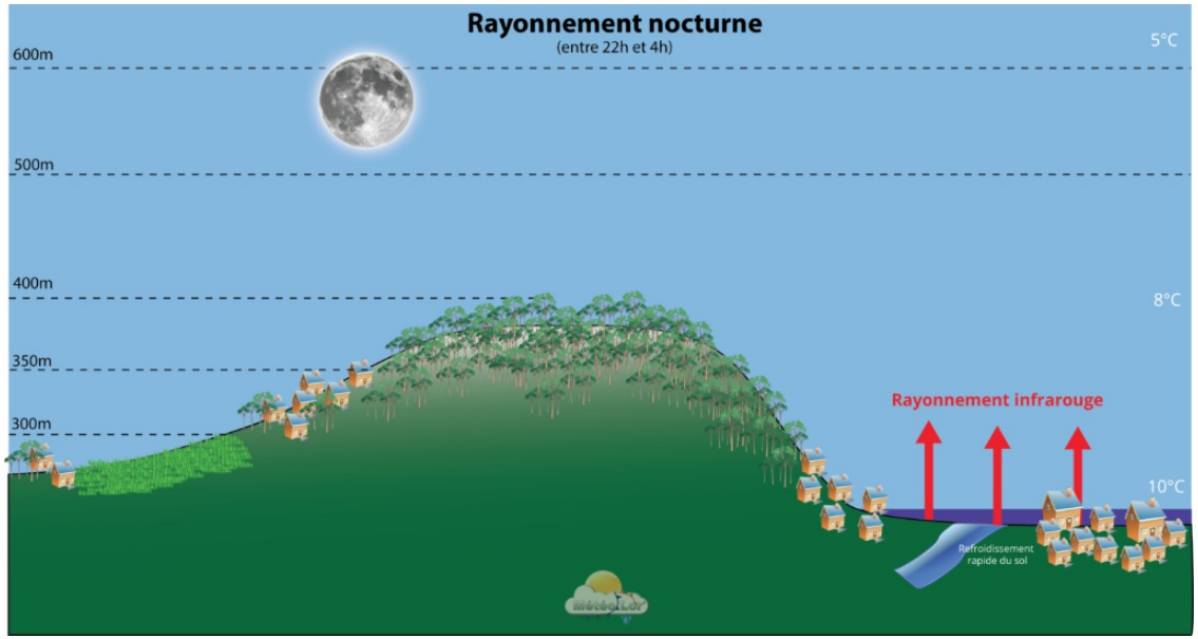
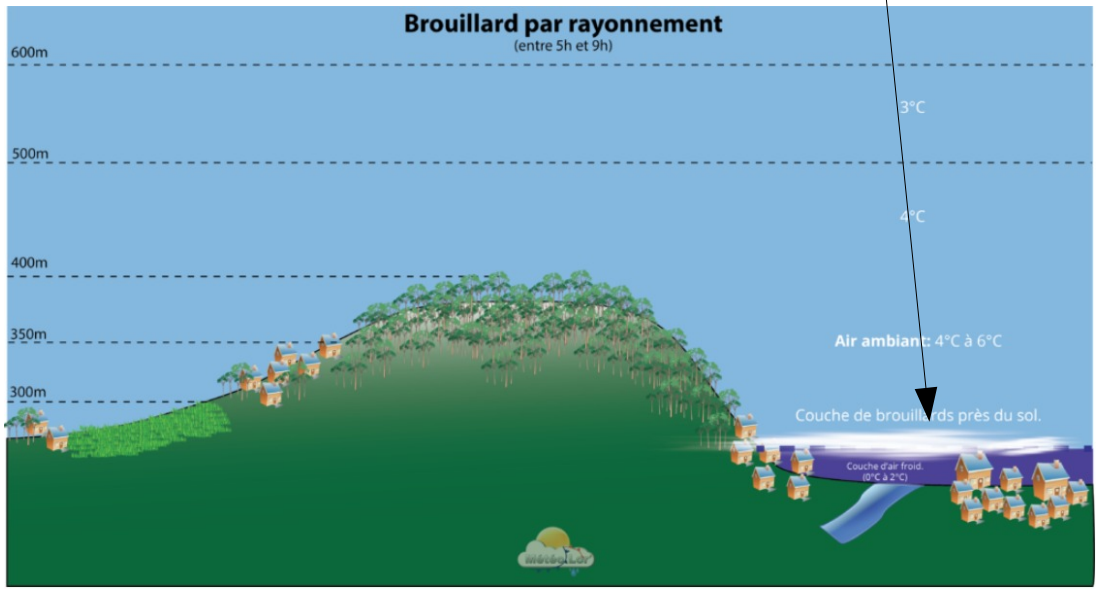
Brouillard

