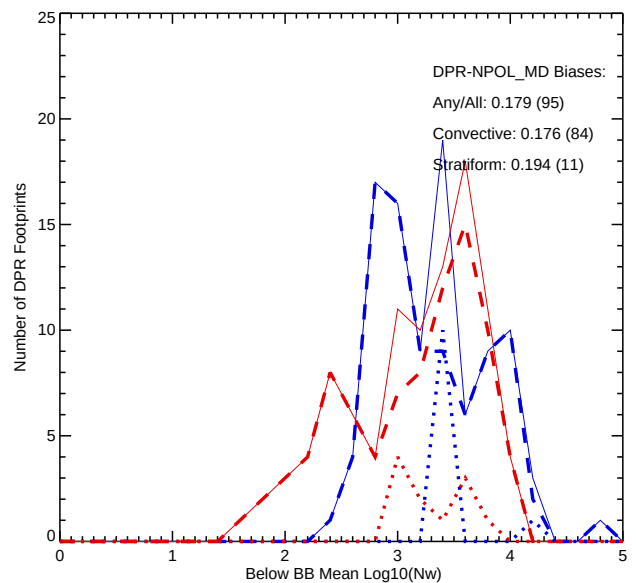
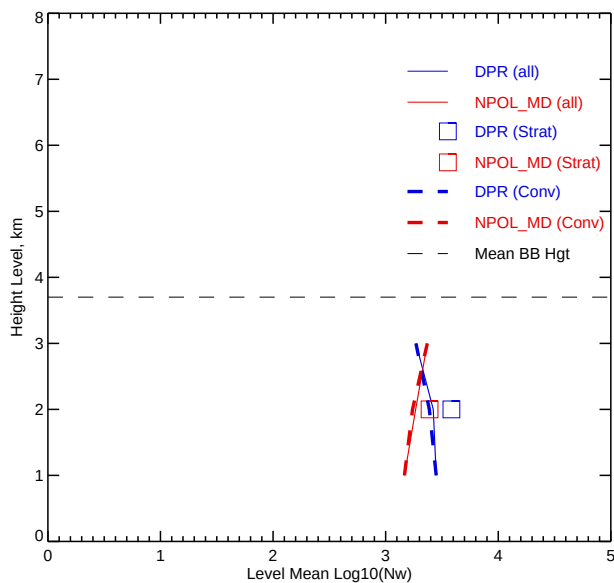
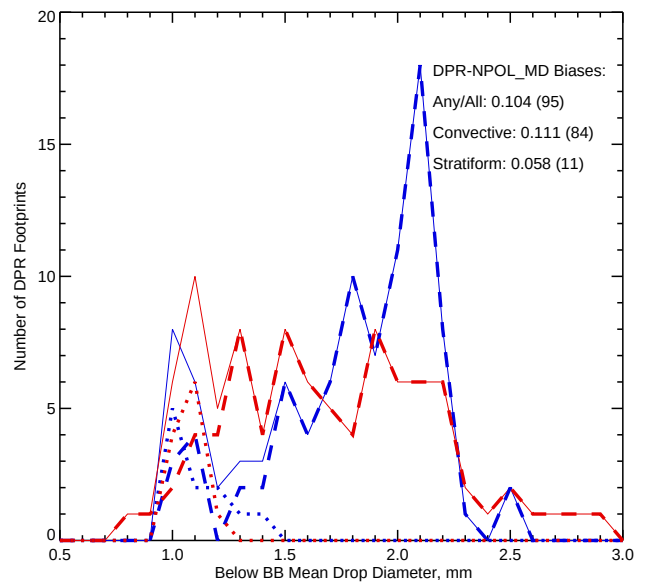
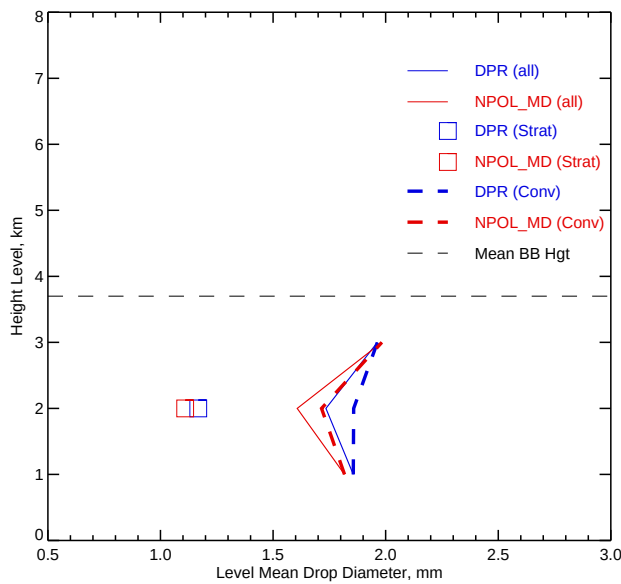
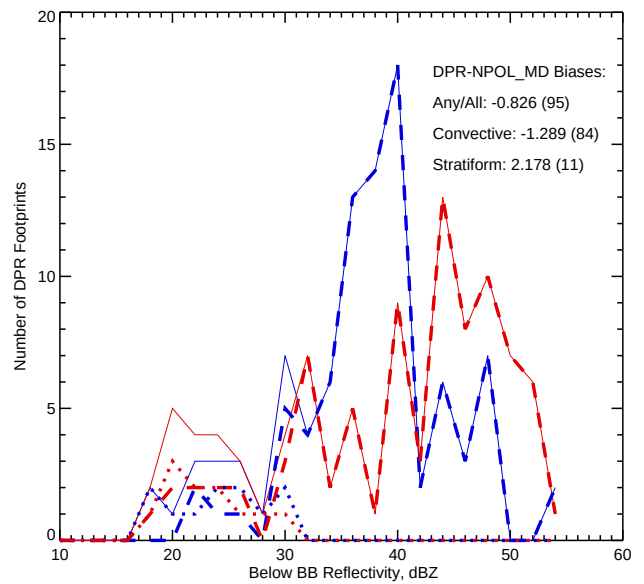
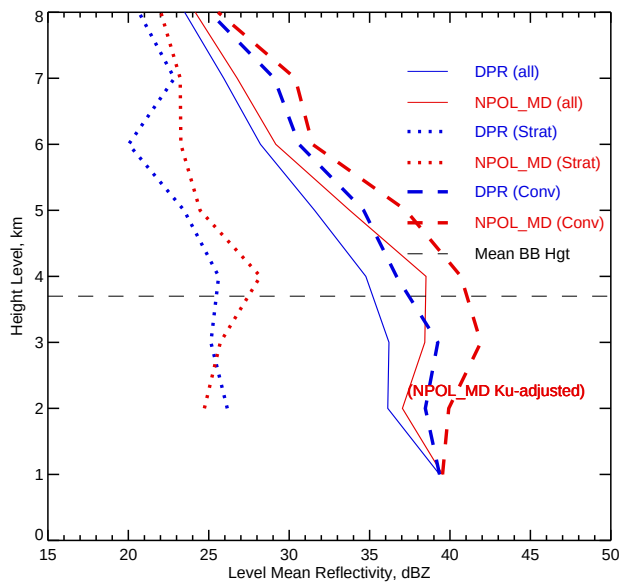




NPOL_MD Ku-adjusted DSD vs. DPR.KU.NS.V03B $\geq 50\%$ bins above threshold

Orbit: 2977 -- GR Start Time: 2014-09-07 01:05:34

DPRKU-GR Reflectivity difference statistics (dBZ) - GR Site: NPOL_MD
Orbit: 2977 Version: V03B Swath Type: NS
DPR time = 2014-09-07 01:03:55 GR start time = 2014-09-07 01:05:34
Required percent of above-threshold DPR and GR bins in matched volumes >= 50%
Thresholding by reflectivity cutoffs. Using GR RR field.
GR reflectivity has S-to-Ku frequency adjustments applied.
Adjusted GR Dzero field by factor of 1.050000 to match DPR Dm.

