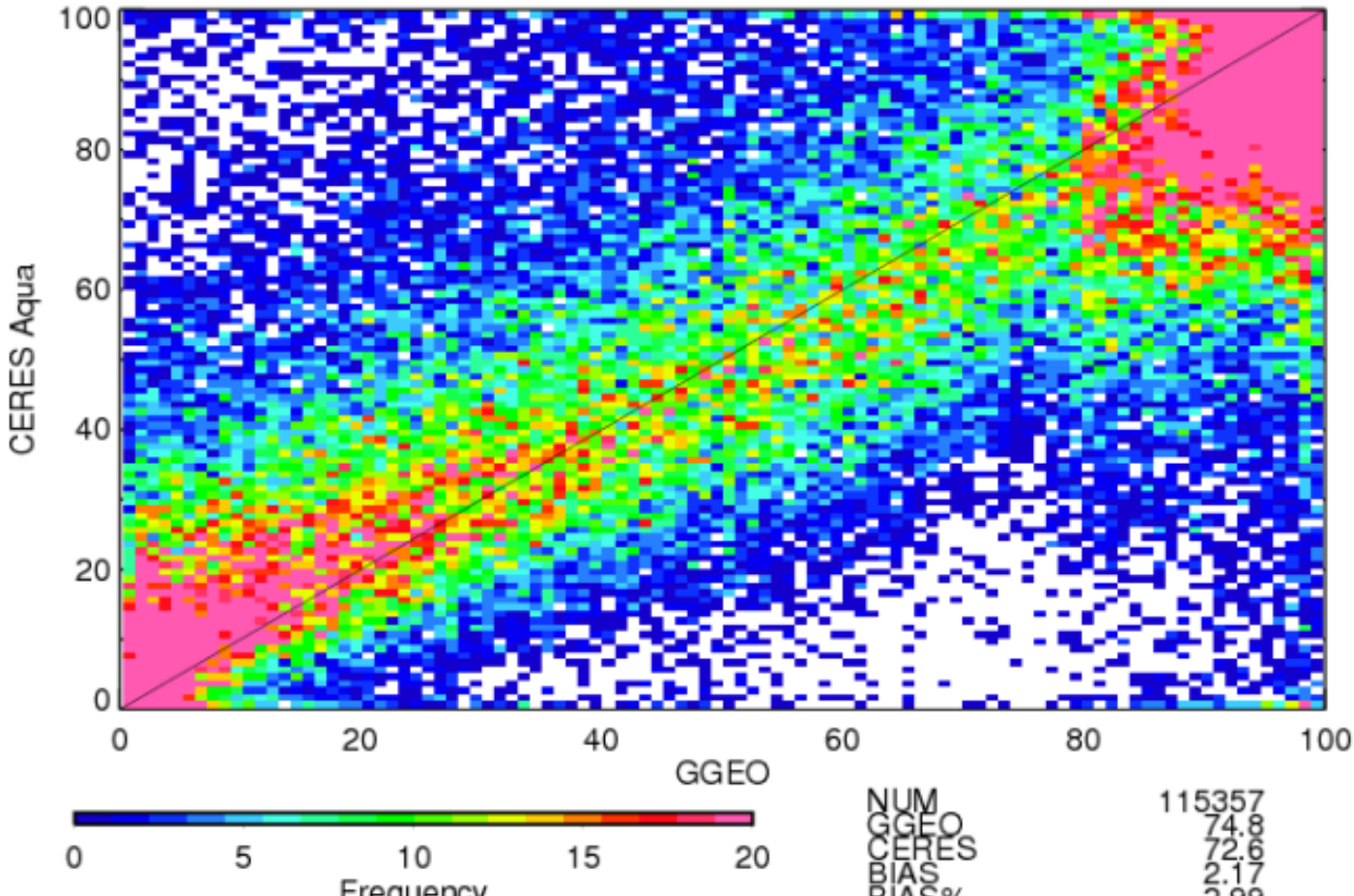
MTSAT-1 Aqua Daytime Cloud Amount (%) 5ch_V01

