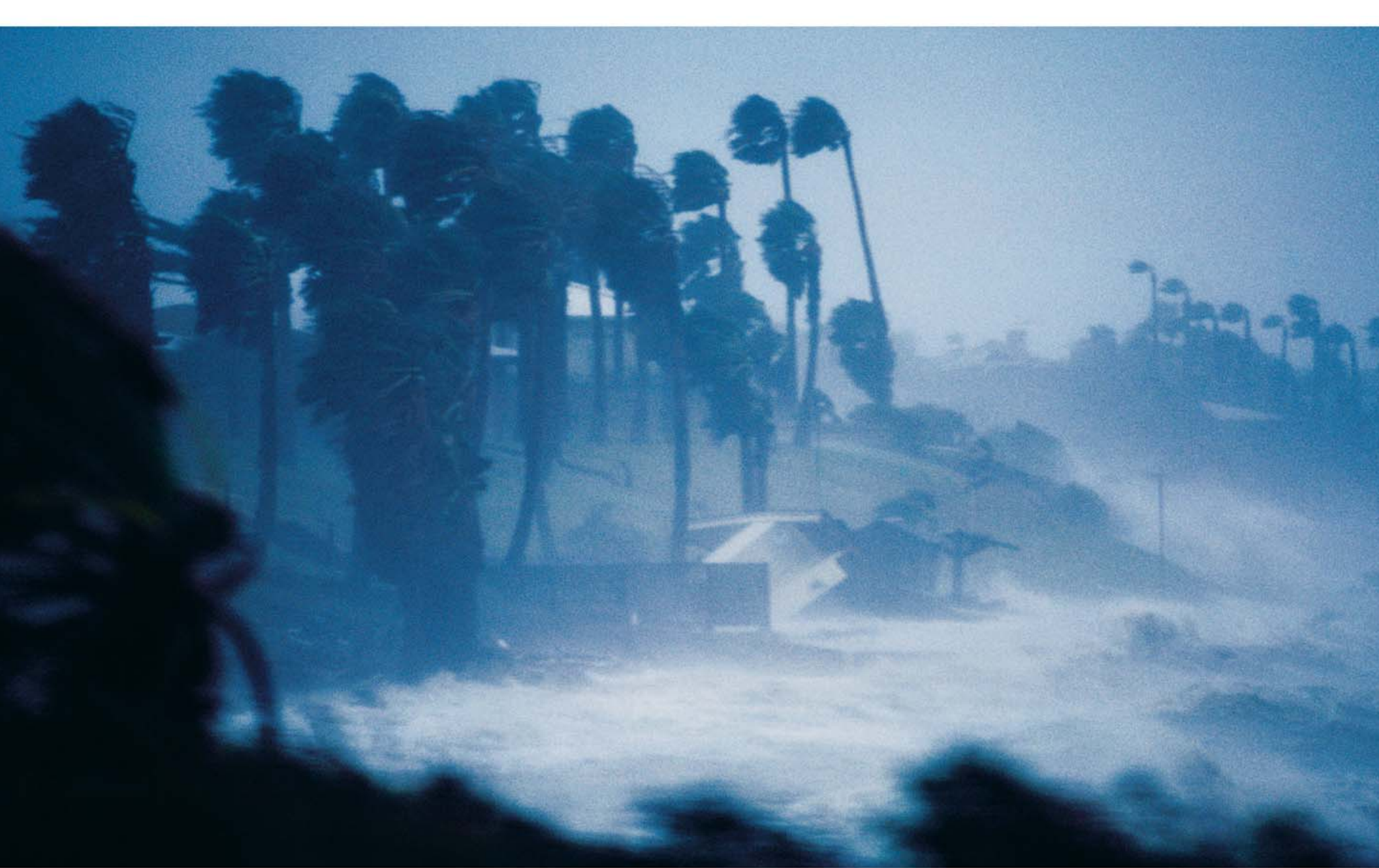


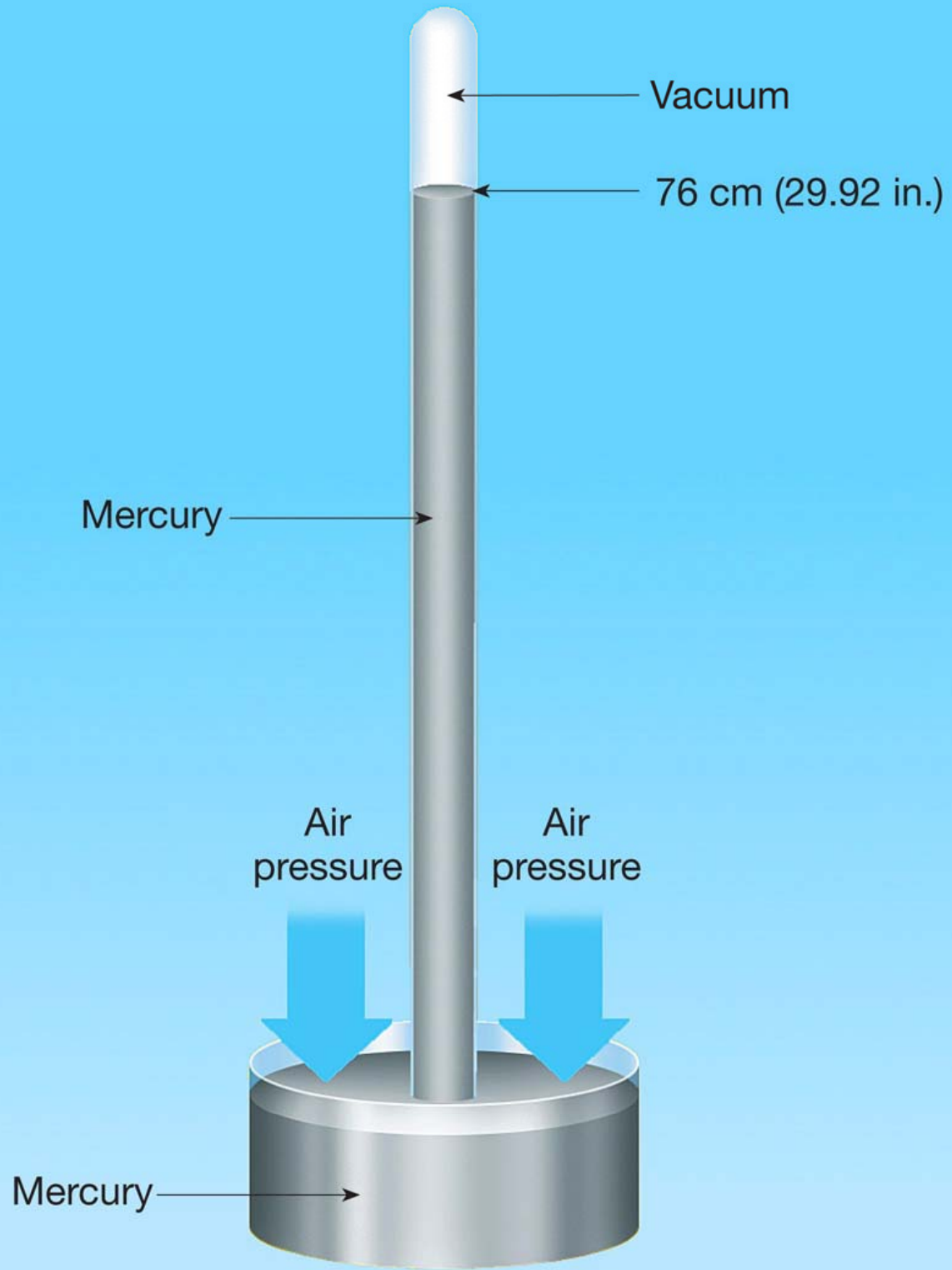
Atmospheric Pressure Systems, Wind, Circulation

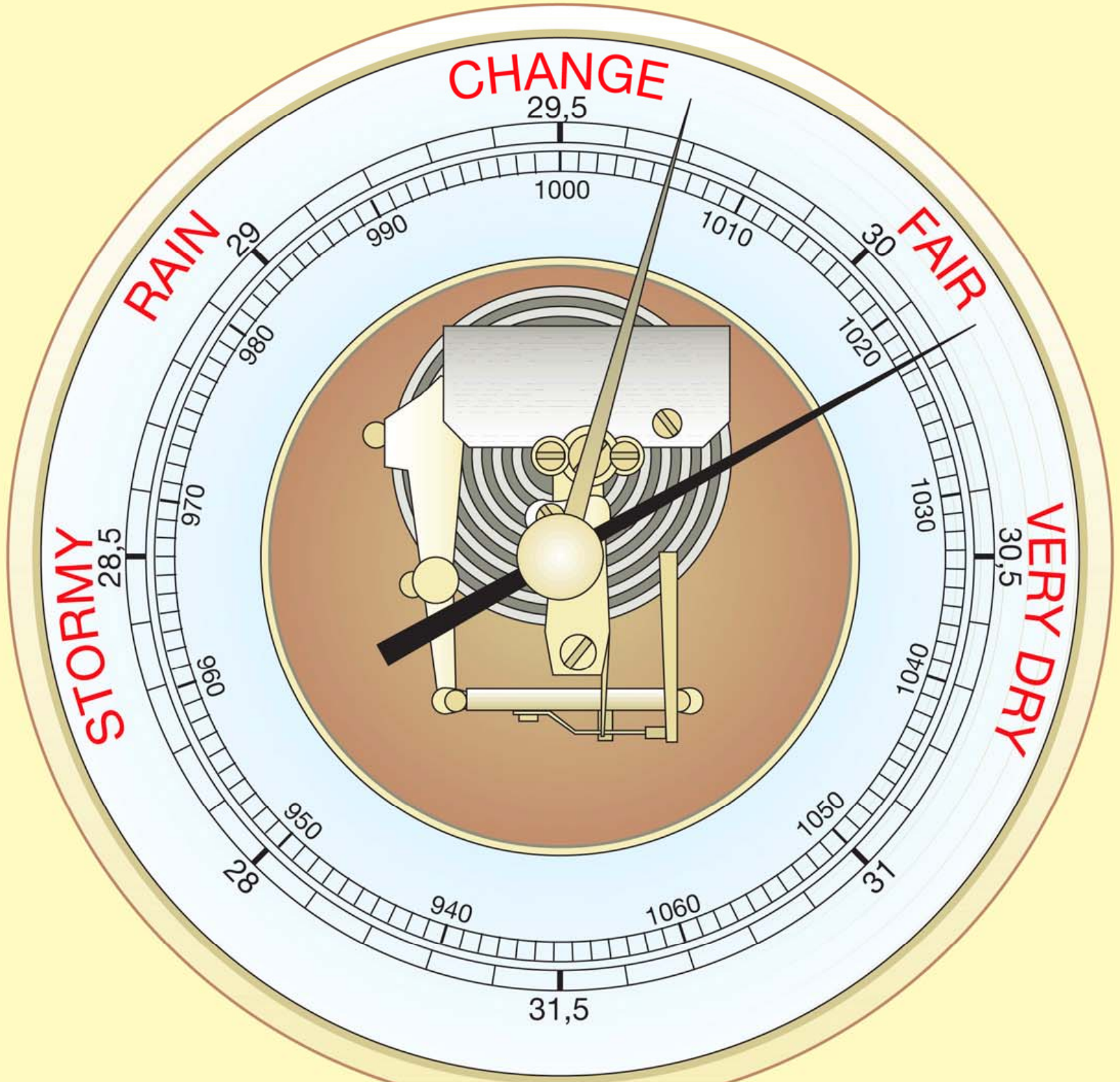
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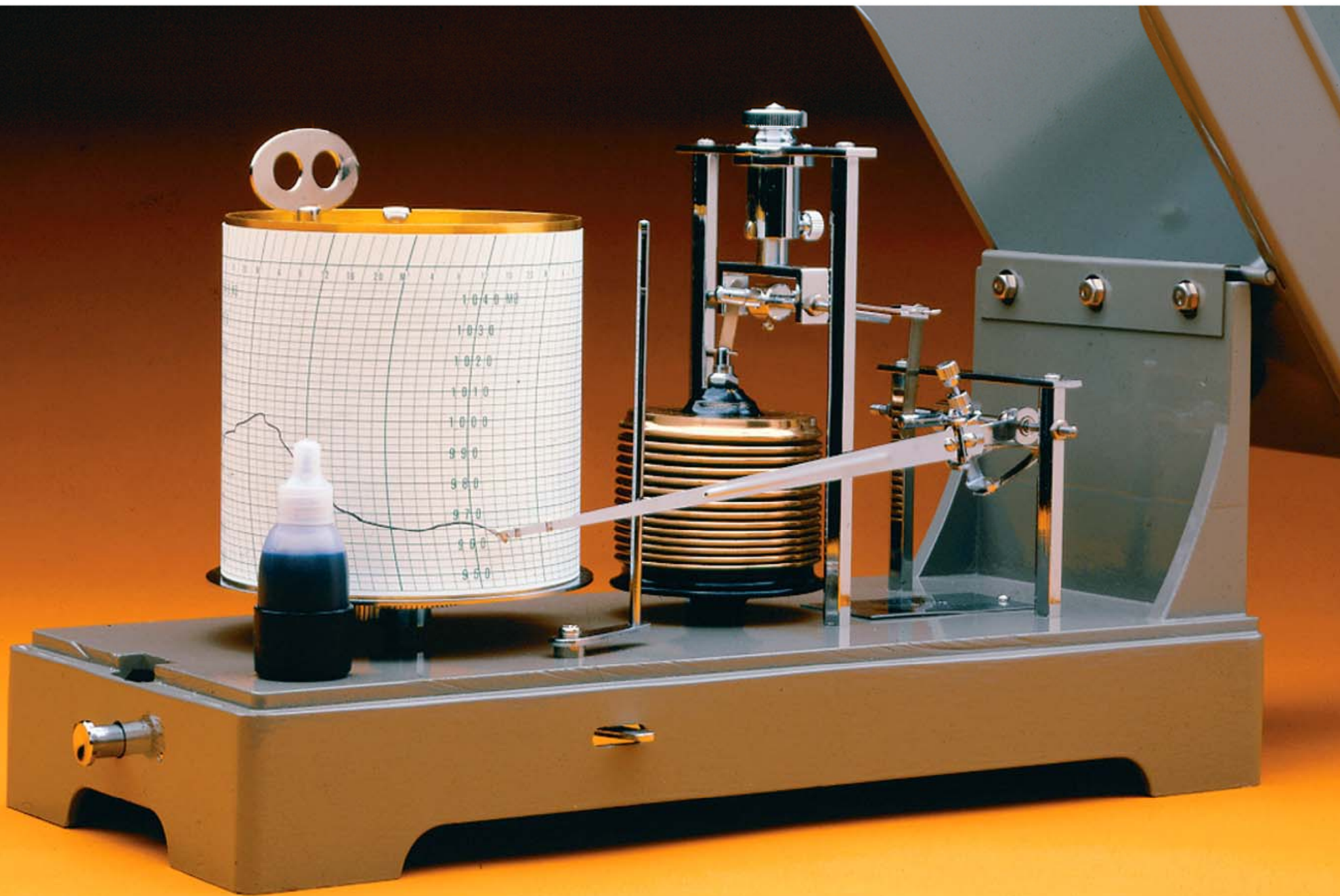


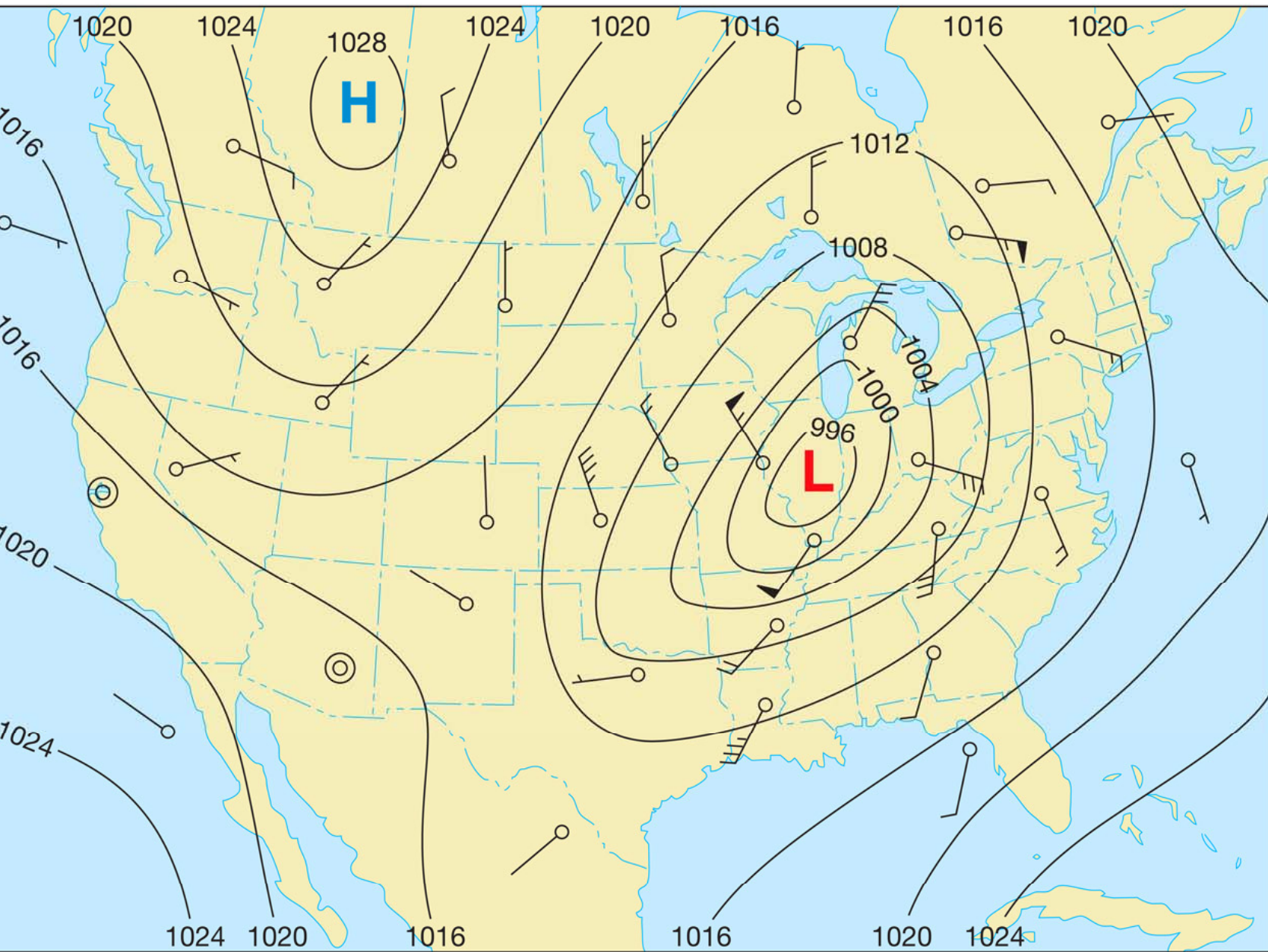


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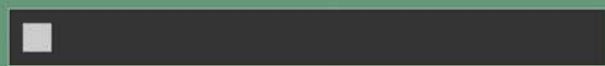






