## RADIOSONDE\_V\_WIND\_COMPONENT (Tropics) EAMv0 (80 members) EAMv0 (20 members) # of observations (x 10<sup>3</sup>) # of observations (x 10<sup>3</sup>) 10 15 20 5 10 15 25 0 25 30 0 20 30 Assimilated Assimilated bias (-0.05) bias (-0.07) \* Possible \* Possible rmse (3.21) rmse (3.28) 10 \* \* 100 $\mathbb{K}$ $\mathbb{X}$ X X 200 $\mathbb{X}$ $\mathbb{X}$ Pressure (hPa) 300 $\mathbb{X}$ $\mathbb{X}$ 400 $\mathbb{R}$ $\mathbb{X}$ 500 $\mathbb{X}$ $\mathbb{X}$ 600 700 $|\mathbf{x}|$ $\boxtimes$ 850 1000 3.0 4.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 -1.0 0.0 1.0 2.0 5.0

**RMSE** and Bias

00Z 05 -- 00Z 19 Dec. 2010

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