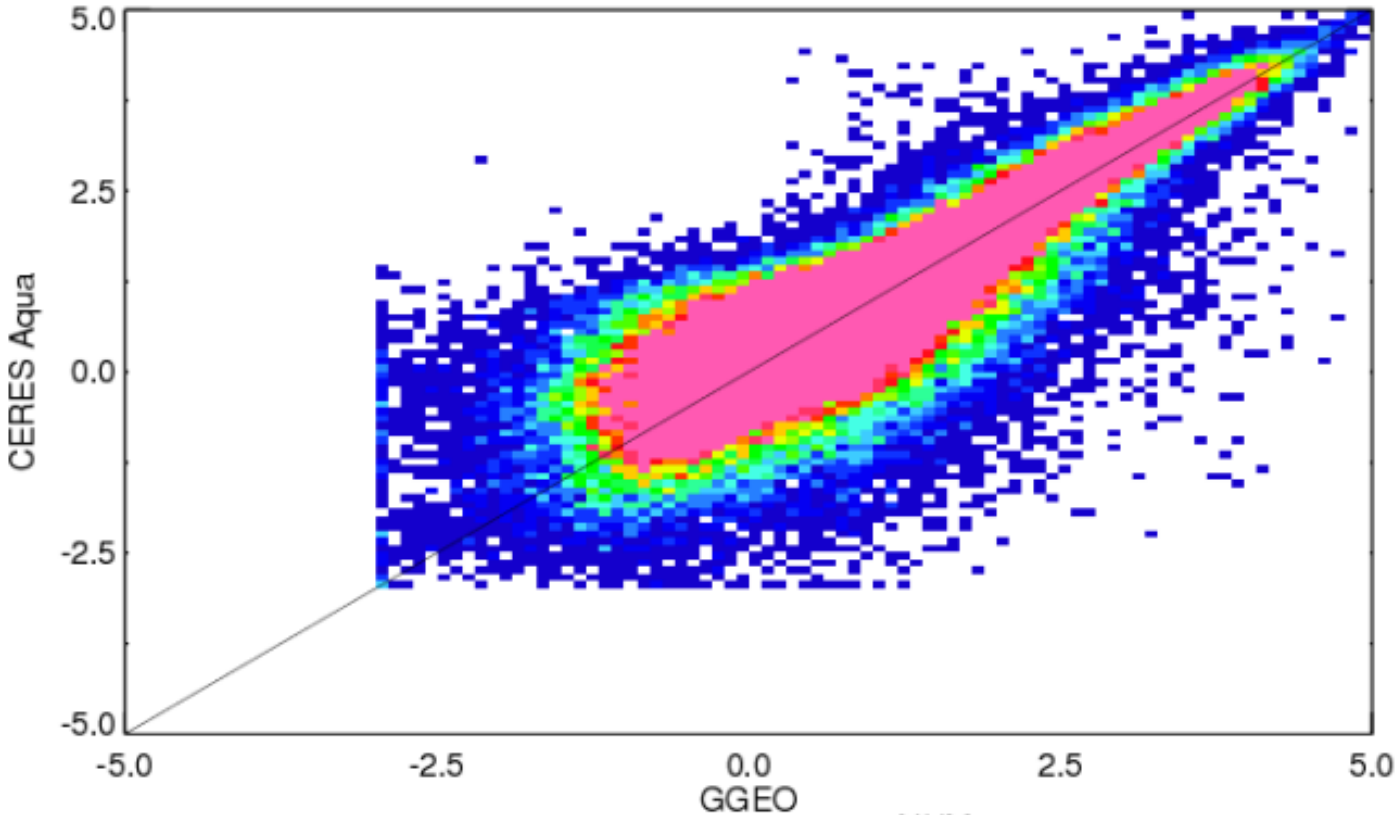
Apr 2008



NUM	115357
GGEO	74.8
CERES	72.6
BIAS	2.17
BIAS%	2.99
R2	0.7045
SLP	0.783
OFF	14.04
RMS	18.8
RMS%	25.83

MTSAT-1 Aqua Daytime Log Optical Depth 5ch_V01

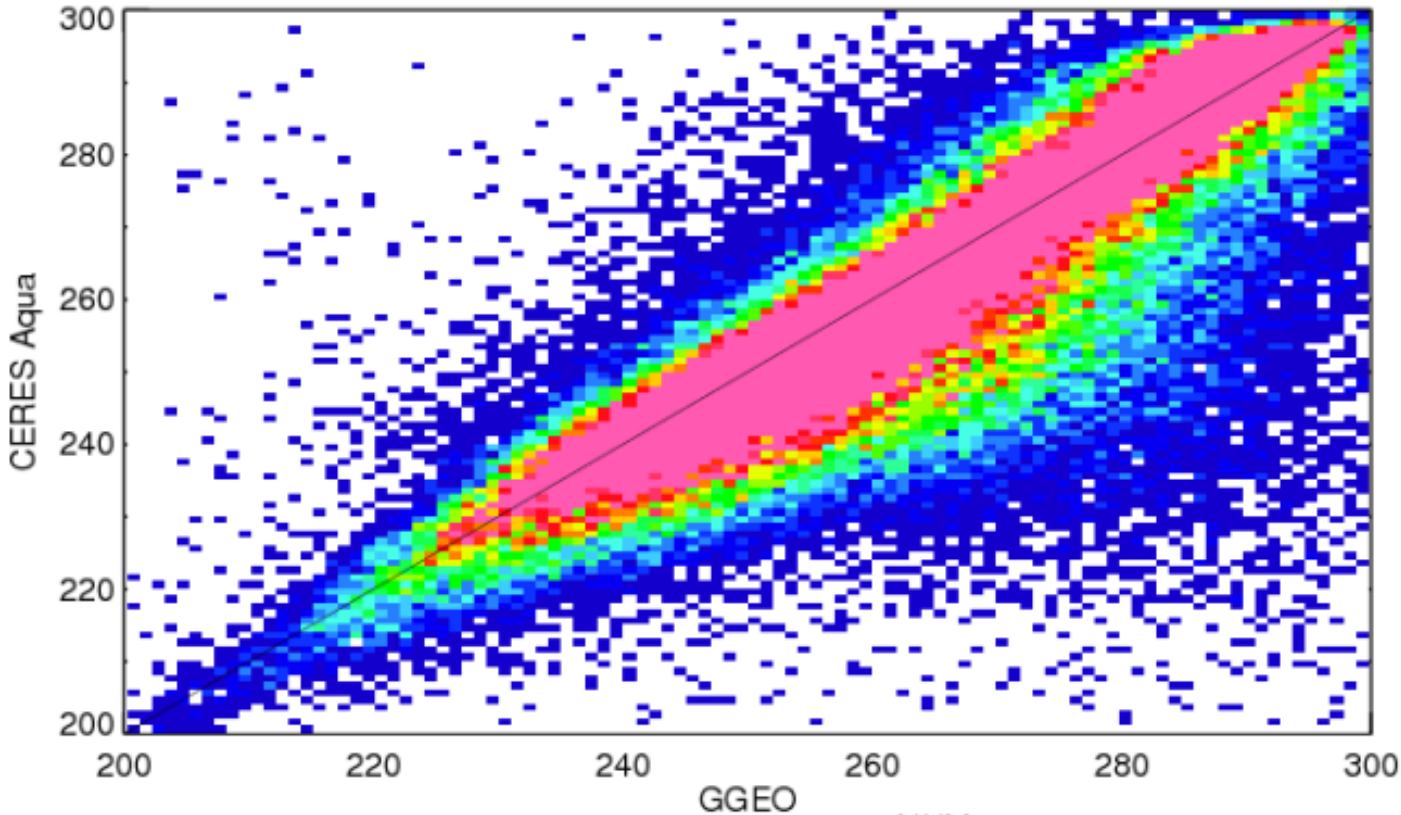
Apr 2008



NUM	114893
GGEO	1.1
CERES	1.1
BIAS	-0.02
BIAS%	-1.88
R2	0.7522
SLP	0.872
OFF	0.16
RMS	0.7
RMS%	58.76

MTSAT-1 Aqua Daytime Cloud Temperature (K) 5ch_V01

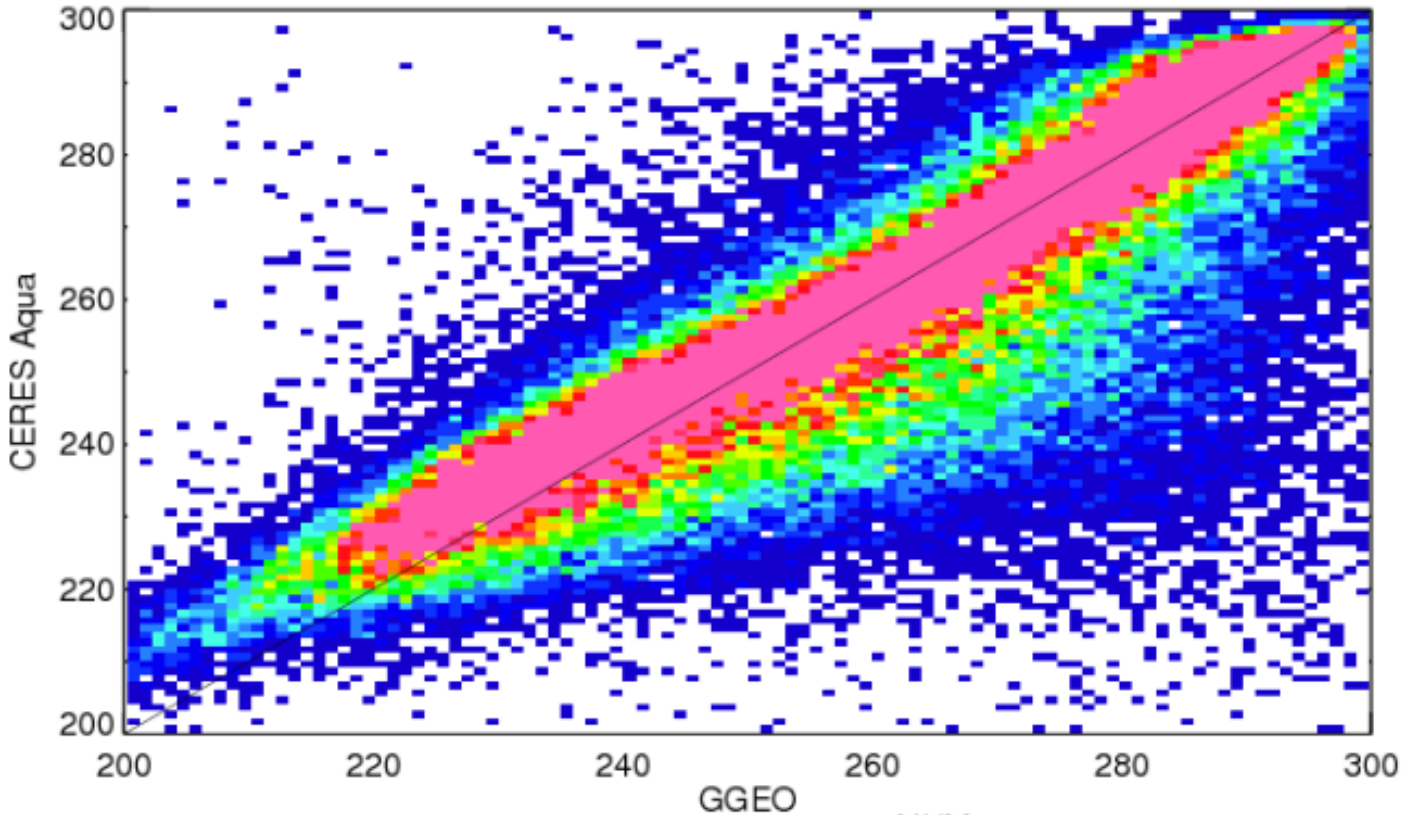
Apr 2008



NUM	114893
GGEO	265.3
CERES	261.7
BIAS	3.64
BIAS%	1.39
R2	0.7004
SLP	0.898
OFF	23.38
RMS	11.8
RMS%	4.51

MTSAT-1 Aqua Daytime Cloud Top Temperature (K) 5ch_V01

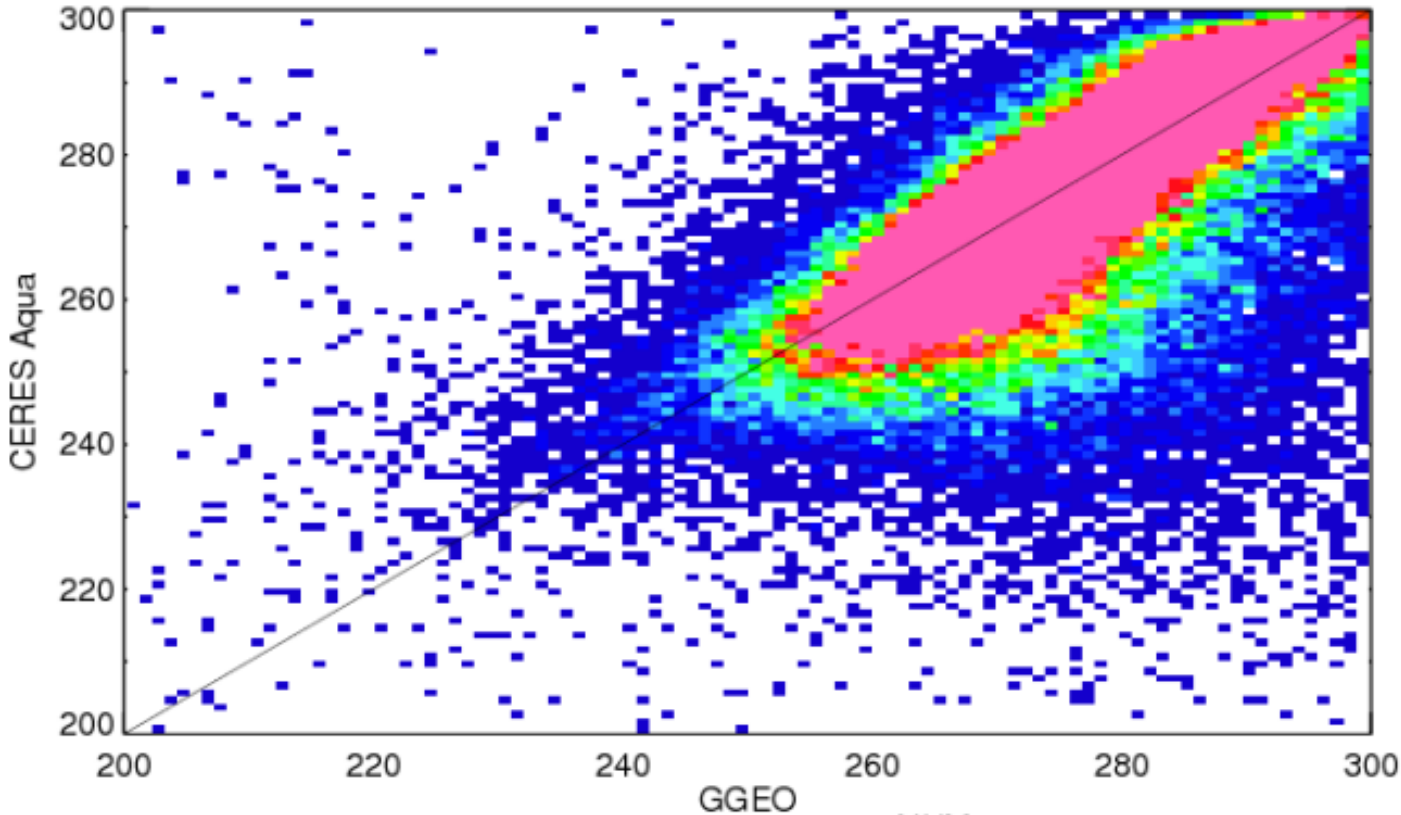
Apr 2008



NUM	114893
GGEO	261.6
CERES	259.6
BIAS	2.03
BIAS%	0.78
R2	0.7219
SLP	0.826
OFF	43.58
RMS	12.1
RMS%	4.68

MTSAT-1 Aqua Daytime Cloud Base Temperaure (K) 5ch_V01

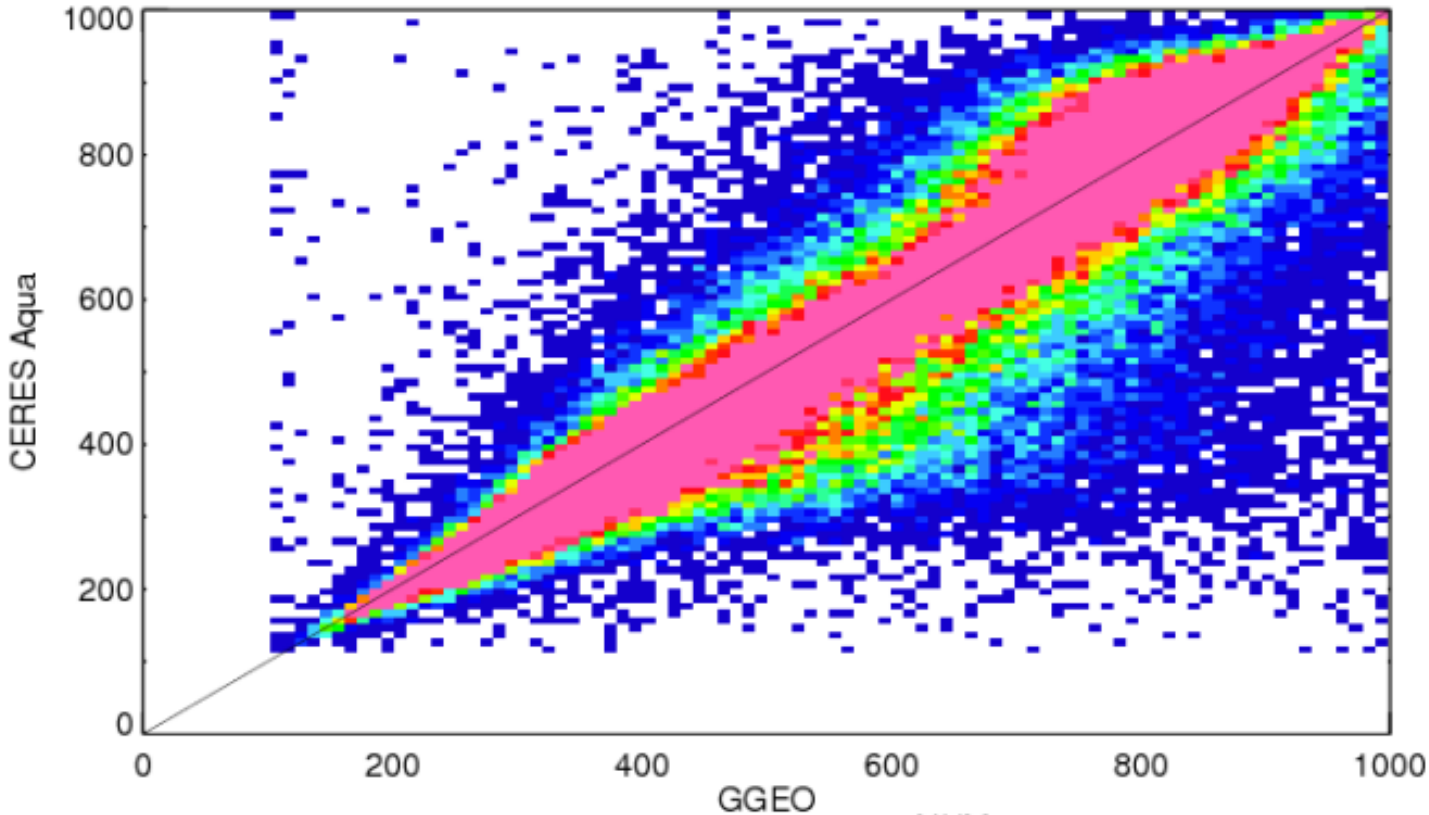
Apr 2008



NUM	114893
GGEO	275.1
CERES	272.9
BIAS	2.19
BIAS%	0.80
R2	0.4507
SLP	0.798
OFF	53.25
RMS	11.1
RMS%	4.06

MTSAT-1 Aqua Daytime Cloud Eff Pressure (mb) 5ch_V01

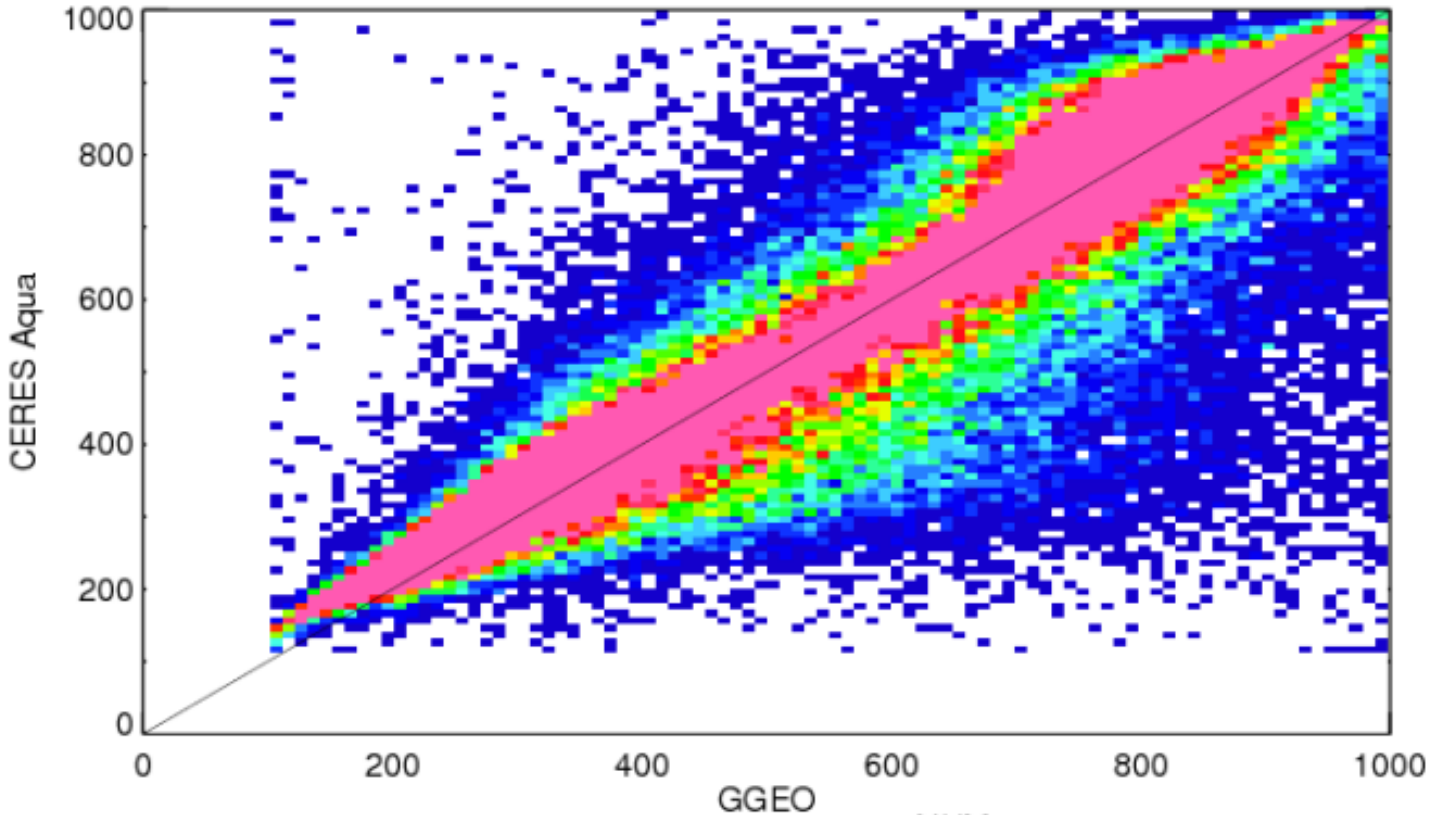
Apr 2008