Mean Reflectivity 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	DPRMaxZ	GRMaxZ
1.0	-0.188	24	-99.999	0	-0.188	24	50.210	54.210	53.246
2.0	-0.911	70	1.424	12	-1.457	58	59.287	54.210	54.540
3.0	-2.225	86	-0.590	16	-2.673	70	60.254	54.210	55.962 @ BB
4.0	-3.738	70	-2.591	9	-4.003	60	52.402	54.210	56.437 @ BB
5.0	-2.182	77	-0.994	14	-2.629	59	60.001	49.846	54.294
6.0	-0.955	69	-3.246	8	-0.841	50	53.019	50.272	47.920
7.0	-0.839	79	-0.358	14	-1.306	45	61.858	47.605	44.501
8.0	-0.660	62	-1.366	9	-0.522	40	54.304	38.013	40.403

Mean Reflectivity 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	DPRMaxZ	GRMaxZ
Below	-0.826	95	2.178	11	-1.289	84	56.193	54.210	54.540

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	0.039	24	-99.999	0	0.039	24	50.210	2.237	3.032
2.0	0.128	68	0.058	11	0.143	57	58.808	2.582	3.086
3.0	-0.020	3	-99.999	0	-0.020	3	44.804	2.159	2.827 @ 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	0.104	95	0.058	11	0.111	84	56.193	2.582	3.086

Mean Normalized Intercept Parameter (log10(Nw)) 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	0.282	24	-99.999	0	0.282	24	50.210	4.246	4.072
2.0	0.157	68	0.194	11	0.149	57	58.808	4.947	4.164
3.0	-0.100	3	-99.999	0	-0.100	3	44.804	3.532	4.029 @ 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

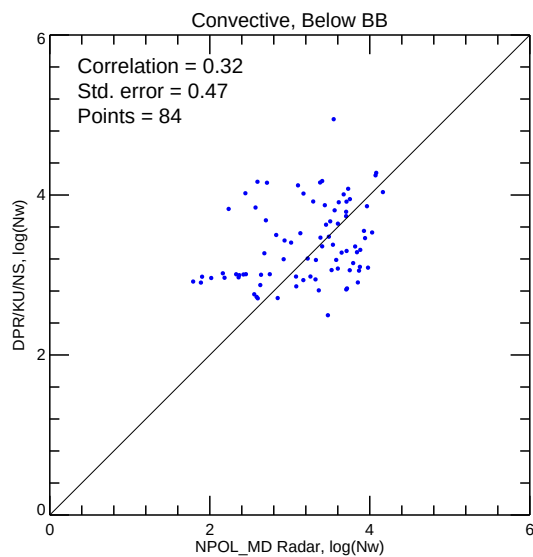
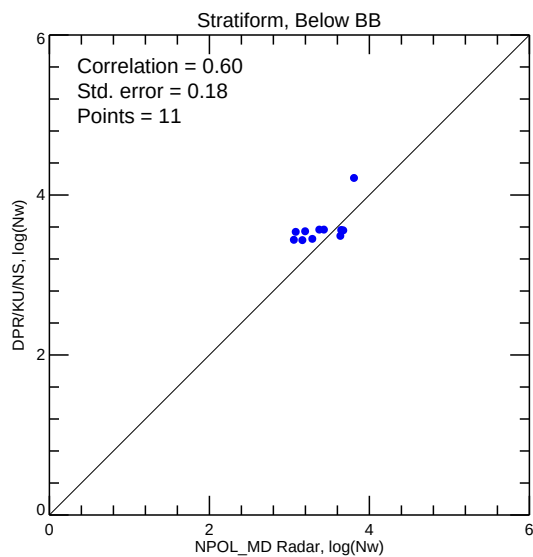
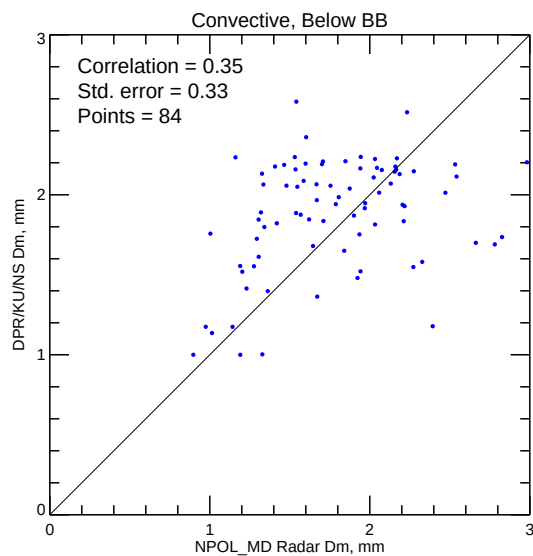
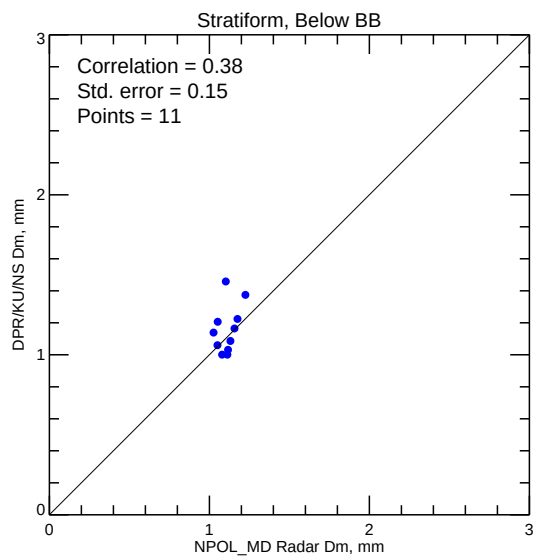
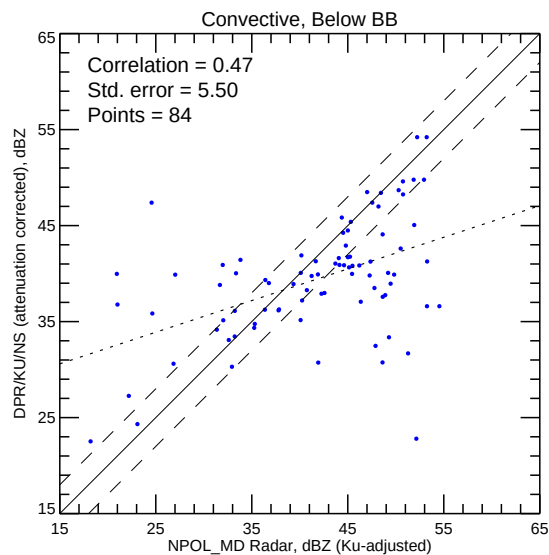
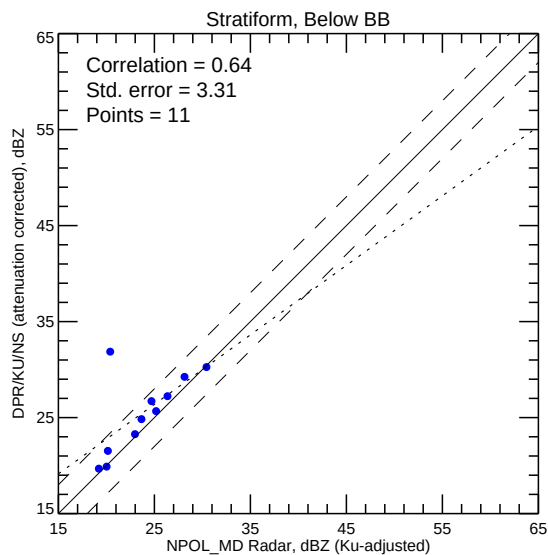
No above-threshold points at height 7.000

