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## **GG 140 - The Atmosphere, the Ocean and Environmental Change with Professor Ronald B. Smith**

### **Lecture 12 – Circulation of the Atmosphere**

3. Earth's Energy Balance. Image credit: Lyndon State College Atmospheric Sciences department.  
<http://apollo.lsc.vsc.edu/classes/met130/notes/chapter2/ebal3.html> (Accessed Oct. 21, 2011)

4. Northward Heat Transport. Image credit: Universite catholique de Louvain.  
[http://stratus.astr.ucl.ac.be/textbook/chapter2\\_node7\\_2.xml](http://stratus.astr.ucl.ac.be/textbook/chapter2_node7_2.xml) (Accessed Oct. 21, 2011)

5. Ocean heat transport. Image credit: Steven Dutch, Natural and Applied Sciences, University of Wisconsin - Green Bay.  
<http://www.uwgb.edu/dutchs/EarthSC102Notes/102TheOceans.HTM> (Accessed Oct. 21, 2011)

6. Meanders in the jet stream. Image credit: Paradise Valley Community College Geography department.  
[http://www.ees.rochester.edu/fehnlab/ees215/fig17\\_9.jpg](http://www.ees.rochester.edu/fehnlab/ees215/fig17_9.jpg) (Accessed Oct. 21, 2011)

12. Global Air Circulation Patterns. Image credit: williamsclass.com.  
<http://www.williamsclass.com/EighthScienceWork/Atmosphere/AtmosphereWind.htm> (Accessed Oct. 21, 2011)

13. Geostationary Satellites: 10 micron IR window band. Image credit: UW Madison Space Science and Engineering Center.  
<http://www.ssec.wisc.edu/data/comp/ir/irmoll.html> (Accessed Oct. 21, 2011)

14. Geostationary Satellites: 6.7 micron IR WV band. Image credit: UW Madison Space Science and Engineering Center.  
<http://www.ssec.wisc.edu/data/comp/wv/2011260WV1800.gif> (Accessed Oct. 21, 2011)