

## **ATOC 5050: Atmospheric dynamics**

### Exercise 7

(due in class Thursday 20 October)

- 1) Holton 3.20
- 2) Holton 3.21
- 3) Holton 3.22
- 4) Derive an expression for the divergence of the geostrophic flow, and compute a typical value for large scale midlatitude flow.