No above-threshold points at height 8.000

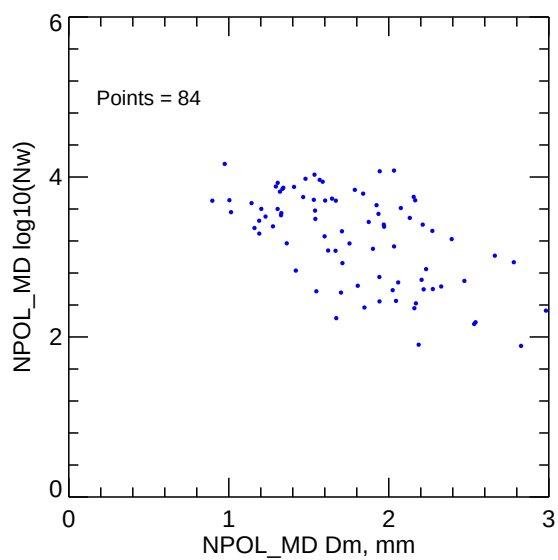
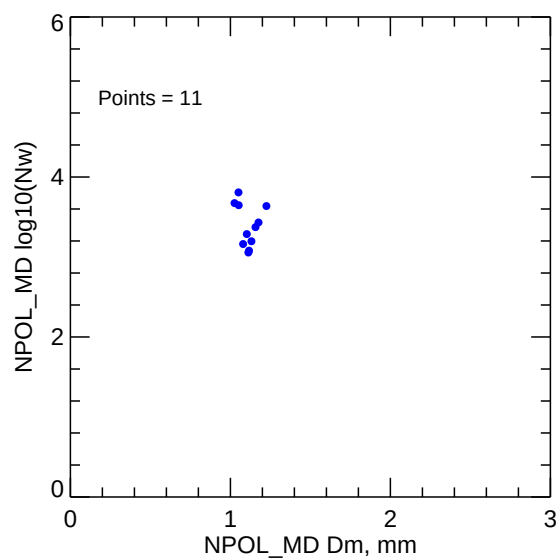
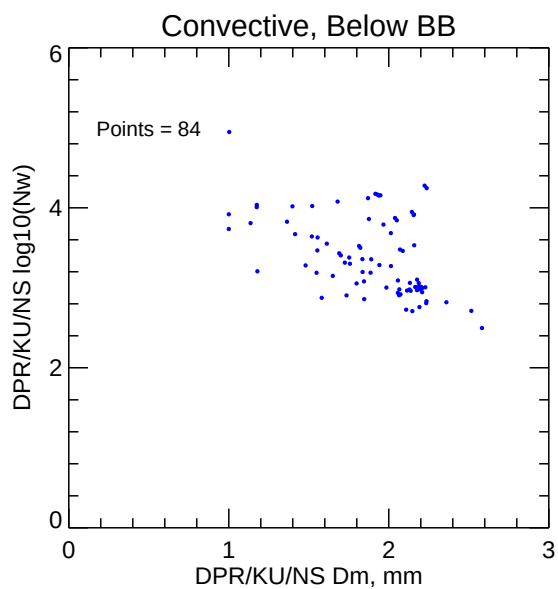
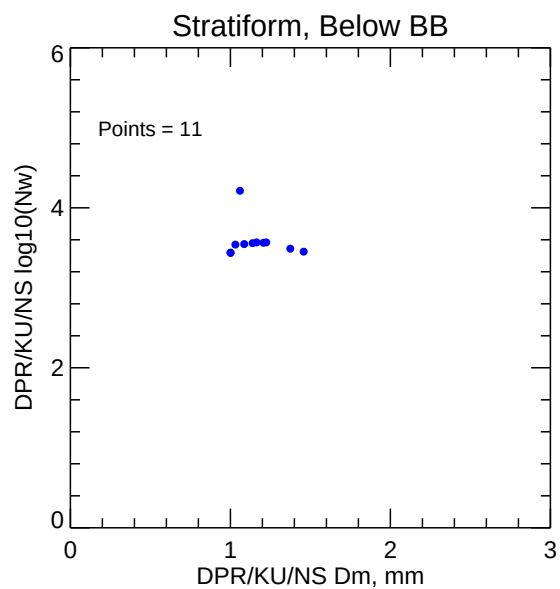
Mean Normalized Intercept Parameter (log10(Nw)) Statistics grouped by proximity to Bright Band:

Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
Below	0.179	95	0.194	11	0.176	84	56.193	4.947	4.164

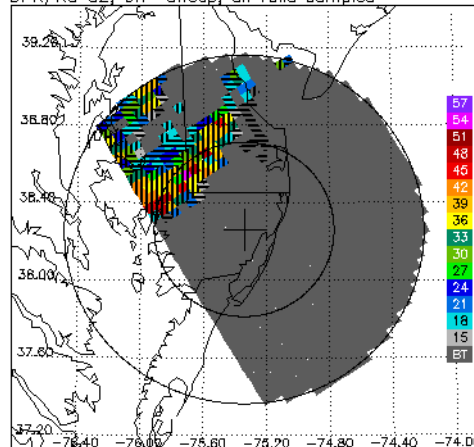
NPOL_MD Ku-adjusted DSD vs. DPR.KU.NS.V03B >=50% bins above threshold



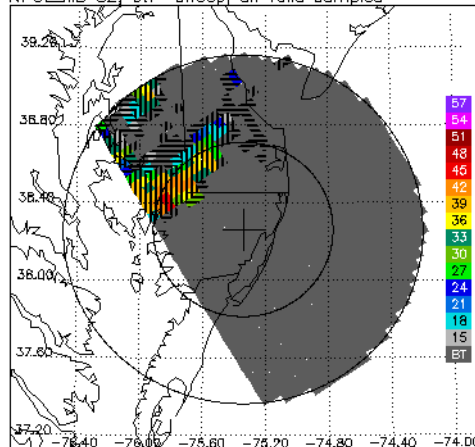
Dm vs. $\log_{10}(N_w)$ for DPR.KU.NS.V03B and NPOL_MD $\geq 50\%$ bins above threshold



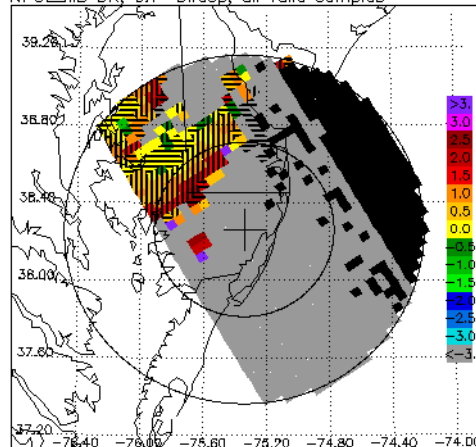
DPR/KU CZ, 0.7° sweep, all valid samples



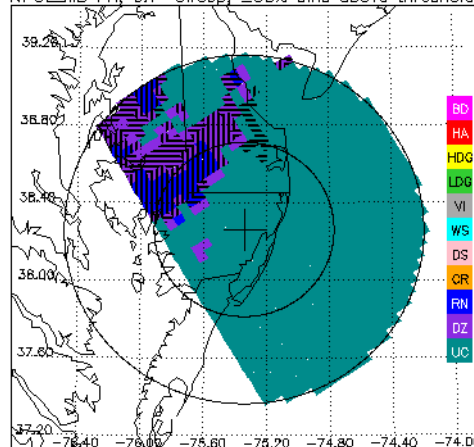
NPOL MD CZ, 0.7° sweep, all valid samples



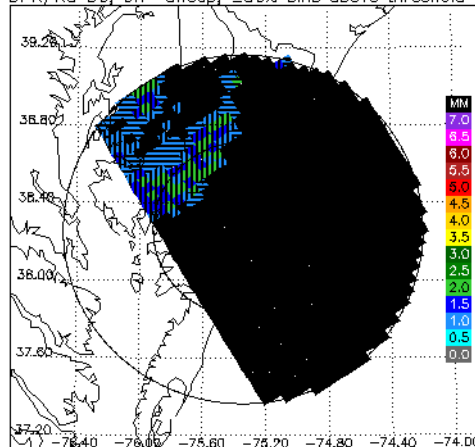
NPOL MD DR, 0.7° sweep, all valid samples



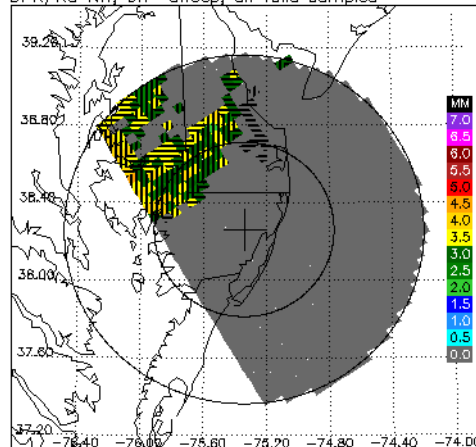
NPOL MD FH, 0.7° sweep, ≥50% bins above threshold



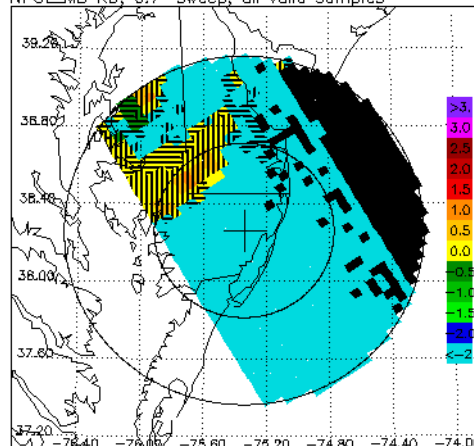
DPR/KU D0, 0.7° sweep, ≥50% bins above threshold