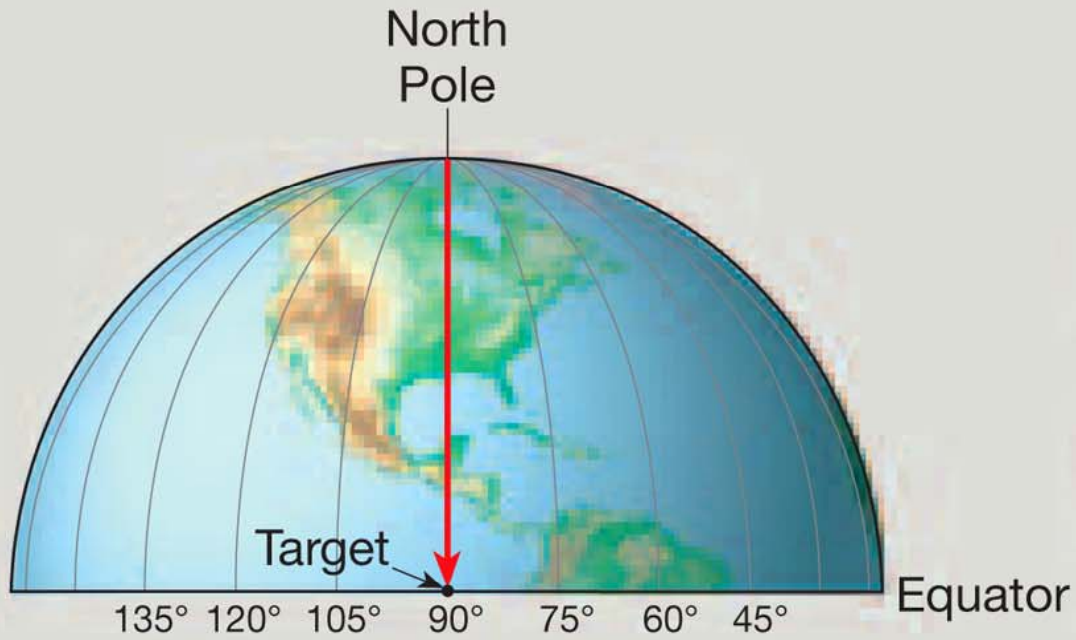
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☉	Calm
—	1–2
└	3–8
└└	9–14
└└└	15–20
└└└└	21–25
└└└└└	26–31
└└└└└└	32–37
└└└└└└└	38–43
└└└└└└└└	44–49
└└└└└└└└└	50–54
└└└└└└└└└└	55–60
└└└└└└└└└└└	61–66
└└└└└└└└└└└└	67–71
└└└└└└└└└└└└└	72–77
└└└└└└└└└└└└└└	78–83
└└└└└└└└└└└└└└└	84–89
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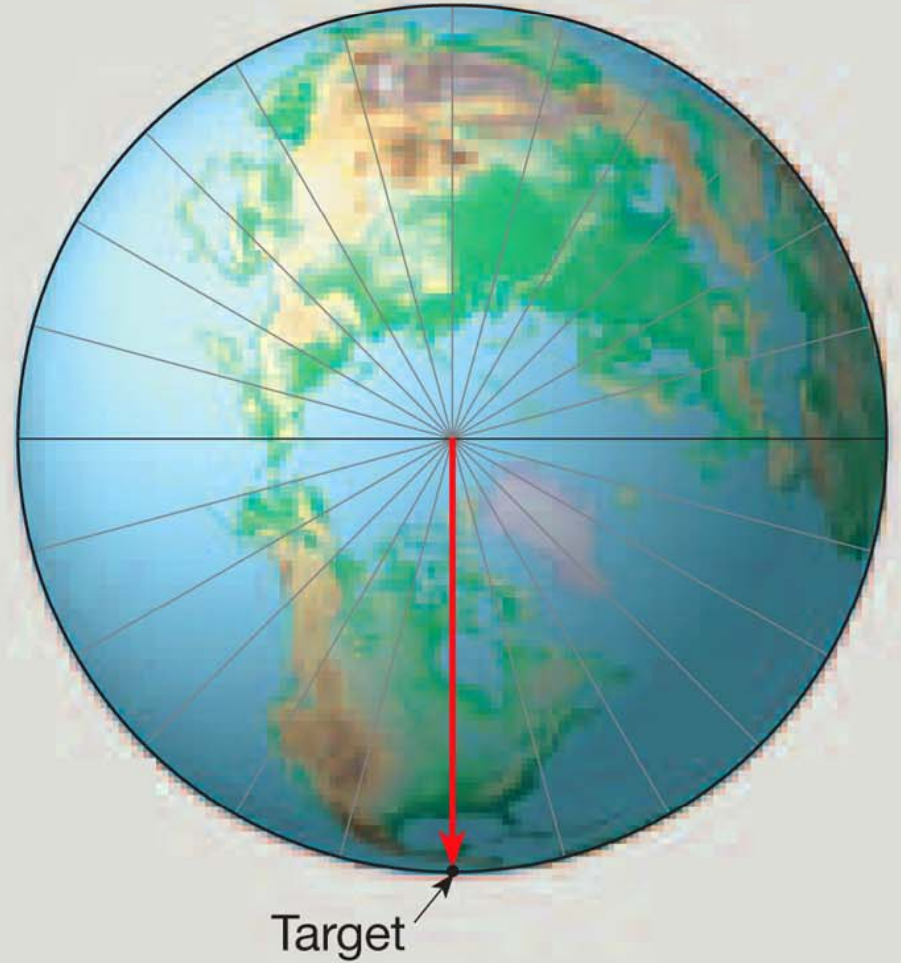


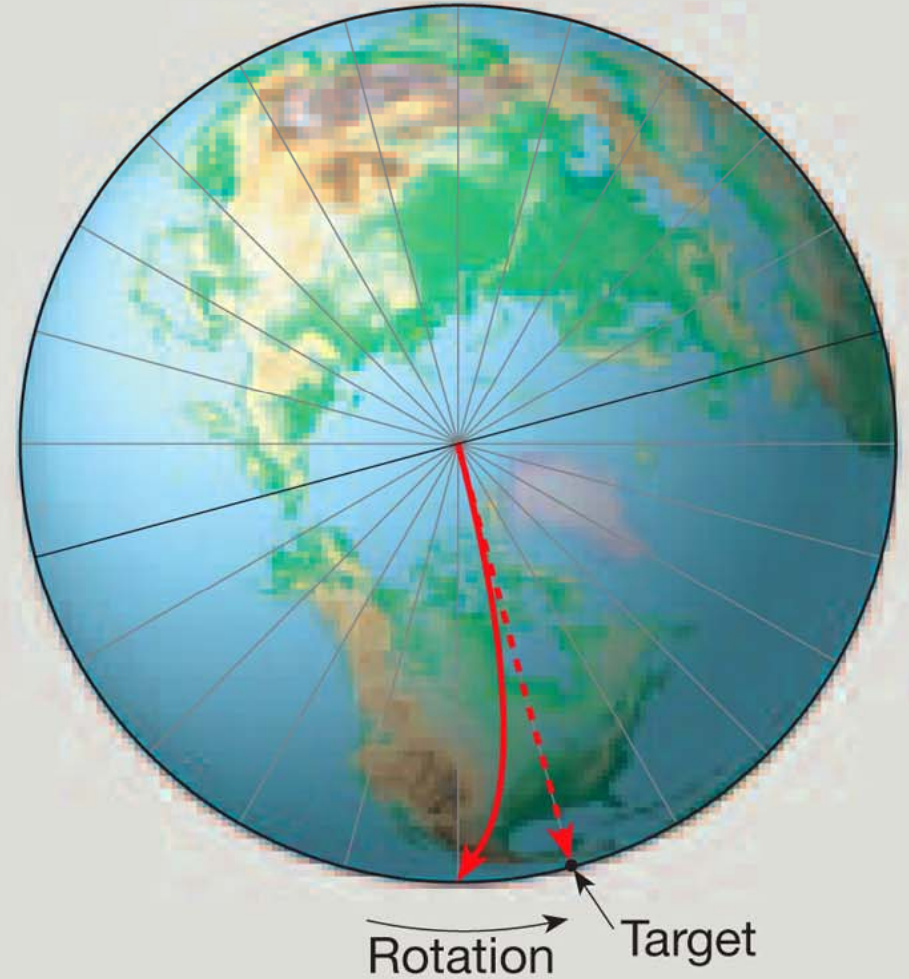
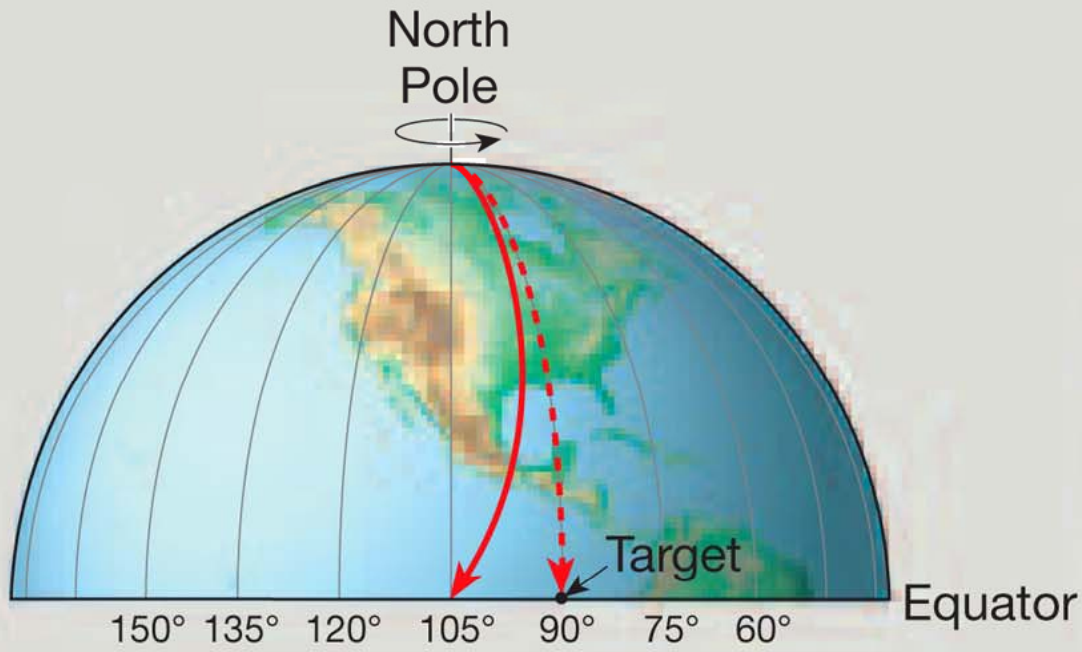
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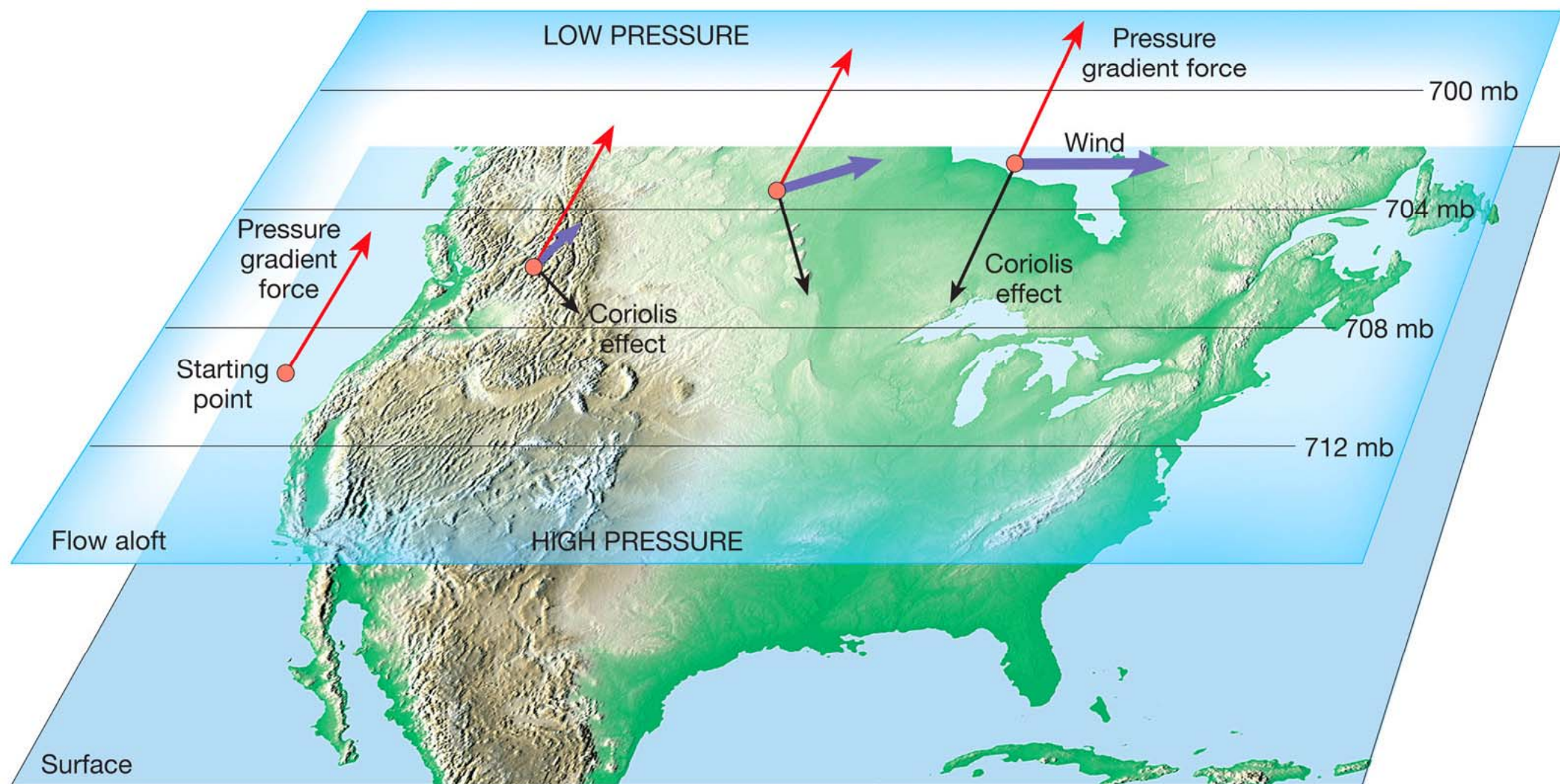


