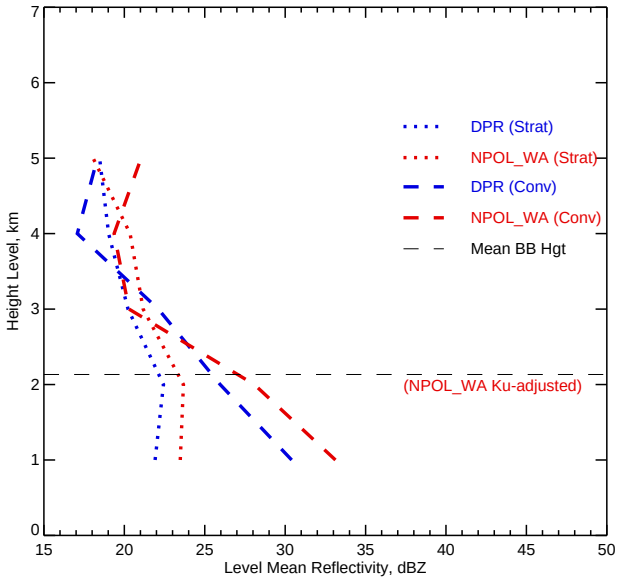
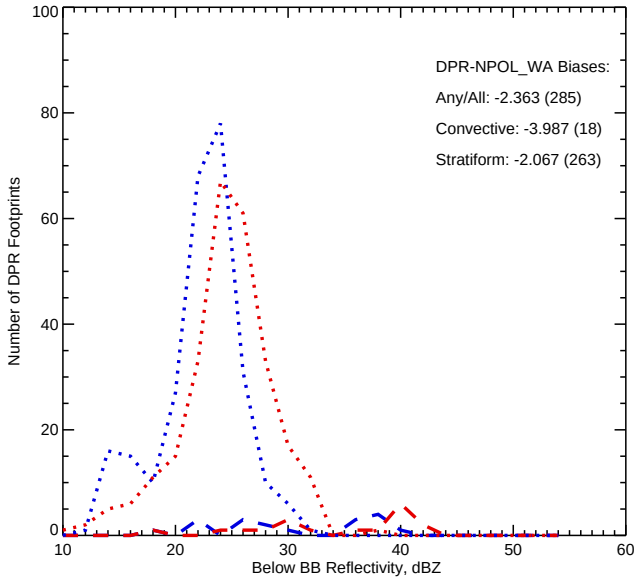
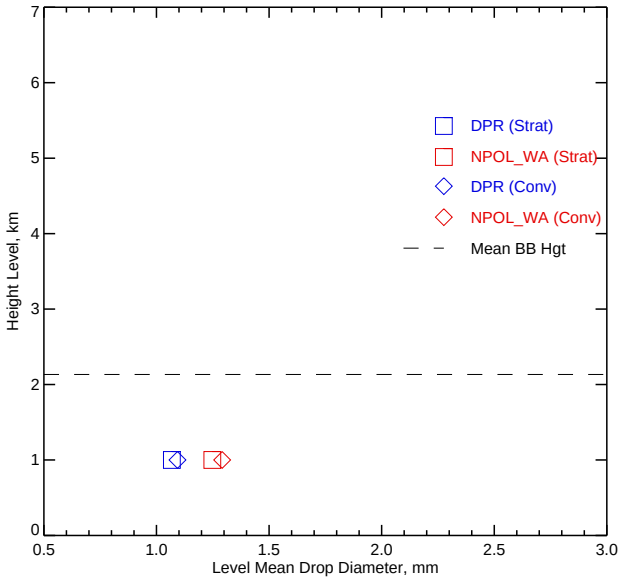
