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Supporting Information for

Seasonality of the QBO Impact on Equatorial Clouds

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Introduction

This supporting information consists of three figures associated with the primary document. The first two supplementary figures pertain to the QBO impact on clouds but differ from figures in the main text by using new QBO indices based on 30 and 70 hPa zonal winds. The final figure pertains to the zonal structure of equatorial clouds.

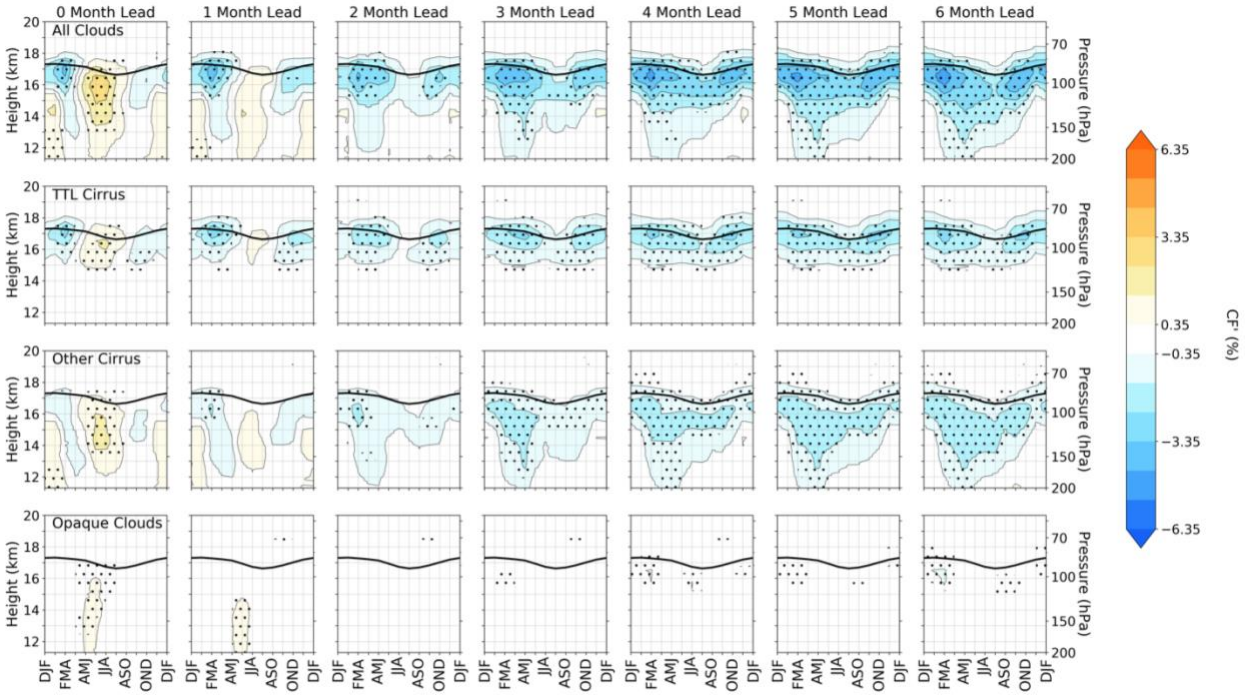

Figure S1. Seasonality of zonal-mean QBOW-QBOE anomaly composites based on 30 hPa ERA5 zonal winds averaged over 10°S-10°N. Rows, columns, thick black lines, and stippling are same as in Fig.1.