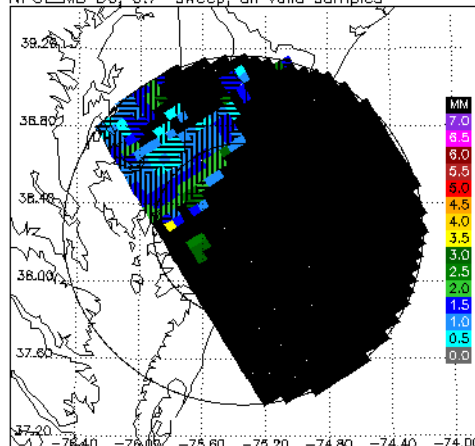
DPR/KU NW, 0.7° sweep, all valid samples



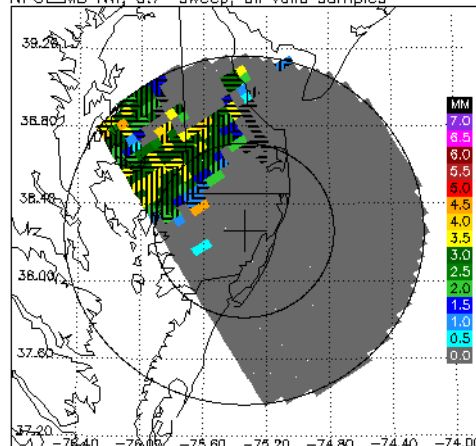
NPOL MD KD, 0.7° sweep, all valid samples



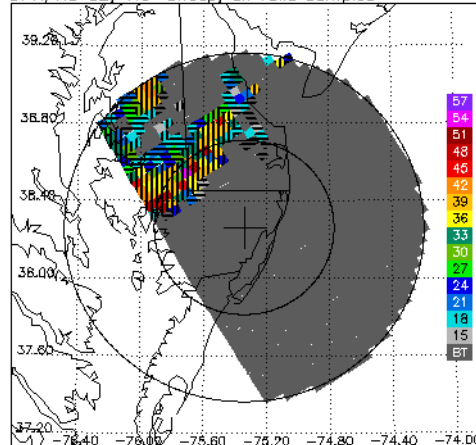
NPOL MD D0, 0.7° sweep, all valid samples



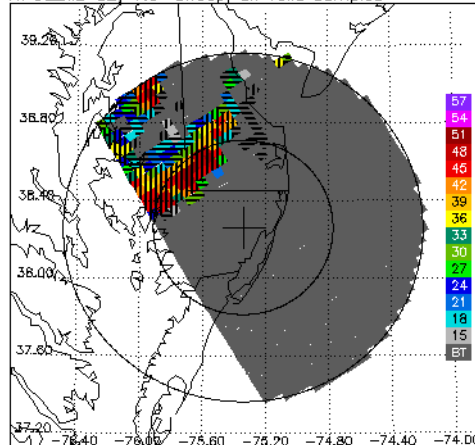
NPOL MD NW, 0.7° sweep, all valid samples



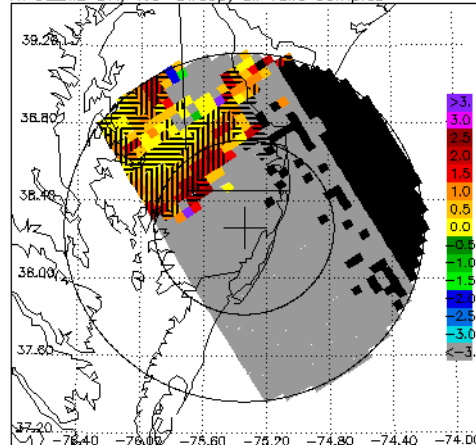
DPR/KU CZ, 1.6° sweep, all valid samples



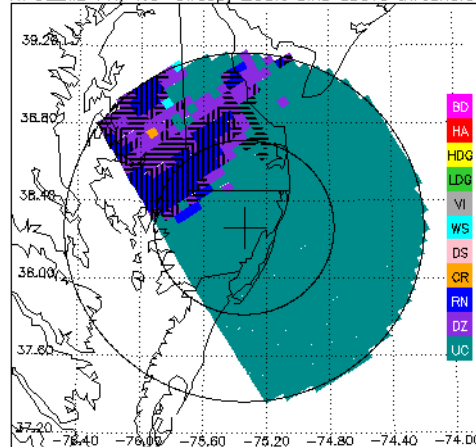
NPOL_MD CZ, 1.6° sweep, all valid samples



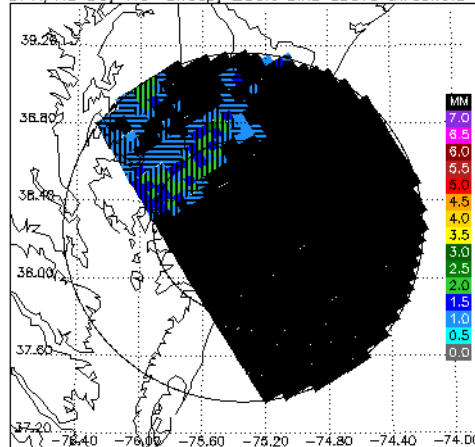
NPOL_MD DR, 1.6° sweep, all valid samples



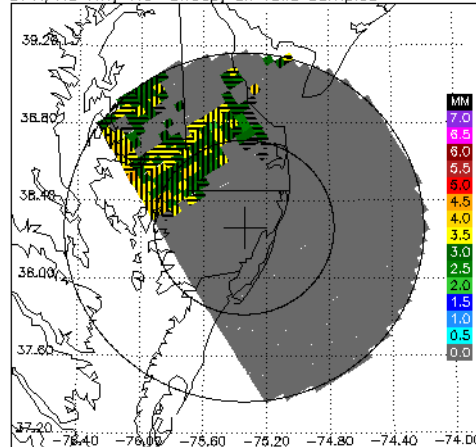
NPOL_MD FH, 1.6° sweep, ≥50% bins above threshold



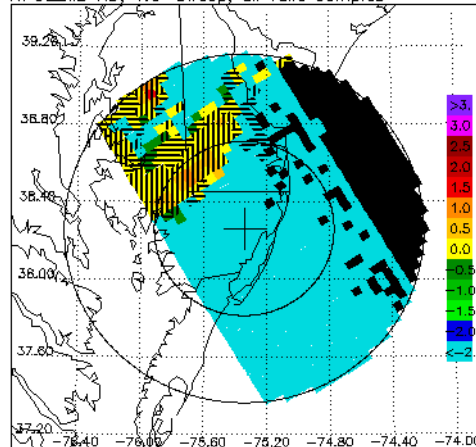
DPR/KU D0, 1.6° sweep, ≥50% bins above threshold



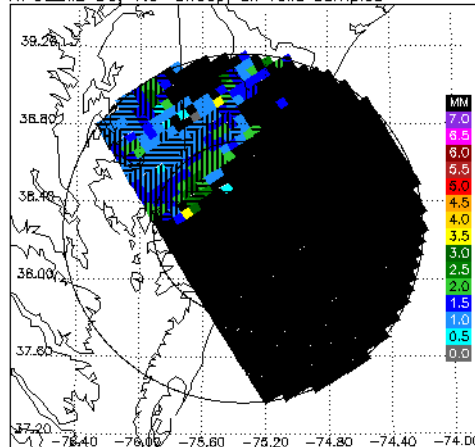
DPR/KU NW, 1.6° sweep, all valid samples



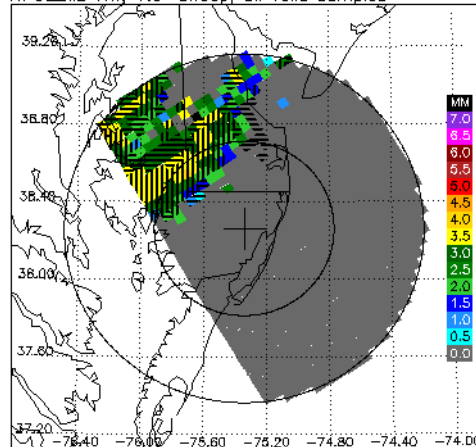
NPOL_MD KD, 1.6° sweep, all valid samples