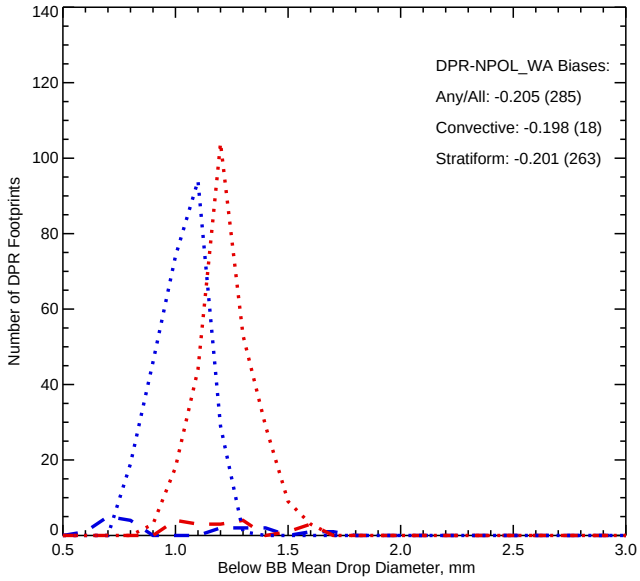
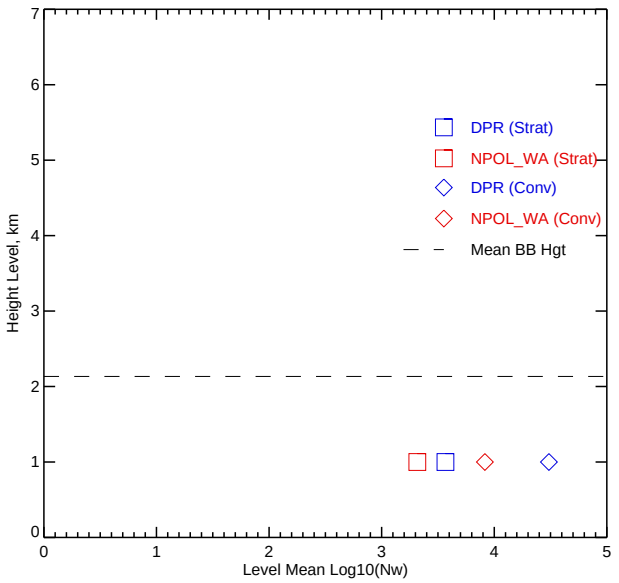
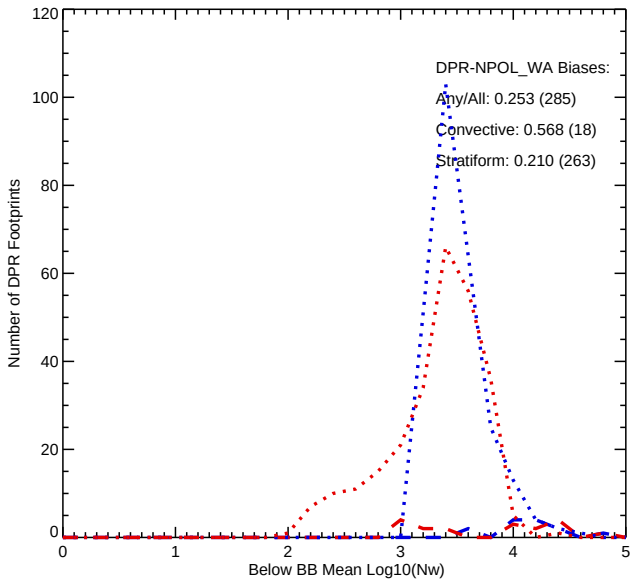












