

KFSD Ku-adjusted  $Z_c$  vs. DPR 2ADPR/NS/V05A  $\geq 50\%$  bins above threshold  
Orbit: 23445 -- GR Start Time: 2018-04-14 17:03:43

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: KFSD  
Orbit: 23445 Version: V05A Swath Type: NS  
DPR time = 2018-04-14 17:02:35 GR start time = 2018-04-14 17:03:43  
Required percent of above-threshold DPR and GR bins in matched volumes >= 50%  
Thresholding by reflectivity cutoffs and by GR\_blockage.  
GR reflectivity has S-to-Ku frequency adjustments applied.

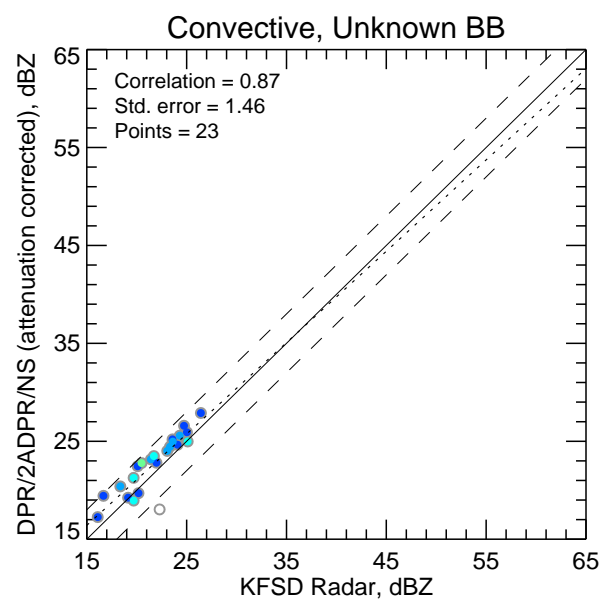
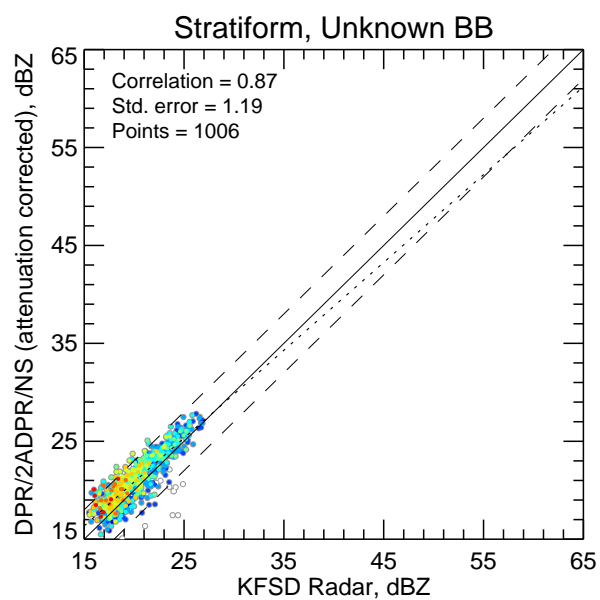
Mean Reflectivity Statistics grouped by fixed height levels (km):

Vert. Layer	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ
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1.0	0.555	214	0.513	203	1.115	11	53.348	27.885	26.803
2.0	0.842	475	0.825	462	1.067	10	66.163	27.674	26.850
3.0	1.150	250	1.162	244	2.289	1	71.371	26.576	25.580
4.0	1.271	72	1.303	70	-99.999	0	69.966	24.002	22.218
5.0	2.245	7	2.245	7	-99.999	0	62.031	21.172	18.386

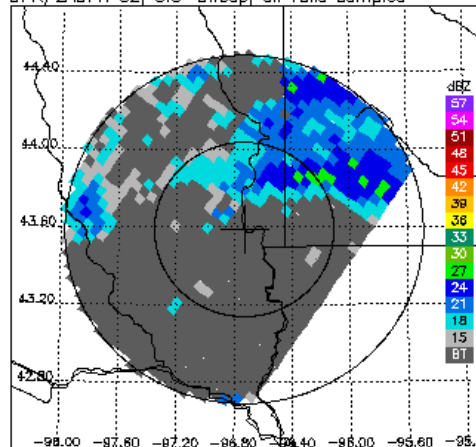
Mean Reflectivity Statistics grouped by proximity to Bright Band:

Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ
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Unknown	0.944	1039	0.941	1006	1.094	23	64.065	27.885	26.850

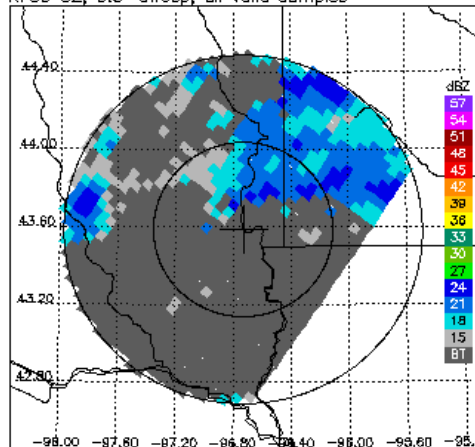
KFSD Ku-adjusted Zc vs. DPR 2ADPR/NS/V05A >=50% bins above threshold