NUM	114893
GGEO	629.0
CERES	606.1
BIAS	22.81
BIAS%	3.76
R2	0.7721
SLP	0.935
OFF	18.00
RMS	108.1
RMS%	17.84

MTSAT-1 Aqua Daytime Cloud Top Pressure (mb) 5ch_V01

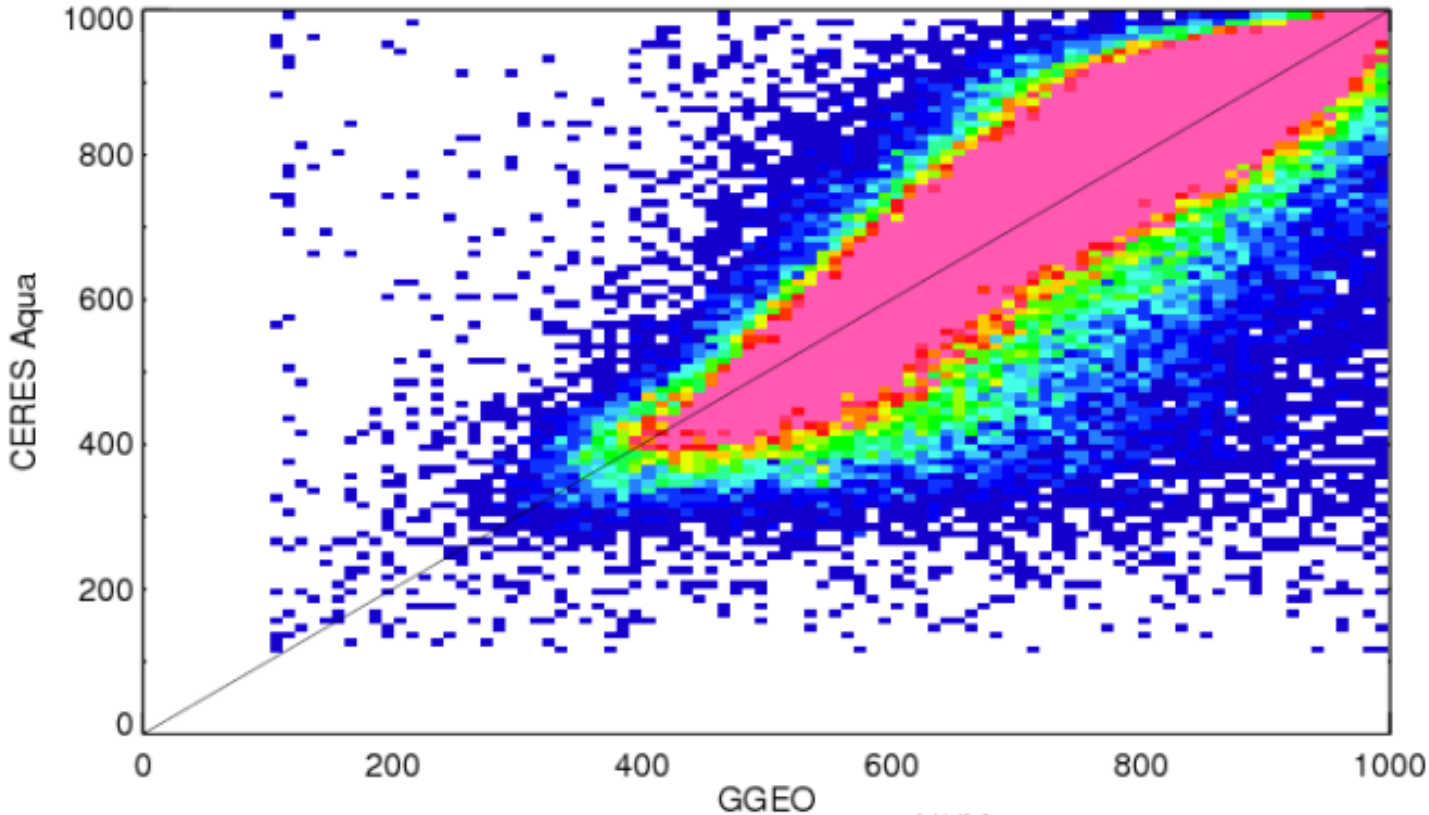
Apr 2008



NUM	114893
GGEO	605.5
CERES	592.8
BIAS	12.66
BIAS%	2.13
R2	0.7771
SLP	0.890
OFF	54.22
RMS	110.6
RMS%	18.65

MTSAT-1 Aqua Daytime Cloud Base Pressure (mb) 5ch_V01

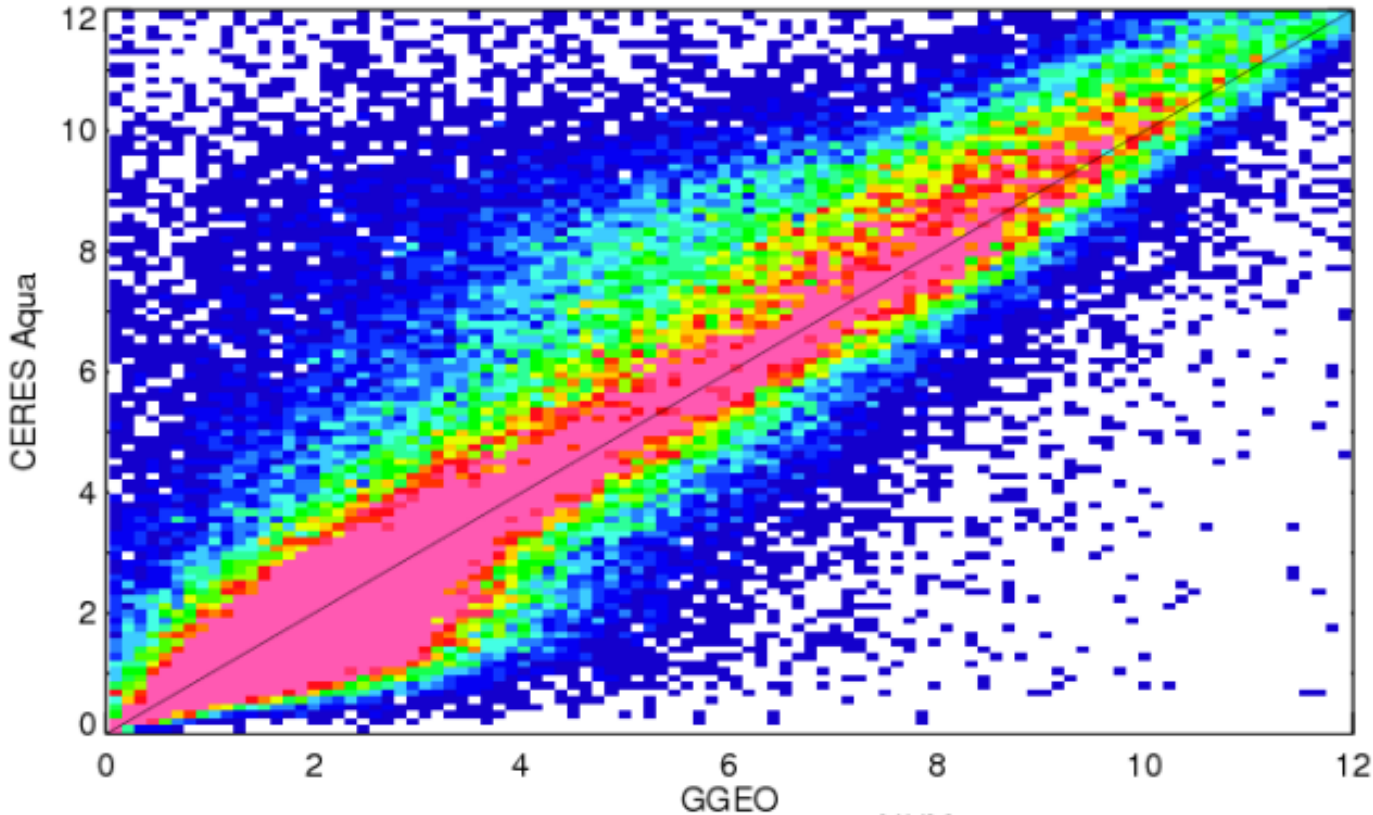
Apr 2008



NUM	114893
GGEO	735.3
CERES	722.5
BIAS	12.77
BIAS%	1.77
R2	0.6213
SLP	0.900
OFF	60.86
RMS	112.9
RMS%	15.62

MTSAT-1 Aqua Daytime Cloud Eff Height (km) 5ch_V01

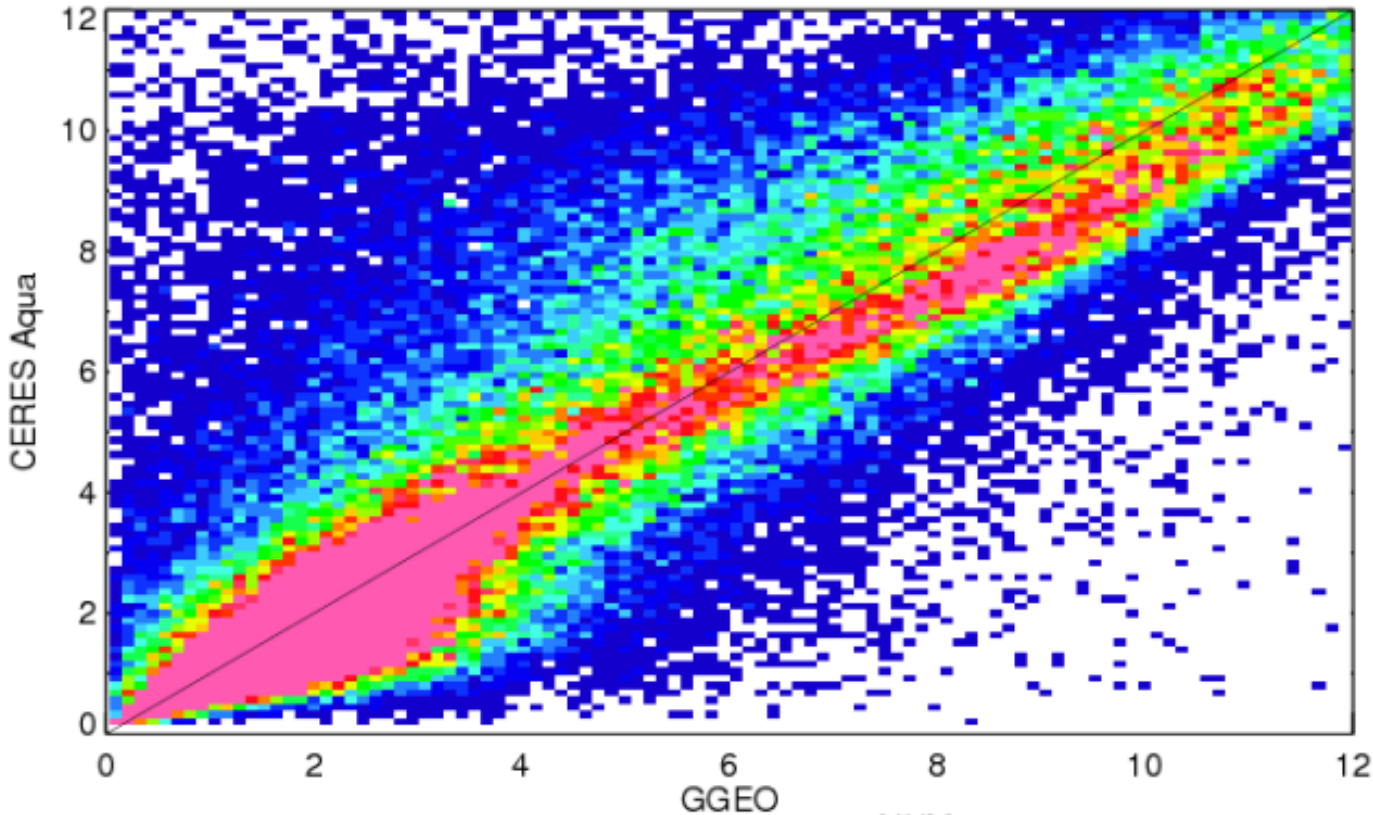
Apr 2008



NUM	114893
GGEO	4.6
CERES	5.0
BIAS	-0.47
BIAS%	-9.34
R2	0.7482
SLP	0.957
OFF	0.67
RMS	1.8
RMS%	34.76

MTSAT-1 Aqua Daytime Cloud Top Height (km) 5ch_V01

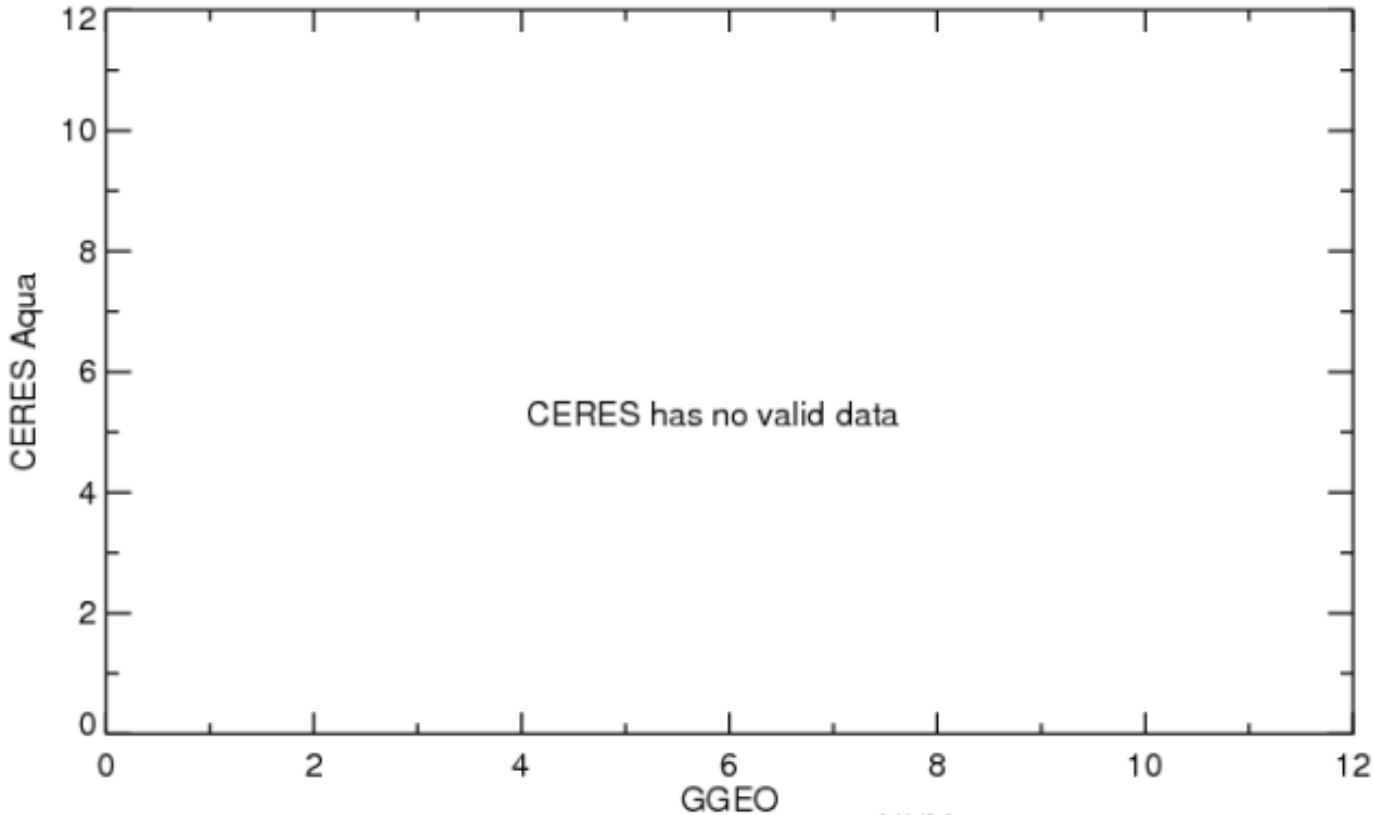
Apr 2008



NUM	114893
GGEO	5.1
CERES	5.3
BIAS	-0.25
BIAS%	-4.69
R2	0.7543
SLP	0.876
OFF	0.87
RMS	1.8
RMS%	34.21

MTSAT-1 Aqua Daytime Cloud Base Height (km) 5ch_V01

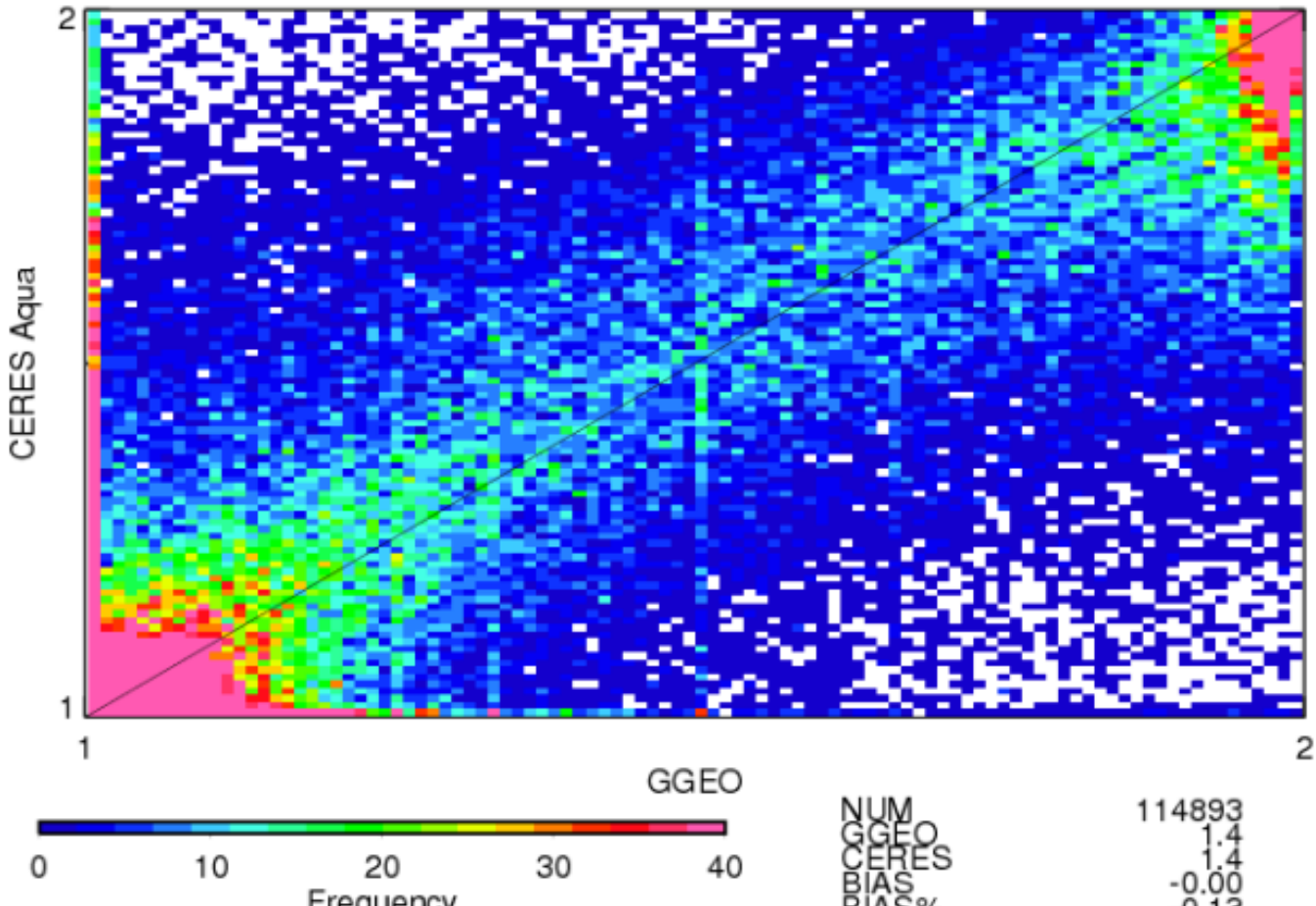
Apr 2008



NUM	20
GGEO	0.0
CERES	0.0
BIAS	0.00
BIAS%	-NaN
