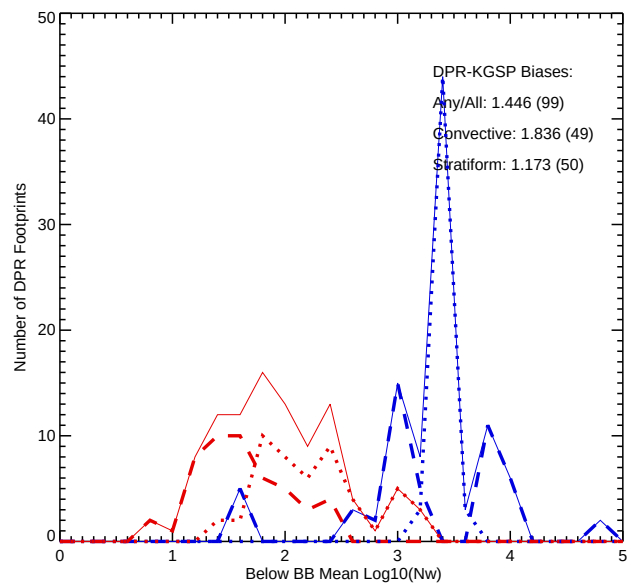
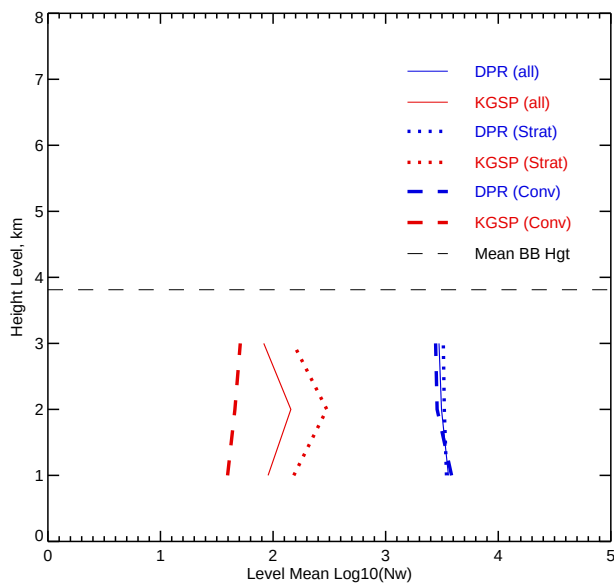
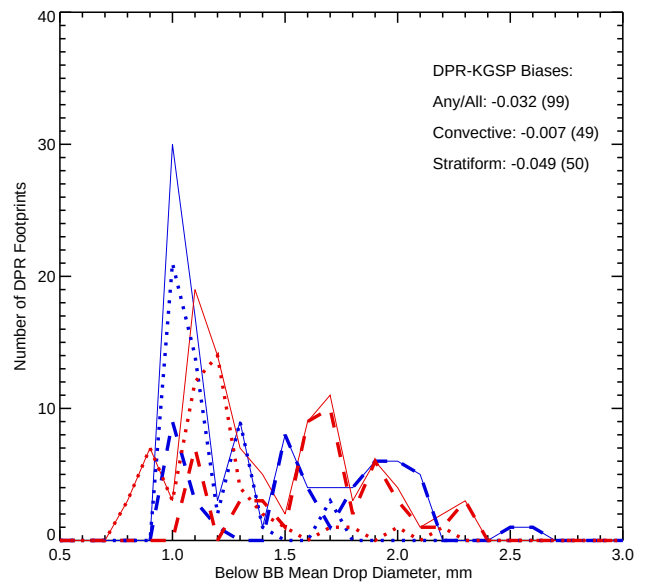
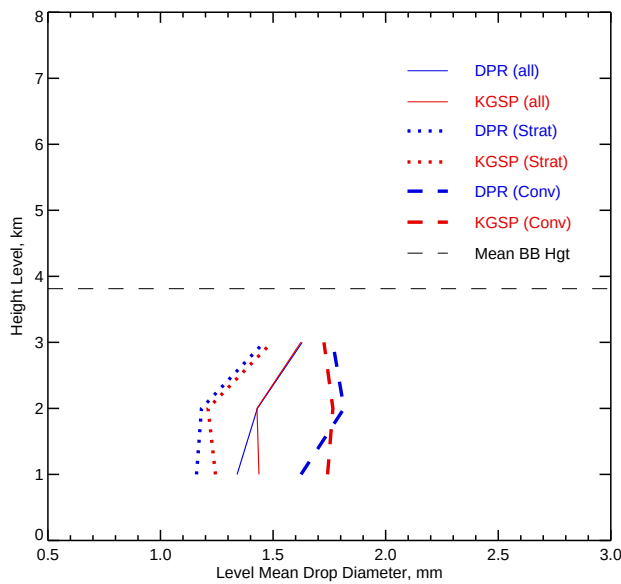
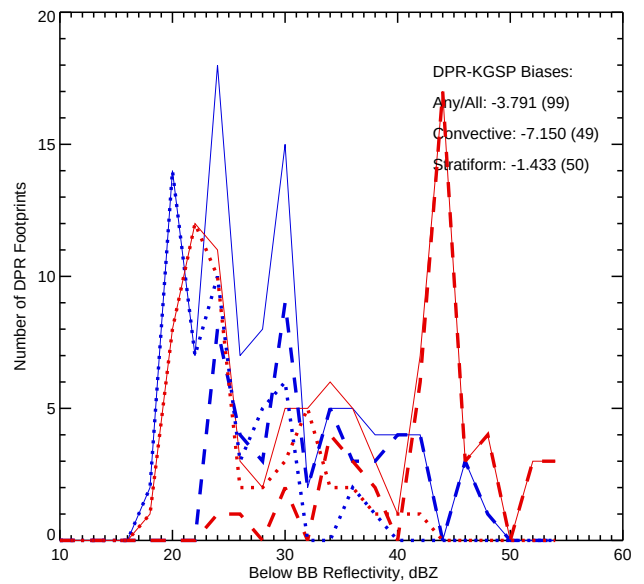
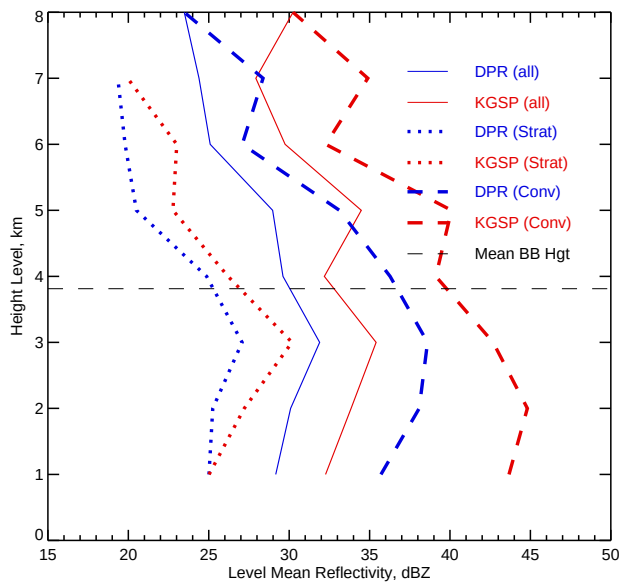




