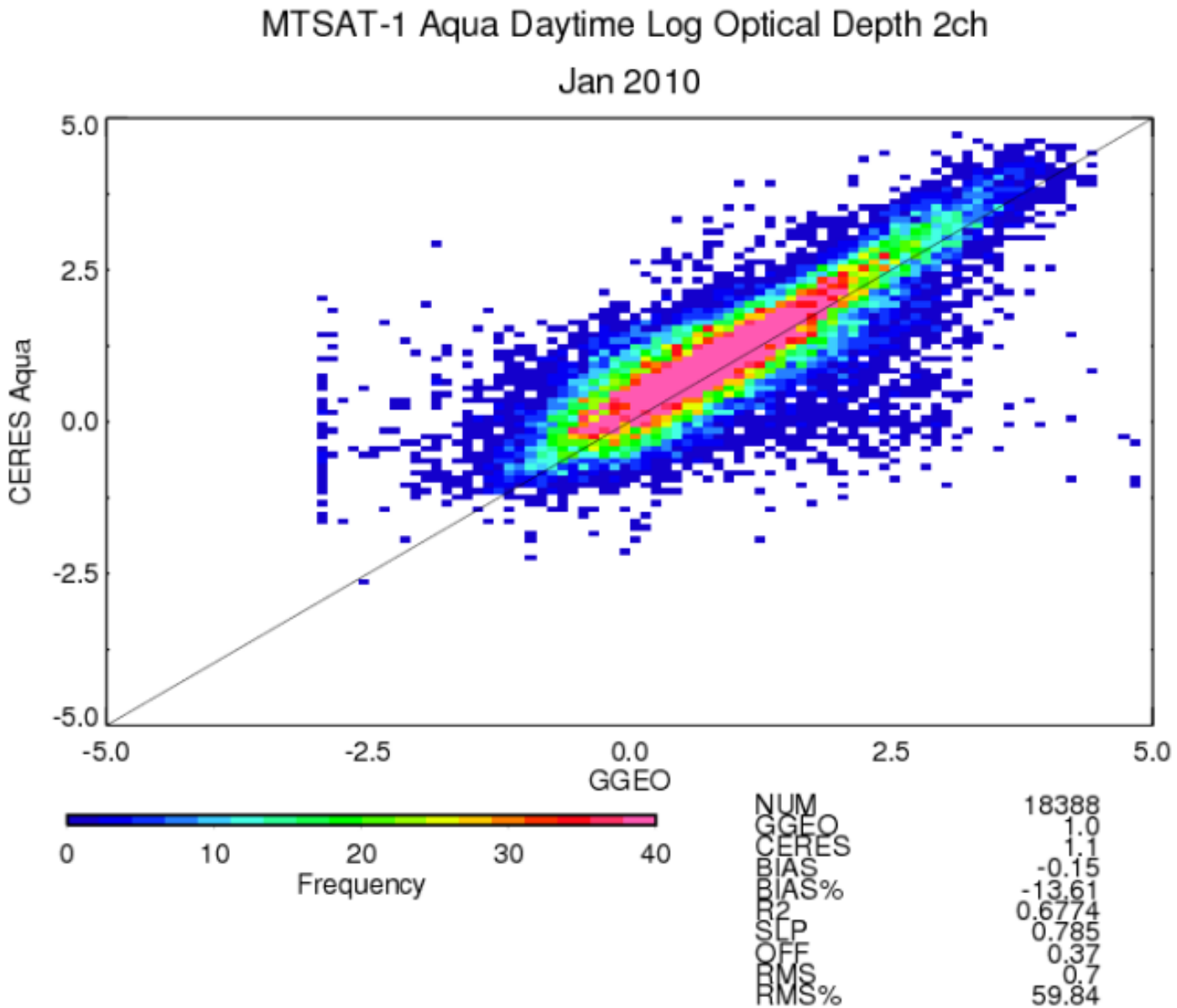