R2	NaN
SLP	-NaN
OFF	-NaN
RMS	0.0
RMS%	-NaN

MTSAT-1 Aqua Daytime Cloud Phase 5ch_V01

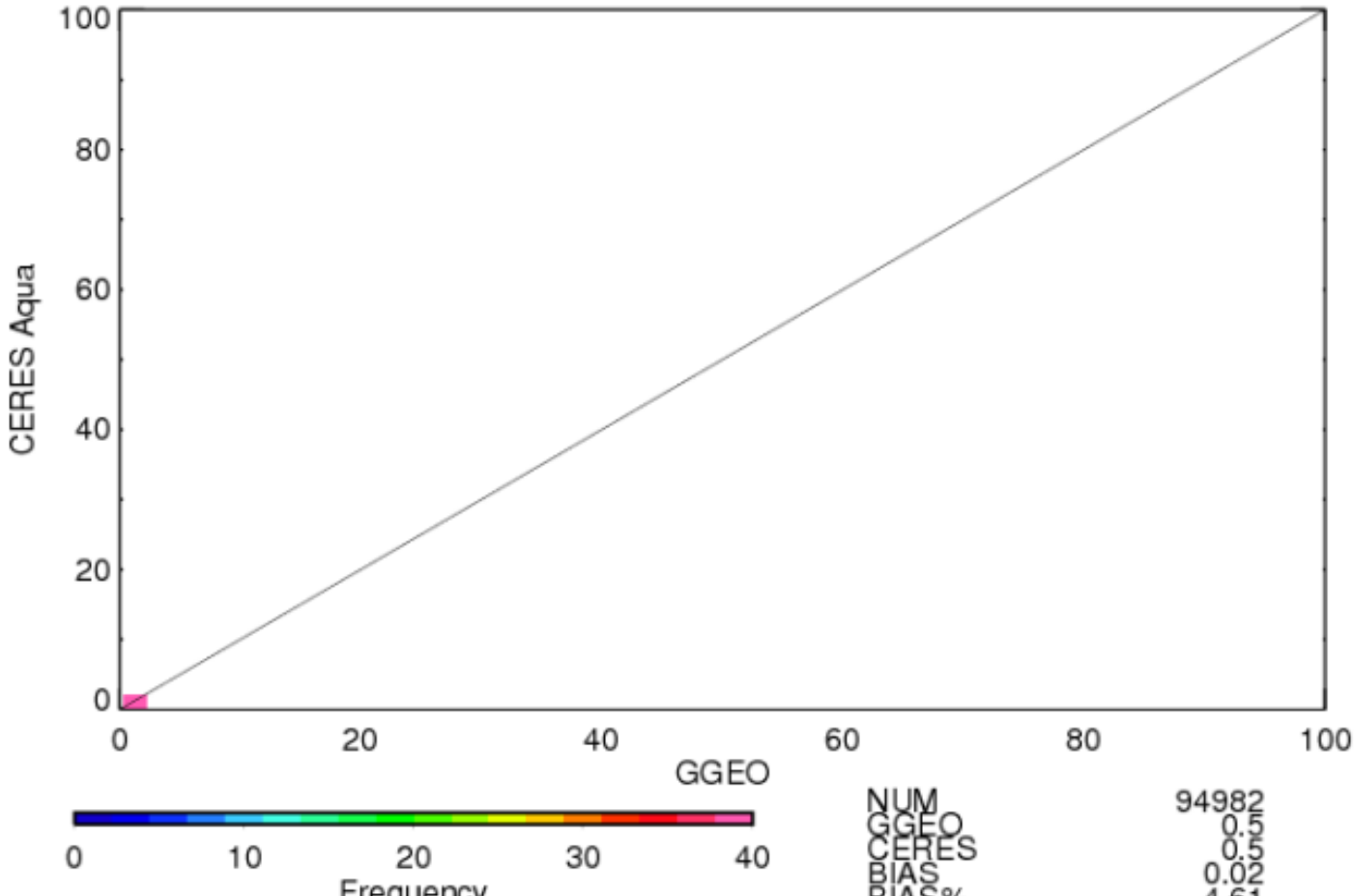
Apr 2008



NUM	114893
GGEO	1.4
CERES	1.4
BIAS	-0.00
BIAS%	-0.13
R2	0.7287
SLP	0.796
OFF	0.28
RMS	0.2
RMS%	14.79

MTSAT-1 Aqua Daytime Liquid Cld Amt (%) 5ch_V01

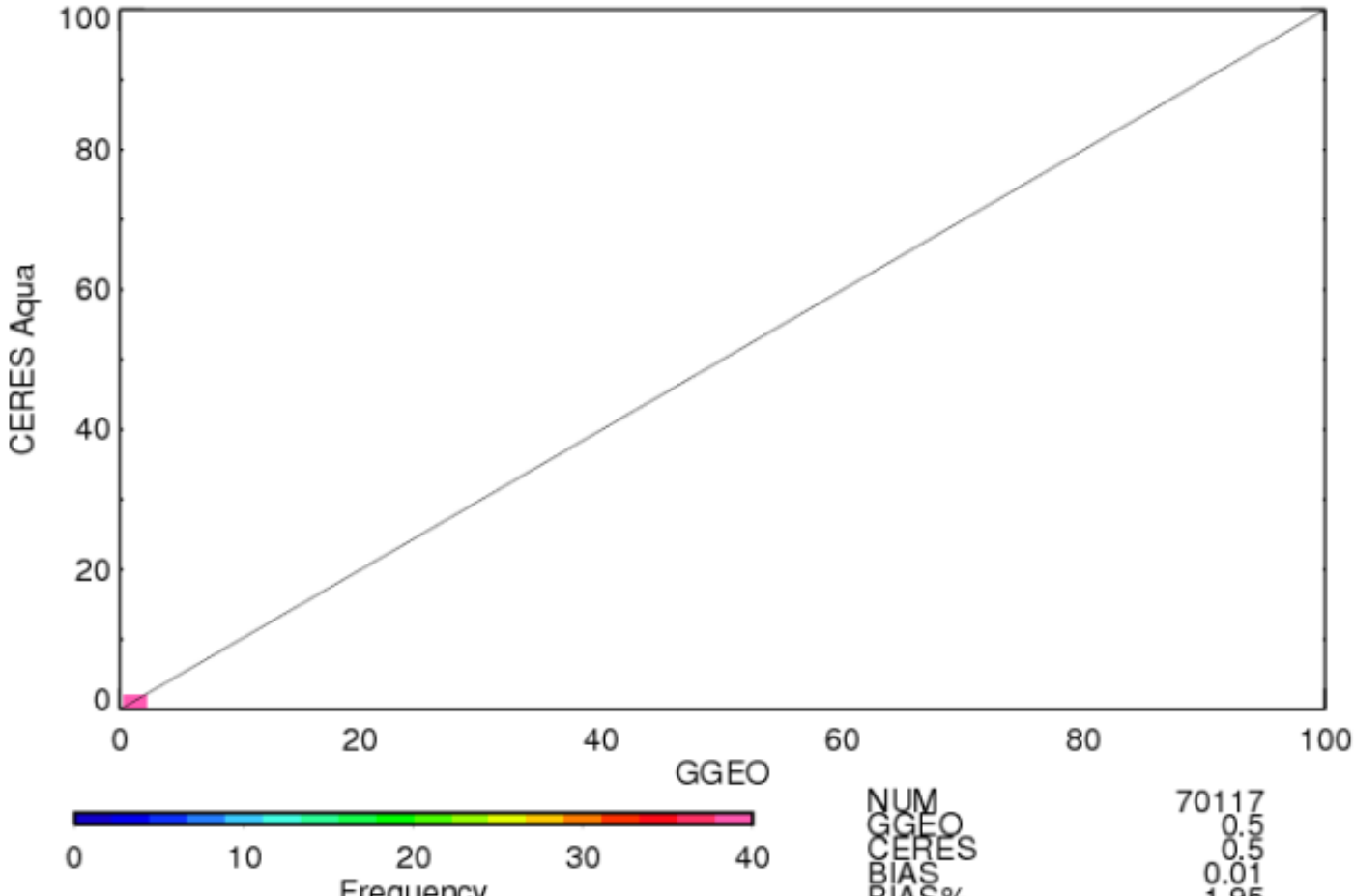
Apr 2008



NUM	94982
GGEO	0.5
CERES	0.5
BIAS	0.02
BIAS%	4.61
R2	0.5982
SLP	0.648
OFF	0.15
RMS	0.2
RMS%	45.96

MTSAT-1 Aqua Daytime Ice Cld Amt (%) 5ch_V01

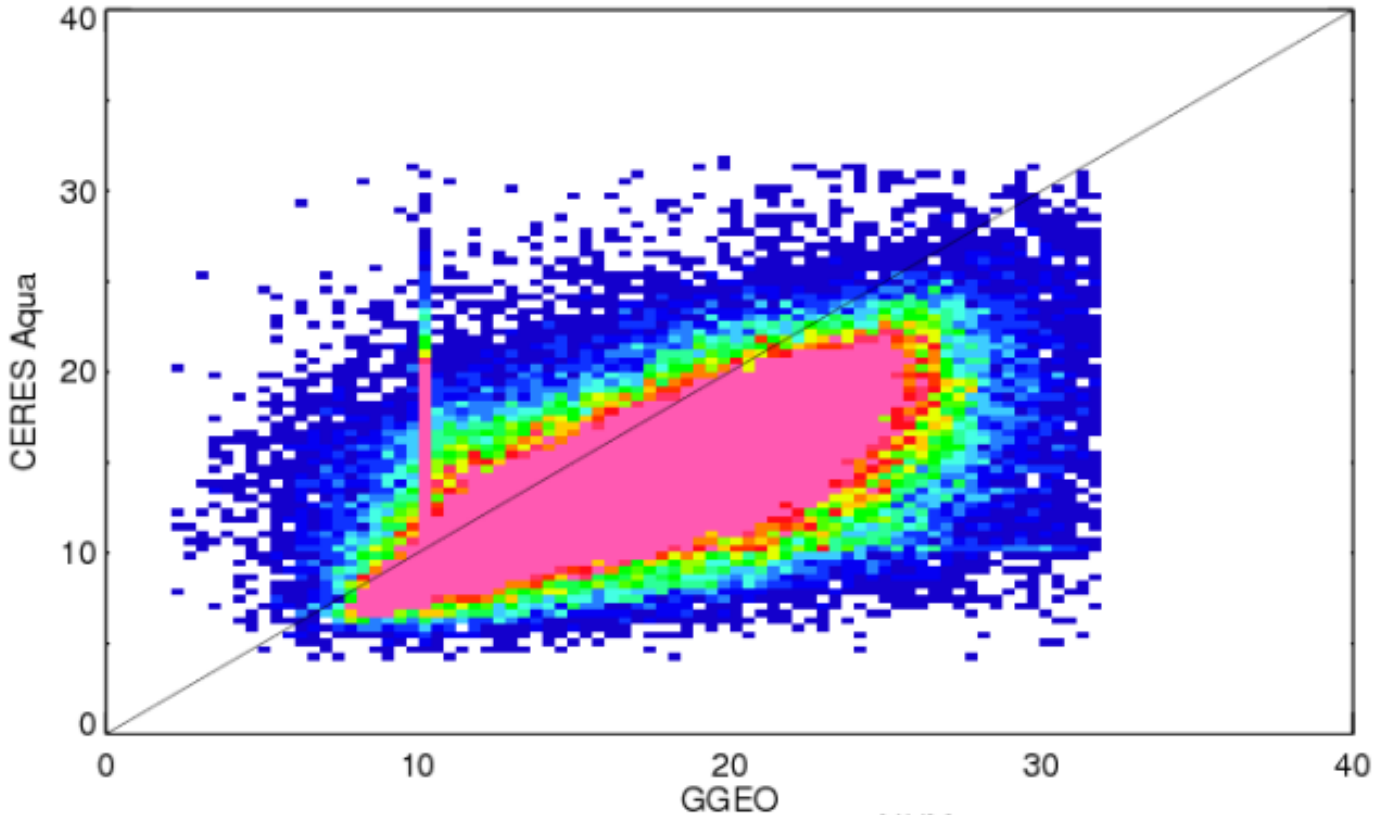
Apr 2008



NUM	70117
GGEO	0.5
CERES	0.5
BIAS	0.01
BIAS%	1.95
R2	0.6205
SLP	0.699
OFF	0.15
RMS	0.2
RMS%	42.61

MTSAT-1 Aqua Daytime Liquid Particle Size (microns) 5ch_V01

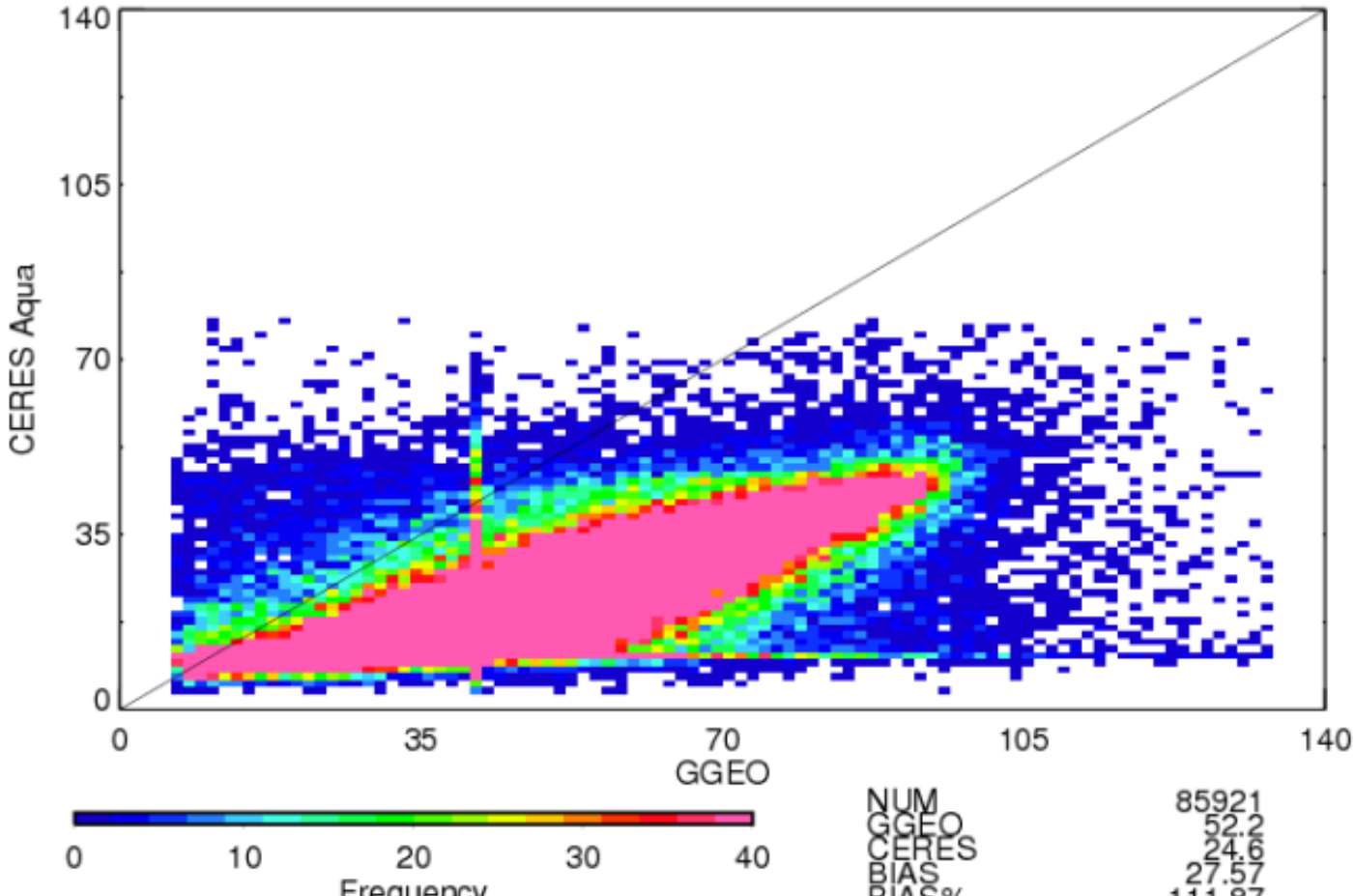
Apr 2008



NUM	100662
GGEO	17.4
CERES	14.3
BIAS	3.12
BIAS%	21.87
R2	0.3477
SLP	0.452
OFF	6.41
RMS	5.2
RMS%	36.65

MTSAT-1 Aqua Daytime Ice Particle Size (microns) 5ch_V01

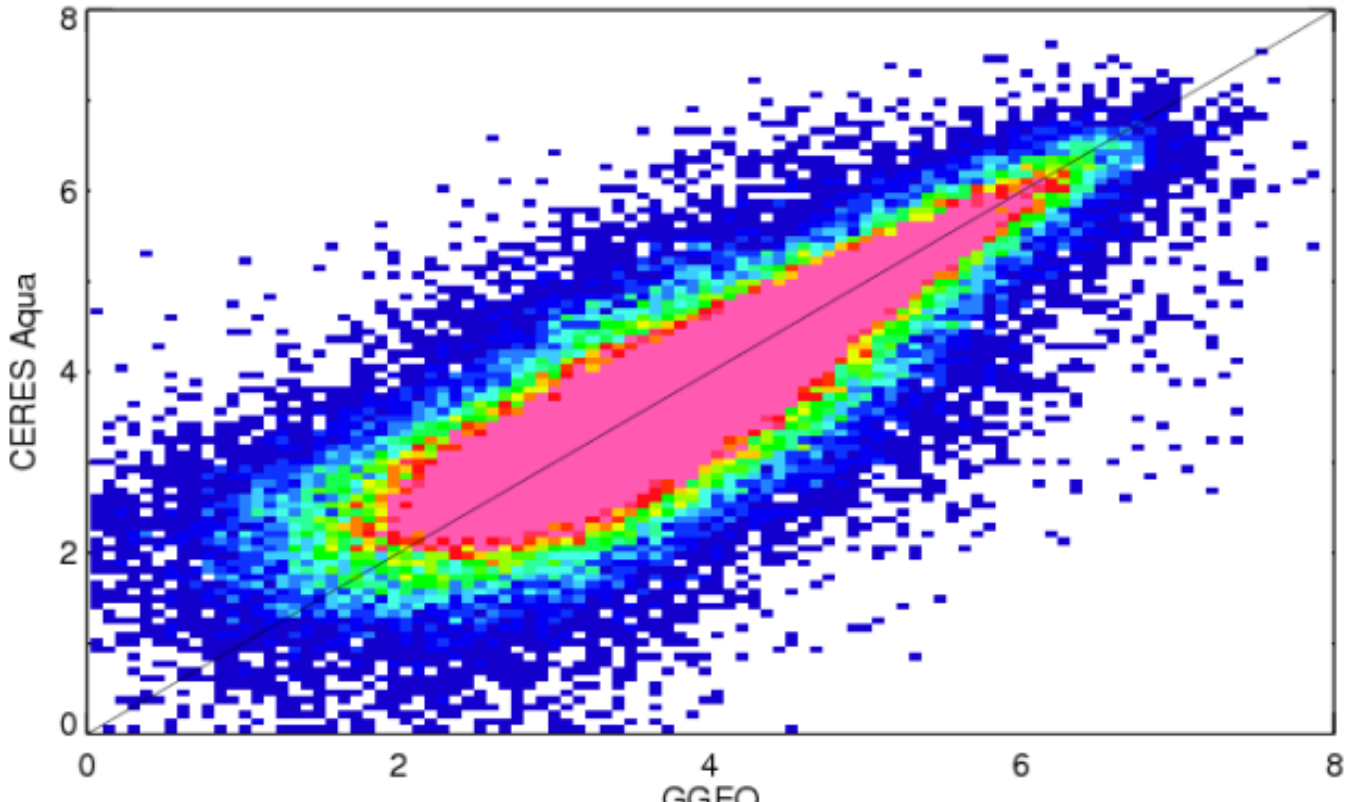
Apr 2008



NUM	85921
GGEO	52.2
CERES	24.6
BIAS	27.57
BIAS%	111.87
R2	0.3996
SLP	0.346
OFF	6.58
RMS	32.3
RMS%	130.91

