

ATMOSPHERIC CIRCULATION & WIND BELTS

Global Pressure Systems and Prevailing Surface Winds

Latitude
Wind Belt (Surface)
Circulation Cell
90N (High)
Polar Easterlies
↕ TM
Polar Cell
60N (Low)
Prevailing Westerlies
↕—
30N (High)
NE Trade Winds
↕ TM
Ferrel Cell
0 (ITCZ / Low)
Doldrums (Calms)
Hadley Cell
30S (High)
SE Trade Winds
↕—
Hadley Cell
60S (Low)
Prevailing Westerlies
↕~
Ferrel Cell
90S (High)
Polar Easterlies
↕—
Polar Cell

Chart Reference: Coriolis Effect applied. High pressure (divergence) to Low pressure (convergence).