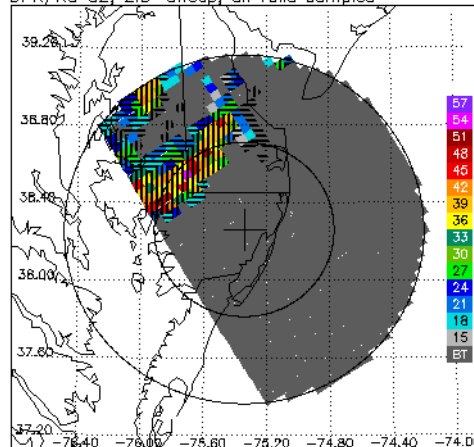
NPOL_MD D0, 1.6° sweep, all valid samples



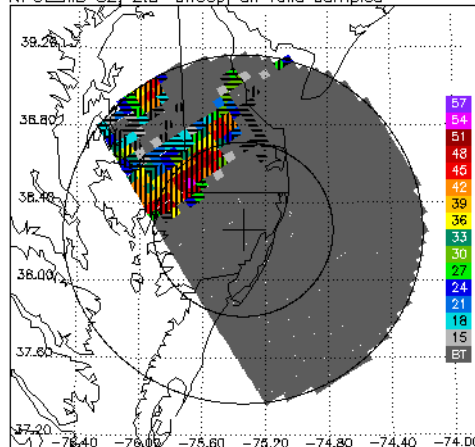
NPOL_MD NW, 1.6° sweep, all valid samples



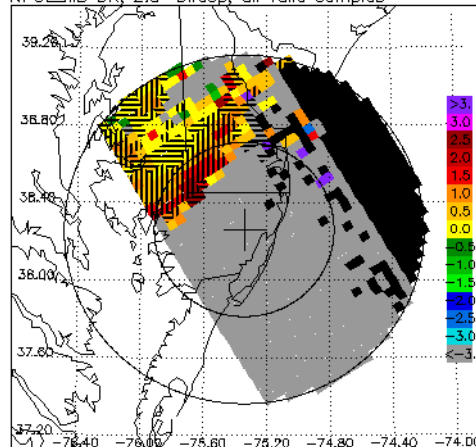
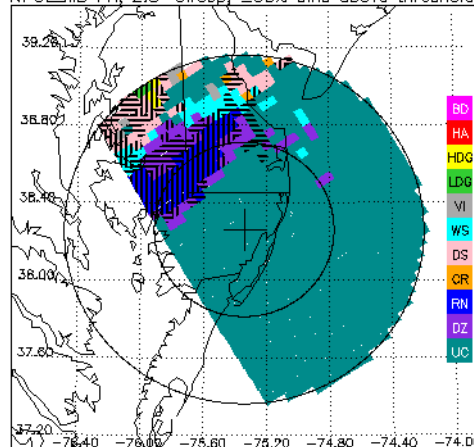
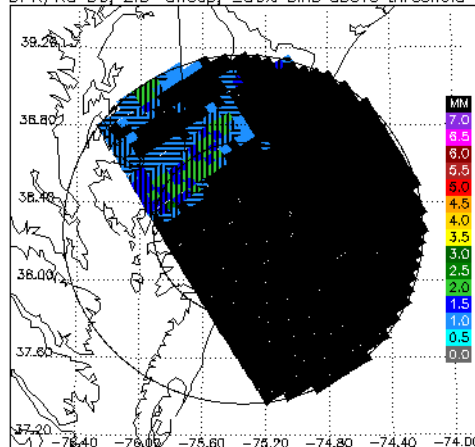
DPR/KU CZ, 2.8° sweep, all valid samples



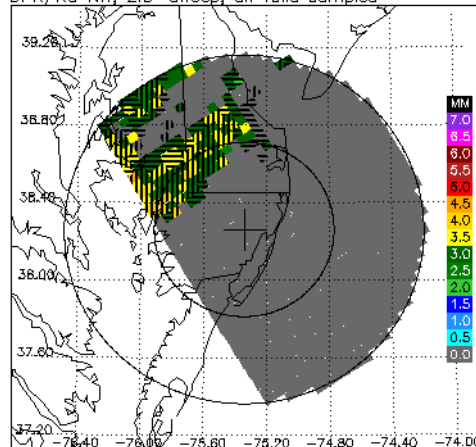
NPOL_MD CZ, 2.8° sweep, all valid samples



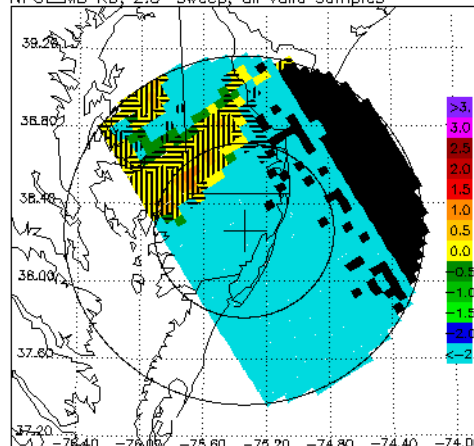
NPOL_MD DR, 2.8° sweep, all valid samples

NPOL_MD FH, 2.8° sweep, $\geq 50\%$ bins above thresholdDPR/KU D0, 2.8° sweep, $\geq 50\%$ bins above threshold

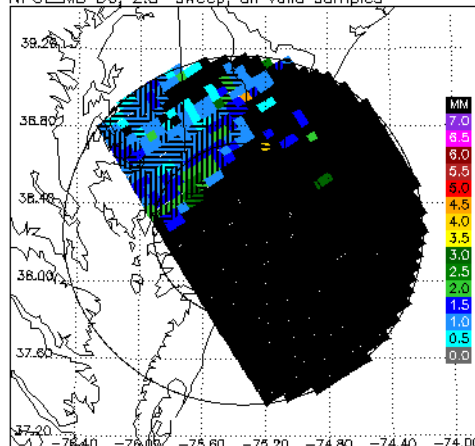
DPR/KU NW, 2.8° sweep, all valid samples



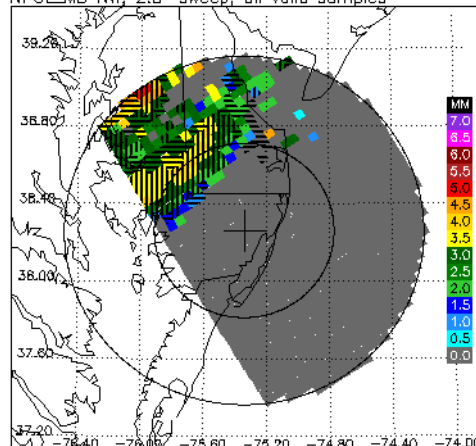
NPOL_MD KD, 2.8° sweep, all valid samples



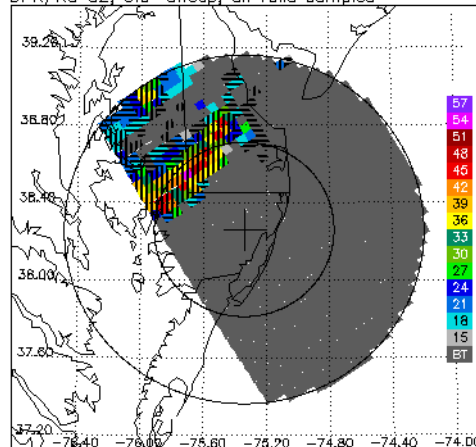
NPOL_MD D0, 2.8° sweep, all valid samples



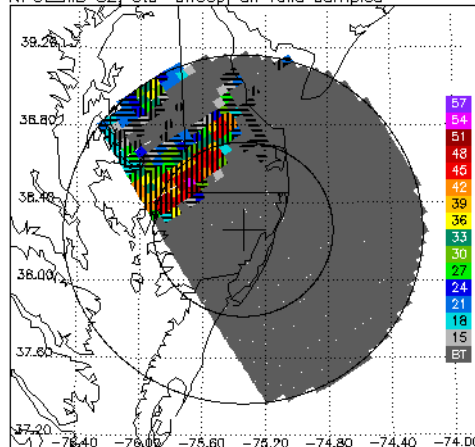
NPOL_MD NW, 2.8° sweep, all valid samples