MTSAT-1 Aqua Daytime Log Liquid Water Path (g/m2) 5ch_V01

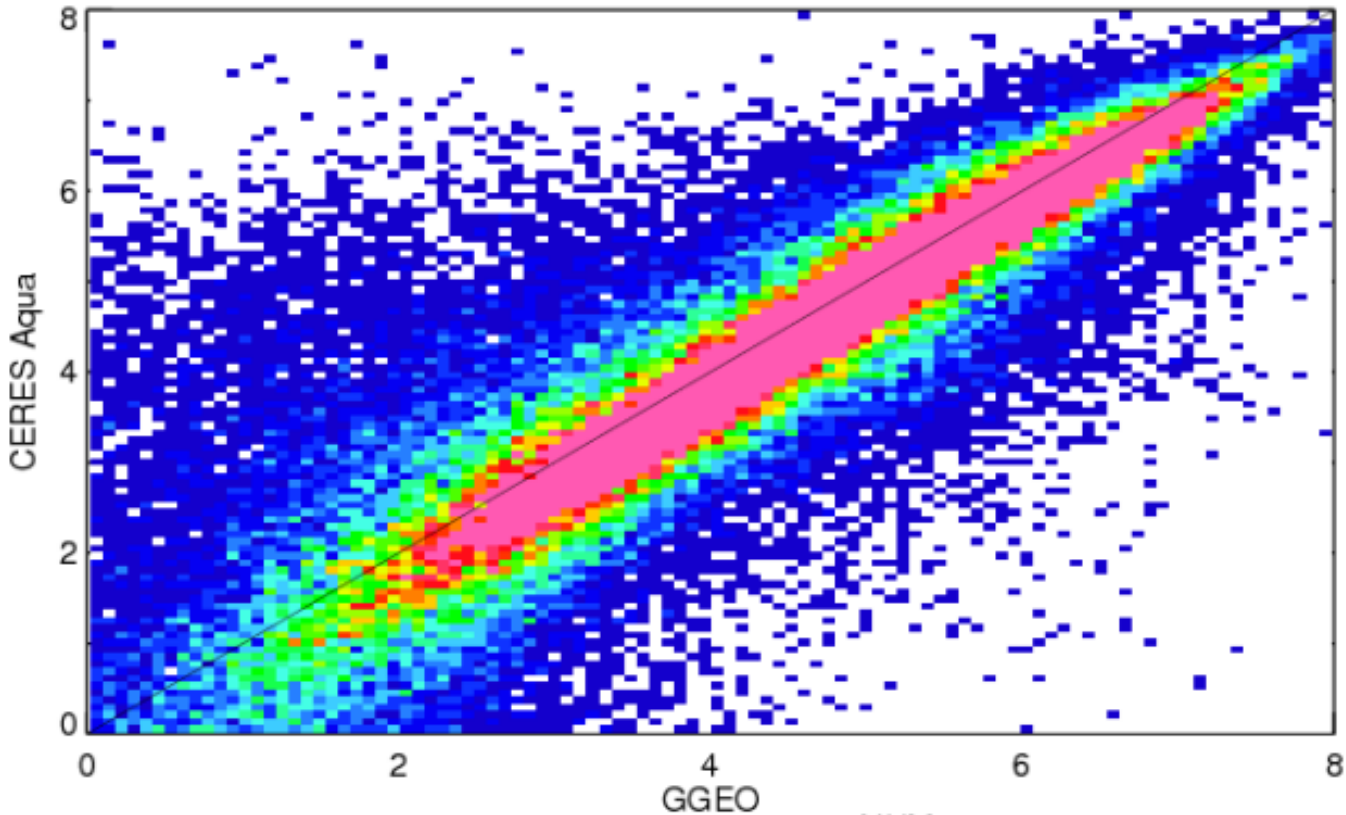
Apr 2008



NUM	100662
GGEO	3.8
CERES	3.7
BIAS	0.02
BIAS%	0.56
R2	0.6791
SLP	0.803
OFF	0.72
RMS	0.7
RMS%	17.58

MTSAT-1 Aqua Daytime Log Ice Water Path (g/m2) 5ch_V01

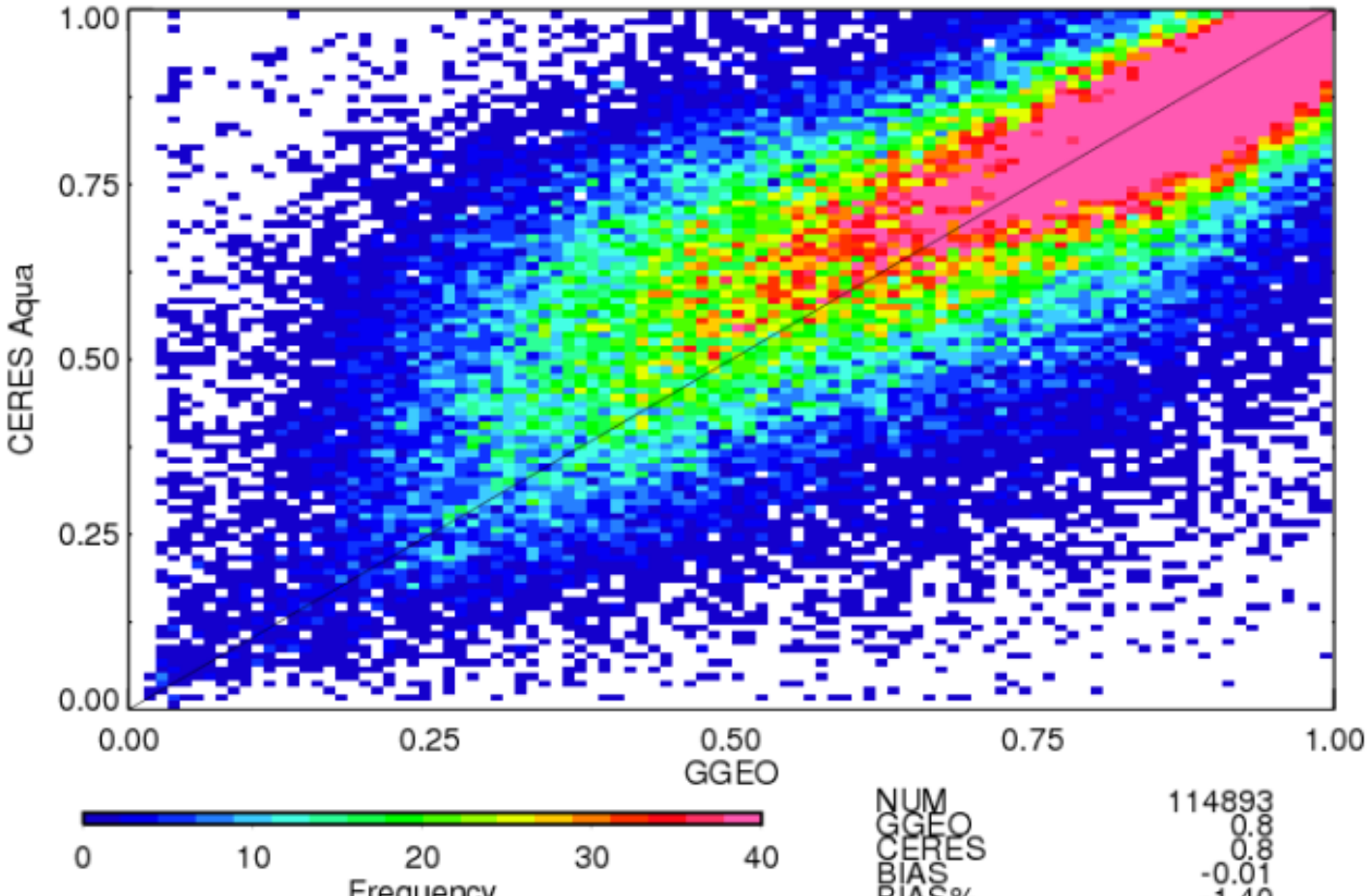
Apr 2008



NUM	85921
GGEO	3.7
CERES	3.6
BIAS	0.10
BIAS%	2.61
R2	0.7264
SLP	0.875
OFF	0.37
RMS	1.1
RMS%	30.94

MTSAT-1 Aqua Daytime Emissivity 5ch_V01

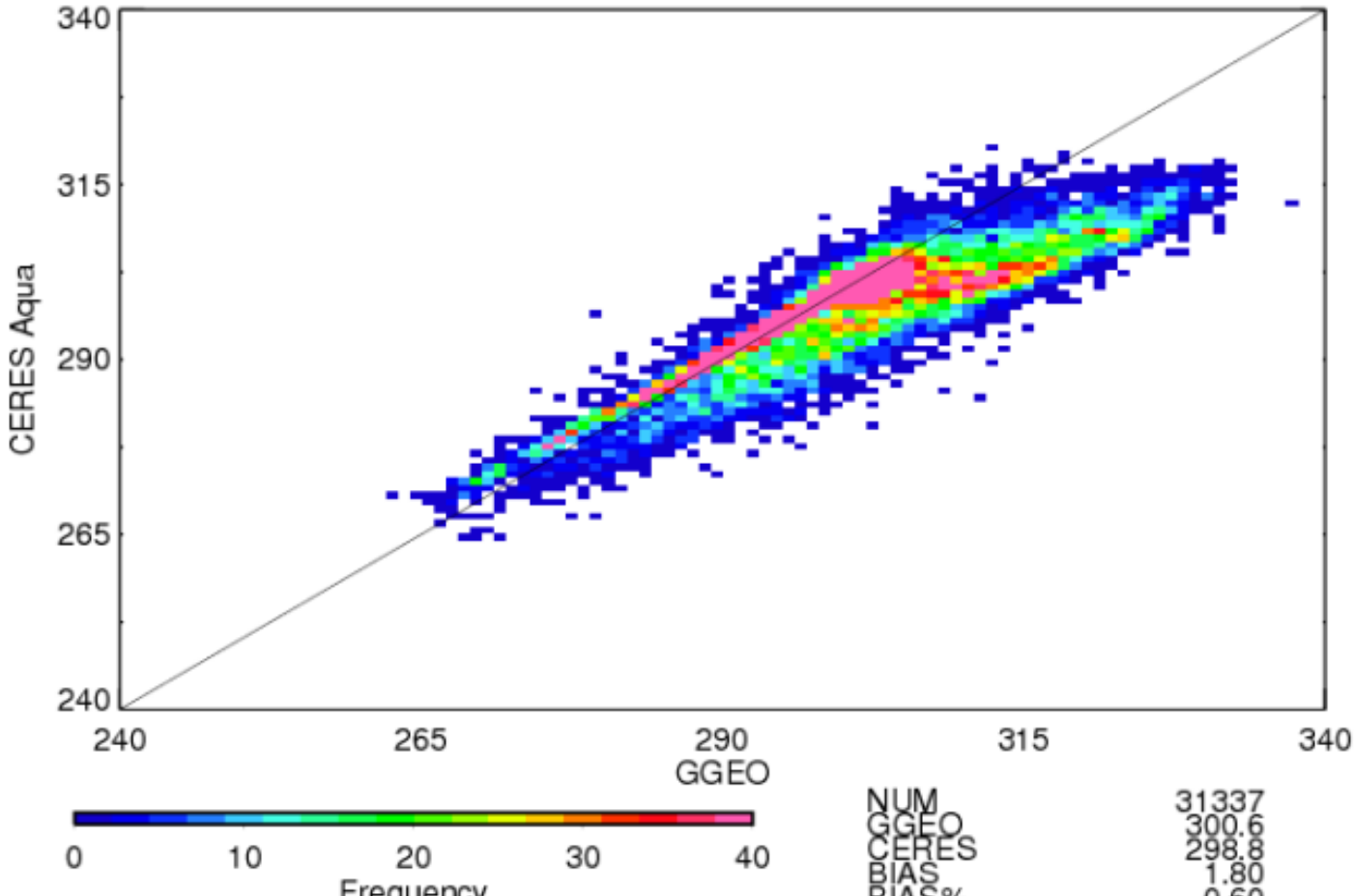
Apr 2008



NUM	114893
GGEO	0.8
CERES	0.8
BIAS	-0.01
BIAS%	-1.40
R2	0.6339
SLP	0.722
OFF	0.22
RMS	0.2
RMS%	19.79

MTSAT-1 Aqua Daytime Skin Temperature (K) 5ch_V01

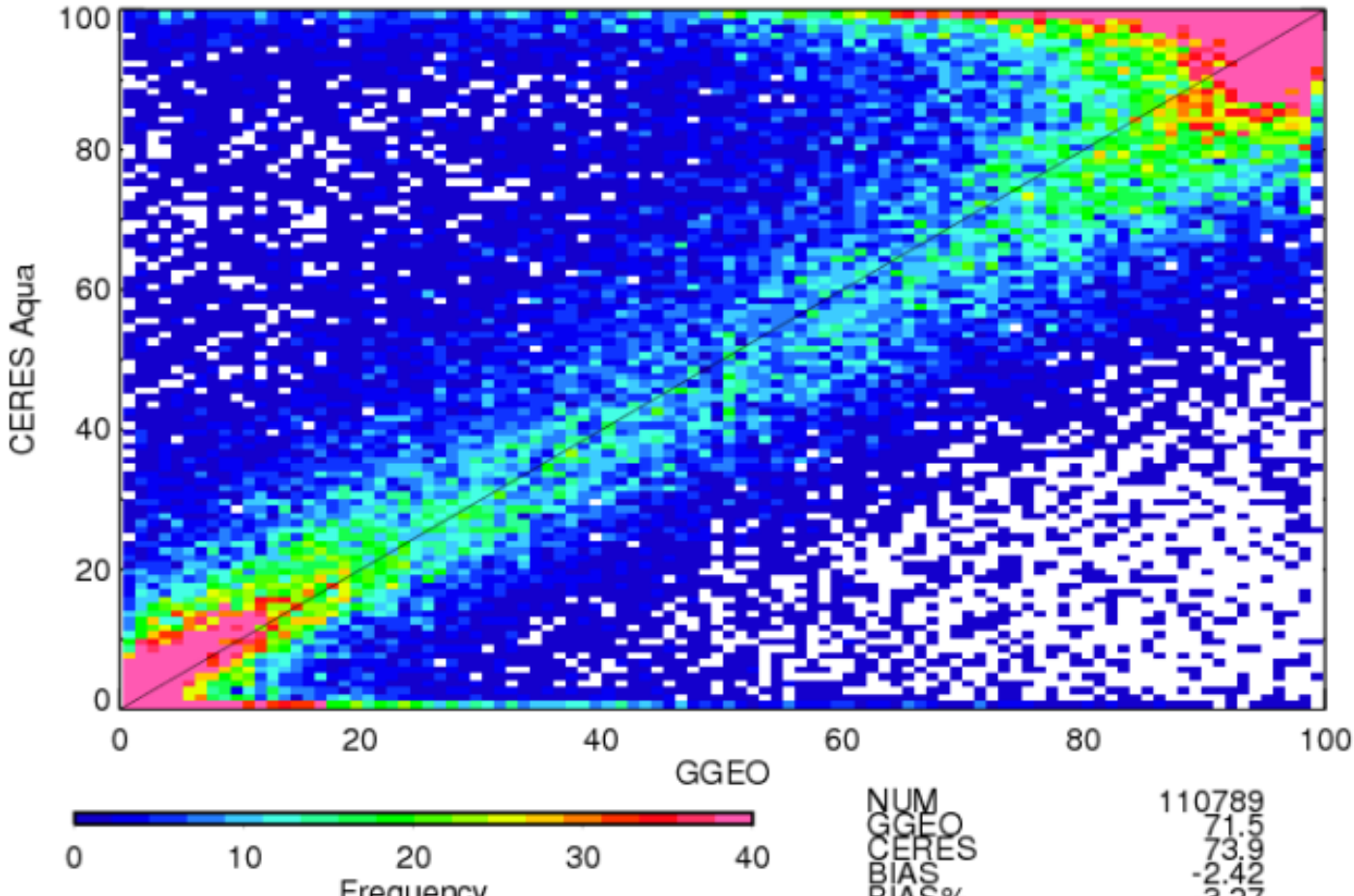
Apr 2008



NUM	31337
GGEO	300.6
CERES	298.8
BIAS	1.80
BIAS%	0.60
R2	0.7476
SLP	0.689
OFF	91.75
RMS	4.6
RMS%	1.55

MTSAT-1 Aqua Night-time Cloud Amount (%) 5ch_V01

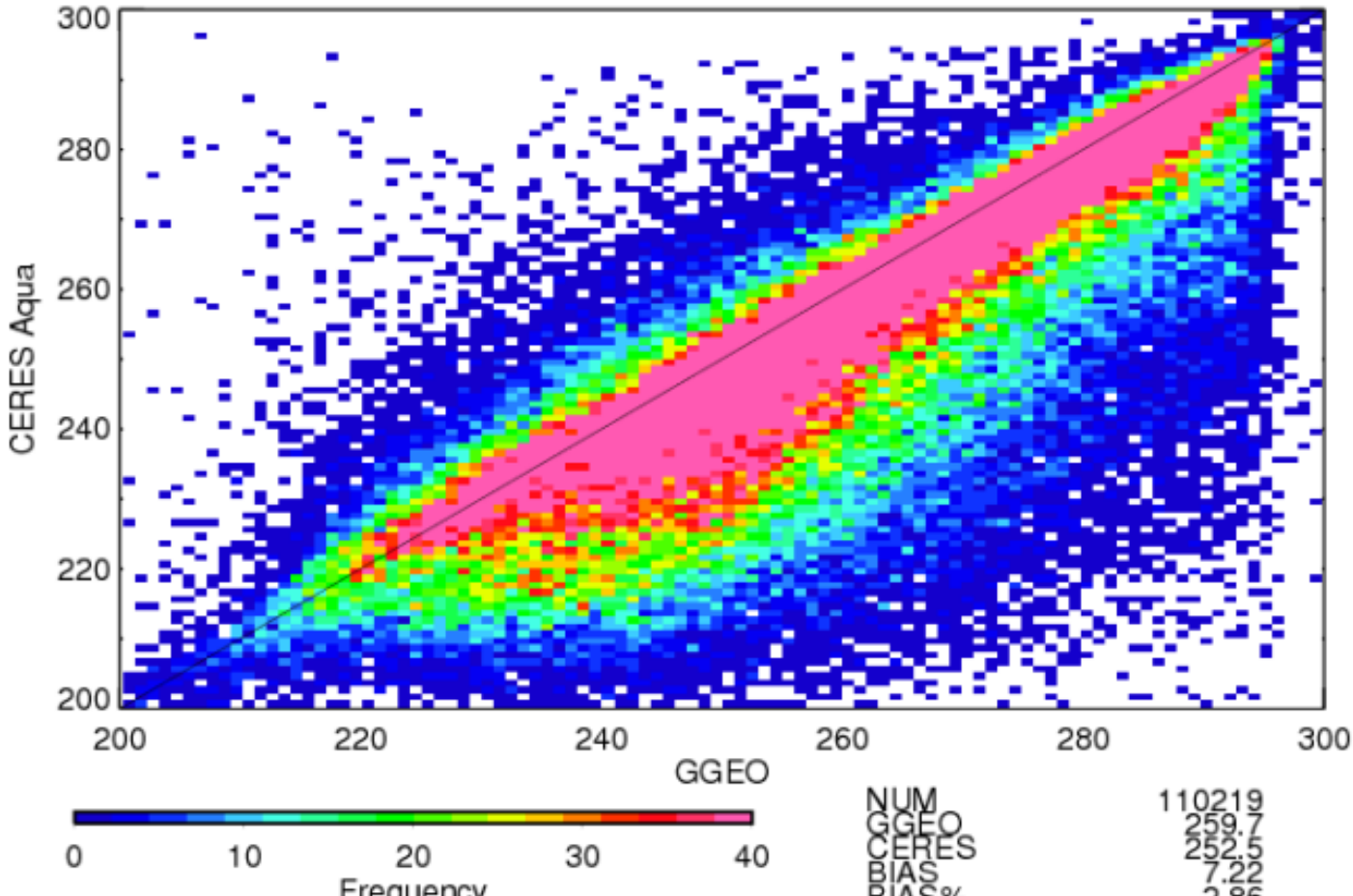
Apr 2008



NUM	110789
GGEO	71.5
CERES	73.9
BIAS	-2.42
BIAS%	-3.27
R2	0.7330
SLP	0.829
OFF	14.67
RMS	18.2
RMS%	24.59

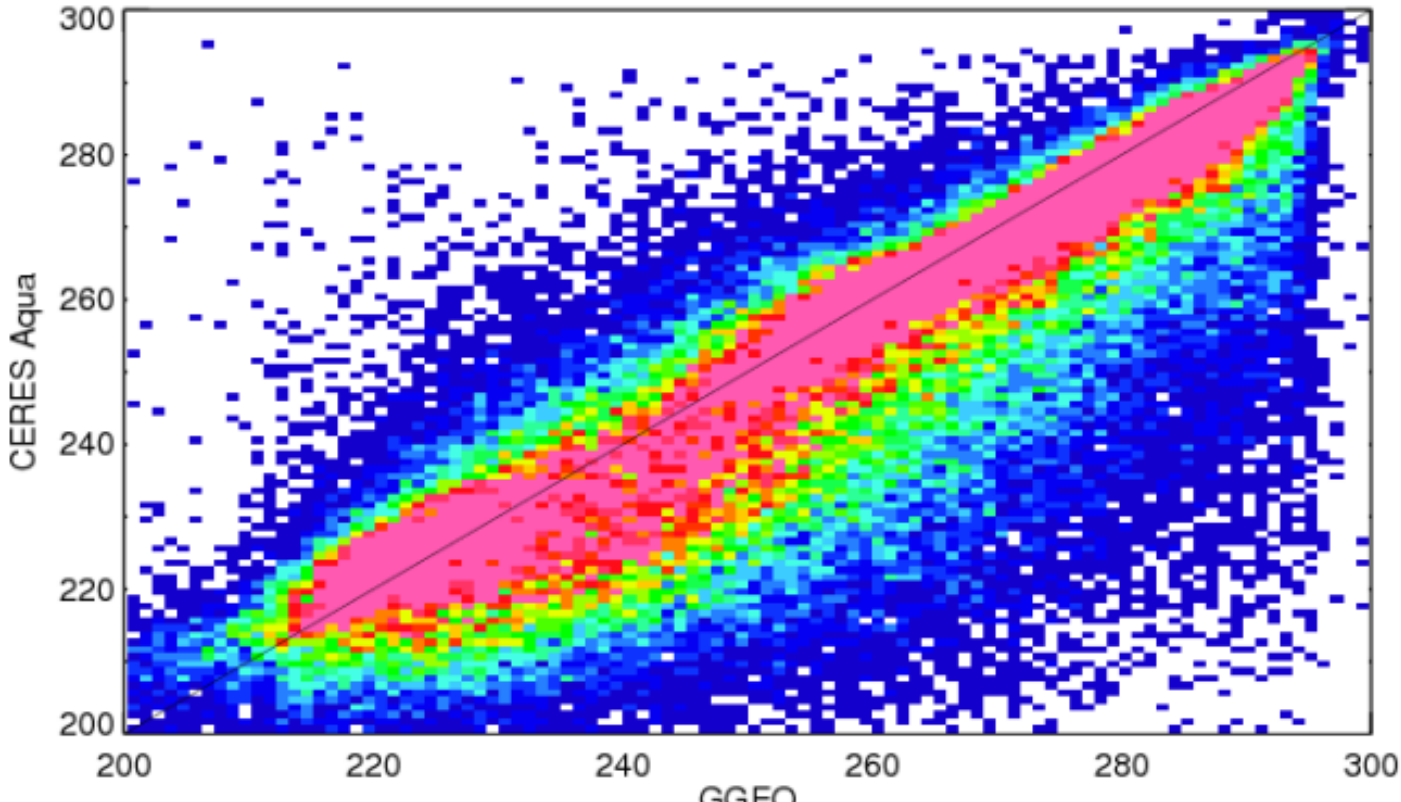
MTSAT-1 Aqua Night-time Cloud Temperature (K) 5ch_V01

