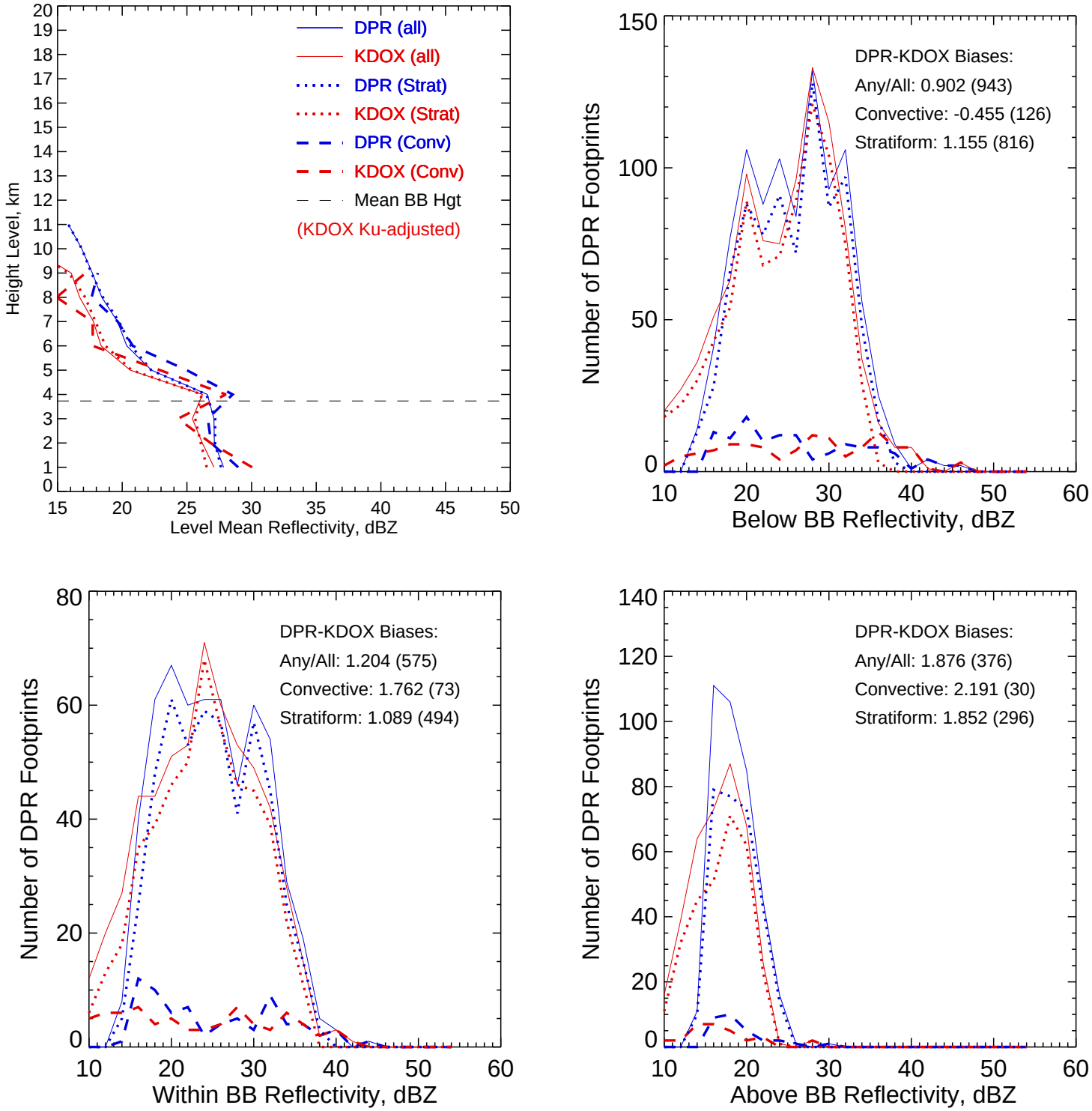


KDOX Ku-adjusted Zc vs. DPR 2ADPR/NS/V05A -- All non-missing pairs

Orbit: 7660 -- GR Start Time: 2015-07-04 23:55:45

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: KDOX
Orbit: 7660 Version: V05A Swath Type: NS
DPR time = 2015-07-04 23:58:25 GR start time = 2015-07-04 23:55:45
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):

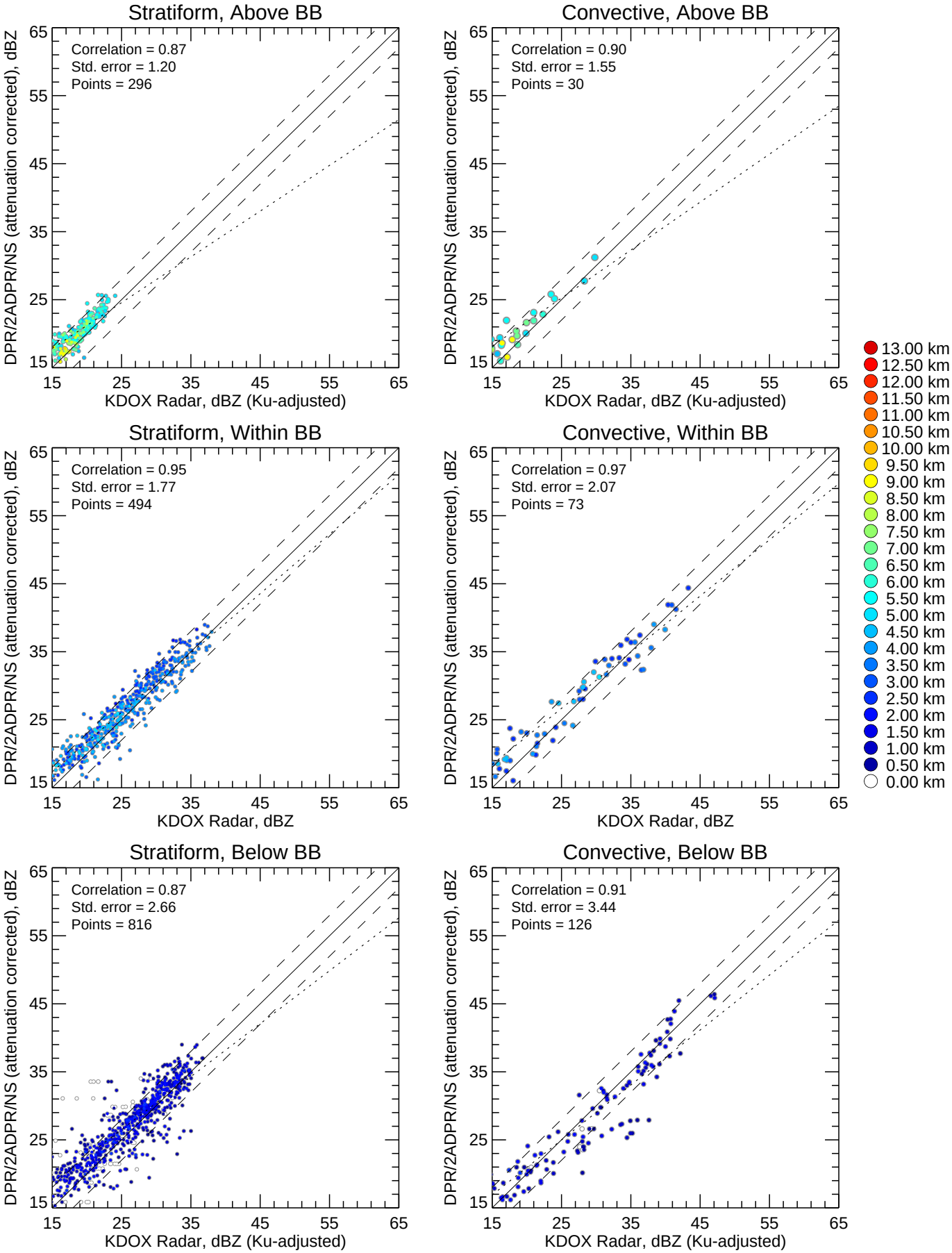
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics			
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
