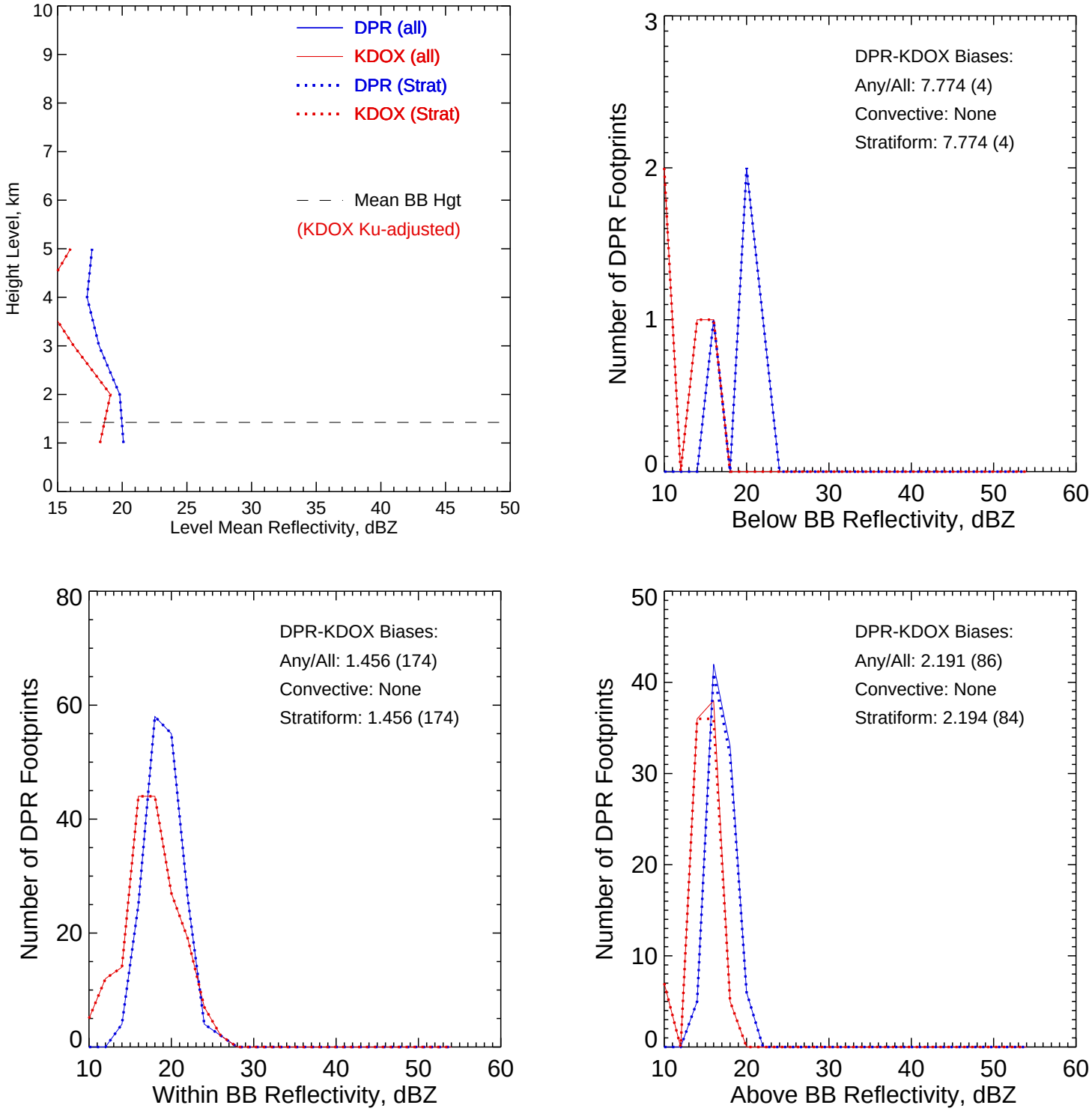


KDOX Ku-adjusted Zc vs. DPR 2ADPR/NS/V05A -- All non-missing pairs

Orbit: 6113 -- GR Start Time: 2015-03-27 14:03:58

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: KDOX
Orbit: 6113 Version: V05A Swath Type: NS
DPR time = 2015-03-27 14:01:24 GR start time = 2015-03-27 14:03:58
Required percent of above-threshold DPR and GR bins in matched volumes >= 0%
GR reflectivity has S-to-Ku frequency adjustments applied.

