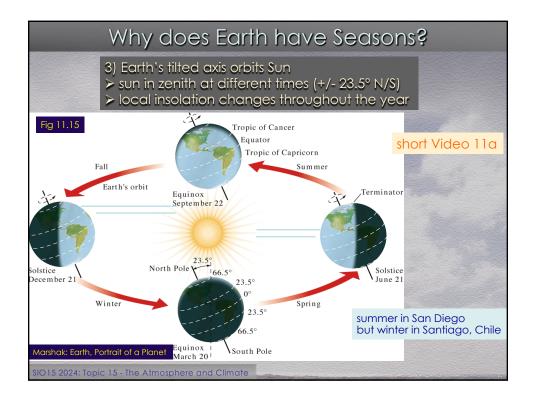
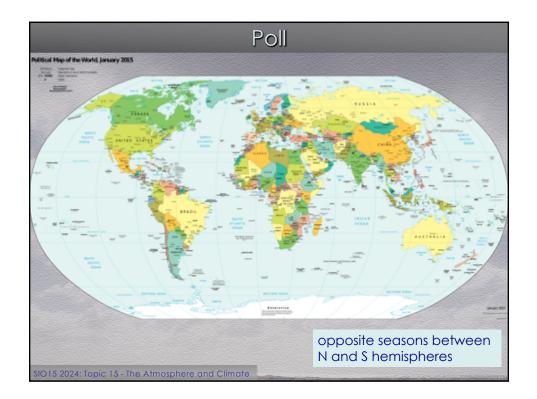


	Poll
	Atmosphere 1
	What causes seasons? Single Choice ~
	Sun's changing distance from Earth
	Sun's migration above/below the ecliptic
	C Earth tides
	O orbiting of Earth's tilted rotation axis
	Changing solar output
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	Poll
Atr	nosphere 2
Whi	ch of these have summer when it is summer in San Dieg 💿 Single Choice 🗸
0	Mexico City
0	Santiago, Chile
0	Manila, Philippines
0	Canberra, Australia
0	Cape Town, South Africa
6	Jakarta, Indonesia



Continents/Countries in S. Hemisphere

continents: much of South America 1/3 of Africa Australia/New Zealand Africa: Angola, Namibia South Africa Botswana, Zimbabwe, Zambia Mozambique, Malawi, Tanzania much of Dem. Rep. Congo Madagascar

South America: Peru Brazil Bolivia Chile Argentina Uruguay

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Paraguay

most of Indonesia Papua New Guinea Tonga, etc.

opposite seasons between N and S hemispheres

Poll

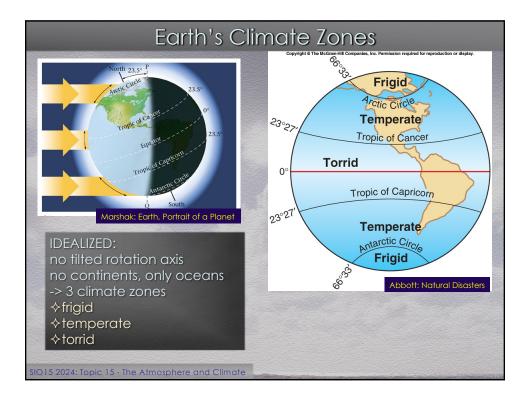
 Atmosphere 3

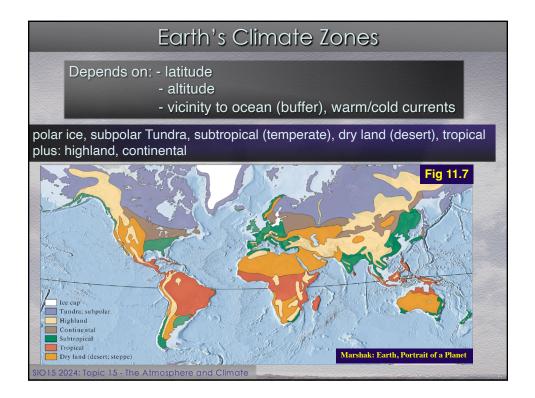
 Dees Ecuador experience the four seasons?