NPOL_WA Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

Orbit: 9773 -- GR Start Time: 2015-11-17 19:57:47

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: NPOL_WA
Orbit: 9773 Version: V04A Swath Type: NS
DPR time = 2015-11-17 20:01:44   GR start time = 2015-11-17 19:57:47
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	-1.687	462	-1.567	424	-2.718	34	58.726	40.924	43.488	
2.0	-1.379	241	-1.241	208	-2.126	31	59.951	35.353	35.657	@ BB
3.0	-0.788	186	-0.936	170	1.820	15	77.872	30.165	36.071	@ BB
4.0	-1.212	67	-1.333	60	-2.288	1	82.442	25.167	26.767	
5.0	-0.103	19	0.404	17	-2.715	1	95.087	20.328	23.028	

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	-2.363	285	-2.067	263	-3.987	18	34.888	40.924	42.350

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	-0.185	177	-0.179	157	-0.198	18	40.195	1.782	1.669

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	-0.205	285	-0.201	263	-0.198	18	34.888	1.782	1.669

GR NW field is being directly compared to DPR Nw.

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

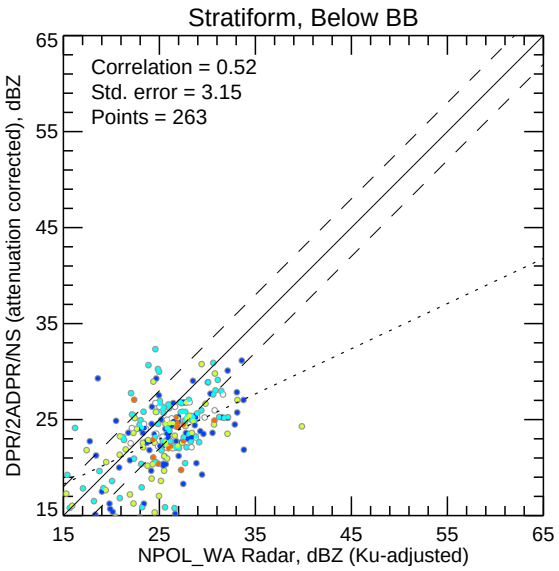
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics		
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
1.0	0.301	177	0.250	157	0.568	18	40.195	5.464	4.816

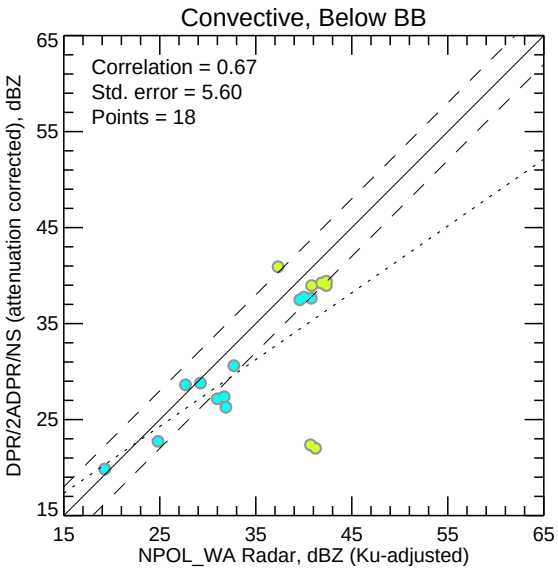
No above-threshold points at height 2.000
No above-threshold points at height 3.000
No above-threshold points at height 4.000
No above-threshold points at height 5.000

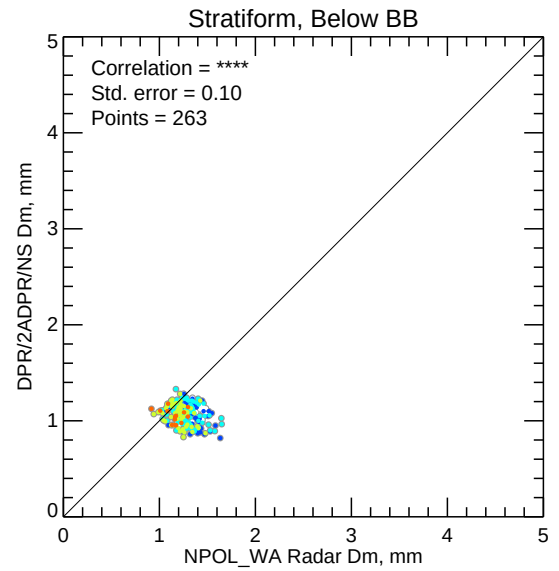
Mean Normalized Intercept Parameter (log10(Nw)) Statistics grouped by proximity to Bright Band:

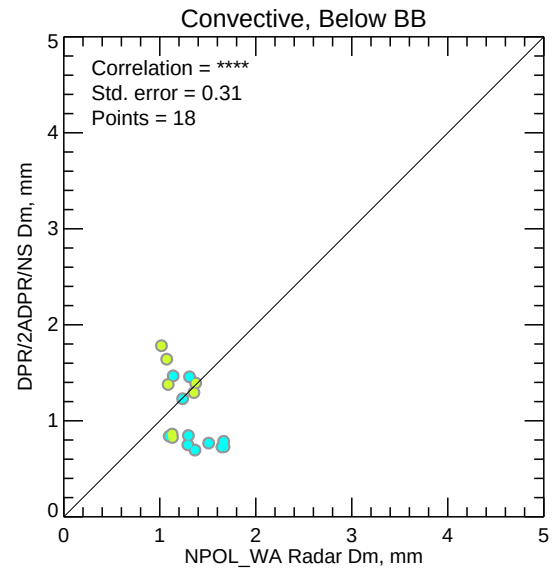
Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics		
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
Below	0.253	285	0.210	263	0.568	18	34.888	5.464	4.816

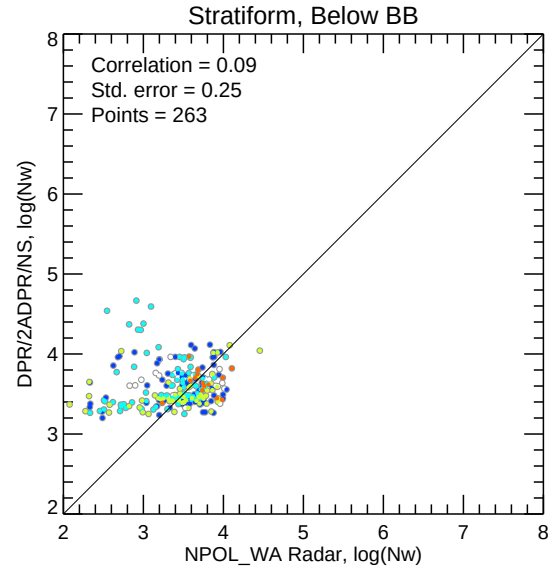
NPOL_WA Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