Mean Reflectivity Statistics grouped by fixed height levels (km):

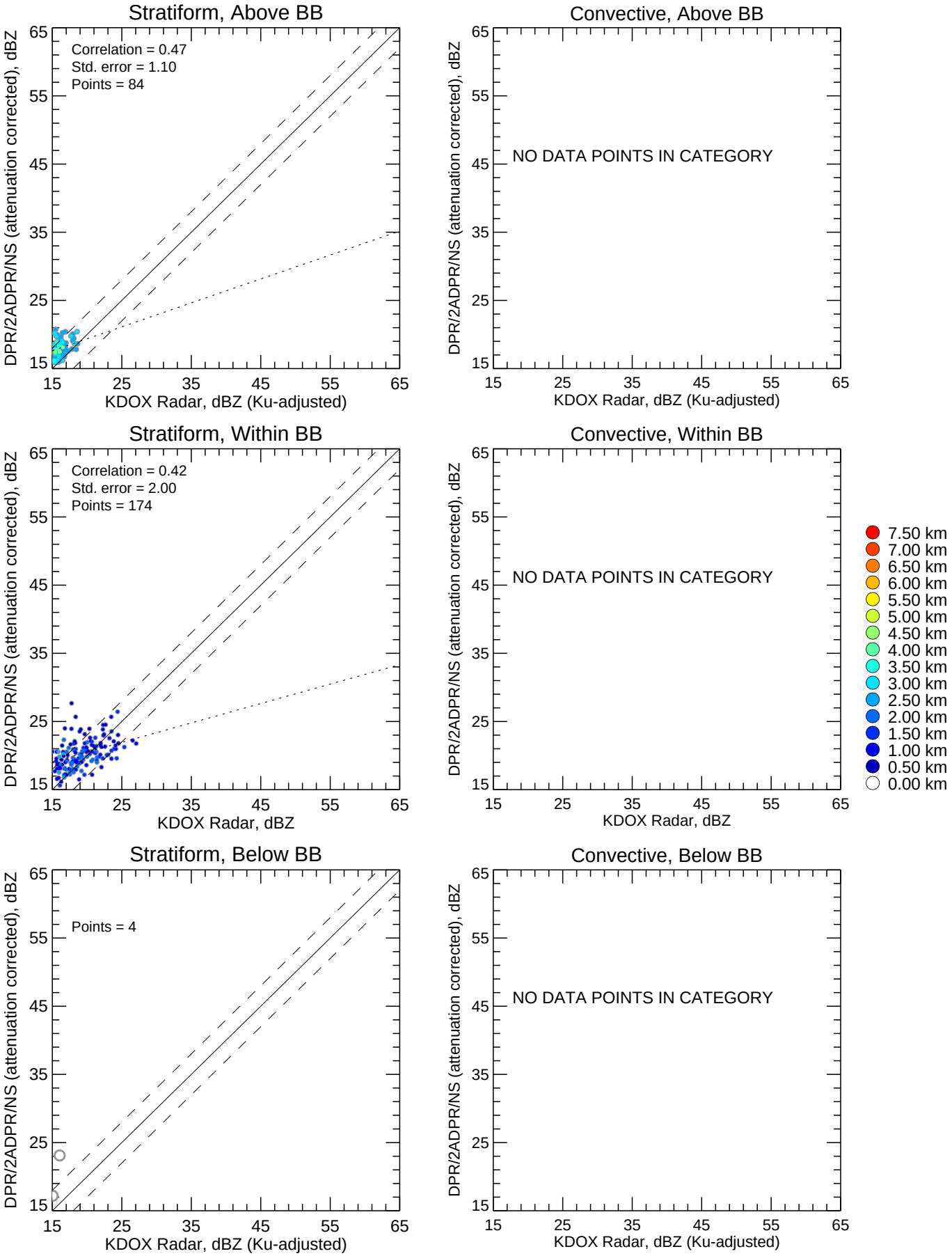
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics			
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
1.0	1.815	105	1.815	105	-99.999	0	71.833	27.670	27.075	@ BB
2.0	0.720	64	0.720	64	-99.999	0	56.380	26.427	25.366	@ BB
3.0	1.961	75	1.959	73	-99.999	0	76.840	20.745	18.619	
4.0	3.472	13	3.472	13	-99.999	0	74.365	18.899	16.304	
5.0	1.662	3	1.662	3	-99.999	0	98.992	18.118	16.515	

