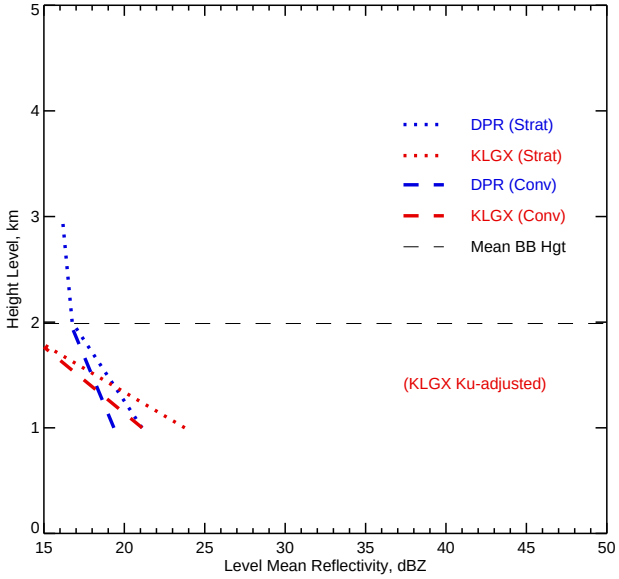
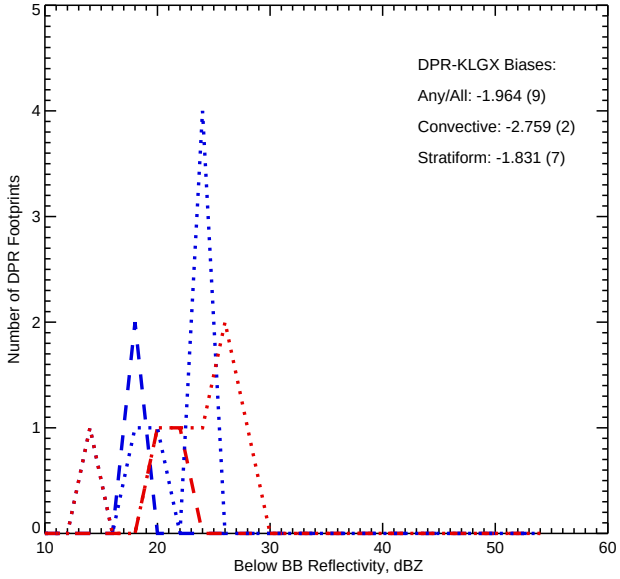
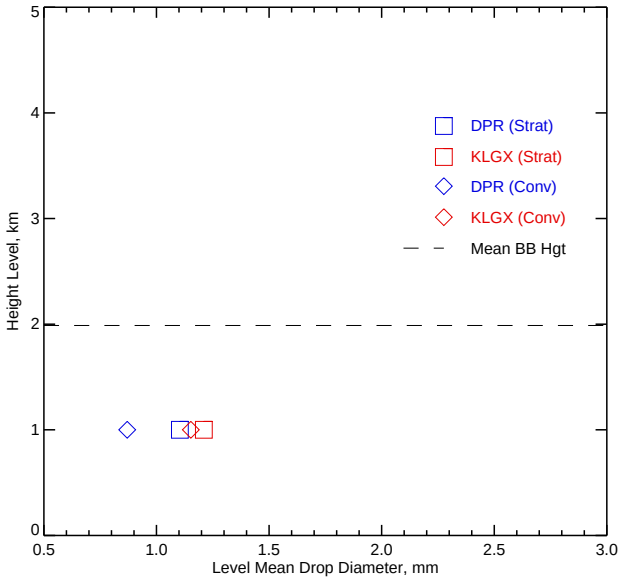
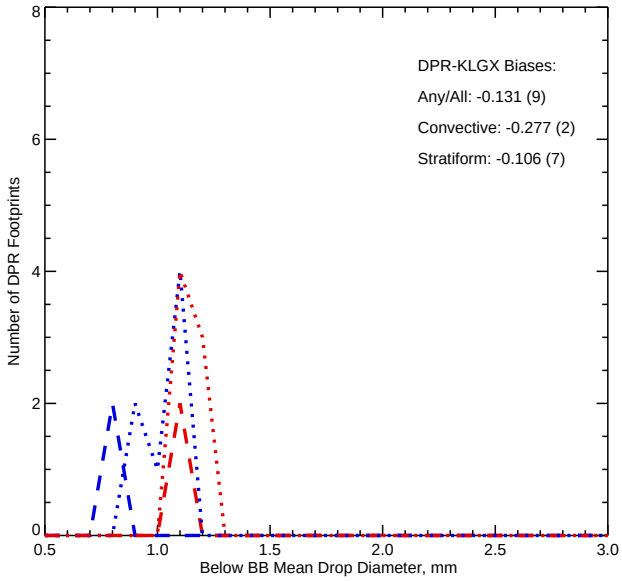
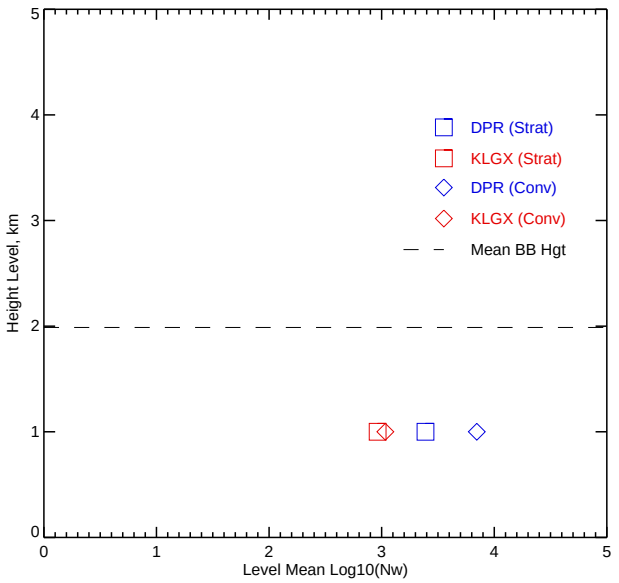
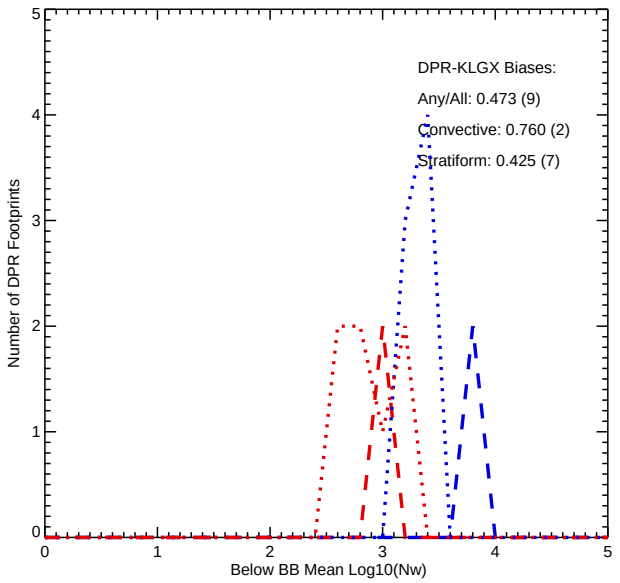