Apr 2008



MTSAT-1 Aqua Night-time Cloud Top Temperature (K) 5ch_V01

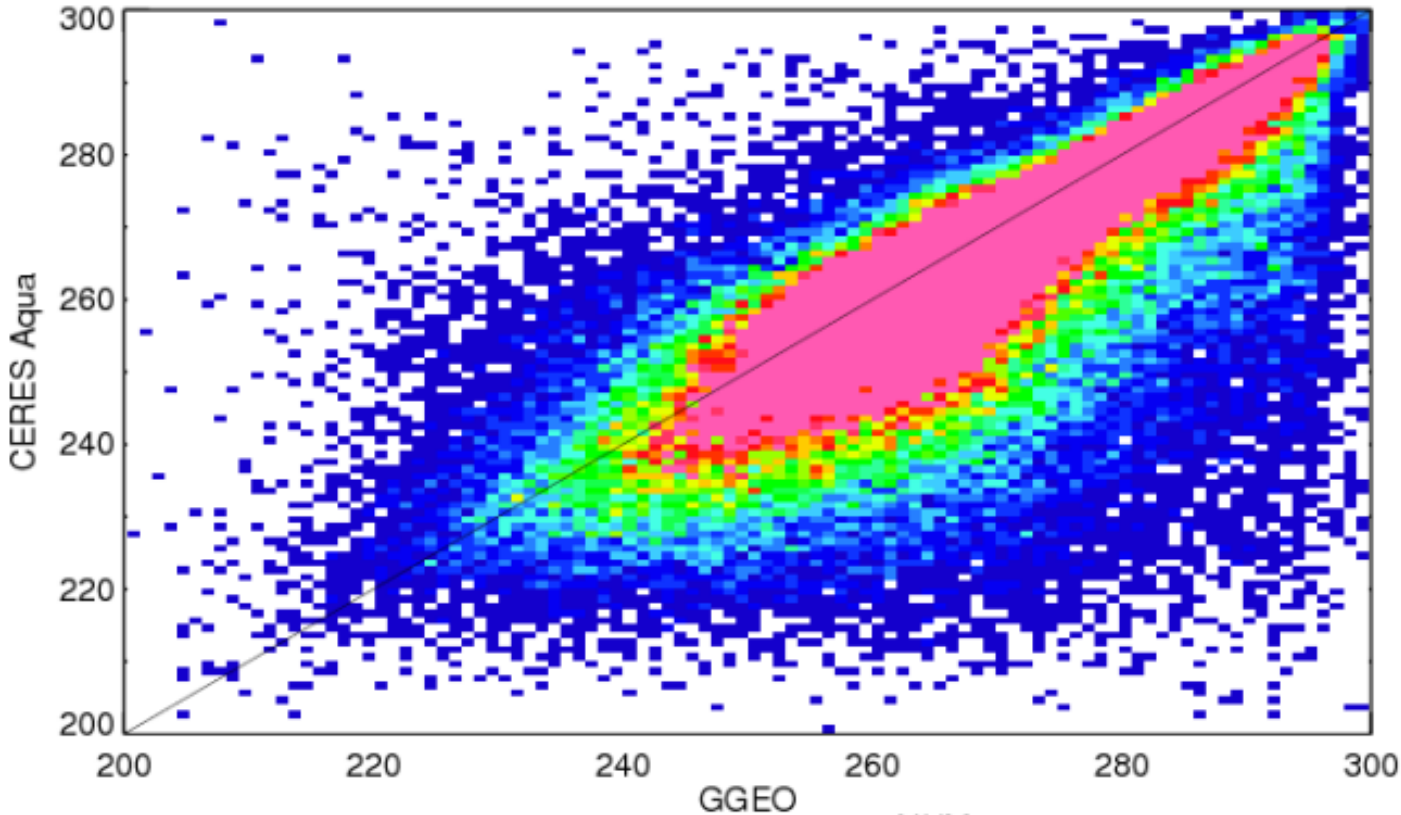
Apr 2008



NUM	110219
GGEO	256.0
CERES	249.7
BIAS	6.31
BIAS%	2.53
R2	0.7115
SLP	0.872
OFF	26.49
RMS	14.5
RMS%	5.81

MTSAT-1 Aqua Night-time Cloud Base Temperature (K) 5ch_V01

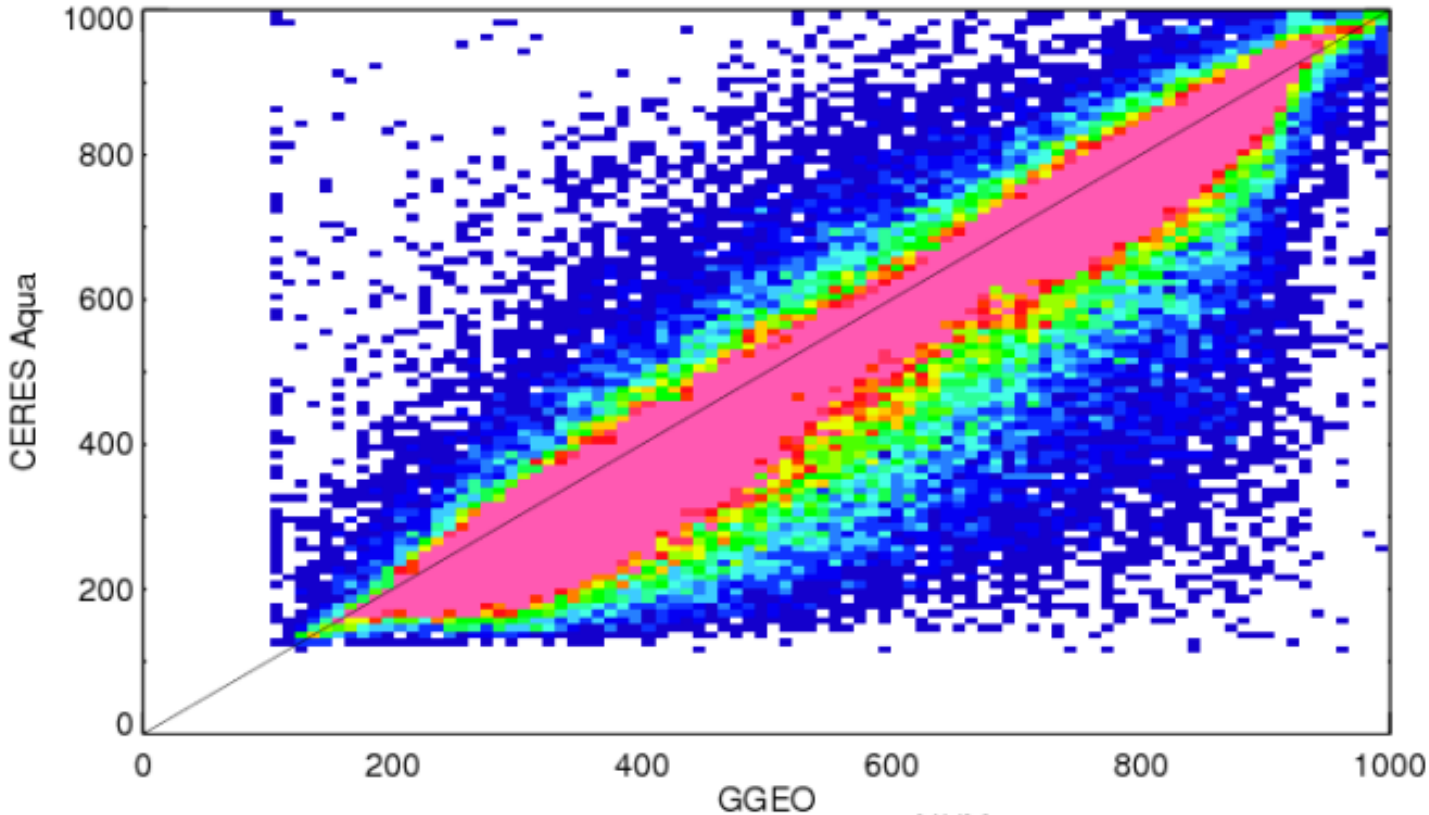
Apr 2008



NUM	110219
GGEO	267.2
CERES	261.9
BIAS	5.32
BIAS%	2.03
R2	0.5368
SLP	0.815
OFF	44.20
RMS	13.2
RMS%	5.03

MTSAT-1 Aqua Night-time Cloud Eff Pressure (mb) 5ch_V01

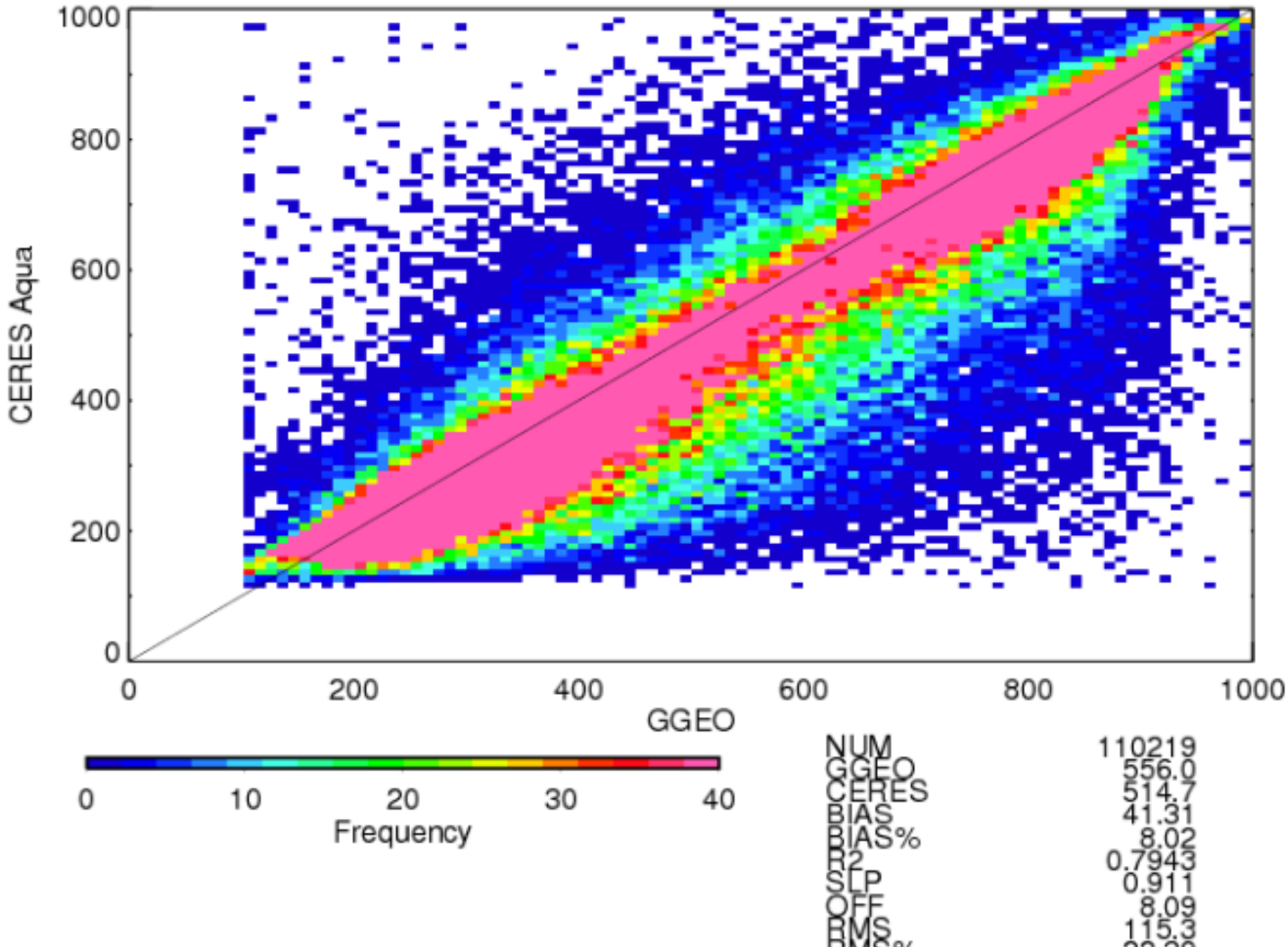
Apr 2008



NUM	110219
GGEO	580.7
CERES	532.8
BIAS	47.92
BIAS%	8.99
R2	0.7853
SLP	0.945
OFF	-16.03
RMS	115.5
RMS%	21.68

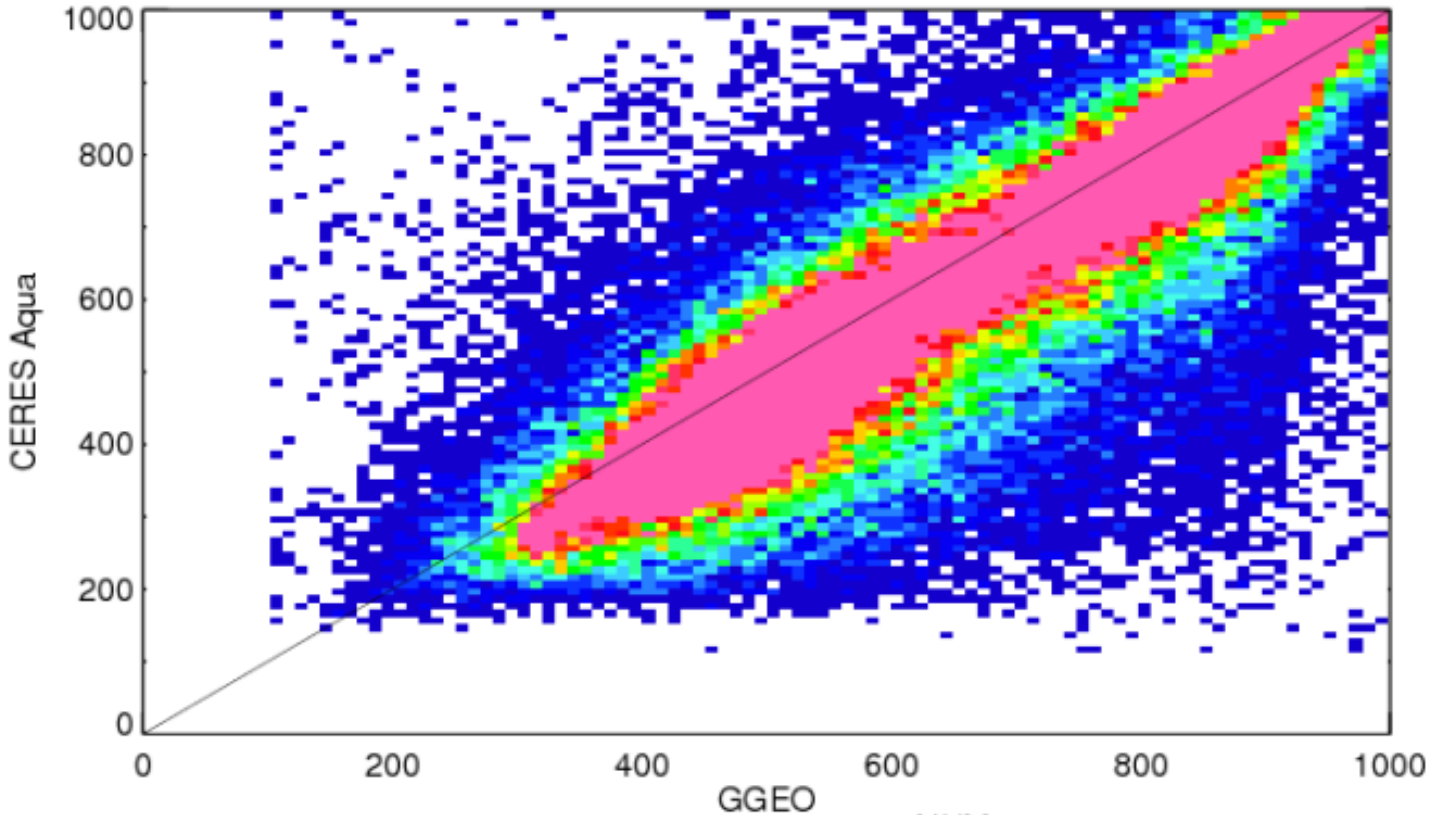
MTSAT-1 Aqua Night-time Cloud Top Pressure (mb) 5ch_V01

