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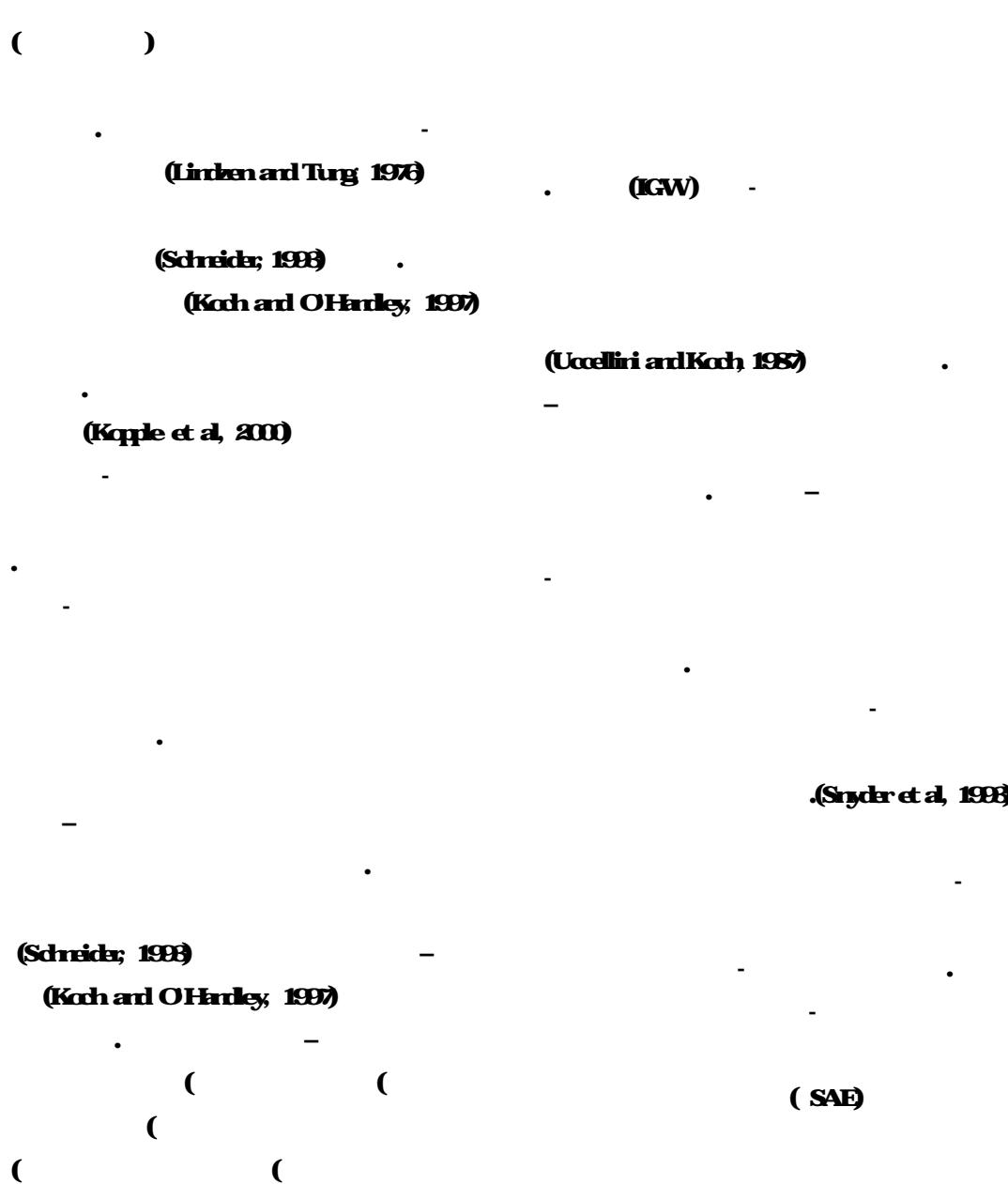
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1. India-gravitywaves
3Bubblehigh

2 SpontaneousAdjustmentEmission

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(Hagnen et al., 2010)

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Zuidema)

(Zhang et al., 2001)

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(Peters, 2006)

