

KLZK Ku-adjusted DP RR vs. DPR 2ADPR/NS/V05A  $\geq 50\%$  bins above threshold  
Orbit: 22630 -- GR Start Time: 2018-02-21 07:33:45

Histogram bin lower bounds (mm/h):

0.10, 0.16, 0.25, 0.40, 0.63, 1.00, 1.58, 2.51, 3.98, 6.31, 10.00, 15.85, 25.12, 39.81, 63.10, >100.0

DPR 2ADPR-GR Rain Rate difference statistics (mm/h) - GR Site: KLZK  
Orbit: 22630 Version: V05A Swath Type: NS  
DPR time = 2018-02-21 07:31:03 GR start time = 2018-02-21 07:33:45  
Required percent of above-threshold DPR and GR bins in matched volumes >= 50%  
Thresholding by rain rate cutoff and by GR\_blockage. Using GR RR field.  
GR reflectivity has S-to-Ku frequency adjustments applied.

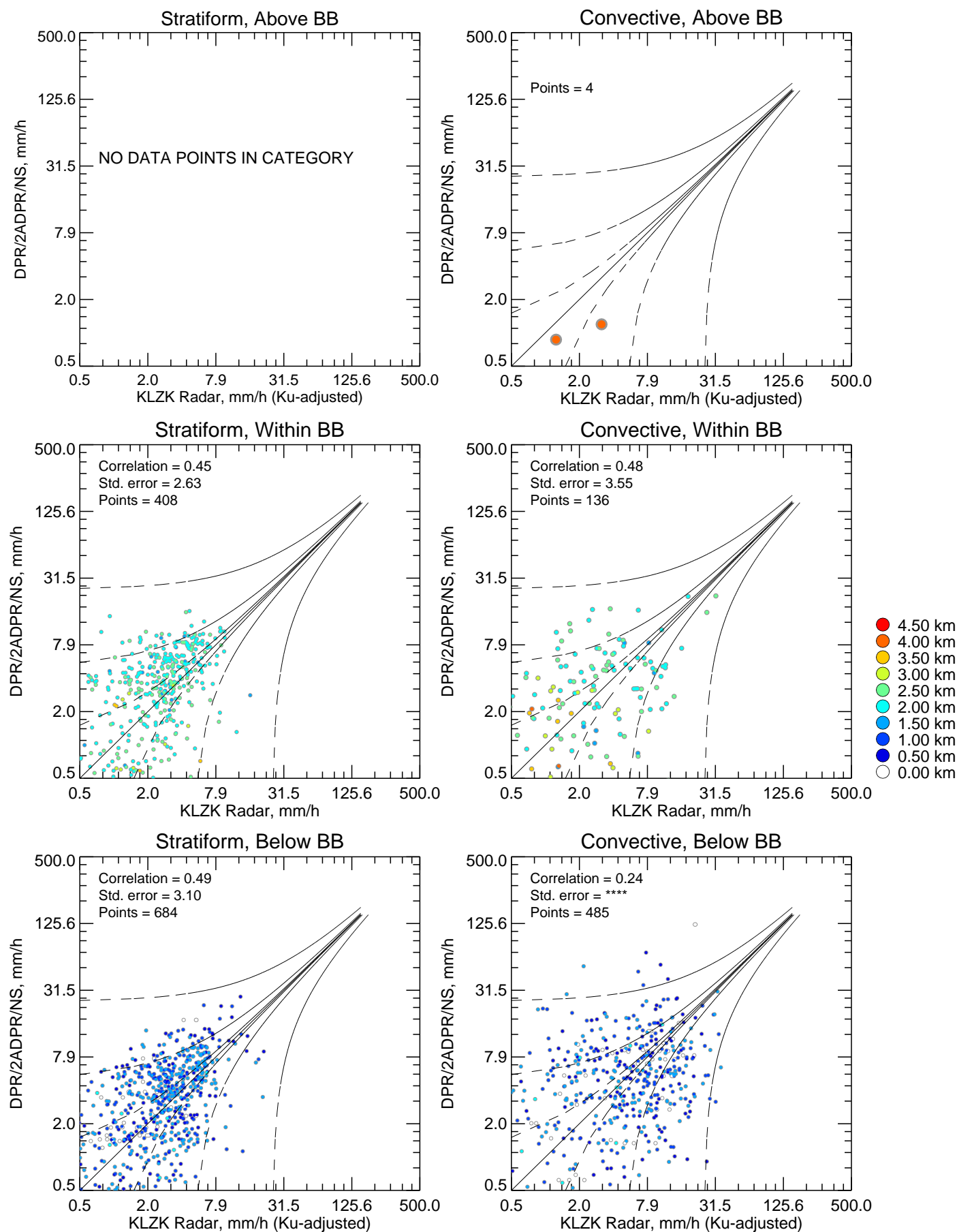
Mean Rain Rate (mm/h) Statistics grouped by fixed height levels (km):