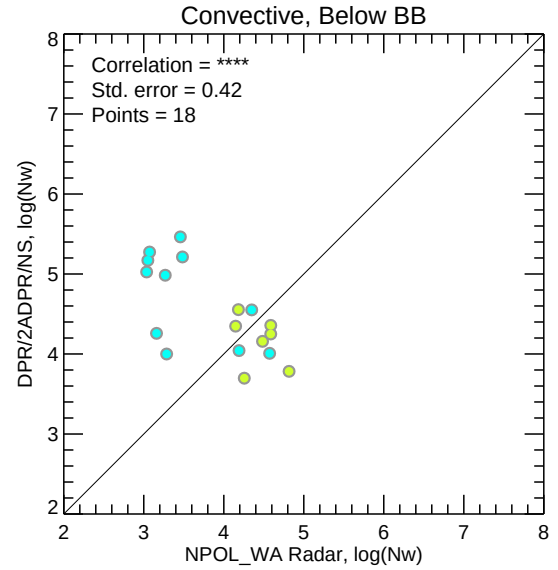




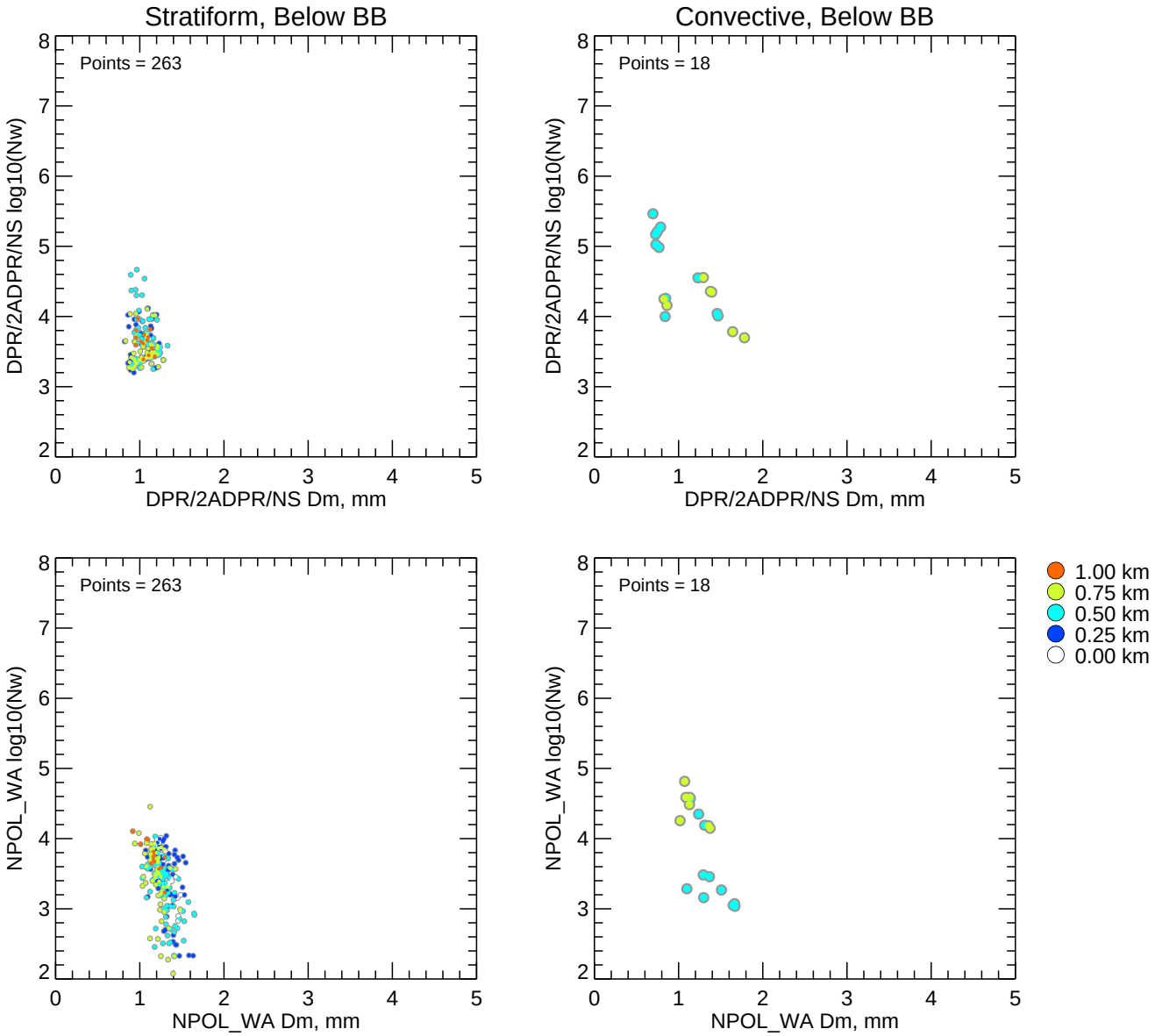




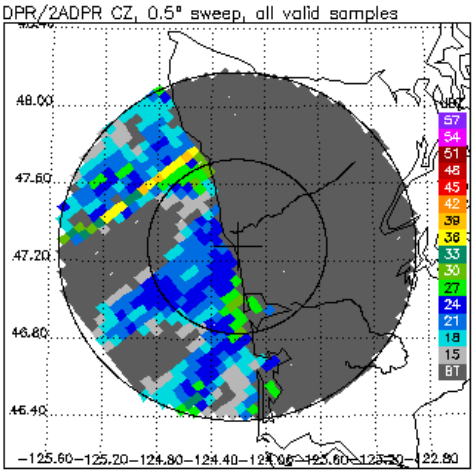




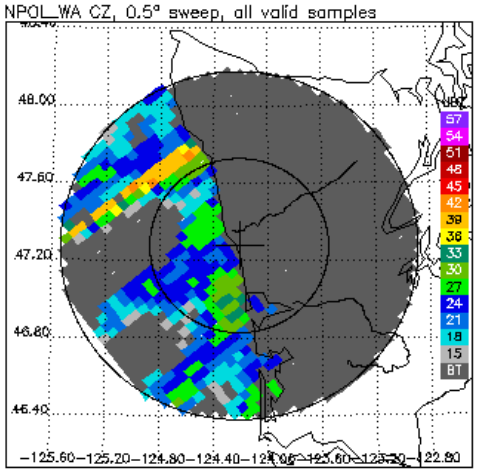
Dm vs. log10(Nw) for DPR 2ADPR/NS/V04A and NPOL_WA -- All non-missing pairs



