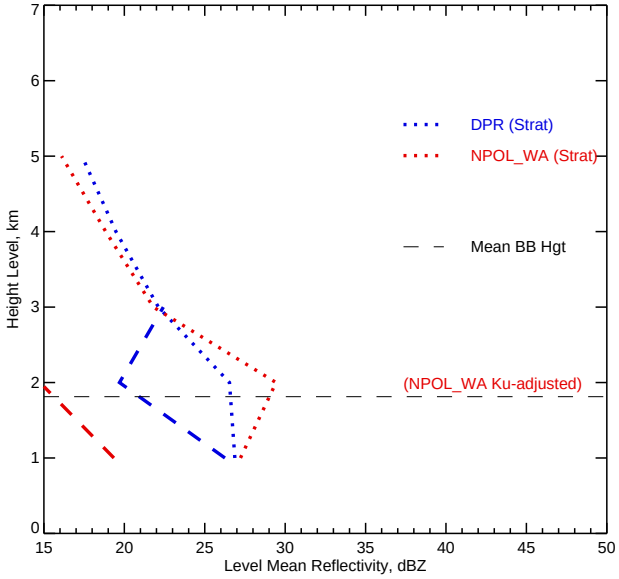
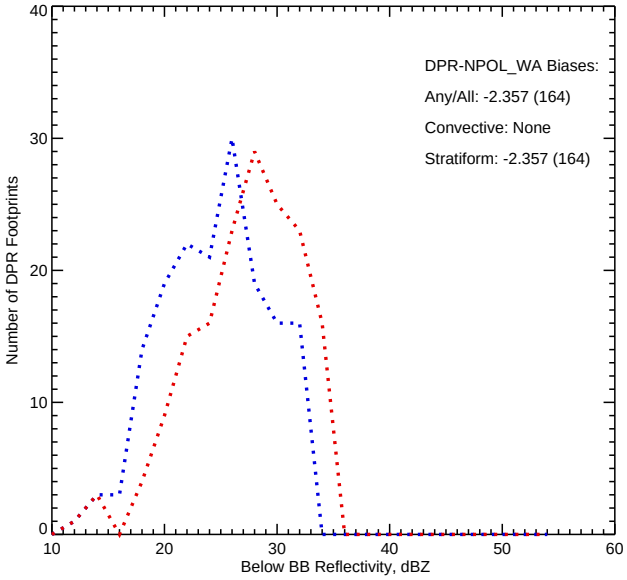
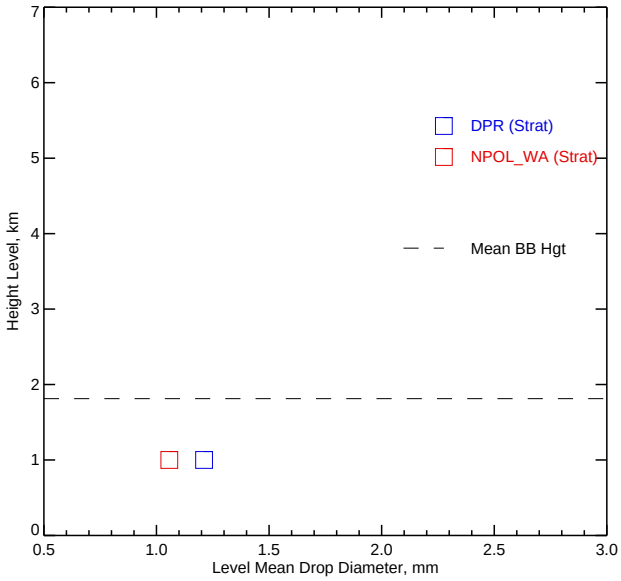