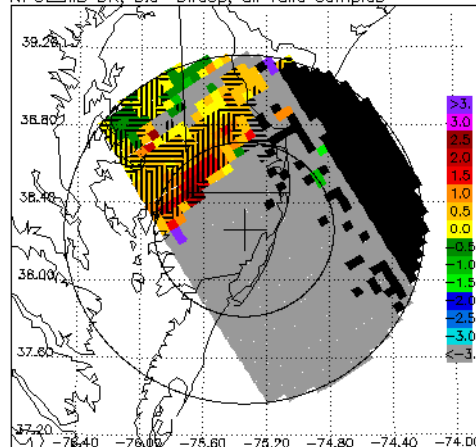
DPR/KU CZ, 3.9° sweep, all valid samples



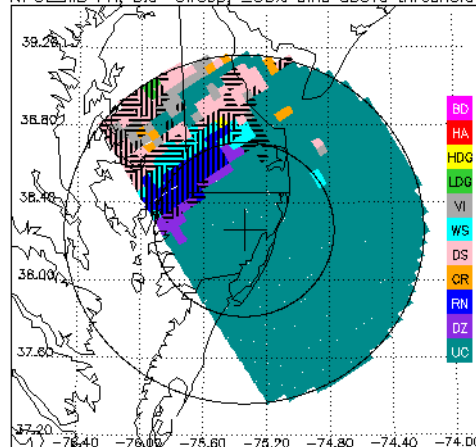
NPOL_MD CZ, 3.9° sweep, all valid samples



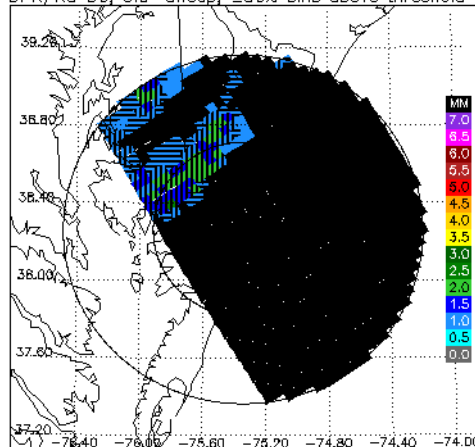
NPOL_MD DR, 3.9° sweep, all valid samples



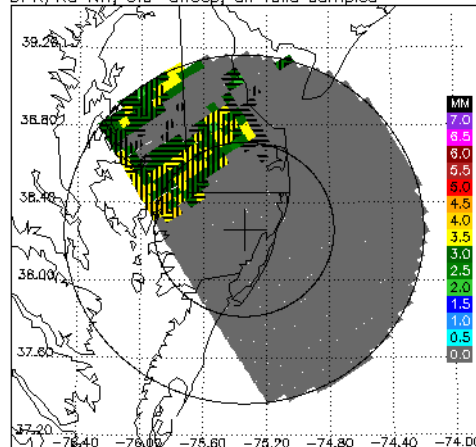
NPOL_MD FH, 3.9° sweep, ≥50% bins above threshold



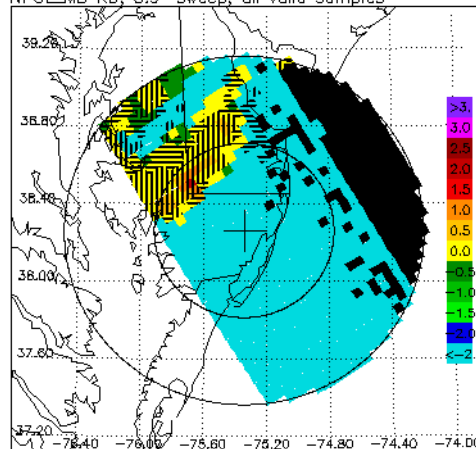
DPR/KU D0, 3.9° sweep, ≥50% bins above threshold



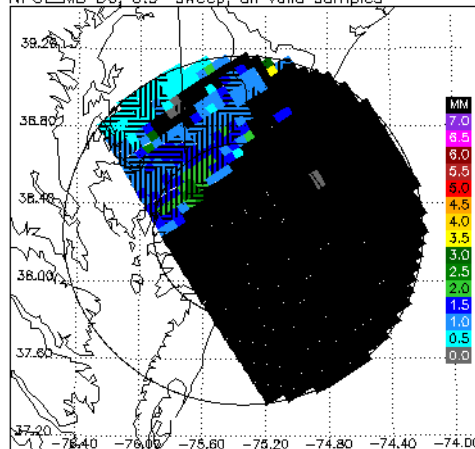
DPR/KU NW, 3.9° sweep, all valid samples



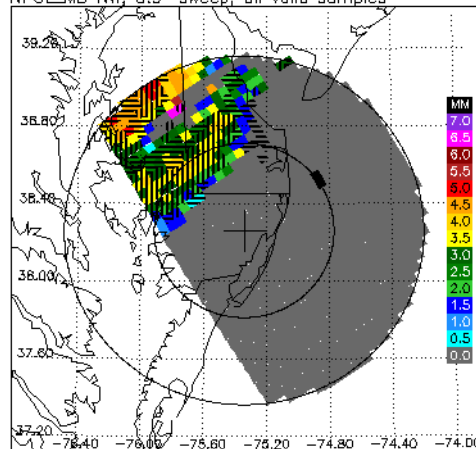
NPOL_MD KD, 3.9° sweep, all valid samples



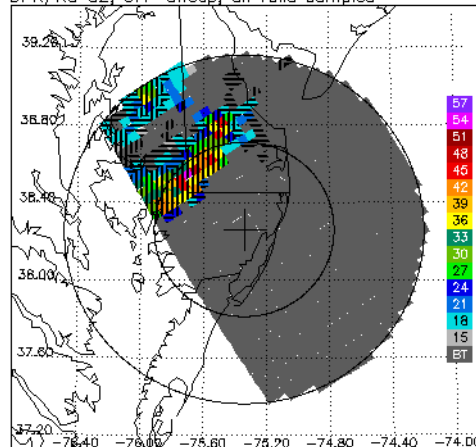
NPOL_MD D0, 3.9° sweep, all valid samples



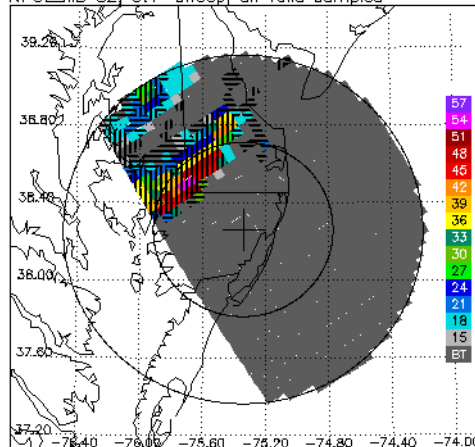
NPOL_MD NW, 3.9° sweep, all valid samples



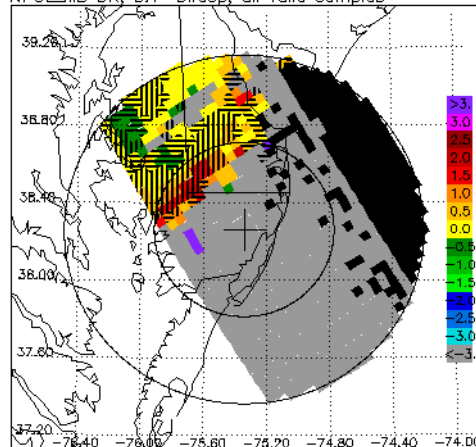
DPR/KU CZ, 5.1° sweep, all valid samples



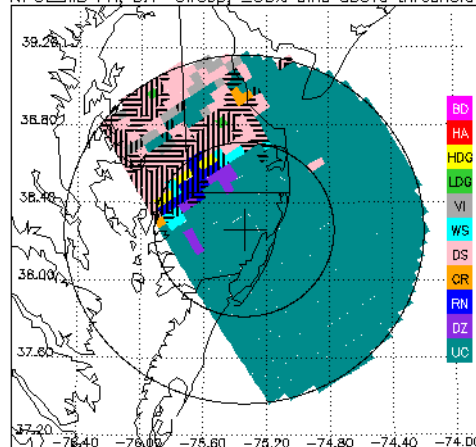
NPOL MD CZ, 5.1° sweep, all valid samples