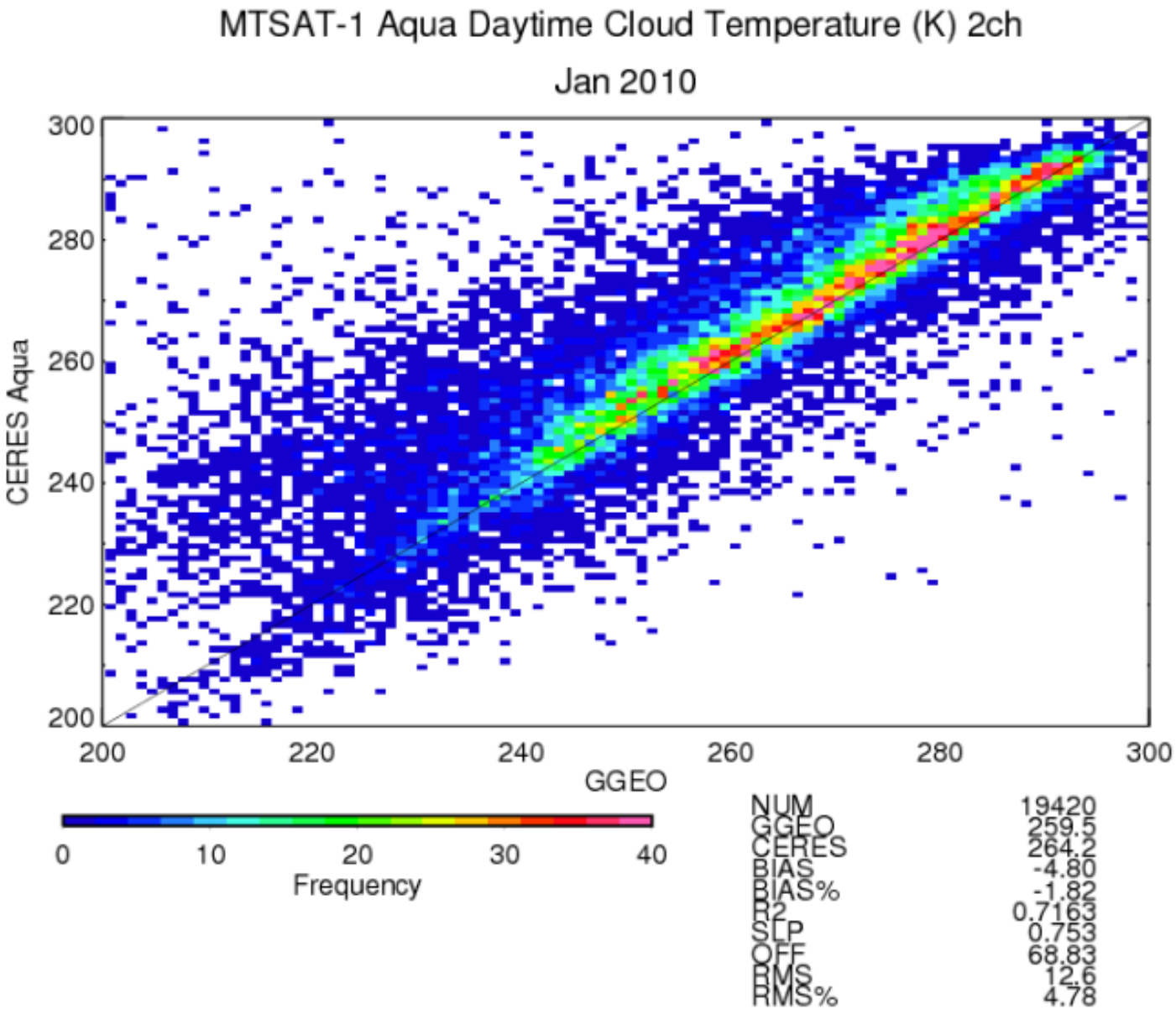
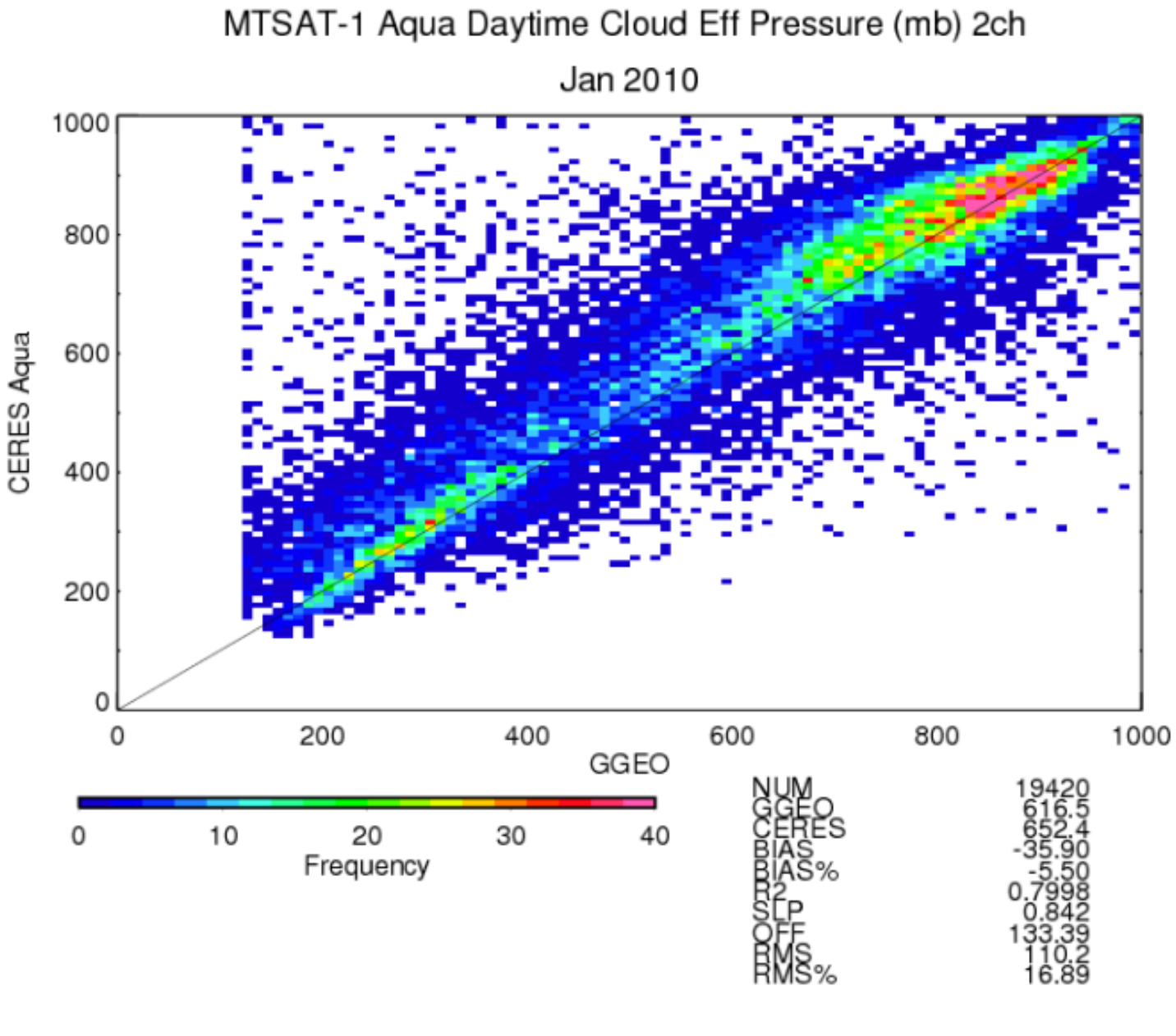