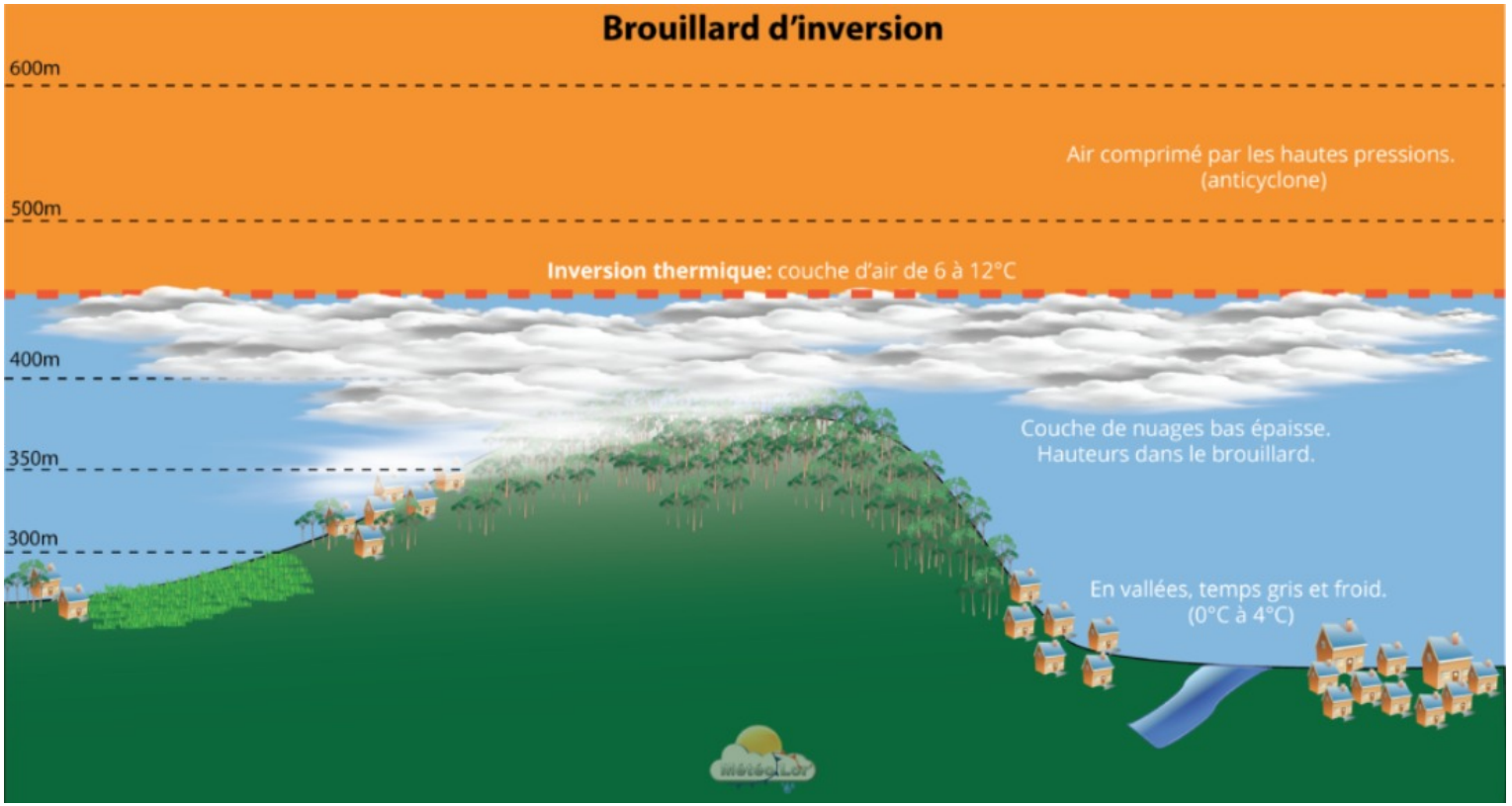


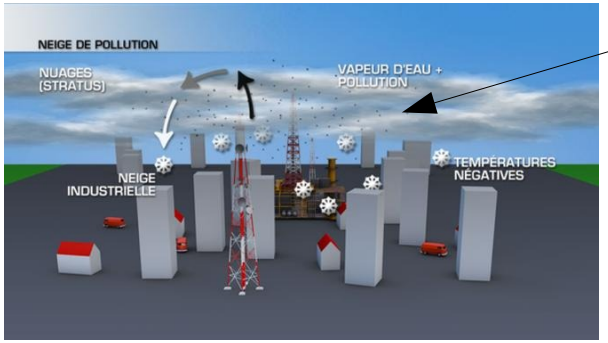
Brouillard par rayonnement (la nuit).

Smog ...