KGSP DSD vs. DPR.KU.NS.V03B >=50% bins above threshold

Orbit: 1619 -- GR Start Time: 2014-06-11 17:44:57

DPRKU-GR Reflectivity difference statistics (dBZ) - GR Site: KGSP

Orbit: 1619 Version: V03B Swath Type: NS

DPR time = 2014-06-11 17:44:31 GR start time = 2014-06-11 17:44:57

Required percent of above-threshold DPR and GR bins in matched volumes >= 50%

Thresholding by reflectivity cutoffs. Using GR RR field.

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	-3.095	36	-0.006	19	-7.963	17	54.365	47.790	54.175	
2.0	-3.758	49	-1.961	28	-6.726	21	51.666	48.842	54.843	
3.0	-3.512	37	-3.104	20	-4.080	17	56.124	47.929	53.764	@ BB
4.0	-2.572	31	-1.330	13	-2.843	14	57.284	46.968	52.678	@ BB
5.0	-5.515	14	-2.269	4	-6.964	9	52.141	43.157	53.278	
6.0	-4.656	3	-3.217	1	-5.197	2	63.297	32.132	47.561	
7.0	-3.534	5	-0.614	1	-6.512	3	50.155	29.177	38.185	
8.0	-6.763	2	-99.999	0	-6.763	2	46.079	23.886	30.477	

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	-3.791	99	-1.433	50	-7.150	49	49.592	48.842	54.843	

Mean Drop Diameter (D0 / Dm in mm) Statistics grouped by fixed height levels (km):

Vert. Layer	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxD0	GRMaxD0
1.0	-0.097	36	-0.084	19	-0.118	17	54.365	2.072	2.315
2.0	0.002	48	-0.029	27	0.049	21	51.318	2.650	2.360
3.0	0.006	9	-0.035	4	0.039	5	46.741	2.140	2.099 @ BB

No above-threshold points at height 4.000

No above-threshold points at height 5.000

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 Drop Diameter (D0 / Dm in mm) Statistics grouped by proximity to Bright Band:

Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxD0	GRMaxD0
Below	-0.032	99	-0.049	50	-0.007	49	49.592	2.650	2.360

Mean Normalized Intercept Parameter ($\log_{10}(N_w)$) Statistics grouped by fixed height levels (km):

Vert. Layer	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
1.0	1.602	36	1.356	19	1.989	17	54.365	4.938	3.400
2.0	1.338	48	1.043	27	1.796	21	51.318	4.853	3.375
3.0	1.556	9	1.334	4	1.735	5	46.741	4.118	2.633 @ BB

No above-threshold points at height 4.000

No above-threshold points at height 5.000

No above-threshold points at height 6.000

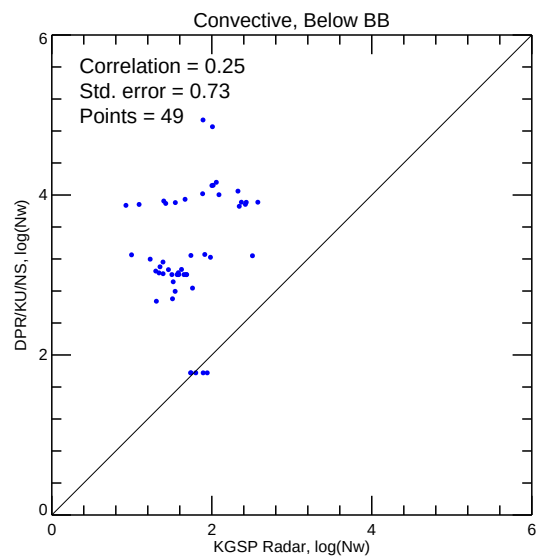
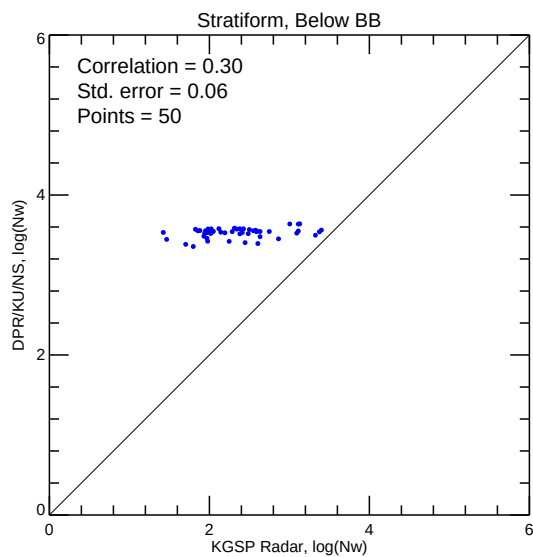
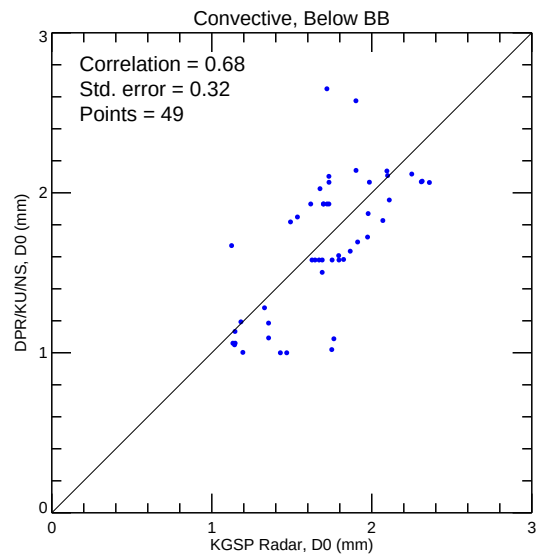
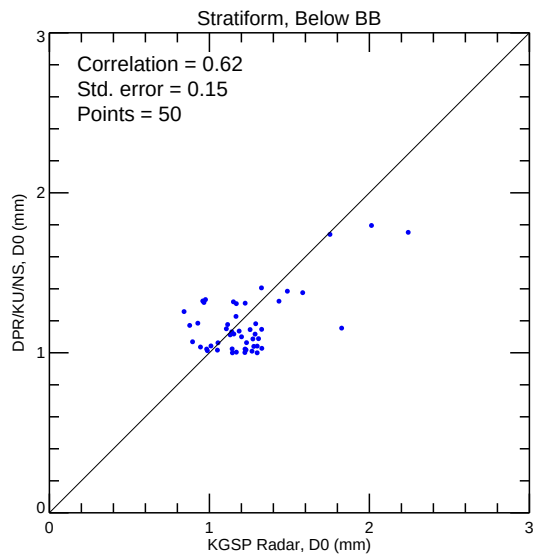
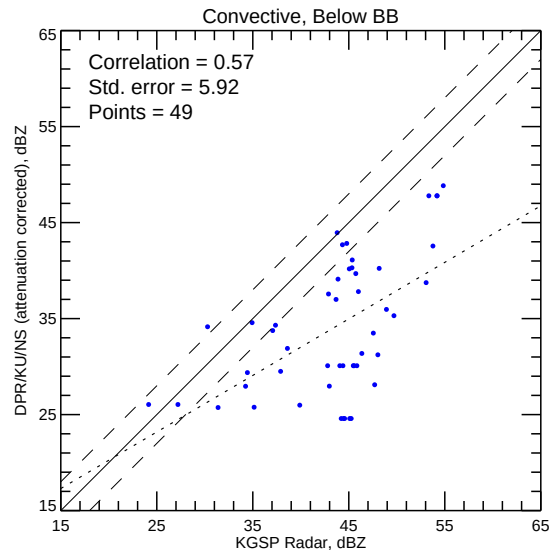
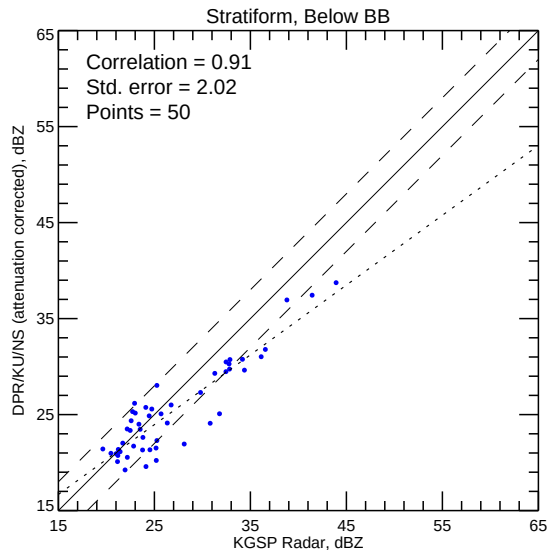
No above-threshold points at height 7.000