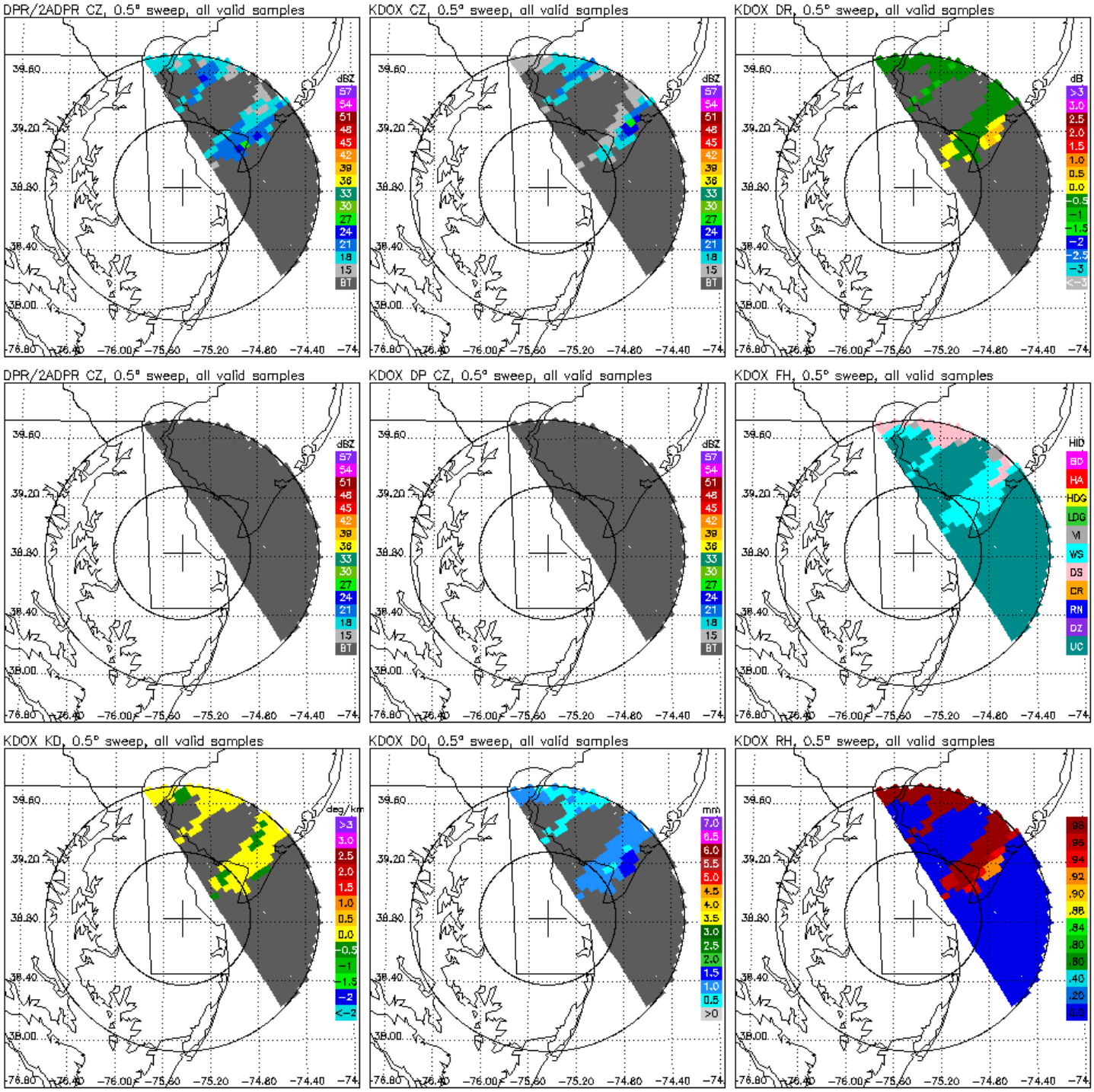
No above-threshold points at height 6.000
No above-threshold points at height 7.000
No above-threshold points at height 8.000