Apr 2008



MTSAT-1 Aqua Night-time Cloud Base Pressure (mb) 5ch_V01

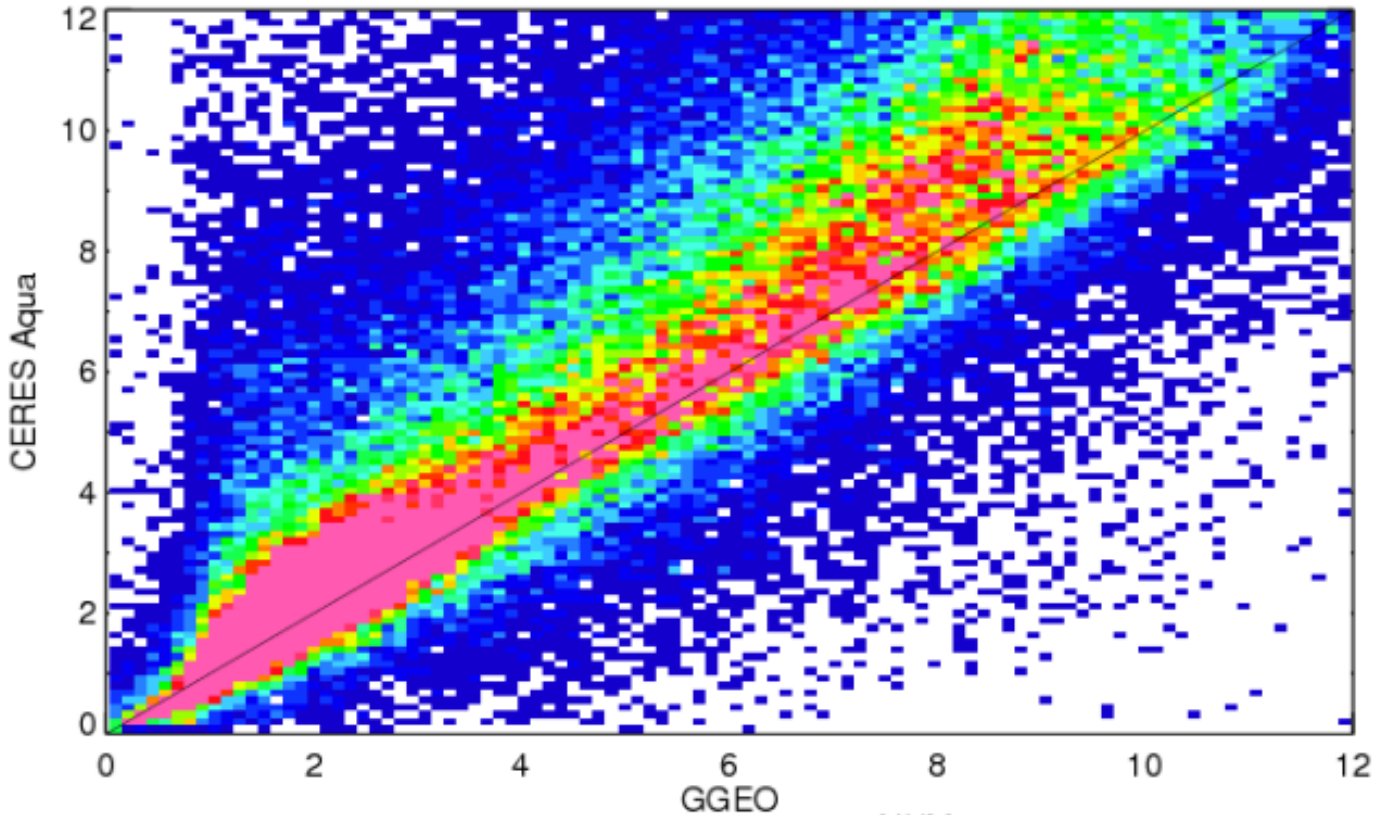
Apr 2008



NUM	110219
GGEO	653.0
CERES	613.3
BIAS	39.69
BIAS%	6.47
R2	0.7042
SLP	0.916
OFF	15.03
RMS	120.2
RMS%	19.59

MTSAT-1 Aqua Night-time Cloud Eff Height (km) 5ch_V01

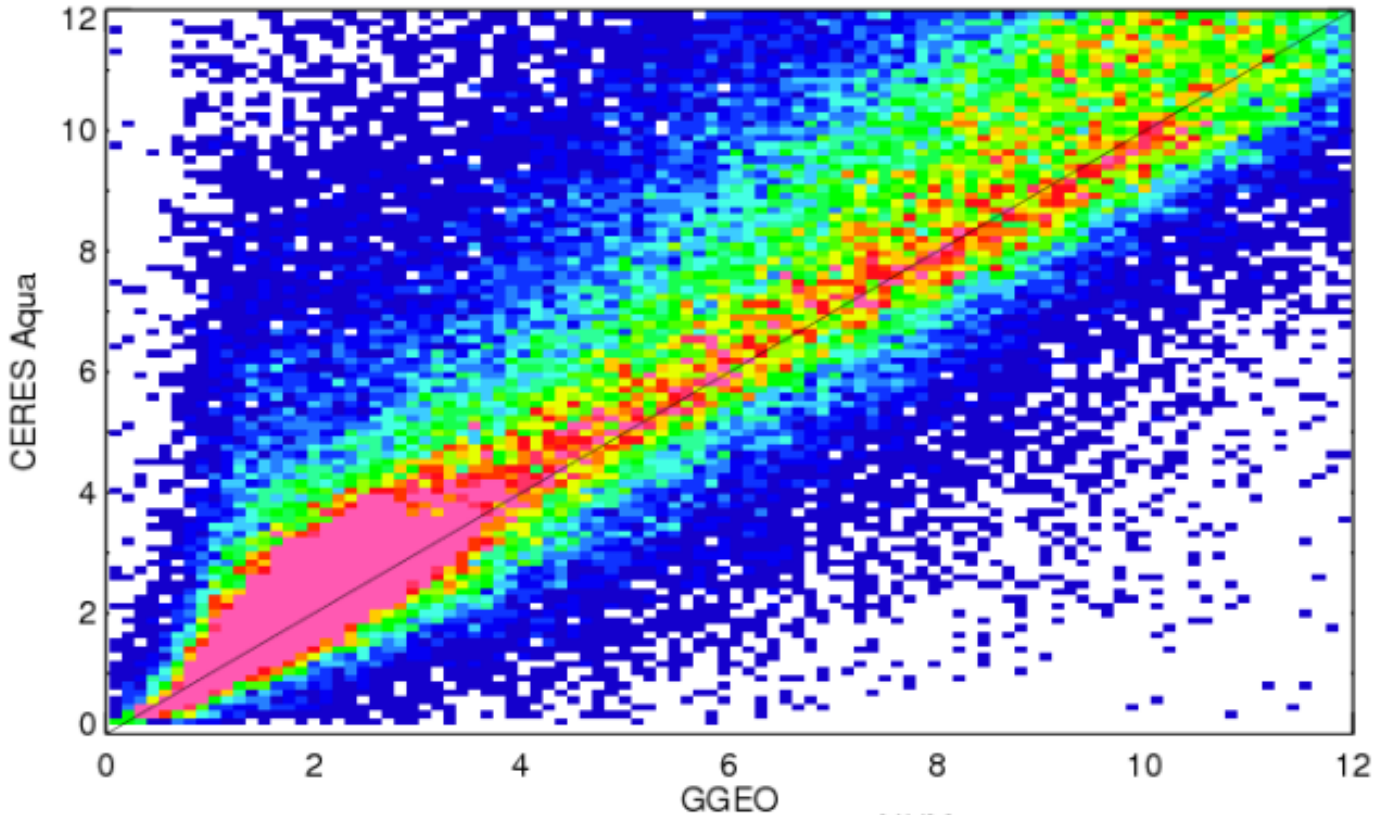
Apr 2008



NUM	110219
GGEO	5.3
CERES	6.3
BIAS	-0.98
BIAS%	-15.61
R2	0.7394
SLP	0.993
OFF	1.02
RMS	2.2
RMS%	34.35

MTSAT-1 Aqua Night-time Cloud Top Height (km) 5ch_V01

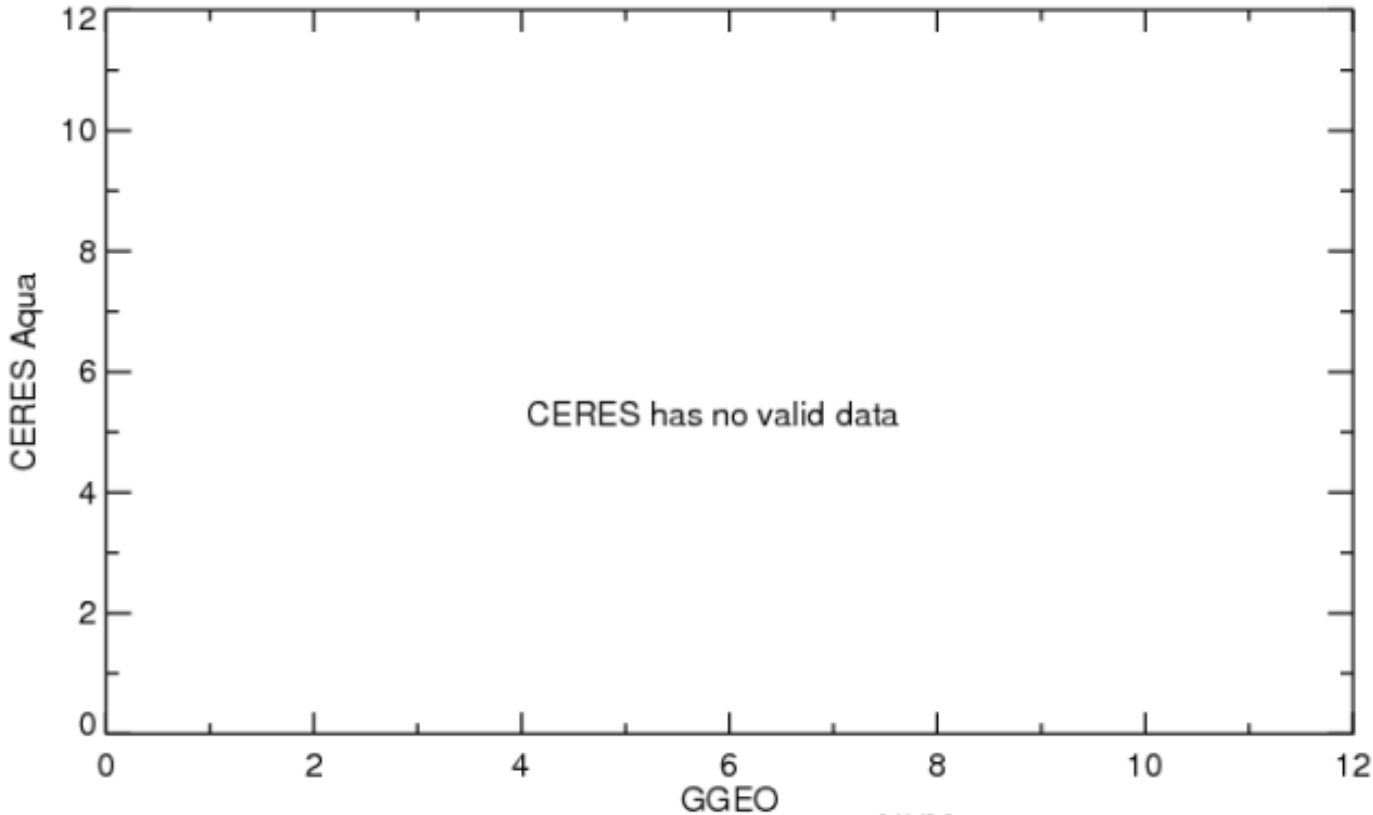
Apr 2008



NUM	110219
GGEO	5.8
CERES	6.7
BIAS	-0.85
BIAS%	-12.69
R2	0.7569
SLP	0.939
OFF	1.20
RMS	2.1
RMS%	32.17

MTSAT-1 Aqua Night-time Cloud Base Height (km) 5ch_V01

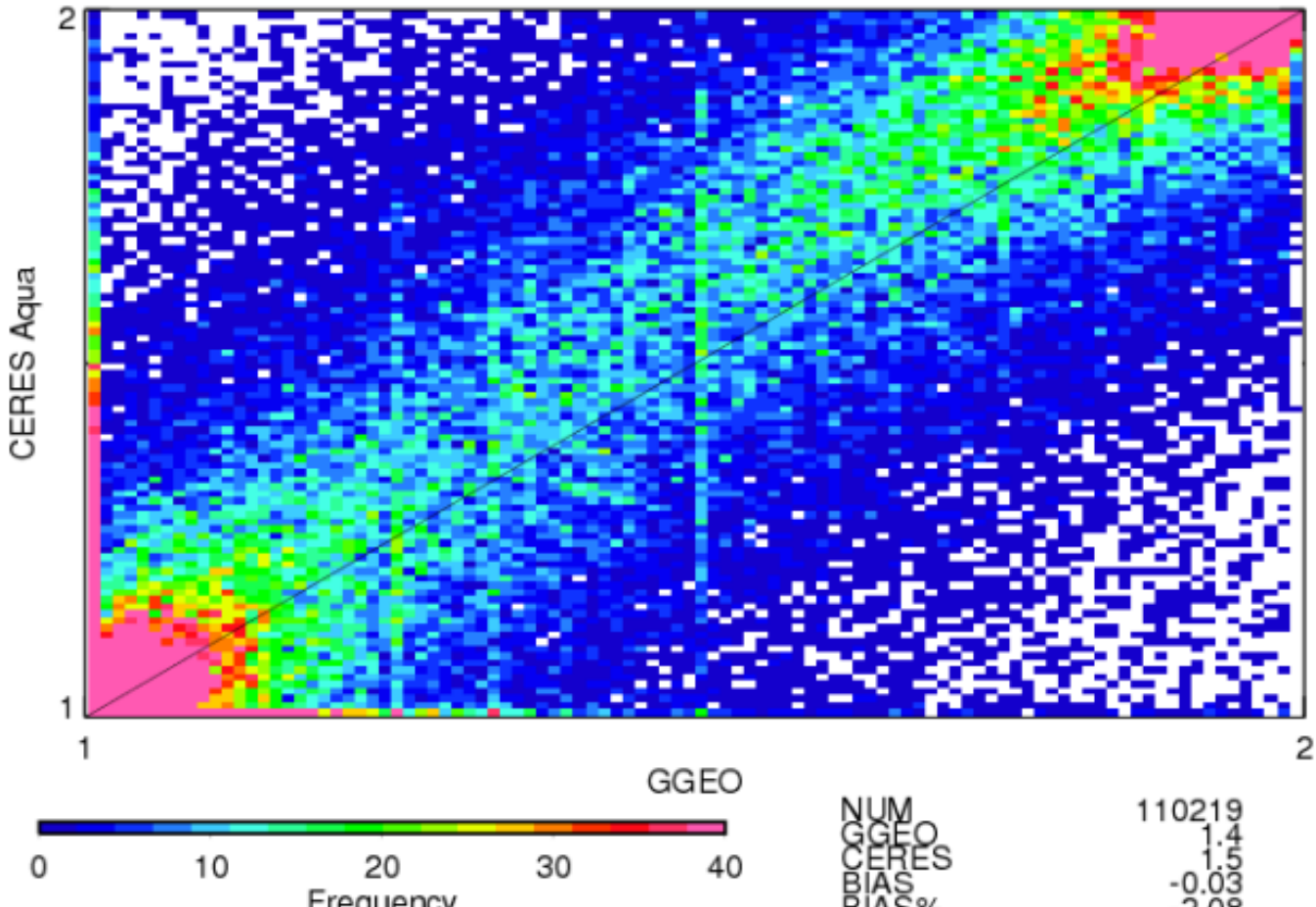
Apr 2008



NUM	20
GGEO	0.0
CERES	0.0
BIAS	0.00
BIAS%	-NaN
R2	NaN
SLP	-NaN
OFF	-NaN
RMS	0.0
RMS%	-NaN

MTSAT-1 Aqua Night-time Cloud Phase 5ch_V01

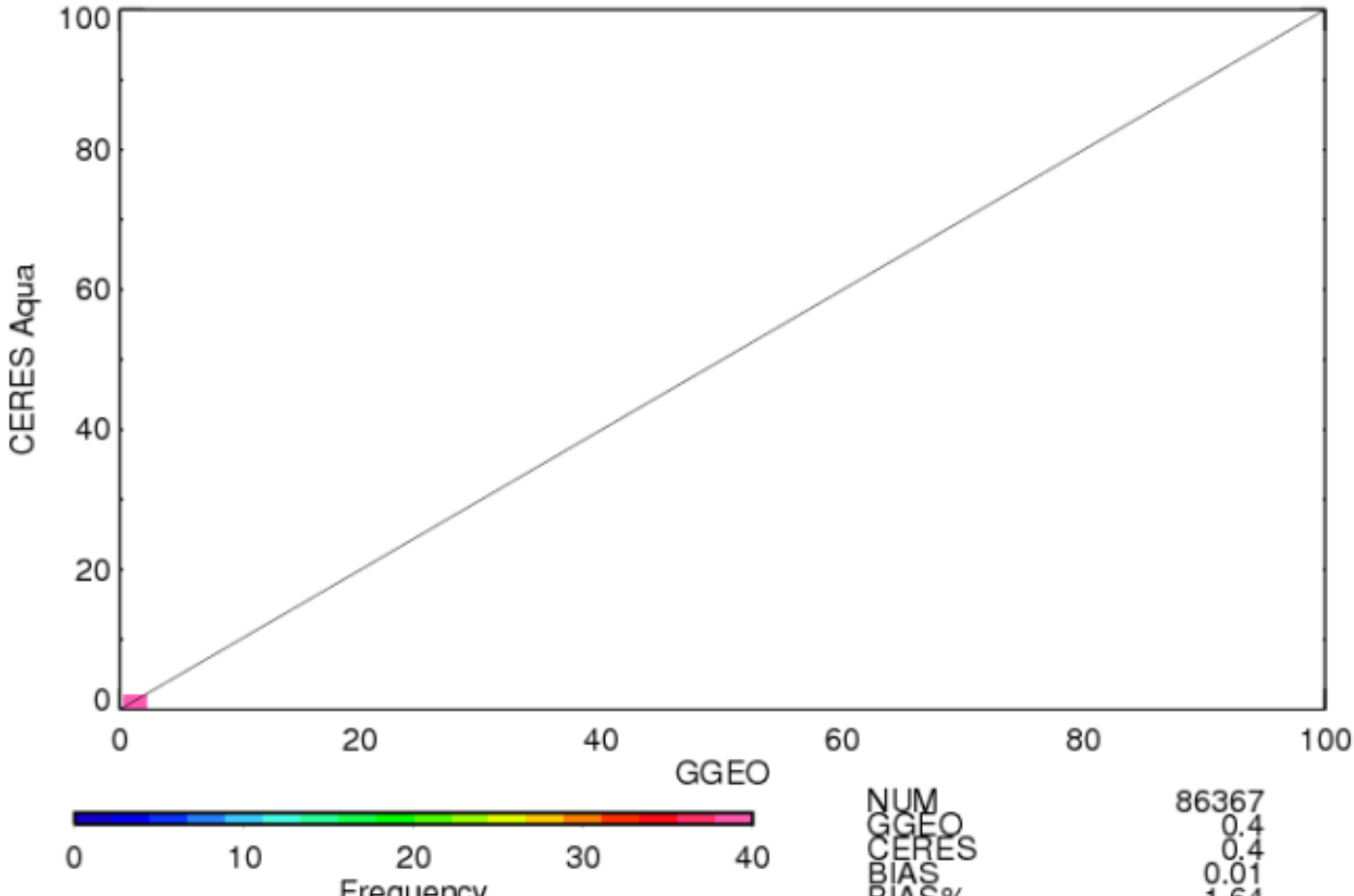
Apr 2008



NUM	110219
GGEO	1.4
CERES	1.5
BIAS	-0.03
BIAS%	-2.08
R2	0.7605
SLP	0.868
OFF	0.22
RMS	0.2
RMS%	13.12

MTSAT-1 Aqua Night-time Liquid Cld Amt (%) 5ch_V01

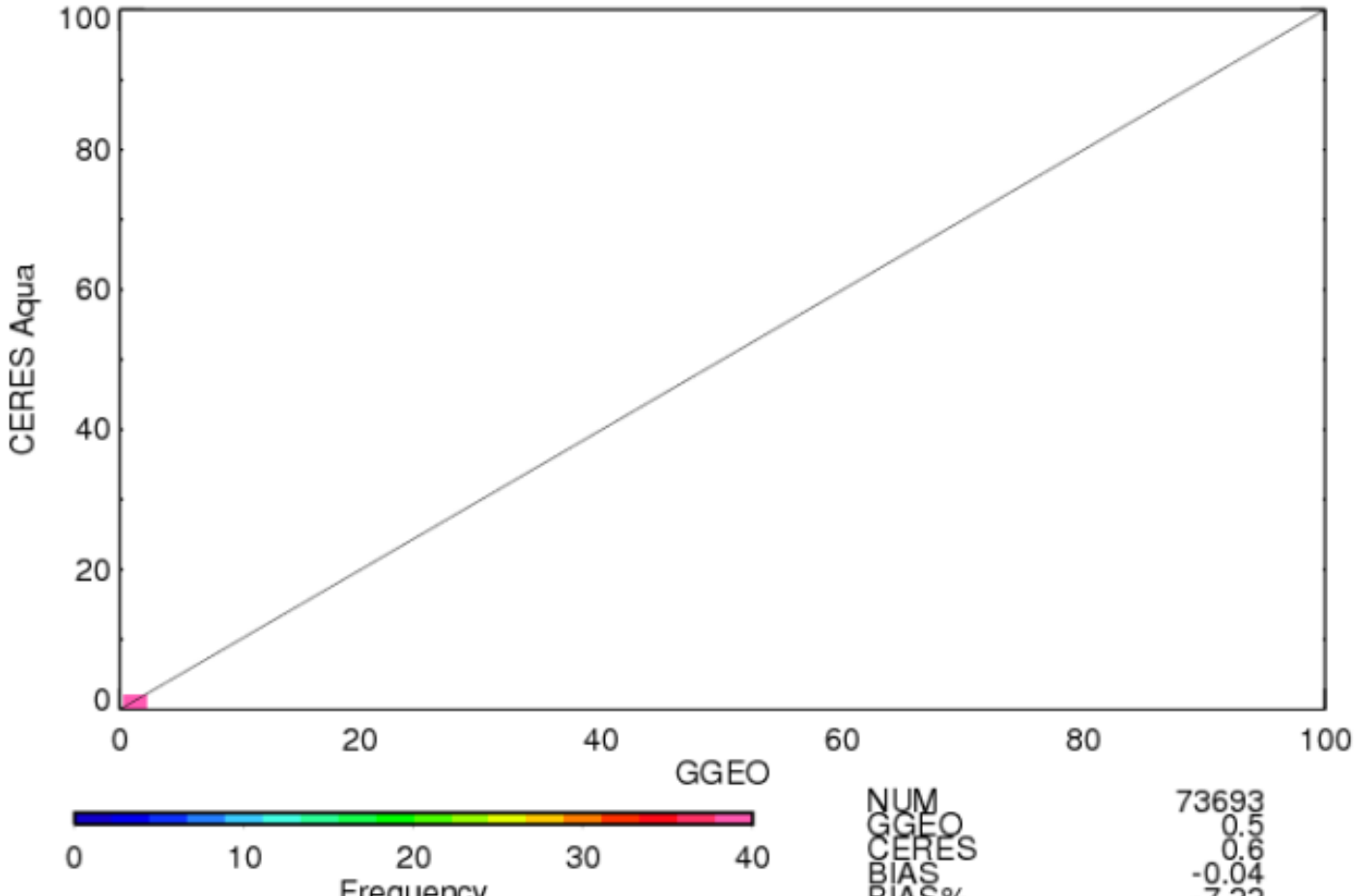
Apr 2008



NUM	86367
GGEO	0.4
CERES	0.4
BIAS	0.01
BIAS%	1.64
R2	0.5631
SLP	0.761
OFF	0.10
RMS	0.2
RMS%	47.94

MTSAT-1 Aqua Night-time Ice Cld Amt (%) 5ch_V01

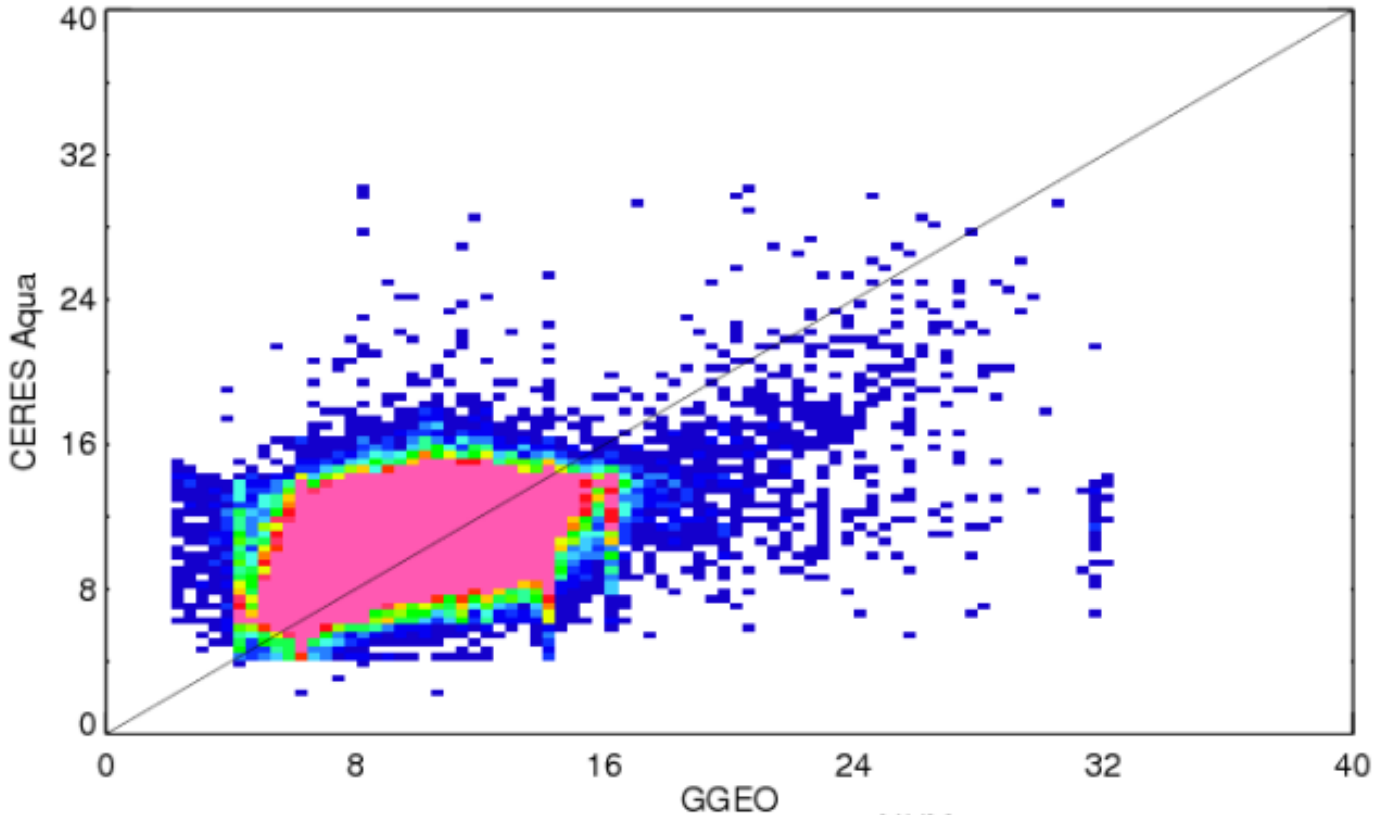