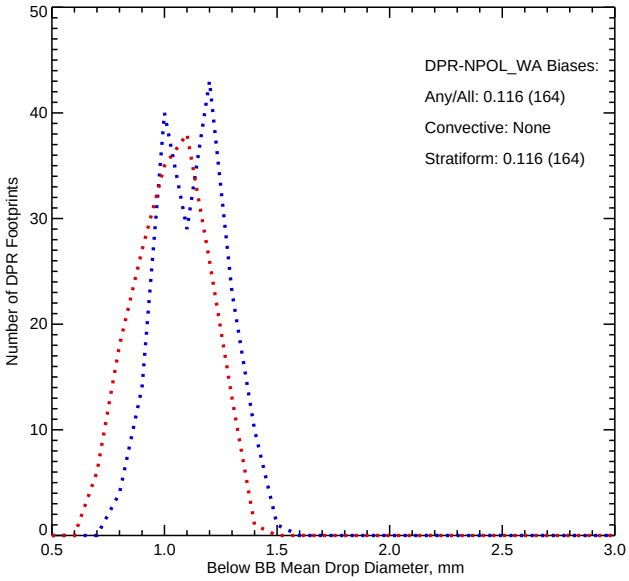
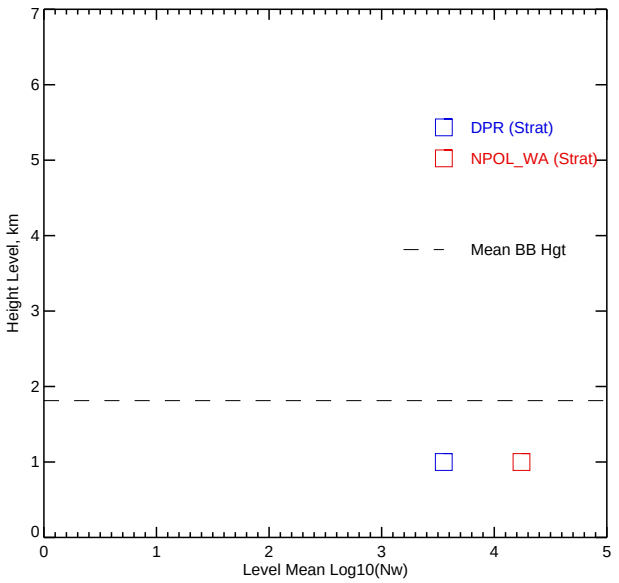
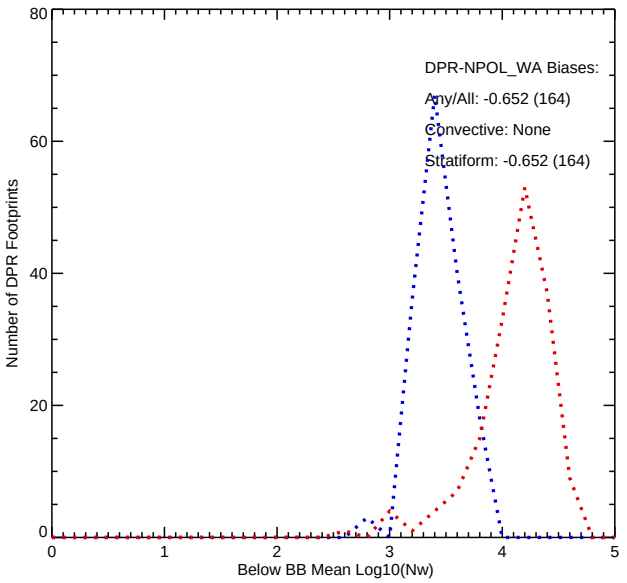