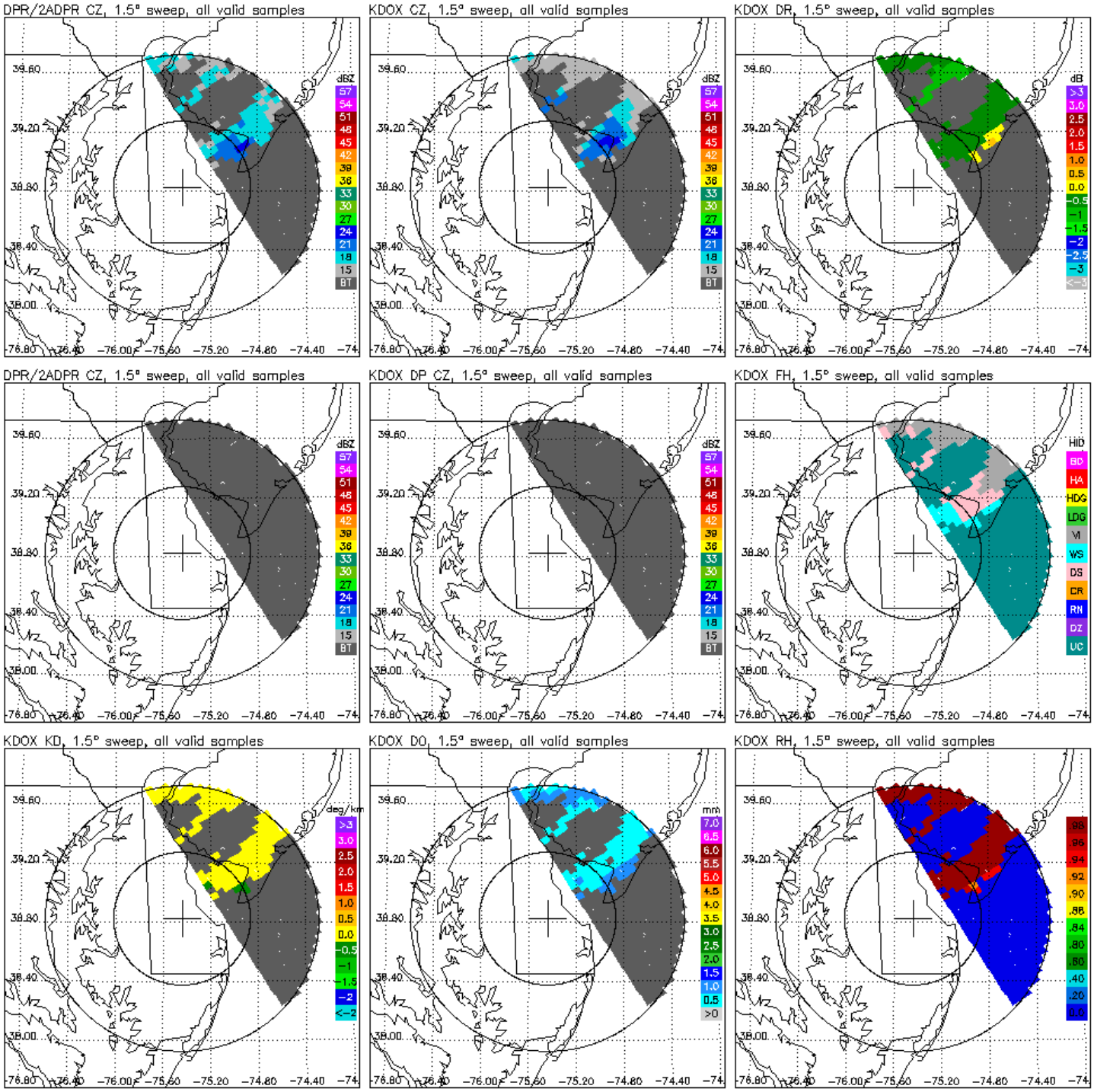
Mean Reflectivity Statistics grouped by proximity to Bright Band:

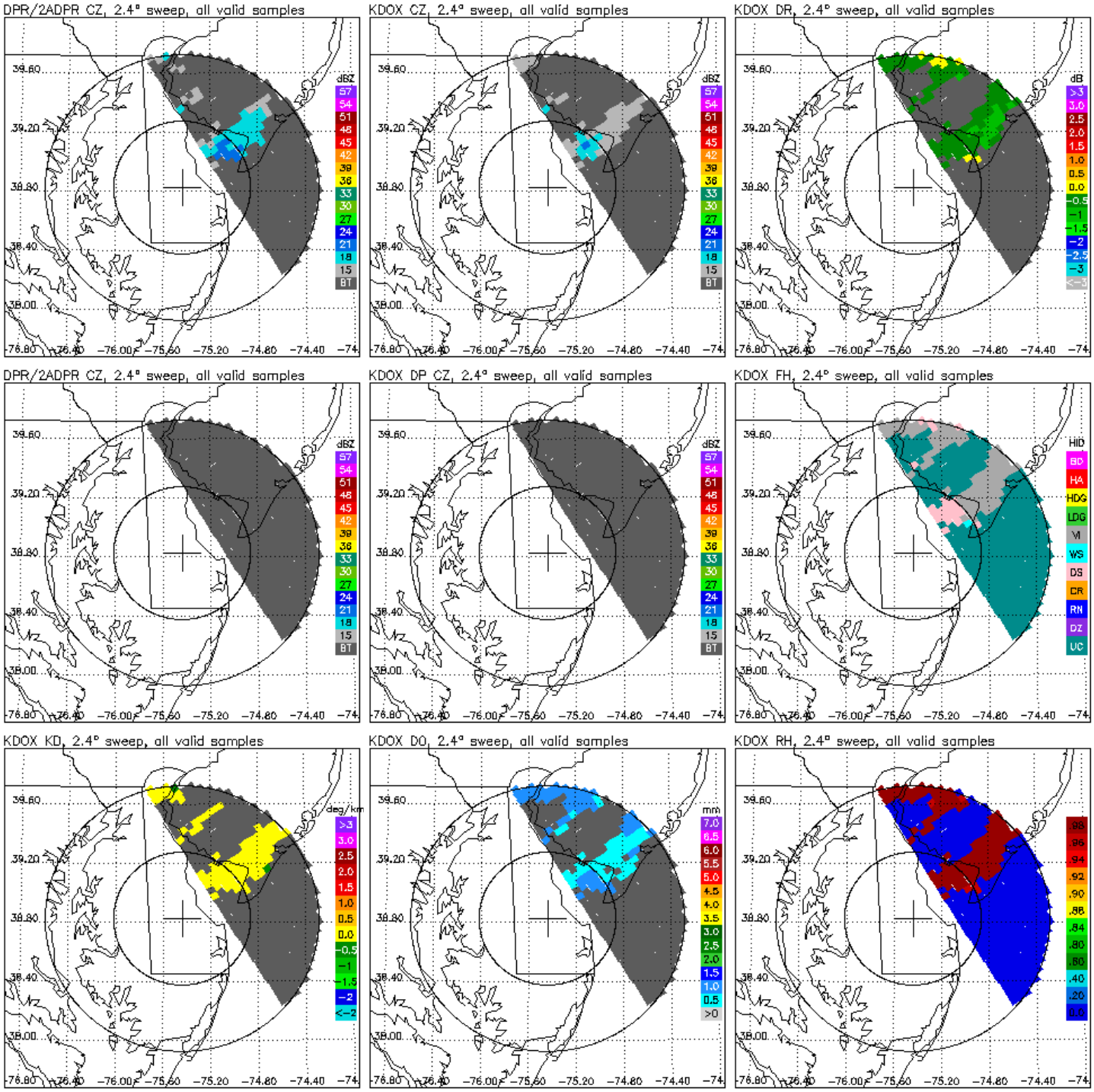
Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics			
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
Below	7.774	4	7.774	4	-99.999	0	36.347	23.110	16.057	
Within	1.456	174	1.456	174	-99.999	0	65.794	27.670	27.075	@ BB
Above	2.191	86	2.194	84	-99.999	0	78.248	20.745	18.619	