Brouillard

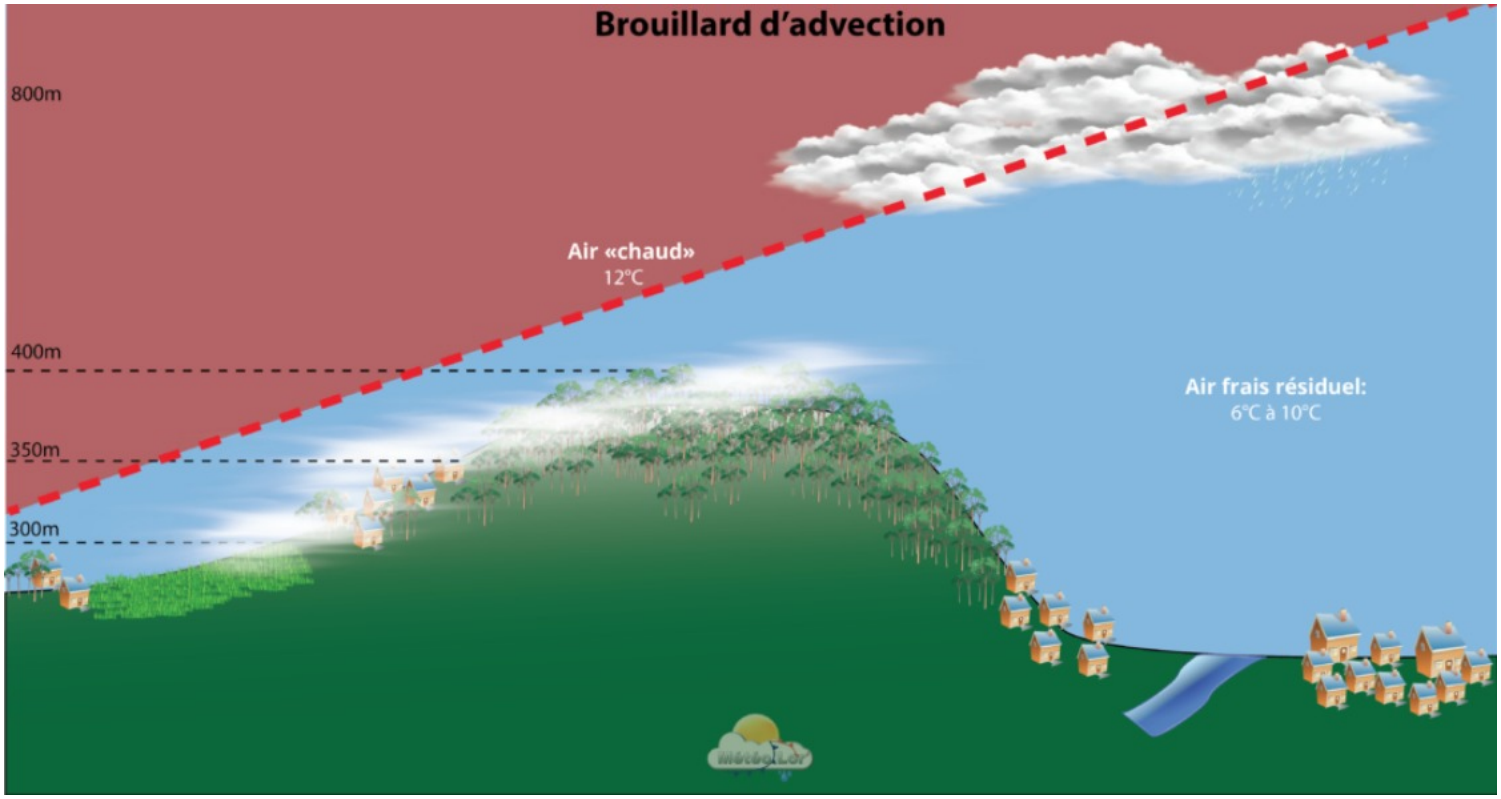


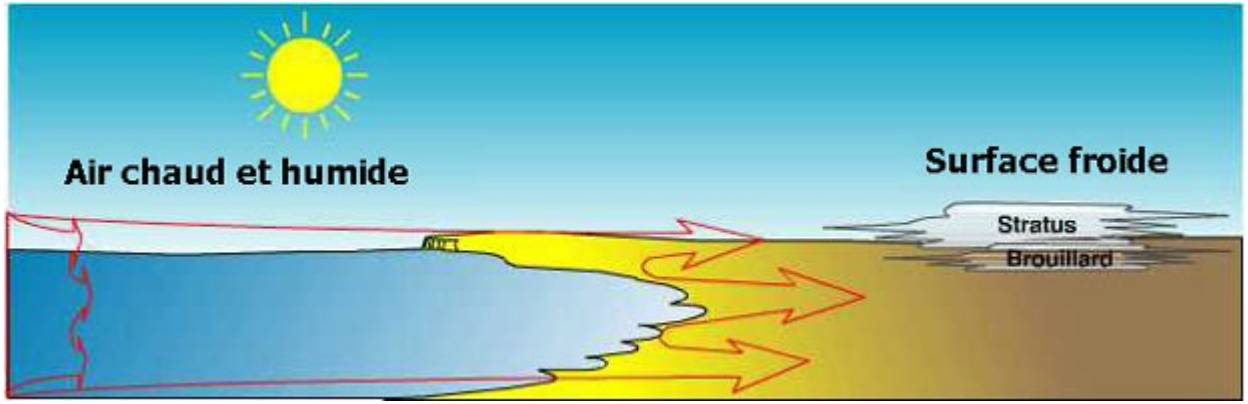


Neige industrielle

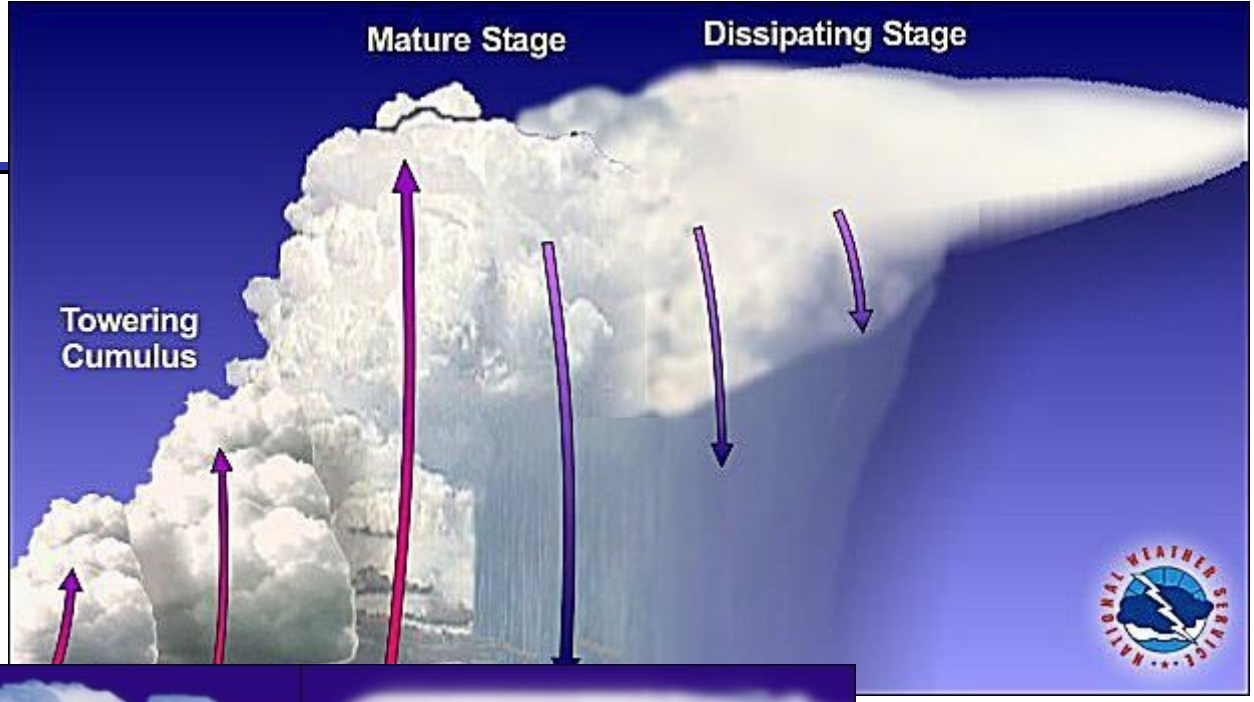