No above-threshold points at height 8.000

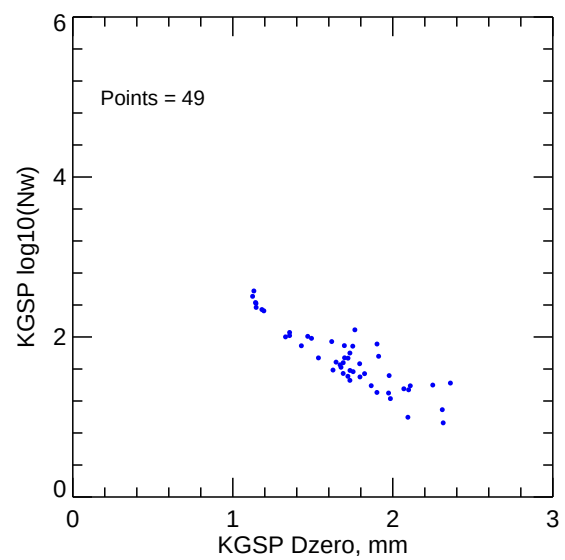
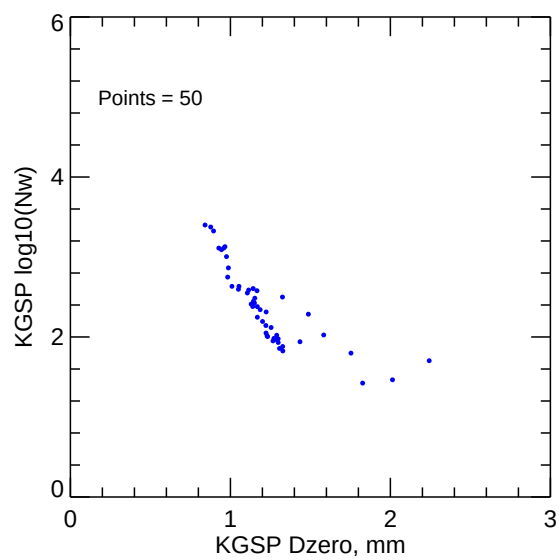
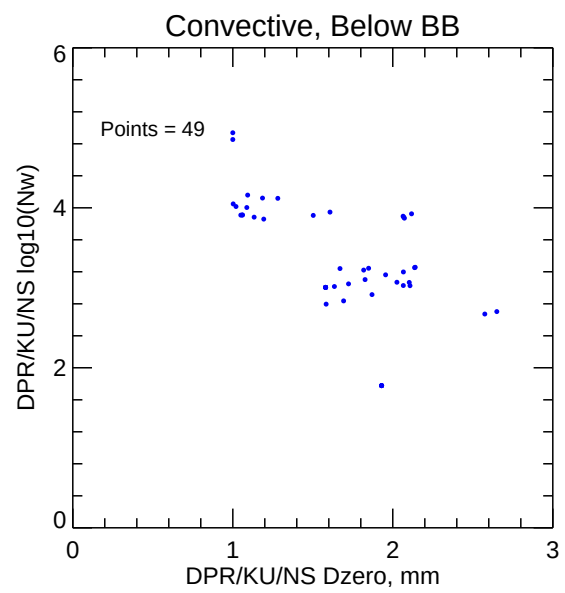
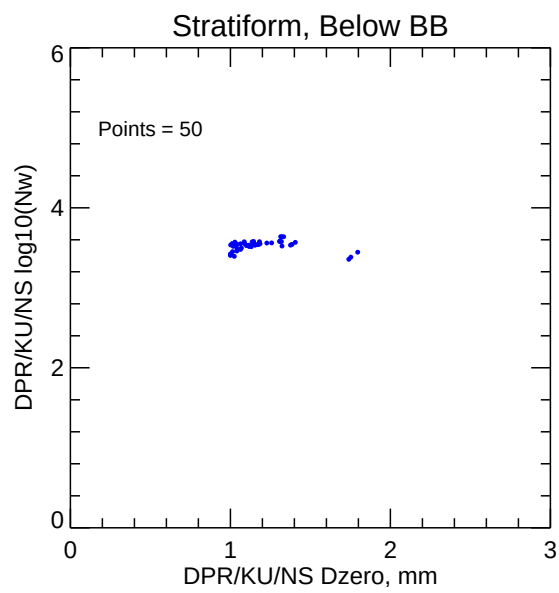
Mean Normalized Intercept Parameter ($\log_{10}(N_w)$) Statistics grouped by proximity to Bright Band:

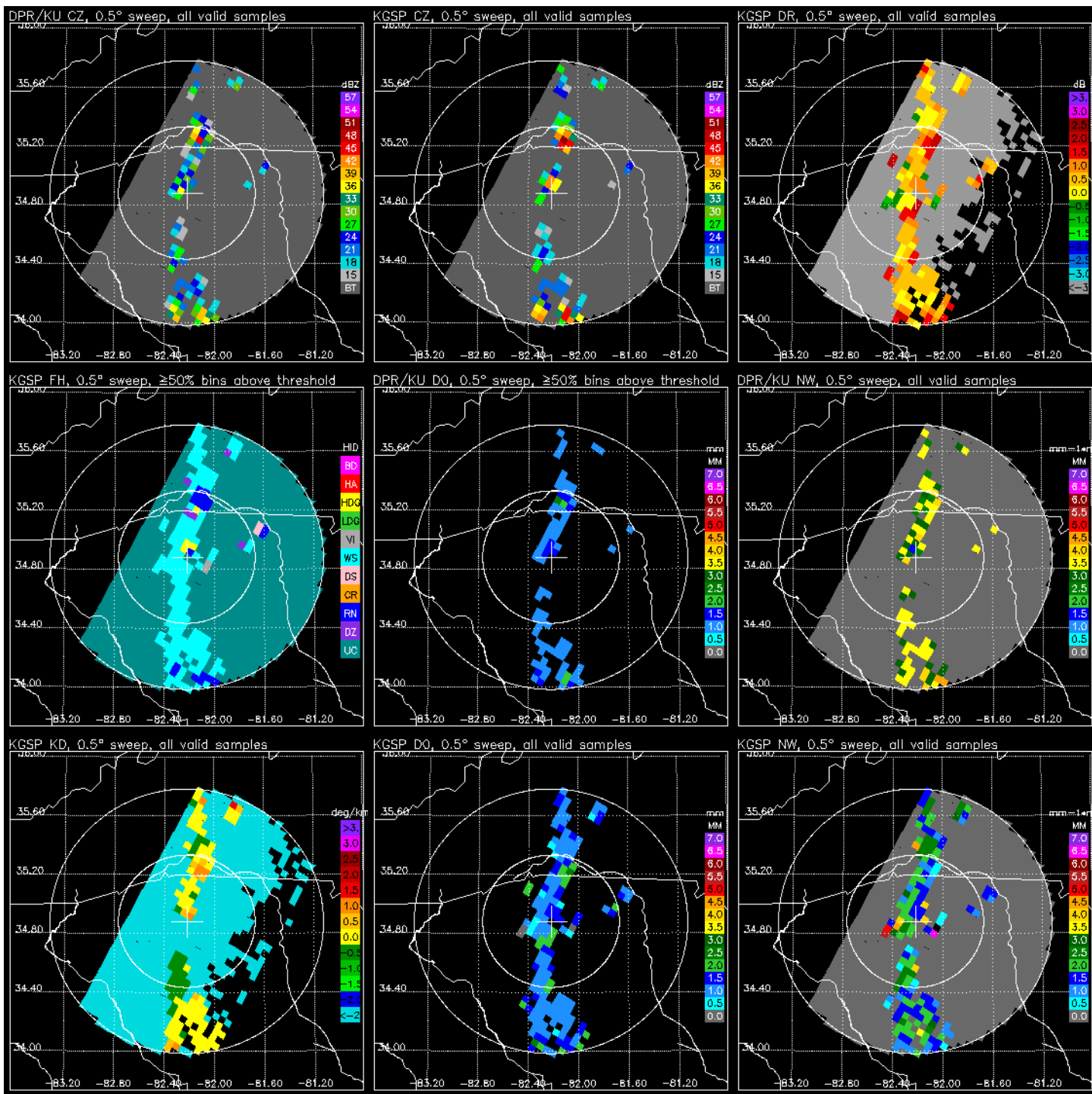
Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
Below	1.446	99	1.173	50	1.836	49	49.592	4.938	3.400

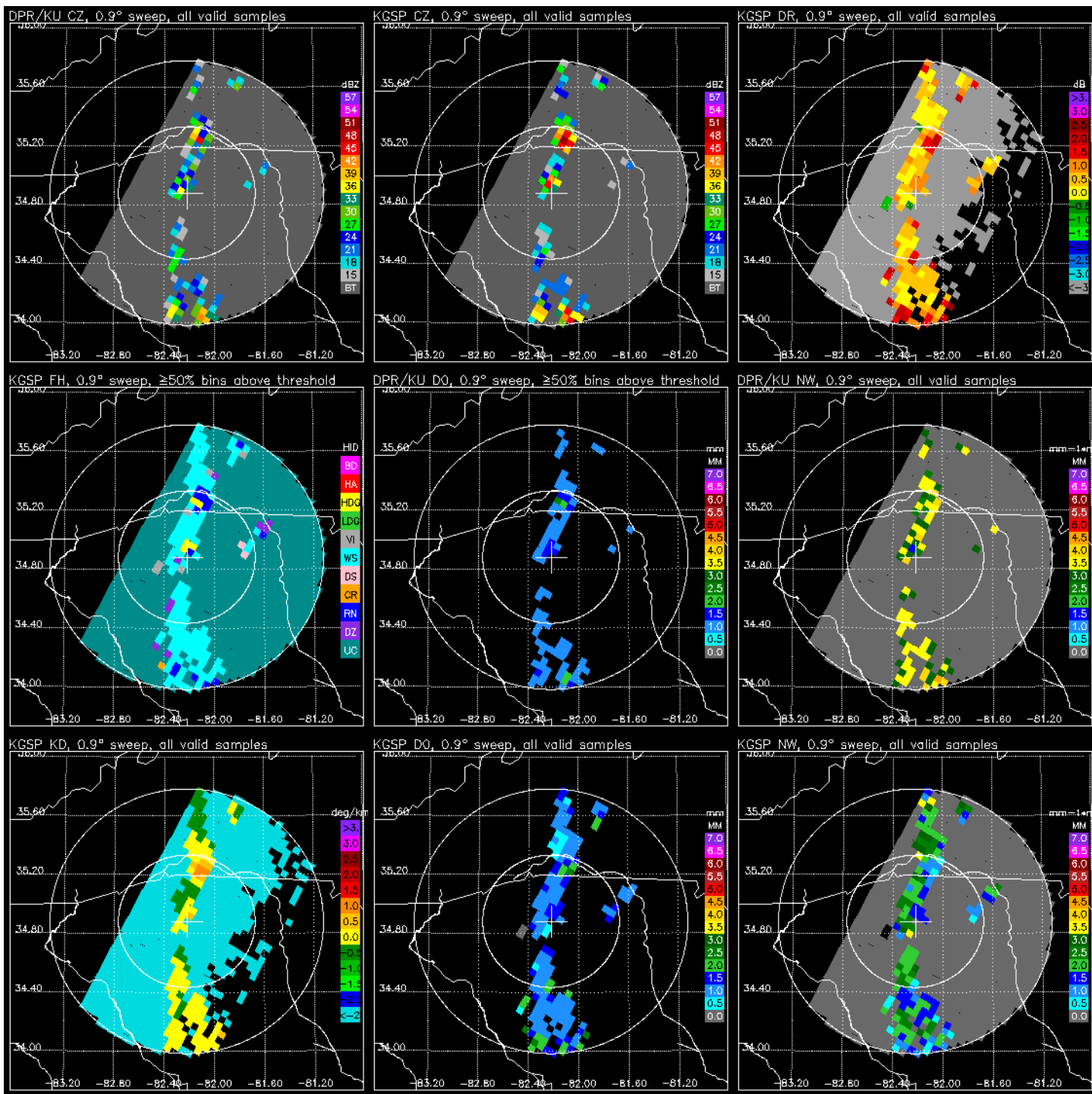
KGSP DSD vs. DPR.KU.NS.V03B >=50% bins above threshold