Apr 2008



NUM	73693
GGEO	0.5
CERES	0.6
BIAS	-0.04
BIAS%	-7.22
R2	0.6579
SLP	0.792
OFF	0.15
RMS	0.2
RMS%	36.39

MTSAT-1 Aqua Night-time Liquid Particle Size (microns) 5ch_V01

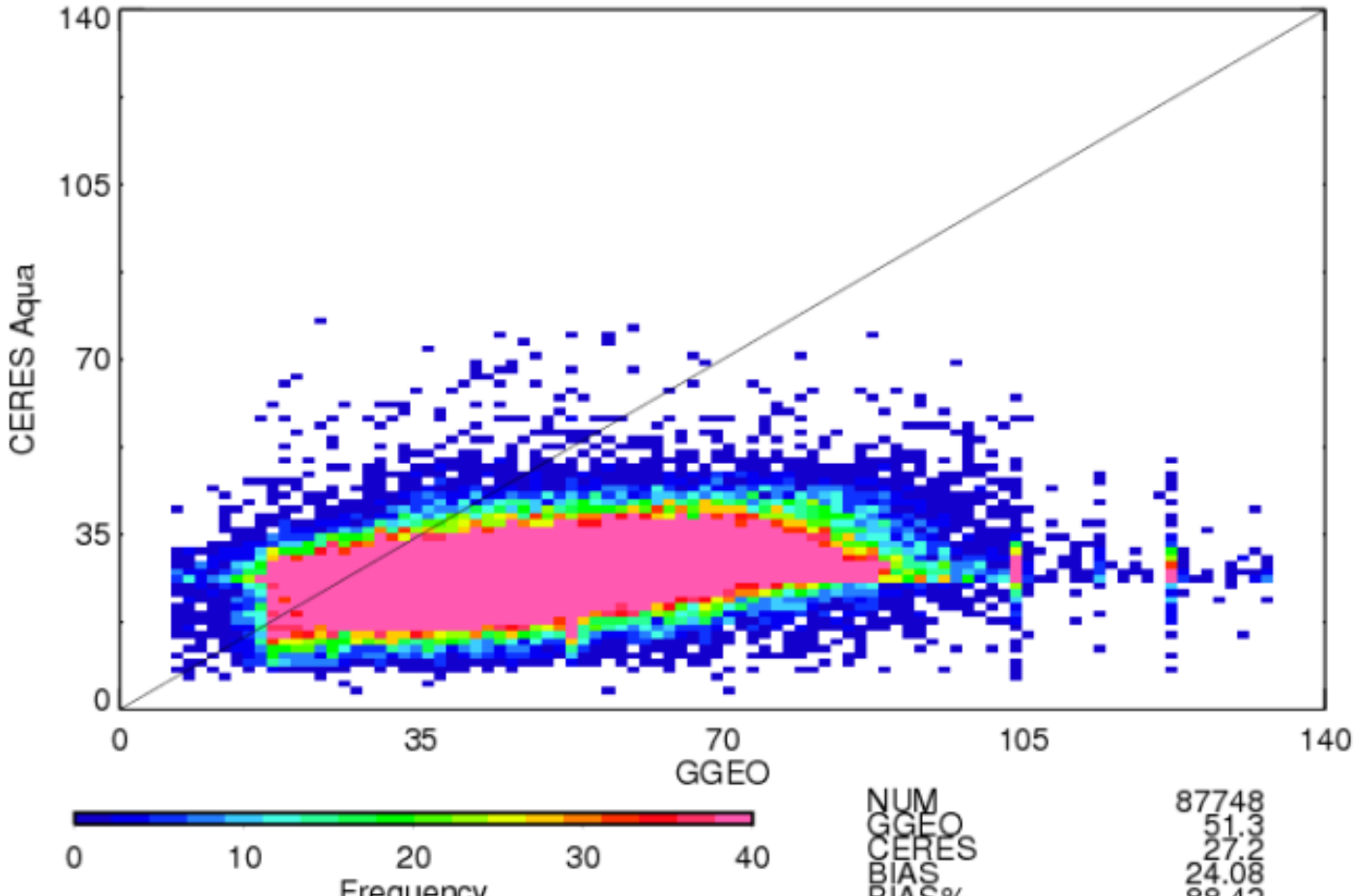
Apr 2008



NUM	99836
GGEO	10.0
CERES	10.9
BIAS	-0.88
BIAS%	-8.06
R2	0.2617
SLP	0.410
OFF	6.78
RMS	2.7
RMS%	24.43

MTSAT-1 Aqua Night-time Ice Particle Size (microns) 5ch_V01

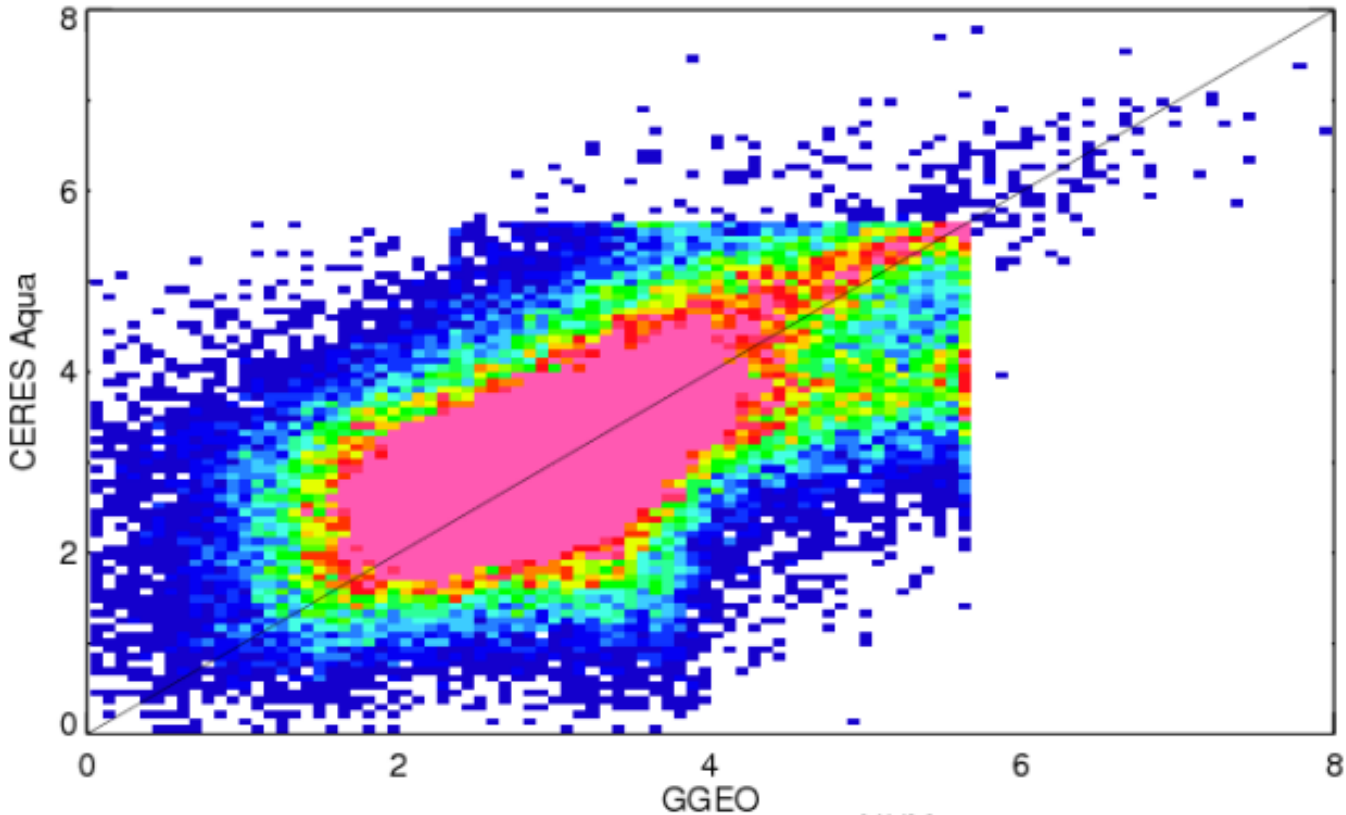
Apr 2008



NUM	87748
GGEO	51.3
CERES	27.2
BIAS	24.08
BIAS%	88.42
R2	0.1089
SLP	0.106
OFF	21.80
RMS	29.5
RMS%	108.17

MTSAT-1 Aqua Night-time Log Liquid Water Path (g/m2) 5ch_V01

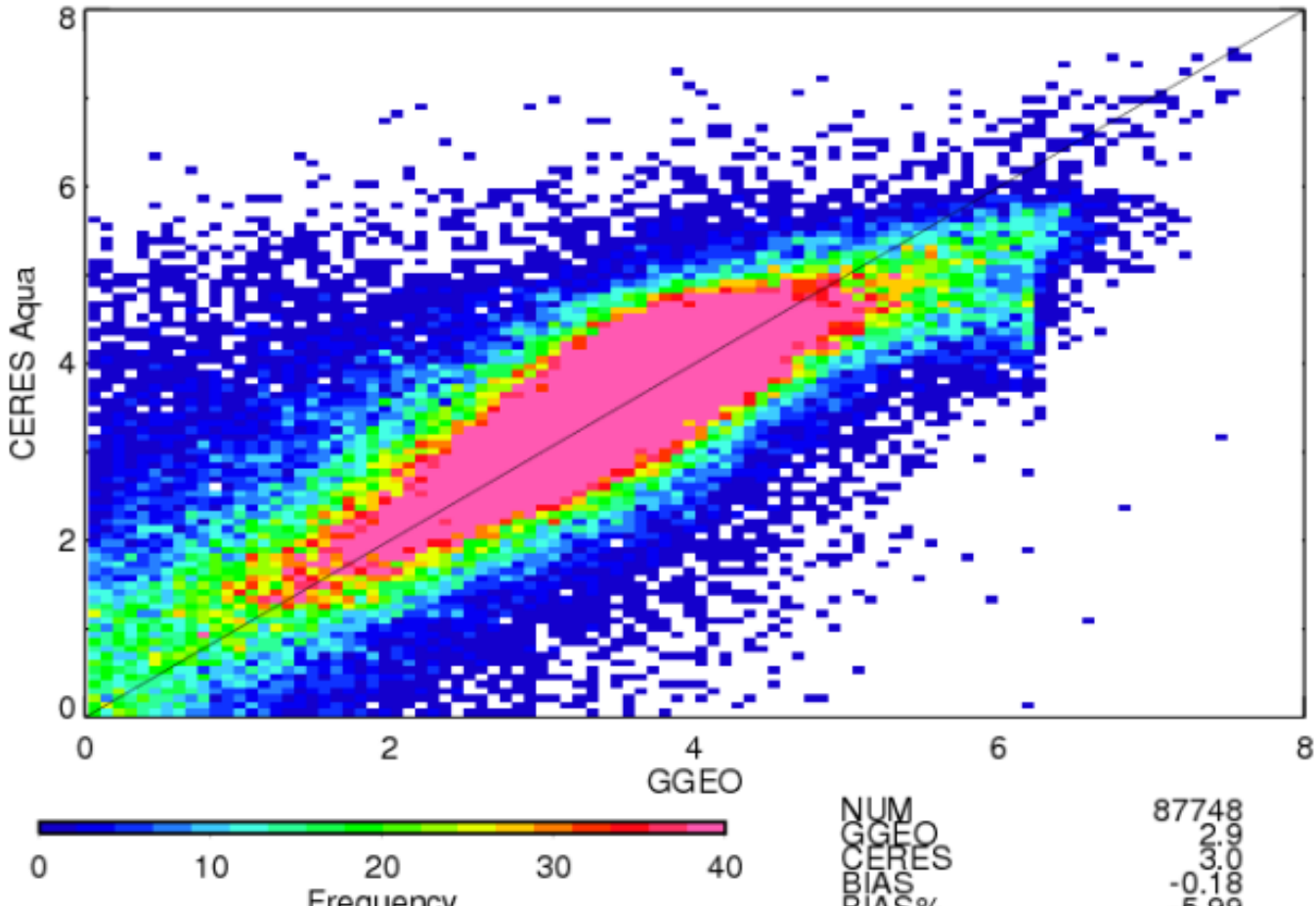
Apr 2008



NUM	99836
GGEO	3.1
CERES	3.2
BIAS	-0.08
BIAS%	-2.56
R2	0.3594
SLP	0.570
OFF	1.42
RMS	0.9
RMS%	28.46

MTSAT-1 Aqua Night-time Log Ice Water Path (g/m2) 5ch_V01

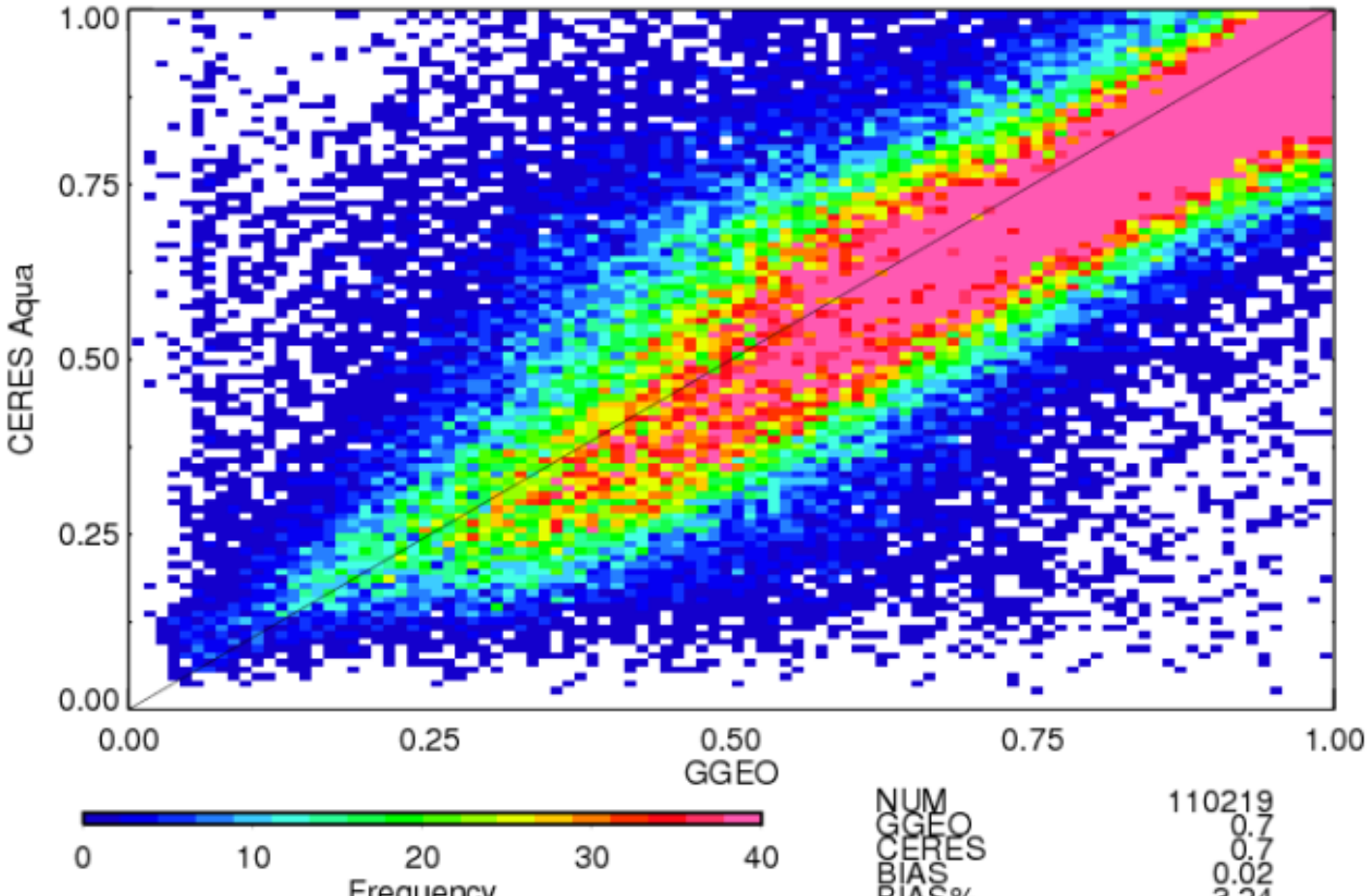
Apr 2008



NUM	87748
GGEO	2.9
CERES	3.0
BIAS	-0.18
BIAS%	-5.99
R2	0.6595
SLP	0.714
OFF	1.00
RMS	1.0
RMS%	32.81

MTSAT-1 Aqua Night-time Emissivity 5ch_V01

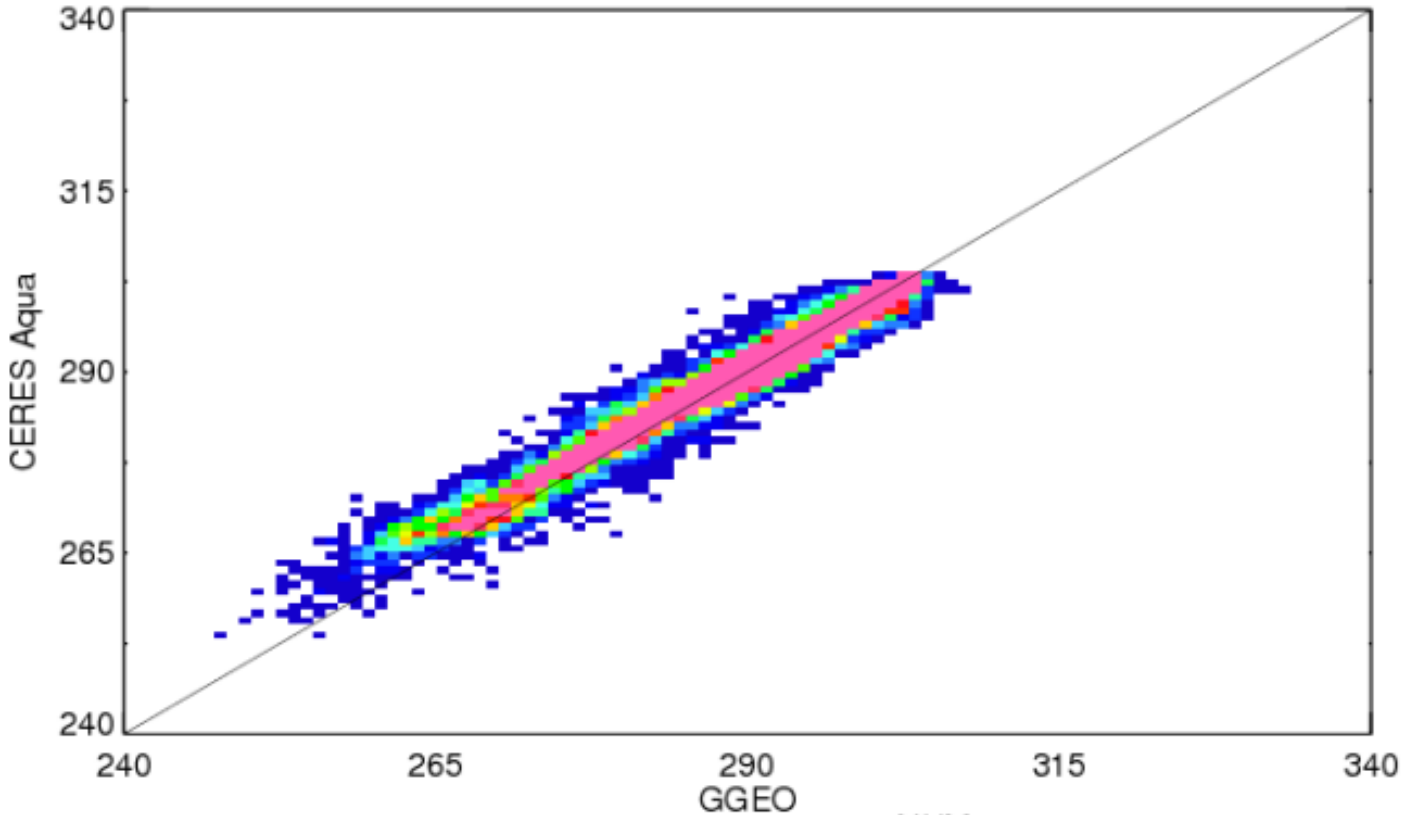
Apr 2008



NUM	110219
GGEO	0.7
CERES	0.7
BIAS	0.02
BIAS%	3.24
R2	0.6586
SLP	0.800
OFF	0.11
RMS	0.1
RMS%	22.31

MTSAT-1 Aqua Night-time Skin Temperature (K) 5ch_V01

Apr 2008



NUM	38419
GGEO	293.1
CERES	293.8
BIAS	-0.65
BIAS%	-0.22
R2	0.9778
SLP	0.924
OFF	22.84
RMS	1.7
RMS%	0.59