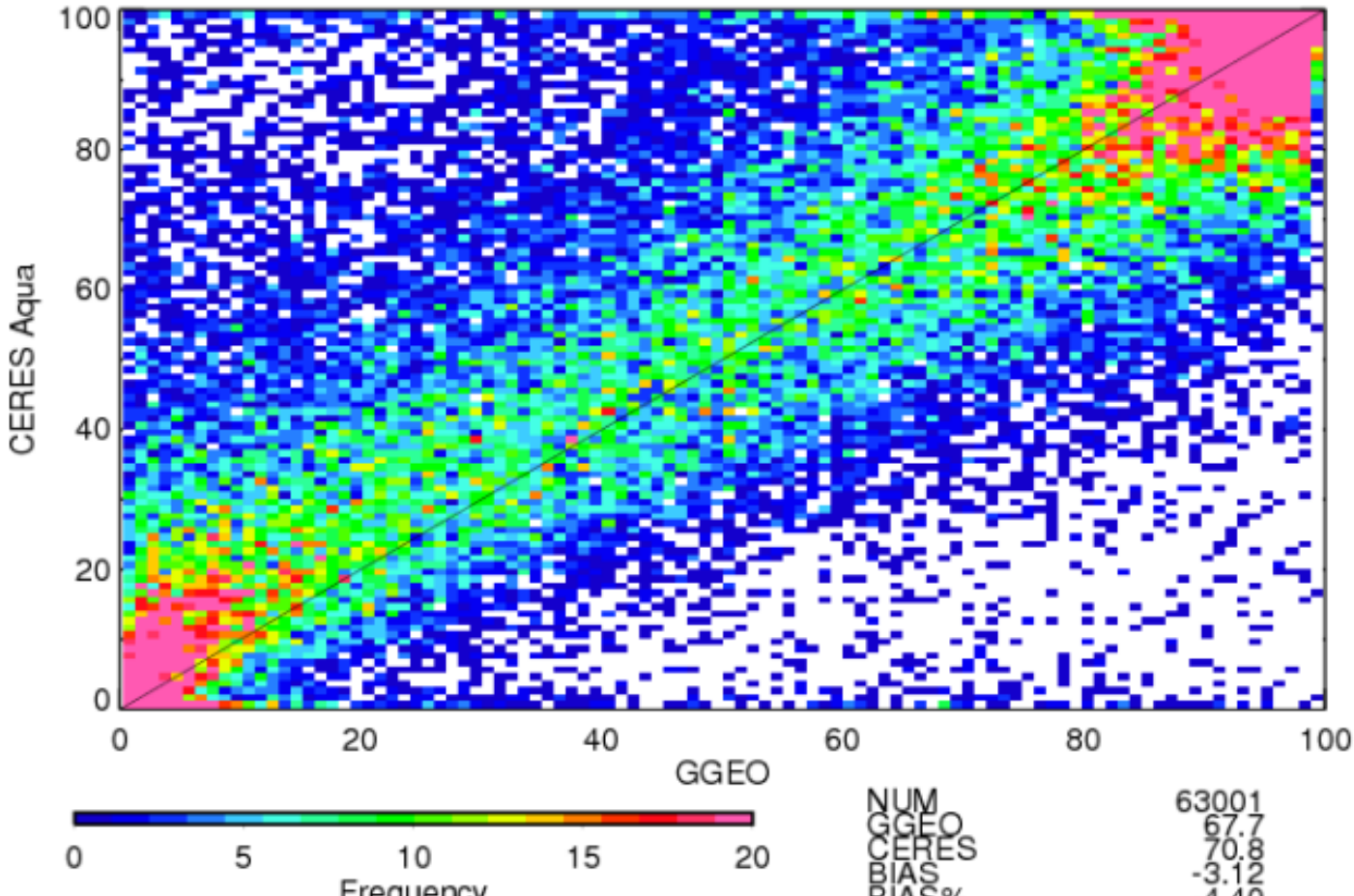
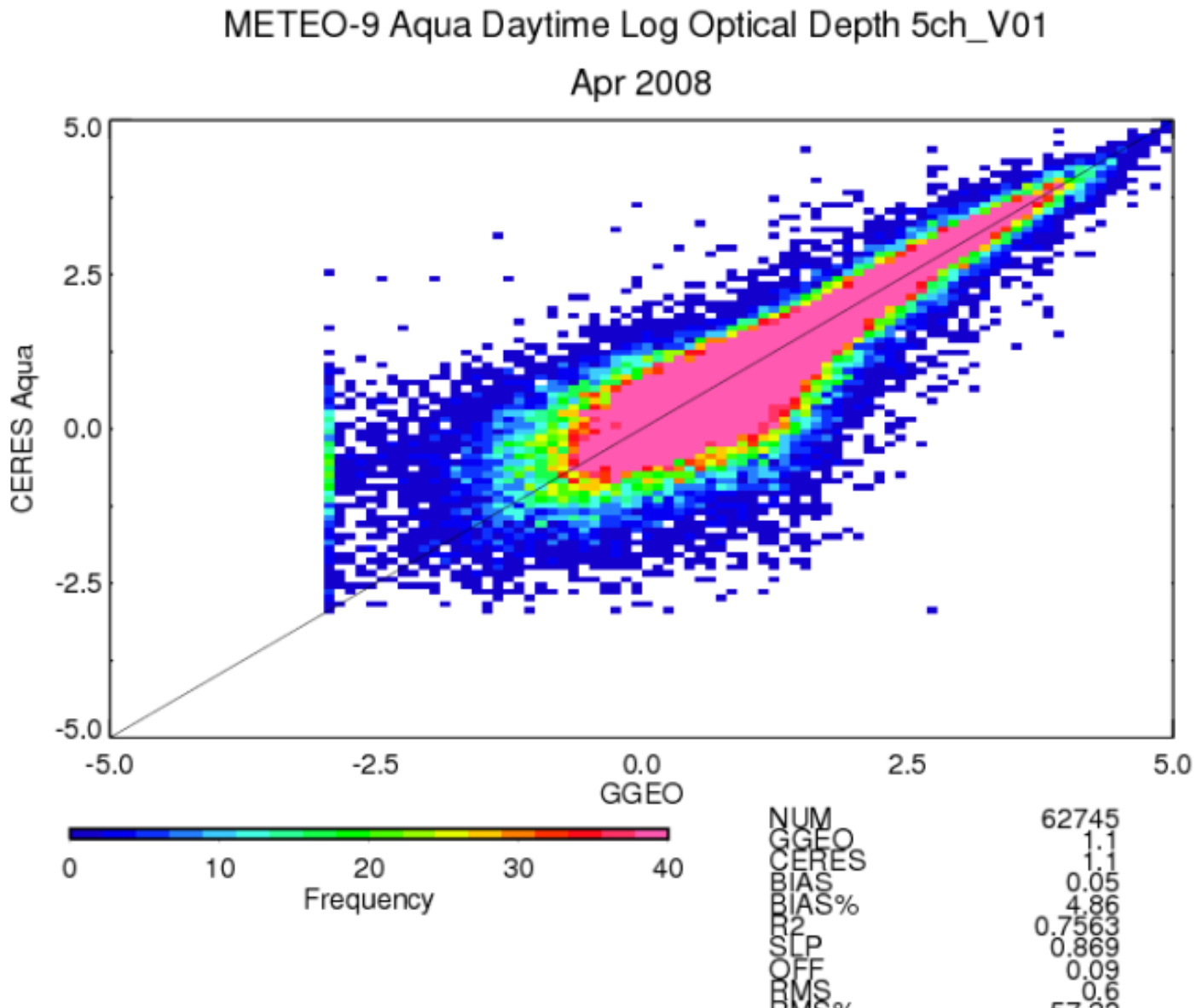
METEO-9 Aqua Daytime Cloud Amount (%) 5ch_V01

Apr 2008

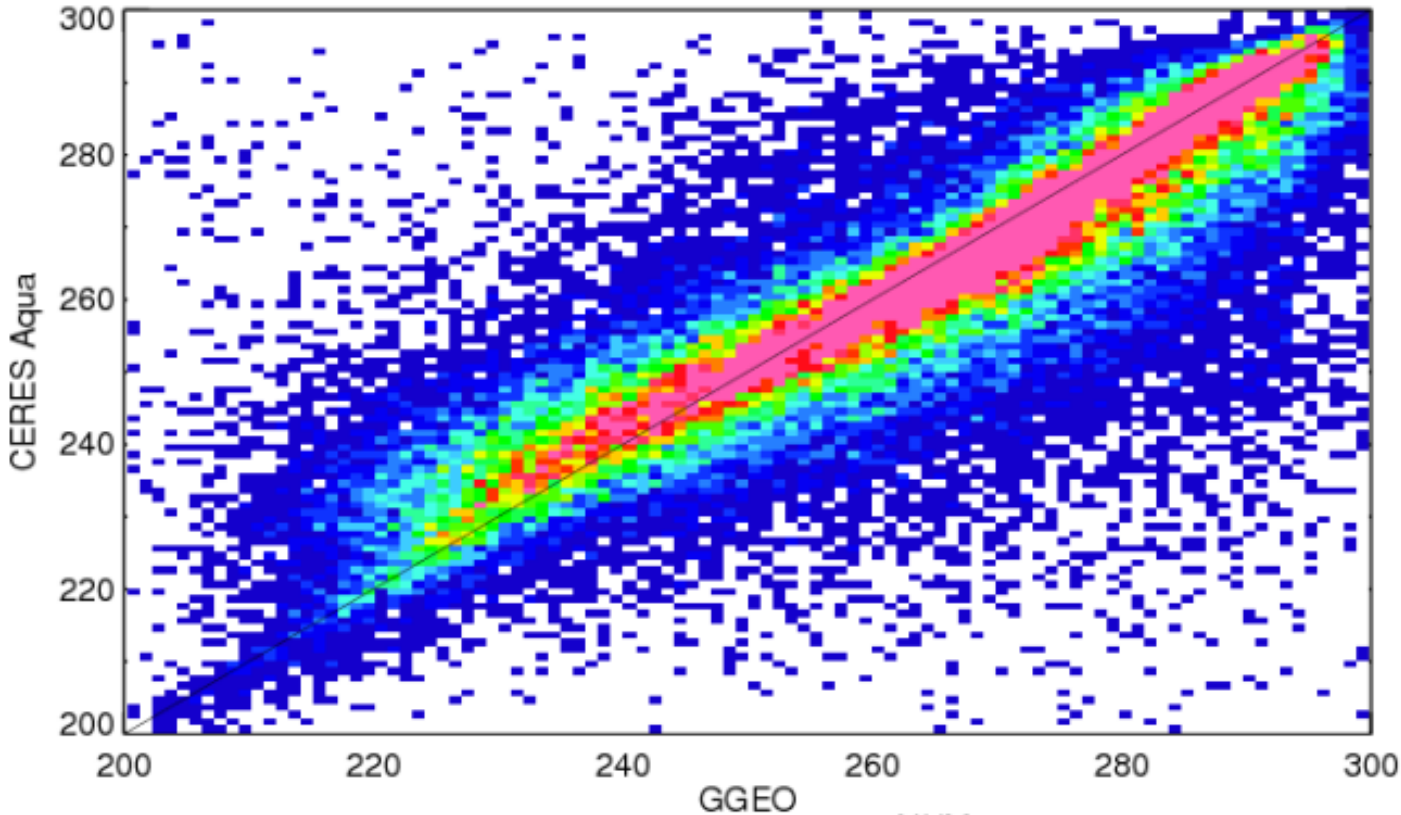


NUM	63001
GGEO	67.7
CERES	70.8
BIAS	-3.12
BIAS%	-4.40
R2	0.7457
SLP	0.781
OFF	17.94
RMS	17.8
RMS%	25.18


METEO-9 Aqua Daytime Log Optical Depth 5ch_V01
Apr 2008
CERES Aqua
GGEO
5.0
2.5
0.0
-2.5
-5.0
-5.0
-2.5
0.0
2.5
5.0
0
10
20
30
40
Frequency
NUM 62745
GGEO 1.1
CERES 1.1
BIAS 0.05
BIAS% 4.86
R2 0.7563
SLP 0.869
OFF 0.09
RMS 0.6
RMS% 57.32