A. Non-rotating Earth

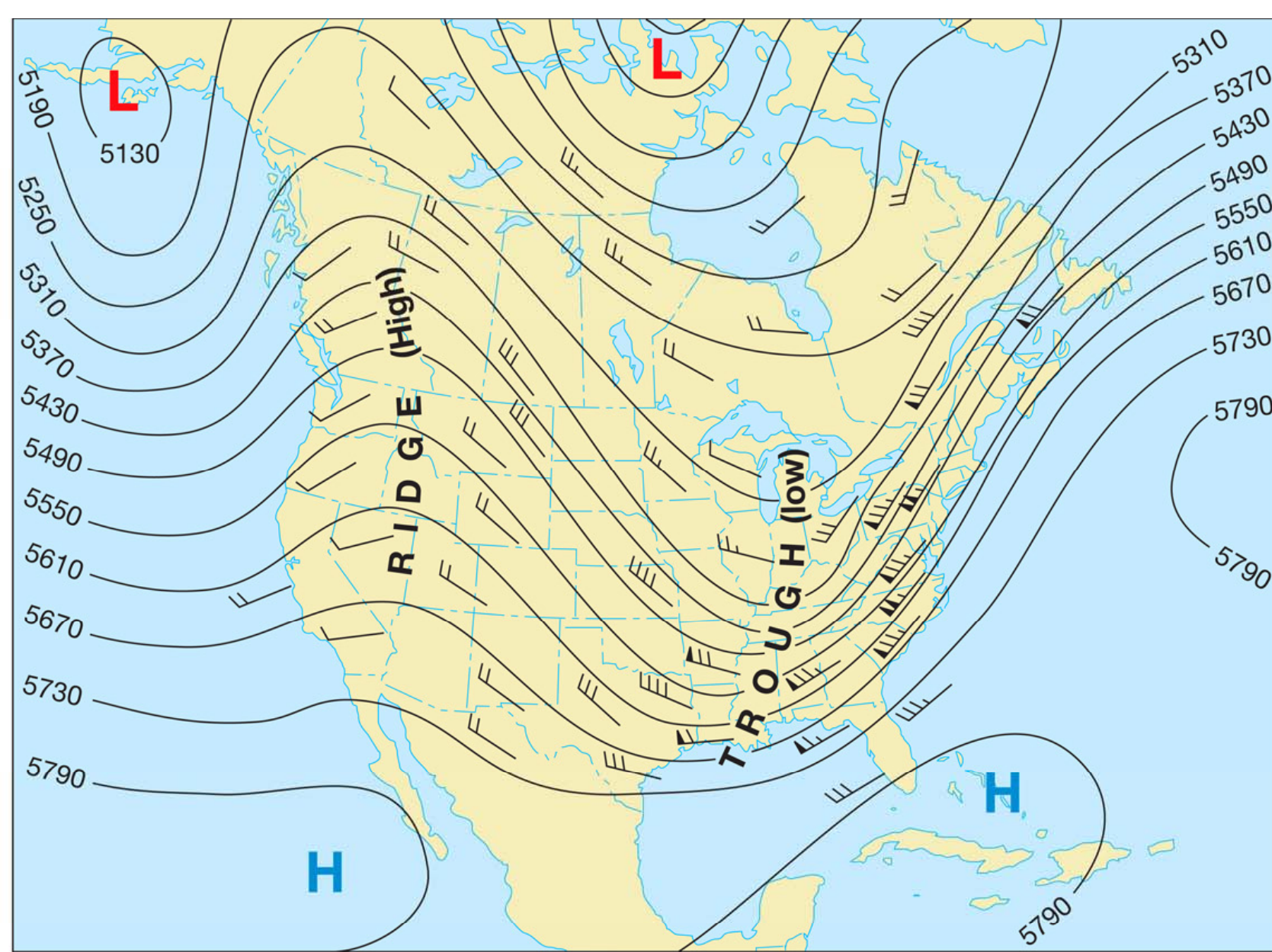




B. Rotating Earth

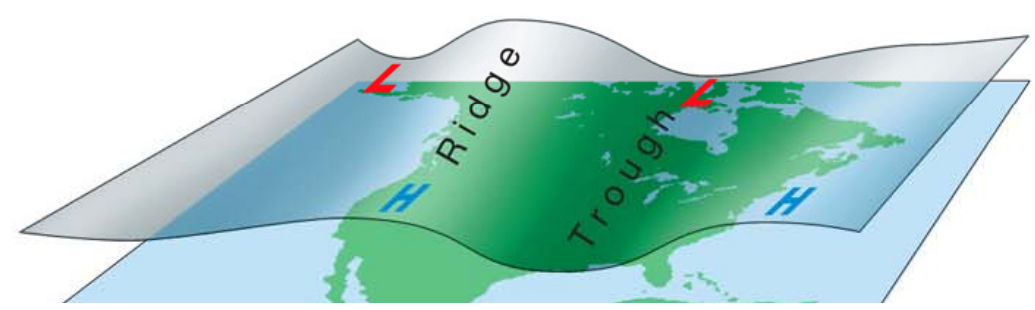


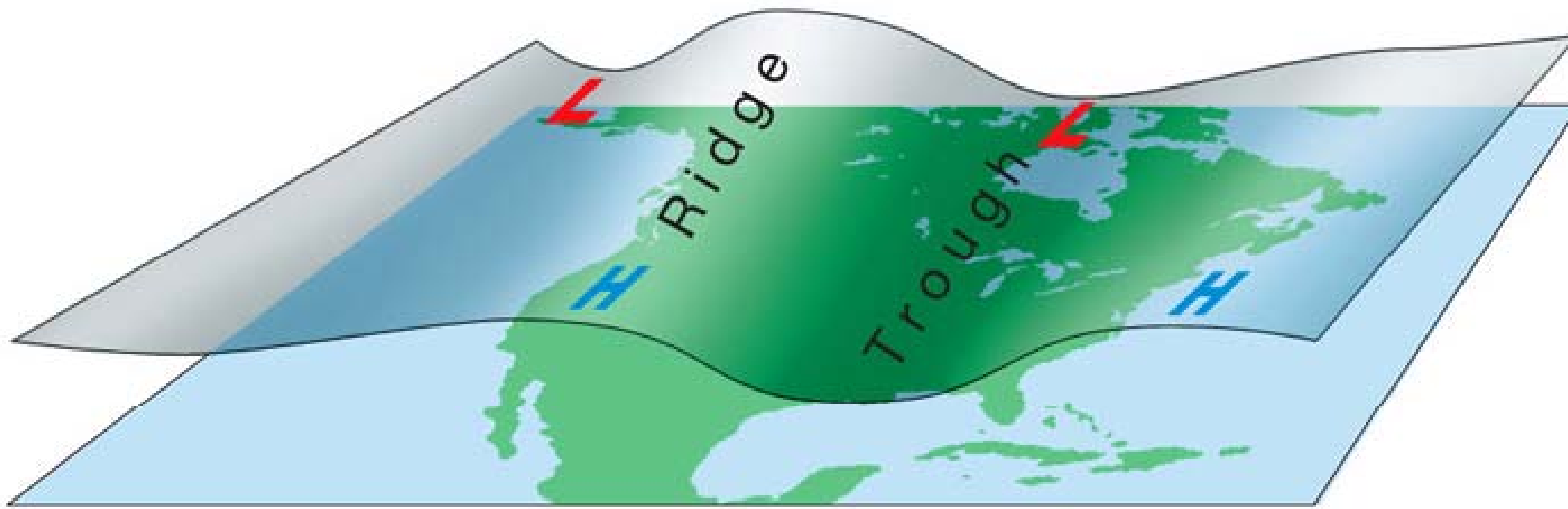
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ff	Miles per hour
☉	Calm
—	1–2
—	3–8
— /	9–14
— //	15–20
— ///	21–25
— ////	26–31
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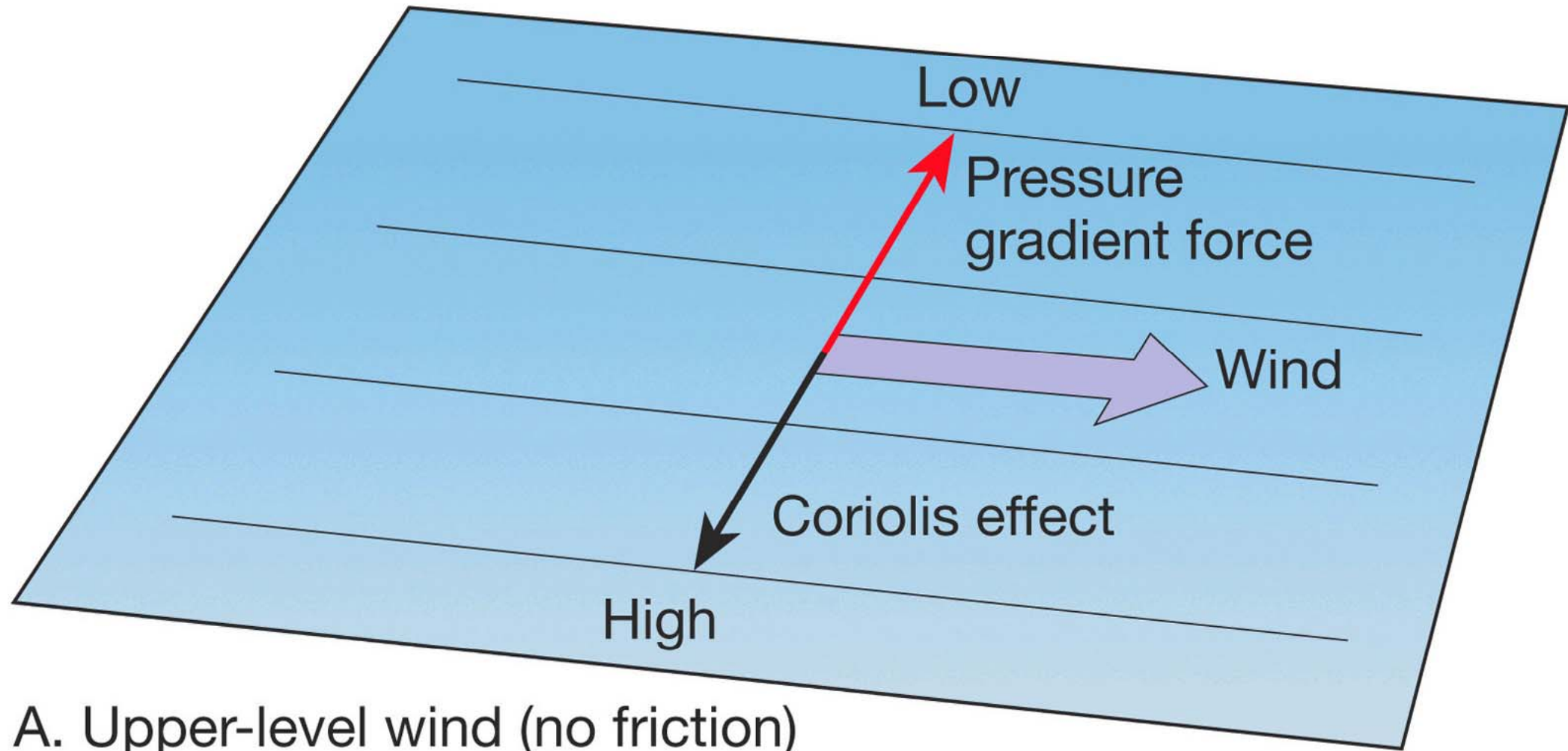
A. Upper-level weather chart



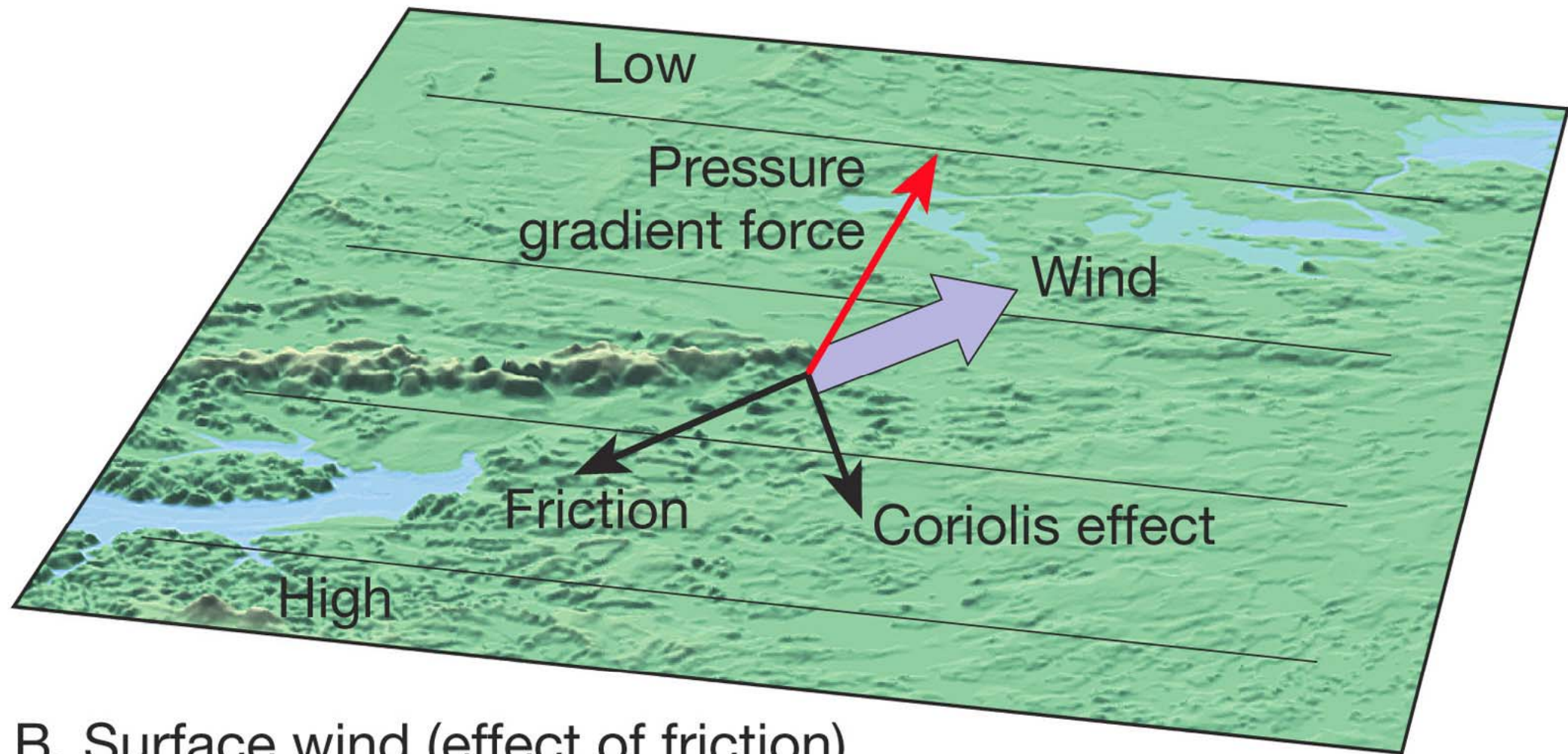


B. Representation of upper-level chart

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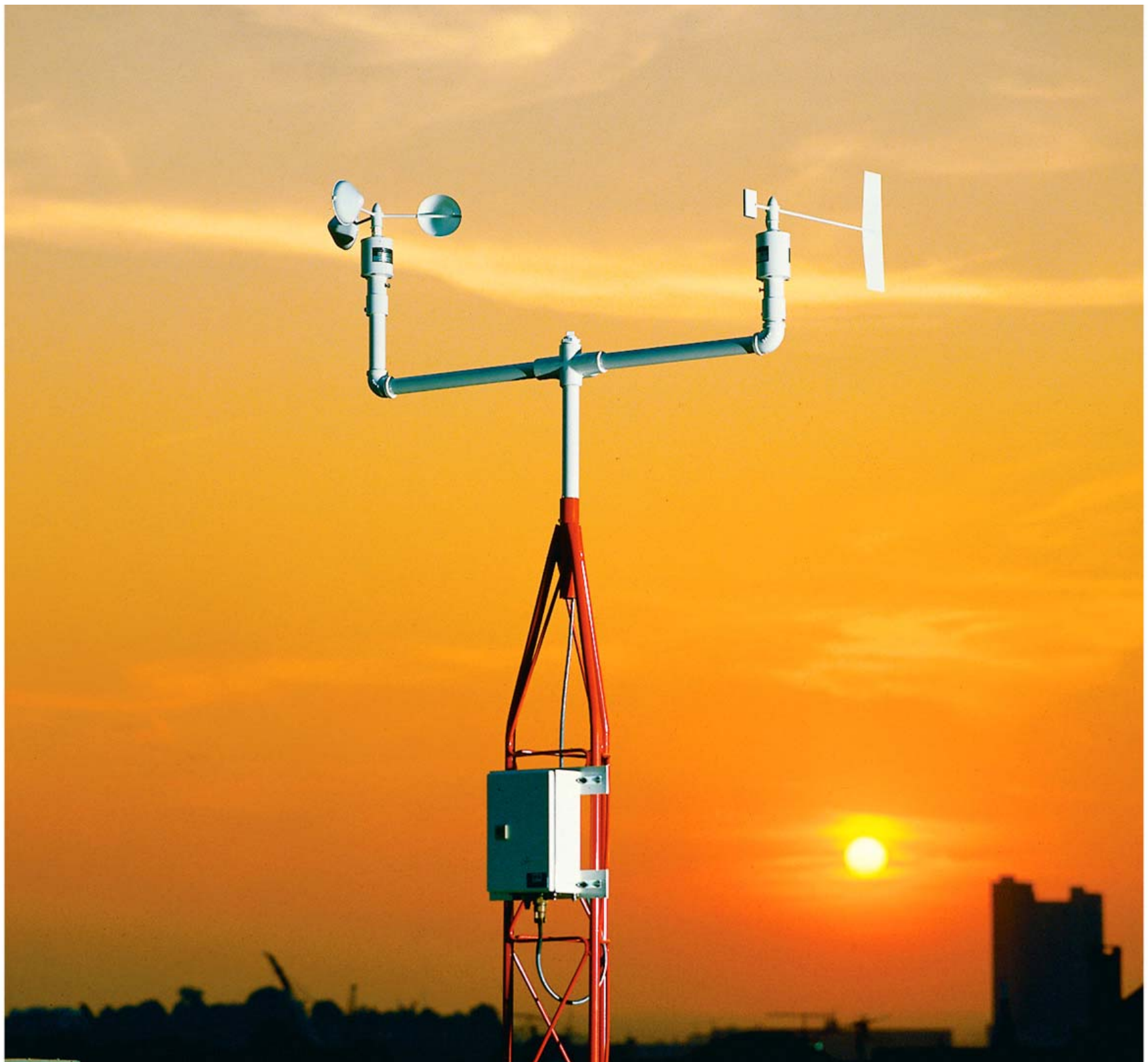