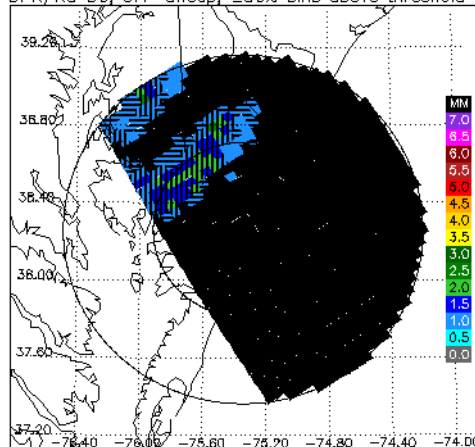
NPOL MD DR, 5.1° sweep, all valid samples



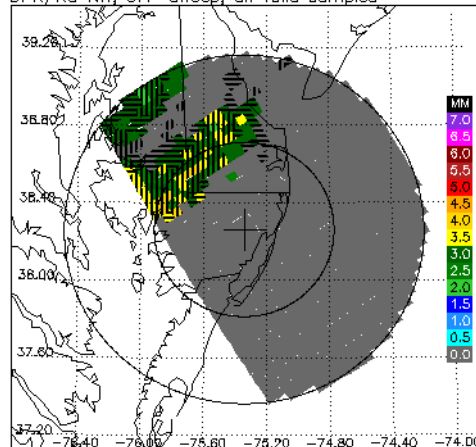
NPOL MD FH, 5.1° sweep, ≥50% bins above threshold



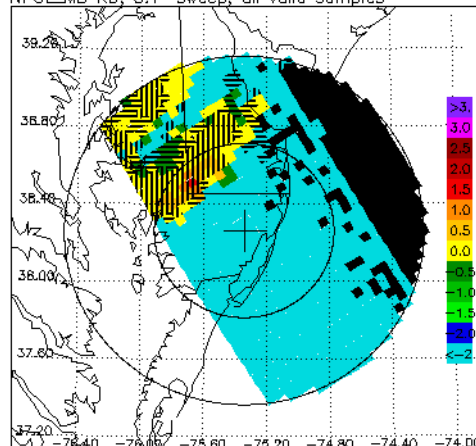
DPR/KU D0, 5.1° sweep, ≥50% bins above threshold



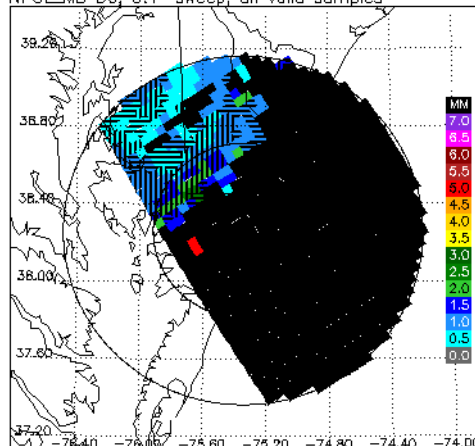
DPR/KU NW, 5.1° sweep, all valid samples



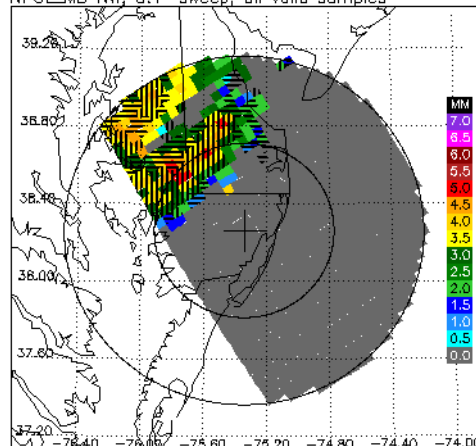
NPOL MD KD, 5.1° sweep, all valid samples



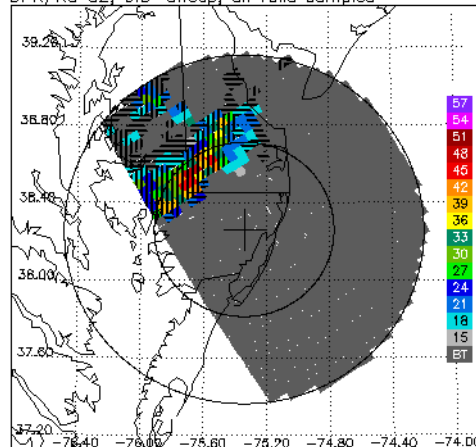
NPOL MD D0, 5.1° sweep, all valid samples



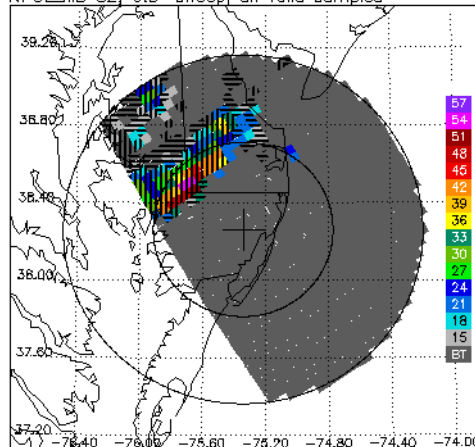
NPOL MD NW, 5.1° sweep, all valid samples



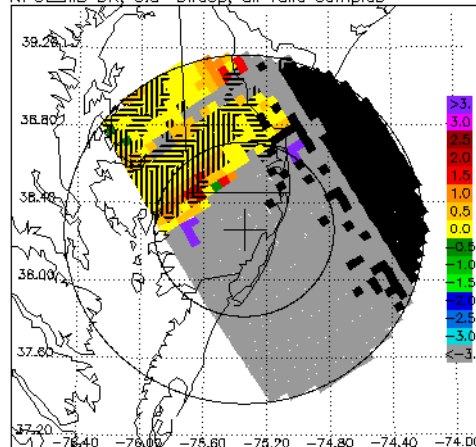
DPR/KU CZ, 6.3° sweep, all valid samples



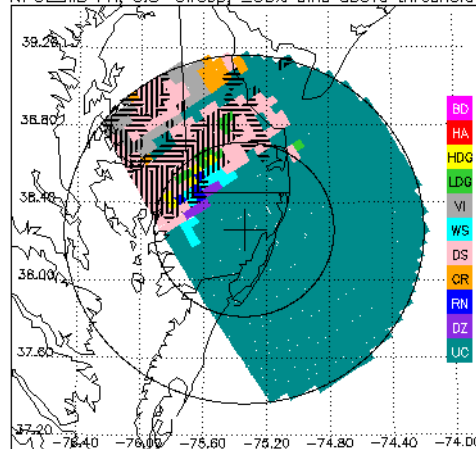
NPOL_MD CZ, 6.3° sweep, all valid samples



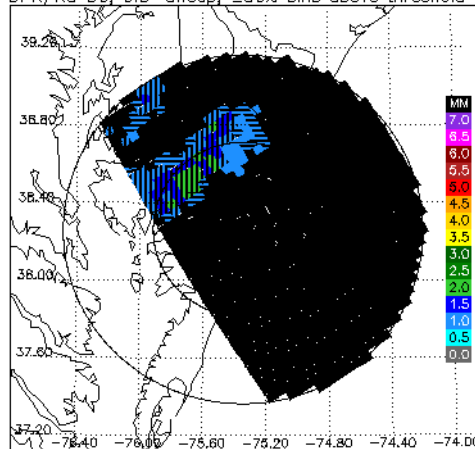
NPOL_MD DR, 6.3° sweep, all valid samples



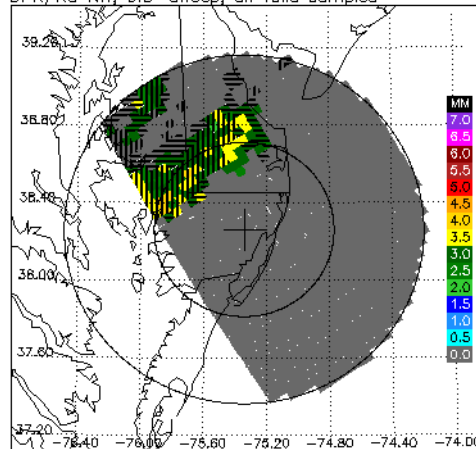
NPOL_MD FH, 6.3° sweep, ≥50% bins above threshold



