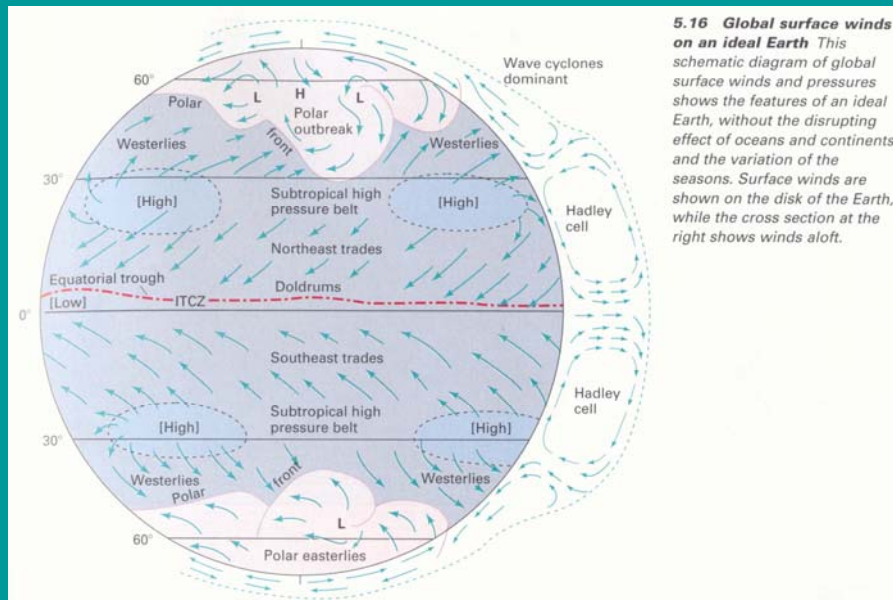


Větry a globální cirkulace atmosféry

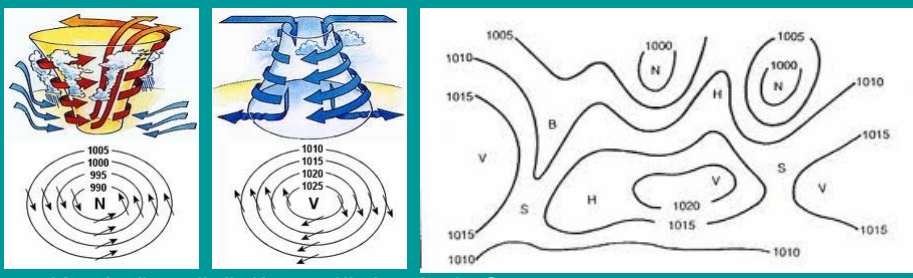


Vysvětlete pojmy ...

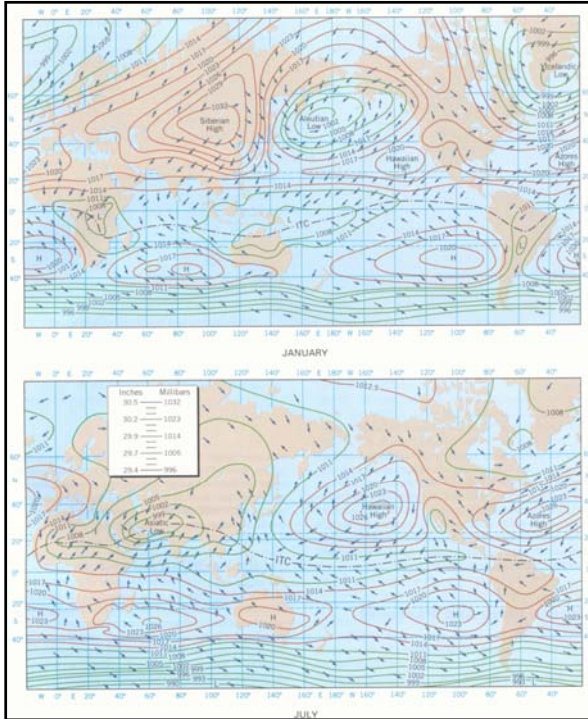
- Izobary
- Rossbyho vlny
- Bríza
- Coriolisova síla

Doplň a spoj ...