KDOX Ku-adjusted Zc vs. DPR 2ADPR/NS/V05A -- All non-missing pairs




DPR/2ADPR CZ, 0.5° sweep, all valid samples
KDOX CZ, 0.5° sweep, all valid samples
KDOX DR, 0.5° sweep, all valid samples
DPR/2ADPR CZ, 0.5° sweep, all valid samples
KDOX DP CZ, 0.5° sweep, all valid samples
KDOX FH, 0.5° sweep, all valid samples
KDOX KD, 0.5° sweep, all valid samples
KDOX DO, 0.5° sweep, all valid samples
KDOX RH, 0.5° sweep, all valid samples
dBZ
57
54
51
48
45
42
39
36
33
30
27
24
21
18
15
BT
dB
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
-2.5
-3
<-3
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
deg/km
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
<-2
mm
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
>0
.98
.96
.94
.92
.90
.88
.84
.80
.60
.40
.20
0.0
39.60
39.20
38.80
38.40
38.00
-76.80
-76.40
-76.00
-75.60
-75.20
-74.80
-74.40
-74


DPR/2ADPR CZ, 1.5° sweep, all valid samples
KDOX CZ, 1.5° sweep, all valid samples
KDOX DR, 1.5° sweep, all valid samples
DPR/2ADPR CZ, 1.5° sweep, all valid samples
KDOX DP CZ, 1.5° sweep, all valid samples
KDOX FH, 1.5° sweep, all valid samples
KDOX KD, 1.5° sweep, all valid samples
KDOX DO, 1.5° sweep, all valid samples
KDOX RH, 1.5° sweep, all valid samples
dBZ
57
54
51
48
45
42
39
36
33
30
27
24
21
18
15
BT
dB
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
-2.5
-3
<-3
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
deg/km
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
<-2
mm
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
>0
.98
.96
.94
.92
.90
.88
.84
.80
.60
.40
.20
0.0
39.60
39.20
38.80
38.40
38.00
-76.80
-76.40
-76.00
-75.60
-75.20
-74.80
-74.40
-74


DPR/2ADPR CZ, 2.4° sweep, all valid samples
KDOX CZ, 2.4° sweep, all valid samples
KDOX DR, 2.4° sweep, all valid samples
DPR/2ADPR CZ, 2.4° sweep, all valid samples
KDOX DP CZ, 2.4° sweep, all valid samples
KDOX FH, 2.4° sweep, all valid samples
KDOX KD, 2.4° sweep, all valid samples
KDOX DO, 2.4° sweep, all valid samples
KDOX RH, 2.4° sweep, all valid samples
dBZ
dB
deg/km
mm
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
39.60
39.20
38.80
38.40
38.00
-76.80
-76.40
-76.00
-75.60
-75.20
-74.80
-74.40
-74