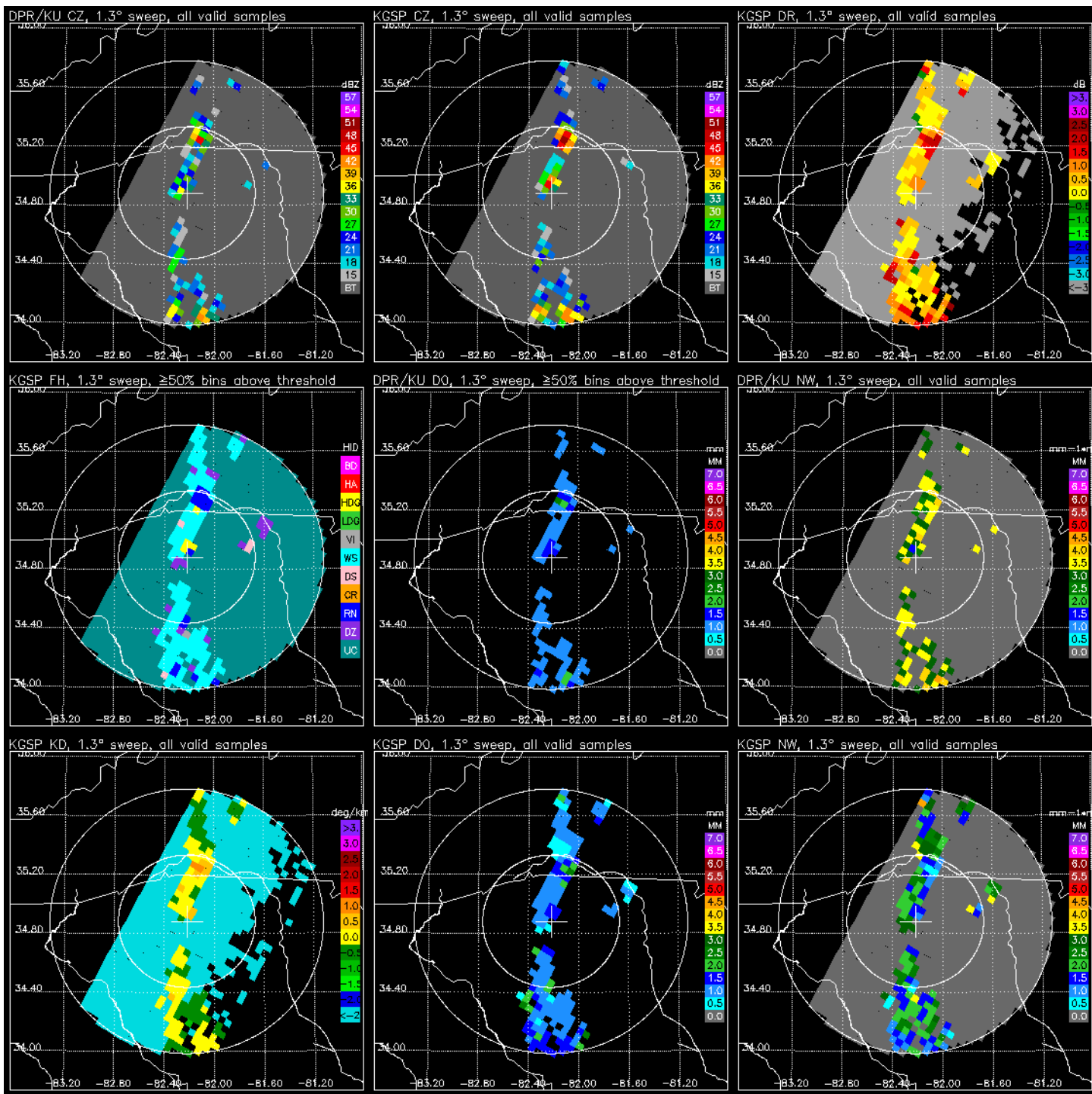


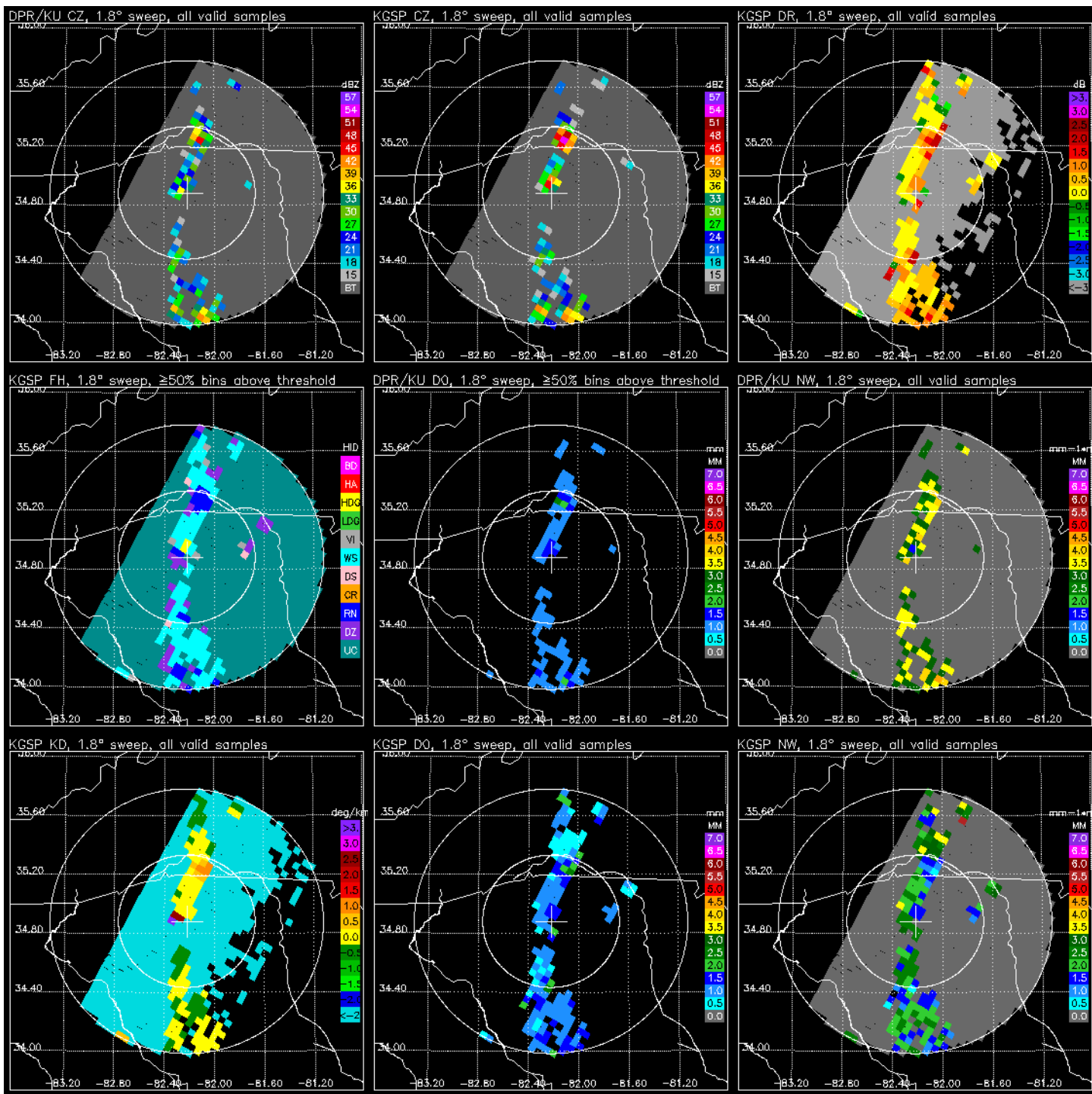
D0 vs. $\log_{10}(N_w)$ for DPR.KU.NS.V03B and KGSP $\geq 50\%$ bins above threshold