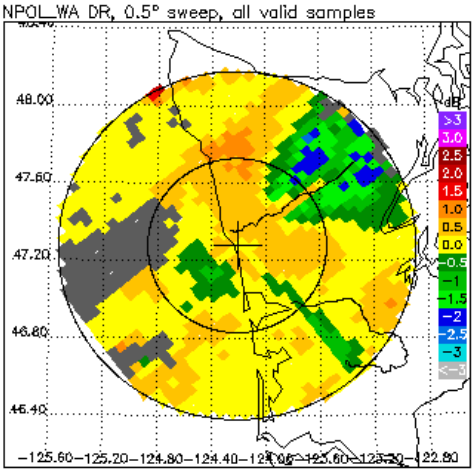
DPR/2ADPR CZ, 0.5° sweep, all valid samples



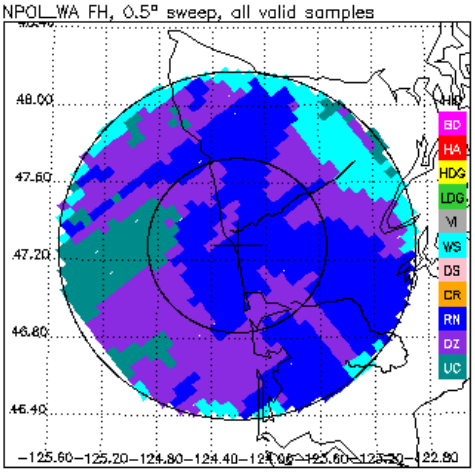
NPOL_WA CZ, 0.5° sweep, all valid samples



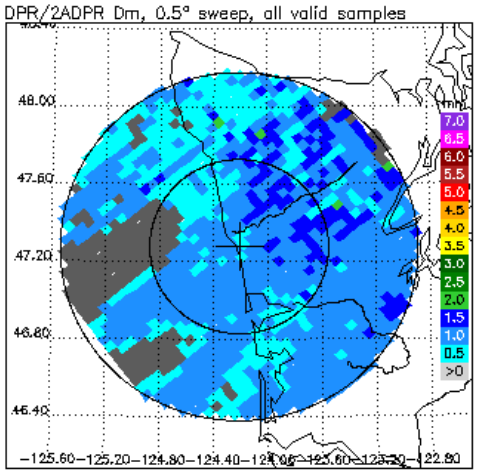
NPOL_WA DR, 0.5° sweep, all valid samples



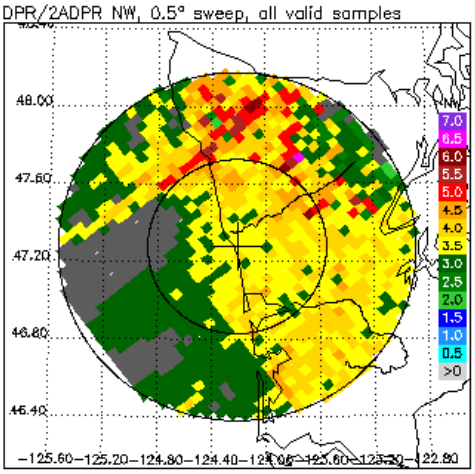
NPOL_WA FH, 0.5° sweep, all valid samples



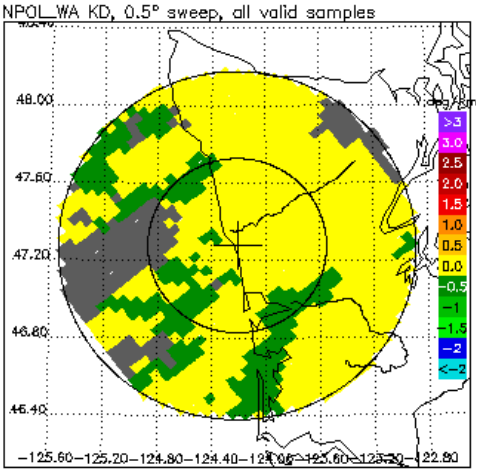
DPR/2ADPR Dm, 0.5° sweep, all valid samples



