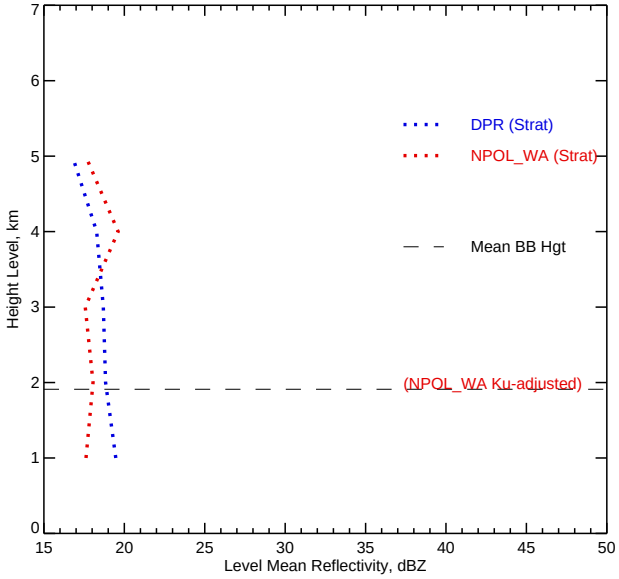
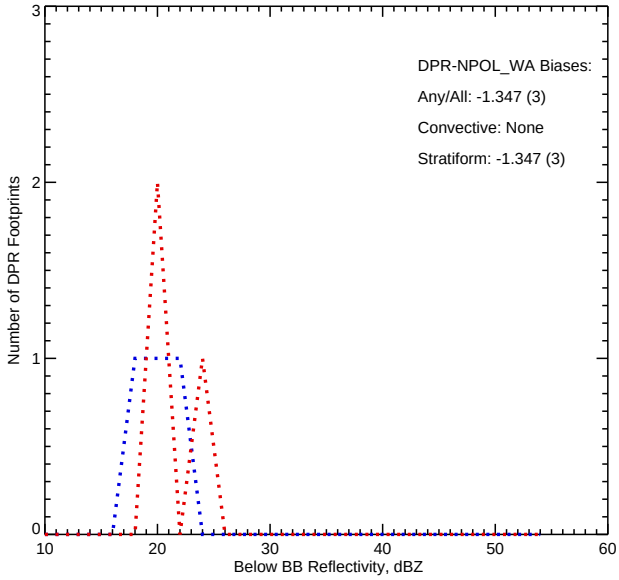
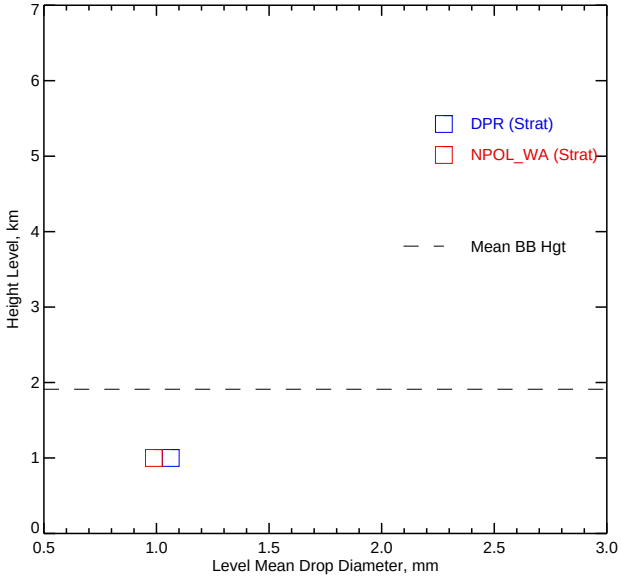