NPOL_WA Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

Orbit: 10019 -- GR Start Time: 2015-12-03 15:18:52

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: NPOL_WA
Orbit: 10019 Version: V04A Swath Type: NS
DPR time = 2015-12-03 15:22:31   GR start time = 2015-12-03 15:18:52
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	-0.303	372	-0.350	370	6.902	2	58.641	35.368	34.868	@ BB
2.0	-2.822	204	-2.894	202	4.941	2	57.345	36.126	39.824	@ BB
3.0	0.357	163	0.316	161	11.753	1	76.776	30.370	32.140	
4.0	0.635	49	0.635	49	-99.999	0	82.229	23.543	24.038	
5.0	1.268	18	1.268	18	-99.999	0	95.977	18.890	18.712	

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	-2.357	164	-2.357	164	-99.999	0	30.720	33.570	35.283

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	0.155	61	0.155	61	-99.999	0	35.073	1.550	1.403	@ 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	0.116	164	0.116	164	-99.999	0	30.720	1.550	1.403

GR NW field is being directly compared to DPR Nw.

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

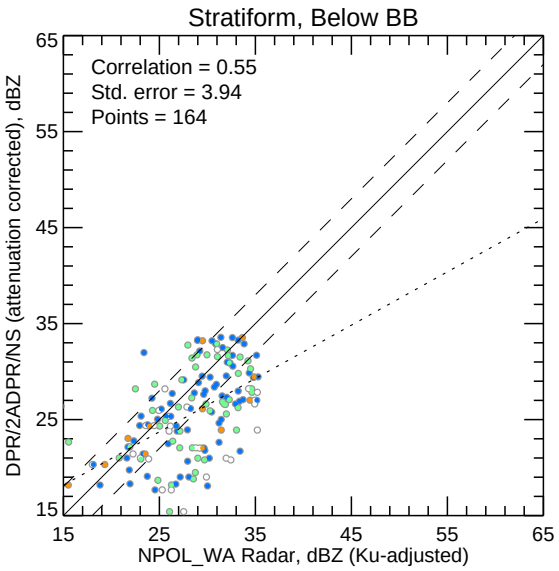
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics			
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw	
1.0	-0.690	61	-0.690	61	-99.999	0	35.073	3.972	4.692	@ BB

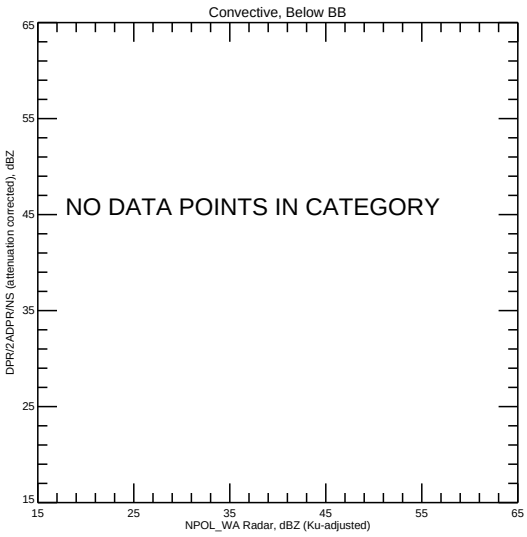
No above-threshold points at height 2.000
No above-threshold points at height 3.000
No above-threshold points at height 4.000
No above-threshold points at height 5.000

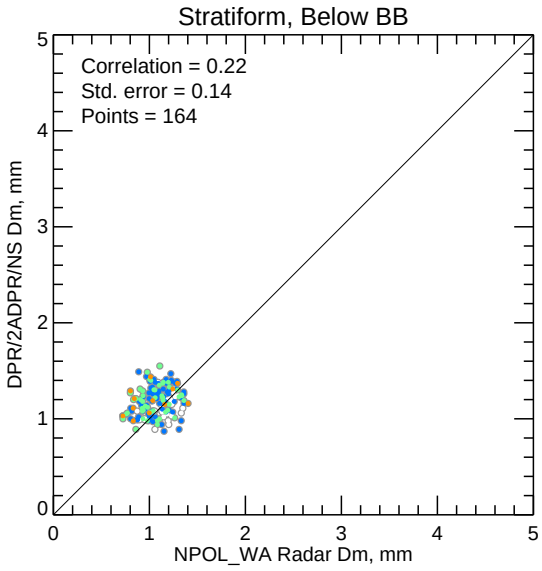
Mean Normalized Intercept Parameter (log10(Nw)) Statistics grouped by proximity to Bright Band:

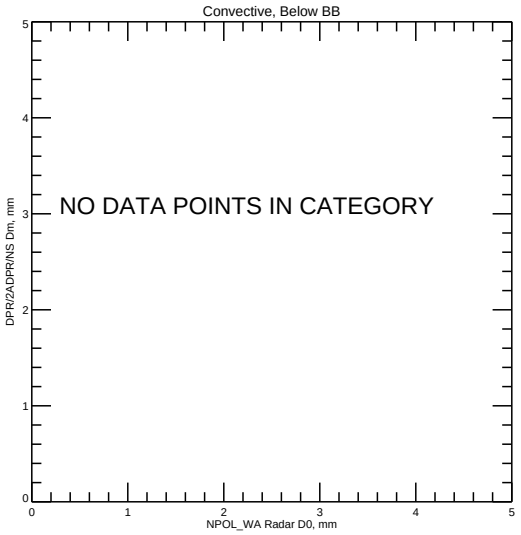
Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics		
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
Below	-0.652	164	-0.652	164	-99.999	0	30.720	3.972	4.692

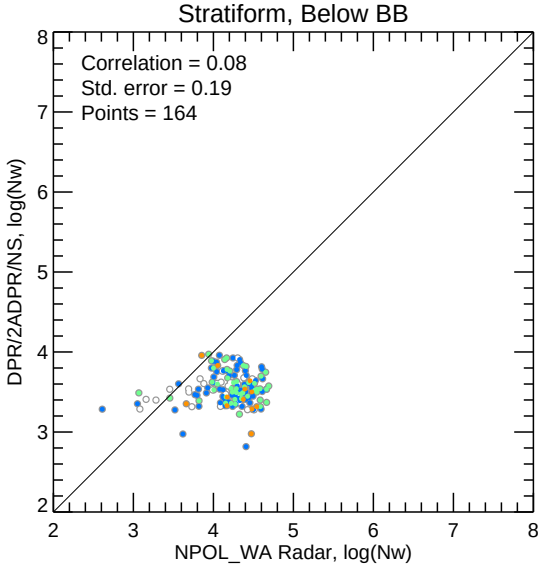
NPOL_WA Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

