Zonal Wind Years (61-80) Minus Years (1-20) **Zonal Wind** Model Mean Contoured Normalized Difference Shaded Model Mean Contoured Model Standard Deviation Shaded 10<sub>1</sub> 10<sub>T</sub> 20 20 30 30 50 50<sup>-</sup> 70 70 100 100 150 150 200 250 300 200 250 300 400 500 400 500 700 700 1000 1000 60N 30N EQ 30S 60S 30N EQ **30S** 60S **60N** -2 2 6 2 **Zonal Wind Zonally-Averaged Zonal Wind (200 mb)** Observed Contoured Model Mean Minus Observed Shaded 101 **50**<sub>T</sub> **BMRC** 20 -15 CCCMA (CGCM1) 40 CCSR 30 **CERFACS (ARPEGE/OPA2)** CSIRO (Mk2) 30 **50** DOE PCM -ECHAM3+LSG 70 GFDL (R15a) 100 GISS (Russell) 20 HadCM2 - - -150<sup>-</sup> HadCM3 - - -200 IAP/LASG - -10 250 300 LMD/IPSL -MRI (Tokioka) - - -400 500 NCAR CSM OBSERVATIONS -700 1000 -10 60N 30N EQ 30S 605 30N EQ **30S 60N 60S** -2 2 10 -6 6

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