METEO-9 Aqua Daytime Cloud Temperature (K) 5ch_V01

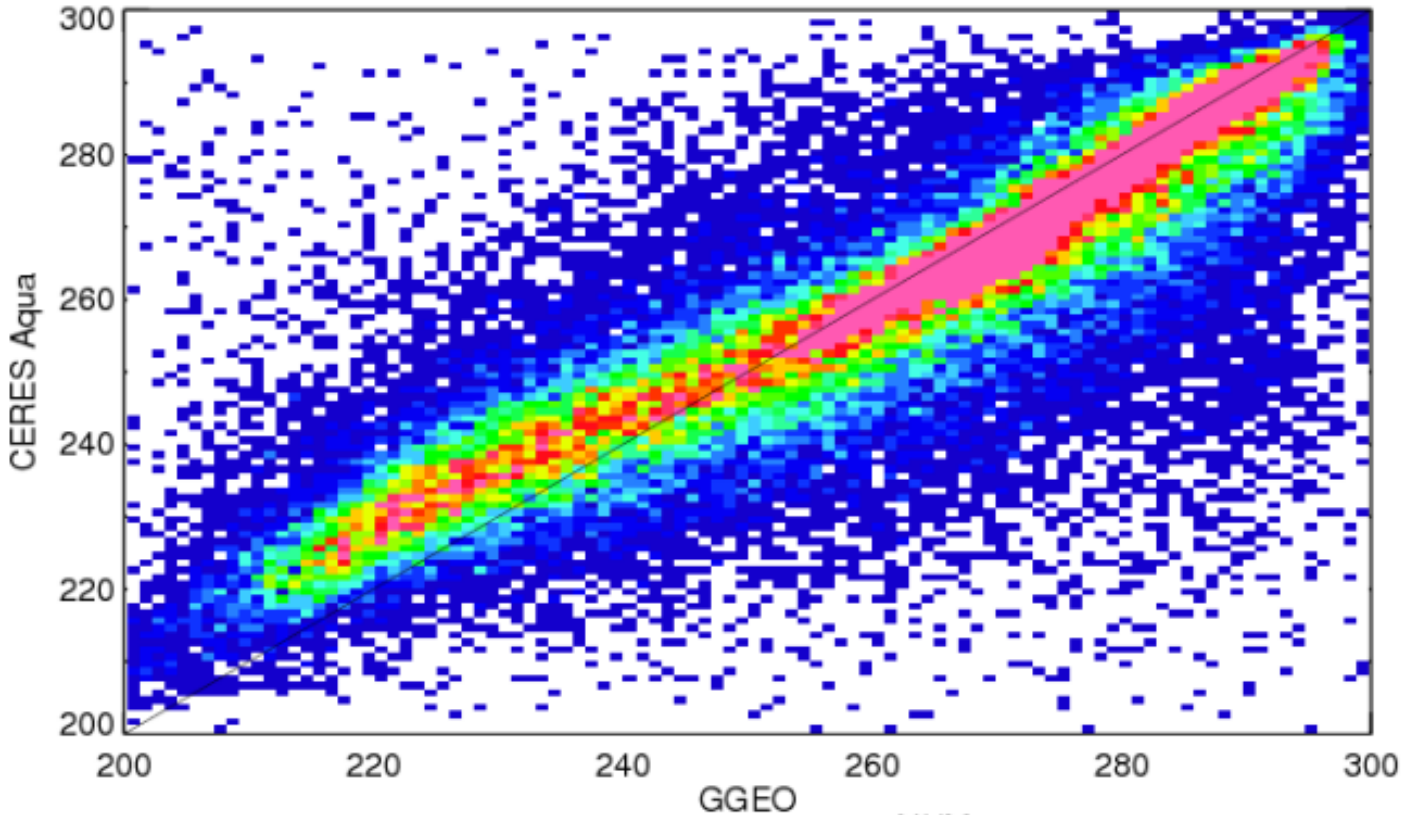
Apr 2008



NUM	62745
GGEO	264.1
CERES	262.6
BIAS	1.48
BIAS%	0.56
R2	0.7166
SLP	0.767
OFF	59.97
RMS	11.7
RMS%	4.46

METEO-9 Aqua Daytime Cloud Top Temperature (K) 5ch_V01

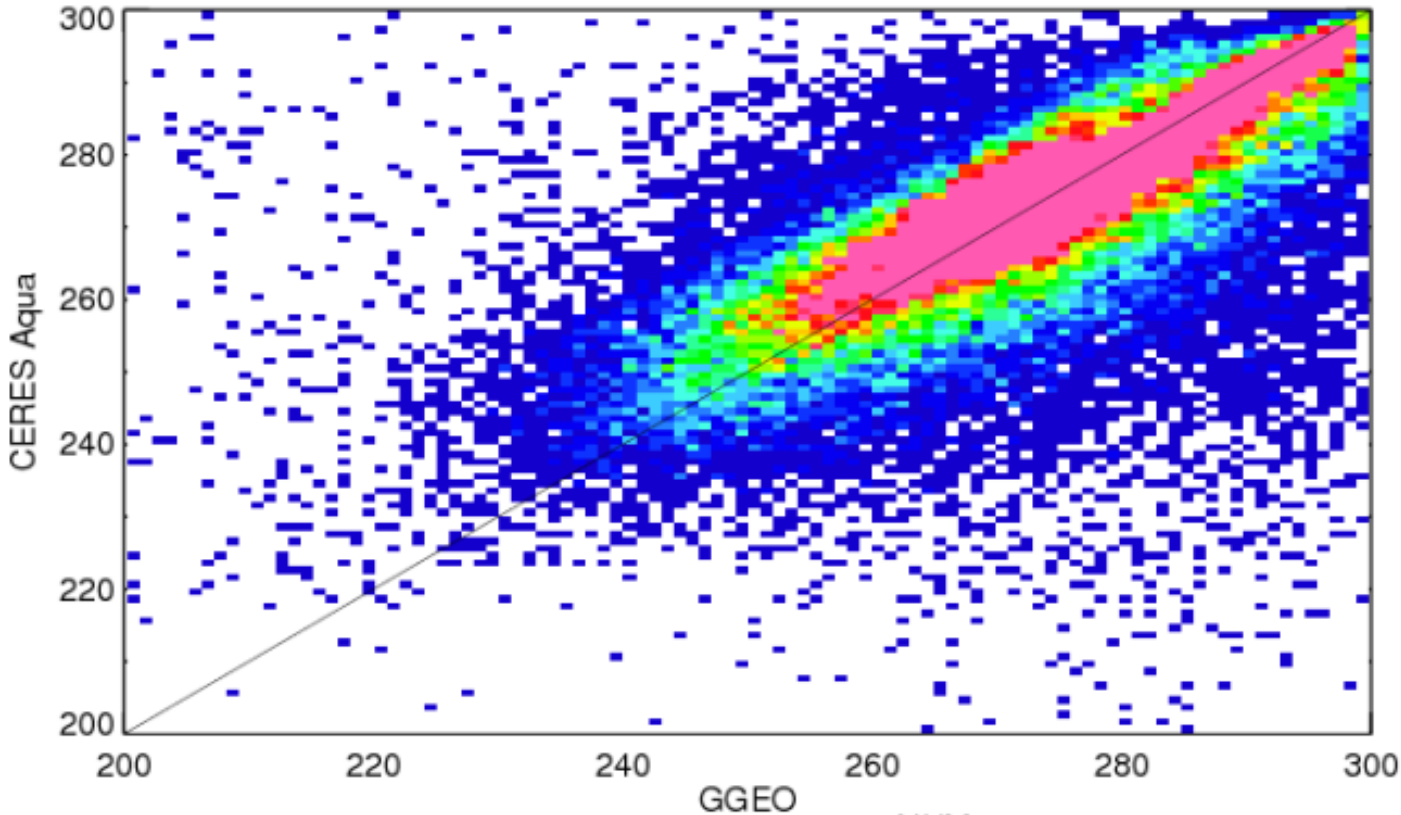
Apr 2008



NUM	62745
GGEO	261.4
CERES	260.6
BIAS	0.82
BIAS%	0.31
R2	0.7423
SLP	0.748
OFF	65.14
RMS	12.3
RMS%	4.73

METEO-9 Aqua Daytime Cloud Base Temperaure (K) 5ch_V01

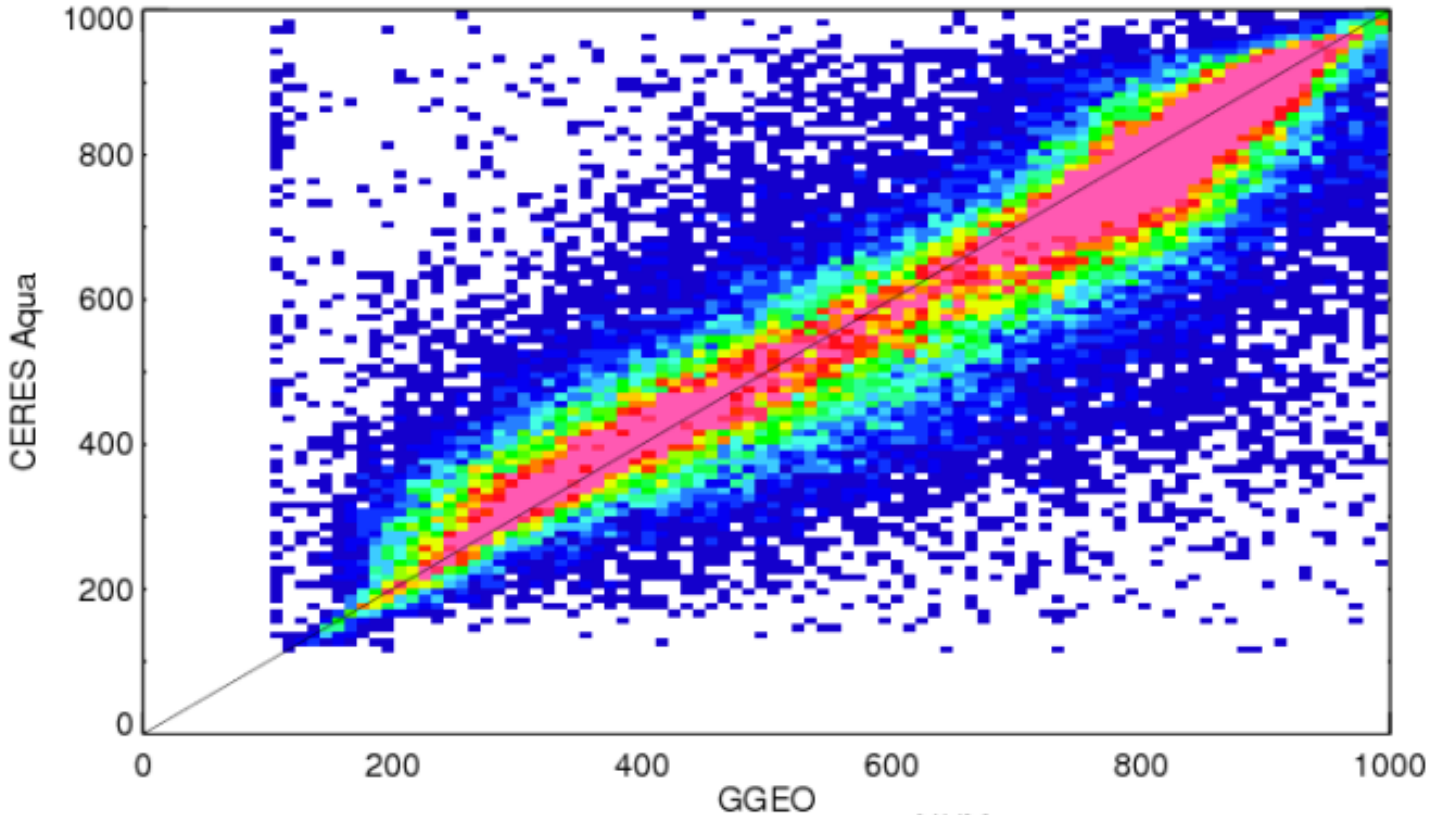
Apr 2008



NUM	62745
GGEO	273.7
CERES	272.6
BIAS	1.04
BIAS%	0.38
R2	0.5256
SLP	0.676
OFF	87.54
RMS	11.0
RMS%	4.03

METEO-9 Aqua Daytime Cloud Eff Pressure (mb) 5ch_V01

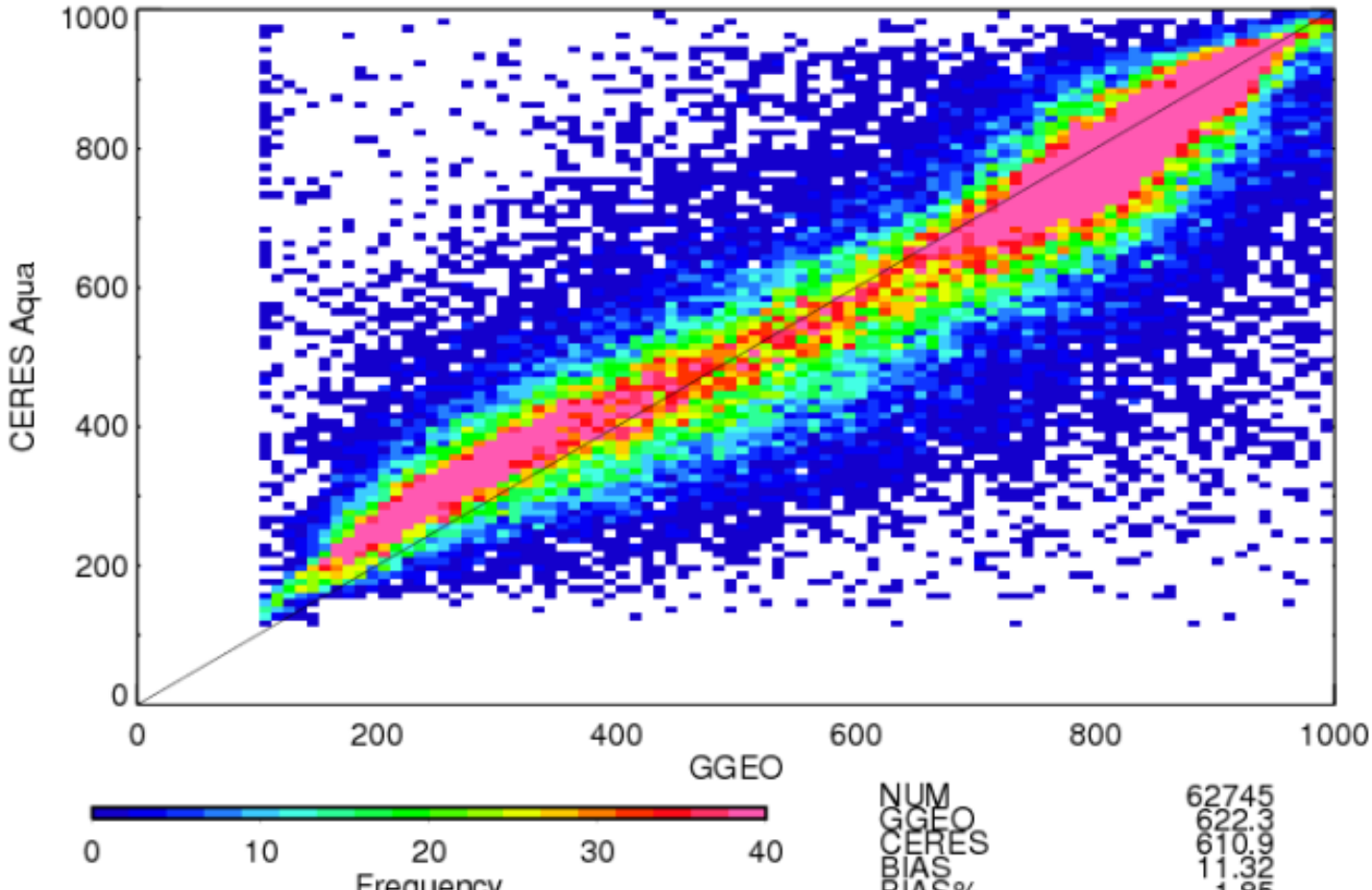
Apr 2008



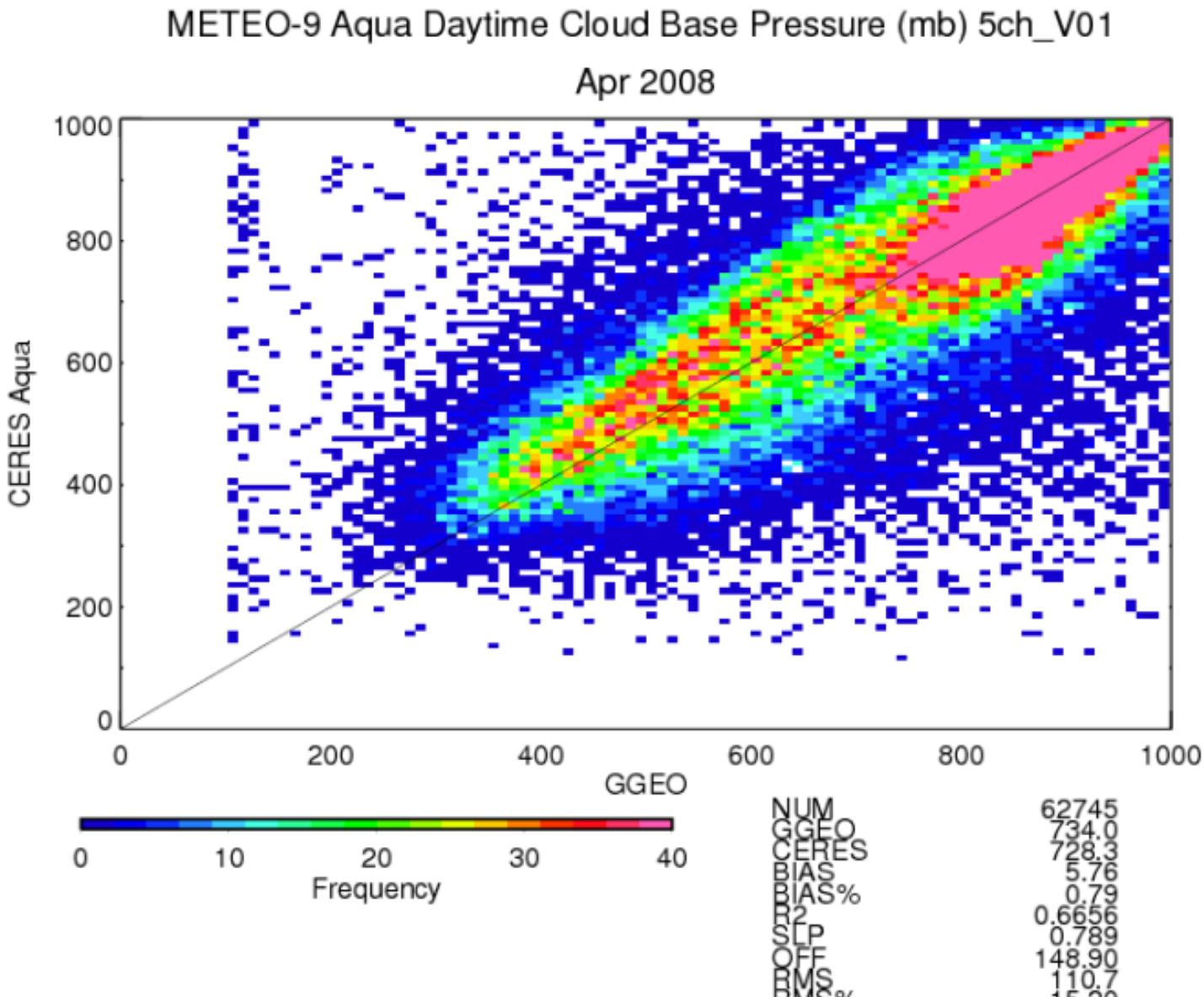
NUM	62745
GGEO	639.8
CERES	623.7
BIAS	16.08
BIAS%	2.58
R2	0.7785
SLP	0.833
OFF	90.85
RMS	106.6
RMS%	17.08

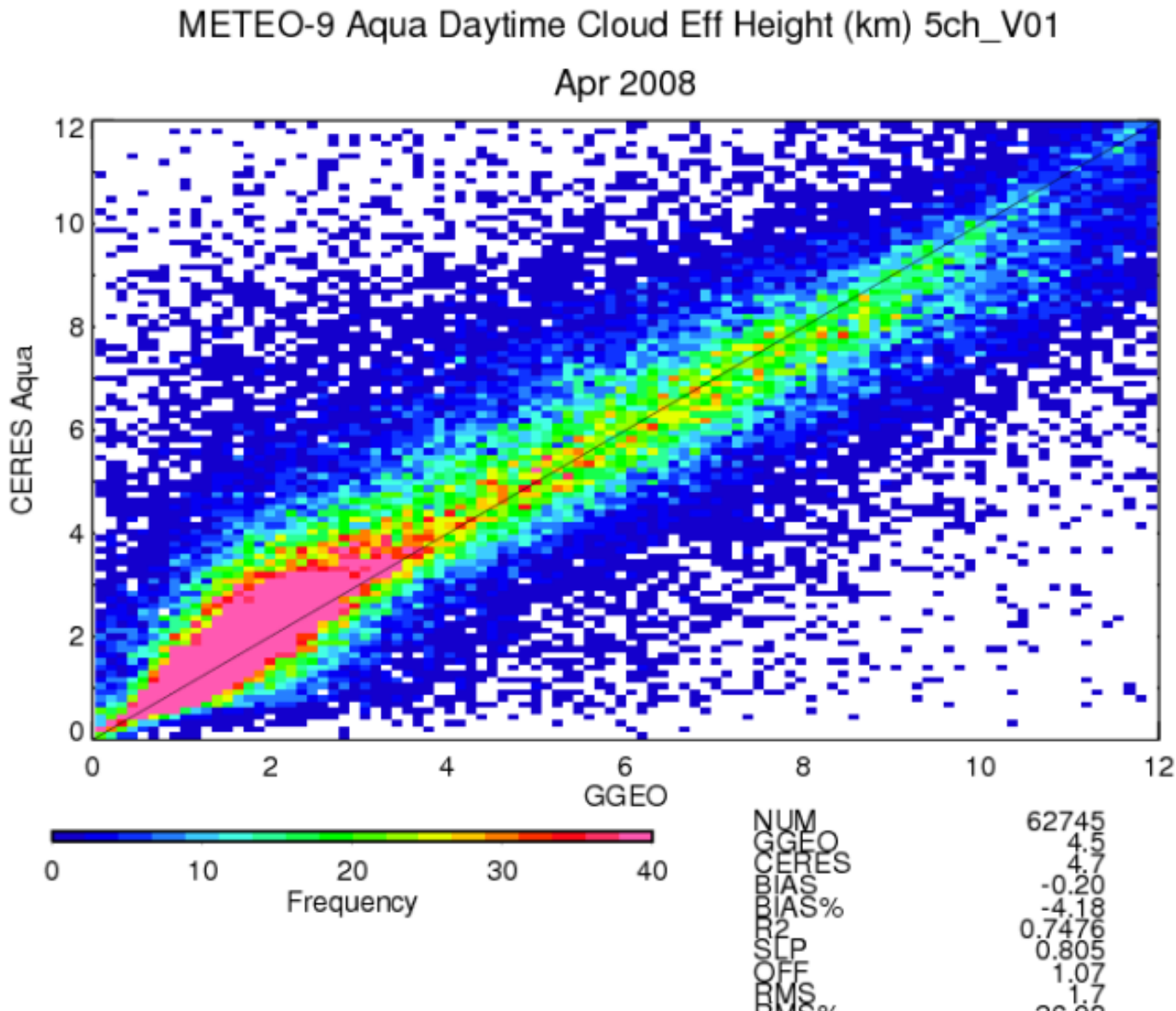
METEO-9 Aqua Daytime Cloud Top Pressure (mb) 5ch_V01

Apr 2008



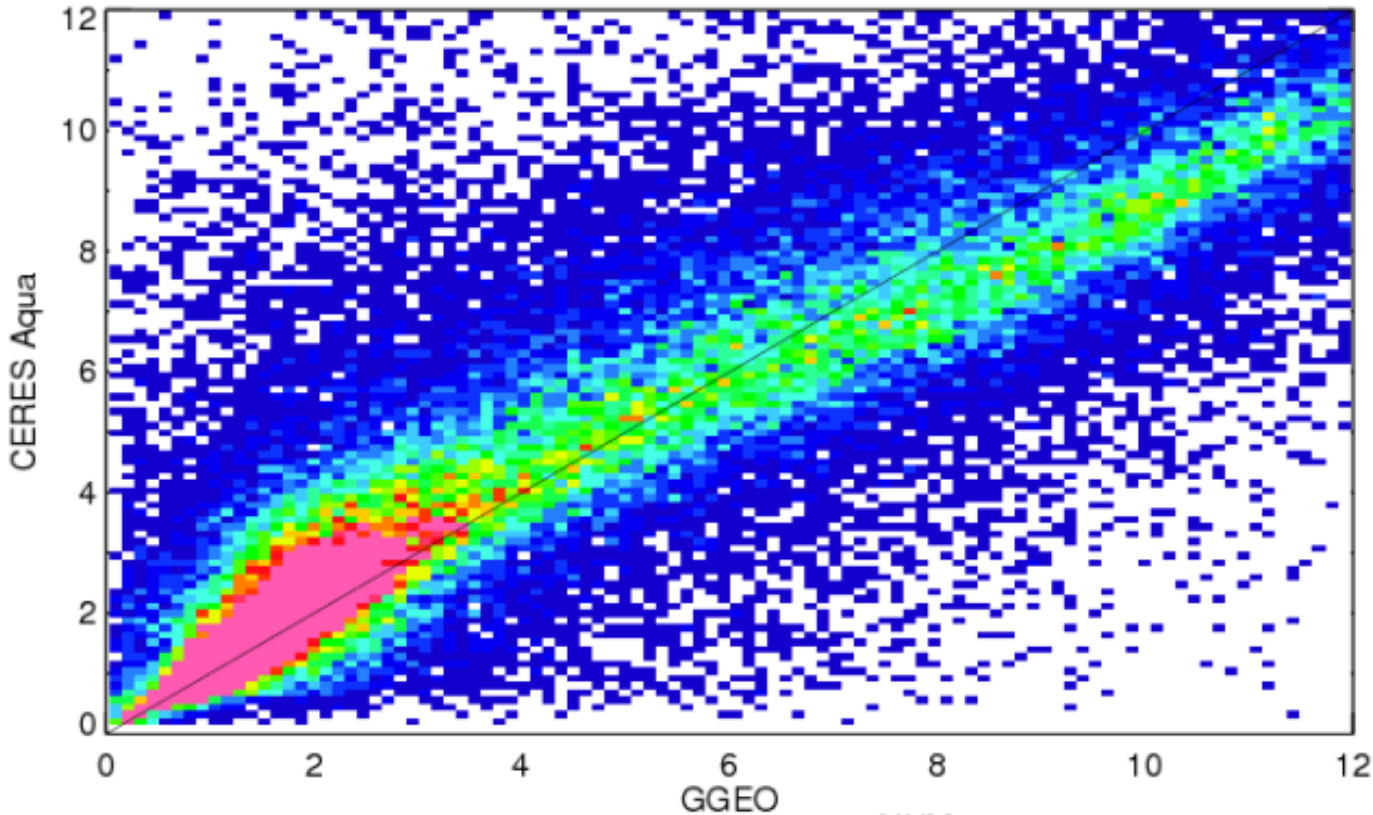
NUM	62745
GGEO	622.3
CERES	610.9
BIAS	11.32
BIAS%	1.85
R2	0.7863
SLP	0.813
OFF	105.20
RMS	110.7
RMS%	18.13