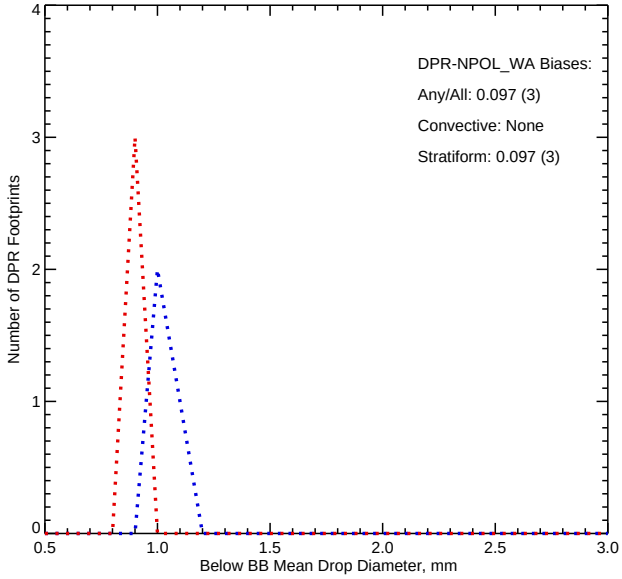
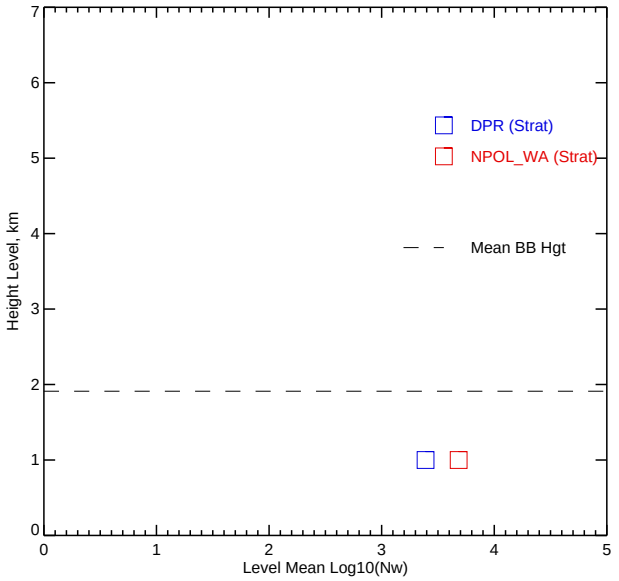
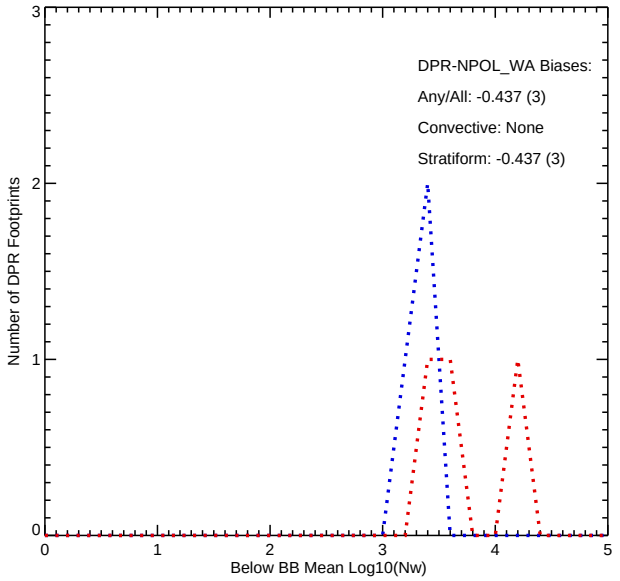