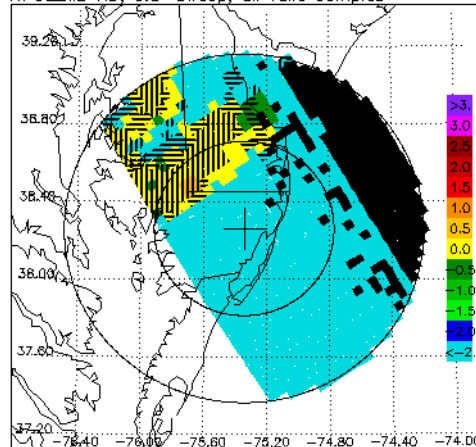
DPR/KU D0, 6.3° sweep, ≥50% bins above threshold



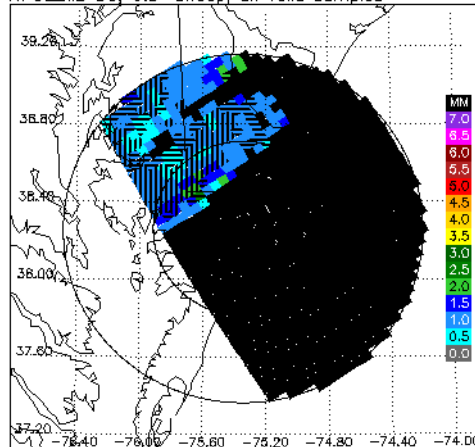
DPR/KU NW, 6.3° sweep, all valid samples



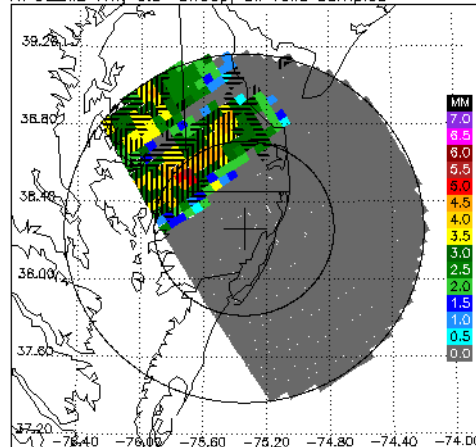
NPOL_MD KD, 6.3° sweep, all valid samples



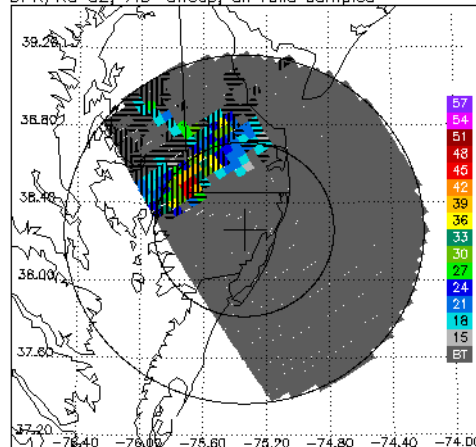
NPOL_MD D0, 6.3° sweep, all valid samples



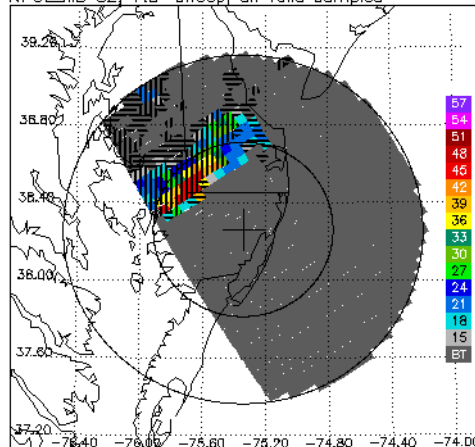
NPOL_MD NW, 6.3° sweep, all valid samples



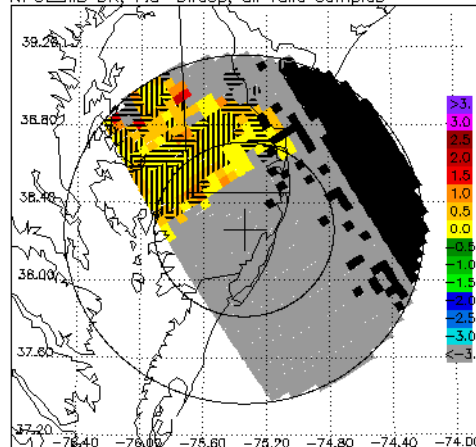
DPR/KU CZ, 7.8° sweep, all valid samples



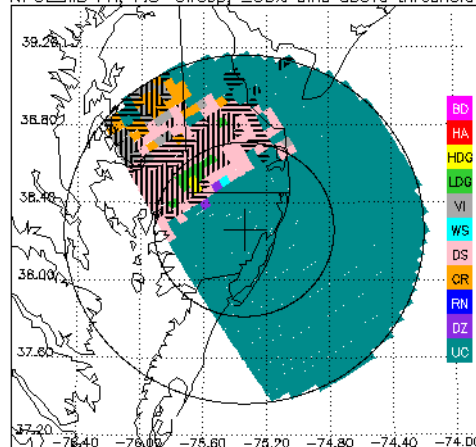
NPOL_MD CZ, 7.8° sweep, all valid samples



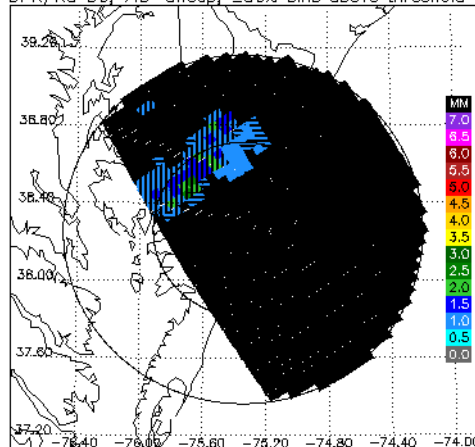
NPOL_MD DR, 7.8° sweep, all valid samples



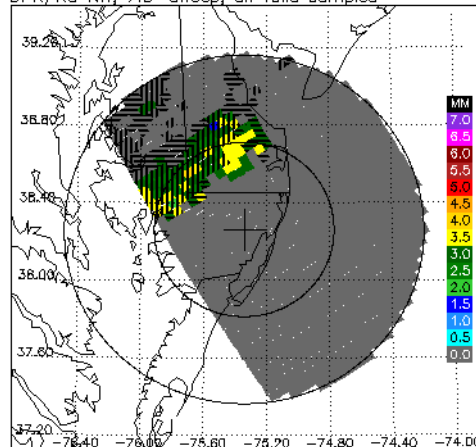
NPOL_MD FH, 7.8° sweep, ≥50% bins above threshold



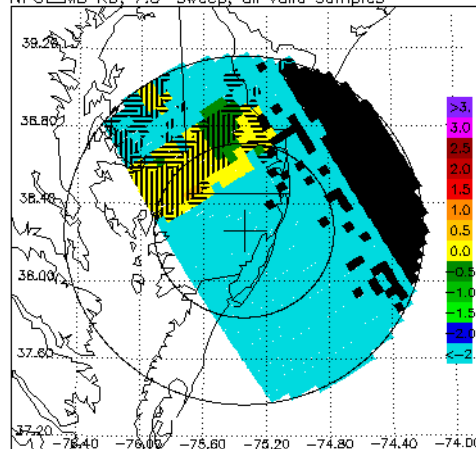
DPR/KU D0, 7.8° sweep, ≥50% bins above threshold



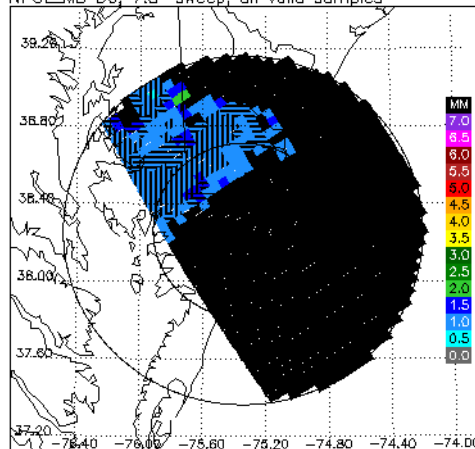
DPR/KU NW, 7.8° sweep, all valid samples



NPOL_MD KD, 7.8° sweep, all valid samples



NPOL_MD D0, 7.8° sweep, all valid samples



NPOL_MD NW, 7.8° sweep, all valid samples