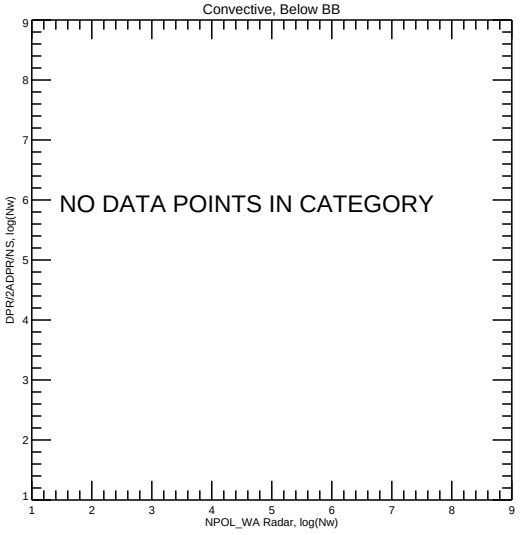




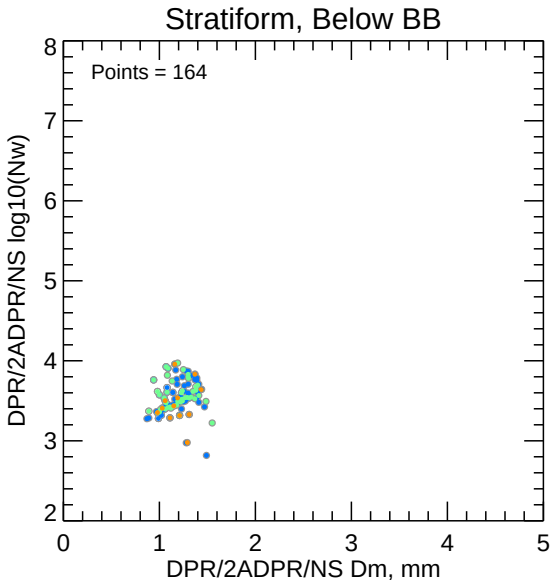


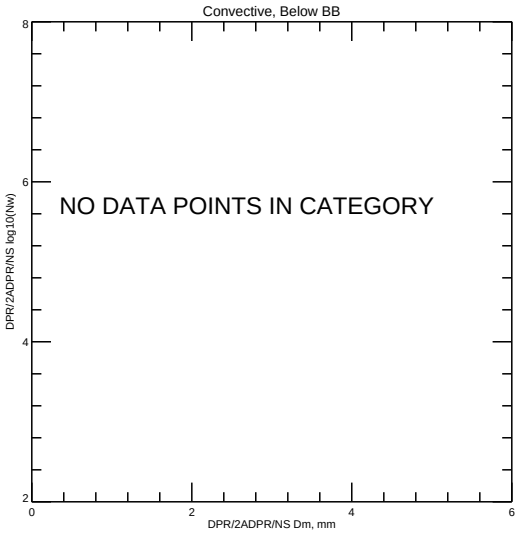


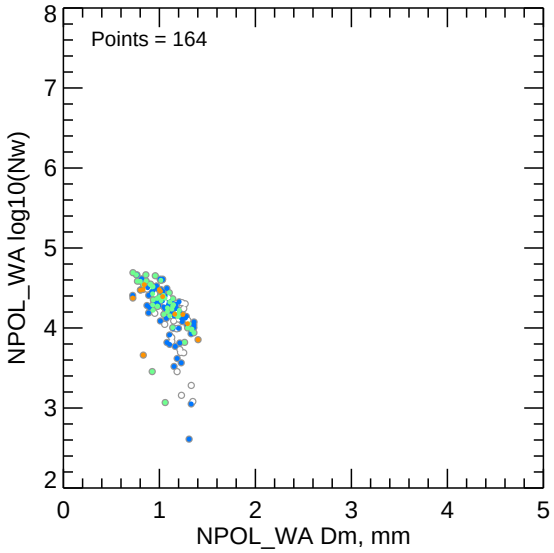


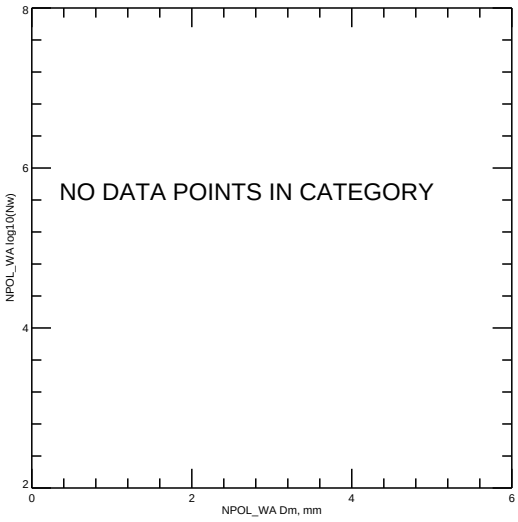


Dm vs. log10(Nw) for DPR 2ADPR/NS/V04A and NPOL_WA -- All non-missing pairs

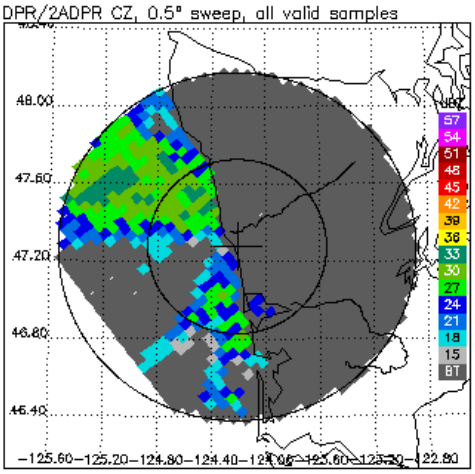




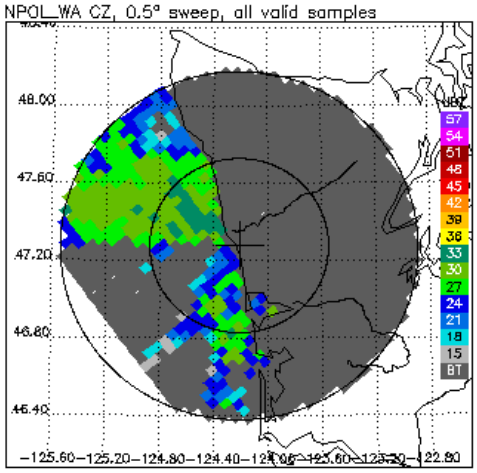




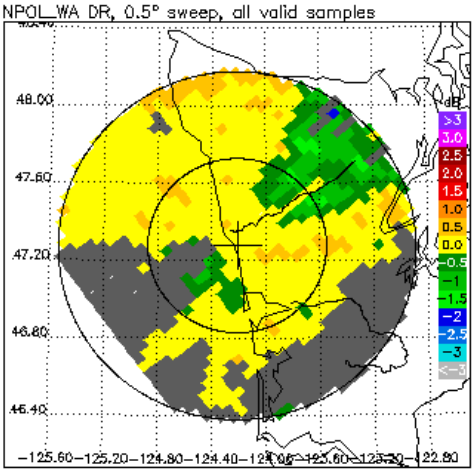