NPOL_WA Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

Orbit: 9768 -- GR Start Time: 2015-11-17 11:57:22

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: NPOL_WA
Orbit: 9768 Version: V04A Swath Type: NS
DPR time = 2015-11-17 12:00:17   GR start time = 2015-11-17 11:57:22
Required percent of above-threshold DPR and GR bins in matched volumes >= 0%
Filtering by Land/Ocean Category criteria.
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	1.852	13	1.852	13	-99.999	0	60.932	22.910	23.558	@ BB
2.0	0.755	22	0.782	21	-99.999	0	67.947	22.987	27.990	@ BB
3.0	2.708	26	1.127	17	-99.999	0	78.557	21.707	22.317	
4.0	-1.252	19	-1.332	10	-99.999	0	81.984	22.019	22.063	
5.0	-0.723	5	-0.826	2	-99.999	0	95.859	17.067	17.936	

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	-1.347	3	-1.347	3	-99.999	0	48.652	22.910	25.422

GR Dm field is being directly compared to DPR Dm.

Mean Drop Diameter (Dm, in mm) 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	DPRMaxDm	GRMaxDm	
1.0	0.075	2	0.075	2	-99.999	0	52.637	1.110	0.994	@ BB

No above-threshold points at height 2.000
No above-threshold points at height 3.000
No above-threshold points at height 4.000
No above-threshold points at height 5.000

Mean Drop Diameter (Dm, in mm) 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	DPRMaxDm	GRMaxDm
Below	0.097	3	0.097	3	-99.999	0	48.652	1.110	0.994

GR NW field is being directly compared to DPR Nw.

Mean Normalized Intercept Parameter (log10(Nw)) Statistics grouped by fixed height levels (km):

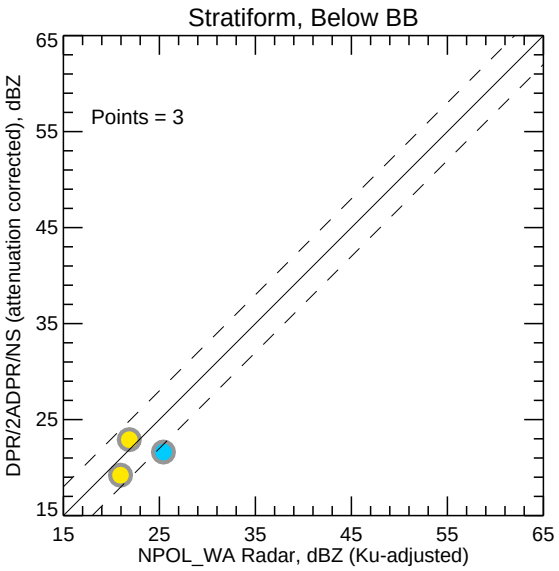
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics			
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw	
1.0	-0.295	2	-0.295	2	-99.999	0	52.637	3.443	3.780	@ BB

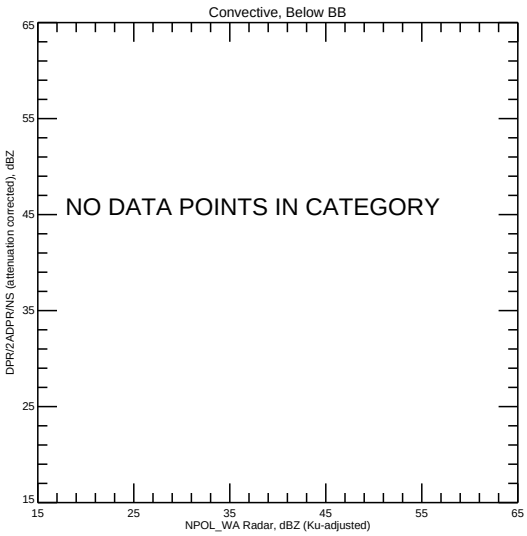
No above-threshold points at height 2.000
No above-threshold points at height 3.000
No above-threshold points at height 4.000
No above-threshold points at height 5.000

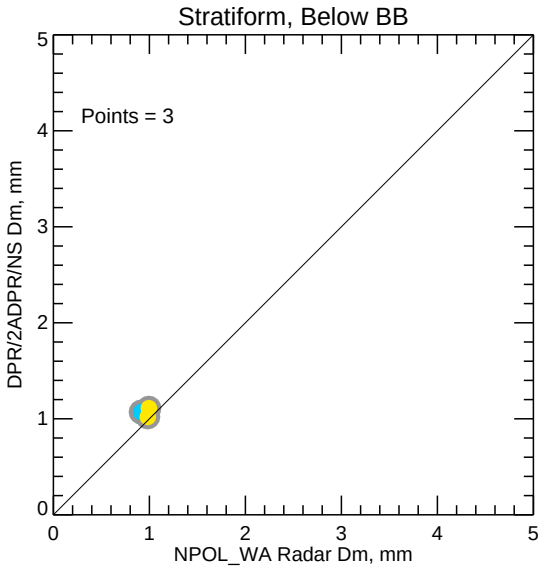
Mean Normalized Intercept Parameter (log10(Nw)) Statistics grouped by proximity to Bright Band:

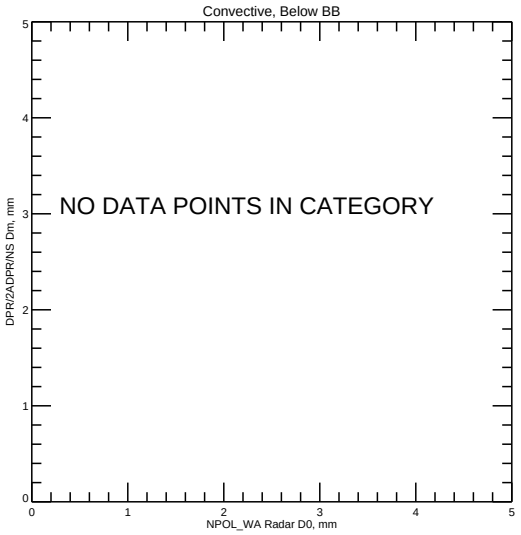
Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics		
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
Below	-0.437	3	-0.437	3	-99.999	0	48.652	3.443	4.239

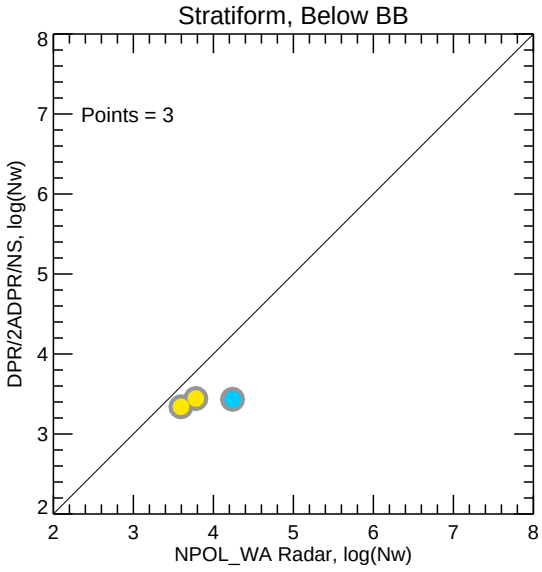
NPOL_WA Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