KLGX Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

Orbit: 9476 -- GR Start Time: 2015-10-29 17:31:44

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: KLGX
Orbit: 9476 Version: V04A Swath Type: NS
DPR time = 2015-10-29 17:34:37   GR start time = 2015-10-29 17:31:44
Required percent of above-threshold DPR and GR bins in matched volumes >= 0%
Filtering by GR_blockage 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	-2.600	18	-2.660	16	-1.761	2	80.818	24.850	28.703	@ BB
2.0	3.779	2	4.122	1	3.500	1	63.464	16.757	13.119	@ BB
3.0	5.833	1	5.833	1	-99.999	0	88.322	16.140	10.307	

No above-threshold points at height 4.000

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	-1.964	9	-1.831	7	-2.759	2	75.341	24.850	28.703	

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	-0.120	8	-0.106	7	-0.283	1	78.668	1.190	1.257	@ 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

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	-0.131	9	-0.106	7	-0.277	2	75.341	1.190	1.257

GR NW field is being directly compared to DPR Nw.

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

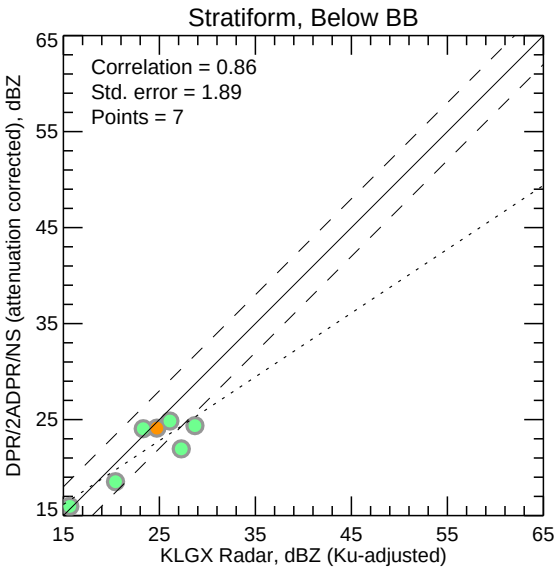
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics			
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw	
1.0	0.455	8	0.425	7	0.813	1	78.668	3.845	3.341	@ BB

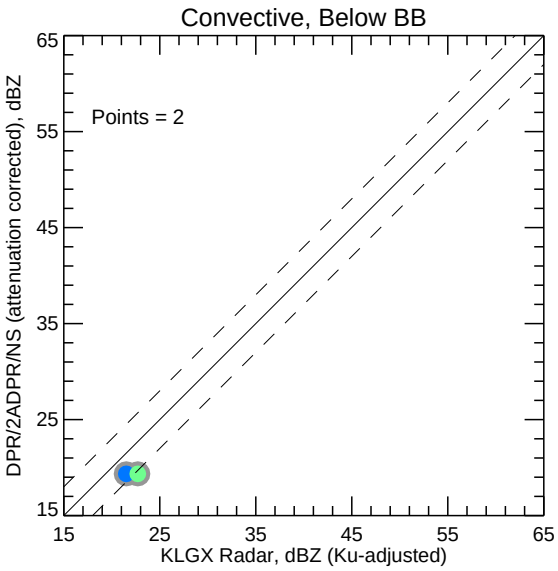
No above-threshold points at height 2.000
No above-threshold points at height 3.000
No above-threshold points at height 4.000

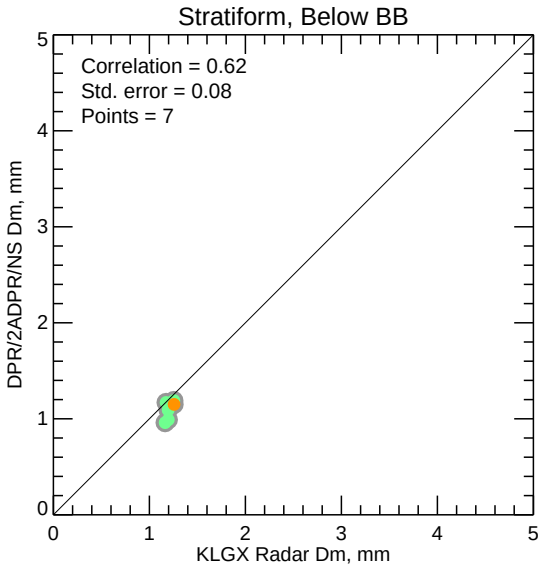
Mean Normalized Intercept Parameter (log10(Nw)) Statistics grouped by proximity to Bright Band:

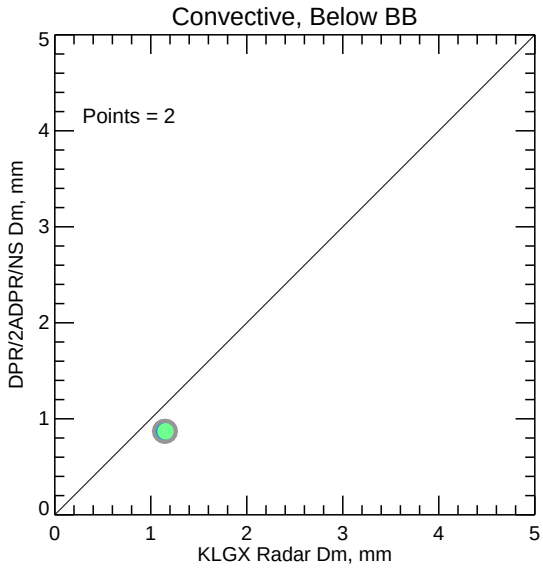
Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics		
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
Below	0.473	9	0.425	7	0.760	2	75.341	3.845	3.341

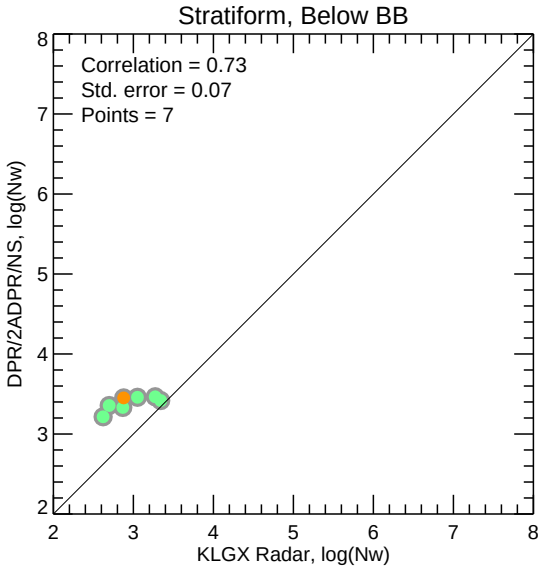
KLGX Ku-adjusted DSD vs. DPR 2ADPR/NS/V04A -- All non-missing pairs