DPR/2ADPR CZ, 0.5° sweep, all valid samples



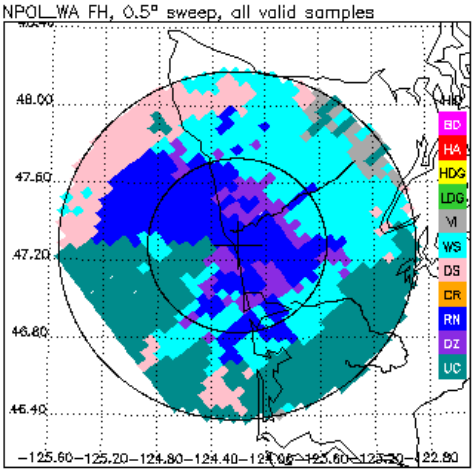
NPOL_WA CZ, 0.5° sweep, all valid samples



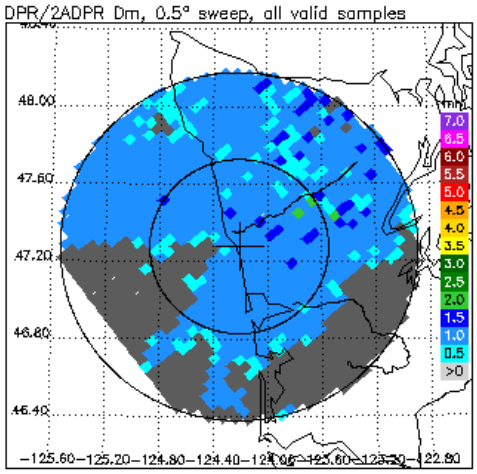
NPOL_WA DR, 0.5° sweep, all valid samples



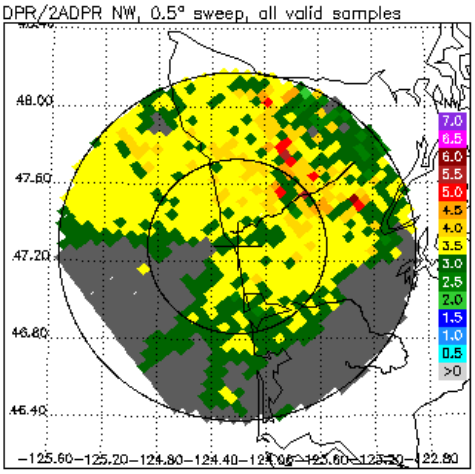
NPOL_WA FH, 0.5° sweep, all valid samples



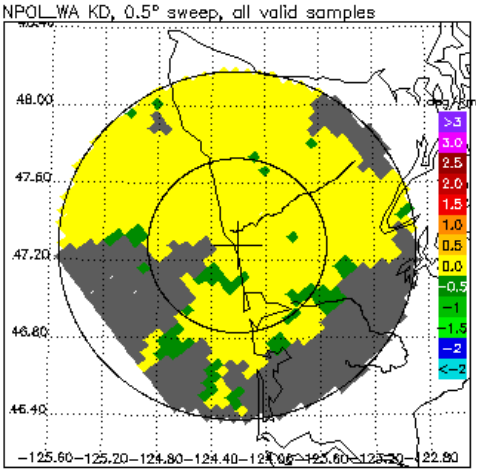
DPR/2ADPR Dm, 0.5° sweep, all valid samples