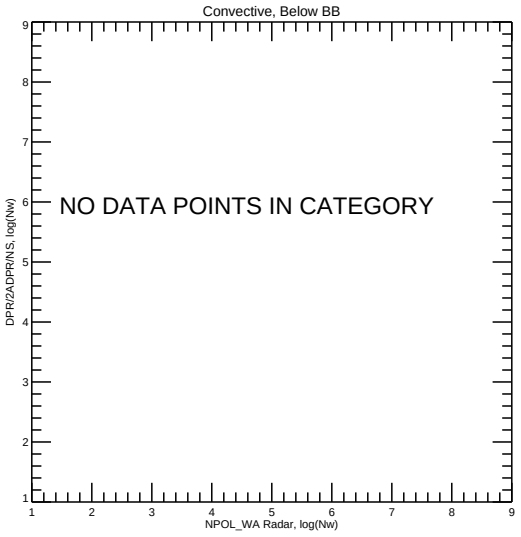




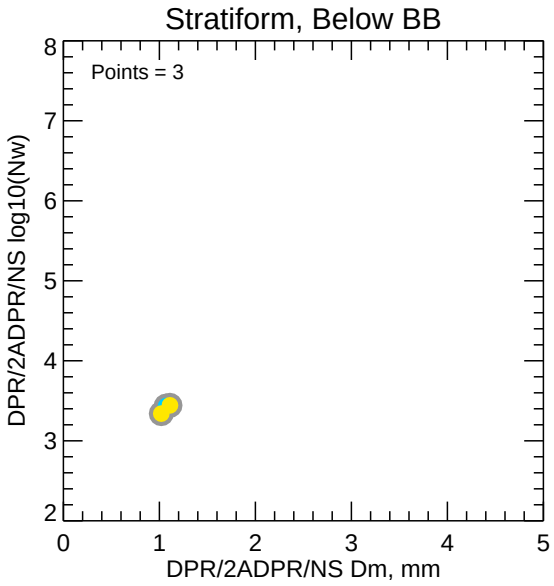


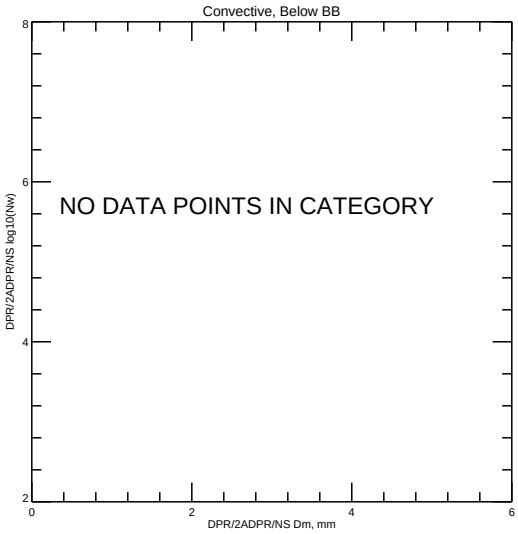


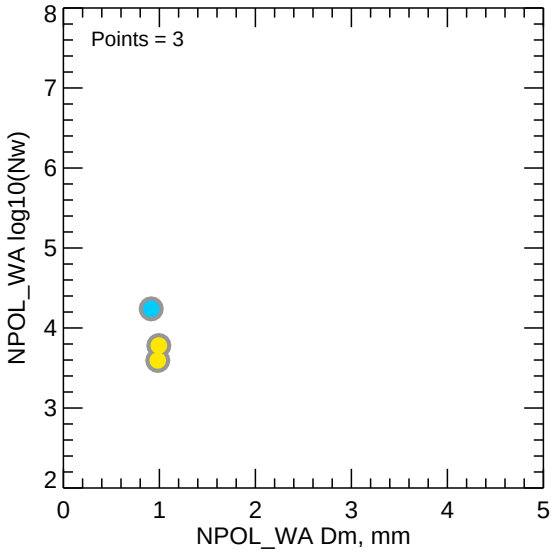


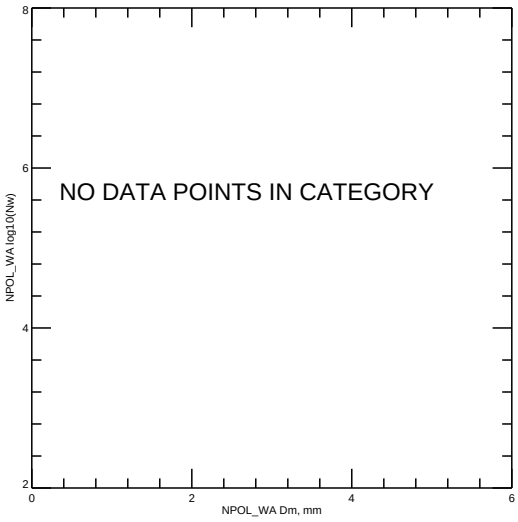


Dm vs. log10(Nw) for DPR 2ADPR/NS/V04A and NPOL_WA -- All non-missing pairs

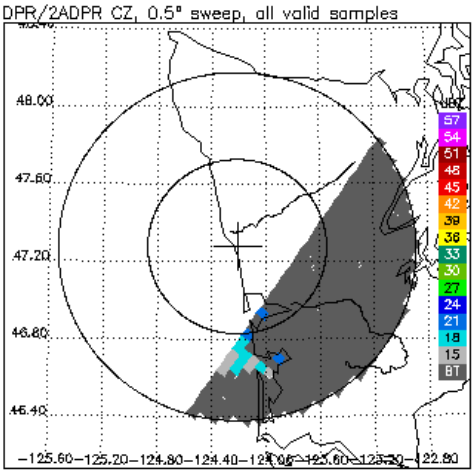




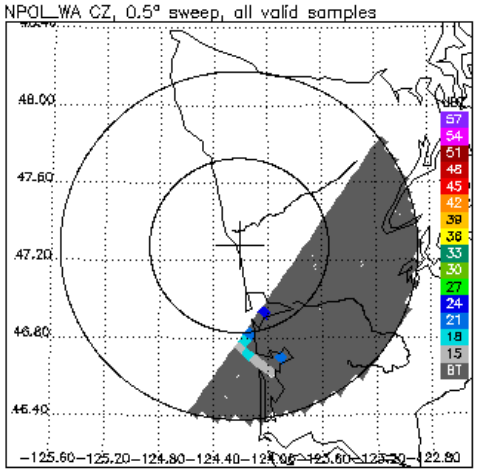




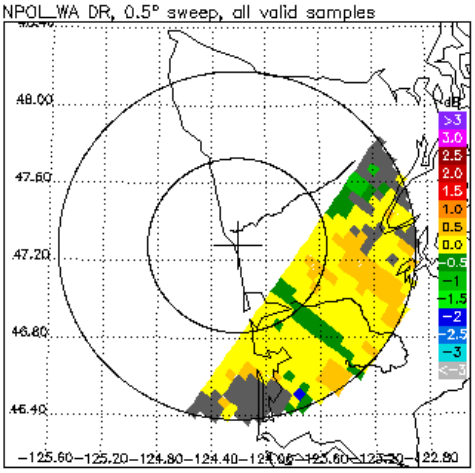
