

Supplementary Material for the ACPD Manuscript, “Impacts of Water Vapor / Aerosol Loading Trends and Land Cover on Aerosol Microphysical and Radiative Effects on Clouds during the Amazon Biomass Burning Season”

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S.1 The number of points (N) incorporated in each bin of each plot in Figure 3. Bin 1 corresponds to the leftmost bin and bin 8 corresponds to the rightmost bin.

Panel	Variable	Bin Number							
		1	2	3	4	5	6	7	8
a	Column Water Vapor	63441	54269	32815	38719	34180	24788	16180	12188
a	Cloud Fraction	46843	41378	35541	38993	38041	32432	28530	21333
b	Aerosol Optical Depth	49658	43177	18888	24457	21676	11180	6208	4378
c	Column Water Vapor	46666	23499	6433	6489	4465	4692	4456	3687
c	Cloud Fraction	33570	16363	3857	3866	2665	3293	3603	2924
d	Aerosol Optical Depth	46679	23522	6512	6515	4646	5198	5063	4341

S.2 Frequency distributions of variables shown in Table 1 for both forest and pasture.