Mer de nuage

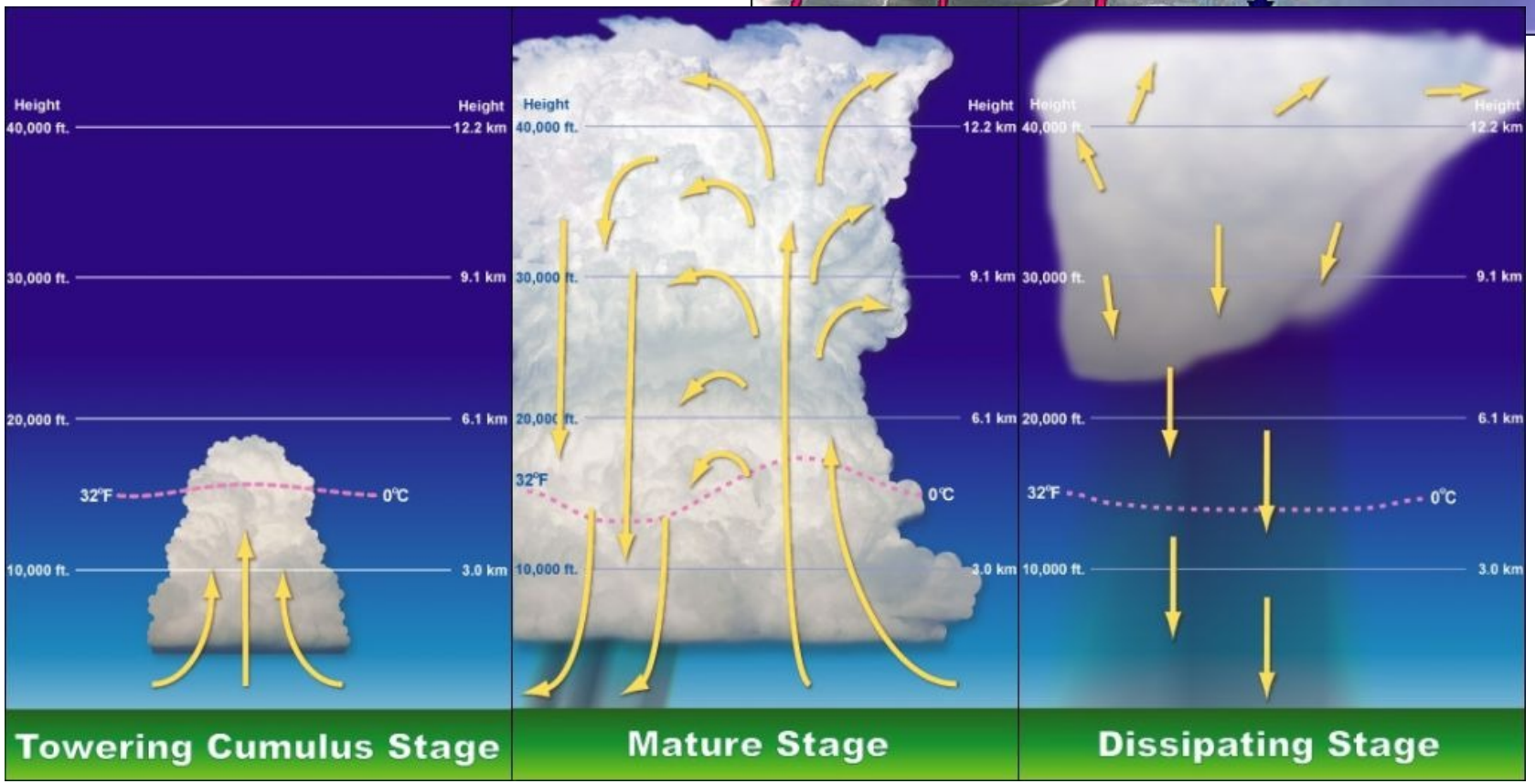
Brouillard


Brouillard d'advection
800m
Air «chaud»
12°C
400m
350m
300m
Air frais résiduel:
6°C à 10°C