- 2 charakteristiky větru:
- Charakteristické tlakové útvary:

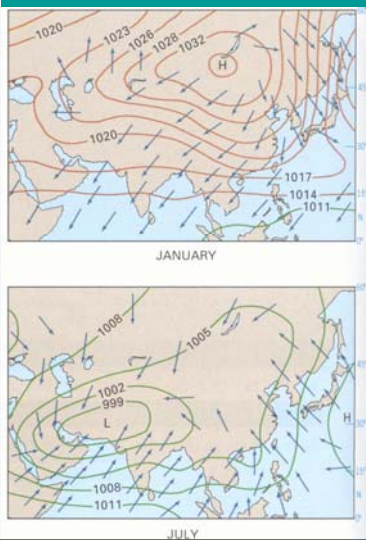


- Které síly ovlivňují proudění vzduchu?
- | | | |
|------------------|---------------------------------|-------------------------|
| • Fén | Teplý | Katabatický vítr |
| • Bóra | Studený | Povodí Rioni |
| • Bríza | Místní cirkulační systém | Skalnaté hory |
| • Údolní vítr | Místní vítr | Pobřeží |
| • Horský vítr | Mistrál | Jadran |
| • Ledovcový vítr | Chinook | Rhône |
| | Pevninský vánek | Mořský vánek |

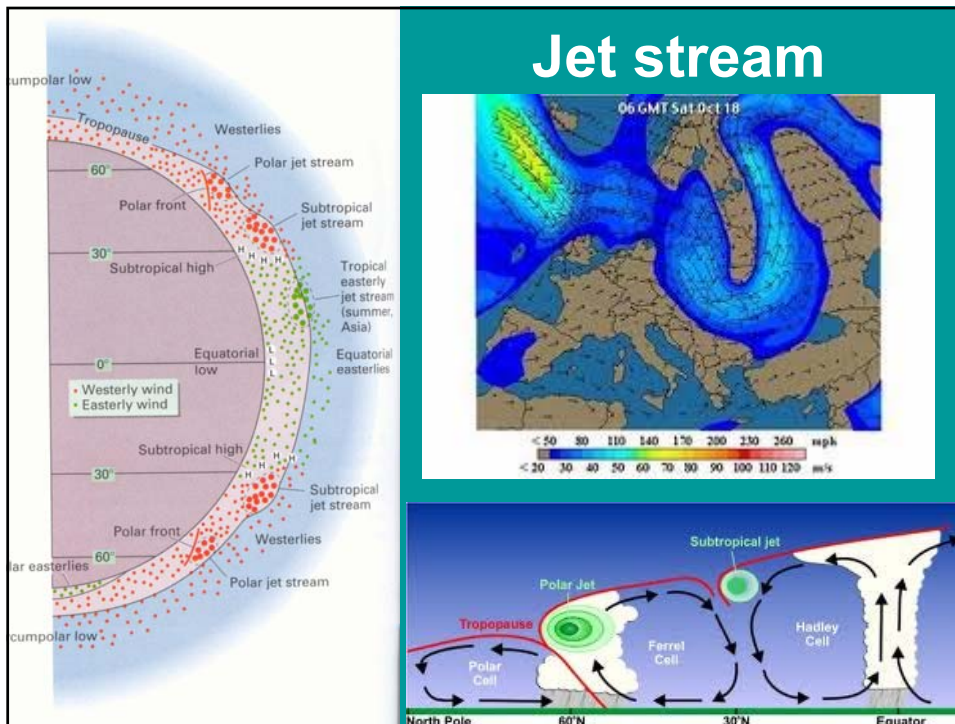


Popiš...