DPR/2ADPR CZ, 0.5° sweep, all valid samples



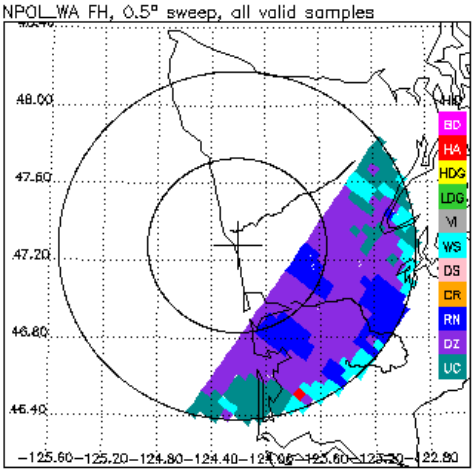
NPOL_WA CZ, 0.5° sweep, all valid samples



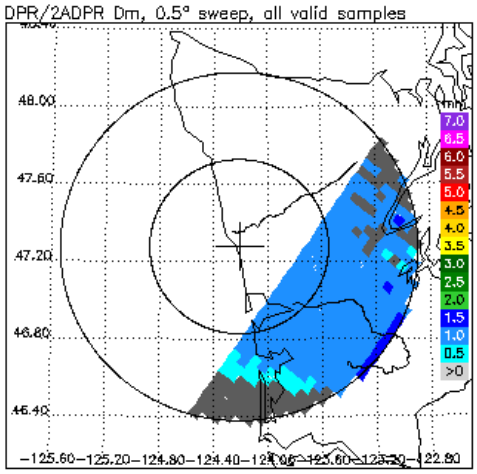
NPOL_WA DR, 0.5° sweep, all valid samples



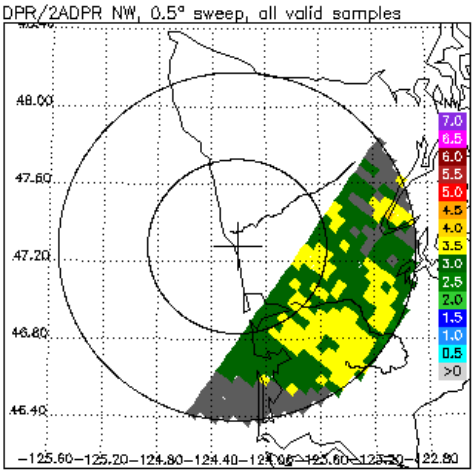
NPOL_WA FH, 0.5° sweep, all valid samples



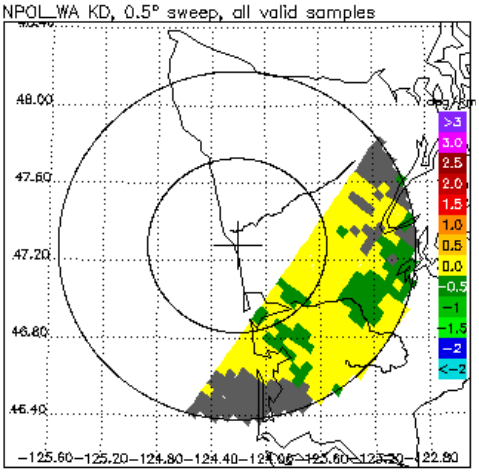
DPR/2ADPR Dm, 0.5° sweep, all valid samples