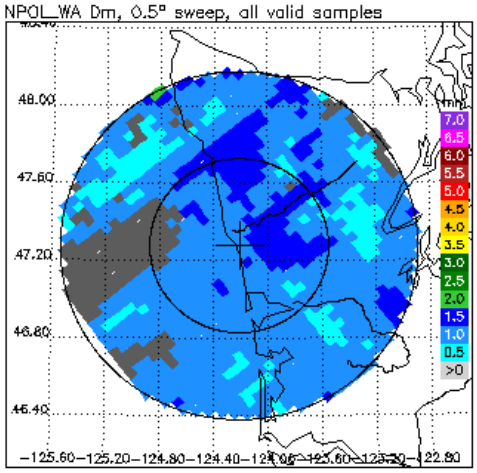
DPR/2ADPR NW, 0.5° sweep, all valid samples



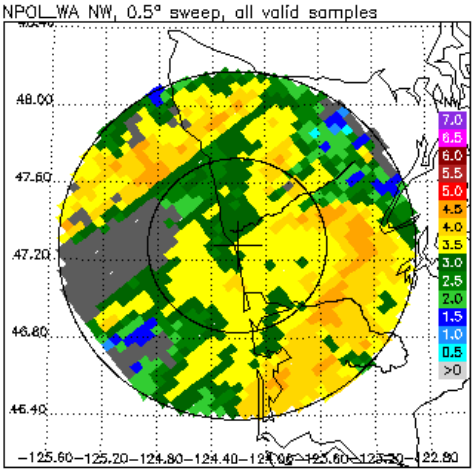
NPOL_WA KD, 0.5° sweep, all valid samples



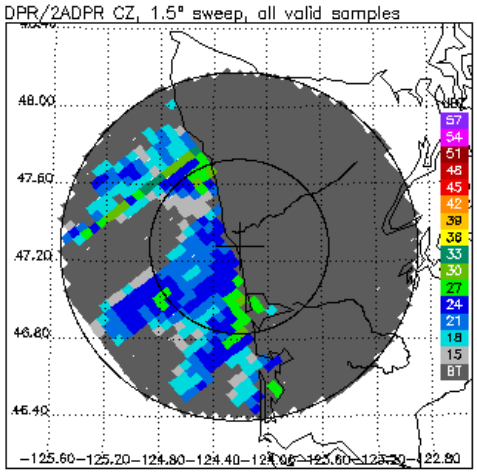
NPOL_WA Dm, 0.5° sweep, all valid samples



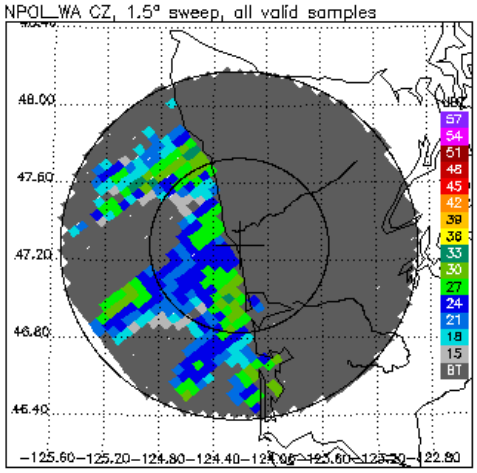
NPOL_WA NW, 0.5° sweep, all valid samples



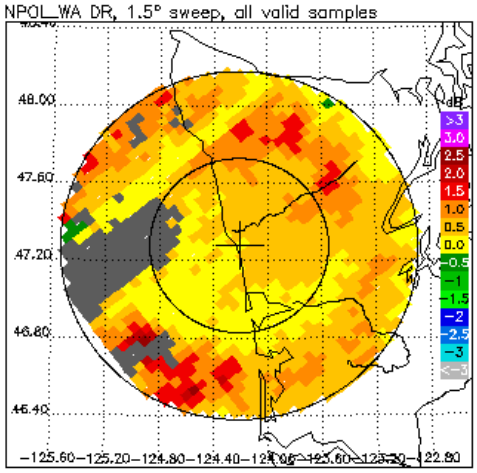
DPR/2ADPR CZ, 1.5° sweep, all valid samples