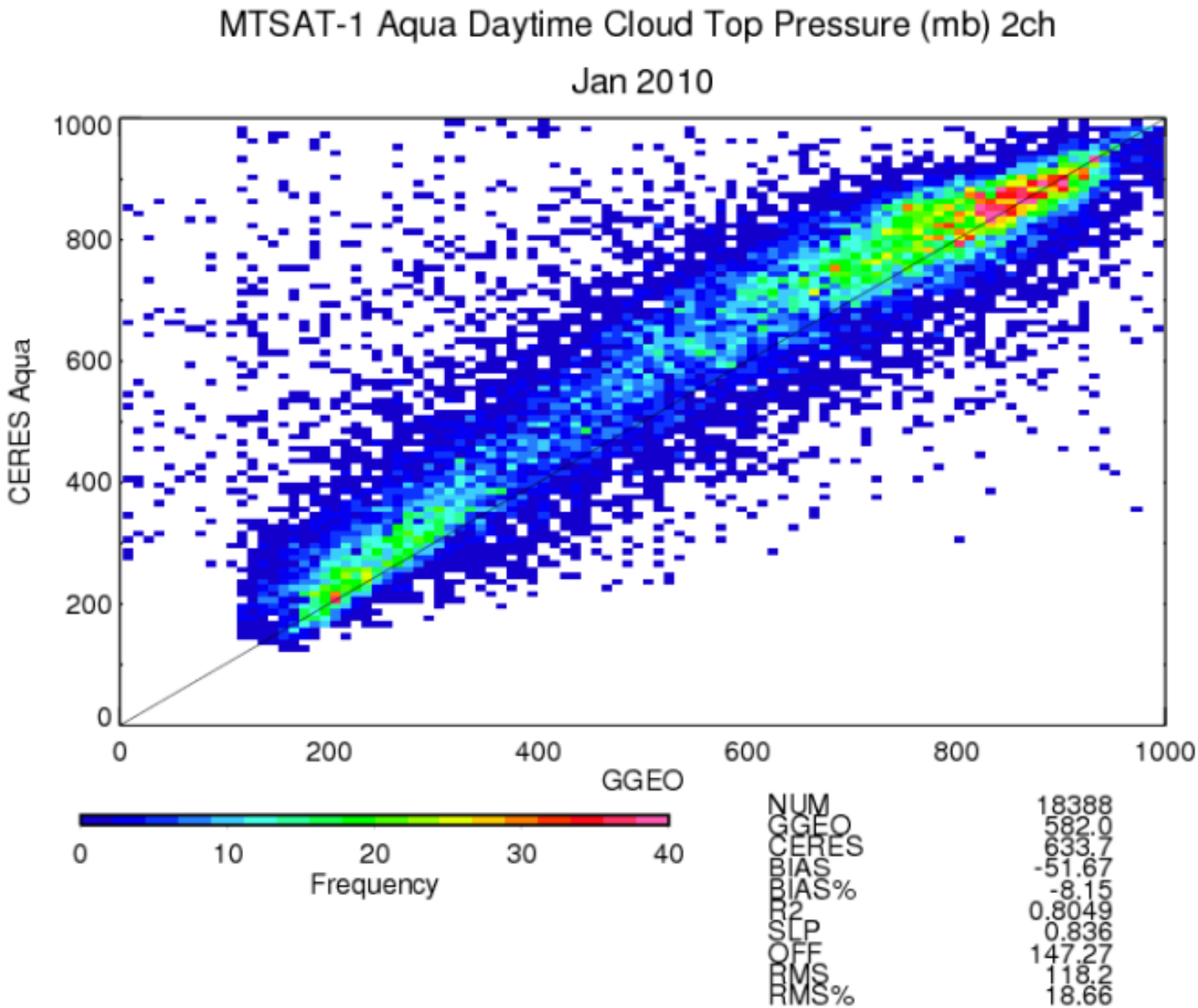