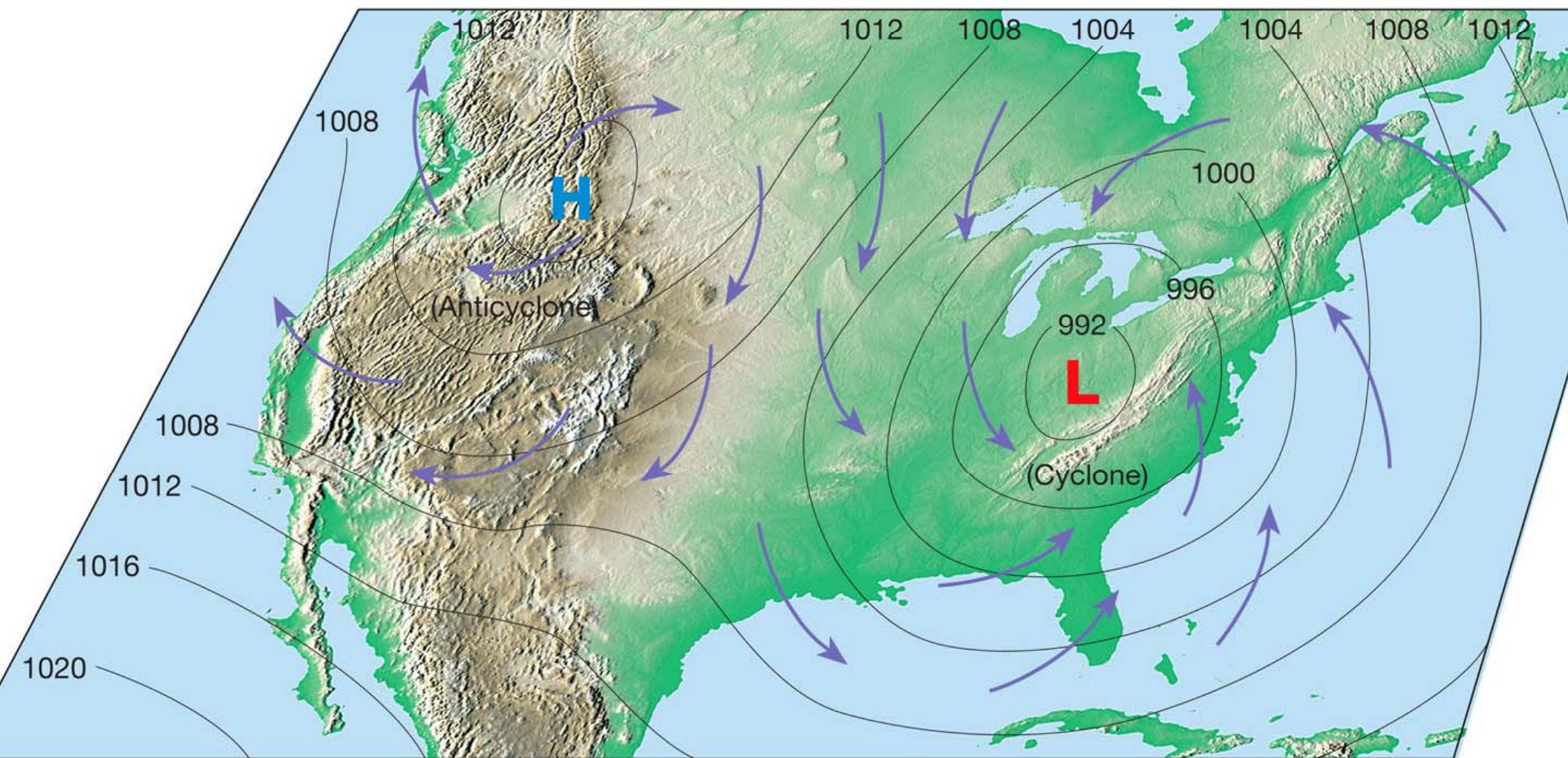
A. Upper-level wind (no friction)



B. Surface wind (effect of friction)

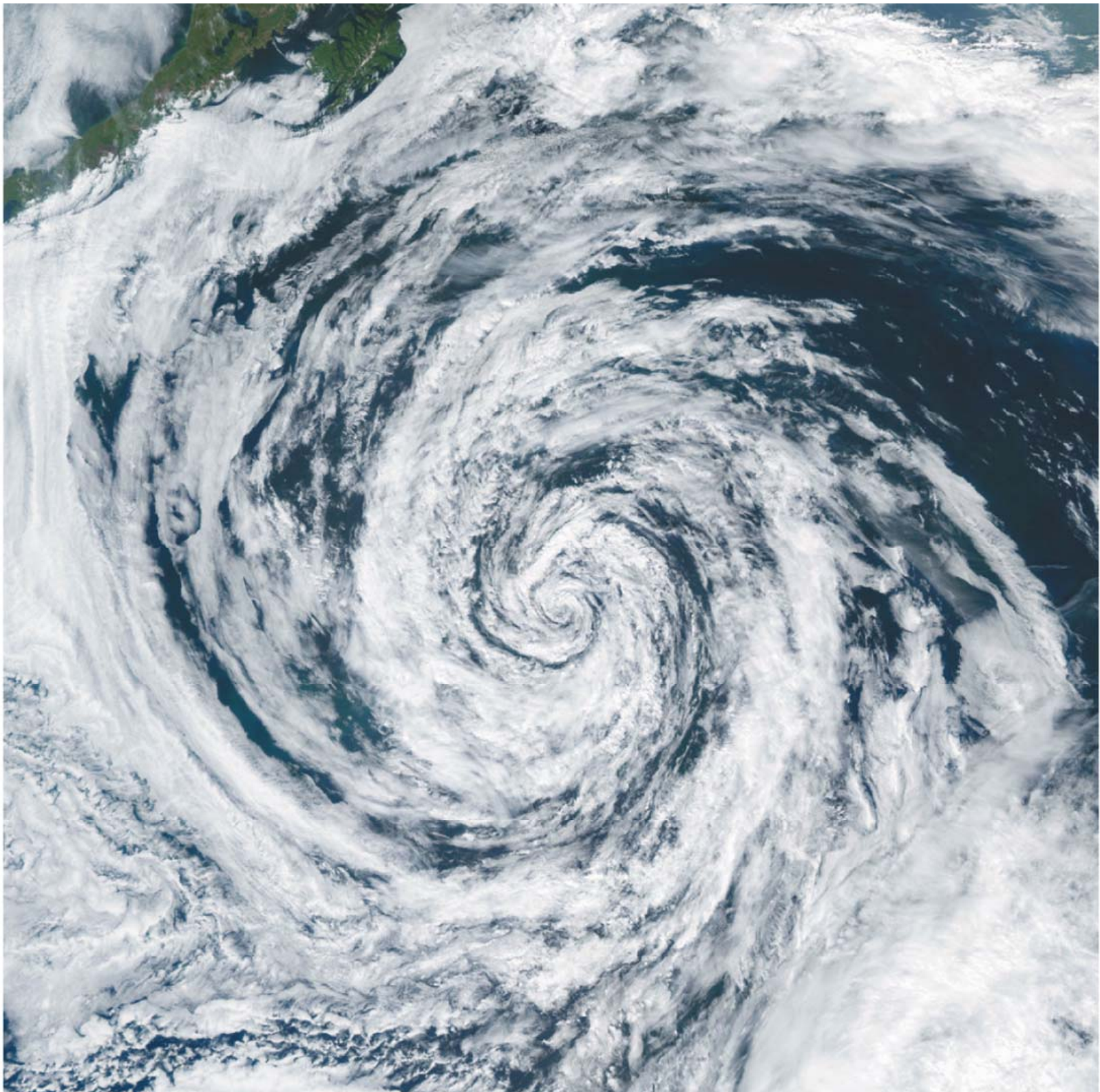
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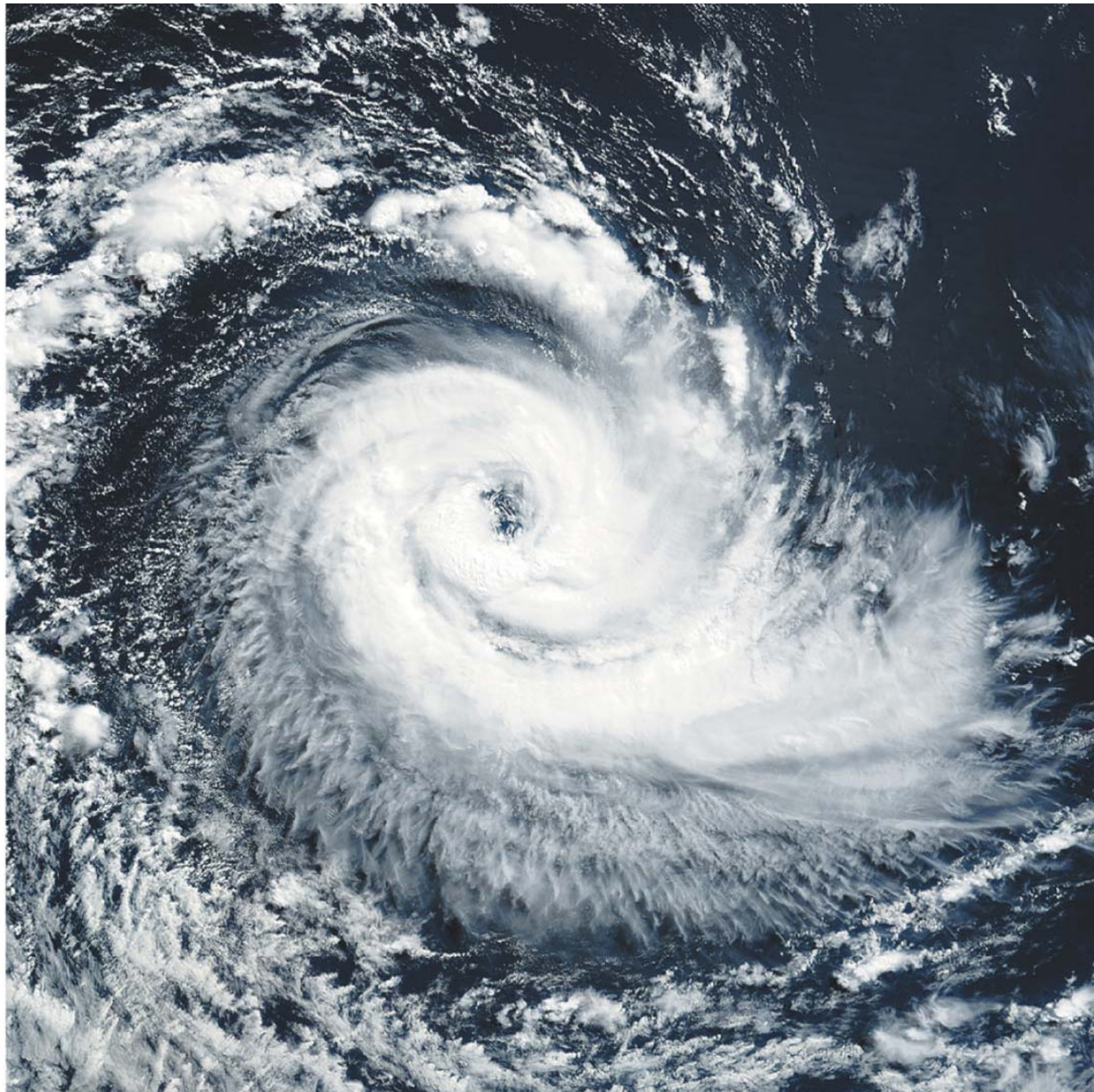


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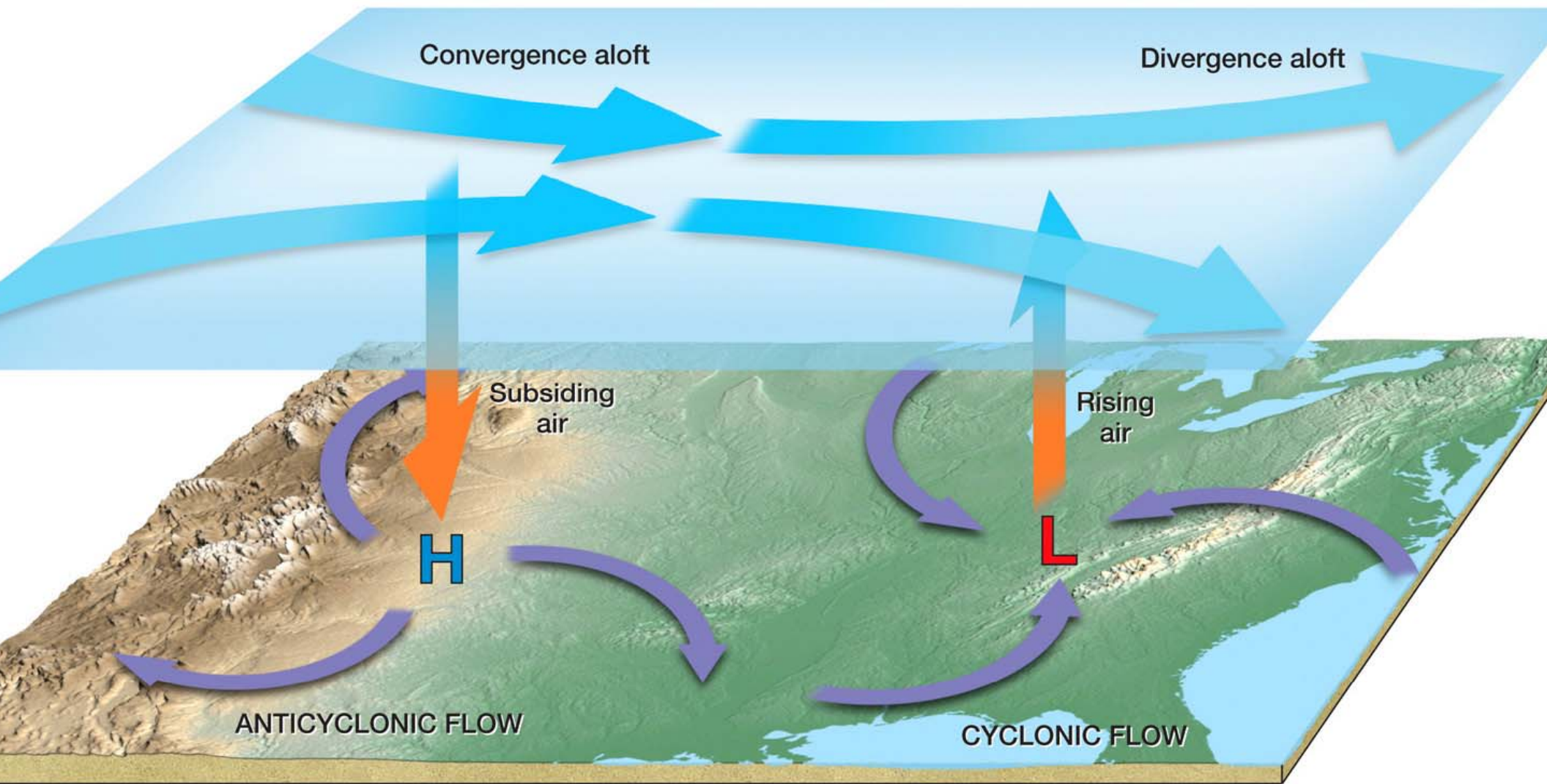
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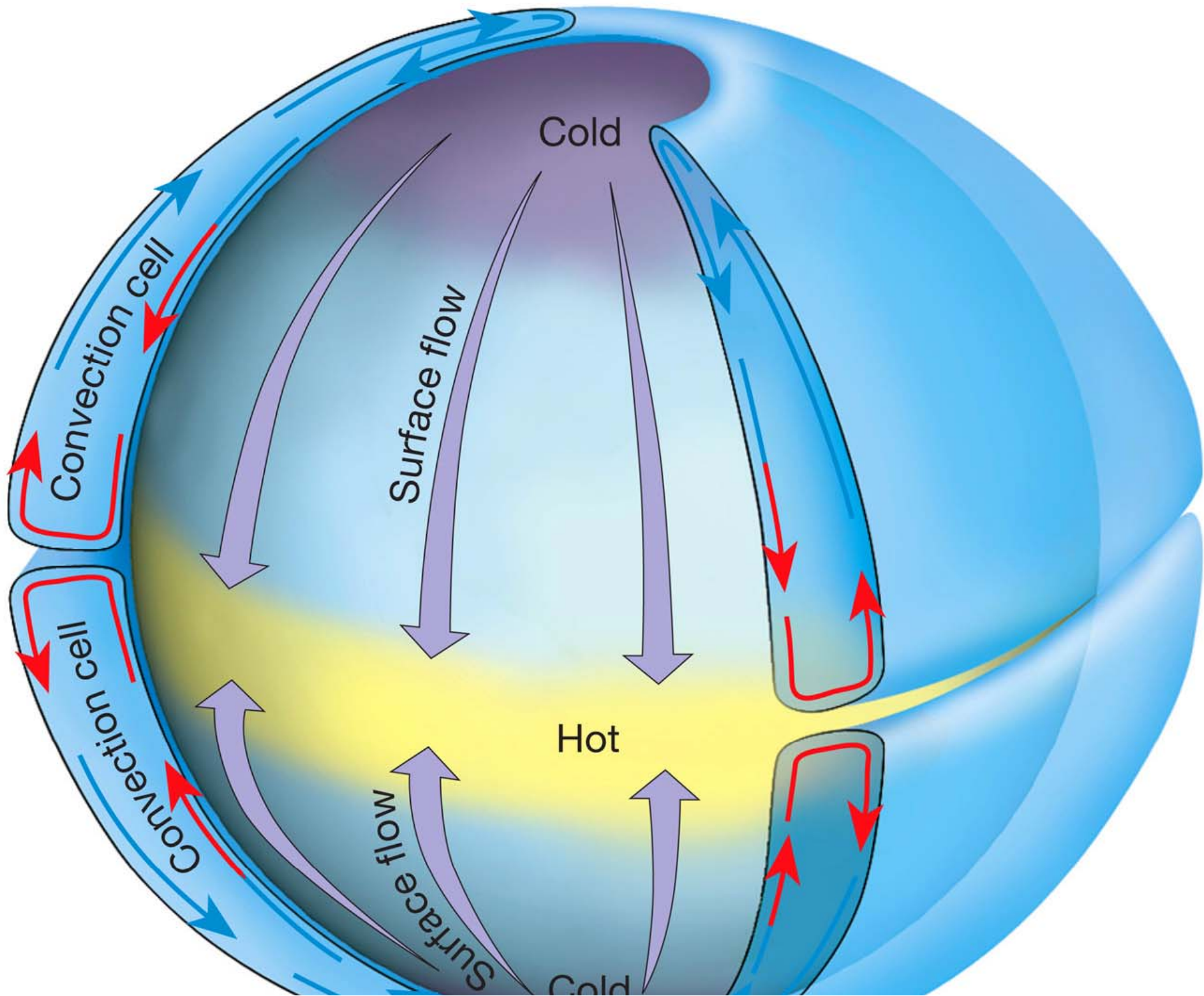
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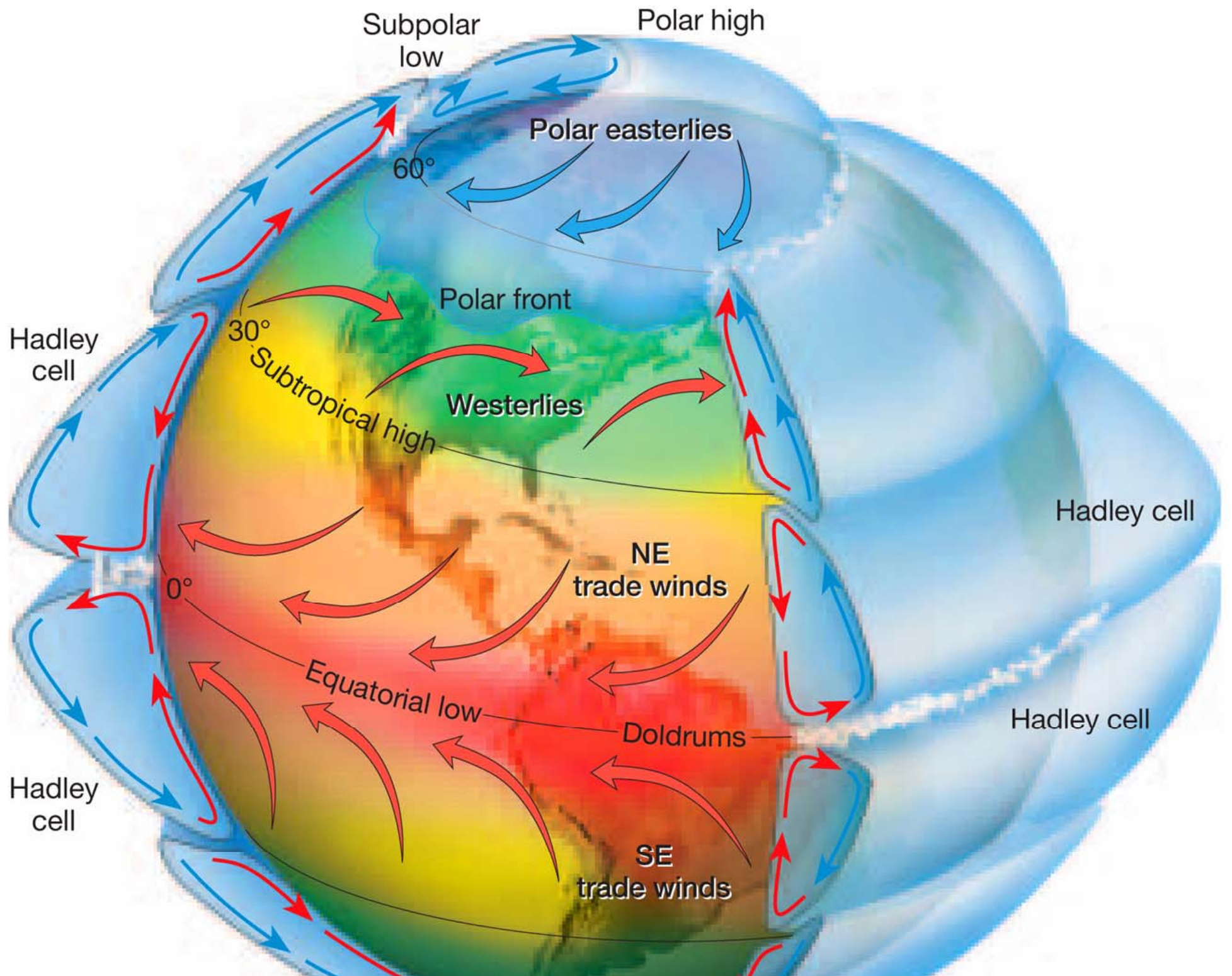