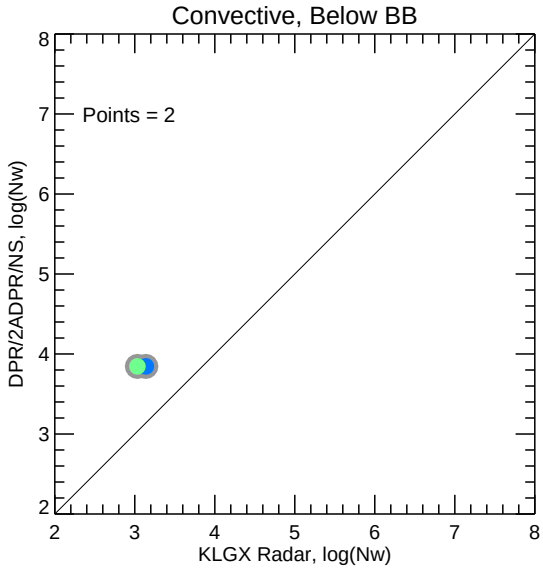




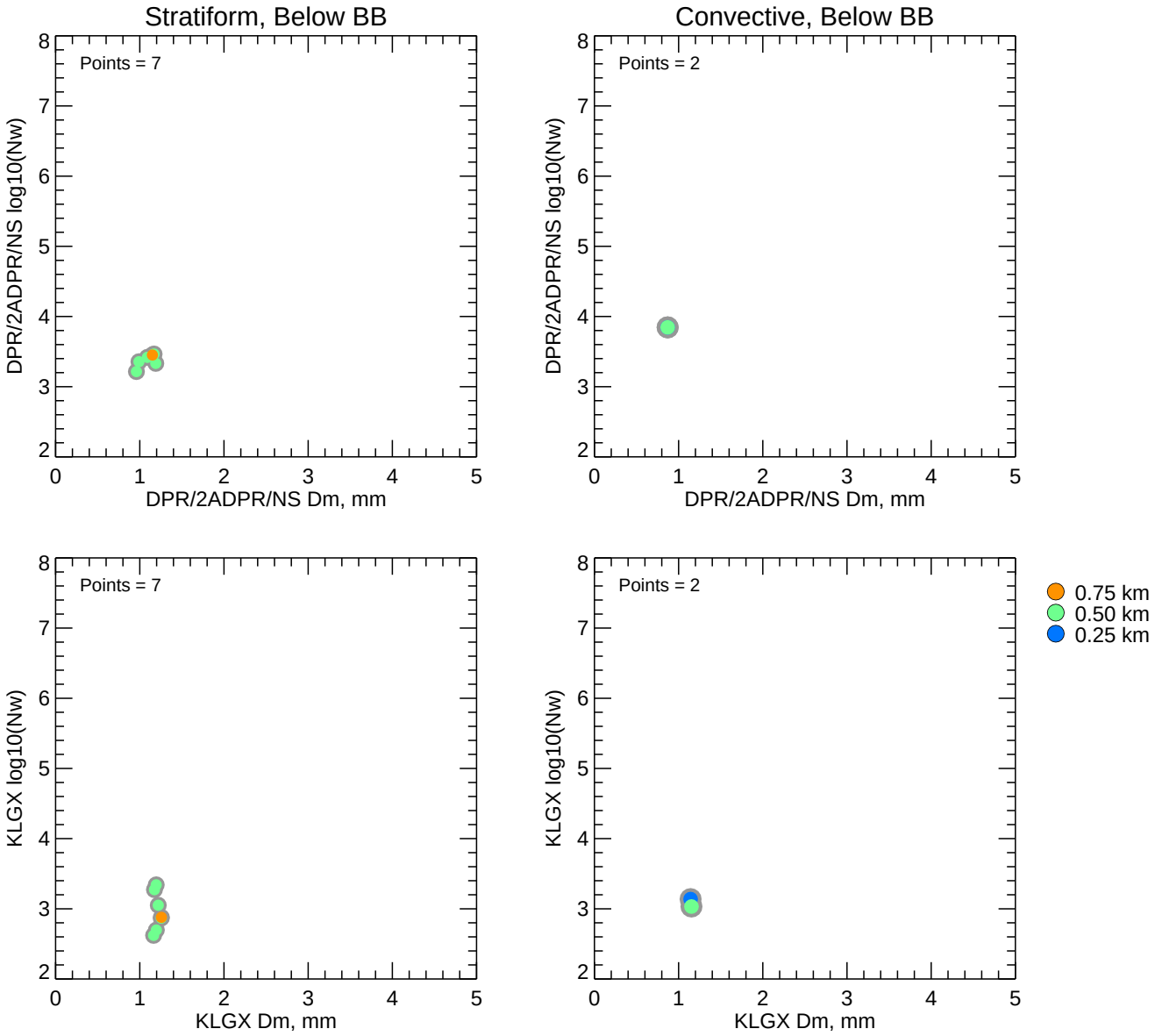




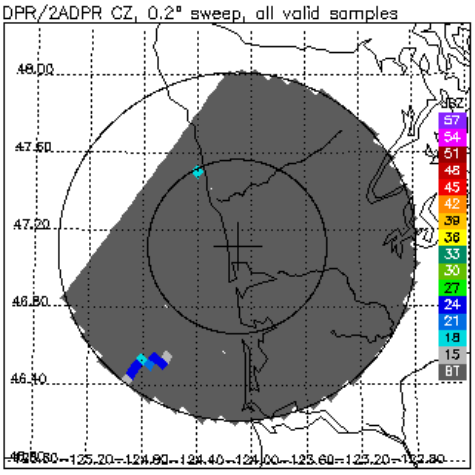




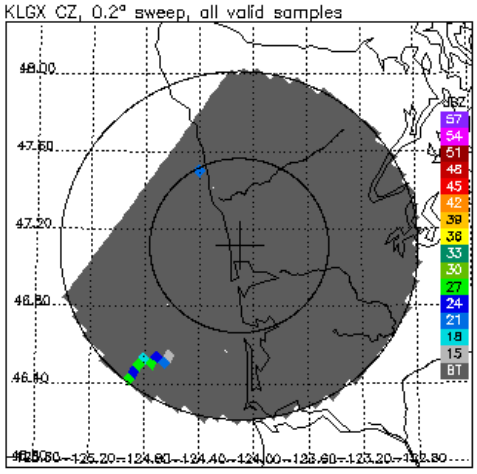
Dm vs. log10(Nw) for DPR 2ADPR/NS/V04A and KLGX -- All non-missing pairs