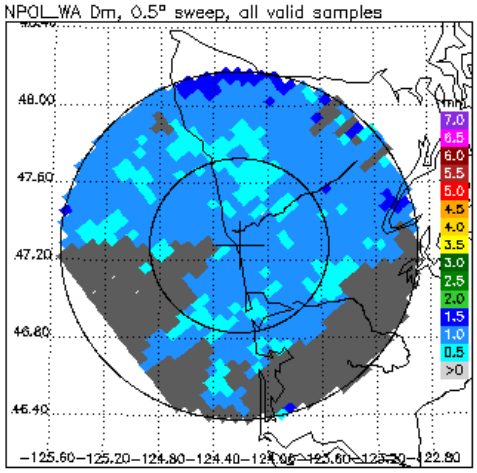
DPR/2ADPR NW, 0.5° sweep, all valid samples



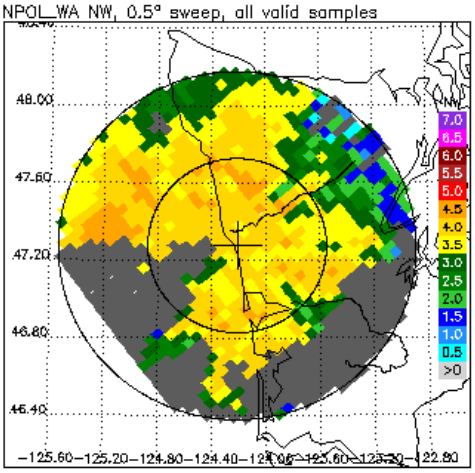
NPOL_WA KD, 0.5° sweep, all valid samples



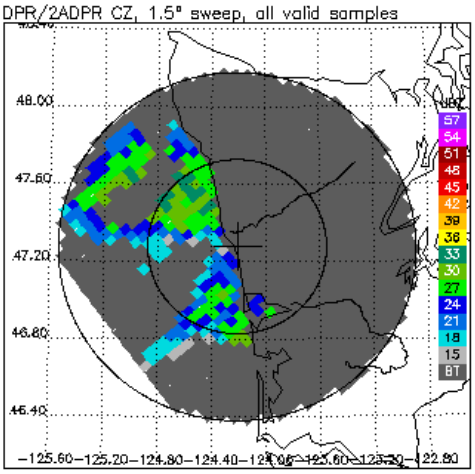
NPOL_WA Dm, 0.5° sweep, all valid samples



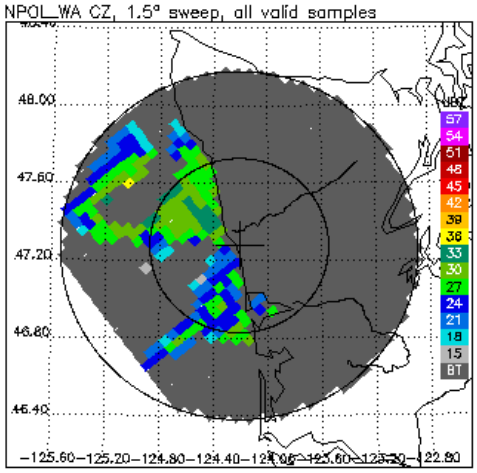
NPOL_WA NW, 0.5° sweep, all valid samples



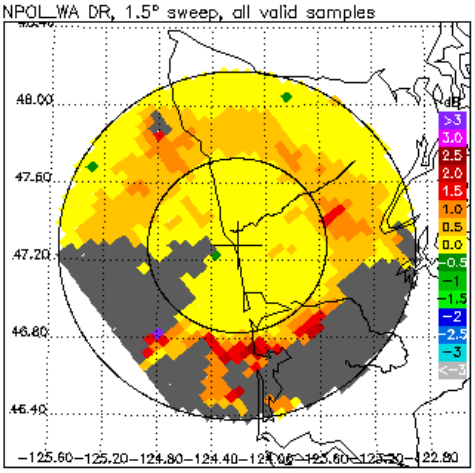
DPR/2ADPR CZ, 1.5° sweep, all valid samples