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$$i \left(f^2 - N^2 \frac{k_h^2}{k_z^2} \right)^{1/2}$$

$$q = \frac{i h}{2}$$

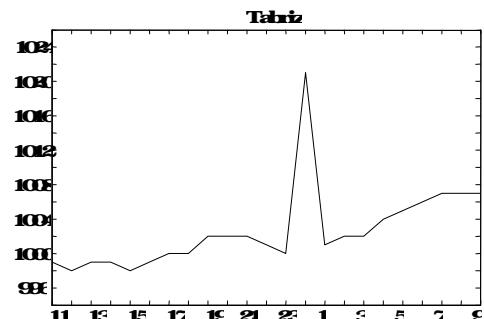
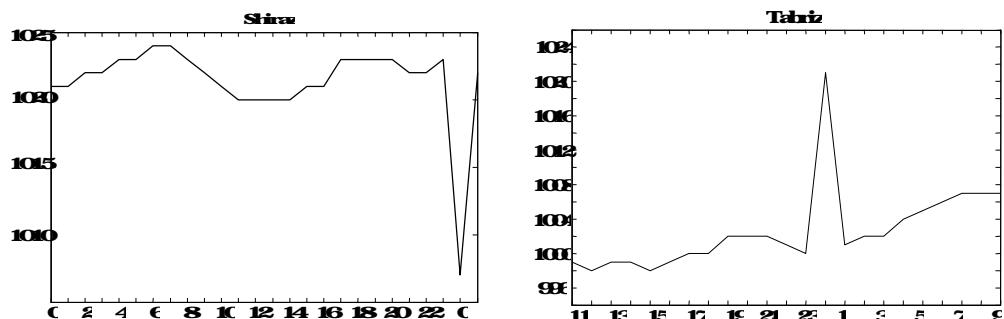
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$$c_{gz} = N^2 \frac{k_h^2}{i k_z^3}$$