1.0	0.742	451	1.107	385	-1.074	65	48.301	46.397	47.048	
2.0	0.929	360	1.099	306	0.037	54	56.401	45.869	47.093	
3.0	1.667	286	1.542	245	2.301	41	59.678	44.379	43.290	@ BB
4.0	0.380	217	0.348	191	0.523	21	59.082	39.025	39.941	@ BB
5.0	1.645	194	1.513	161	2.064	17	58.472	32.289	31.626	
6.0	1.981	142	1.977	107	3.098	13	61.910	25.801	24.000	
7.0	1.861	78	1.820	58	1.940	8	73.216	24.223	22.090	
8.0	1.713	26	1.381	22	2.716	1	80.386	21.917	20.011	
9.0	1.633	24	1.738	21	0.953	3	91.030	19.742	18.662	
10.0	3.917	6	3.917	6	-99.999	0	84.727	17.874	16.816	
11.0	3.506	1	3.506	1	-99.999	0	92.156	15.835	12.329	

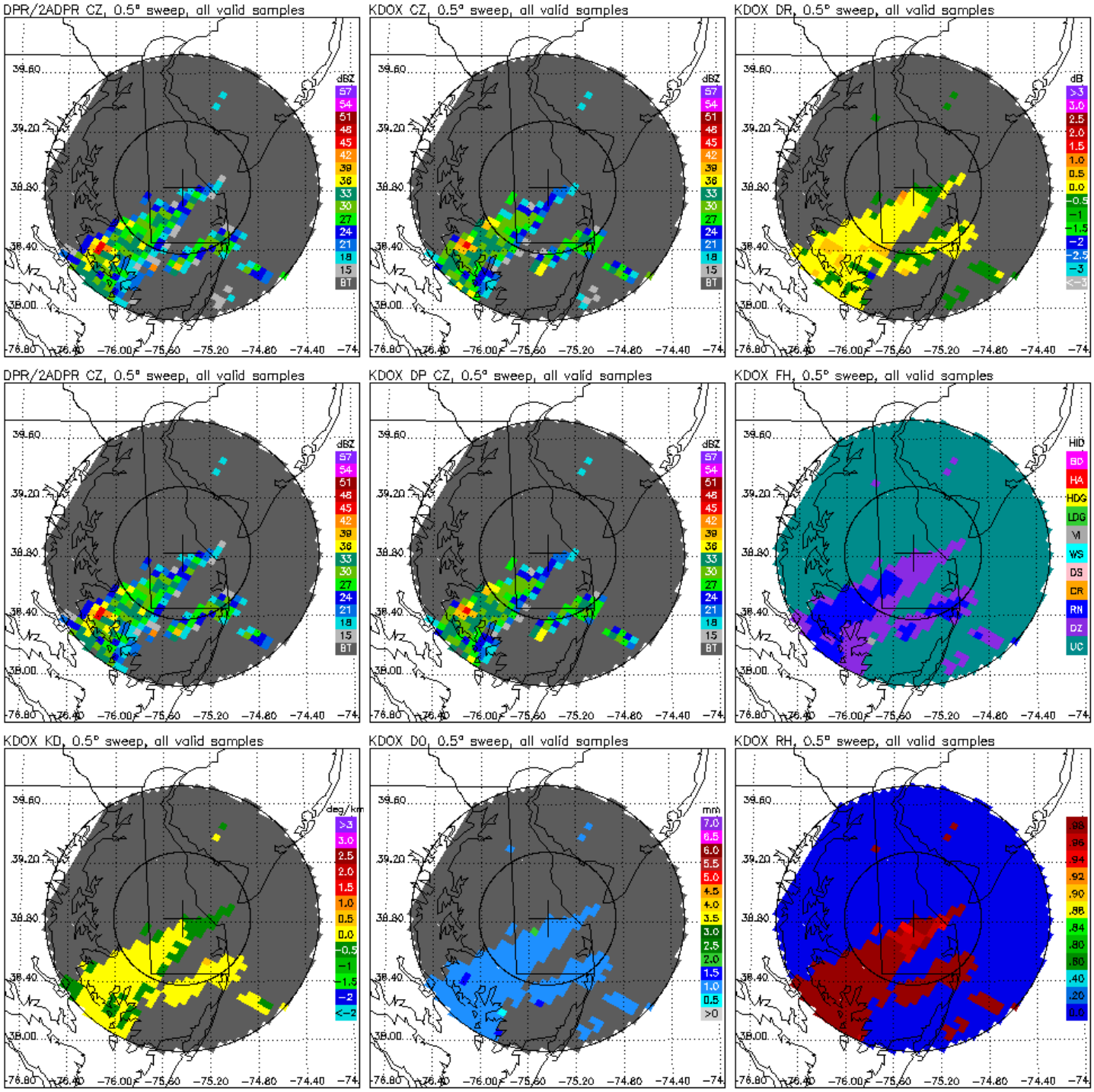
No above-threshold points at height 12.000
No above-threshold points at height 13.000

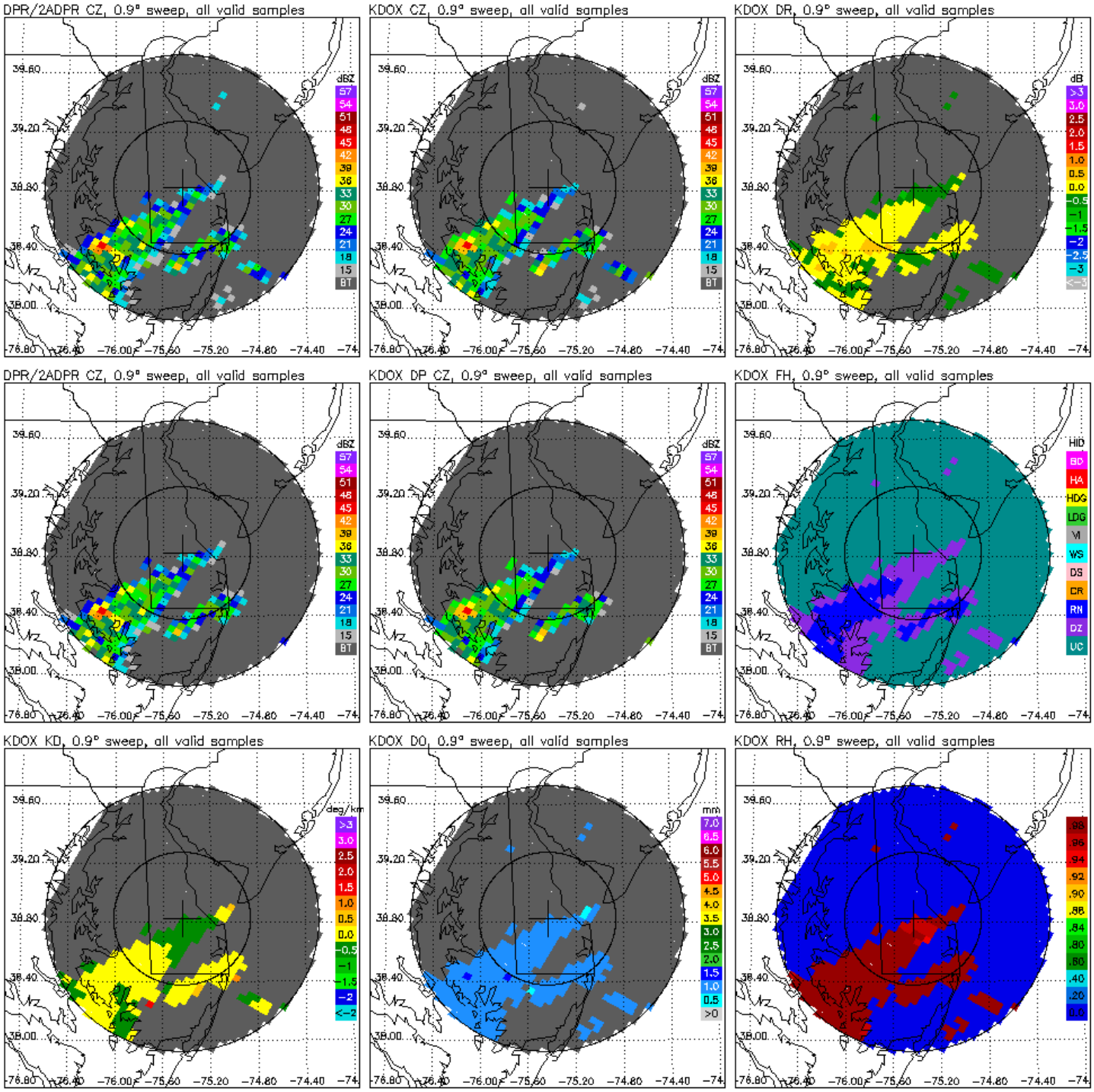
Mean Reflectivity Statistics grouped by proximity to Bright Band:

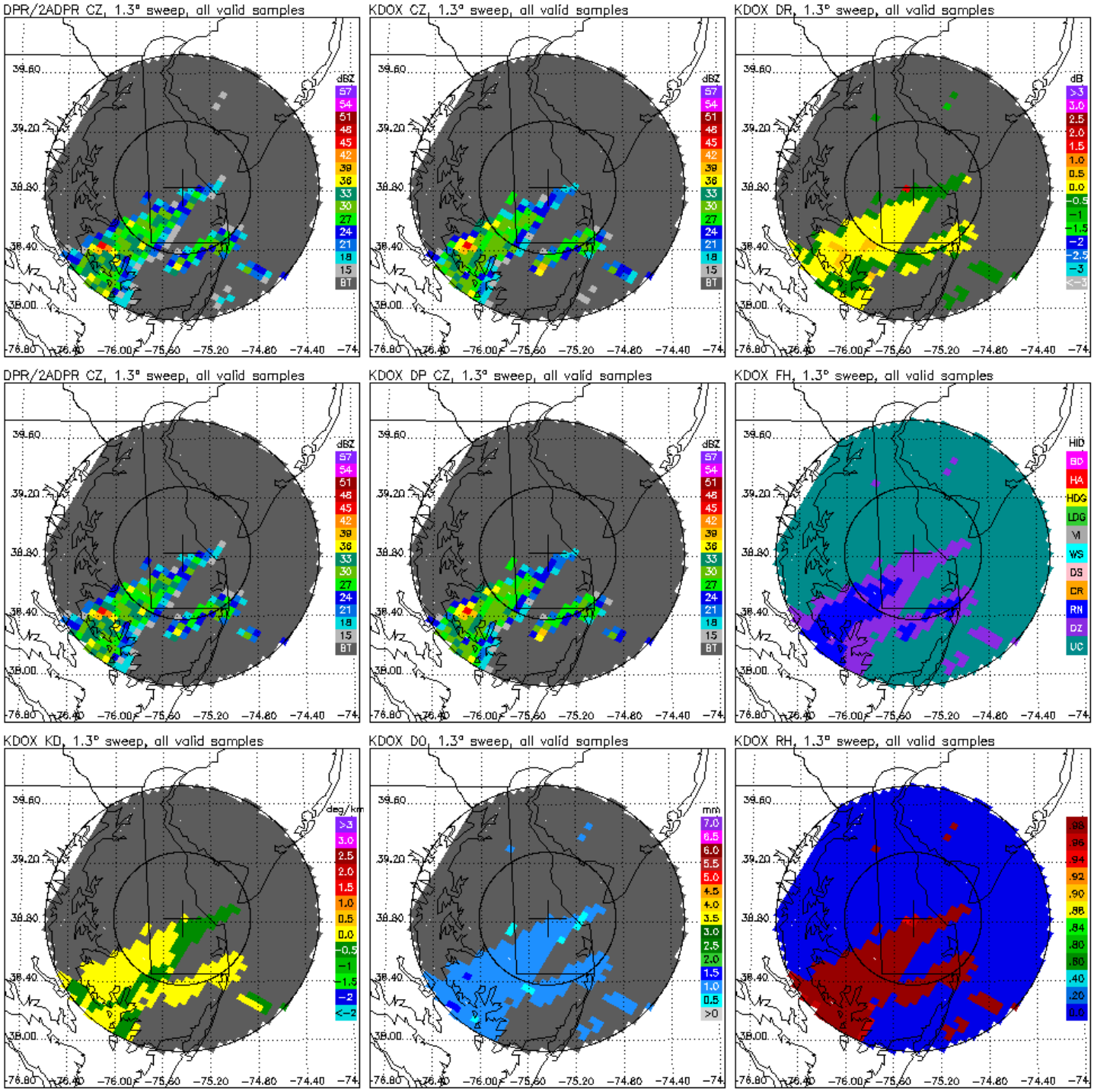
Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics			
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
Below	0.902	943	1.155	816	-0.455	126	47.868	46.397	47.093	
Within	1.204	575	1.089	494	1.762	73	62.465	44.379	43.290	@ BB
Above	1.876	376	1.852	296	2.191	30	63.575	31.214	29.807	

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
dB
HID
deg/km
mm
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, 0.9° sweep, all valid samples
KDOX CZ, 0.9° sweep, all valid samples
KDOX DR, 0.9° sweep, all valid samples
DPR/2ADPR CZ, 0.9° sweep, all valid samples
KDOX DP CZ, 0.9° sweep, all valid samples
KDOX FH, 0.9° sweep, all valid samples
KDOX KD, 0.9° sweep, all valid samples
KDOX DO, 0.9° sweep, all valid samples
KDOX RH, 0.9° sweep, all valid samples
dBZ
dB
HID
deg/km
mm
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, 1.3° sweep, all valid samples
KDOX CZ, 1.3° sweep, all valid samples
KDOX DR, 1.3° sweep, all valid samples
DPR/2ADPR CZ, 1.3° sweep, all valid samples
KDOX DP CZ, 1.3° sweep, all valid samples
KDOX FH, 1.3° sweep, all valid samples
KDOX KD, 1.3° sweep, all valid samples
KDOX DO, 1.3° sweep, all valid samples
KDOX RH, 1.3° 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