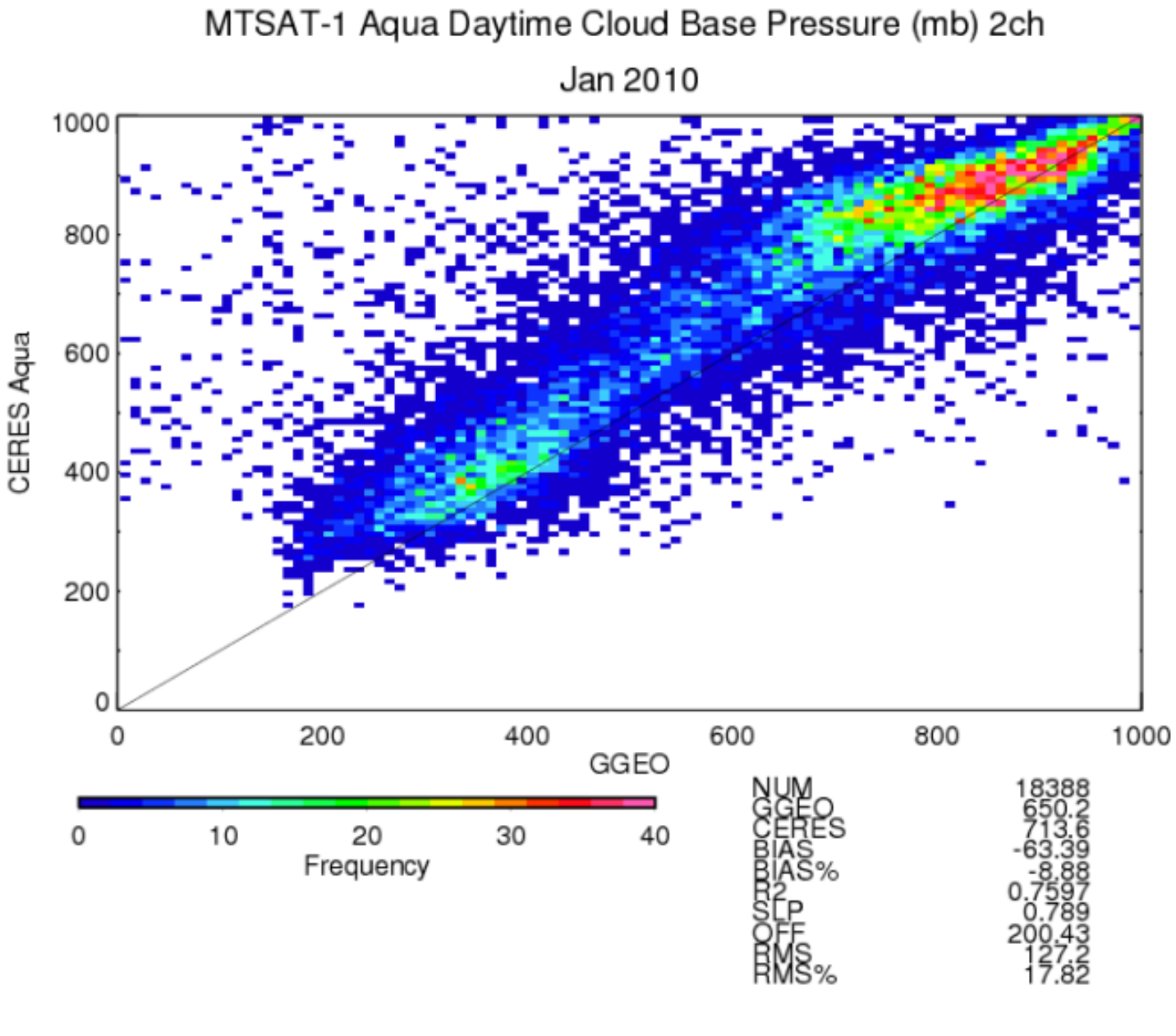