METEO-9 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 62745
GGEO 734.0
CERES 728.3
BIAS 5.76
BIAS% 0.79
R2 0.6656
SLP 0.789
OFF 148.90
RMS 110.7
RMS% 15.20


METEO-9 Aqua Daytime Cloud Eff Height (km) 5ch_V01
Apr 2008
CERES Aqua
GGEO
Frequency
NUM 62745
GGEO 4.5
CERES 4.7
BIAS -0.20
BIAS% -4.18
R2 0.7476
SLP 0.805
OFF 1.07
RMS 1.7
RMS% 36.92

METEO-9 Aqua Daytime Cloud Top Height (km) 5ch_V01

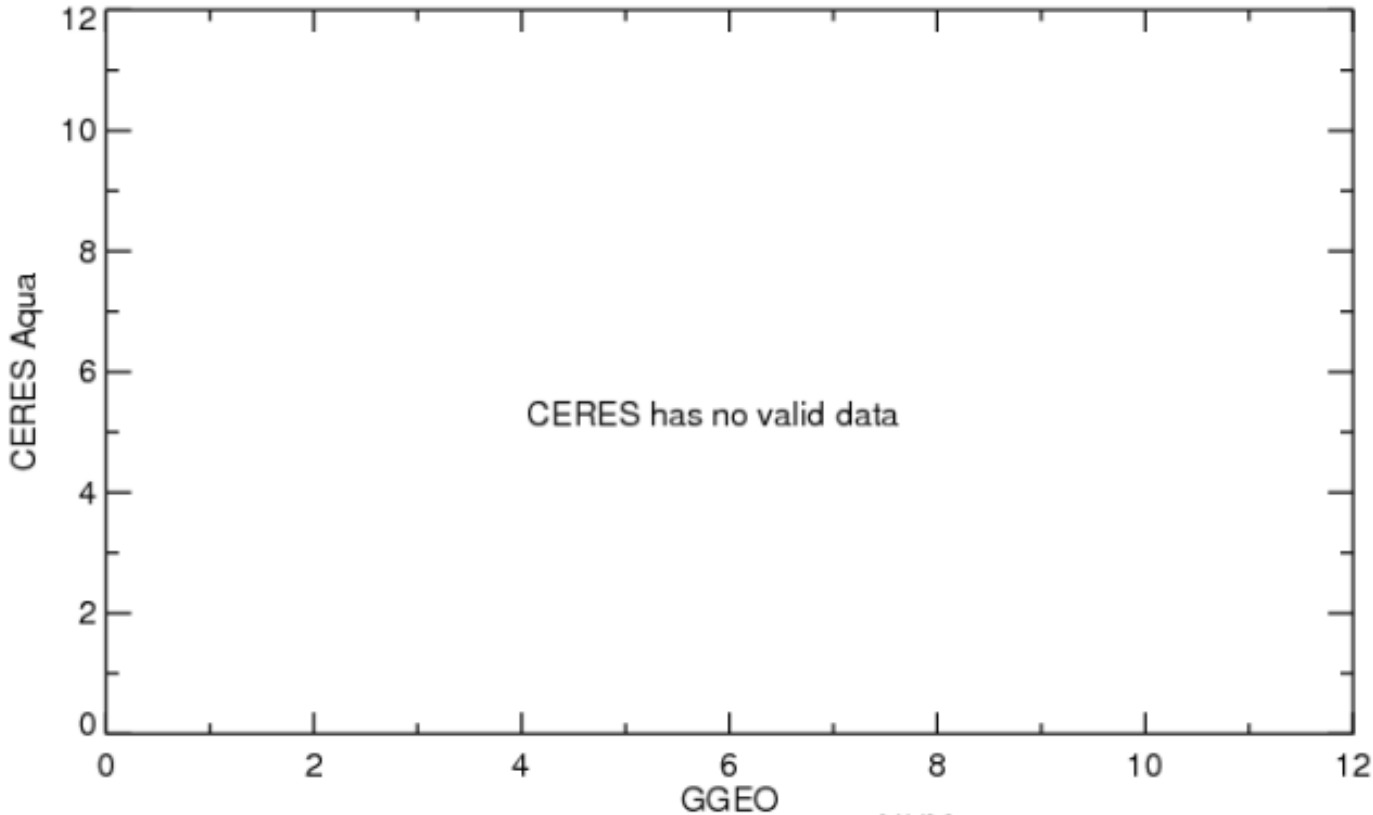
Apr 2008



NUM	62745
GGEO	4.9
CERES	5.0
BIAS	-0.06
BIAS%	-1.19
R2	0.7616
SLP	0.770
OFF	1.18
RMS	1.9
RMS%	37.55

METEO-9 Aqua Daytime Cloud Base Height (km) 5ch_V01

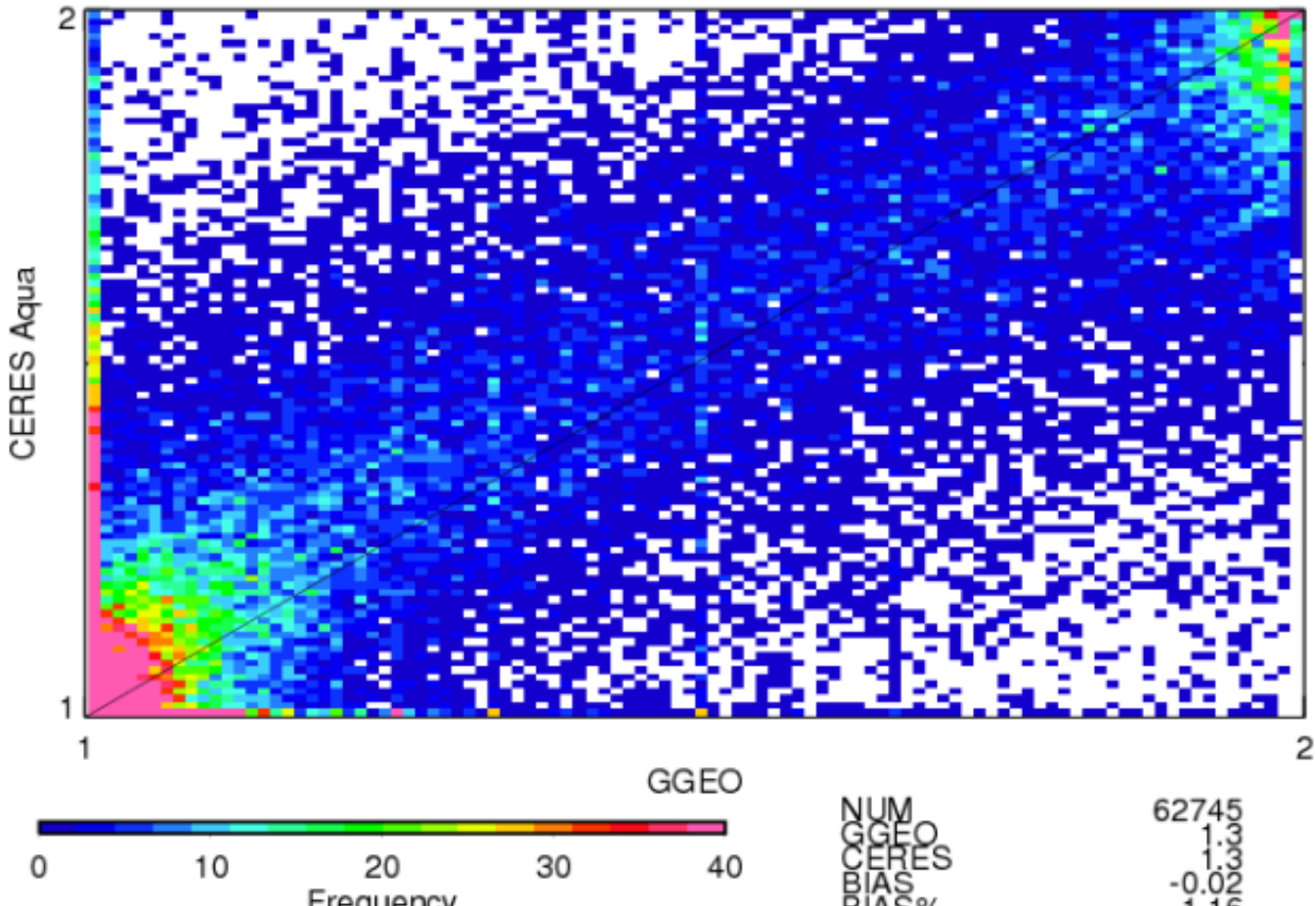
Apr 2008



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-9 Aqua Daytime Cloud Phase 5ch_V01