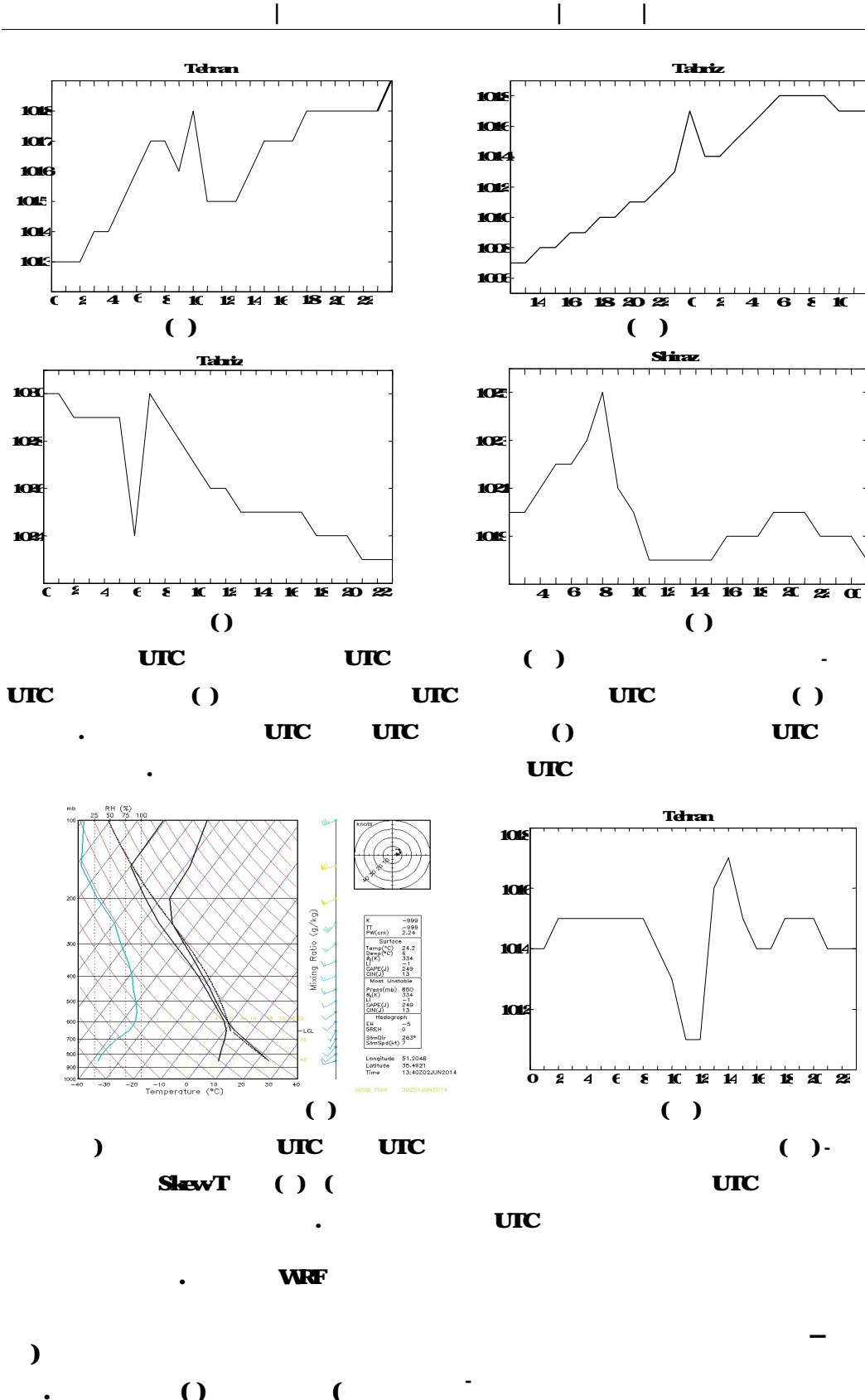
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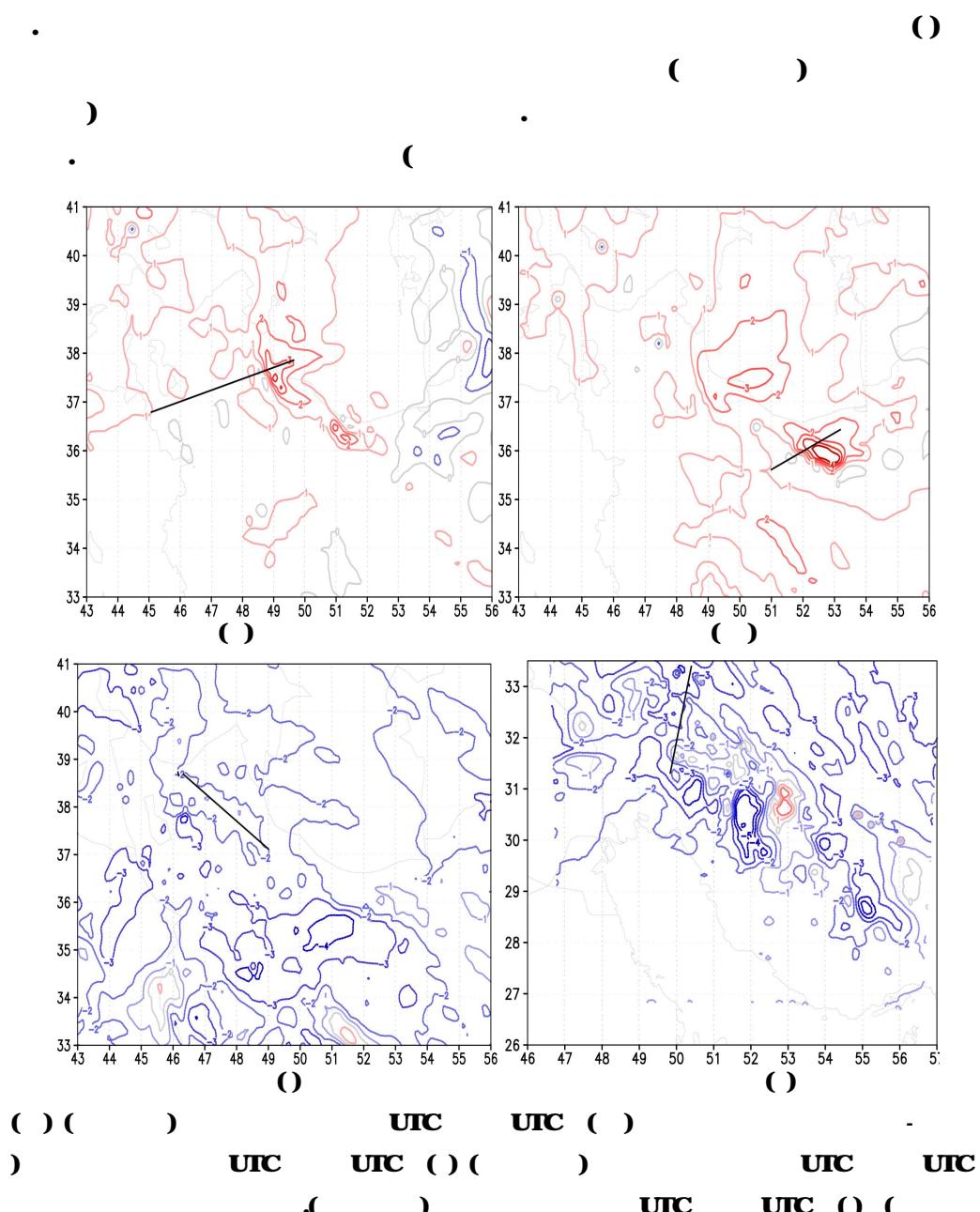
1. Final Analysis