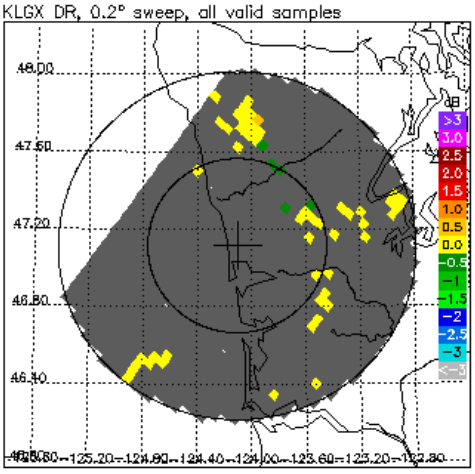
DPR/2ADPR CZ, 0.2° sweep, all valid samples



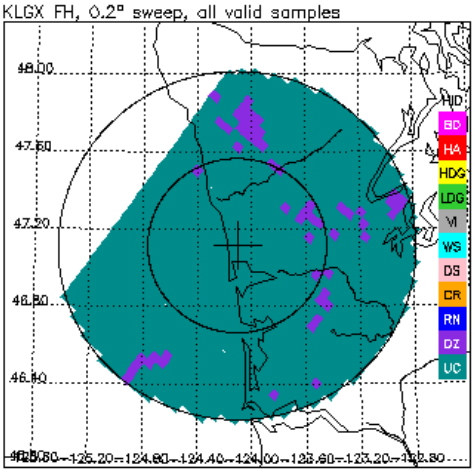
KLGX CZ, 0.2° sweep, all valid samples



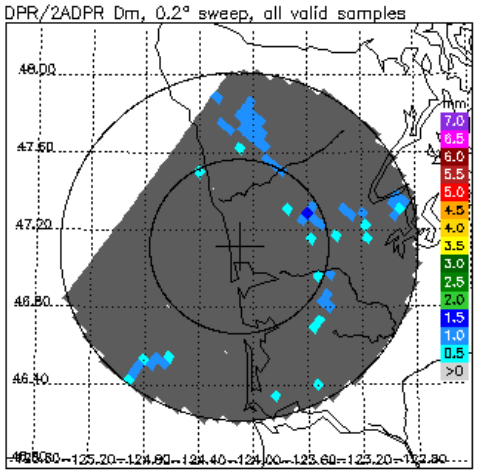
KLGX DR, 0.2° sweep, all valid samples



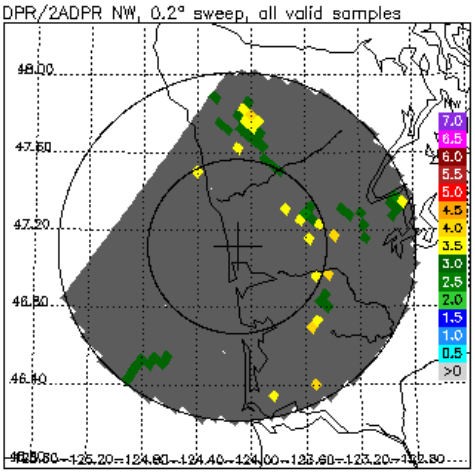
KLGX FH, 0.2° sweep, all valid samples



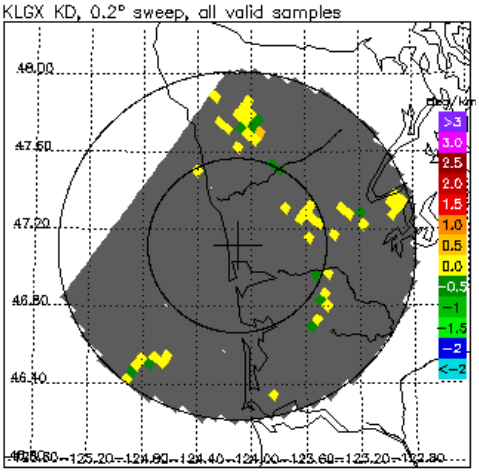
DPR/2ADPR Dm, 0.2° sweep, all valid samples



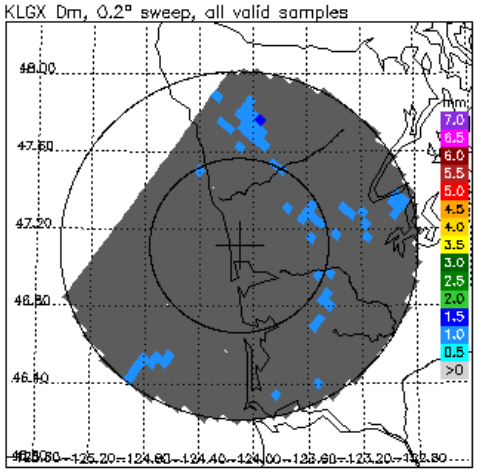
DPR/2ADPR NW, 0.2° sweep, all valid samples