MTSAT-1 Aqua Daytime Cloud Amount (%) 2ch
Jan 2010
CERES Aqua
GGEO
0
20
40
60
80
100
Frequency
0
5
10
15
20
NUM 20457
GGEO 61.5
CERES 64.3
BIAS -2.78
BIAS% -4.33
R2 0.7724
SLP 0.837
OFF 12.79
RMS 18.1
RMS% 28.12

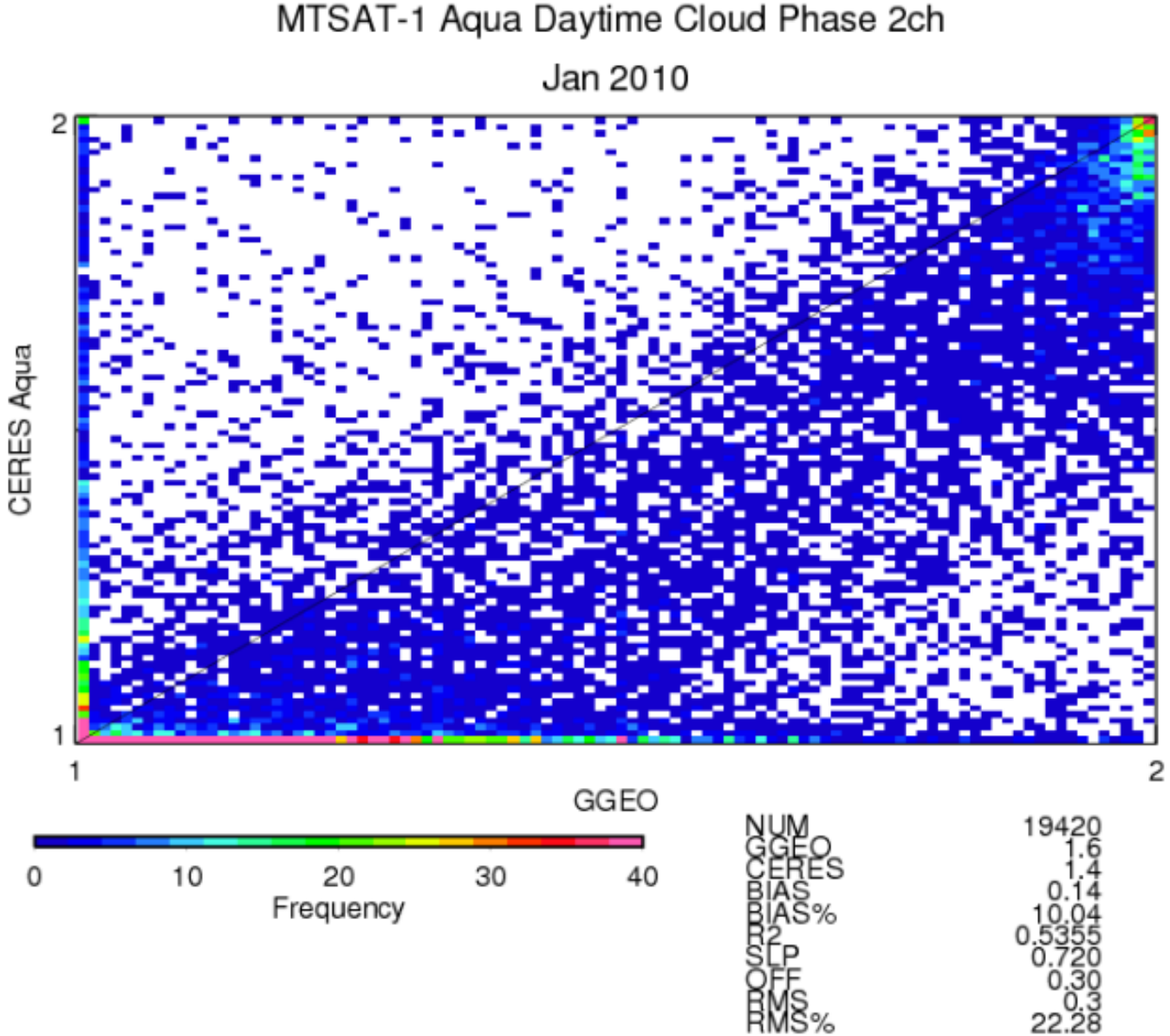

MTSAT-1 Aqua Daytime Log Optical Depth 2ch
Jan 2010
CERES Aqua
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
GGEO
0
10
20
30
40
Frequency
NUM 18388
GGEO 1.0
CERES 1.1
BIAS -0.15
BIAS% -13.61
R2 0.6774
SLP 0.785
OFF 0.37
RMS 0.7
RMS% 59.84