Air chaud et humide
Surface froide
Stratus
Brouillard

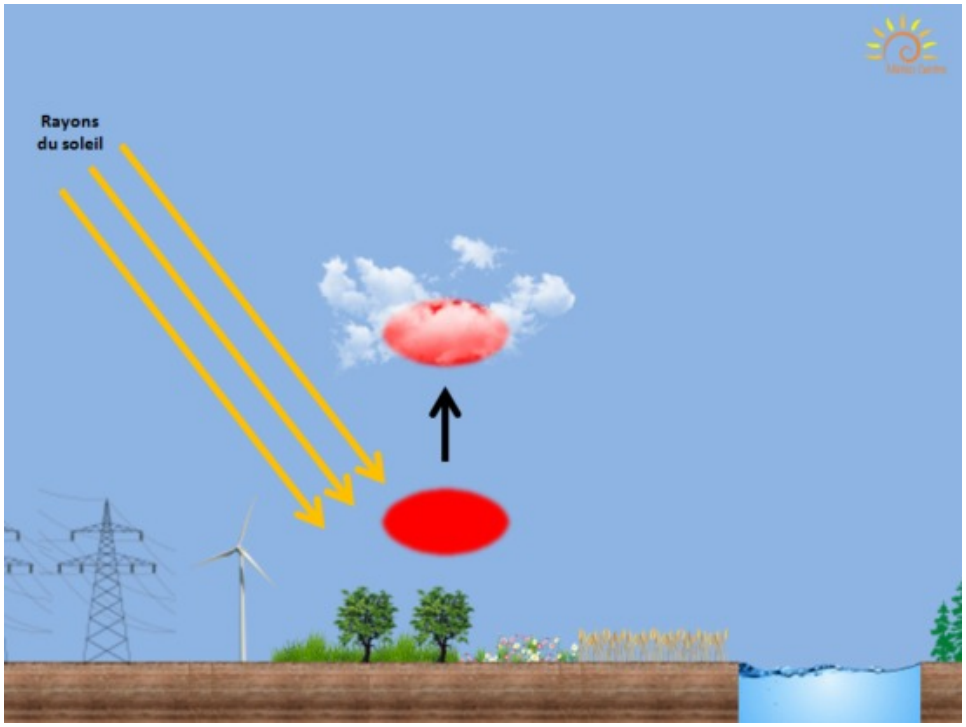
Orage


Mature Stage
Dissipating Stage
Towering Cumulus

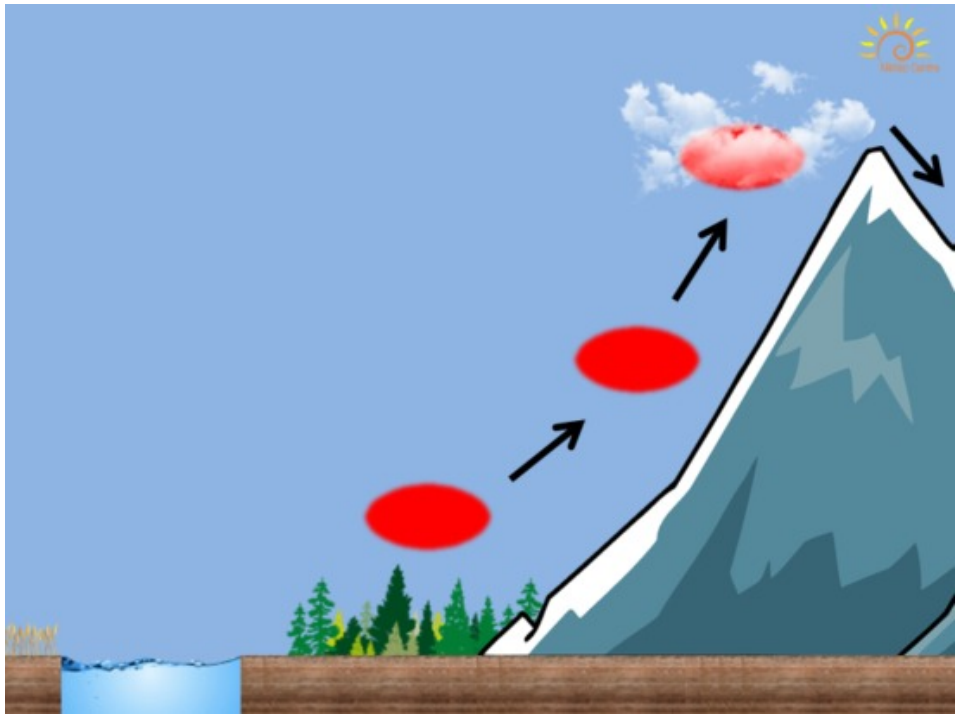

Height
40,000 ft.
12.2 km
30,000 ft.
9.1 km
20,000 ft.
6.1 km
10,000 ft.
3.0 km
32°F
0°C
Towering Cumulus Stage
Mature Stage
Dissipating Stage

Orage

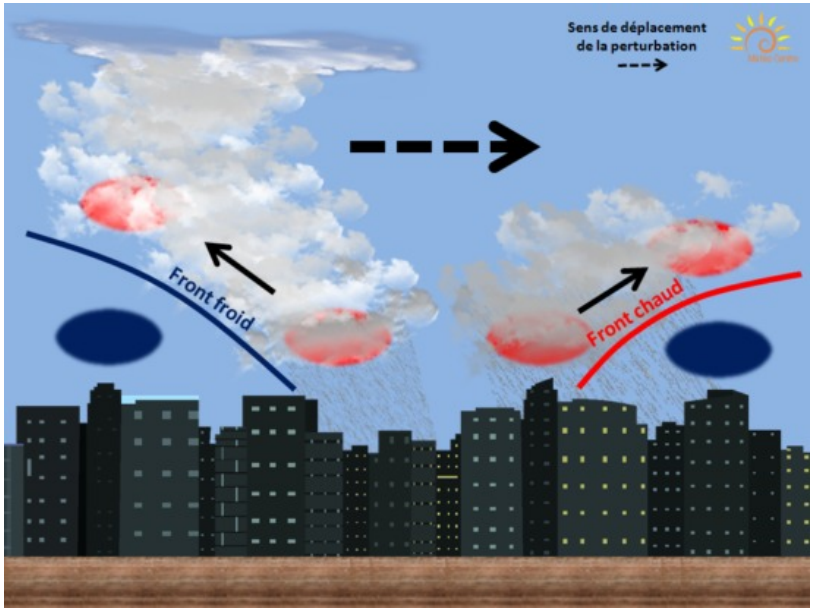
Source : http://www.meteo-centre.fr/blog/les-orages/