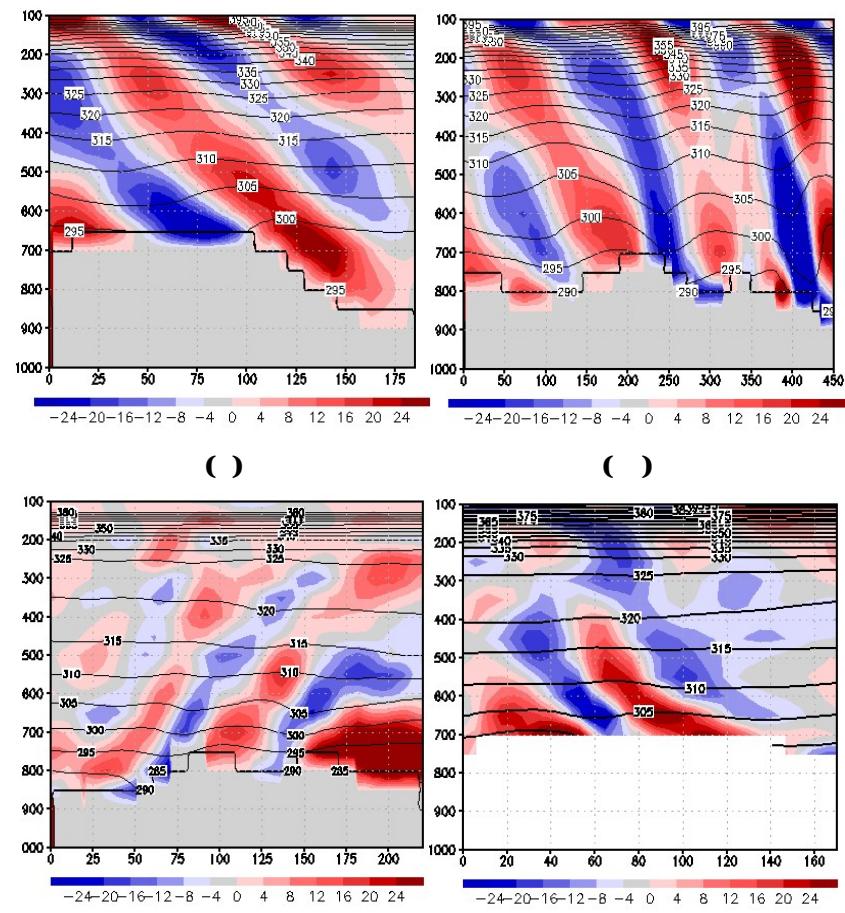
2 Weather Research and Forecasting



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**mesoscale gravity waves Weather Forecasting
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- hPa
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