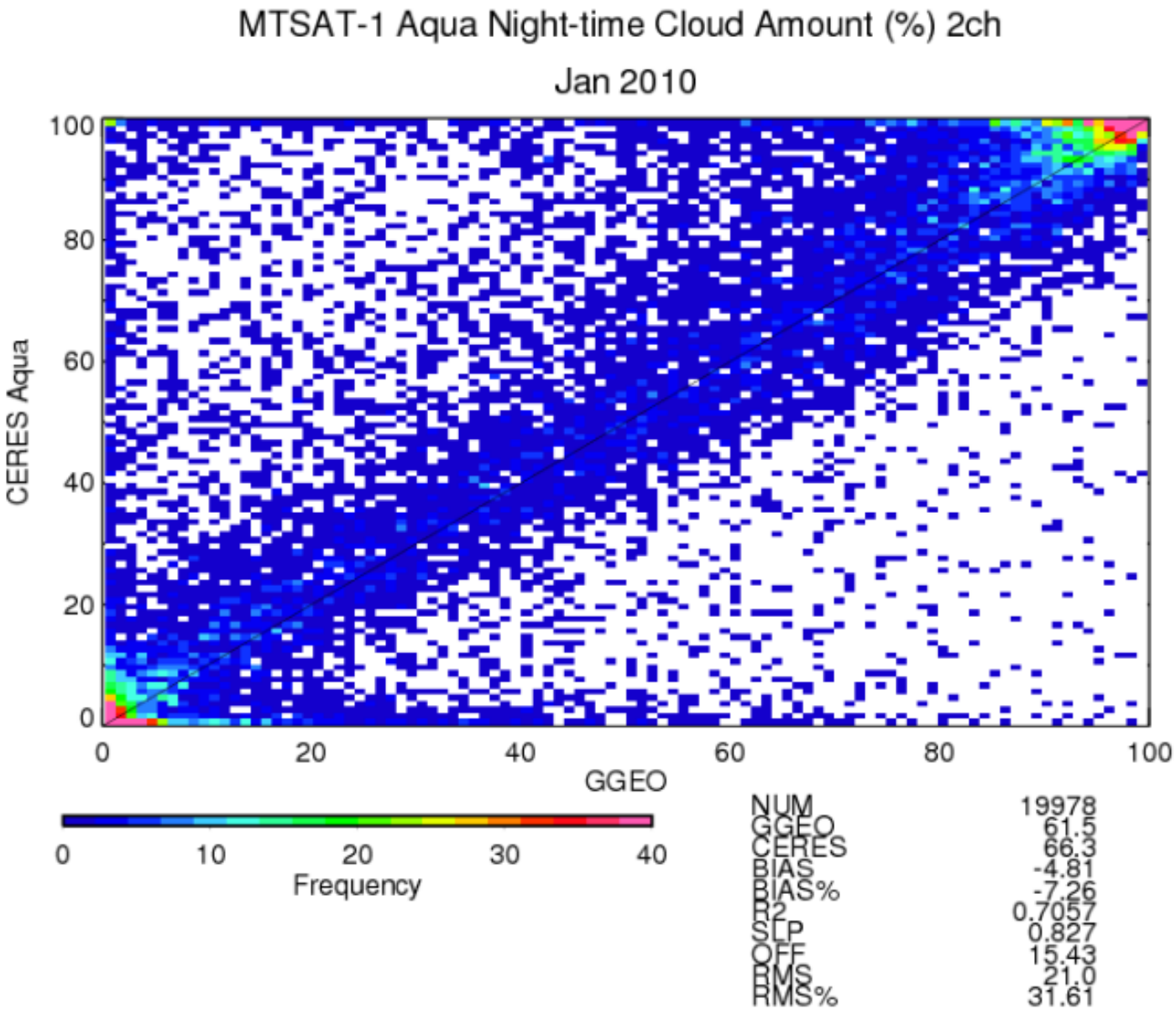

MTSAT-1 Aqua Daytime Cloud Temperature (K) 2ch
Jan 2010
CERES Aqua
GGEO
Frequency
NUM 19420
GGEO 259.5
CERES 264.2
BIAS -4.80
BIAS% -1.82
R2 0.7163
SLP 0.753
OFF 68.83
RMS 12.6
RMS% 4.78

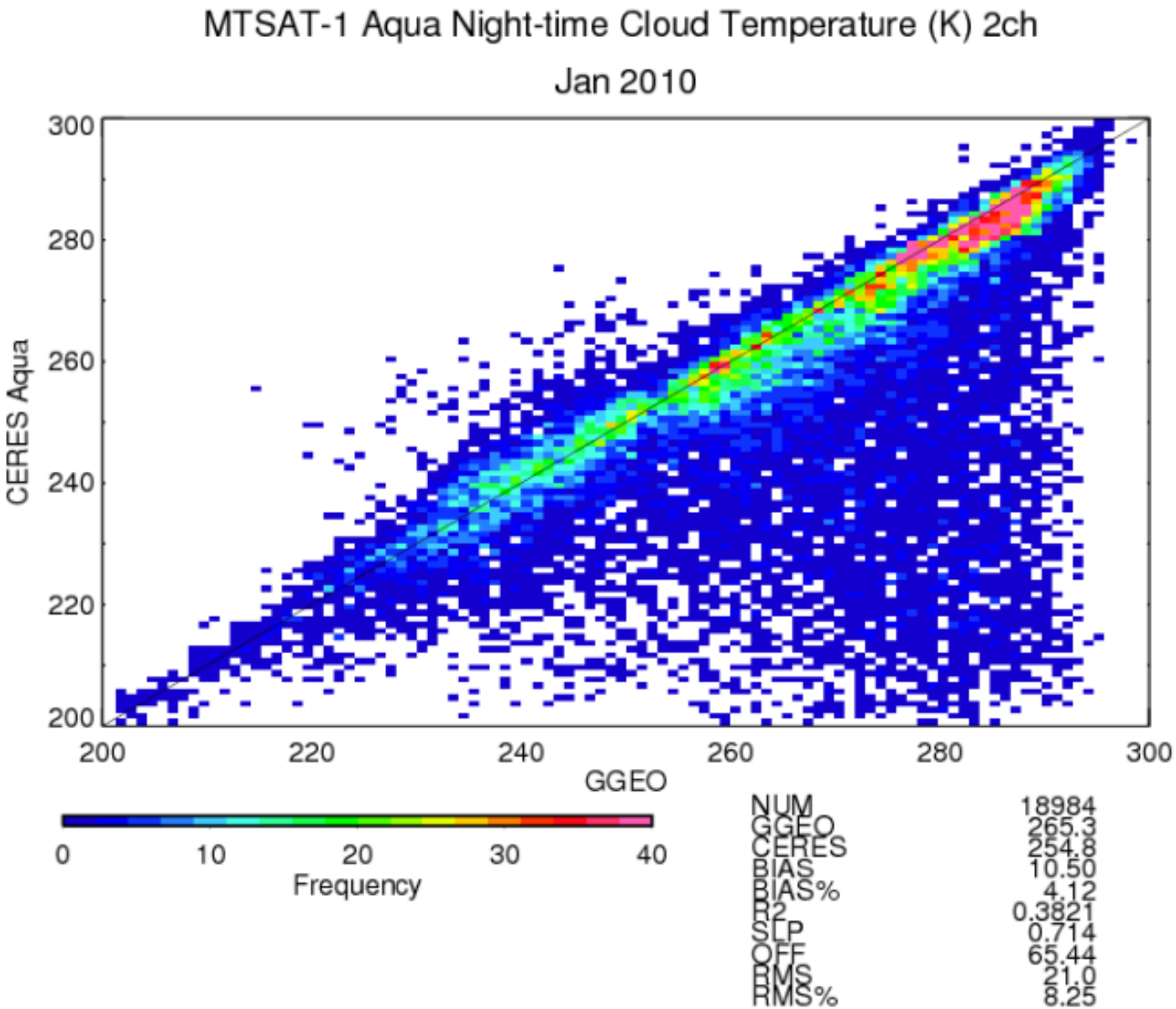

MTSAT-1 Aqua Daytime Cloud Eff Pressure (mb) 2ch
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 19420
GGEO 616.5
CERES 652.4
BIAS -35.90
BIAS% -5.50
R2 0.7998
SLP 0.842
OFF 133.39
RMS 110.2
RMS% 16.89