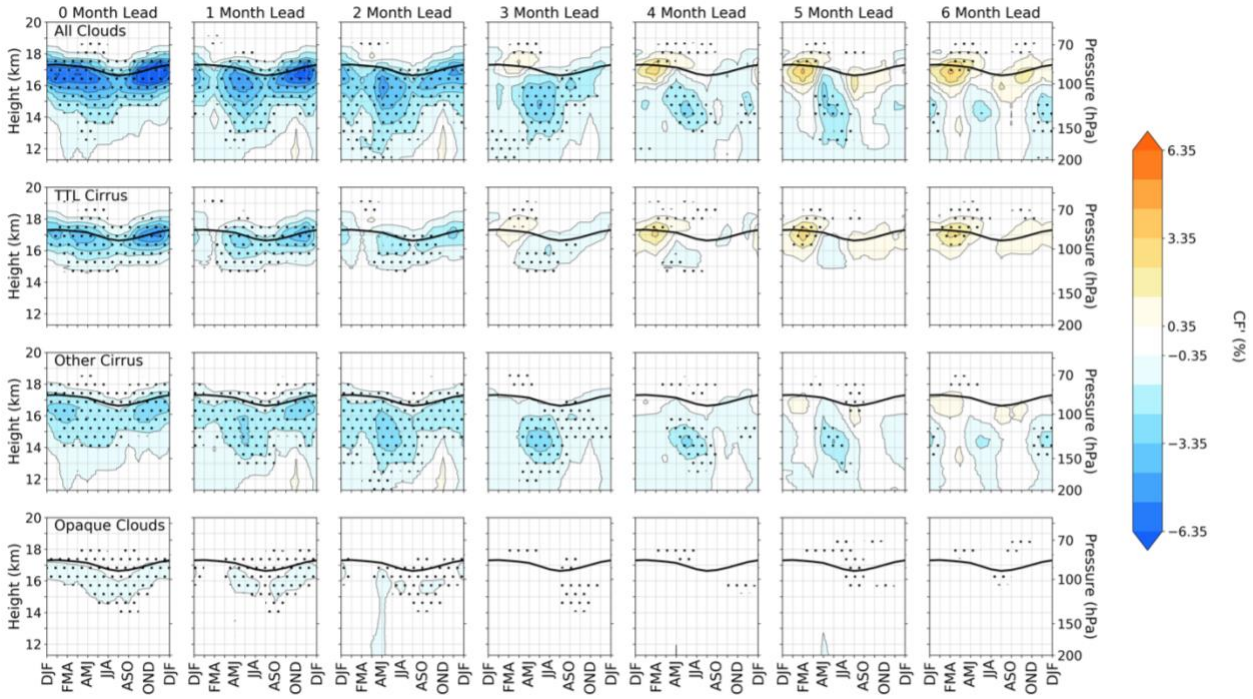

Figure S2: Seasonality of zonal-mean QBOW-QBOE anomaly composites based on 70 hPa ERA5 zonal winds averaged over 10°S-10°N. Rows, columns, thick black lines, and stippling are same as in Fig.1.

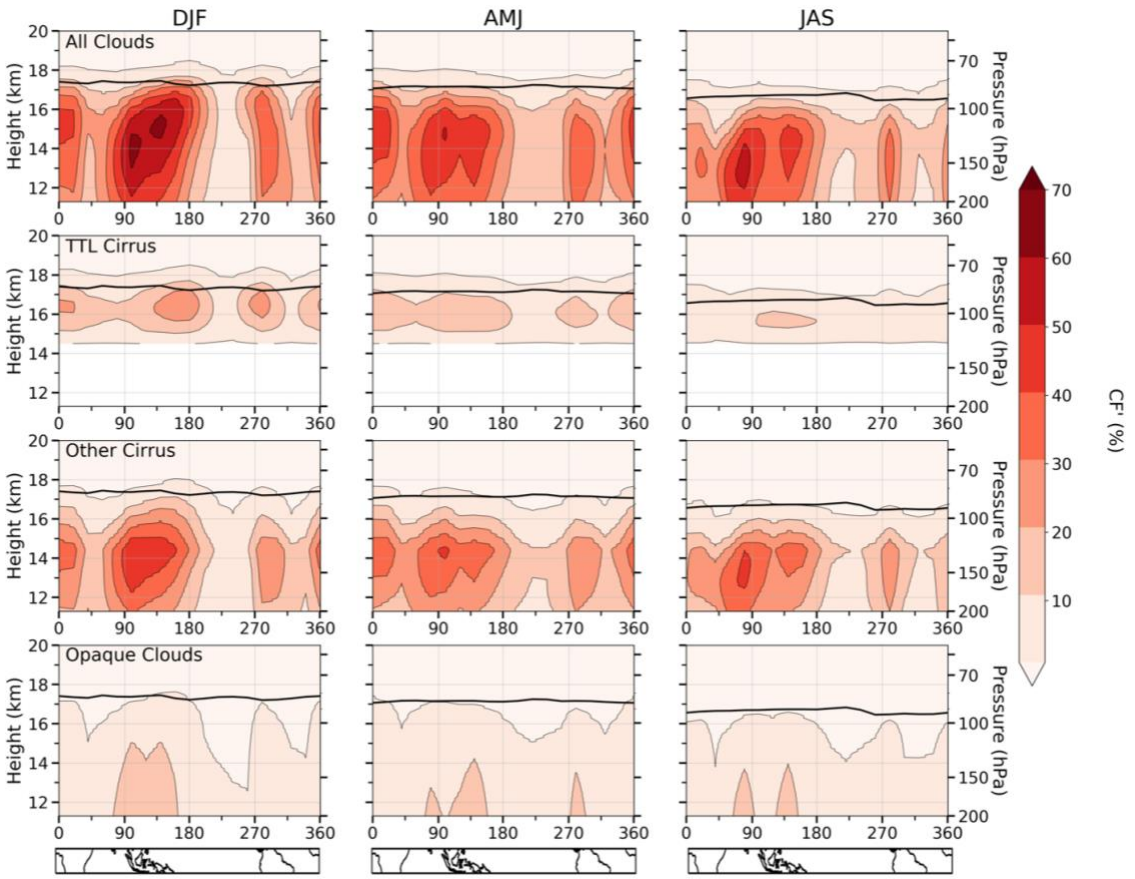

Figure S3: Climatological cloud fraction for DJF, AMJ, and JAS. Rows and the thick black lines are the same as in Fig. 3 from the main text.