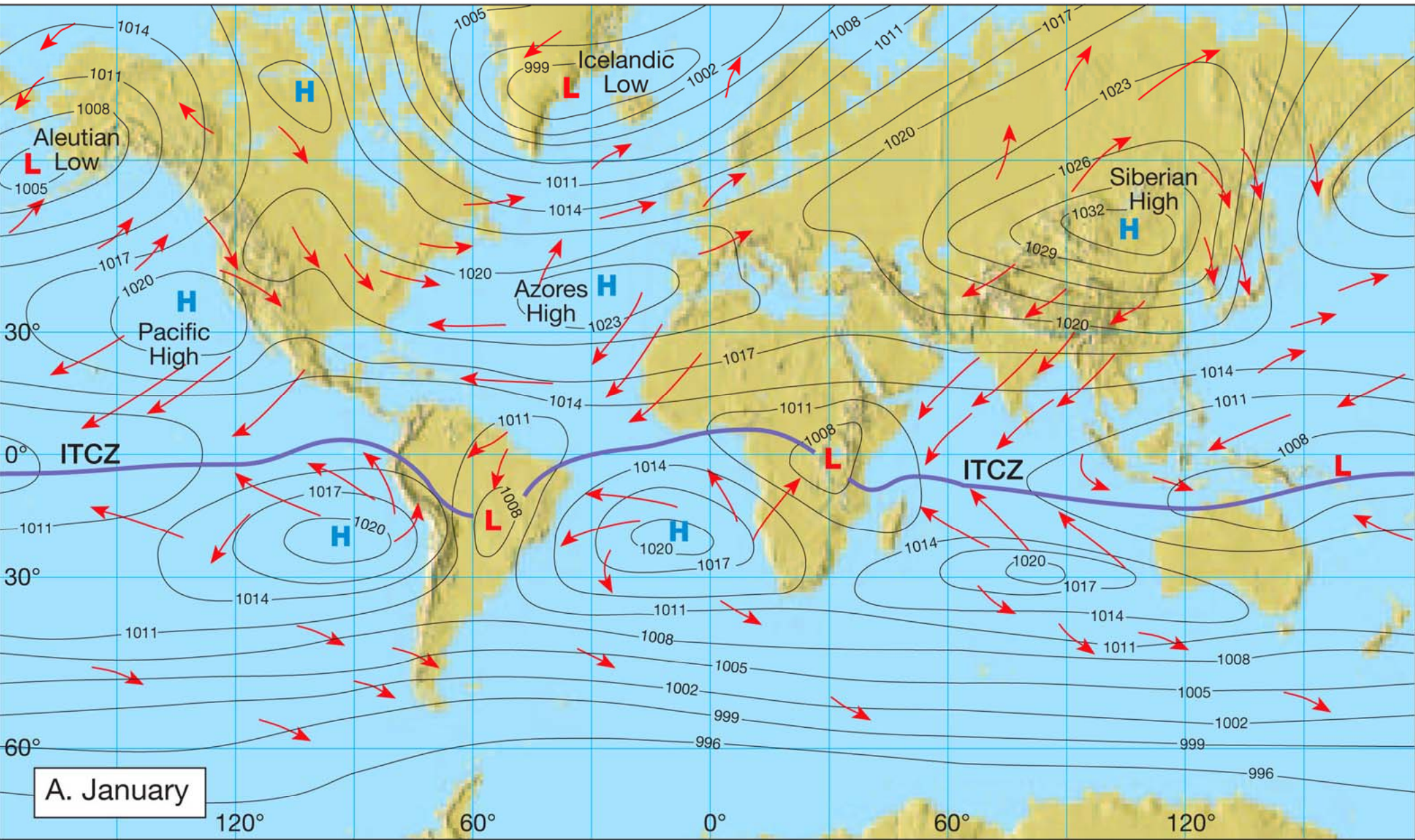
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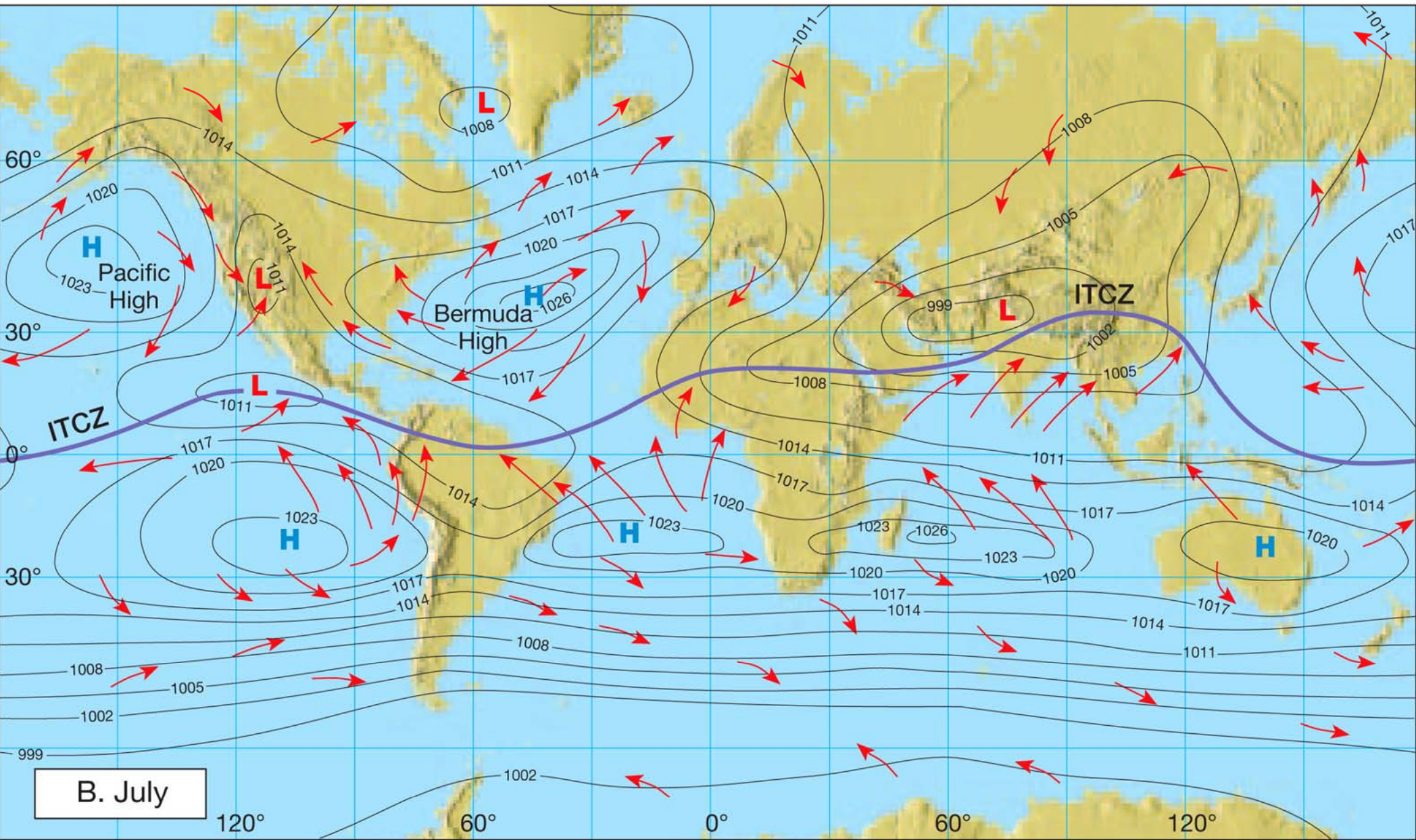