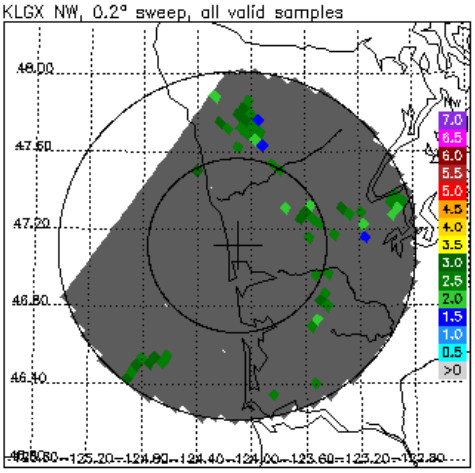
KLGX KD, 0.2° sweep, all valid samples



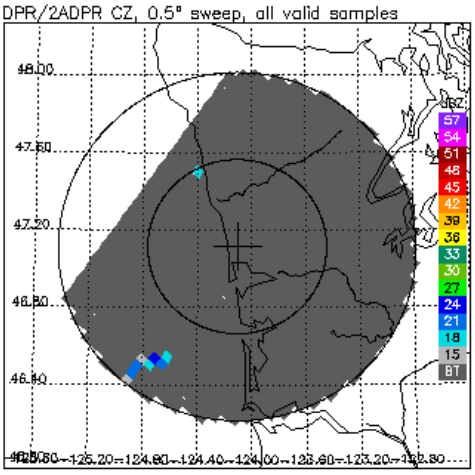
KLGX Dm, 0.2° sweep, all valid samples



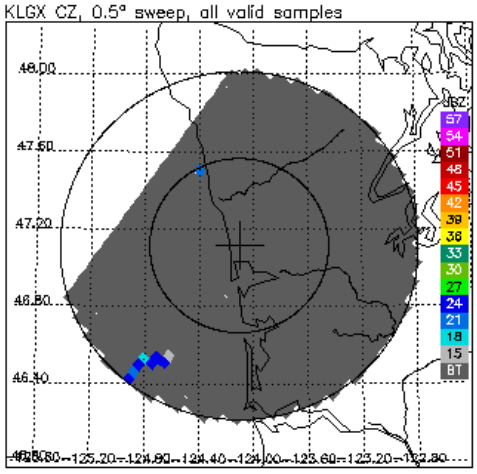
KLGX NW, 0.2° sweep, all valid samples



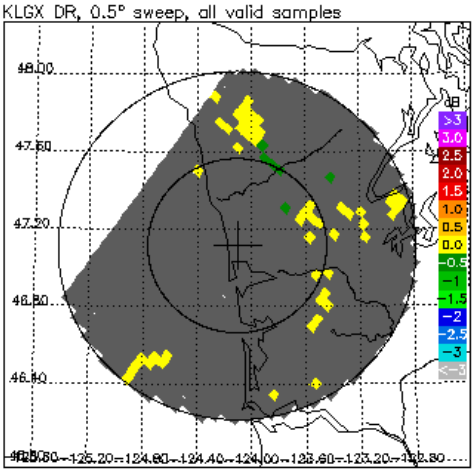
DPR/2ADPR CZ, 0.5° sweep, all valid samples



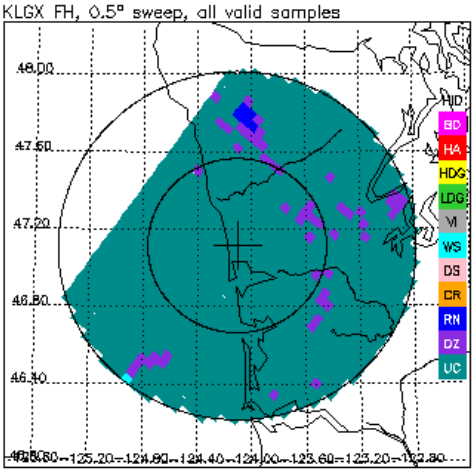
KLGX CZ, 0.5° sweep, all valid samples



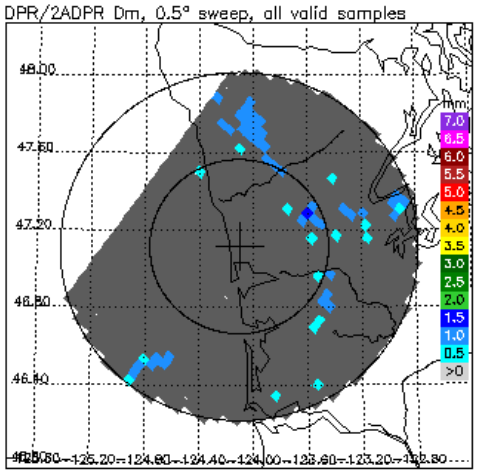
KLGX DR, 0.5° sweep, all valid samples



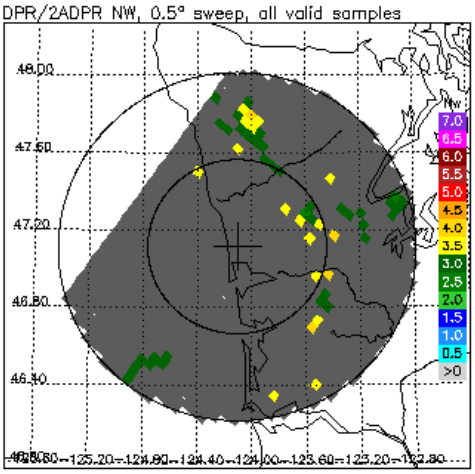
KLGX FH, 0.5° sweep, all valid samples



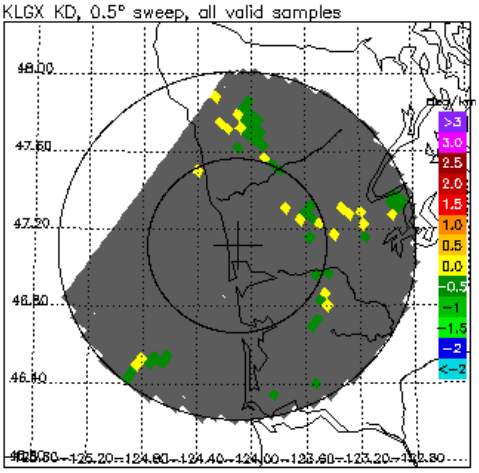
DPR/2ADPR Dm, 0.5° sweep, all valid samples



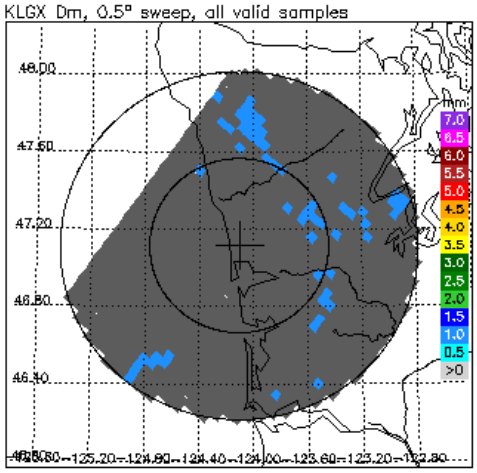
DPR/2ADPR NW, 0.5° sweep, all valid samples