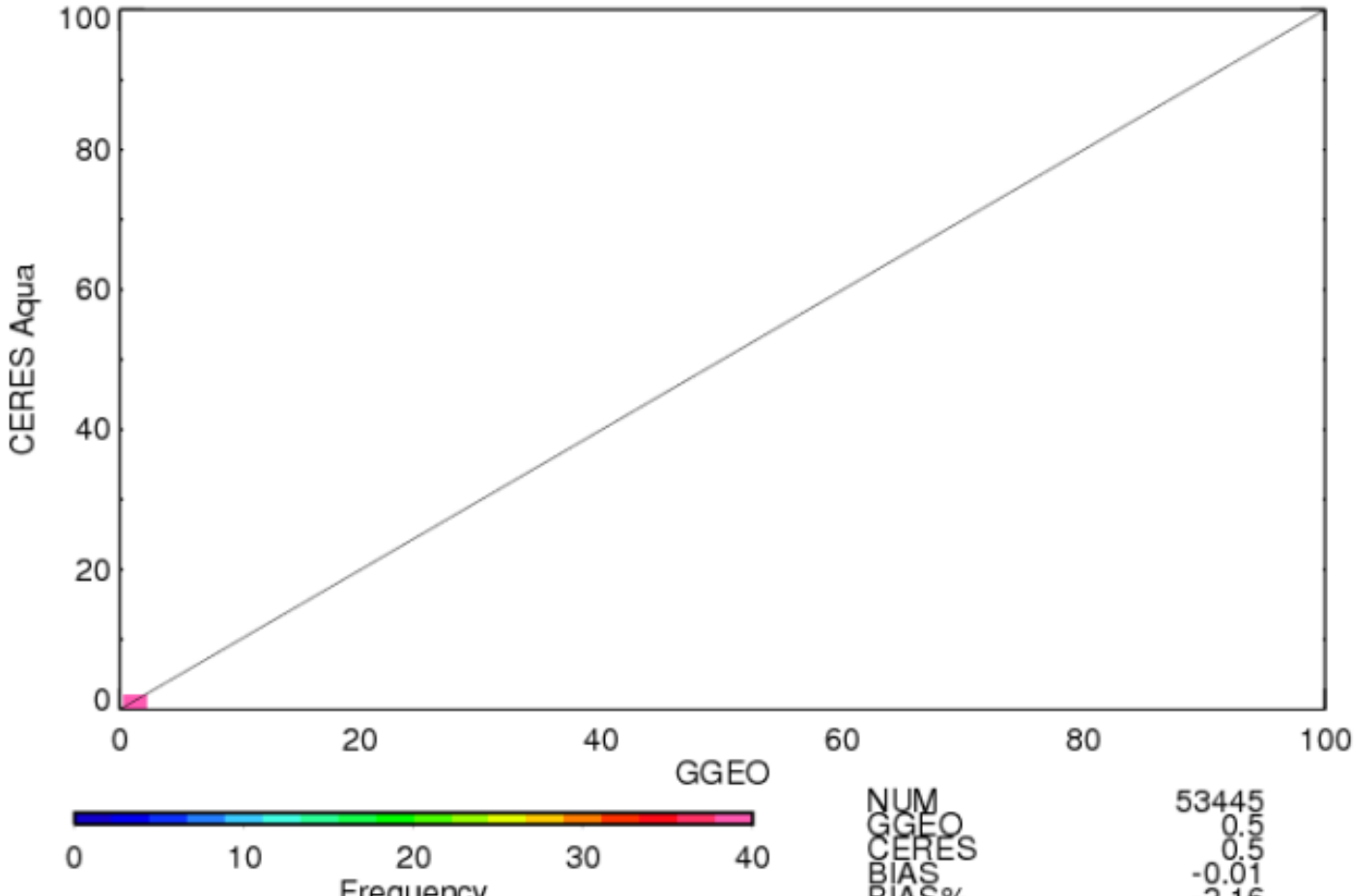
Apr 2008



NUM	62745
GGEO	1.3
CERES	1.3
BIAS	-0.02
BIAS%	-1.16
R2	0.7223
SLP	0.777
OFF	0.31
RMS	0.2
RMS%	15.16

METEO-9 Aqua Daytime Liquid Cld Amt (%) 5ch_V01

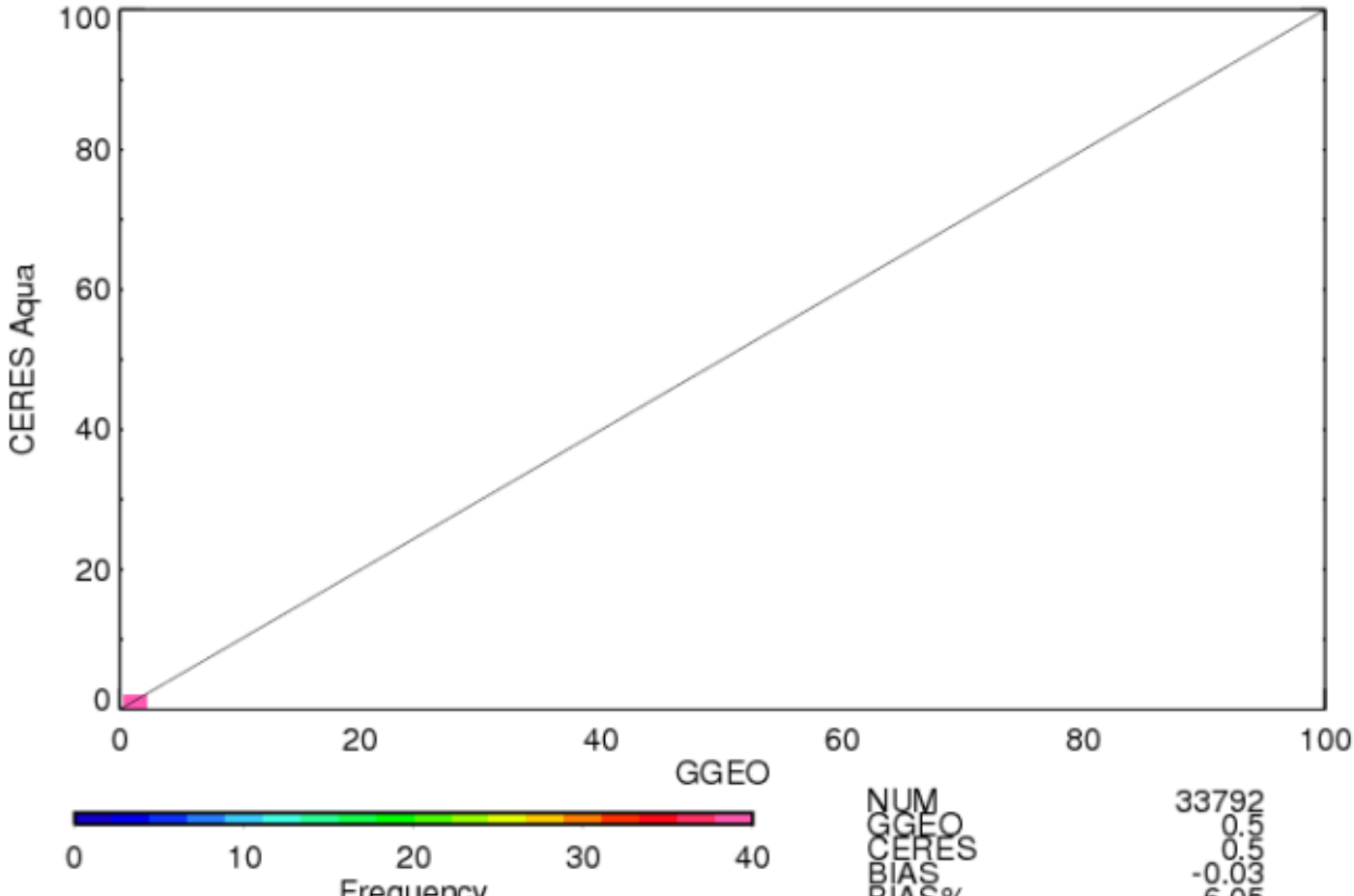
Apr 2008



NUM	53445
GGEO	0.5
CERES	0.5
BIAS	-0.01
BIAS%	-2.16
R2	0.5909
SLP	0.654
OFF	0.18
RMS	0.2
RMS%	42.50

METEO-9 Aqua Daytime Ice Cld Amt (%) 5ch_V01

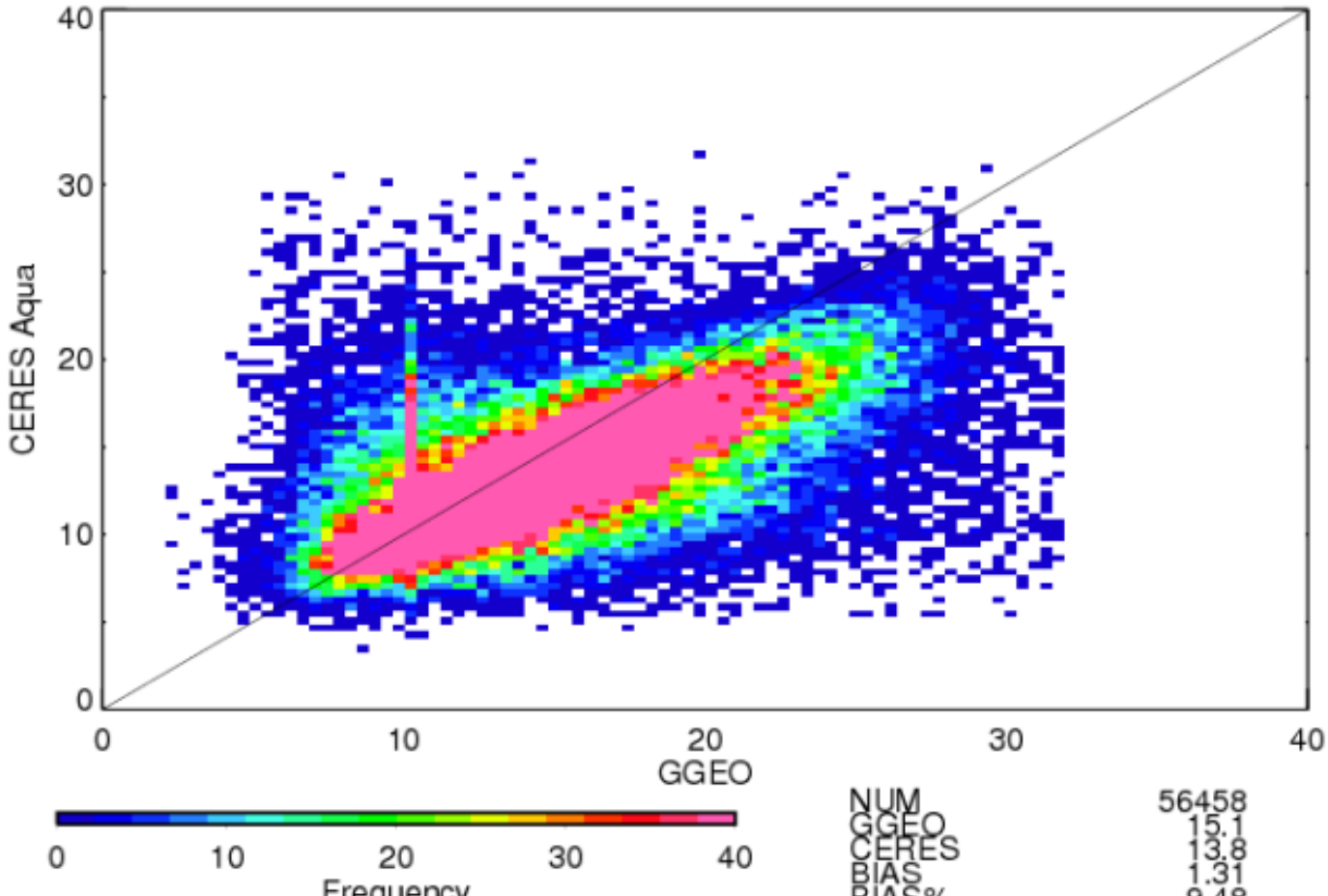
Apr 2008



NUM	33792
GGEO	0.5
CERES	0.5
BIAS	-0.03
BIAS%	-6.05
R2	0.6800
SLP	0.714
OFF	0.17
RMS	0.2
RMS%	40.55

METEO-9 Aqua Daytime Liquid Particle Size (microns) 5ch_V01

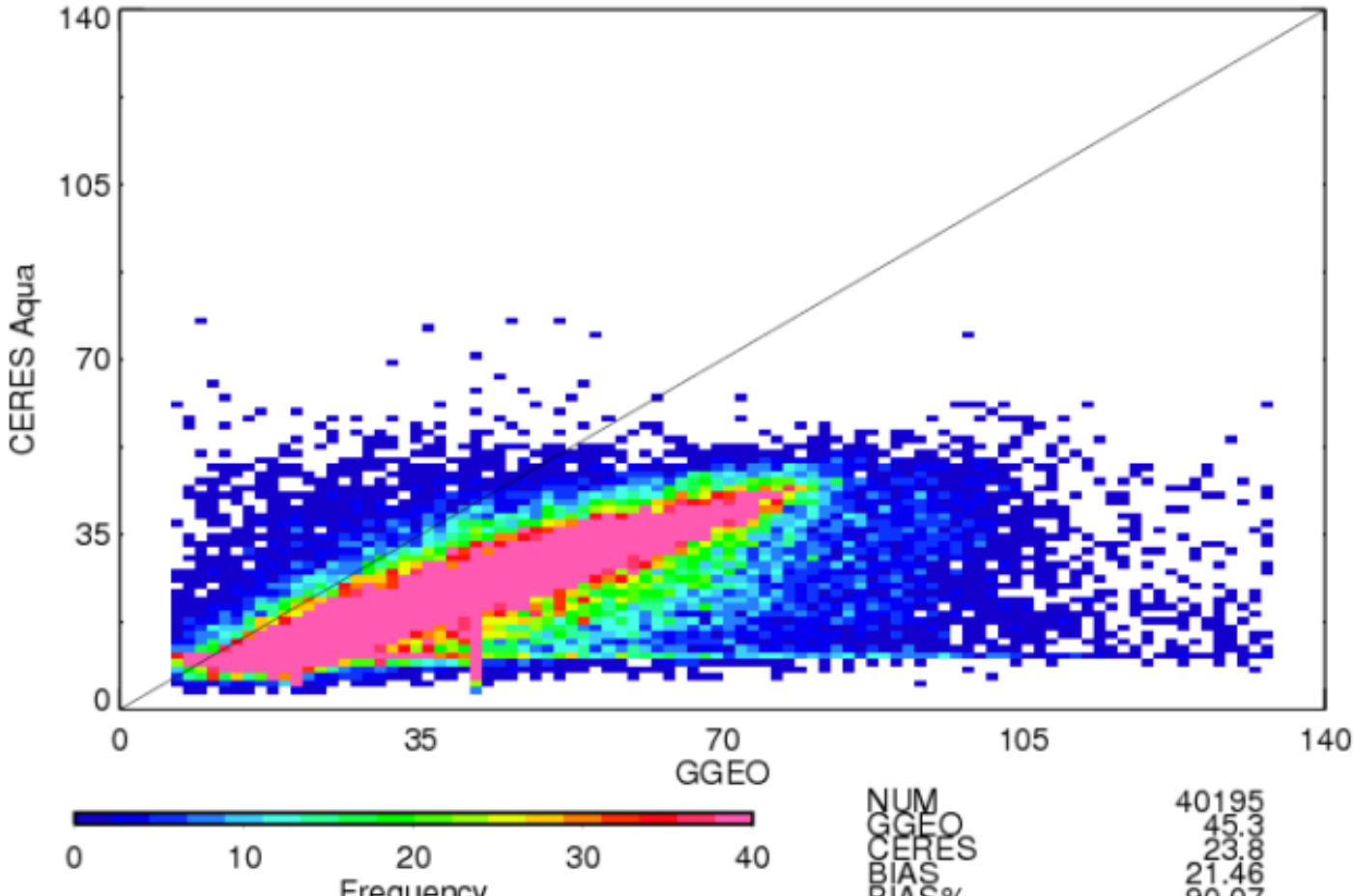
Apr 2008



NUM	56458
GGEO	15.1
CERES	13.8
BIAS	1.31
BIAS%	9.48
R2	0.3523
SLP	0.452
OFF	6.96
RMS	4.3
RMS%	31.13

METEO-9 Aqua Daytime Ice Particle Size (microns) 5ch_V01

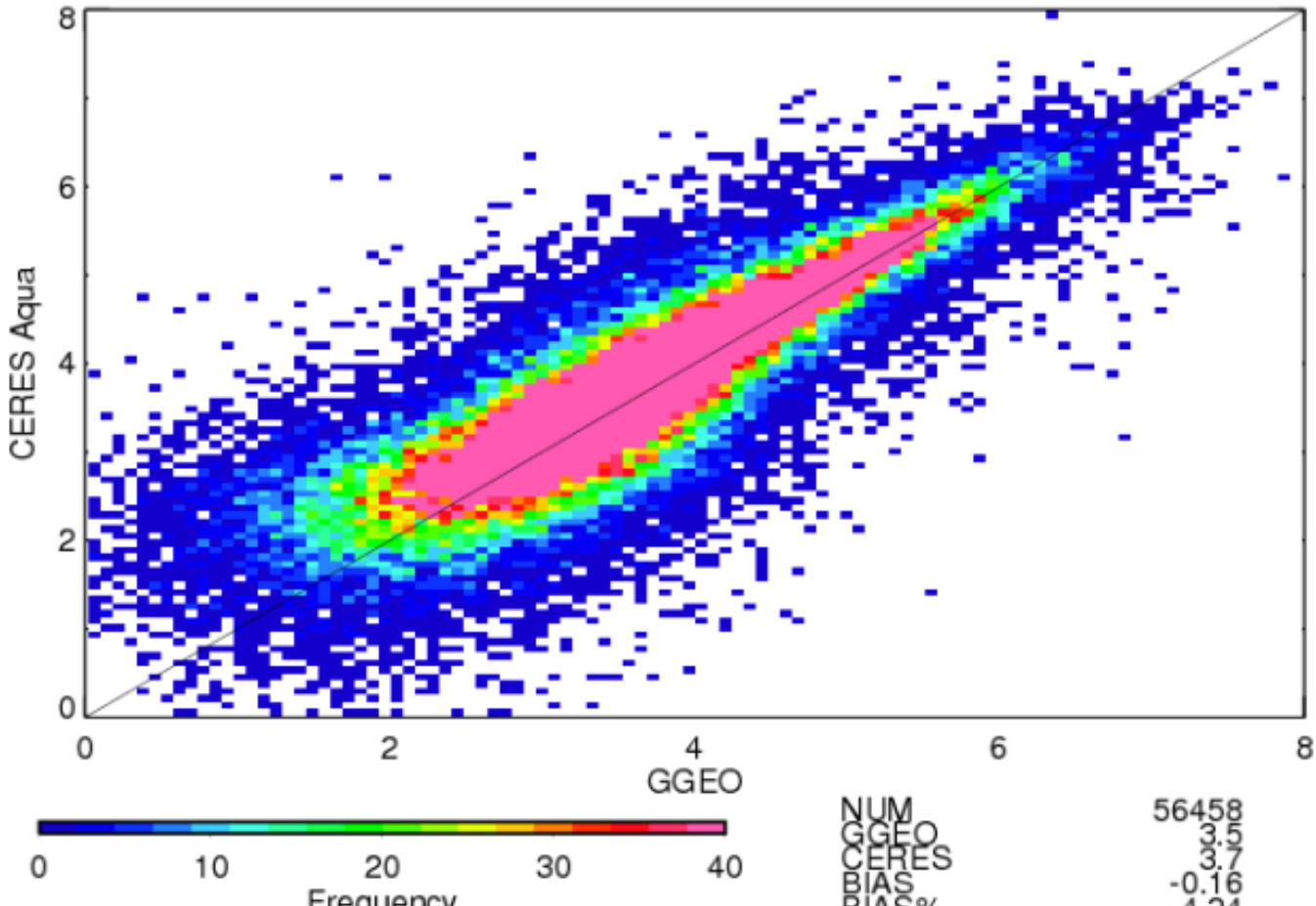
Apr 2008



NUM	40195
GGEO	45.3
CERES	23.8
BIAS	21.46
BIAS%	90.07
R2	0.3417
SLP	0.294
OFF	10.52
RMS	28.0
RMS%	117.35

METEO-9 Aqua Daytime Log Liquid Water Path (g/m2) 5ch_V01

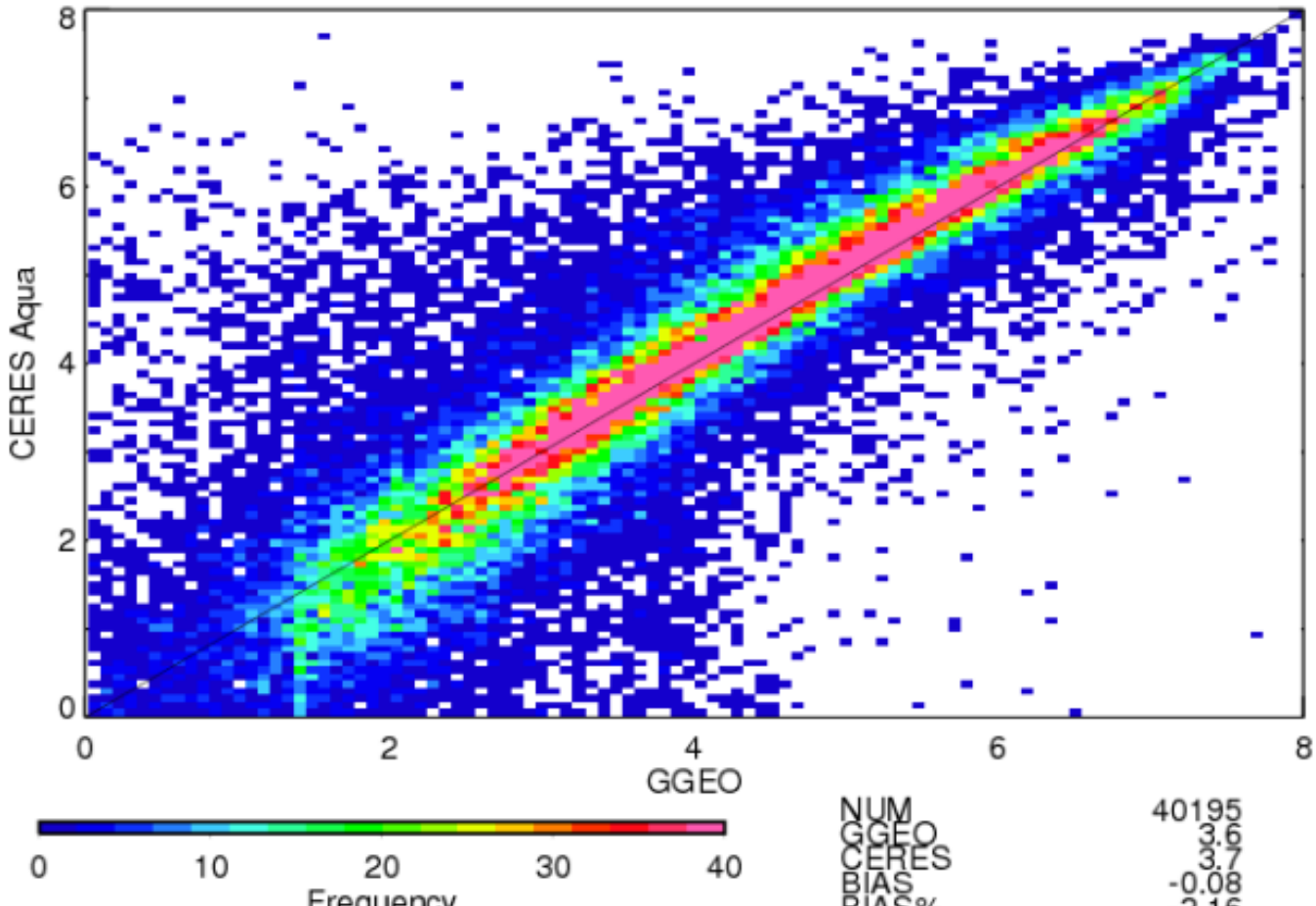
Apr 2008



NUM	56458
GGEO	3.5
CERES	3.7
BIAS	-0.16
BIAS%	-4.24
R2	0.7189
SLP	0.790
OFF	0.90
RMS	0.6
RMS%	17.28

METEO-9 Aqua Daytime Log Ice Water Path (g/m2) 5ch_V01

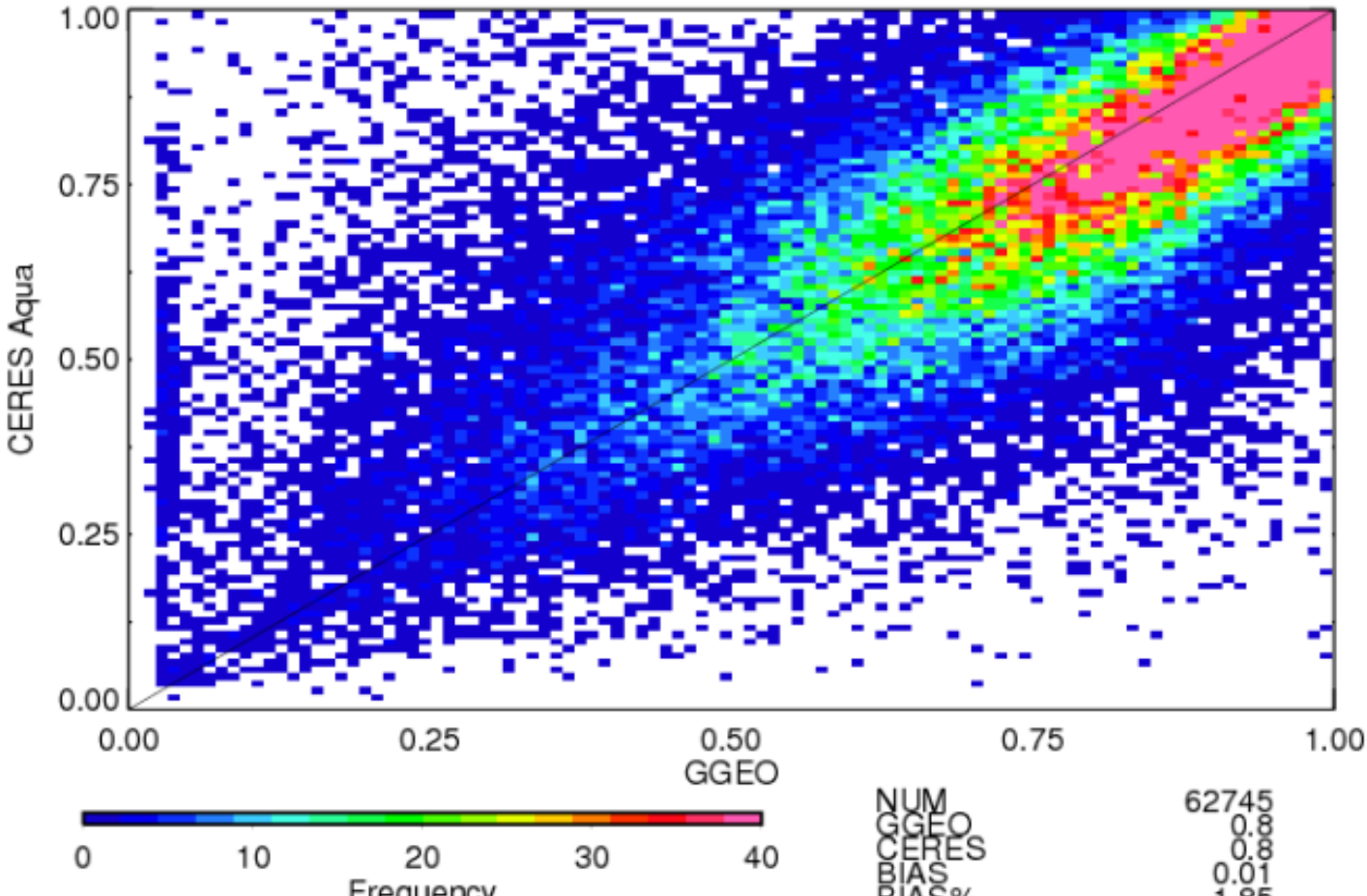
Apr 2008



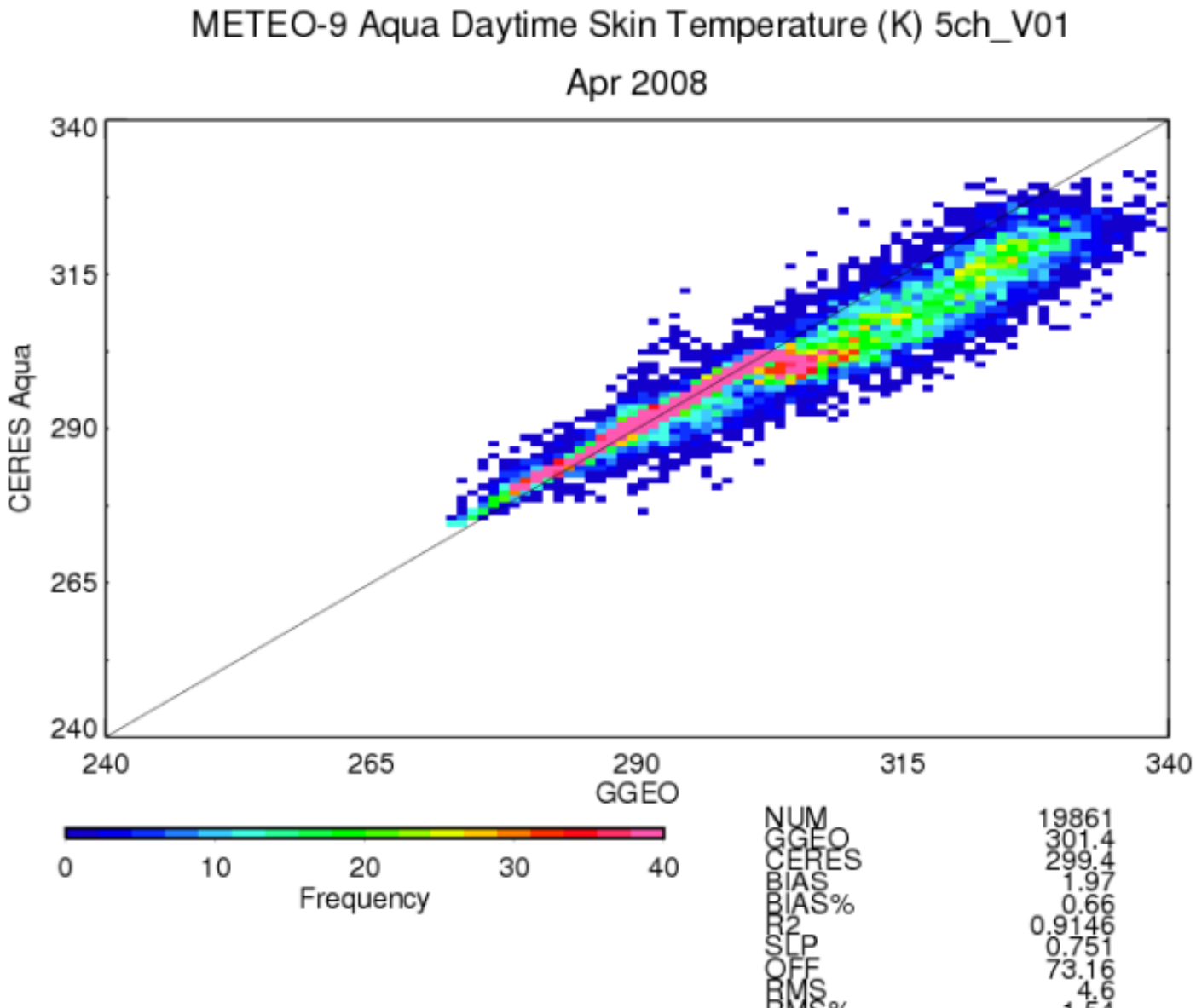
NUM	40195
GGEO	3.6
CERES	3.7
BIAS	-0.08
BIAS%	-2.16
R2	0.7292
SLP	0.915
OFF	0.39
RMS	1.1
RMS%	28.35