Convection (turbulence)
=> Orage de chaleur

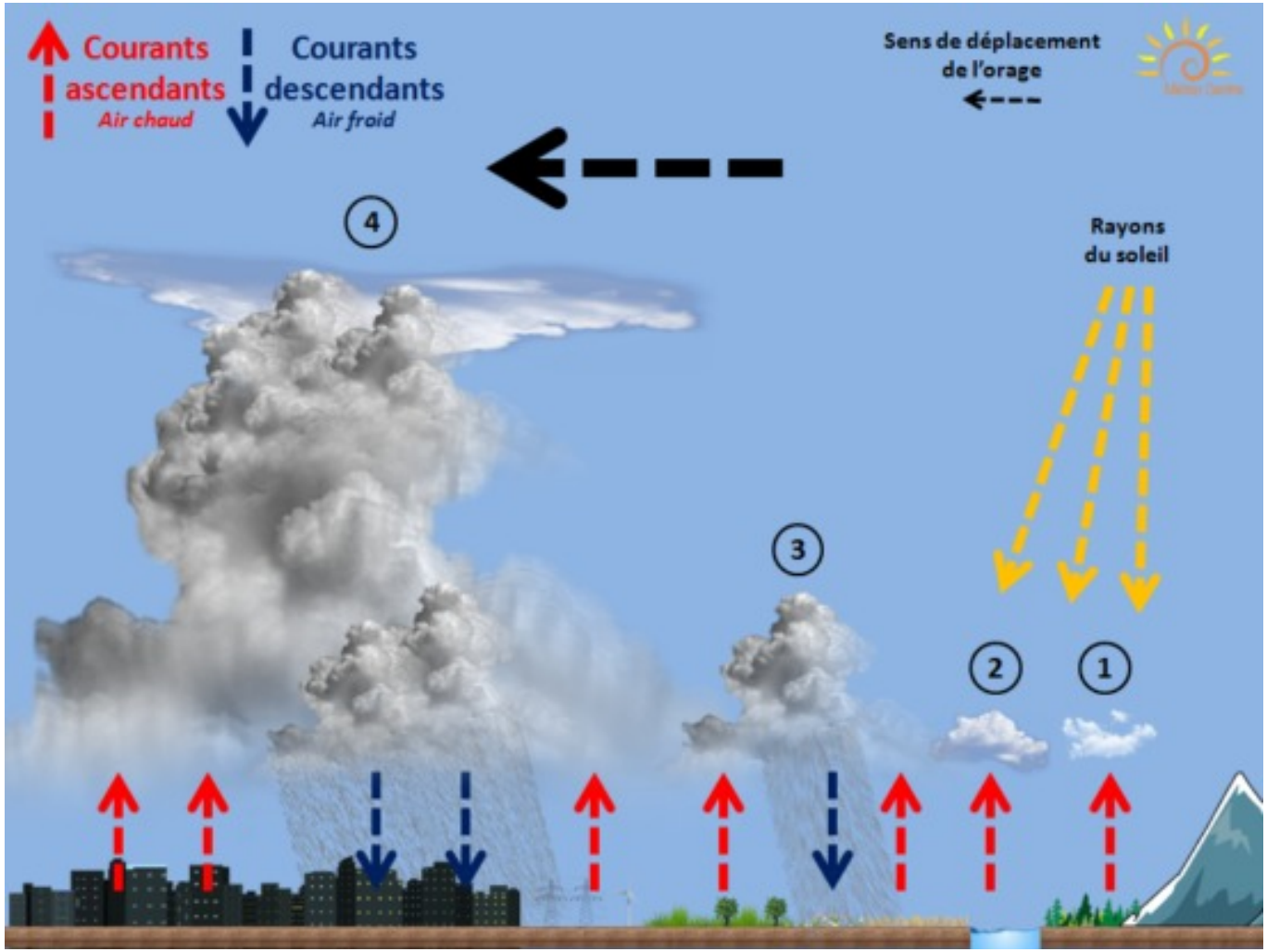


Soulèvement
orographique

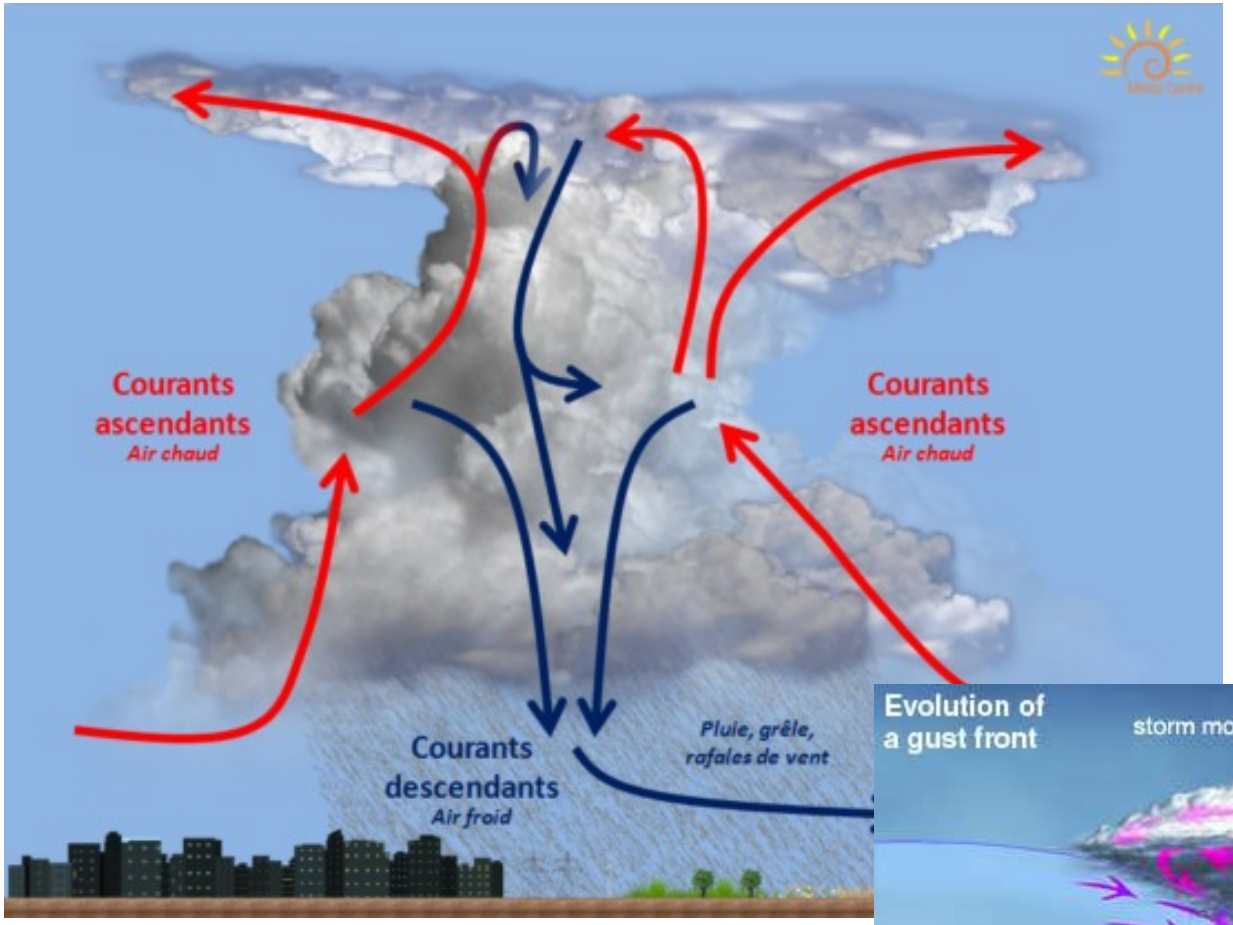


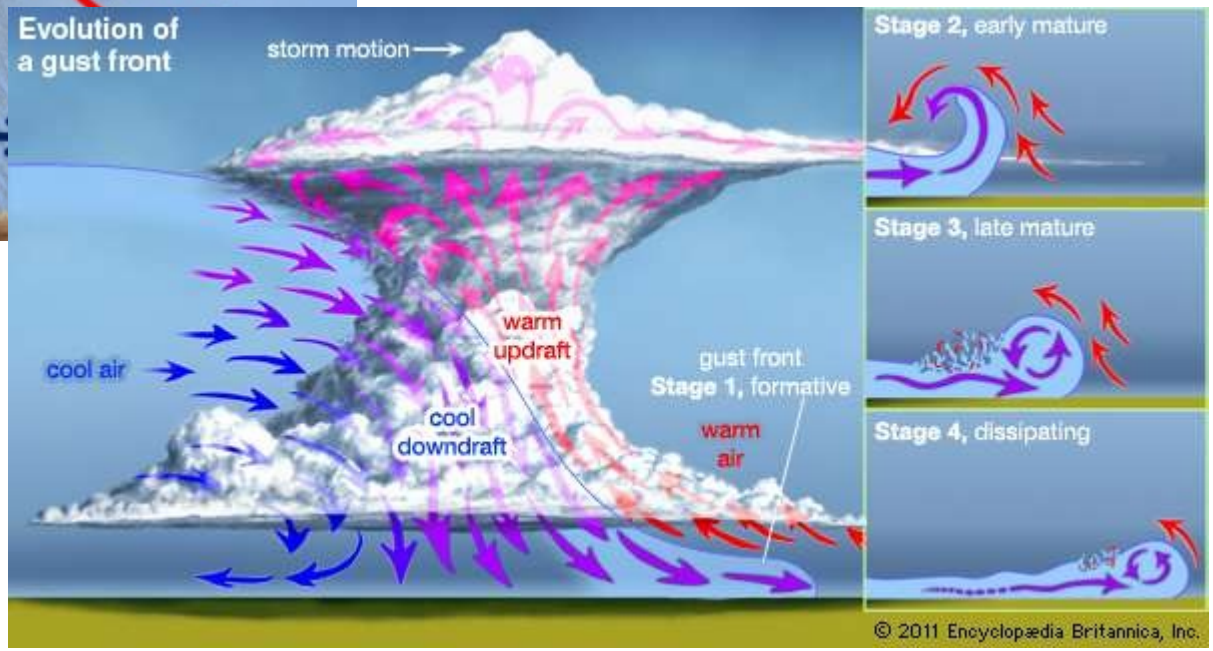
Front froid/chaud
=> Orage frontal
(ligne de grain)