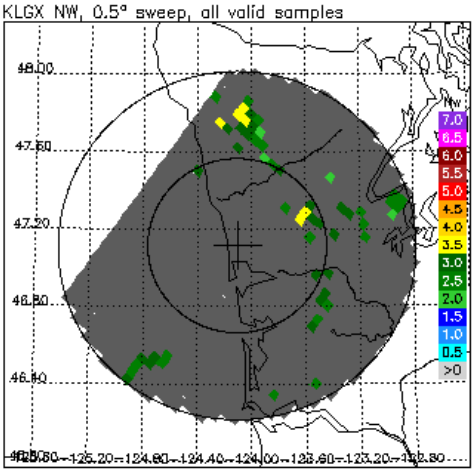
KLGX KD, 0.5° sweep, all valid samples



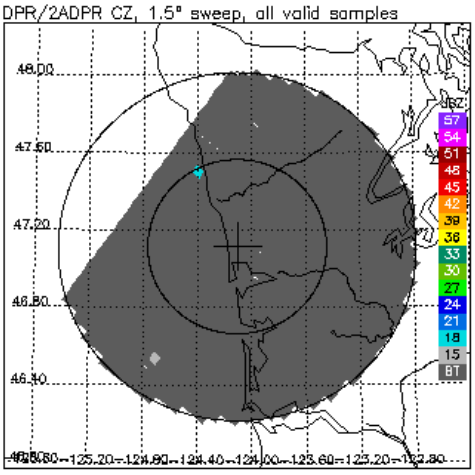
KLGX Dm, 0.5° sweep, all valid samples



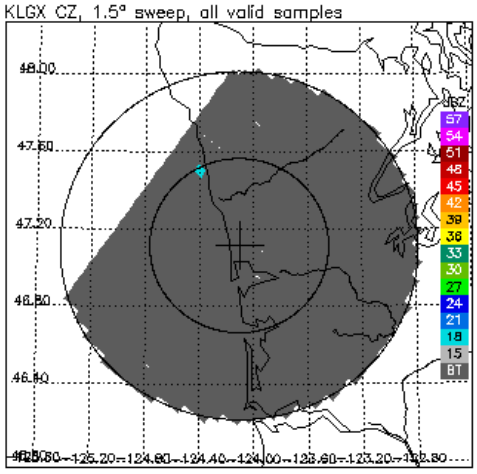
KLGX NW, 0.5° sweep, all valid samples



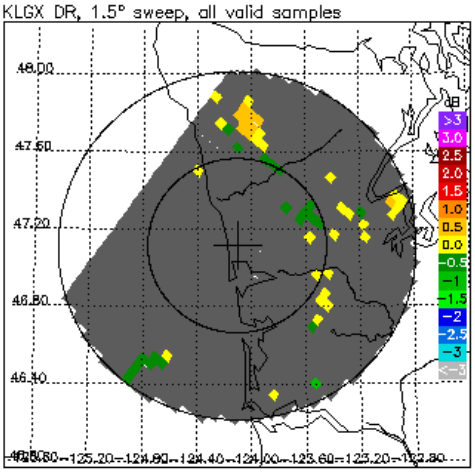
DPR/2ADPR CZ, 1.5° sweep, all valid samples



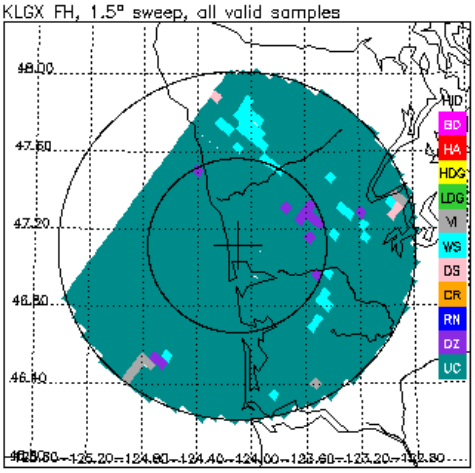
KLGX CZ, 1.5° sweep, all valid samples



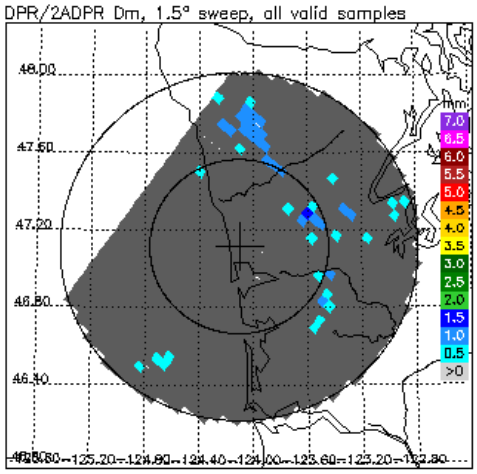
KLGX DR, 1.5° sweep, all valid samples



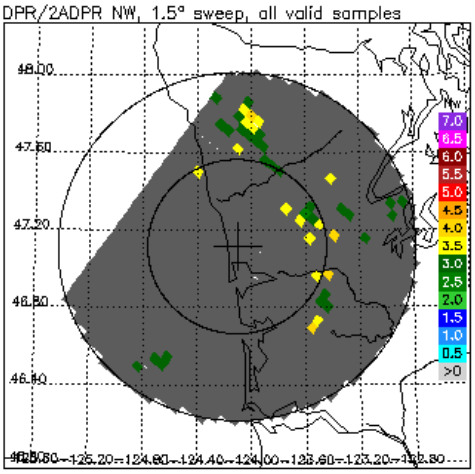
KLGX FH, 1.5° sweep, all valid samples



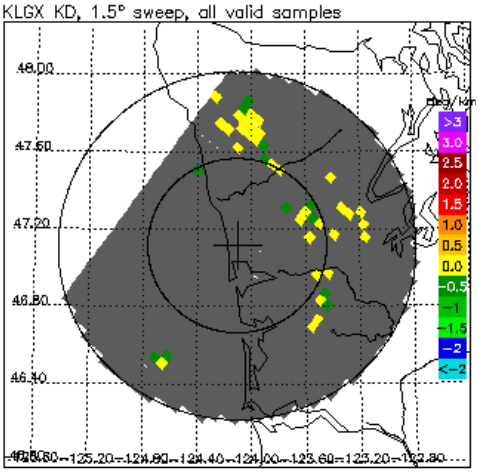
DPR/2ADPR Dm, 1.5° sweep, all valid samples



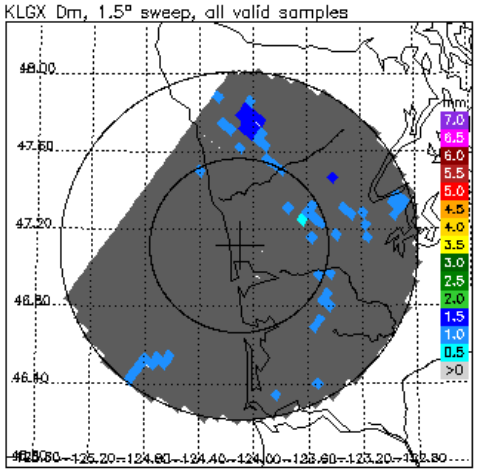
DPR/2ADPR NW, 1.5° sweep, all valid samples