METEO-9 Aqua Daytime Emissivity 5ch_V01

Apr 2008

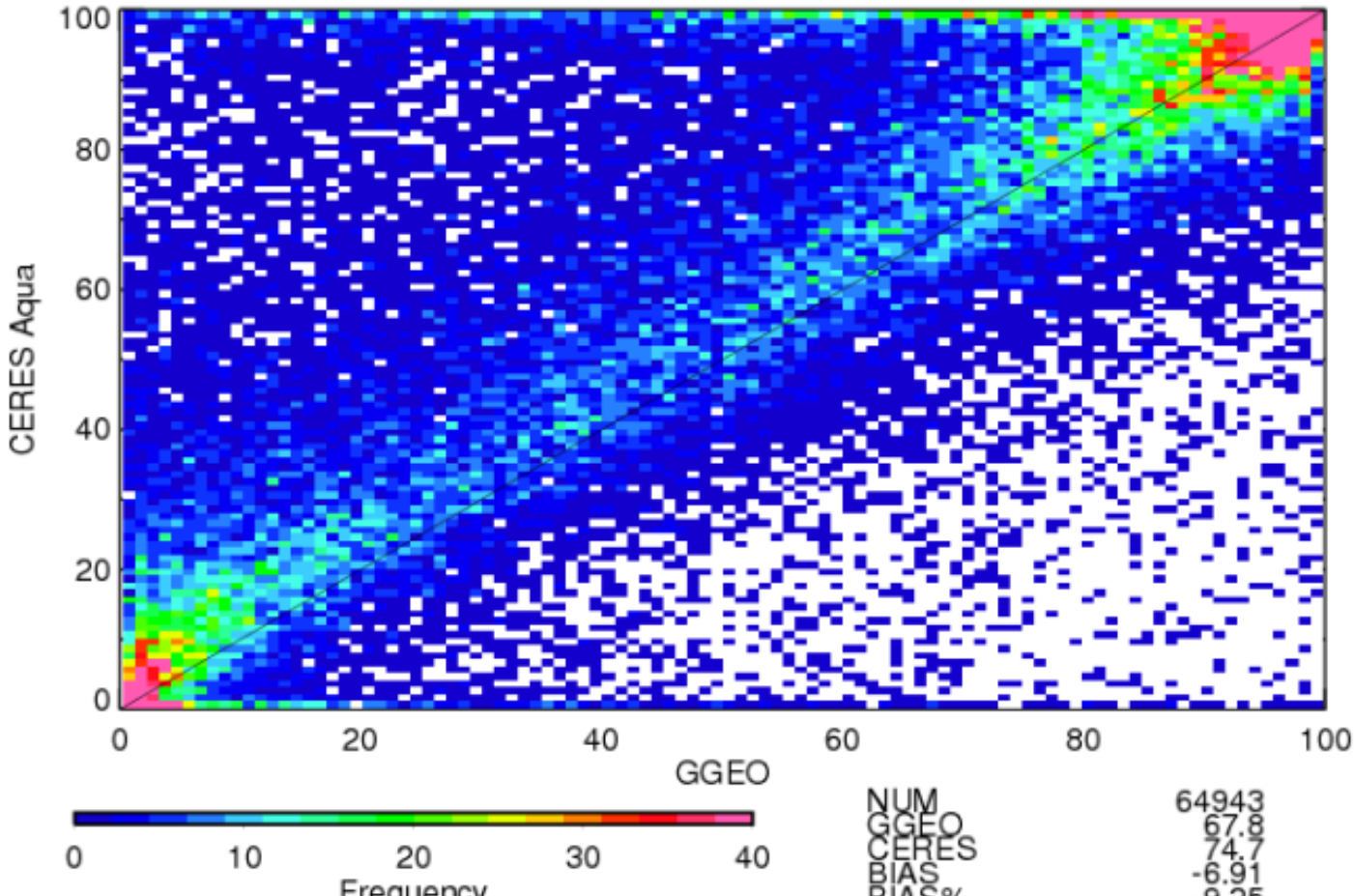


NUM	62745
GGEO	0.8
CERES	0.8
BIAS	0.01
BIAS%	1.85
R2	0.6009
SLP	0.734
OFF	0.19
RMS	0.1
RMS%	19.72


METEO-9 Aqua Daytime Skin Temperature (K) 5ch_V01
Apr 2008
CERES Aqua
GGEO
340
315
290
265
240
240
265
290
315
340
0
10
20
30
40
Frequency
NUM 19861
GGEO 301.4
CERES 299.4
BIAS 1.97
BIAS% 0.66
R2 0.9146
SLP 0.751
OFF 73.16
RMS 4.6
RMS% 1.54

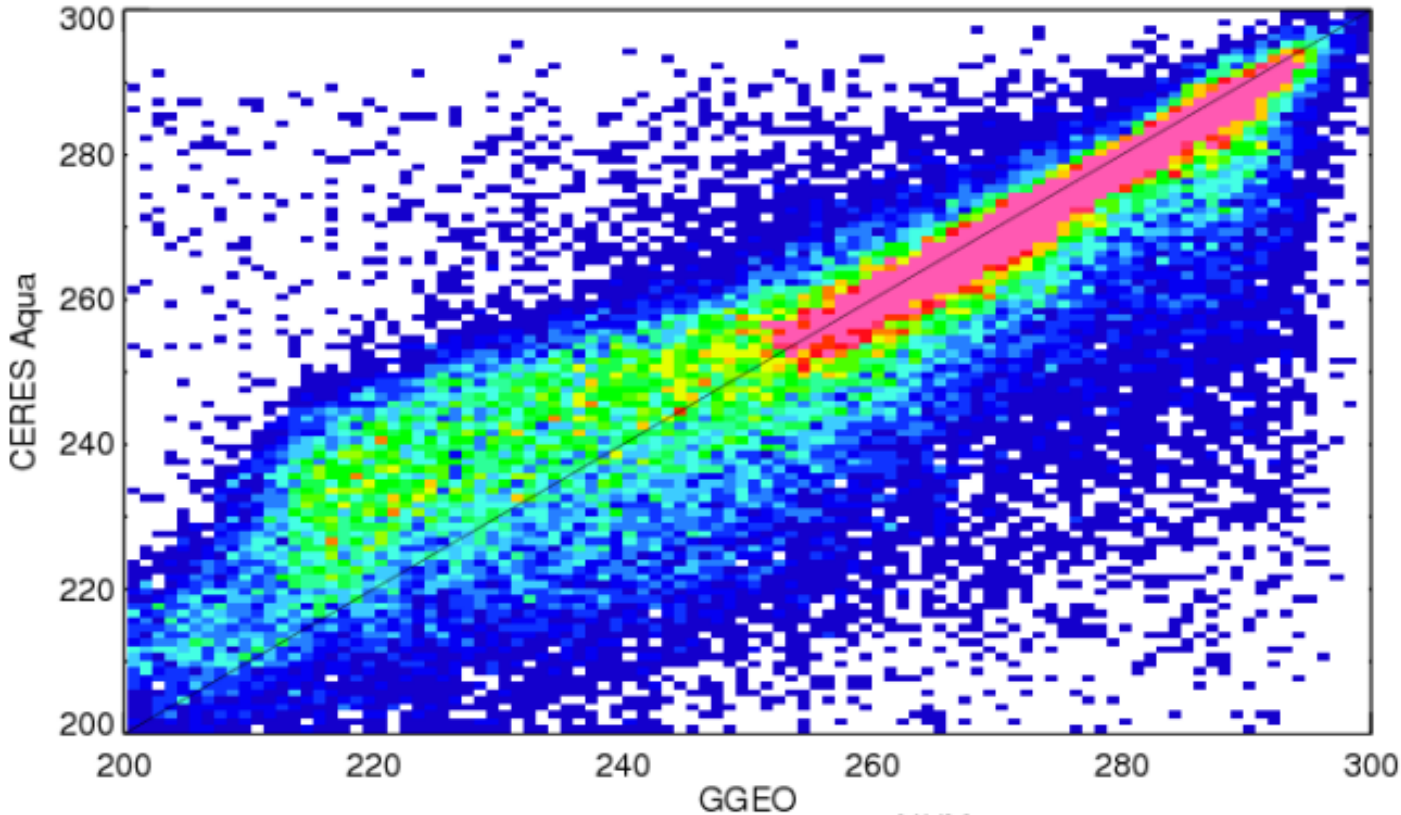
METEO-9 Aqua Night-time Cloud Amount (%) 5ch_V01

Apr 2008



METEO-9 Aqua Night-time Cloud Temperature (K) 5ch_V01

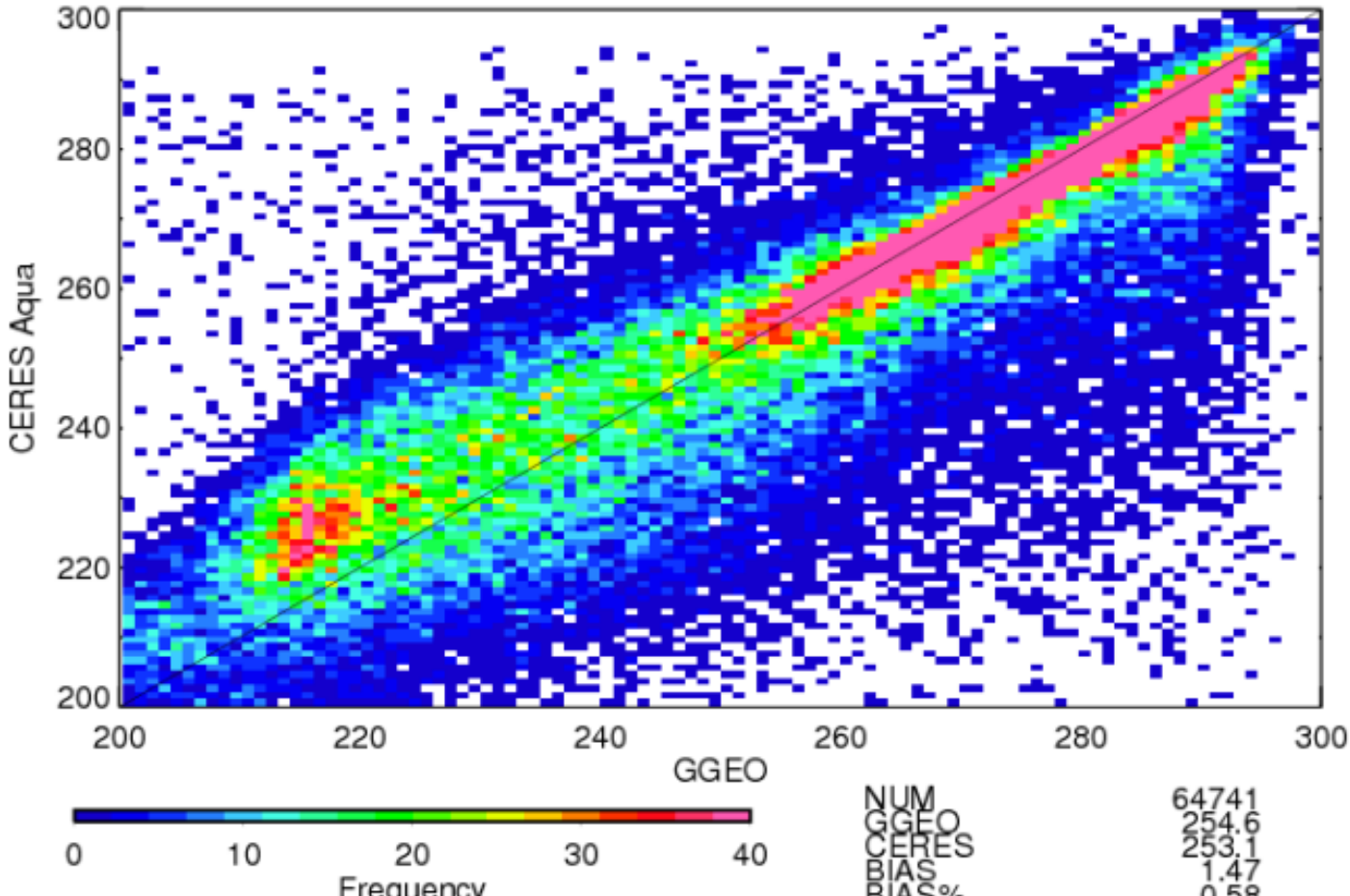
Apr 2008



NUM	64741
GGEO	257.0
CERES	255.7
BIAS	1.28
BIAS%	0.50
R2	0.7119
SLP	0.771
OFF	57.63
RMS	13.7
RMS%	5.36

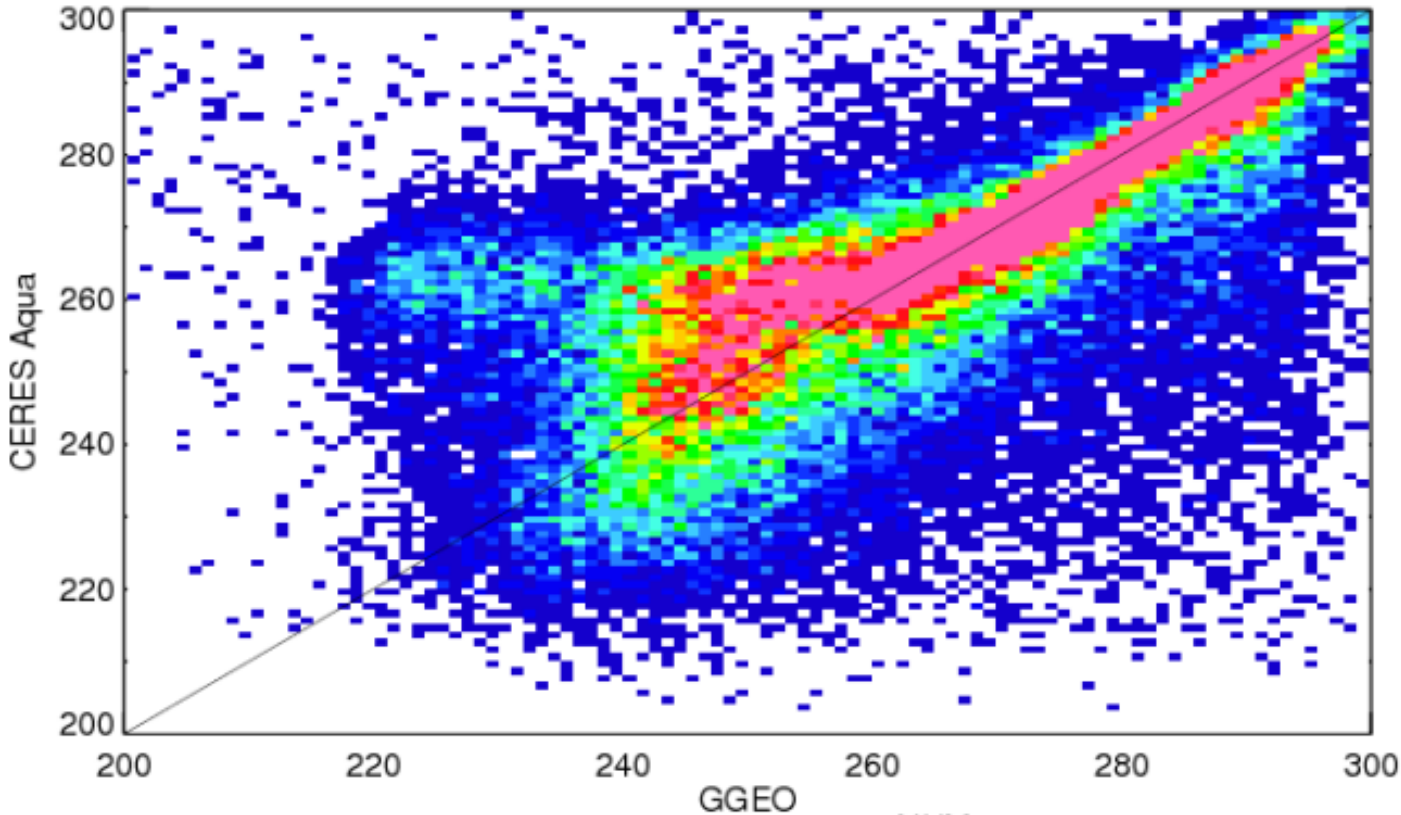
METEO-9 Aqua Night-time Cloud Top Temperature (K) 5ch_V01