Orage


Courants ascendants
Air chaud
Courants descendants
Air froid
Sens de déplacement de l'orage
Rayons du soleil
4
3
2
1

Orage


Courants
ascendants
Air chaud
Courants
ascendants
Air chaud
Courants
descendants
Air froid
Pluie, grêle,
rafales de vent


Evolution of
a gust front
storm motion
cool air
warm
updraft
cool
downdraft
gust front
Stage 1, formative
warm
air
Stage 2, early mature
Stage 3, late mature
Stage 4, dissipating
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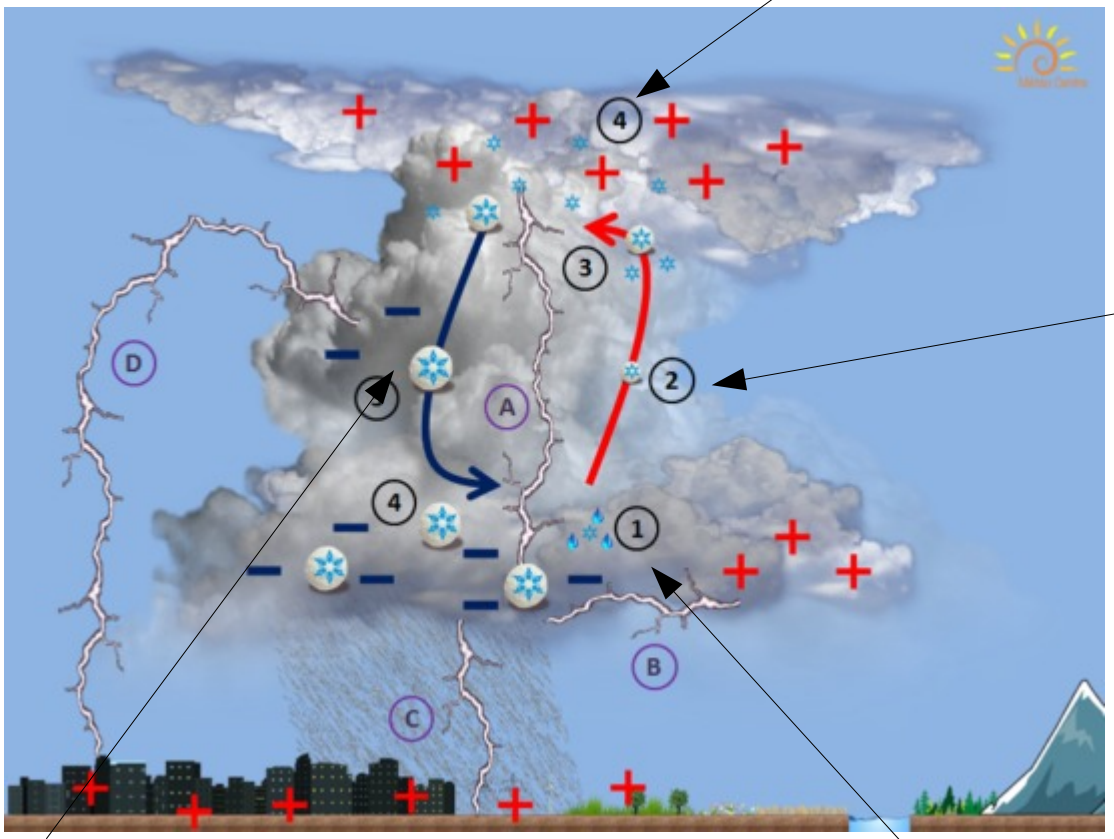
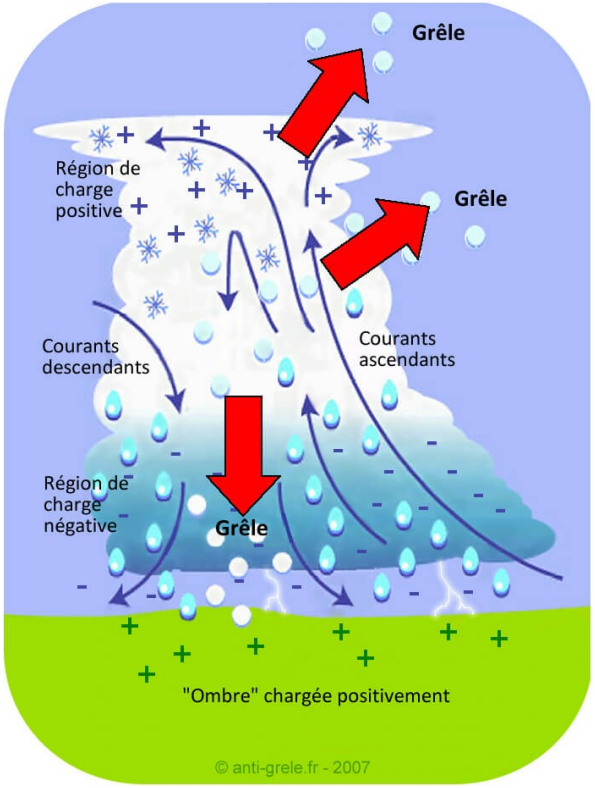
Orage