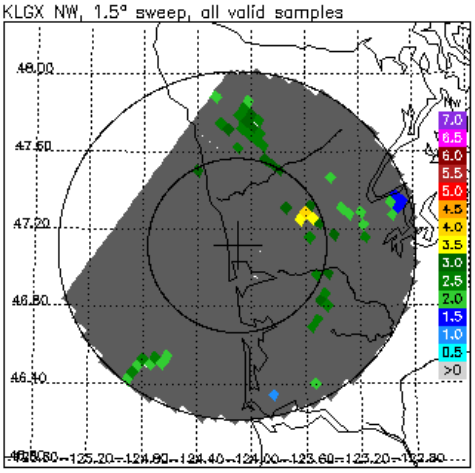
KLGX KD, 1.5° sweep, all valid samples



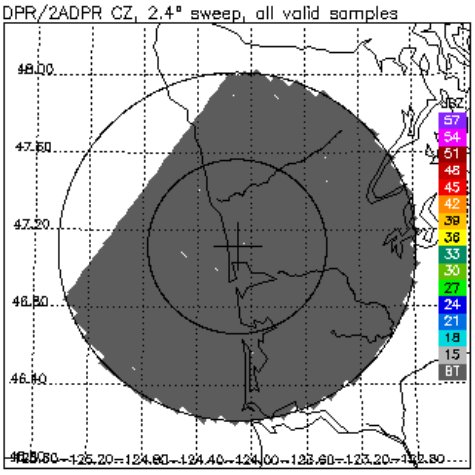
KLGX Dm, 1.5° sweep, all valid samples



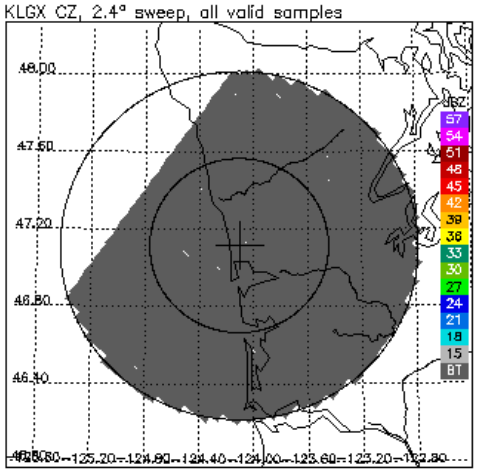
KLGX NW, 1.5° sweep, all valid samples



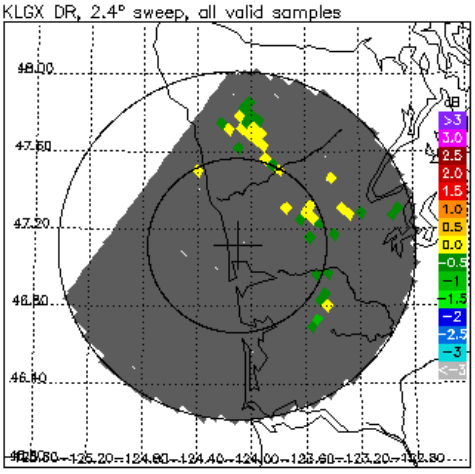
DPR/2ADPR CZ, 2.4° sweep, all valid samples



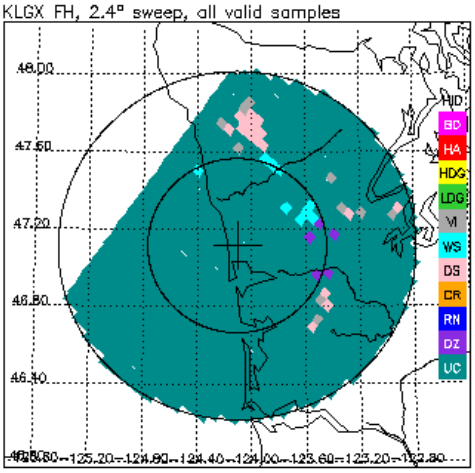
KLGX CZ, 2.4° sweep, all valid samples



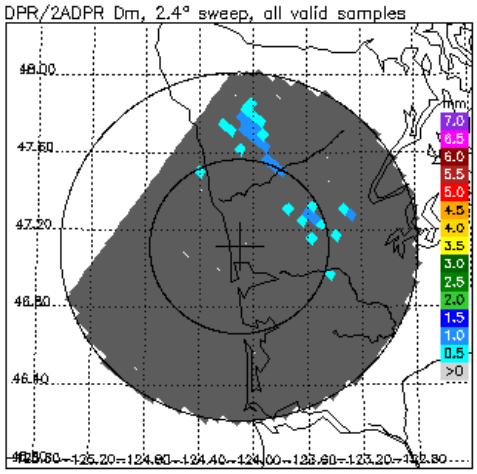
KLGX DR, 2.4° sweep, all valid samples



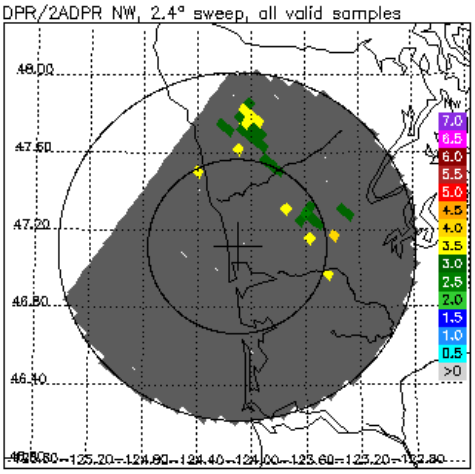
KLGX FH, 2.4° sweep, all valid samples



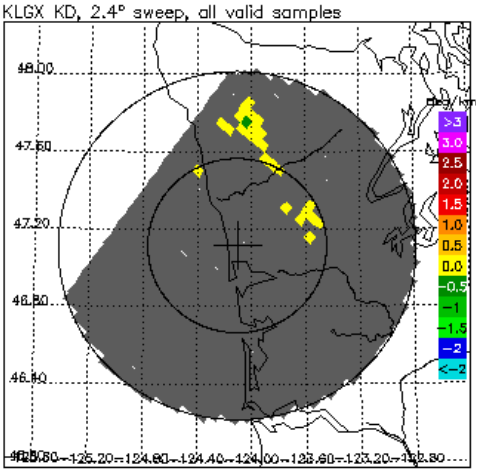
DPR/2ADPR Dm, 2.4° sweep, all valid samples



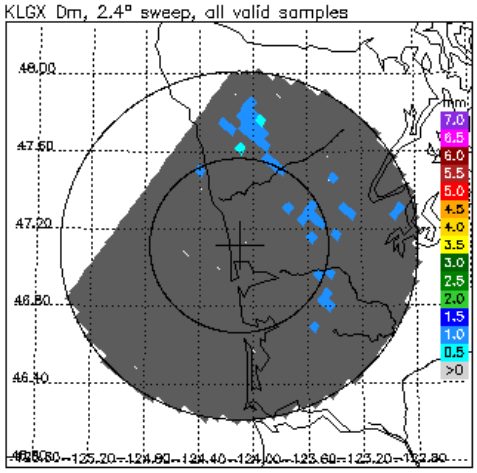
DPR/2ADPR NW, 2.4° sweep, all valid samples