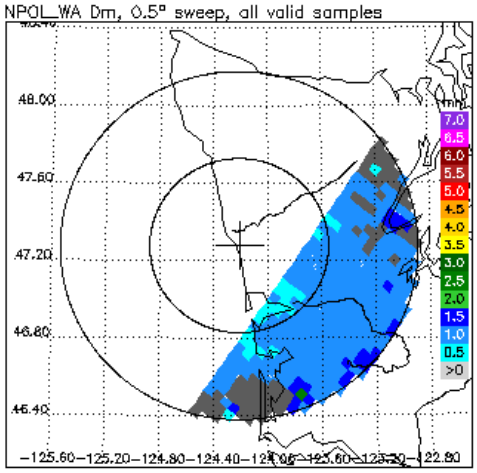
DPR/2ADPR NW, 0.5° sweep, all valid samples



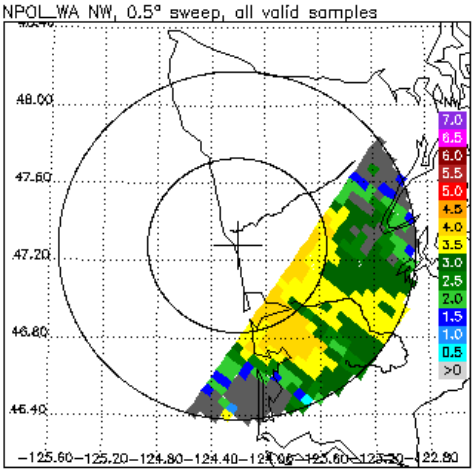
NPOL_WA KD, 0.5° sweep, all valid samples



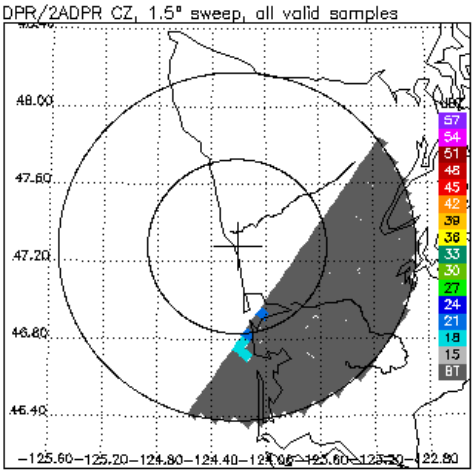
NPOL_WA Dm, 0.5° sweep, all valid samples



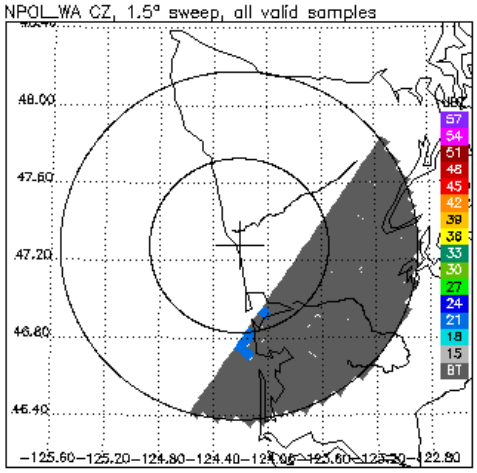
NPOL_WA NW, 0.5° sweep, all valid samples



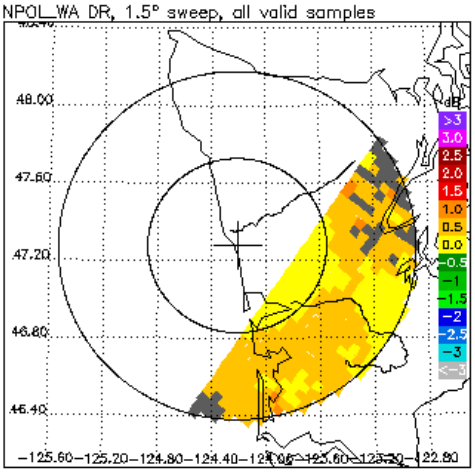
DPR/2ADPR CZ, 1.5° sweep, all valid samples