Vert. Layer	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxRR	GRMaxRR
1.0	0.561	664	1.070	371	-0.076	292	36.213	68.827	33.767
2.0	0.707	758	1.026	543	-0.220	213	52.471	51.890	35.257
3.0	0.486	180	0.811	123	-0.343	56	55.414	21.831	31.835 @ BB
4.0	-0.915	19	-1.888	8	-0.275	11	30.435	2.520	6.009 @ BB
5.0	-1.750	2	-99.999	0	-1.750	2	40.658	0.351	2.672

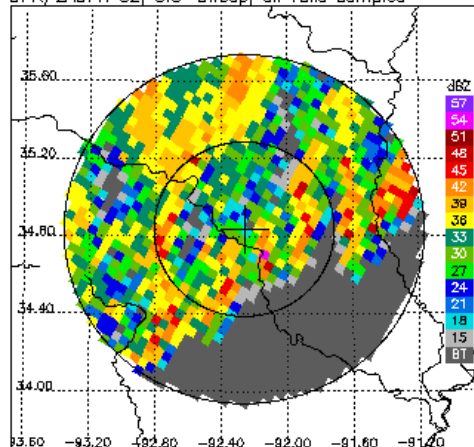
Mean Rain Rate (mm/h) Statistics grouped by proximity to Bright Band:

Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxRR	GRMaxRR
Below	0.511	1171	0.894	684	-0.065	485	38.660	123.160	35.257
Within	0.824	546	1.086	408	-0.087	136	55.691	21.831	31.835 @ BB
Above	-1.457	4	-99.999	0	-1.457	4	39.122	1.190	3.124

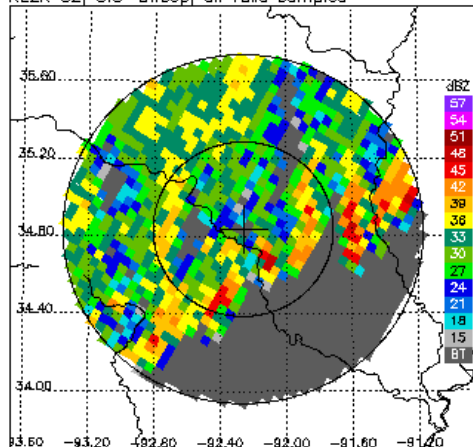
# KLZK Ku-adjusted DP RR vs. DPR 2ADPR/NS/V05A >=50% bins above threshold



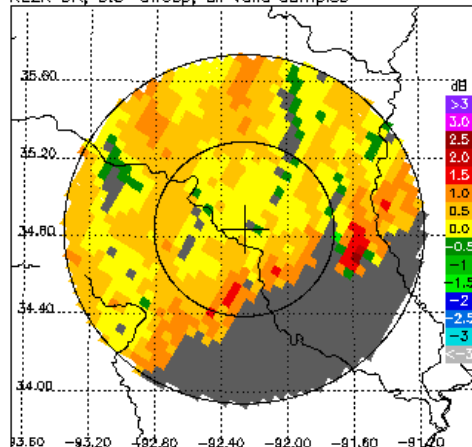
DPR/2ADPR CZ, 0.5° sweep, all valid samples