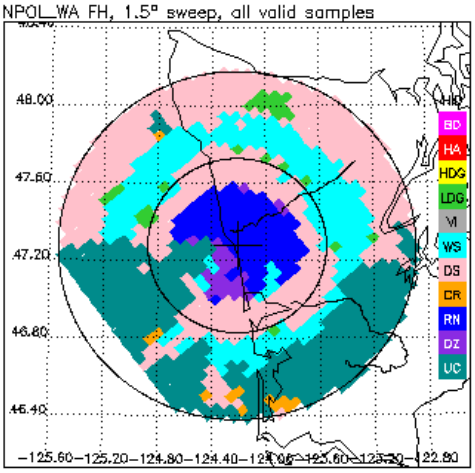
NPOL_WA CZ, 1.5° sweep, all valid samples



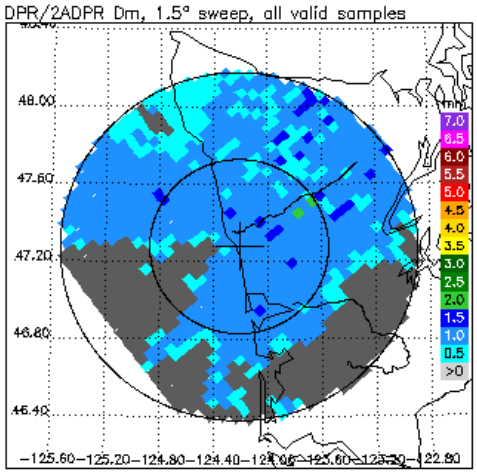
NPOL_WA DR, 1.5° sweep, all valid samples



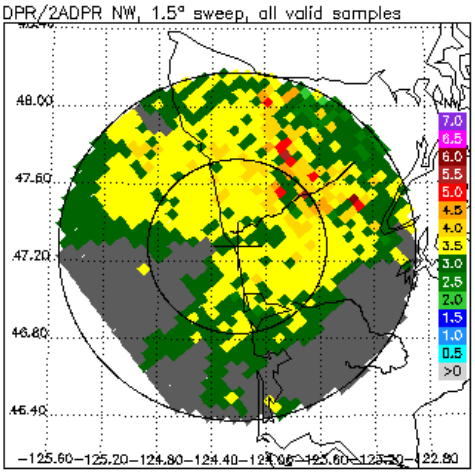
NPOL_WA FH, 1.5° sweep, all valid samples



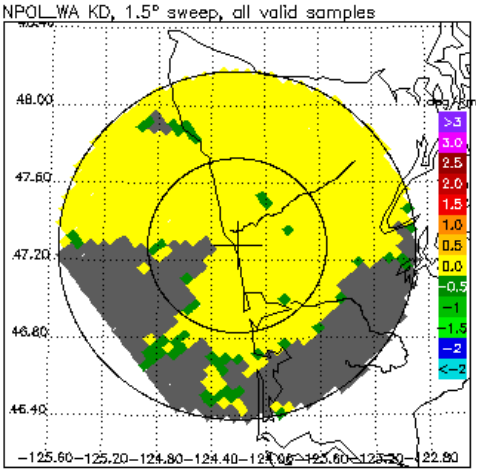
DPR/2ADPR Dm, 1.5° sweep, all valid samples



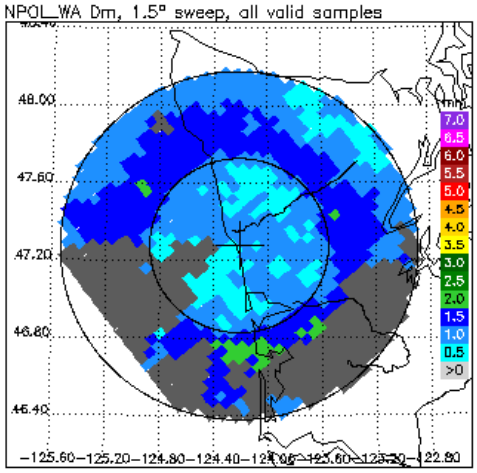
DPR/2ADPR NW, 1.5° sweep, all valid samples



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