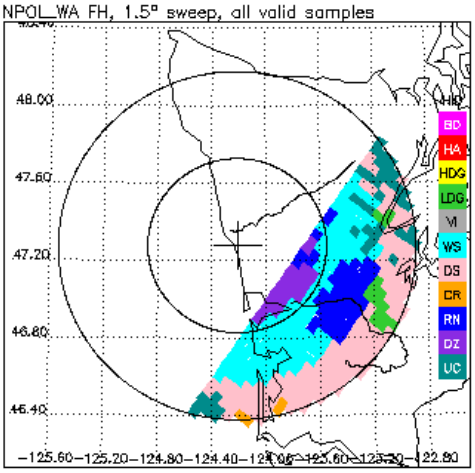
NPOL_WA CZ, 1.5° sweep, all valid samples



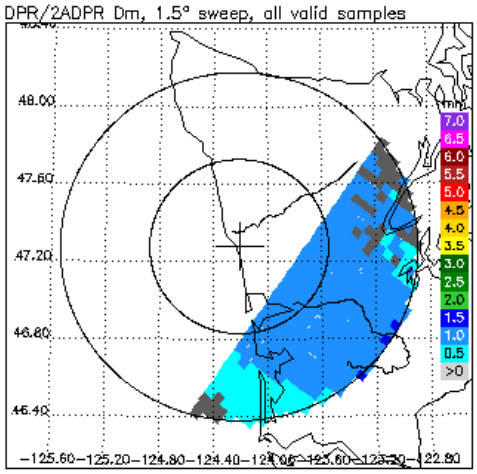
NPOL_WA DR, 1.5° sweep, all valid samples



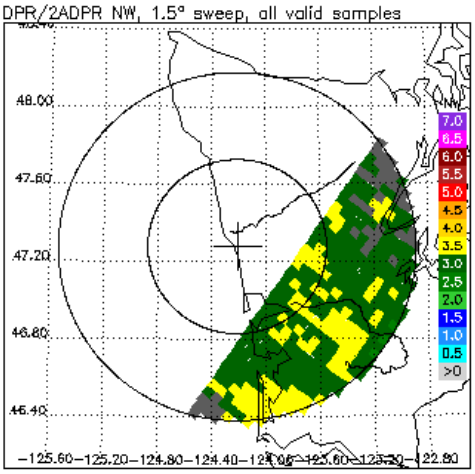
NPOL_WA FH, 1.5° sweep, all valid samples



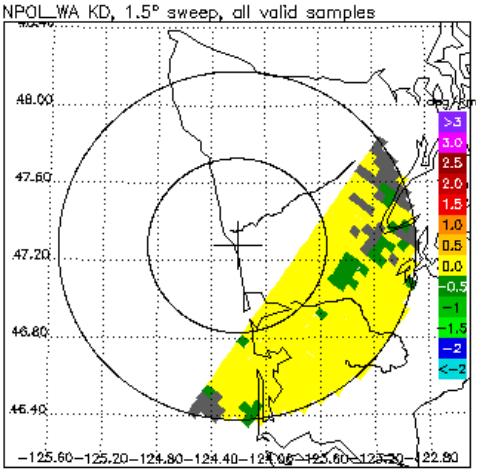
DPR/2ADPR Dm, 1.5° sweep, all valid samples



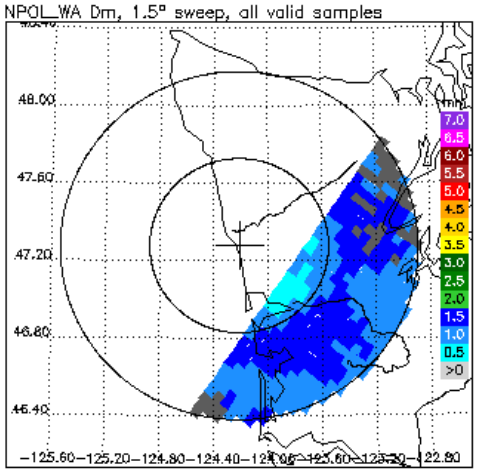
DPR/2ADPR NW, 1.5° sweep, all valid samples



NPOL_WA KD, 1.5° sweep, all valid samples



NPOL_WA Dm, 1.5° sweep, all valid samples



NPOL_WA NW, 1.5° sweep, all valid samples