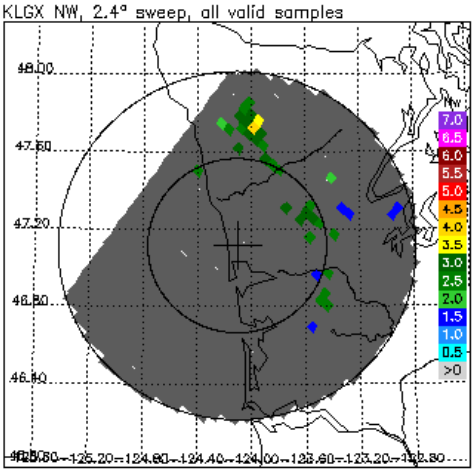
KLGX KD, 2.4° sweep, all valid samples



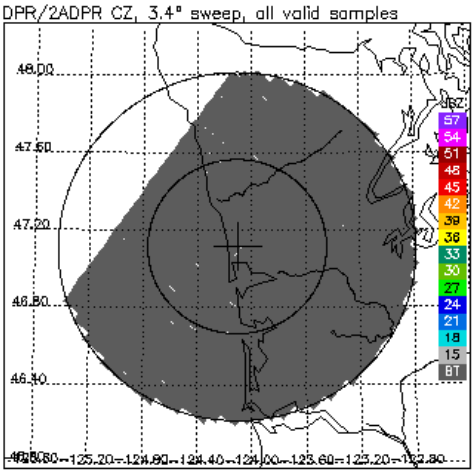
KLGX Dm, 2.4° sweep, all valid samples



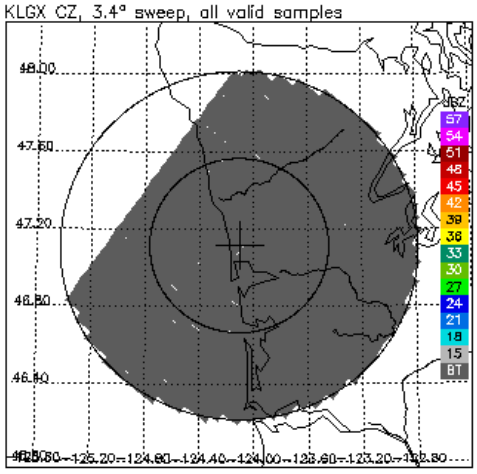
KLGX NW, 2.4° sweep, all valid samples



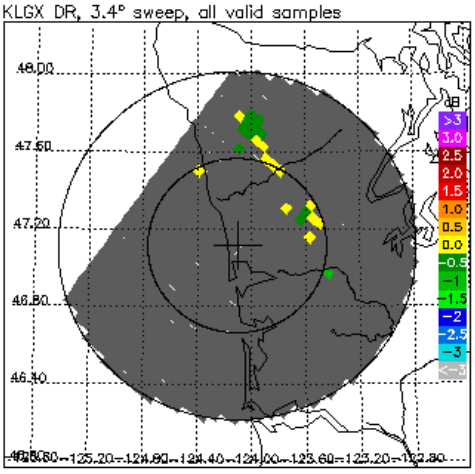
DPR/2ADPR CZ, 3.4° sweep, all valid samples



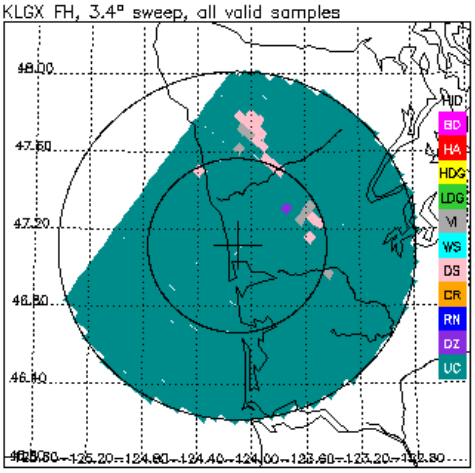
KLGX CZ, 3.4° sweep, all valid samples



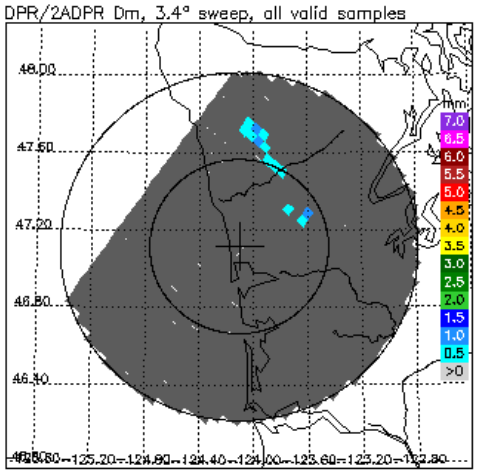
KLGX DR, 3.4° sweep, all valid samples



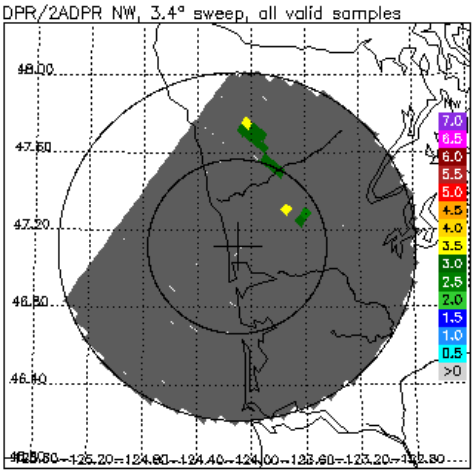
KLGX FH, 3.4° sweep, all valid samples



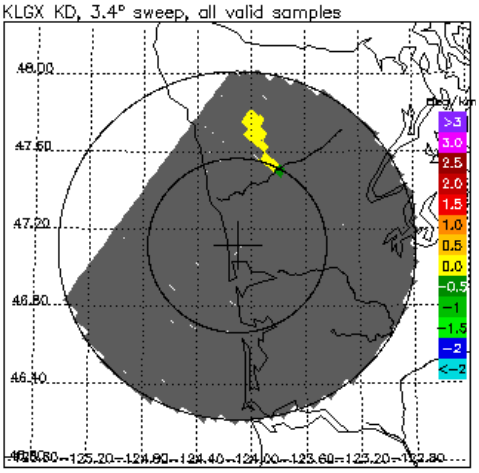
DPR/2ADPR Dm, 3.4° sweep, all valid samples



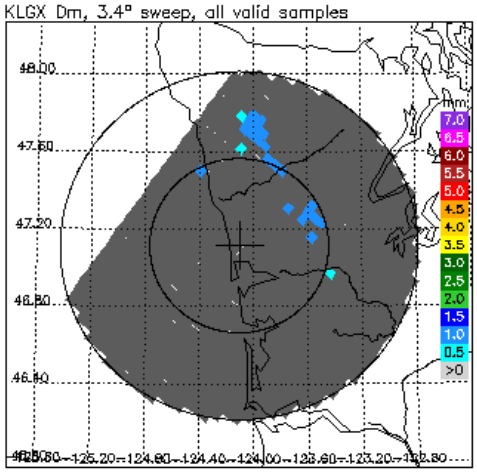
DPR/2ADPR NW, 3.4° sweep, all valid samples



KLGX KD, 3.4° sweep, all valid samples



KLGX Dm, 3.4° sweep, all valid samples



KLGX NW, 3.4° sweep, all valid samples