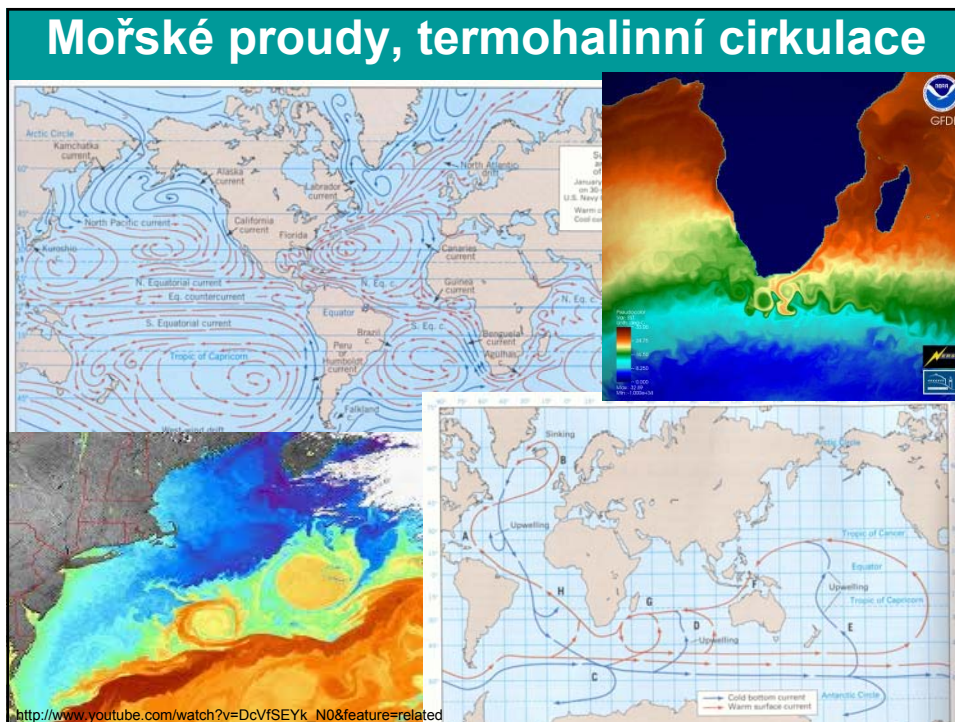
- Změnu tlakových útvarů v průběhu roku
- Monzunovou cirkulaci



Jet stream

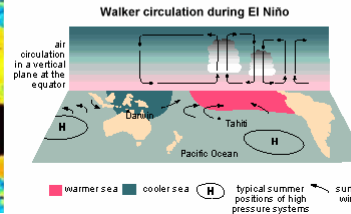
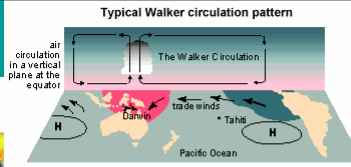
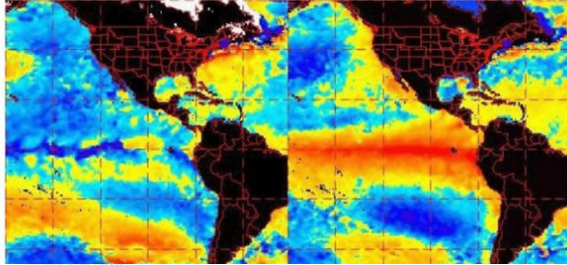


Mořské proudy, termohalinní cirkulace



ENSO – El Niño/La Niña

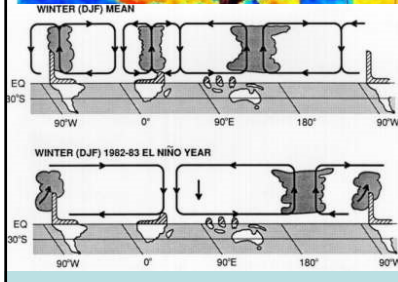
ENSO



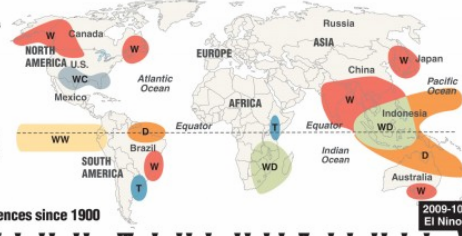
warmer sea cooler sea (H) typical summer positions of high pressure systems surface winds

El Niño effects

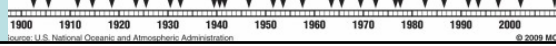
A weak El Niño weather system has developed over the Pacific Ocean and could create unusual weather patterns around the world through March.



- Unseasonal weather impacts during El Niño in winter
- W Warm
 - D Dry
 - T Wet
 - WD Warm, dry
 - WW Warm, wet
 - WC Wet, cool



El Niño occurrences since 1900



<http://www.youtube.com/watch?v=DbNzw1CCKHo&feature=related>

Source: U.S. National Oceanic and Atmospheric Administration © 2009 MCT