Apr 2008



METEO-9 Aqua Night-time Cloud Base Temperature (K) 5ch_V01

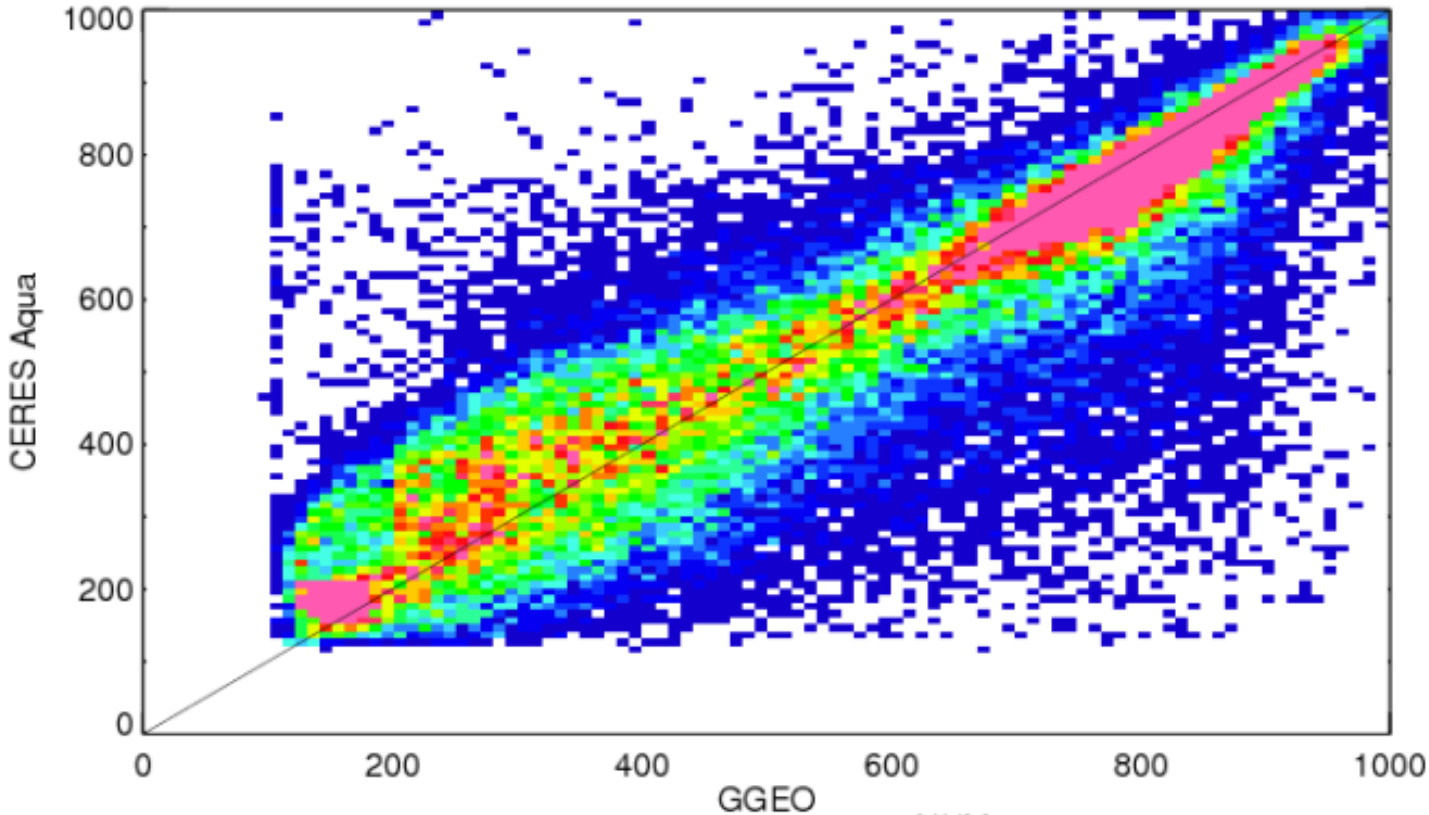
Apr 2008



NUM	64741
GGEO	264.7
CERES	264.7
BIAS	-0.07
BIAS%	-0.03
R2	0.4930
SLP	0.648
OFF	93.12
RMS	14.4
RMS%	5.44

METEO-9 Aqua Night-time Cloud Eff Pressure (mb) 5ch_V01

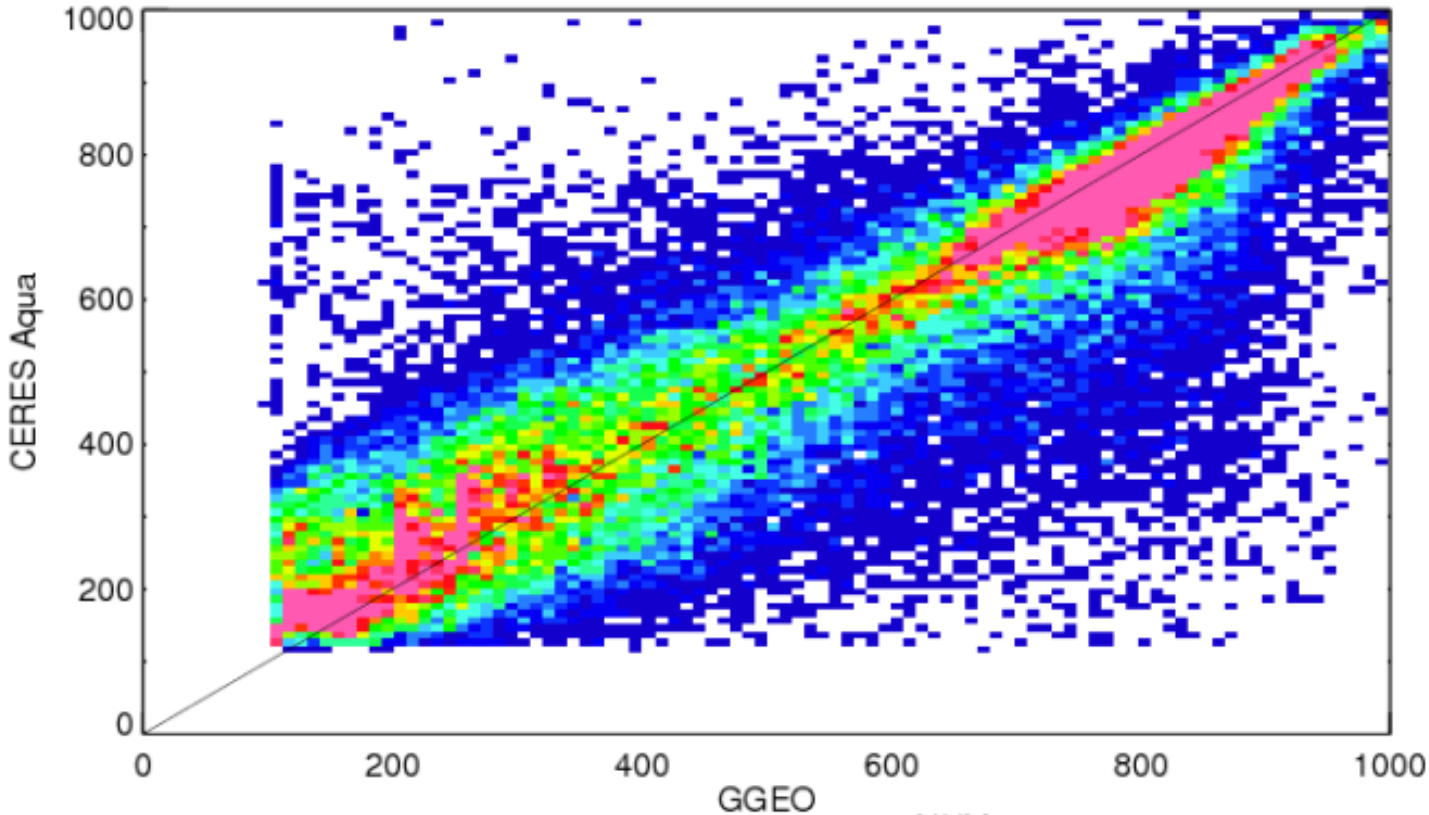
Apr 2008



NUM	64741
GGEO	581.7
CERES	568.4
BIAS	13.24
BIAS%	2.33
R2	0.7952
SLP	0.826
OFF	88.09
RMS	113.2
RMS%	19.92

METEO-9 Aqua Night-time Cloud Top Pressure (mb) 5ch_V01

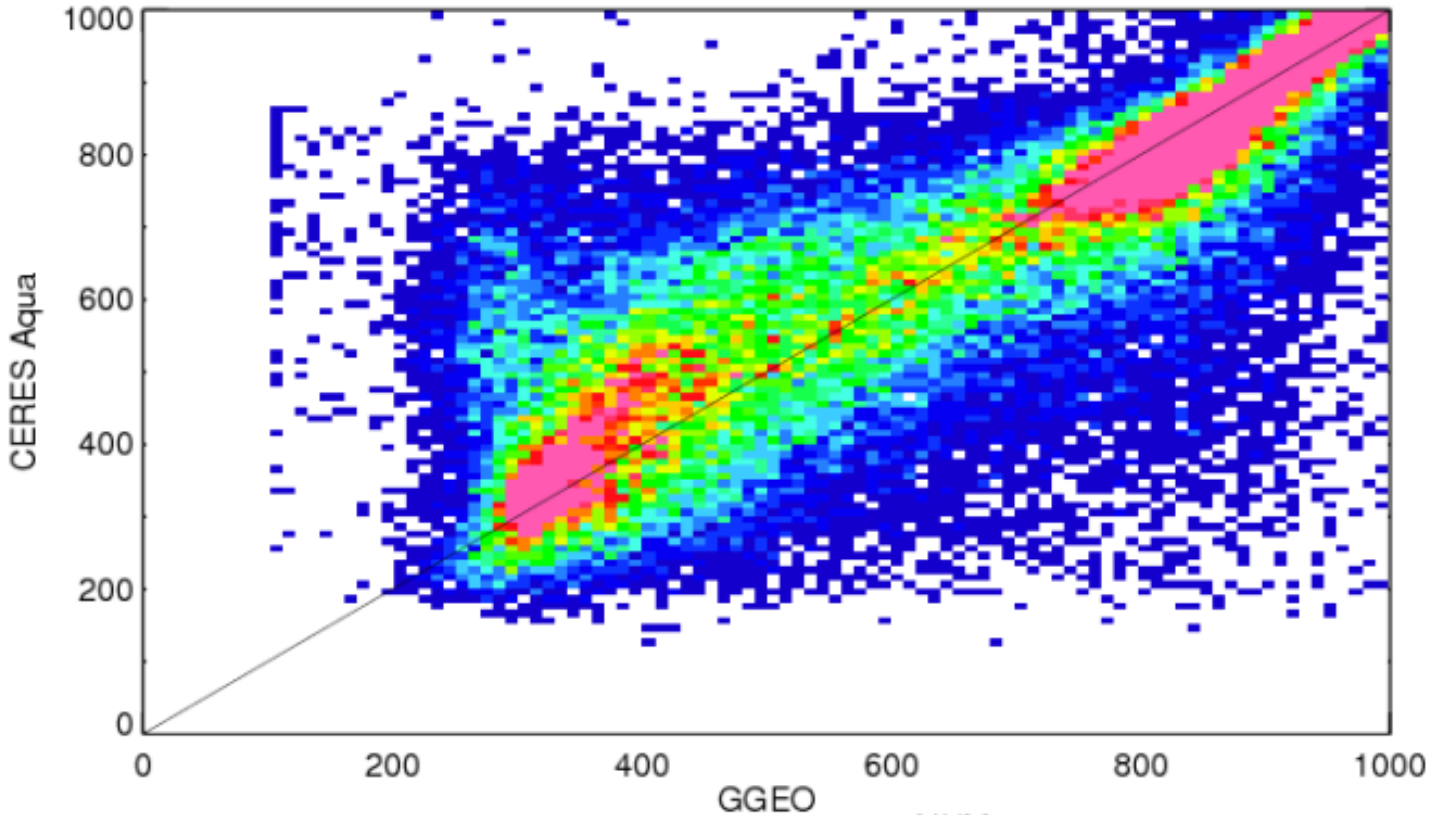
Apr 2008



NUM	64741
GGEO	562.4
CERES	551.5
BIAS	10.90
BIAS%	1.98
R2	0.8070
SLP	0.822
OFF	89.15
RMS	114.9
RMS%	20.84

METEO-9 Aqua Night-time Cloud Base Pressure (mb) 5ch_V01

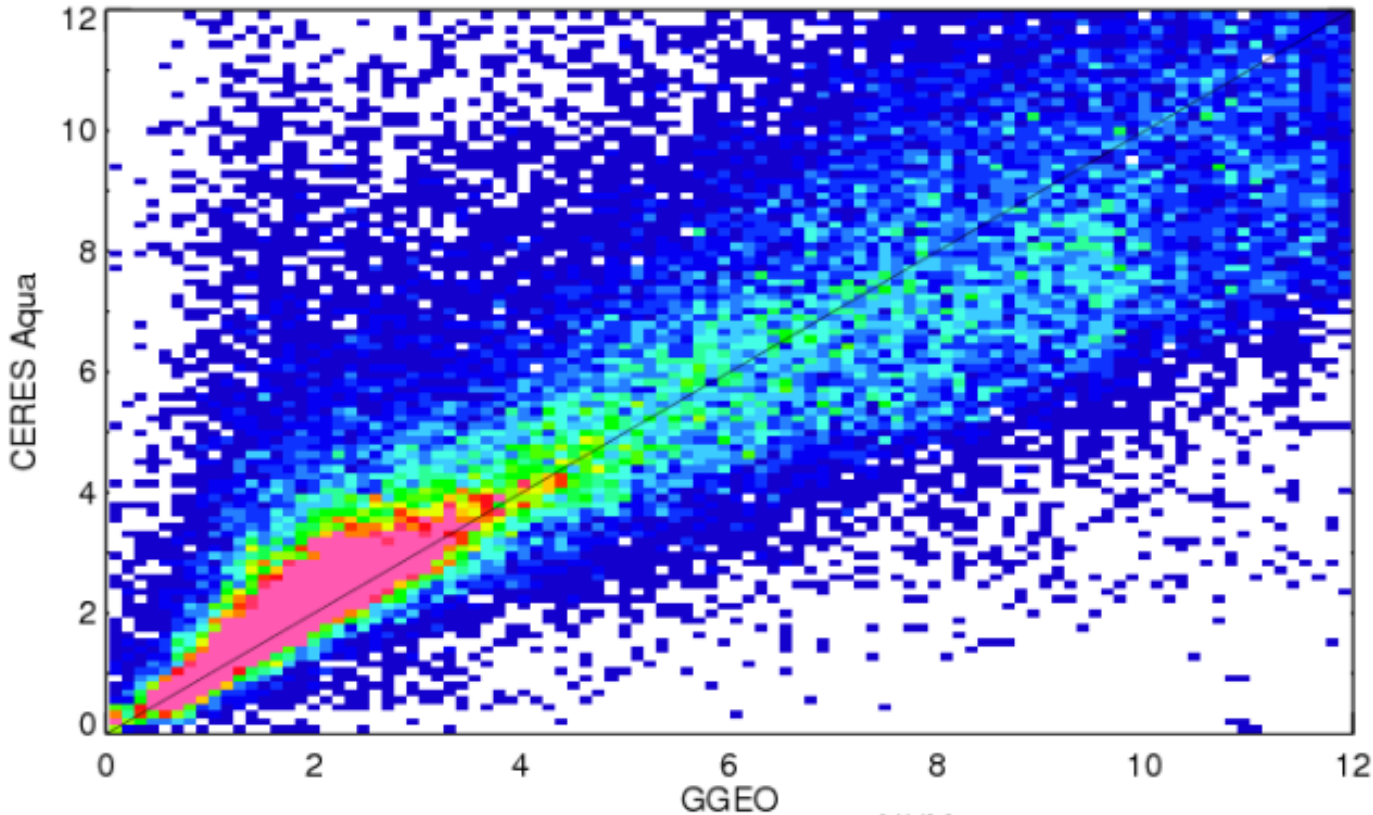
Apr 2008



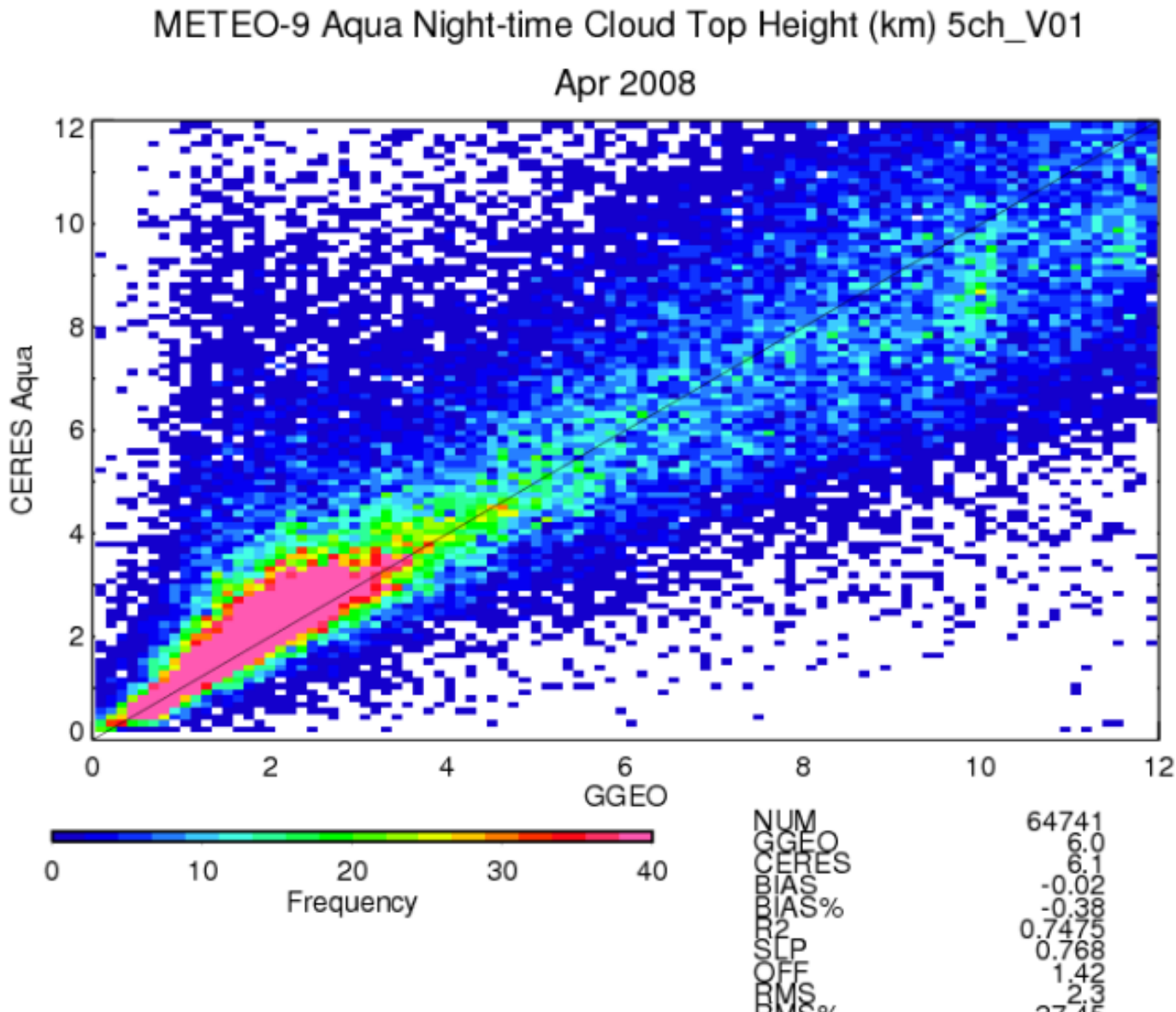
NUM	64741
GGEO	642.7
CERES	647.6
BIAS	-4.88
BIAS%	-0.75
R2	0.6624
SLP	0.749
OFF	165.97
RMS	135.3
RMS%	20.89