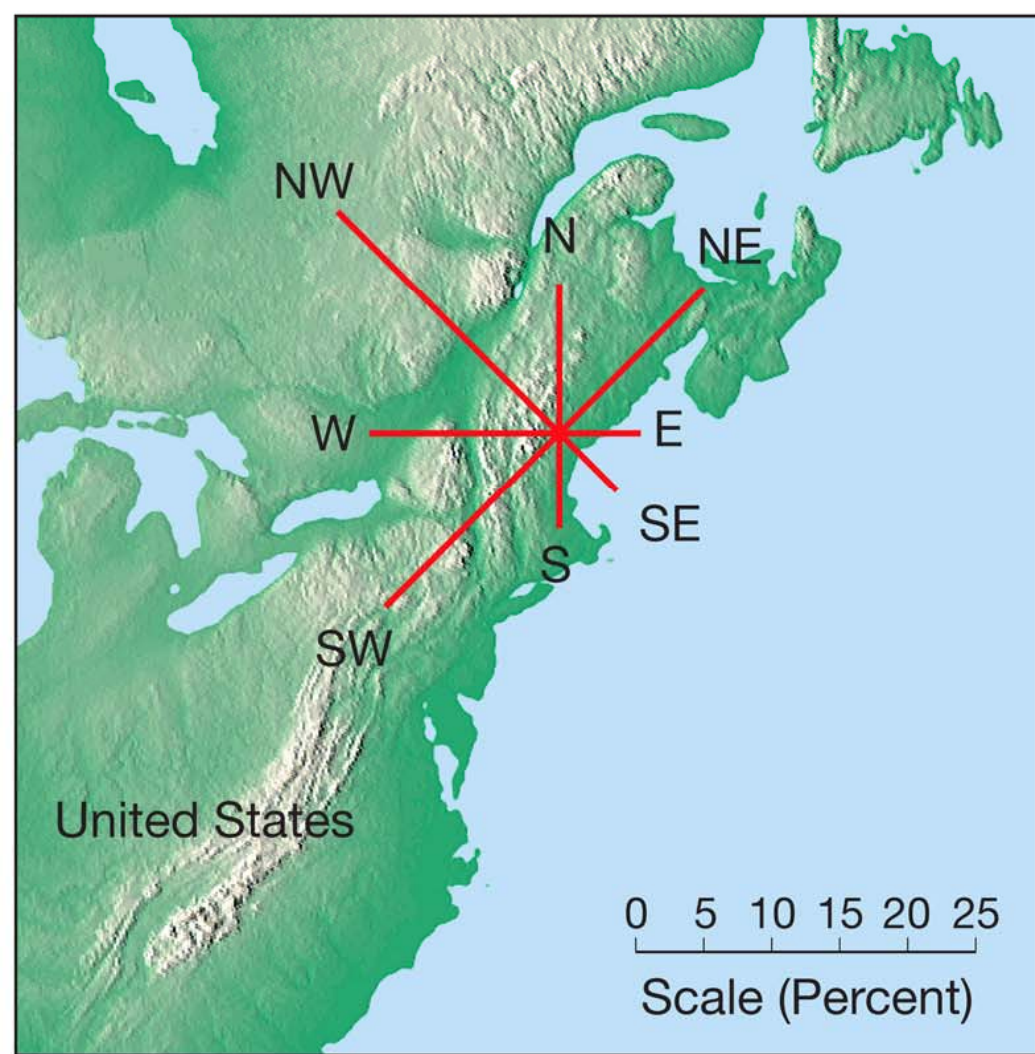




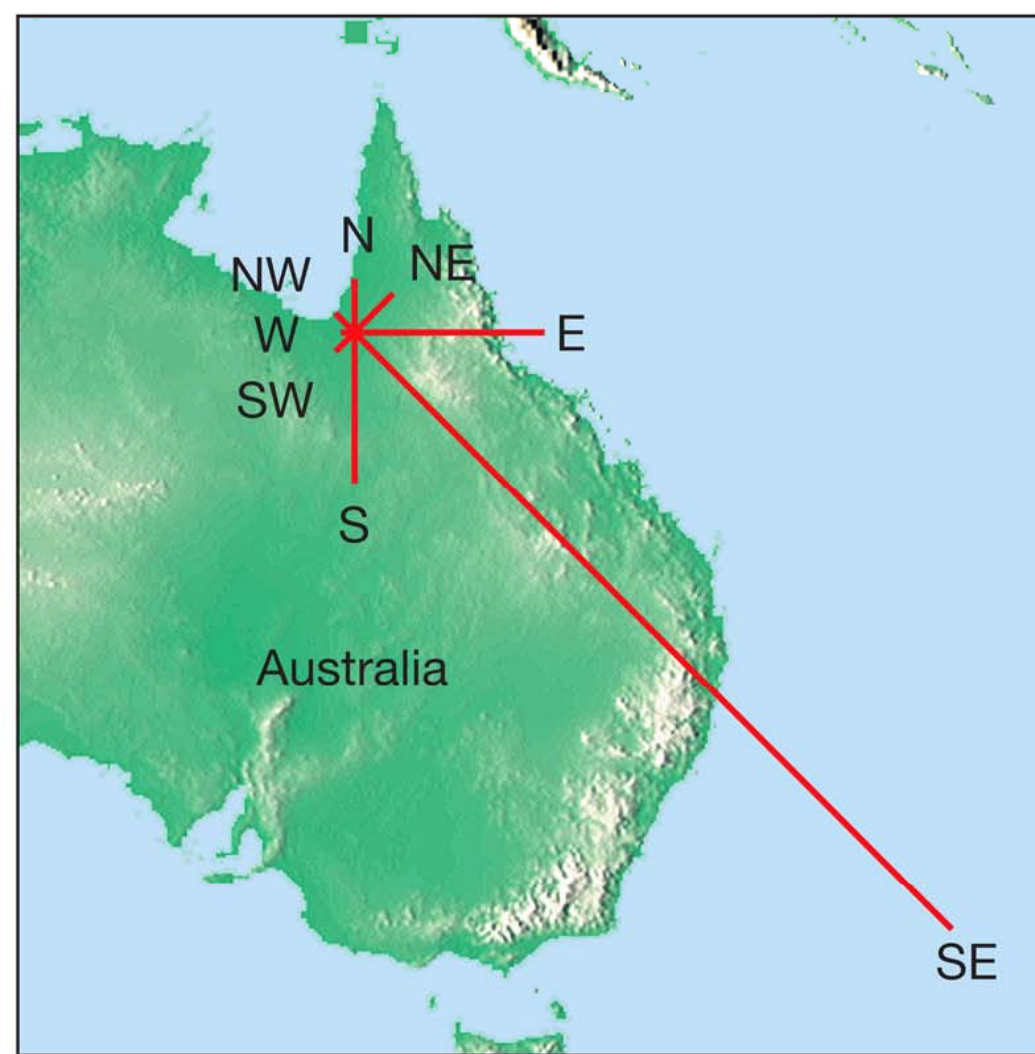




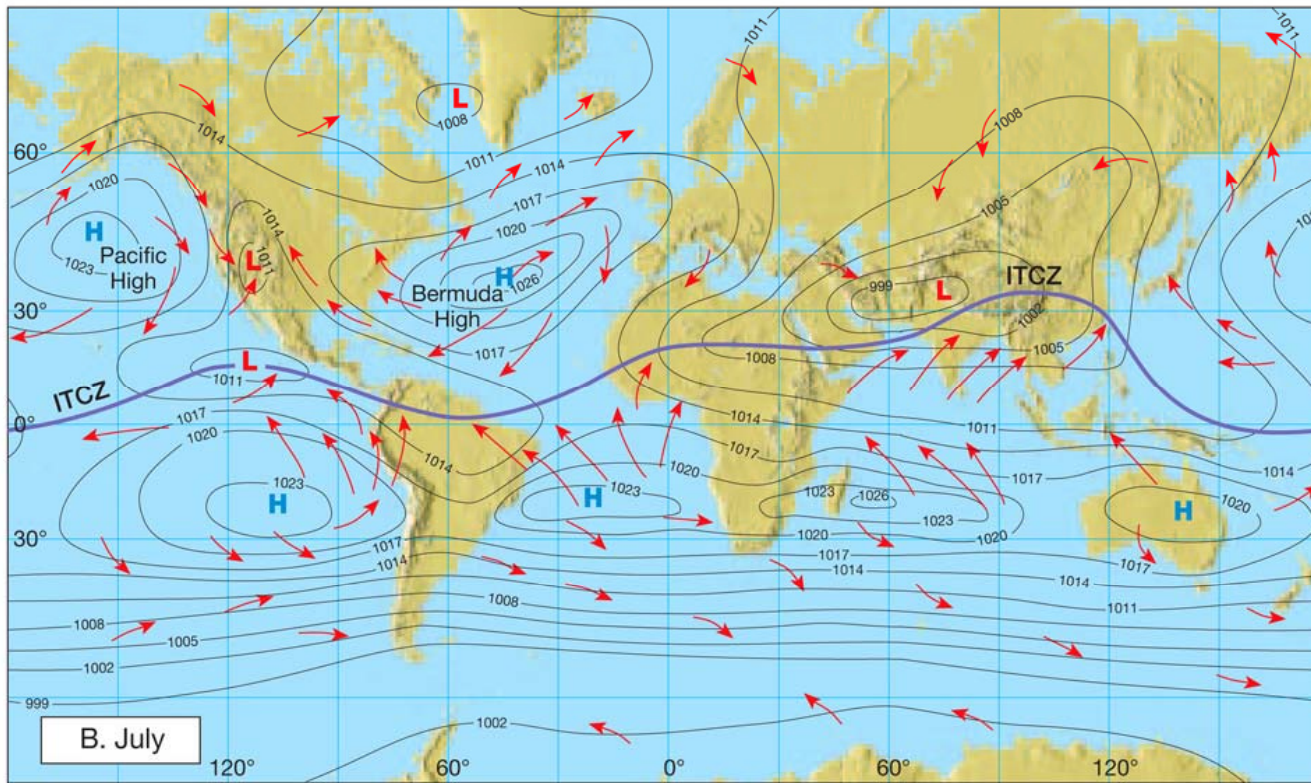
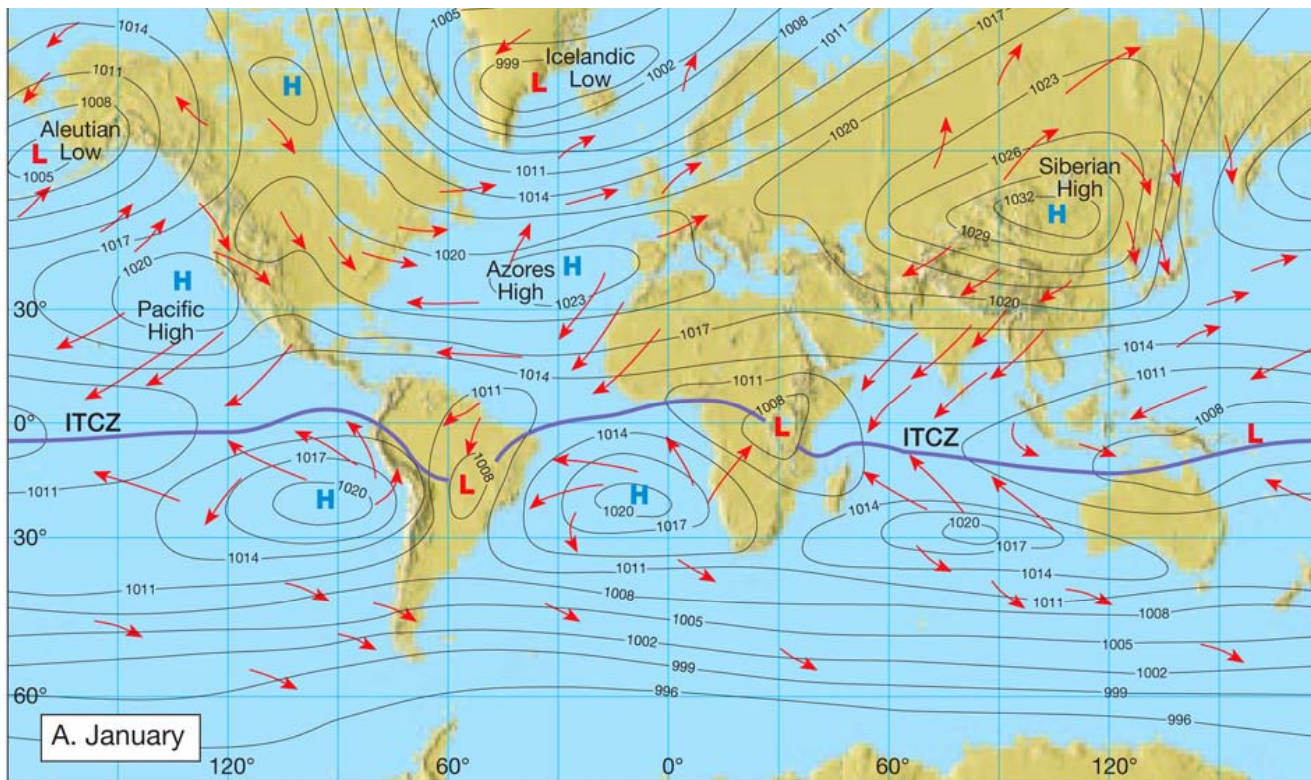
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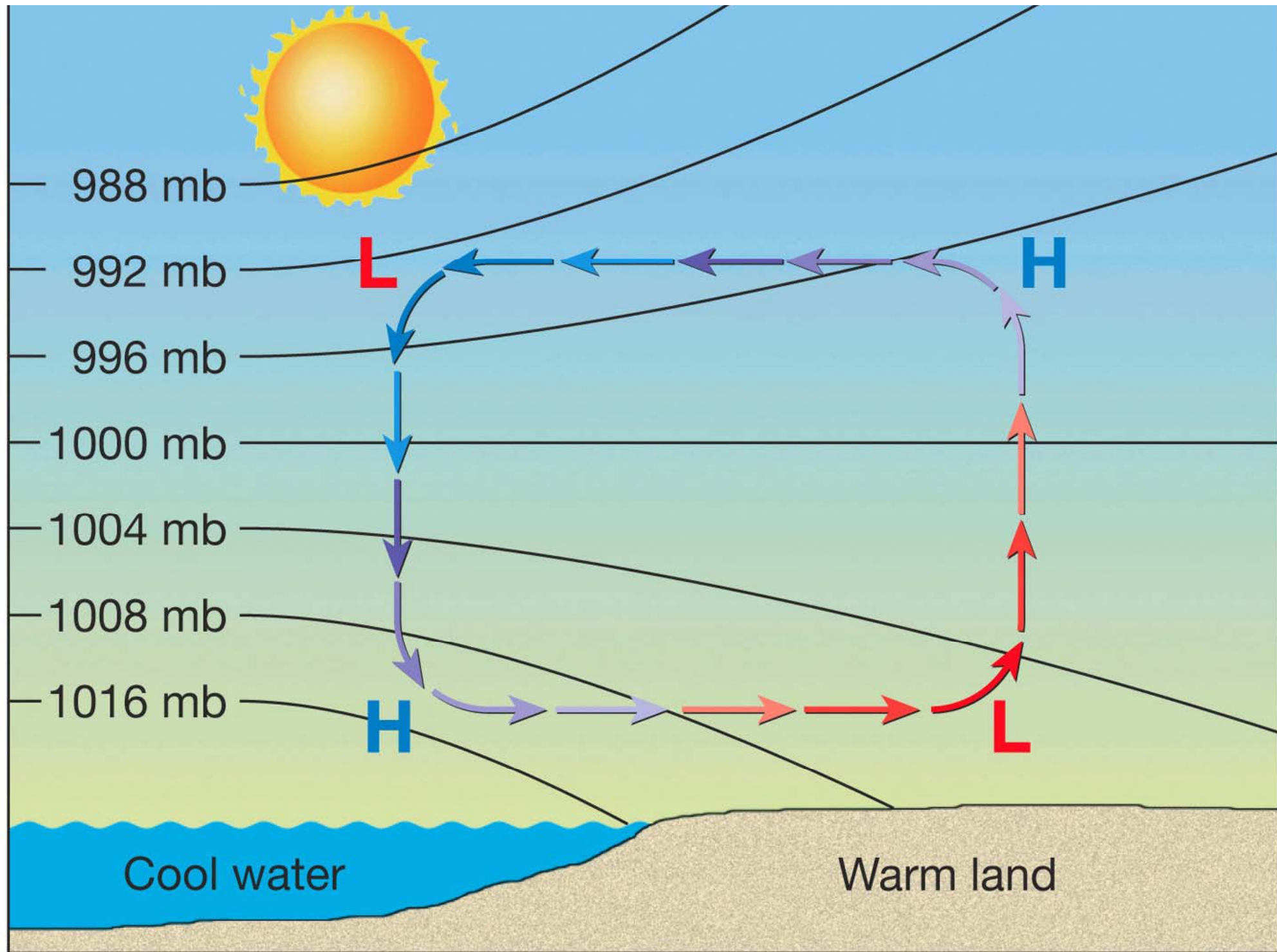