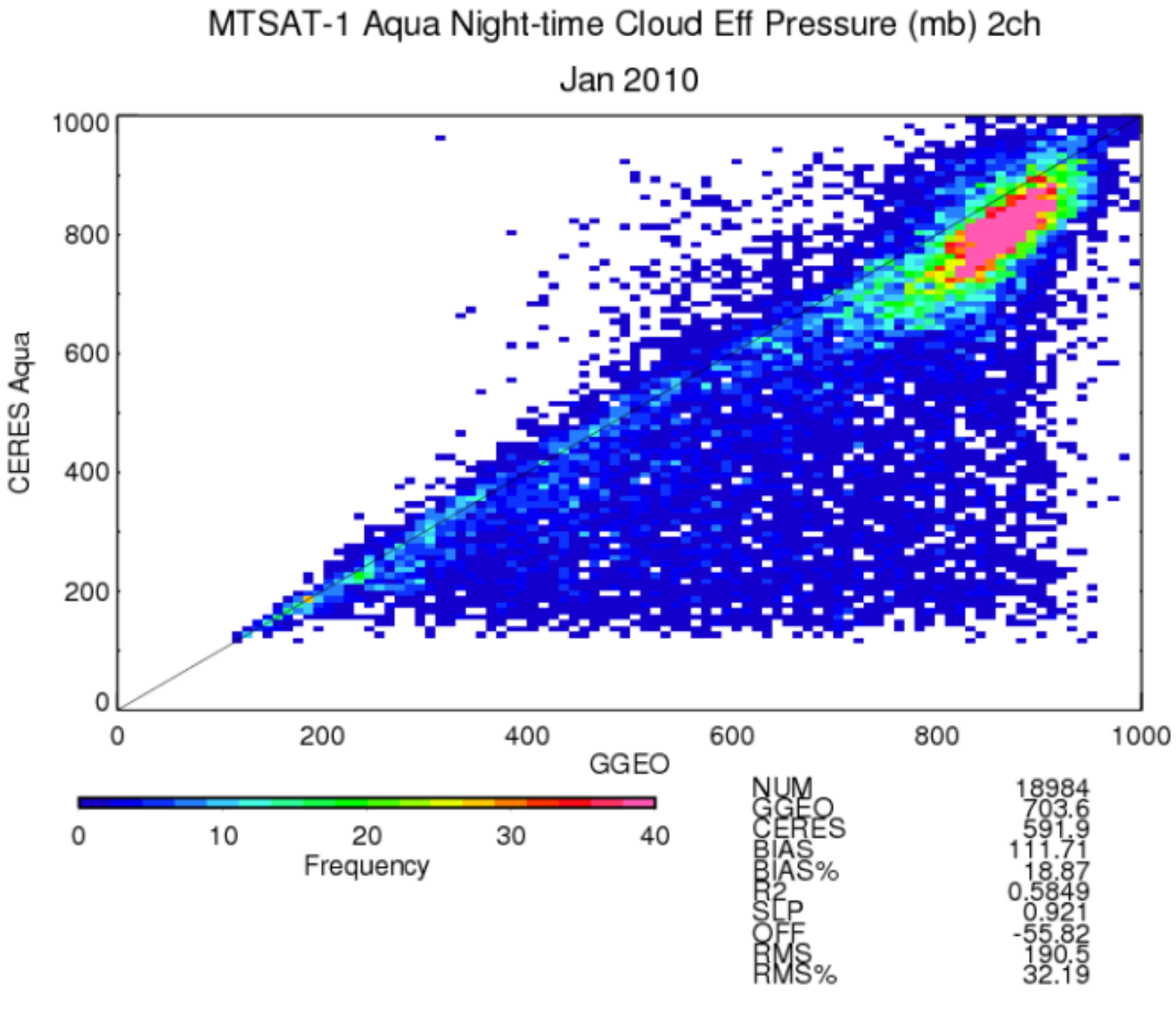

MTSAT-1 Aqua Daytime Cloud Top Pressure (mb) 2ch
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 18388
GGEO 582.0
CERES 633.7
BIAS -51.67
BIAS% -8.15
R2 0.8049
SLP 0.836
OFF 147.27
RMS 118.2
RMS% 18.66