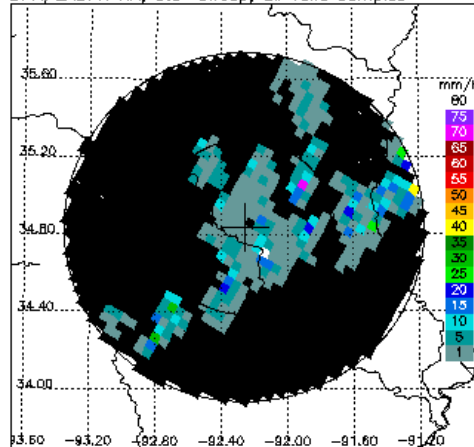
KLZK CZ, 0.5° sweep, all valid samples



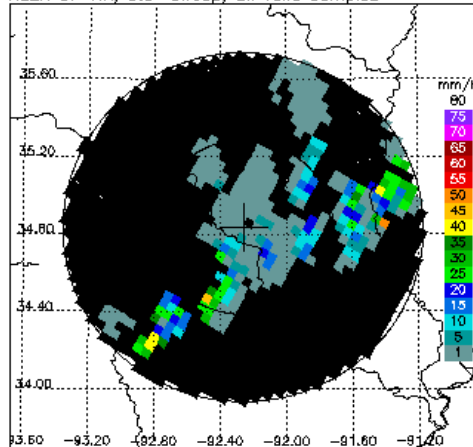
KLZK DR, 0.5° sweep, all valid samples



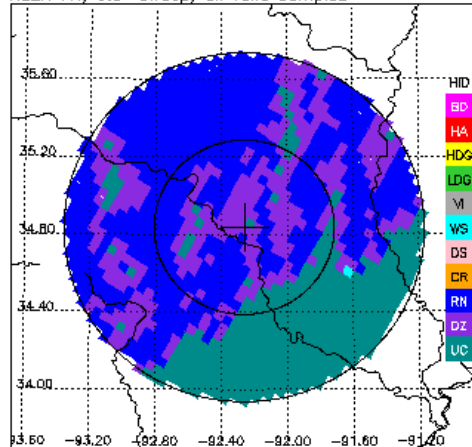
DPR/2ADPR RR, 0.5° sweep, all valid samples



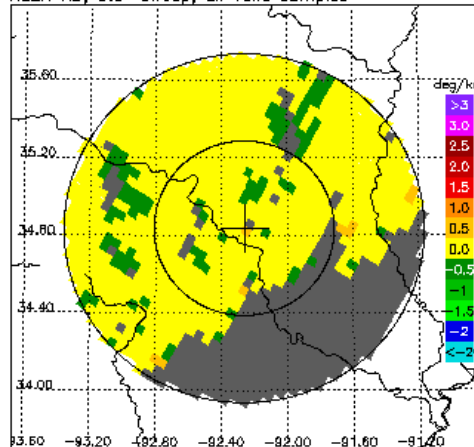
KLZK DP RR, 0.5° sweep, all valid samples



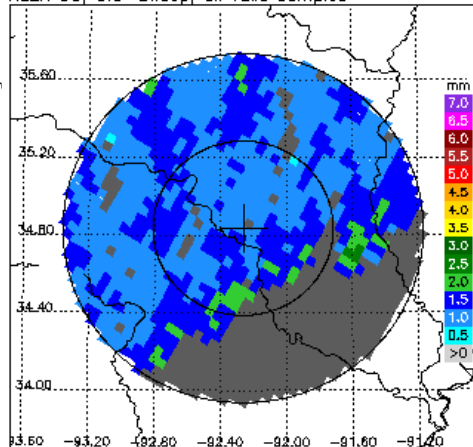
KLZK FH, 0.5° sweep, all valid samples



KLZK KD, 0.5° sweep, all valid samples



KLZK D0, 0.5° sweep, all valid samples



KLZK RH, 0.5° sweep, all valid samples