A. Westerlies (winter)

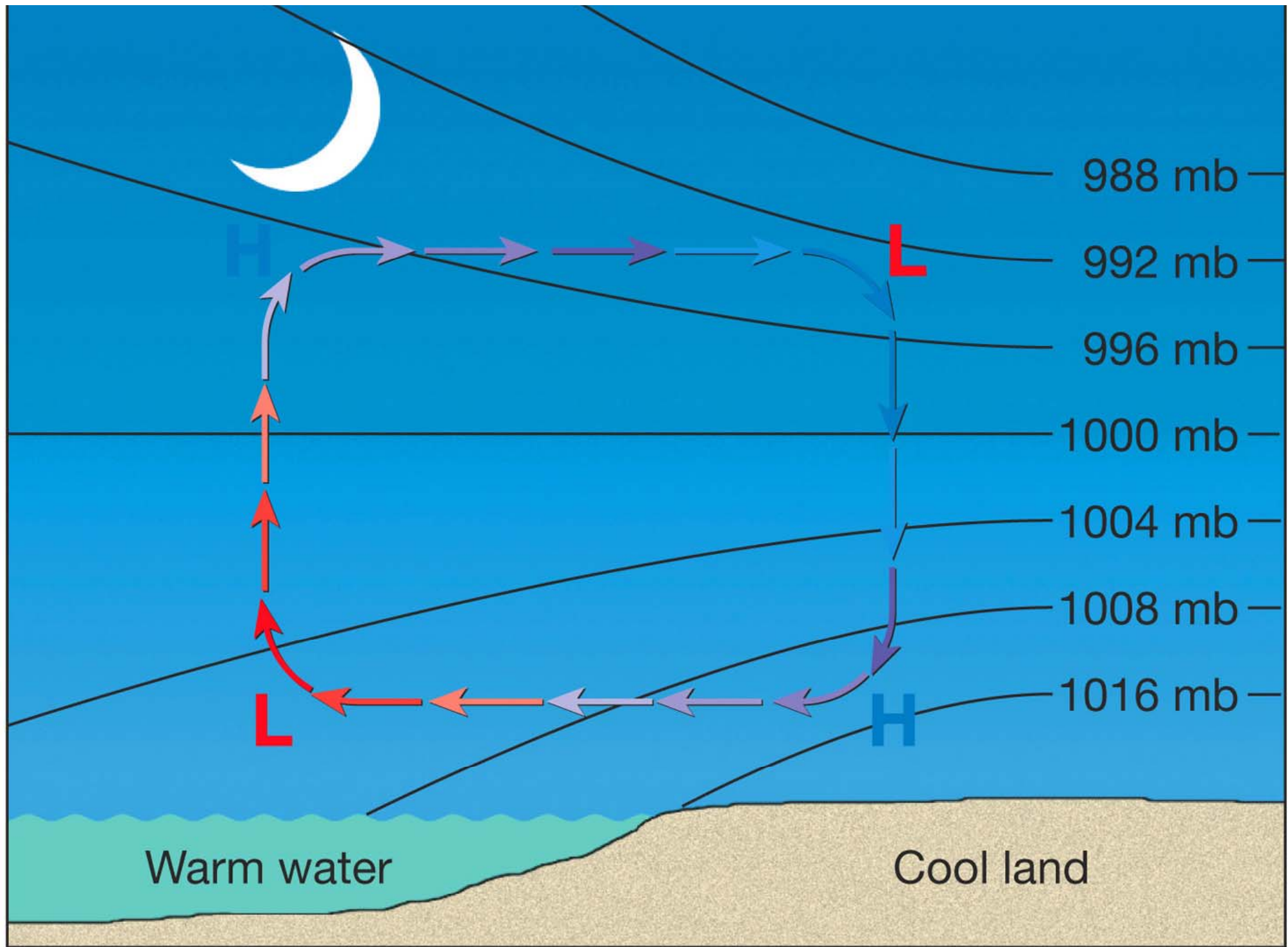


B. Southeast Trades (winter)

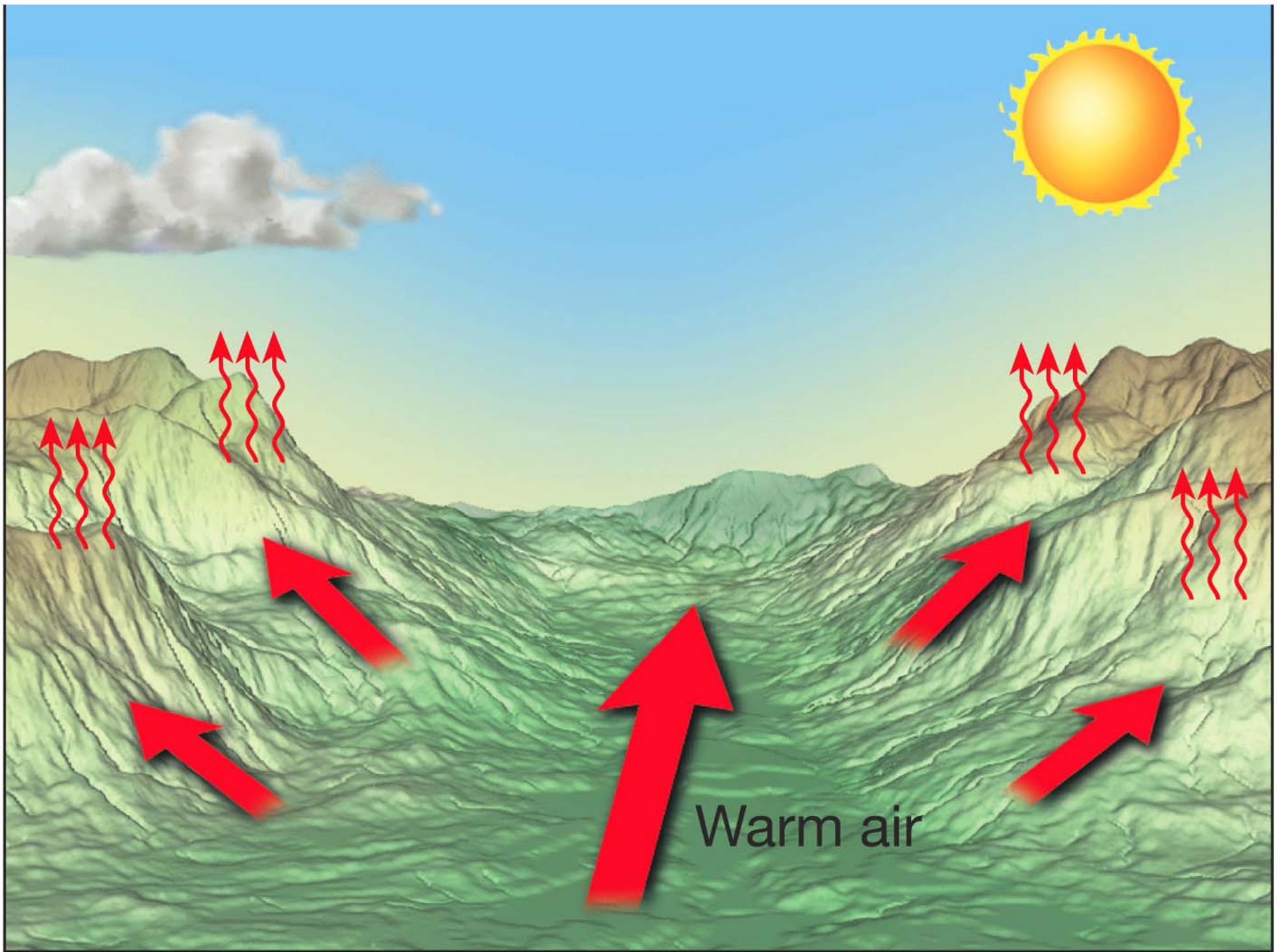




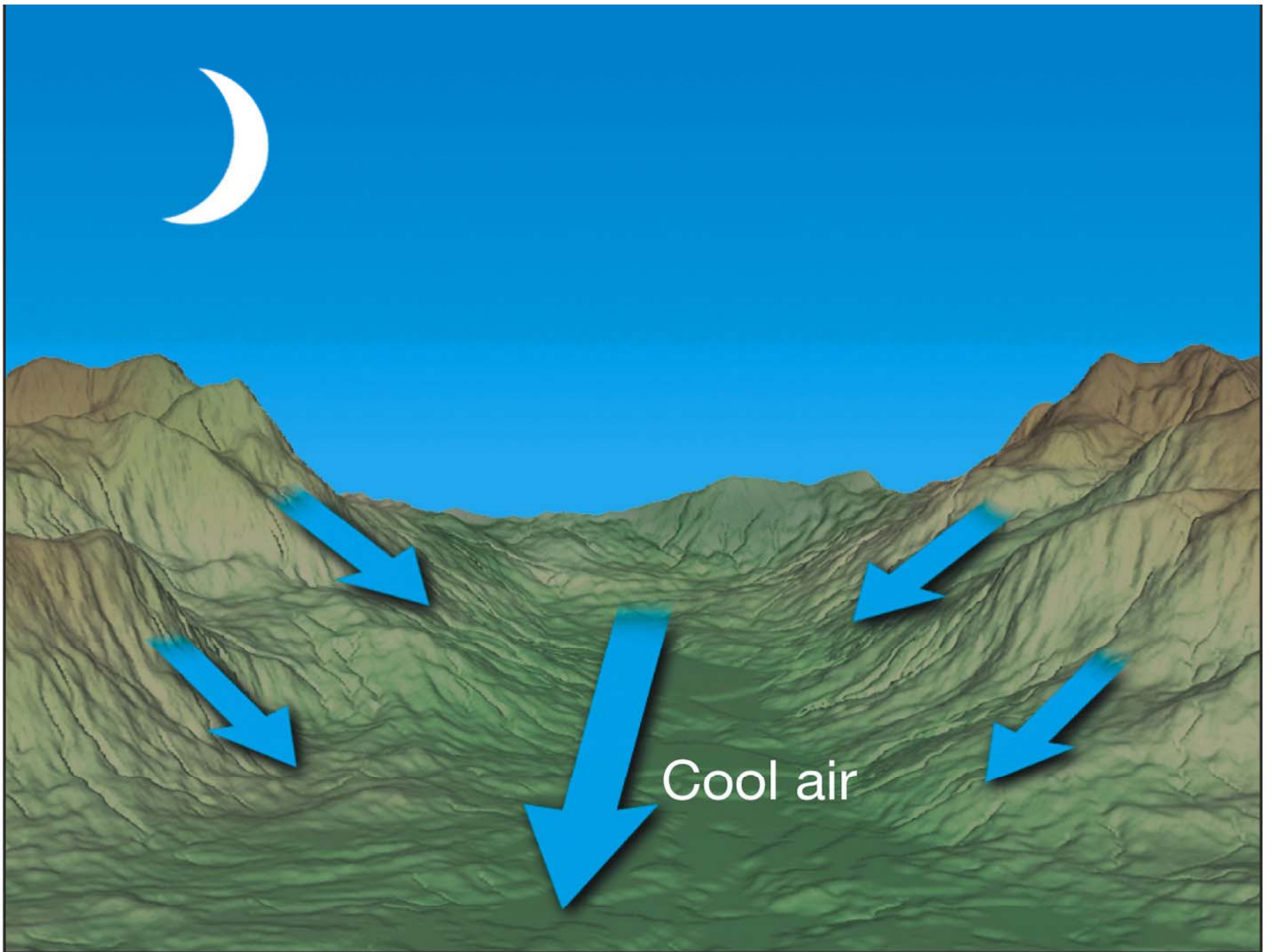
A. Sea breeze



B. Land breeze



A. Valley breeze

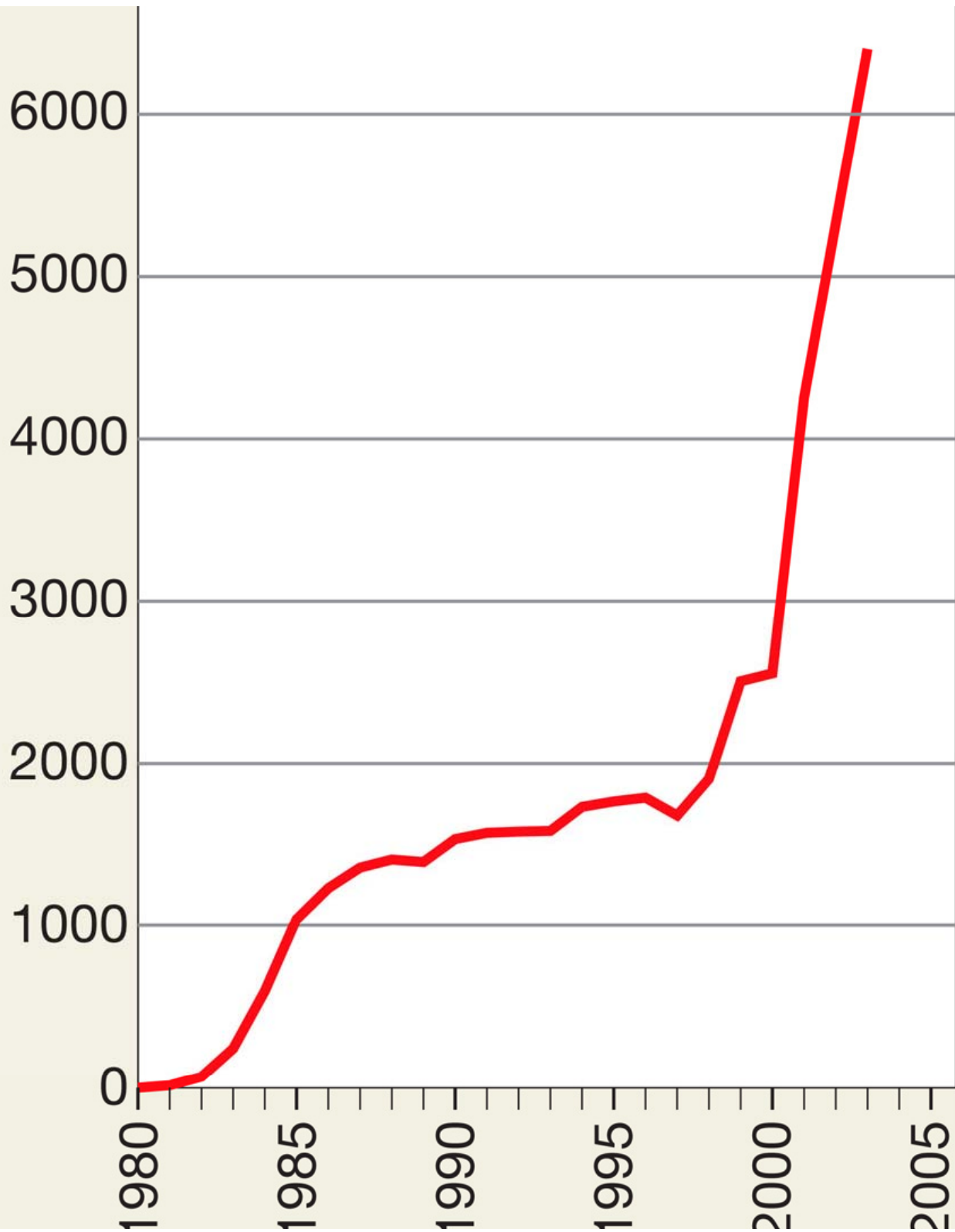


B. Mountain breeze

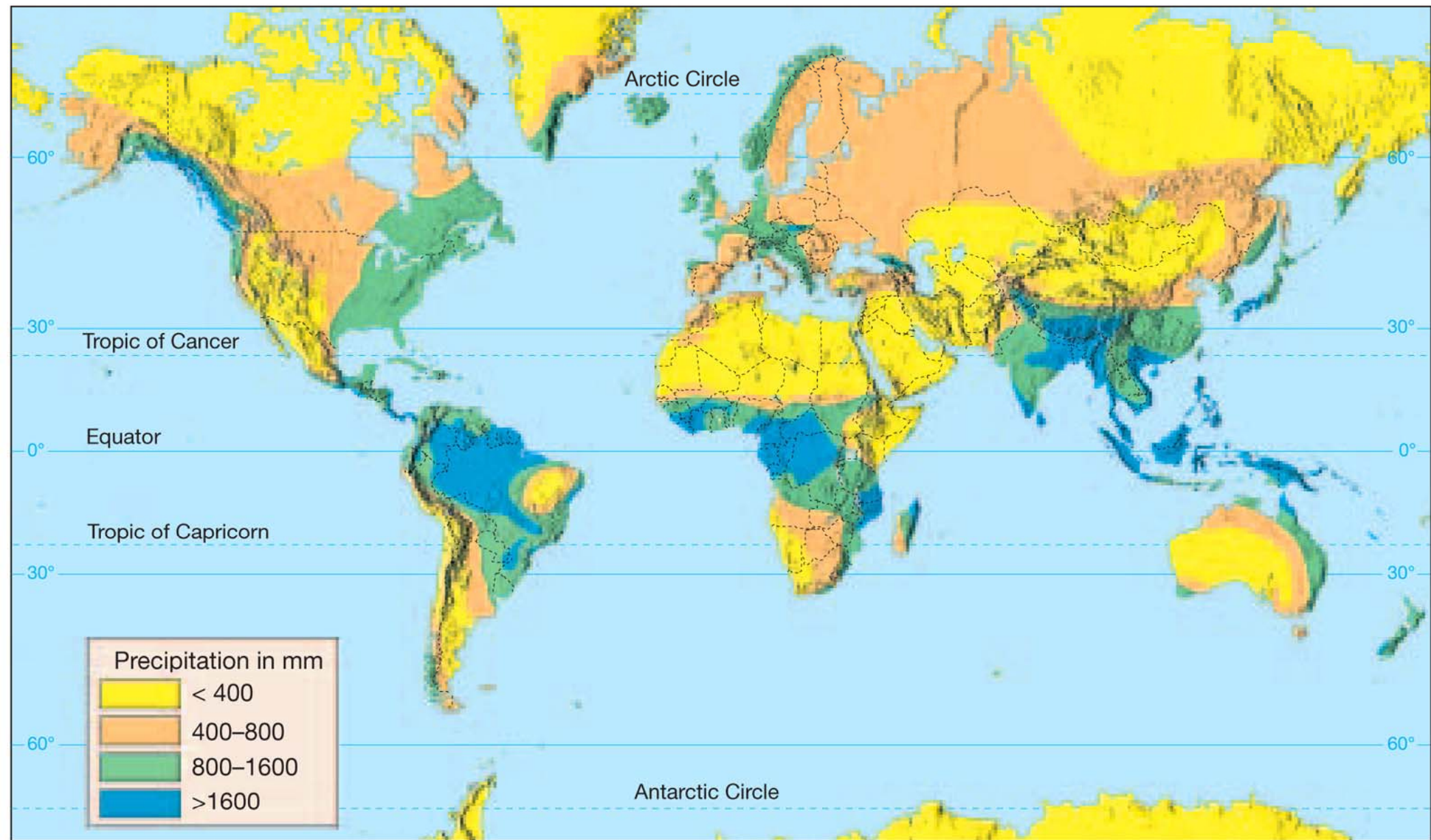


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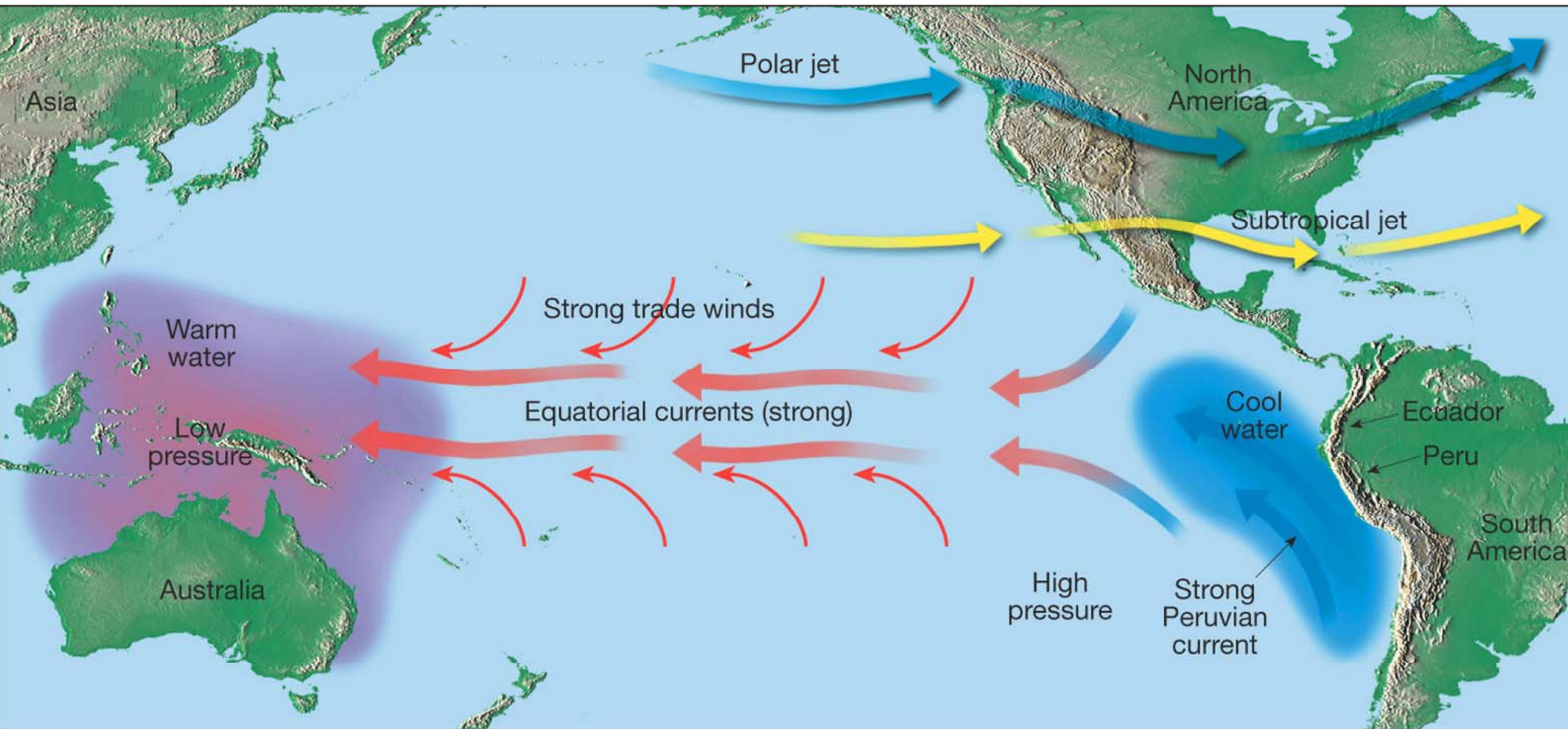
Megawatts