METEO-9 Aqua Night-time Cloud Eff Height (km) 5ch_V01

Apr 2008

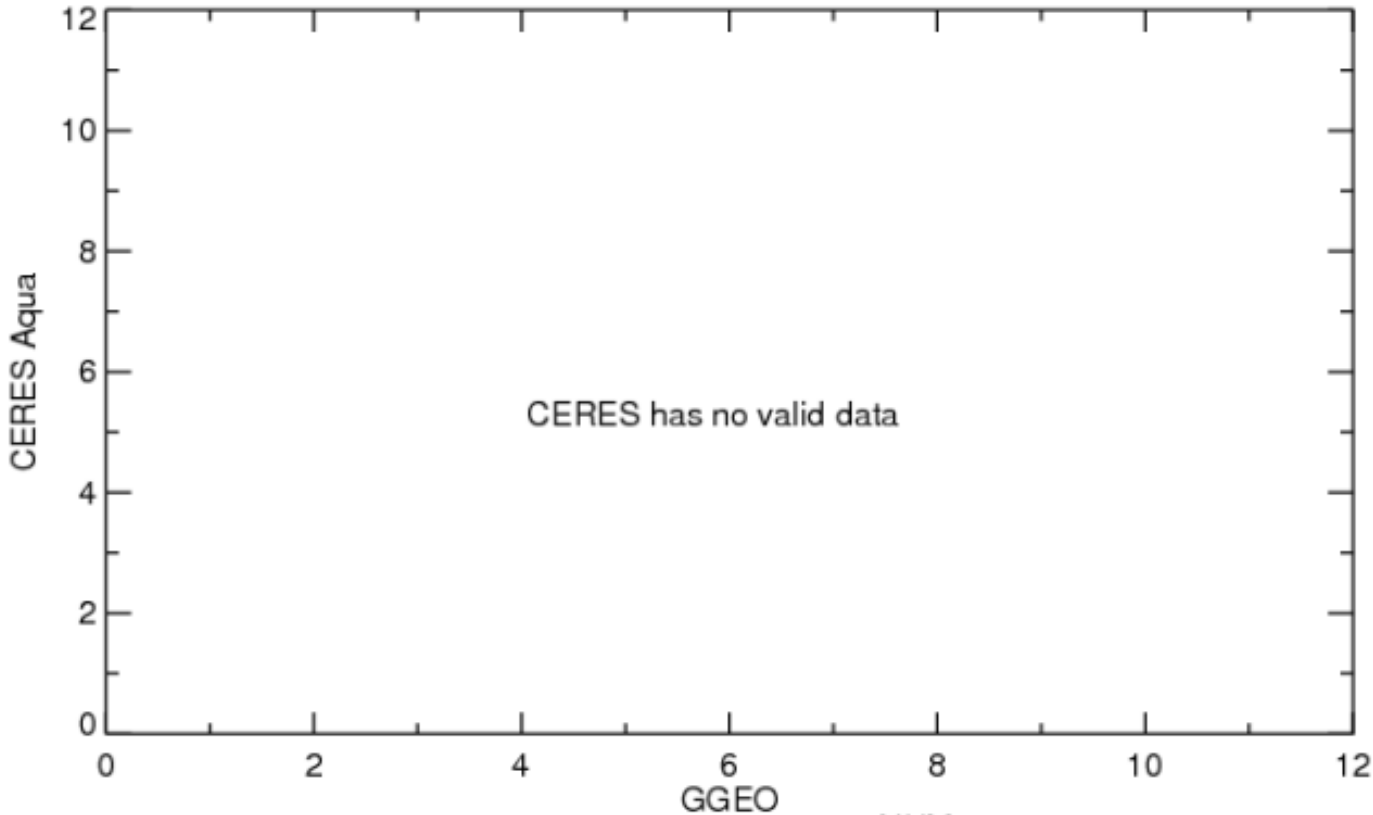


NUM	64741
GGEO	5.6
CERES	5.7
BIAS	-0.14
BIAS%	-2.52
R2	0.7382
SLP	0.790
OFF	1.31
RMS	2.1
RMS%	37.40


METEO-9 Aqua Night-time 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 64741
GGEO 6.0
CERES 6.1
BIAS -0.02
BIAS% -0.38
R2 0.7475
SLP 0.768
OFF 1.42
RMS 2.3
RMS% 37.45

METEO-9 Aqua Night-time Cloud Base Height (km) 5ch_V01

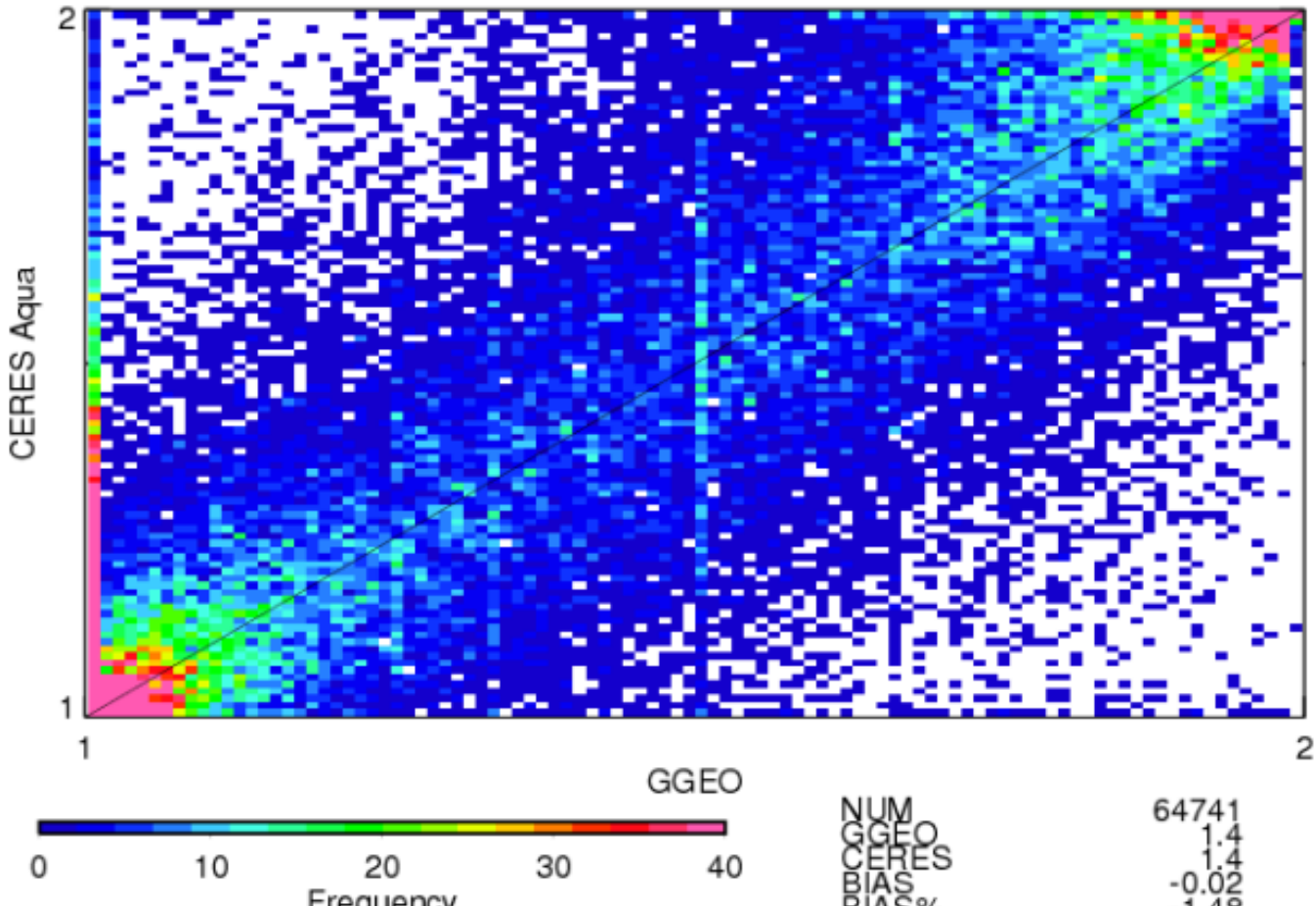
Apr 2008



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-9 Aqua Night-time Cloud Phase 5ch_V01

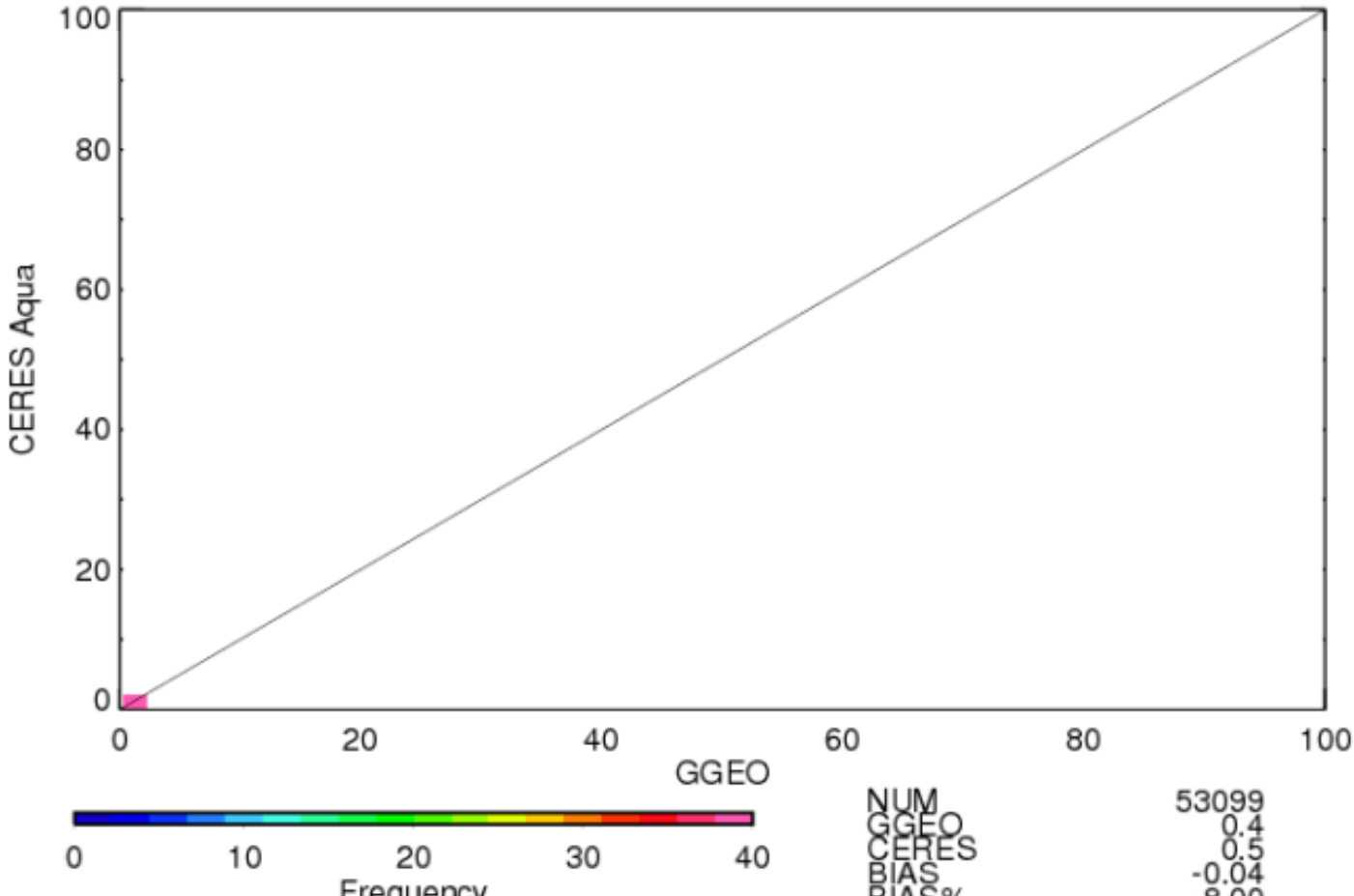
Apr 2008



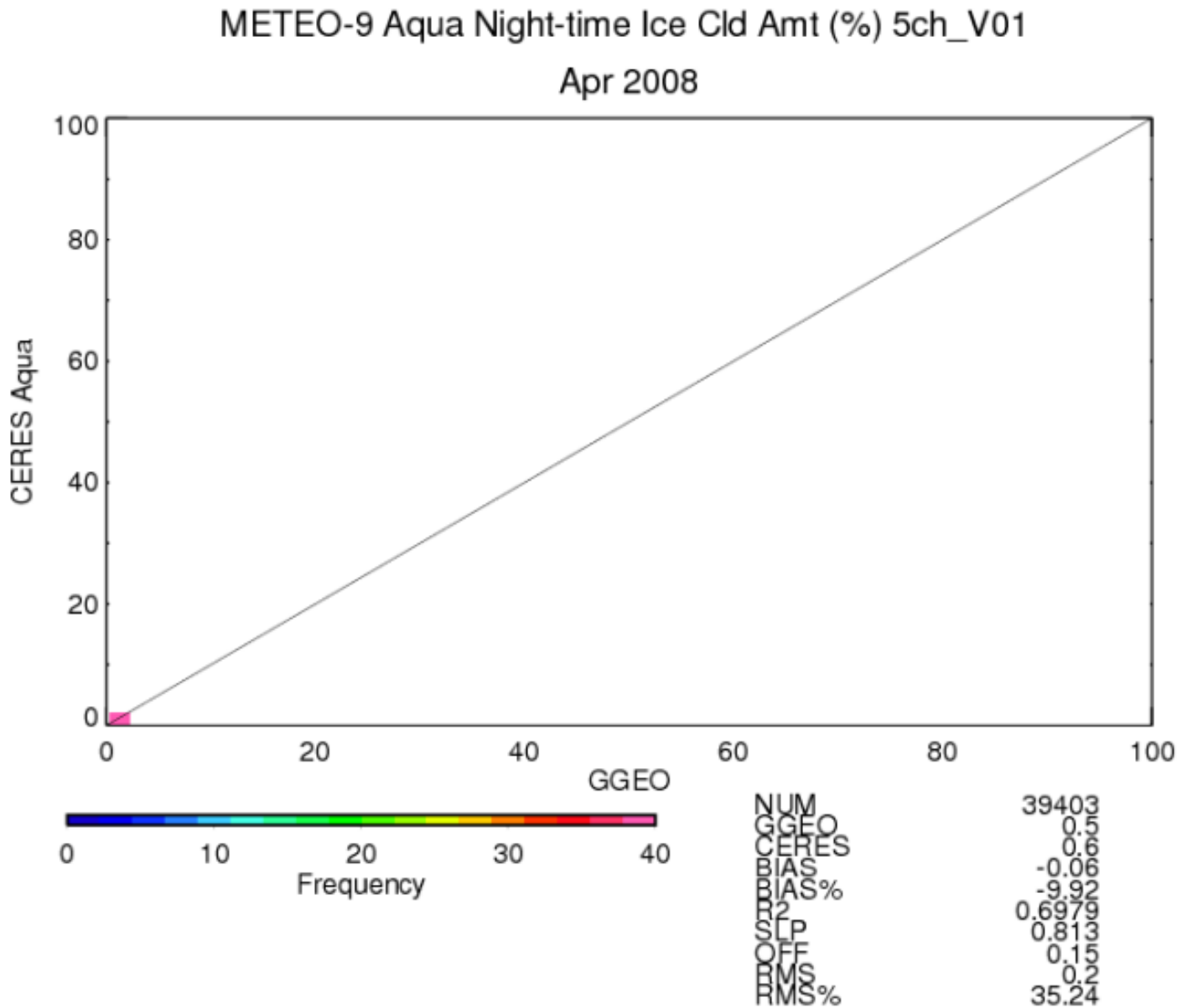
NUM	64741
GGEO	1.4
CERES	1.4
BIAS	-0.02
BIAS%	-1.48
R2	0.7790
SLP	0.871
OFF	0.20
RMS	0.2
RMS%	12.95

METEO-9 Aqua Night-time Liquid Cld Amt (%) 5ch_V01

Apr 2008

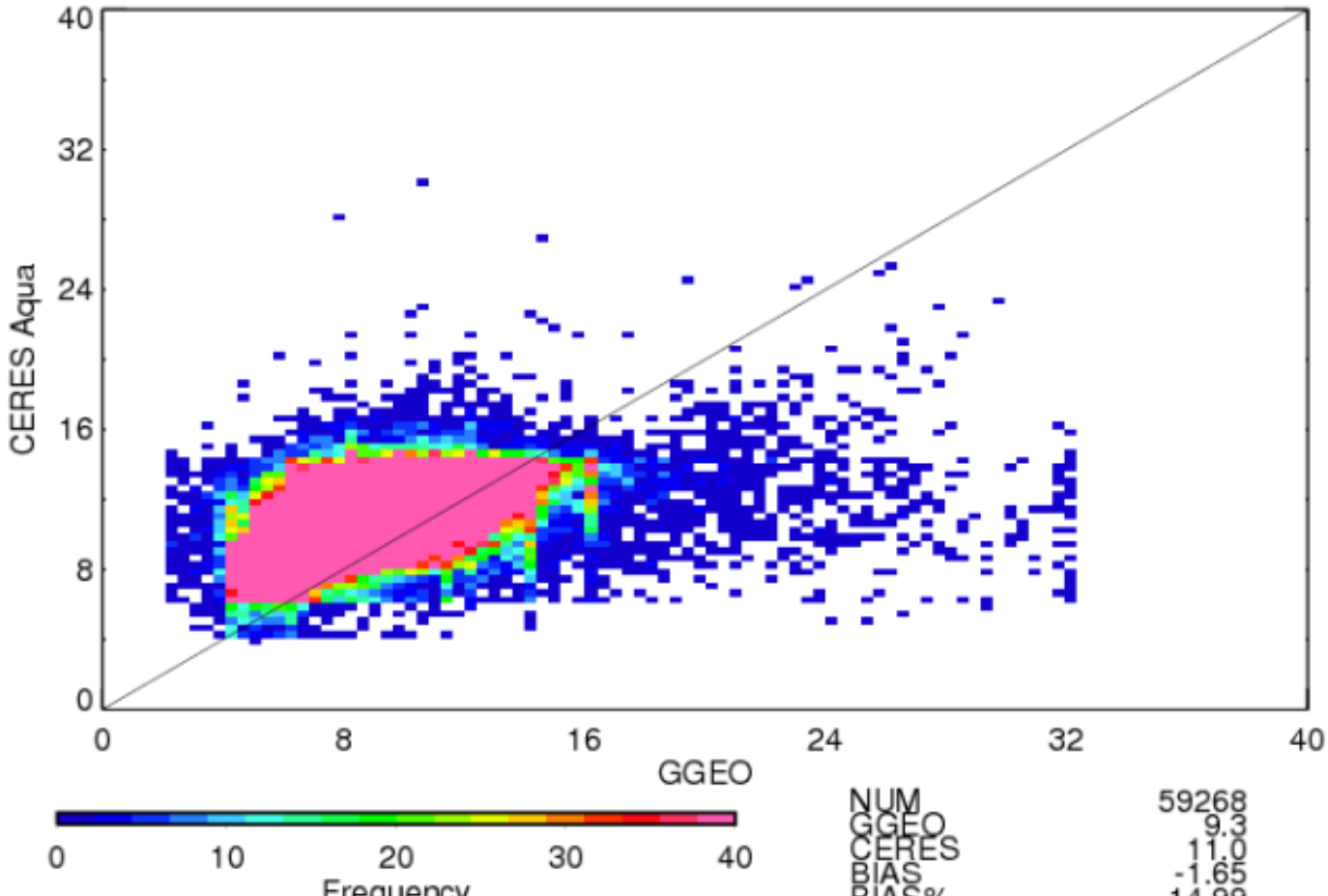


NUM	53099
GGEO	0.4
CERES	0.5
BIAS	-0.04
BIAS%	-8.00
R2	0.5812
SLP	0.747
OFF	0.15
RMS	0.2
RMS%	44.40


METEO-9 Aqua Night-time Ice Cld Amt (%) 5ch_V01
Apr 2008
CERES Aqua
GGEO
0
20
40
60
80
100
Frequency
0
10
20
30
40
NUM 39403
GGEO 0.5
CERES 0.6
BIAS -0.06
BIAS% -9.92
R2 0.6979
SLP 0.813
OFF 0.15
RMS 0.2
RMS% 35.24