 yes

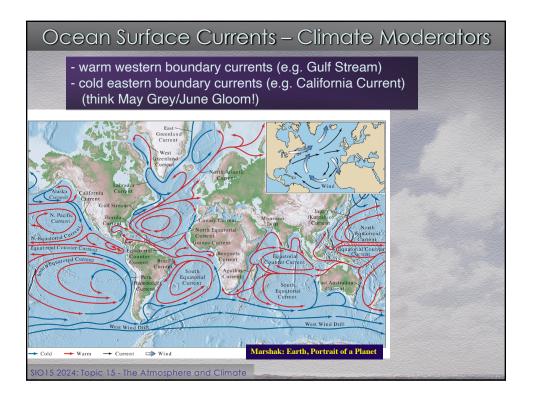
 no

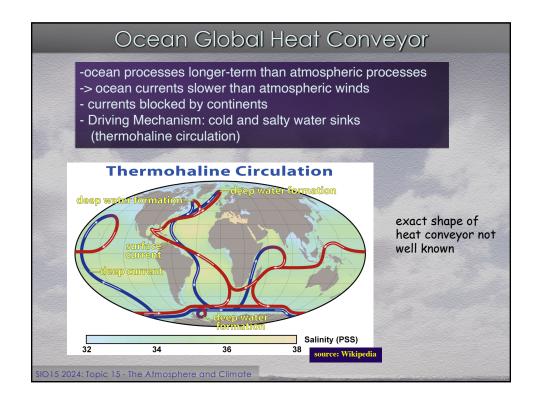
 perhaps

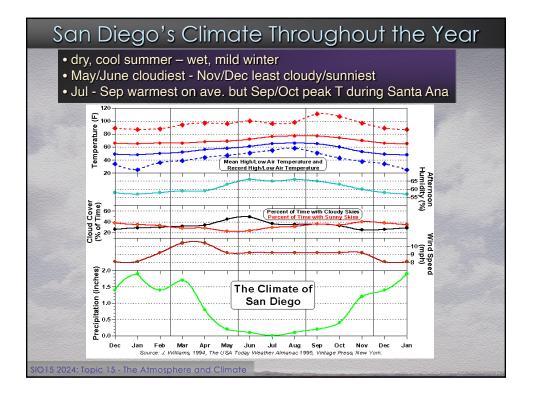




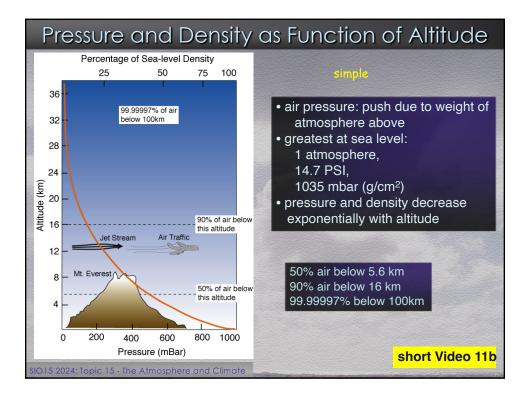
	The Role of the Oceans Heat Capacity: ability to absorb heat without getting hot					
Air:0.00031cal/cm³/°CQuartz Sand:0.31Granite:0.51Water:1.0Aluminum:0.215Copper:0.0924Glass:0.20Human body:0.83	cal/cm ³ /°C Quartz Sand: Granite: Water: Aluminum: Copper: Glass:	0.31 0.51 1.0 0.215 0.0924 0.20	 oceans are climate moderators (negative feedback) 			

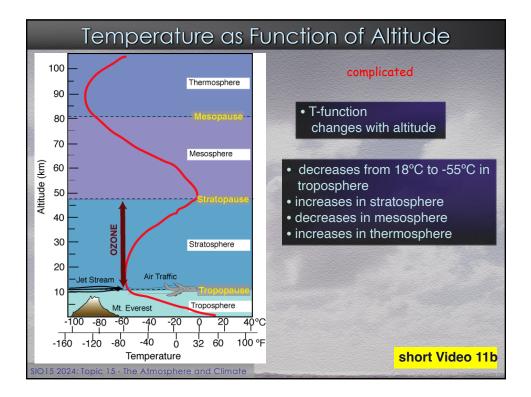


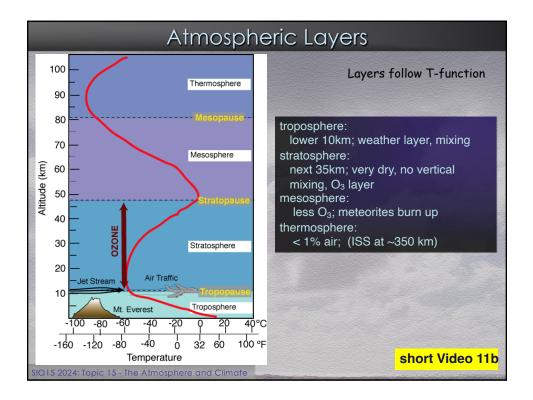












Moist and Dry Air					
absolute humidity:	actual water vapor content; e.g. by volume; 0.3% deserts/ 4% tropics				
relative humidity:	water vapor content with respect to maximum that air can hold under current conditions (saturated)				
dew point:	T to which air with current rel. hum. has to cool to become saturated				
condensation:	air cools below dew point -> fog/clouds/frost				
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