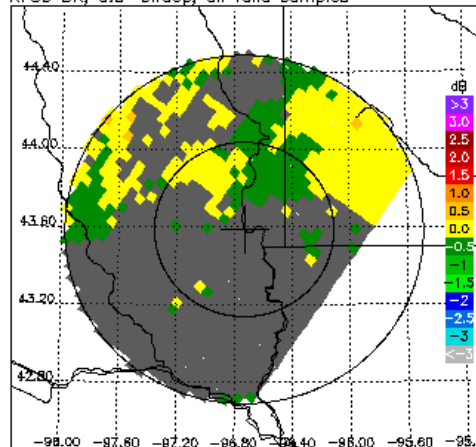
DPR/2ADPR CZ, 0.5° sweep, all valid samples



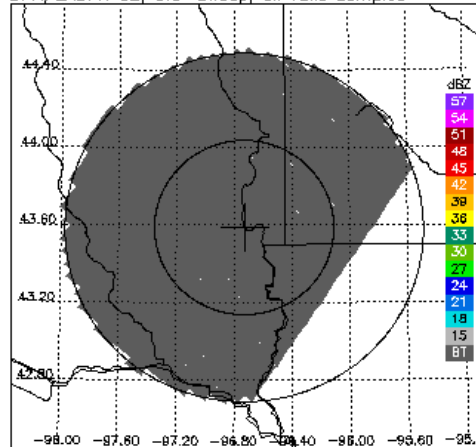
KFSD CZ, 0.5° sweep, all valid samples



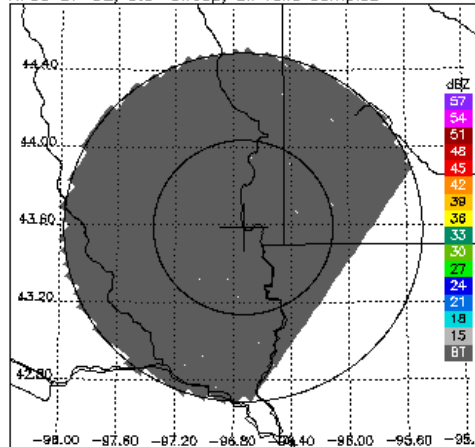
KFSD DR, 0.5° sweep, all valid samples



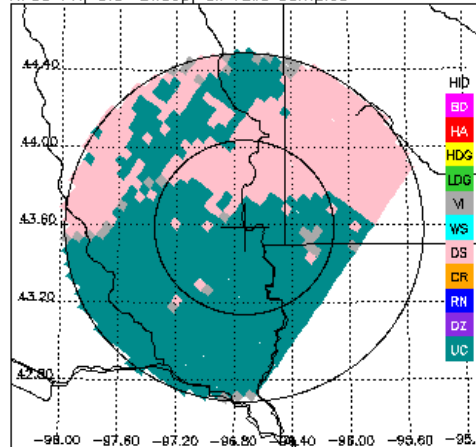
DPR/2ADPR CZ, 0.5° sweep, all valid samples



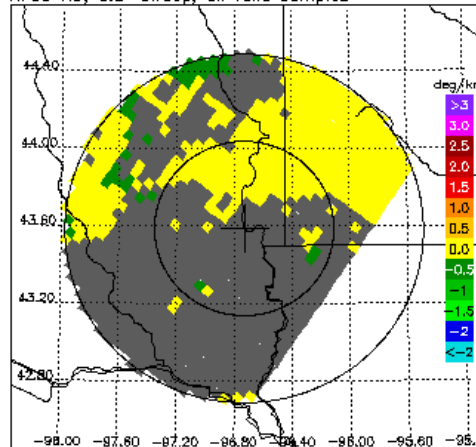
KFSD DP CZ, 0.5° sweep, all valid samples



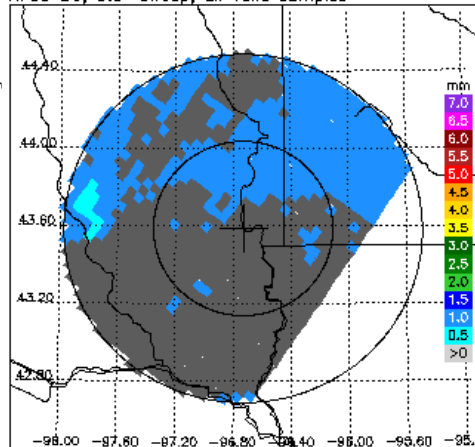
KFSD FH, 0.5° sweep, all valid samples



KFSD KD, 0.5° sweep, all valid samples



KFSD DO, 0.5° sweep, all valid samples



KFSD RH, 0.5° sweep, all valid samples