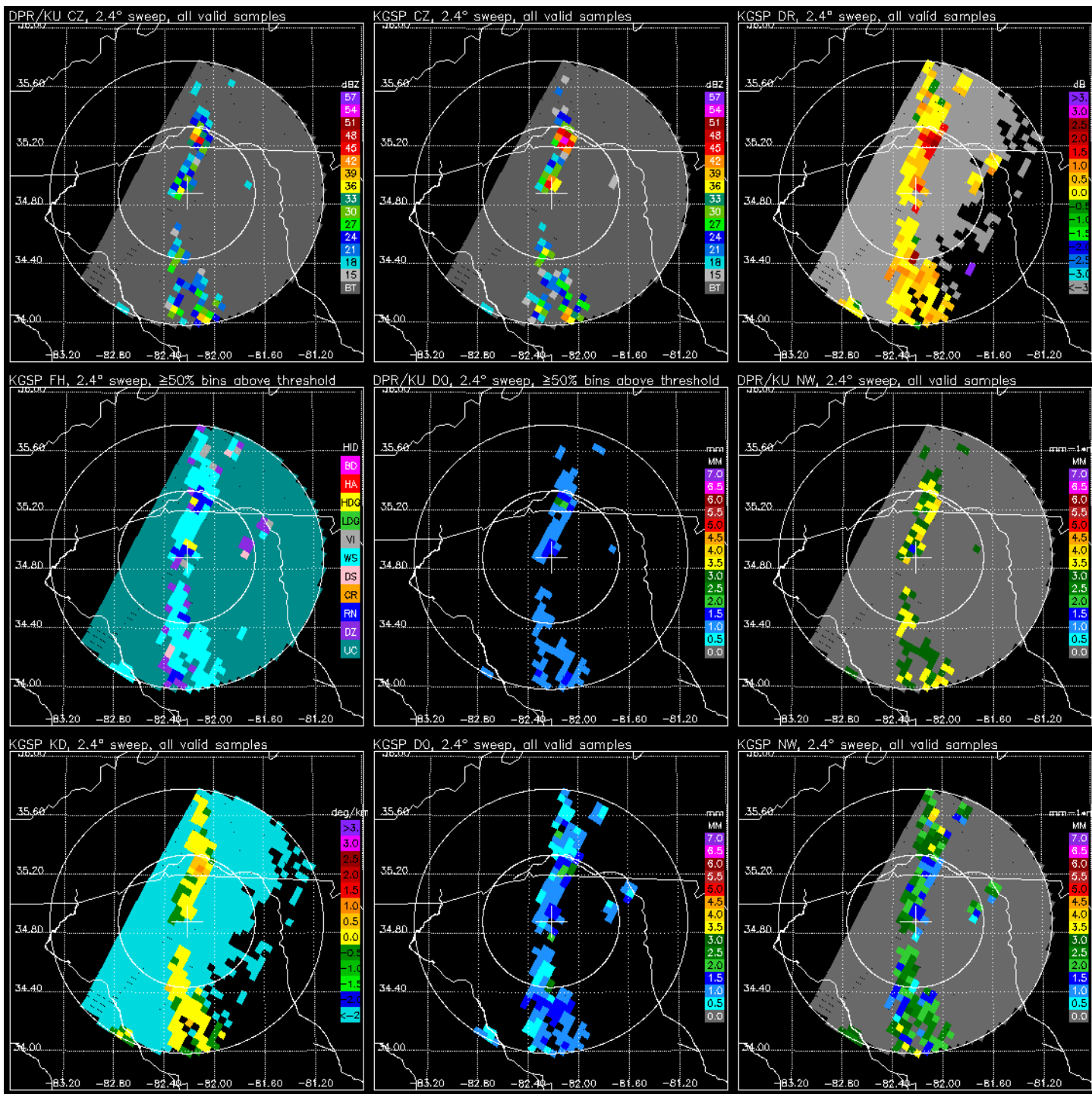




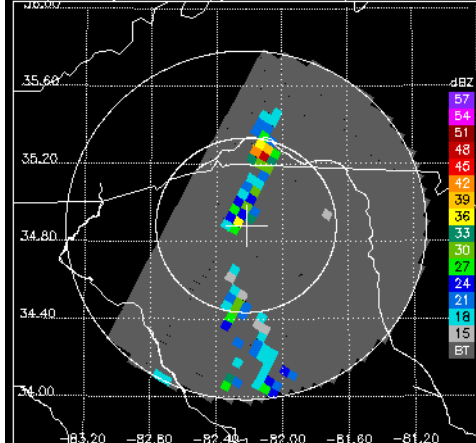




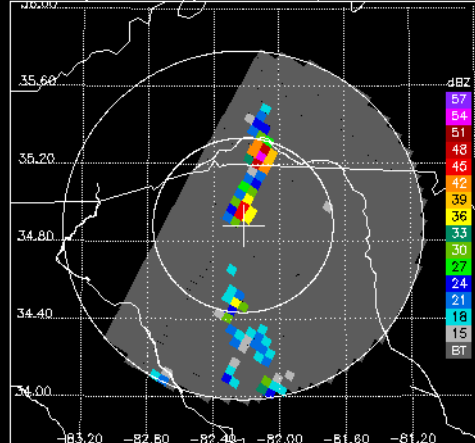




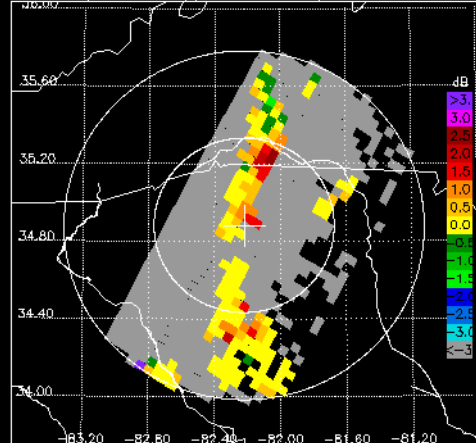
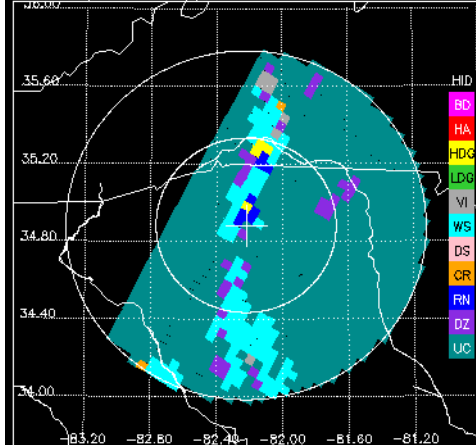
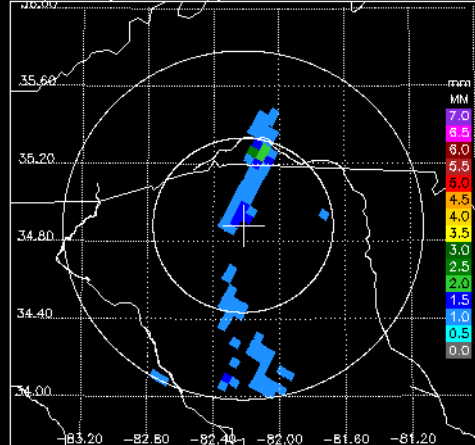
DPR/KU CZ, 3.1° sweep, all valid samples



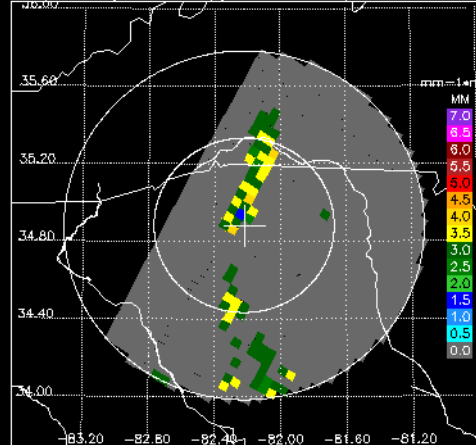