US Wind use

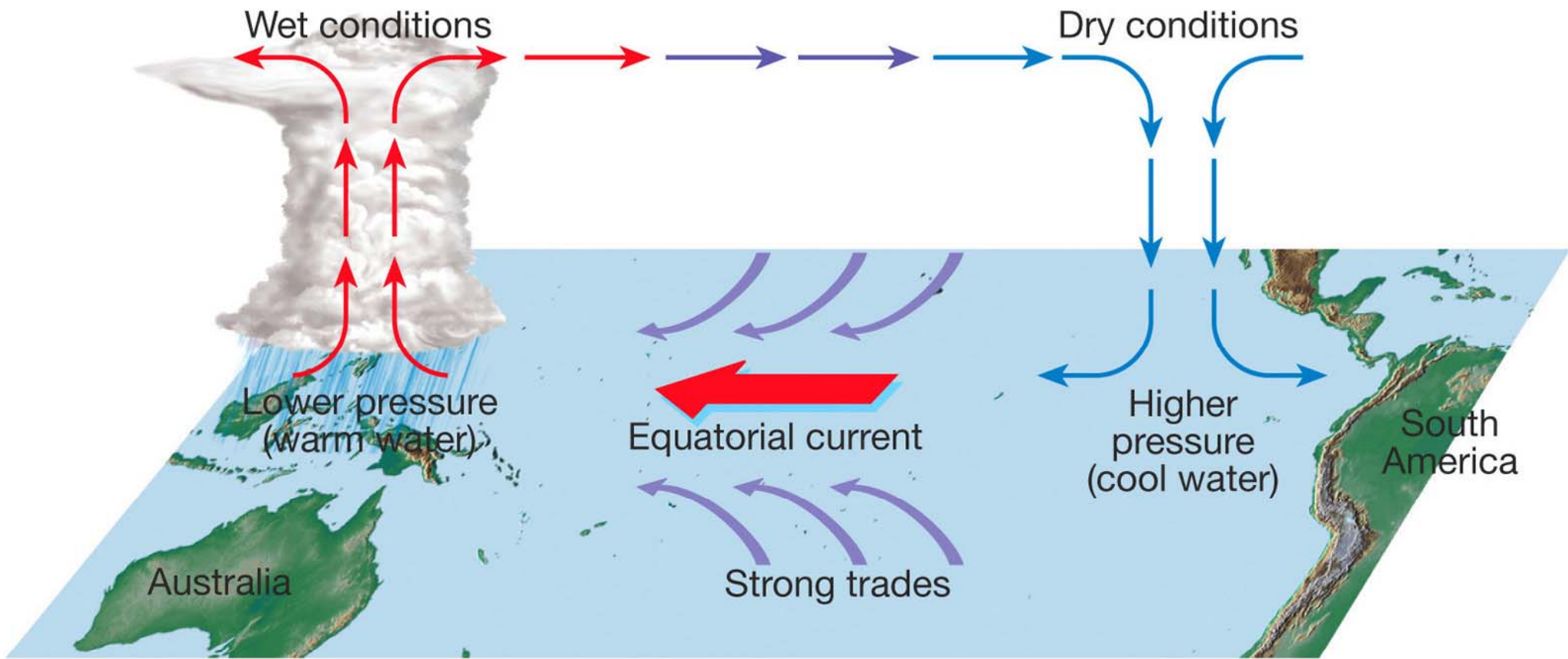


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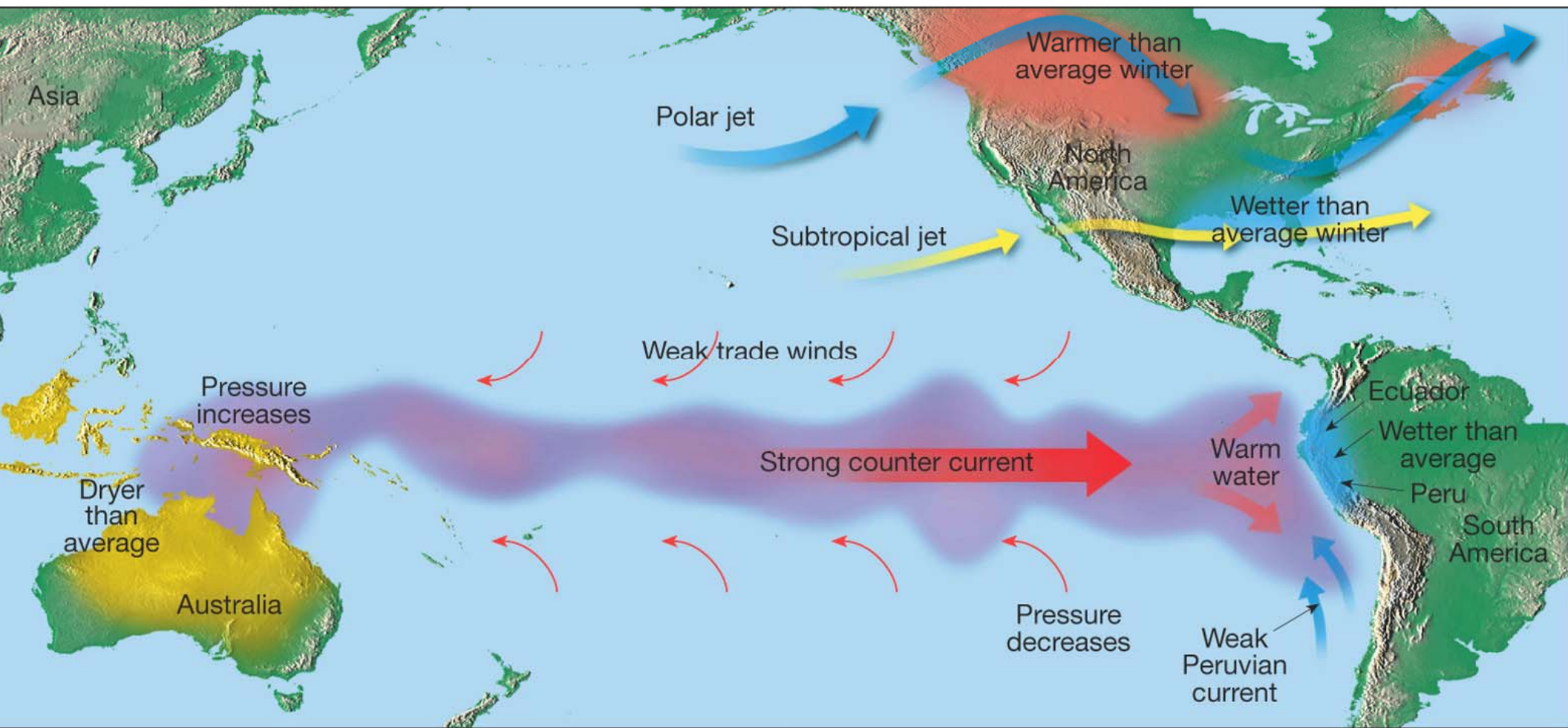


A. Normal conditions

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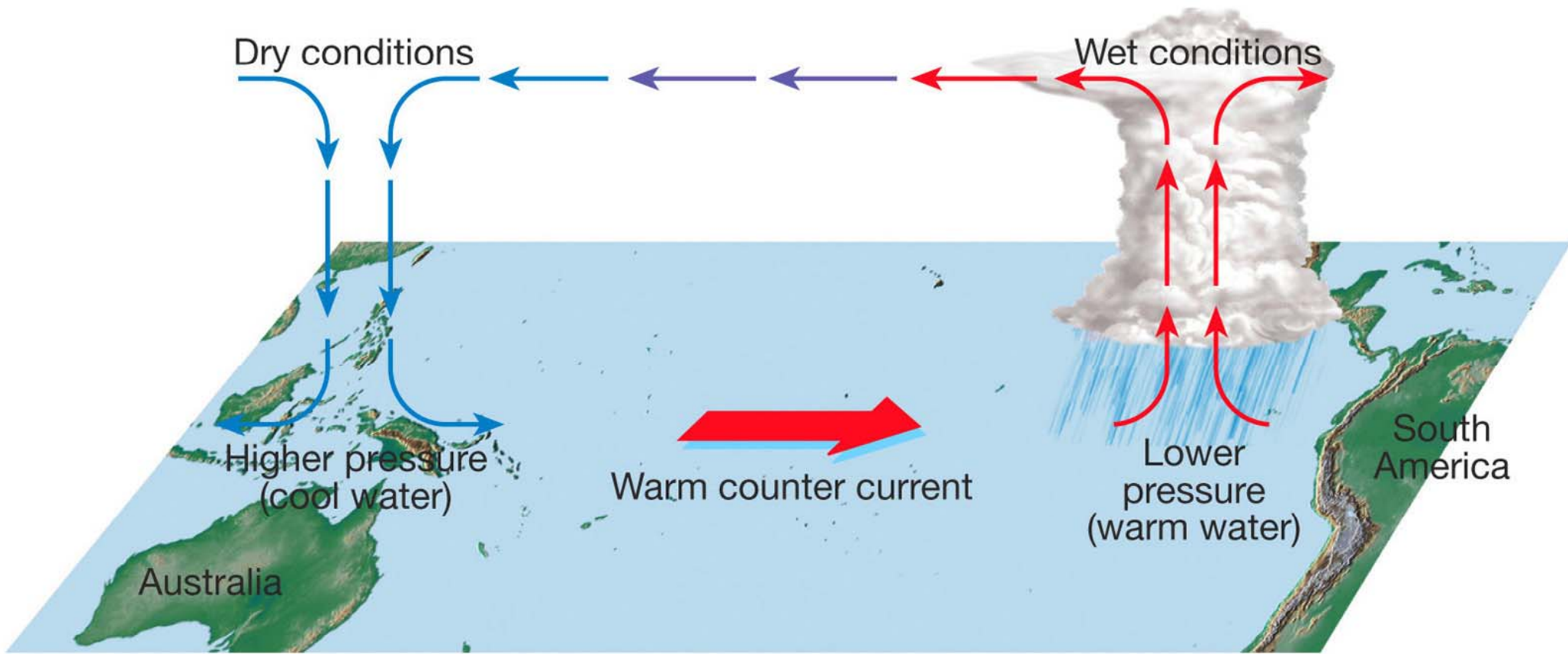


A. Normal years

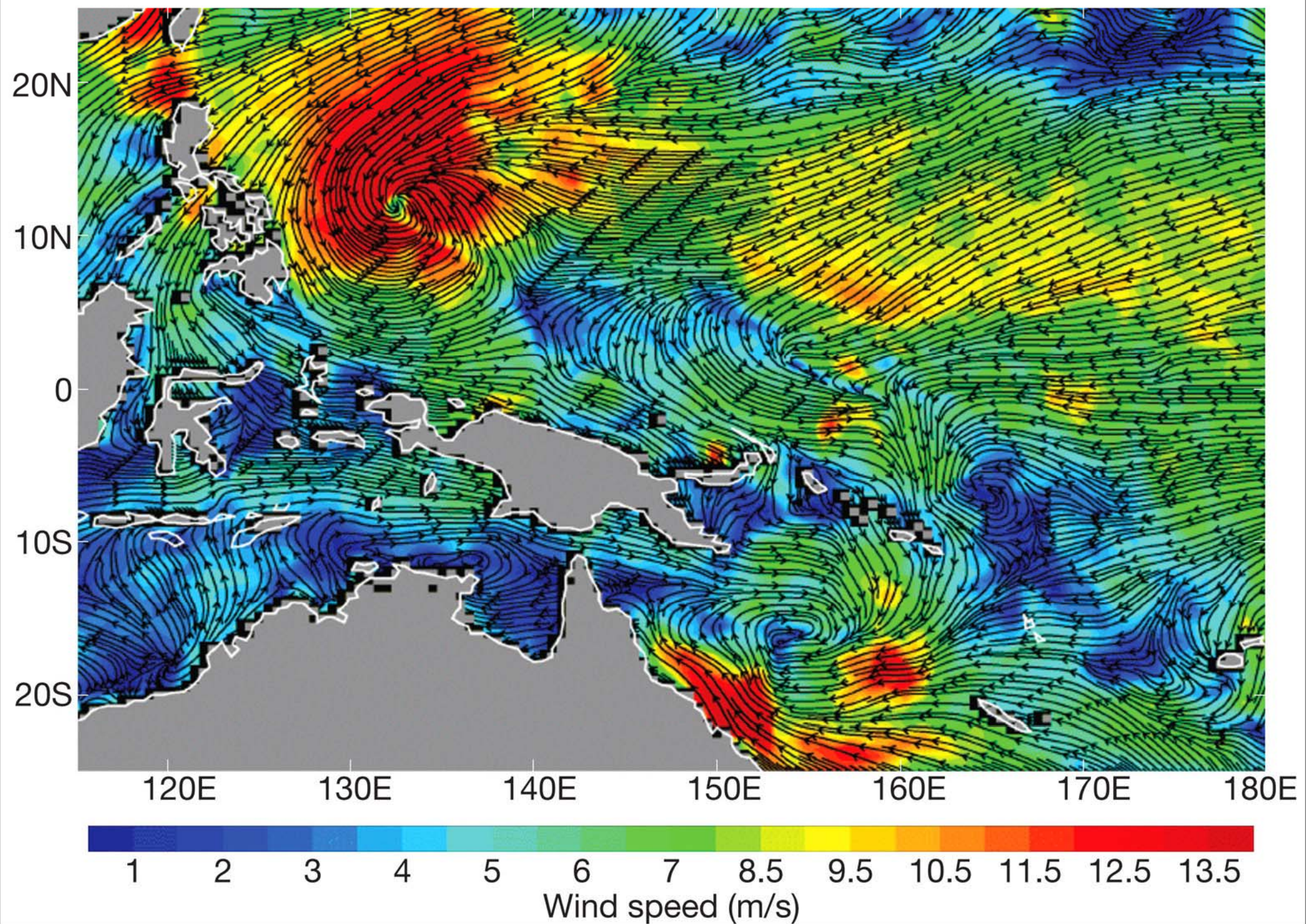


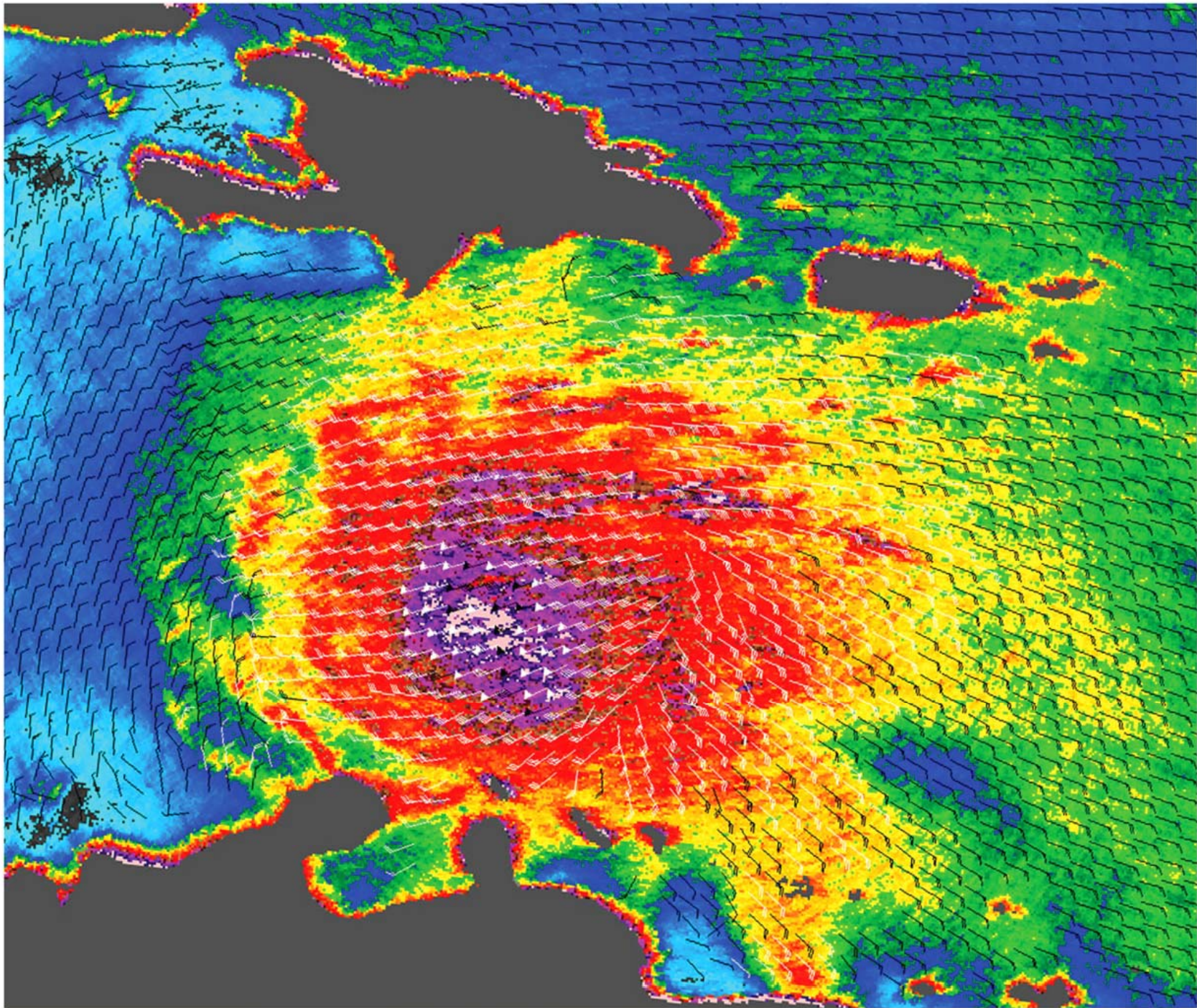
3. El Niño

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B. El Niño years





Wind speed (knots)