METEO-9 Aqua Night-time Liquid Particle Size (microns) 5ch_V01

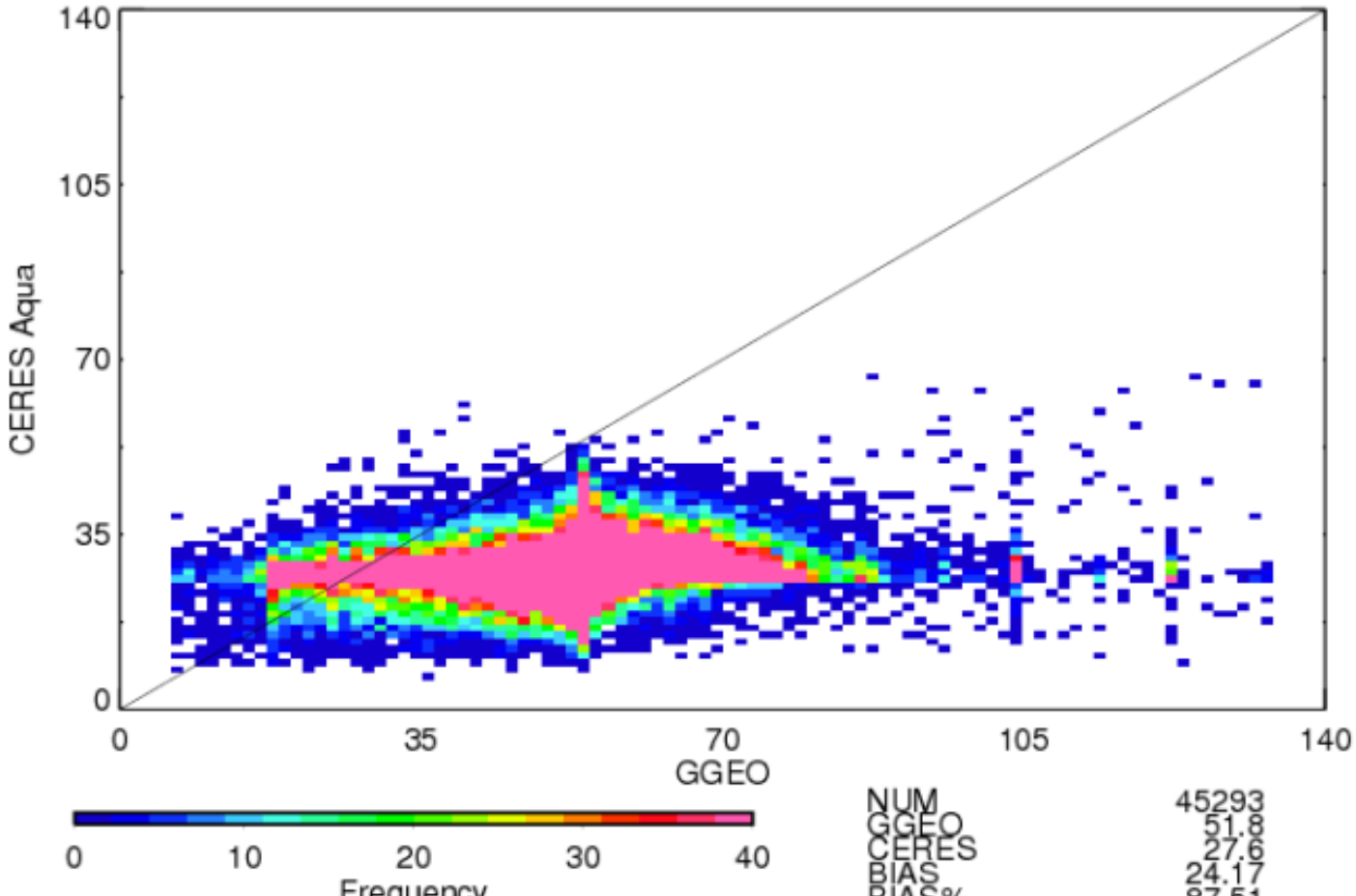
Apr 2008



NUM	59268
GGEO	9.3
CERES	11.0
BIAS	-1.65
BIAS%	-14.99
R2	0.2196
SLP	0.324
OFF	7.96
RMS	3.2
RMS%	29.23

METEO-9 Aqua Night-time Ice Particle Size (microns) 5ch_V01

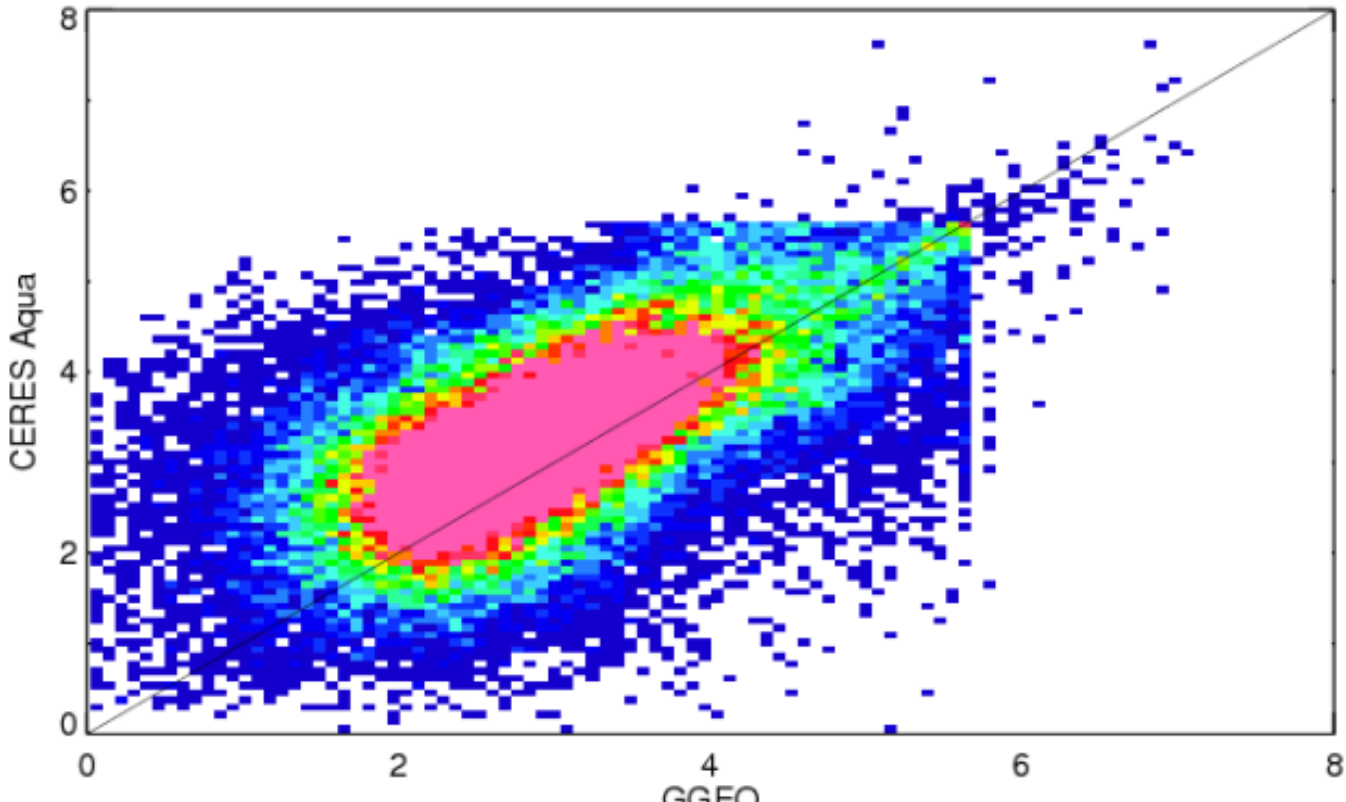
Apr 2008



NUM	45293
GGEO	51.8
CERES	27.6
BIAS	24.17
BIAS%	87.51
R2	0.0324
SLP	0.066
OFF	24.21
RMS	28.7
RMS%	103.85

METEO-9 Aqua Night-time Log Liquid Water Path (g/m2) 5ch_V01

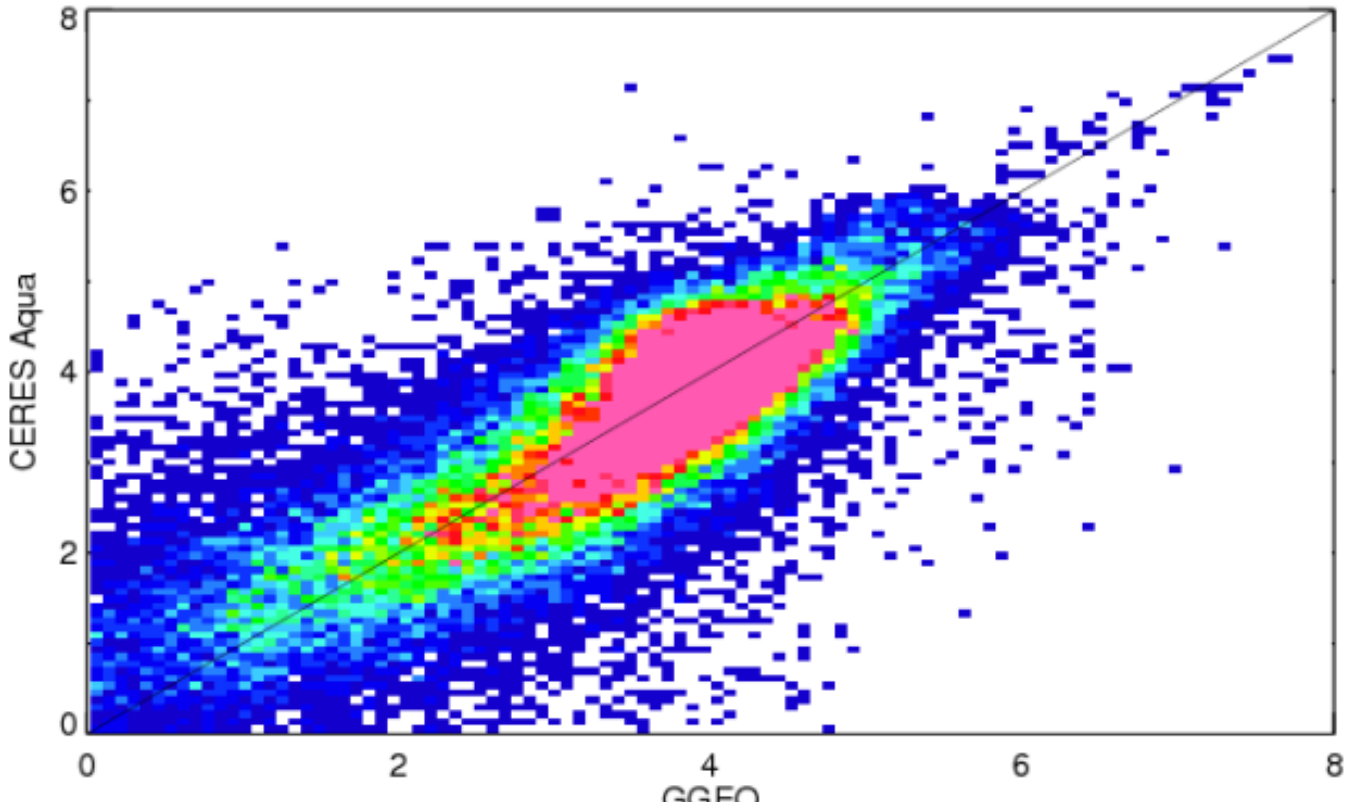
Apr 2008



NUM	59268
GGEO	3.0
CERES	3.3
BIAS	-0.34
BIAS%	-10.22
R2	0.3795
SLP	0.591
OFF	1.56
RMS	0.9
RMS%	27.65

METEO-9 Aqua Night-time Log Ice Water Path (g/m2) 5ch_V01

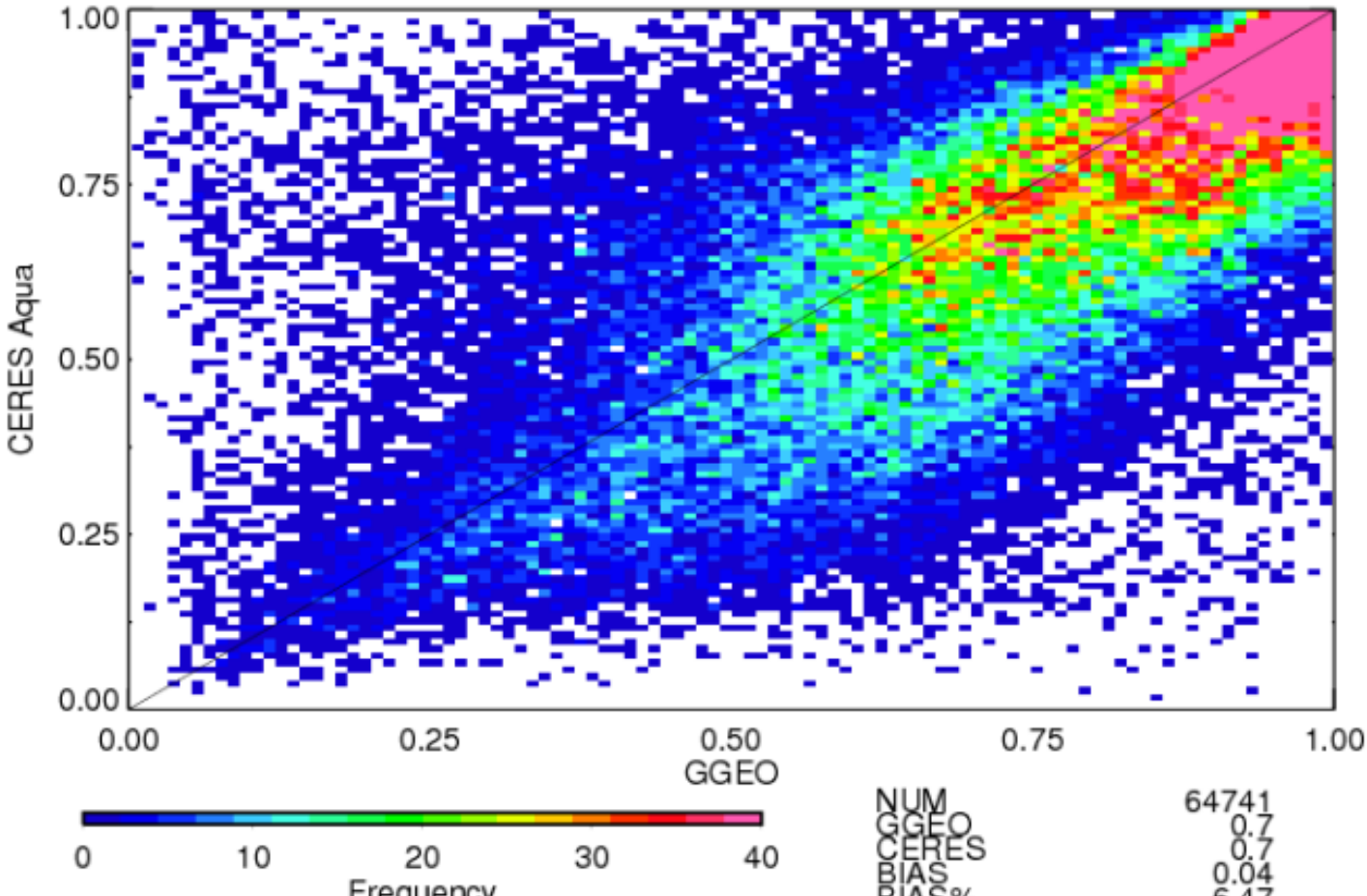
Apr 2008



NUM	45293
GGEO	3.2
CERES	3.2
BIAS	0.01
BIAS%	0.35
R2	0.6550
SLP	0.759
OFF	0.76
RMS	0.8
RMS%	25.49

METEO-9 Aqua Night-time Emissivity 5ch_V01

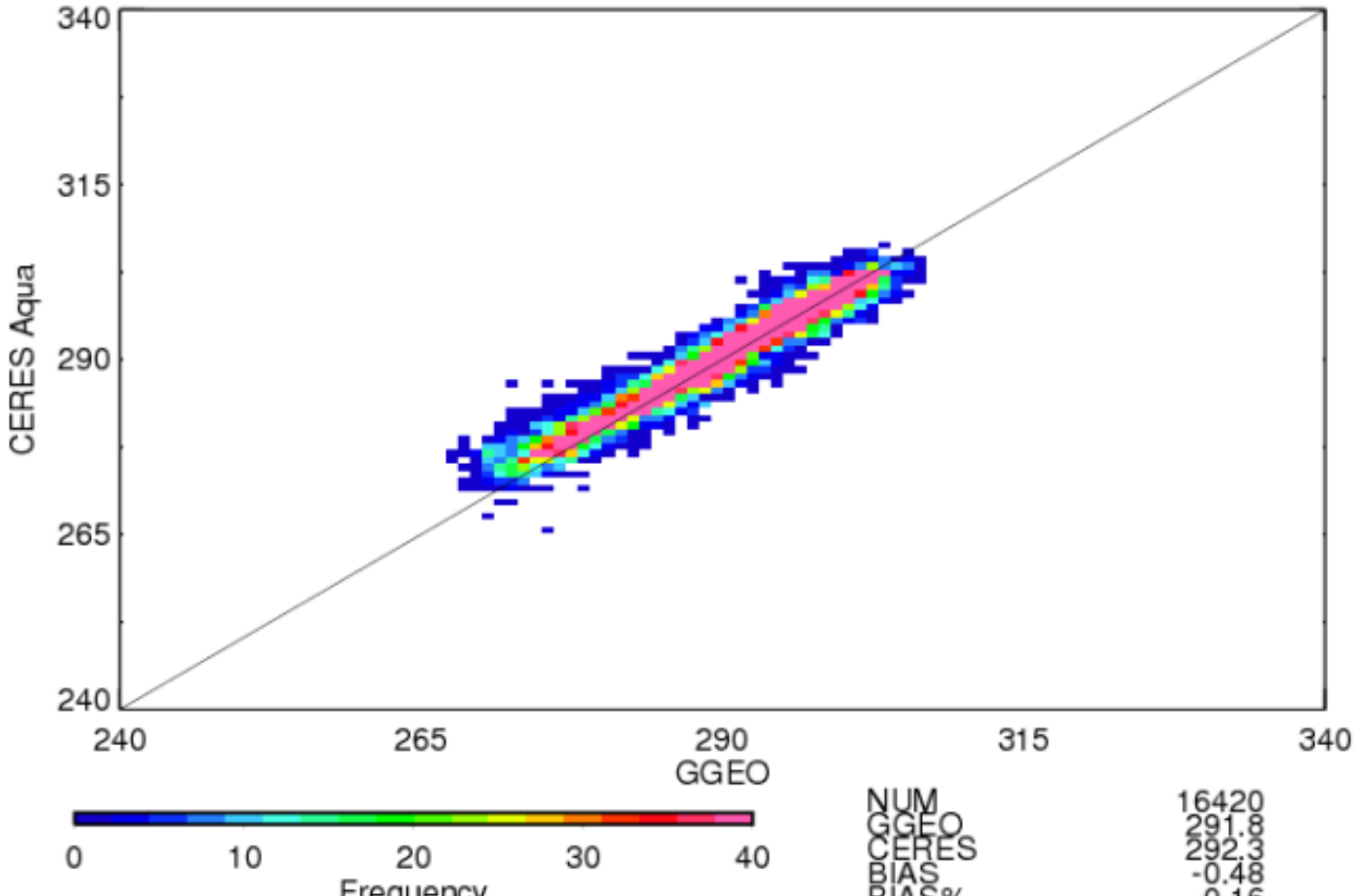
Apr 2008



NUM	64741
GGEO	0.7
CERES	0.7
BIAS	0.04
BIAS%	6.47
R2	0.4992
SLP	0.713
OFF	0.17
RMS	0.2
RMS%	25.55

METEO-9 Aqua Night-time Skin Temperature (K) 5ch_V01

Apr 2008



NUM	16420
GGEO	291.8
CERES	292.3
BIAS	-0.48
BIAS%	-0.16
R2	0.9524
SLP	0.918
OFF	24.36
RMS	1.7
RMS%	0.59