KGSP CZ, 3.1° sweep, all valid samples



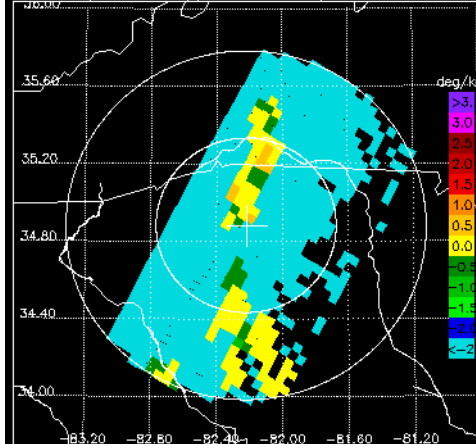
KGSP DR, 3.1° sweep, all valid samples

KGSP FH, 3.1° sweep, $\geq 50\%$ bins above thresholdDPR/KU D0, 3.1° sweep, $\geq 50\%$ bins above threshold

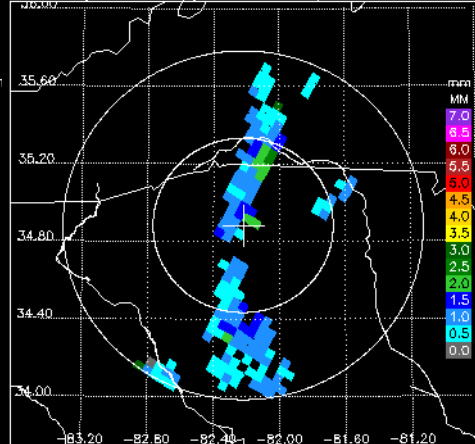
DPR/KU NW, 3.1° sweep, all valid samples