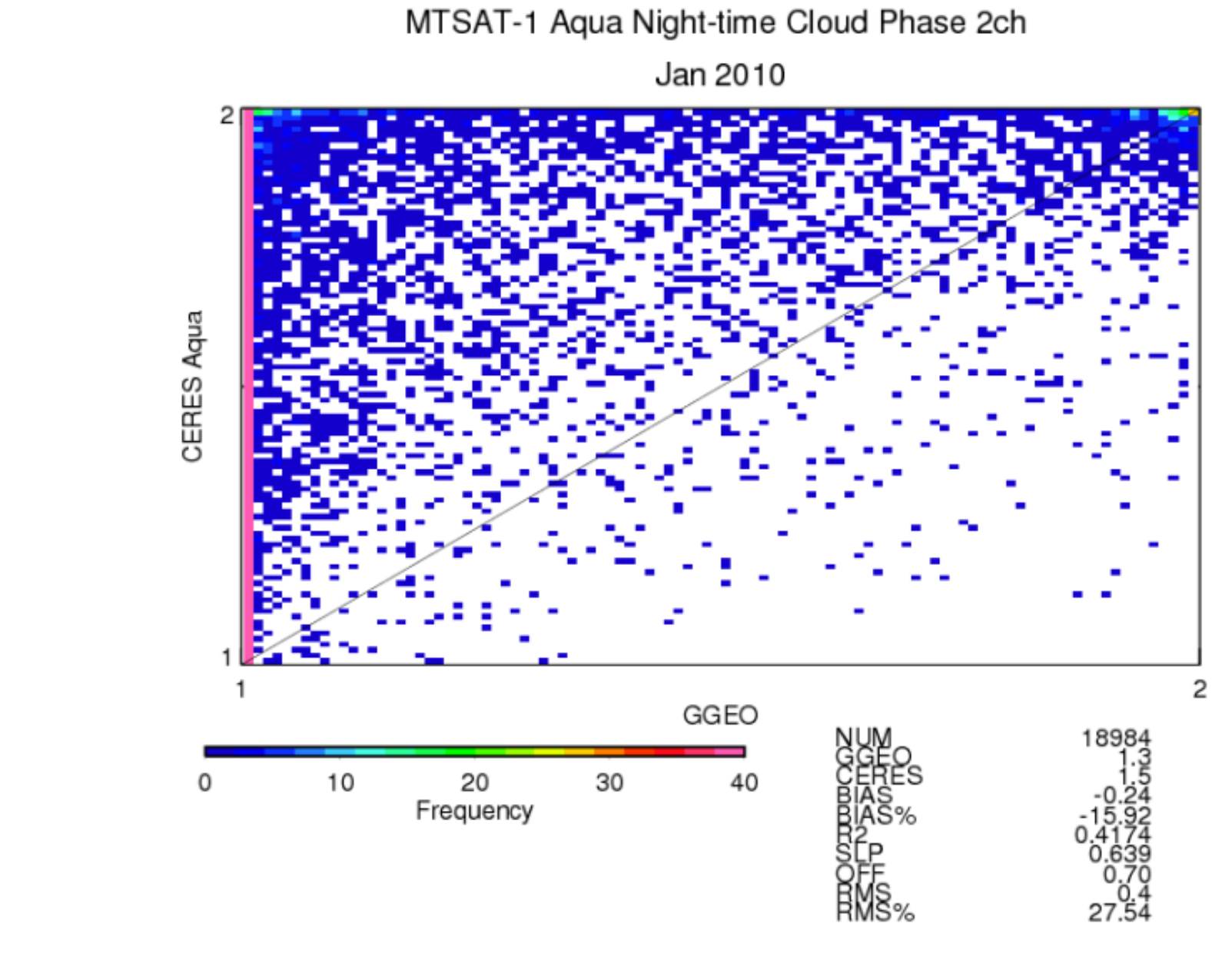

MTSAT-1 Aqua Daytime Cloud Base Pressure (mb) 2ch
Jan 2010
CERES Aqua
GGEO
Frequency
0
200
400
600
800
1000
0
10
20
30
40
NUM 18388
GGEO 650.2
CERES 713.6
BIAS -63.39
BIAS% -8.88
R2 0.7597
SLP 0.789
OFF 200.43
RMS 127.2
RMS% 17.82


MTSAT-1 Aqua Daytime Cloud Phase 2ch
Jan 2010
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 19420
GGEO 1.6
CERES 1.4
BIAS 0.14
BIAS% 10.04
R2 0.5355
SLP 0.720
OFF 0.30
RMS 0.3
RMS% 22.28


MTSAT-1 Aqua Night-time Cloud Amount (%) 2ch
Jan 2010
CERES Aqua
GGEO
Frequency
0
20
40
60
80
100
0
10
20
30
40
NUM 19978
GGEO 61.5
CERES 66.3
BIAS -4.81
BIAS% -7.26
R2 0.7057
SLP 0.827
OFF 15.43
RMS 21.0
RMS% 31.61


MTSAT-1 Aqua Night-time Cloud Temperature (K) 2ch
Jan 2010
CERES Aqua
300
280
260
240
220
200
200
220
240
260
280
300
GGEO
0
10
20
30
40
Frequency
NUM 18984
GGEO 265.3
CERES 254.8
BIAS 10.50
BIAS% 4.12
R2 0.3821
SLP 0.714
OFF 65.44
RMS 21.0
RMS% 8.25


MTSAT-1 Aqua Night-time Cloud Eff Pressure (mb) 2ch
Jan 2010
CERES Aqua
GGEO
0
200
400
600
800
1000
Frequency
0
10
20
30
40
NUM 18984
GGEO 703.6
CERES 591.9
BIAS 111.71
BIAS% 18.87
R2 0.5849
SLP 0.921
OFF -55.82
RMS 190.5
RMS% 32.19


MTSAT-1 Aqua Night-time Cloud Phase 2ch
Jan 2010
CERES Aqua
2
1
1
2
GGEO
0
10
20
30
40
Frequency
NUM 18984
GGEO 1.3
CERES 1.5
BIAS -0.24
BIAS% -15.92
R2 0.4174
SLP 0.639
OFF 0.70
RMS 0.4
RMS% 27.54