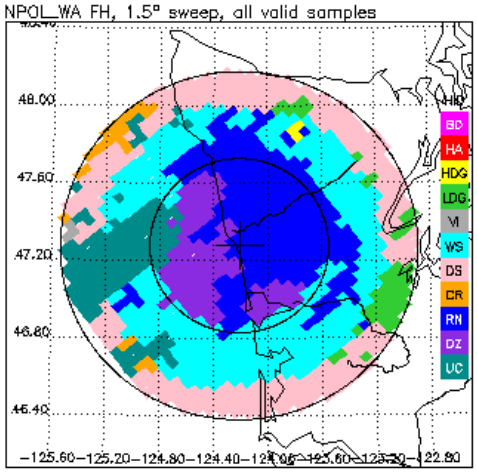
NPOL_WA CZ, 1.5° sweep, all valid samples



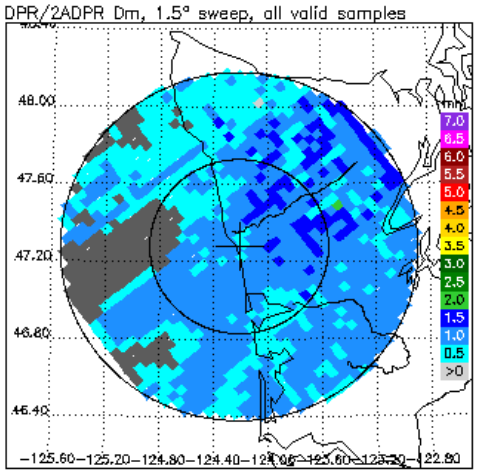
NPOL_WA DR, 1.5° sweep, all valid samples



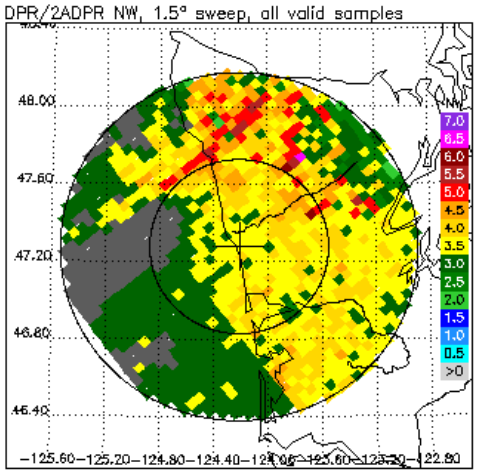
NPOL_WA FH, 1.5° sweep, all valid samples



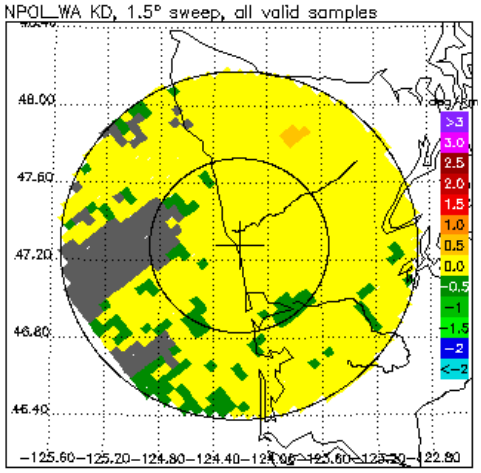
DPR/2ADPR Dm, 1.5° sweep, all valid samples



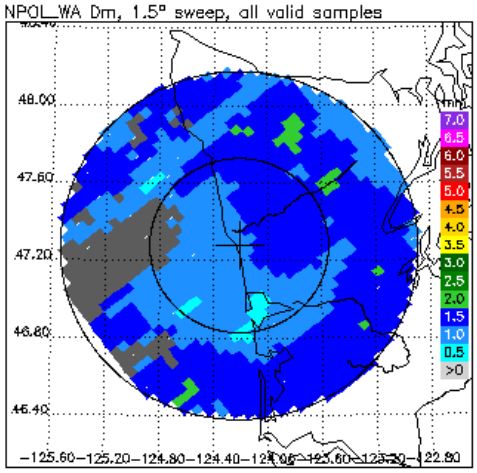
DPR/2ADPR NW, 1.5° sweep, all valid samples



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