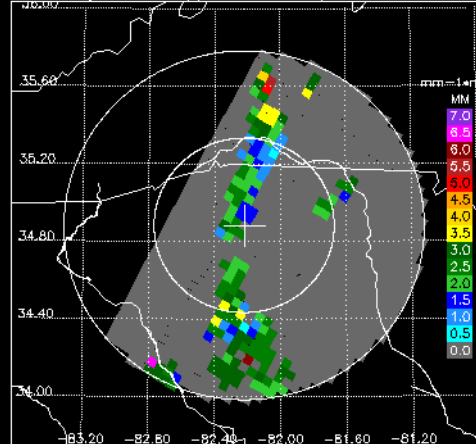
KGSP KD, 3.1° sweep, all valid samples



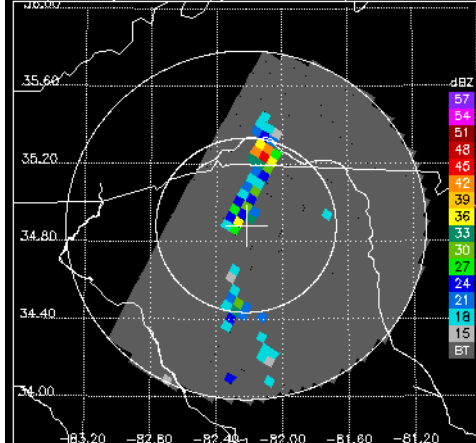
KGSP D0, 3.1° sweep, all valid samples



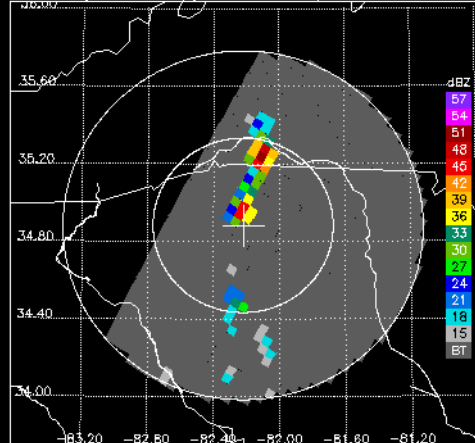
KGSP NW, 3.1° sweep, all valid samples



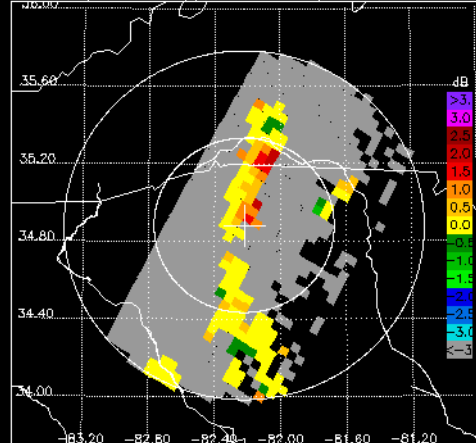
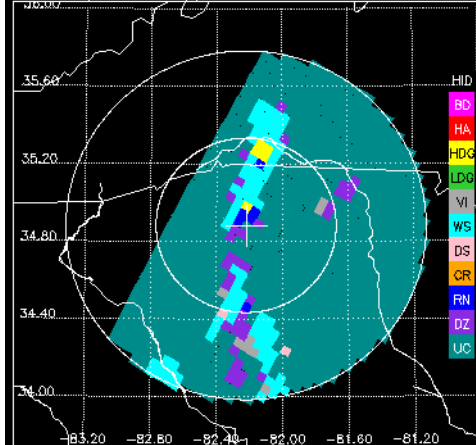
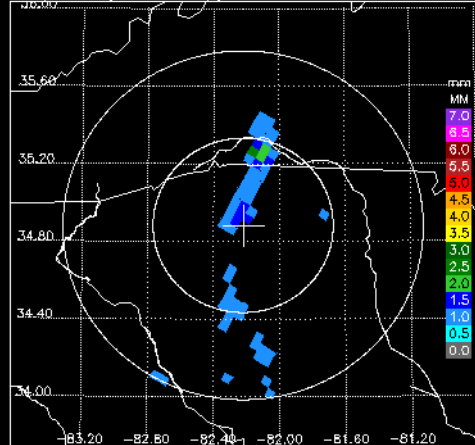
DPR/KU CZ, 4.0° sweep, all valid samples



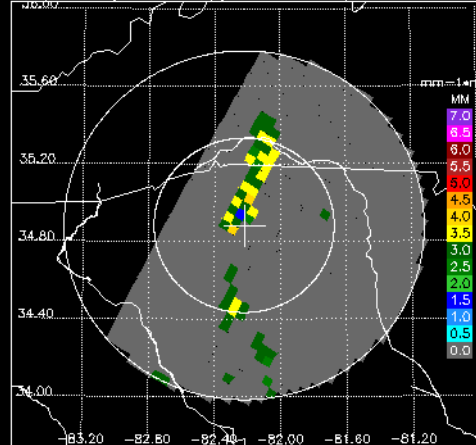
KGSP CZ, 4.0° sweep, all valid samples



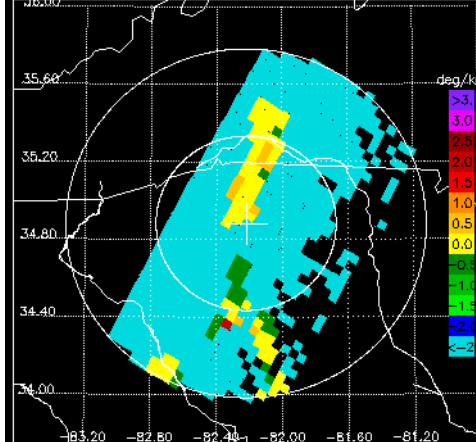
KGSP DR, 4.0° sweep, all valid samples

KGSP FH, 4.0° sweep, $\geq 50\%$ bins above thresholdDPR/KU D0, 4.0° sweep, $\geq 50\%$ bins above threshold

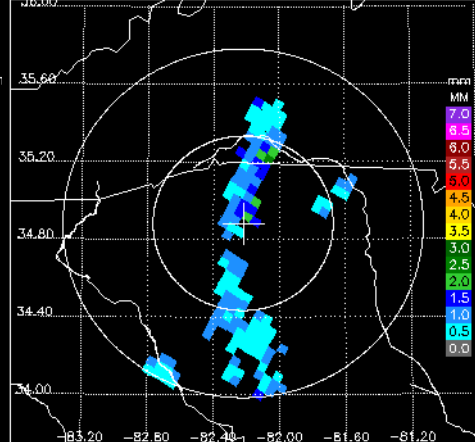
DPR/KU NW, 4.0° sweep, all valid samples



KGSP KD, 4.0° sweep, all valid samples



KGSP D0, 4.0° sweep, all valid samples



KGSP NW, 4.0° sweep, all valid samples