Cristaux



Grésil/Grêle

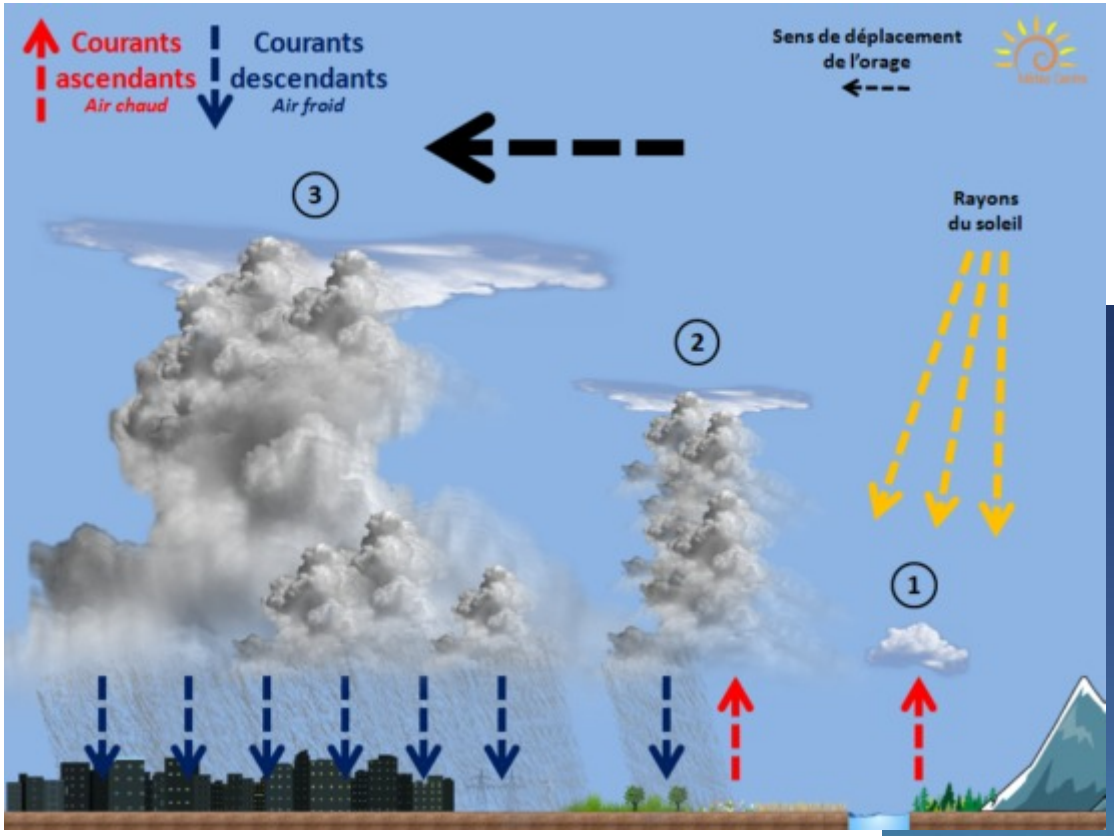


Arrachement des électrons au cristaux par les grésils.

Goûte d'eau surfondue

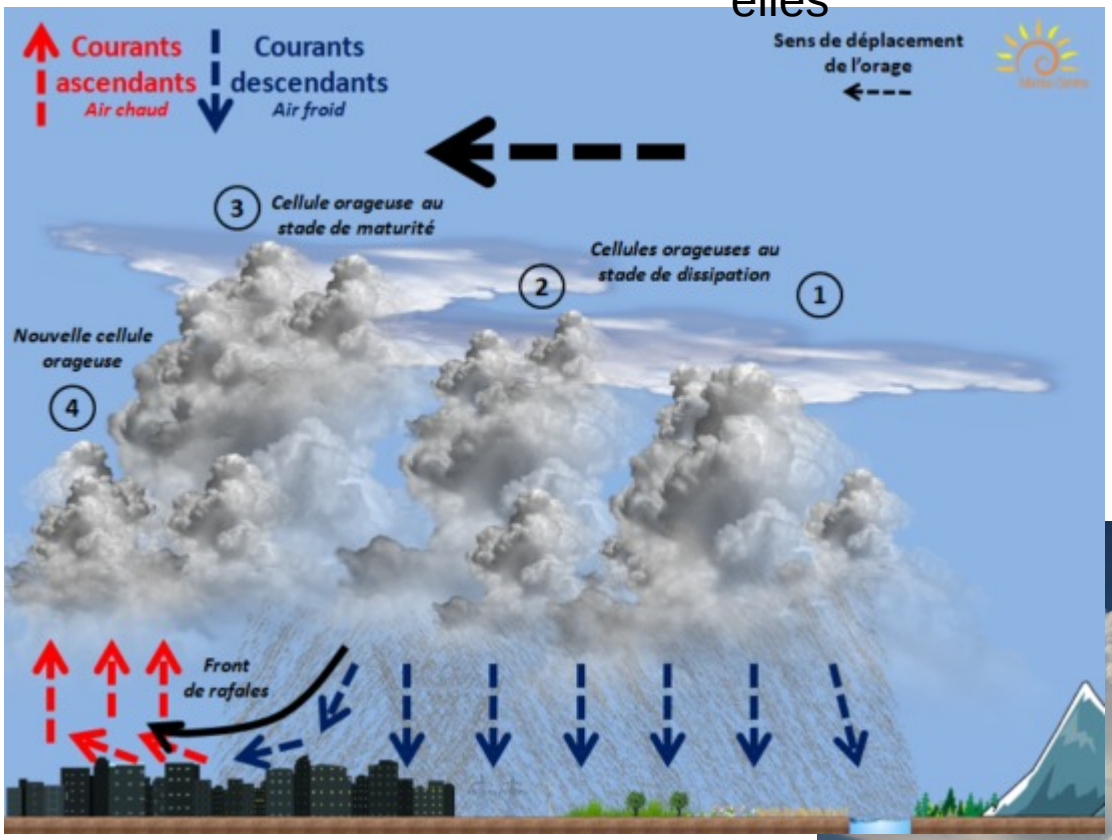
Orage

Orage monocellulaire



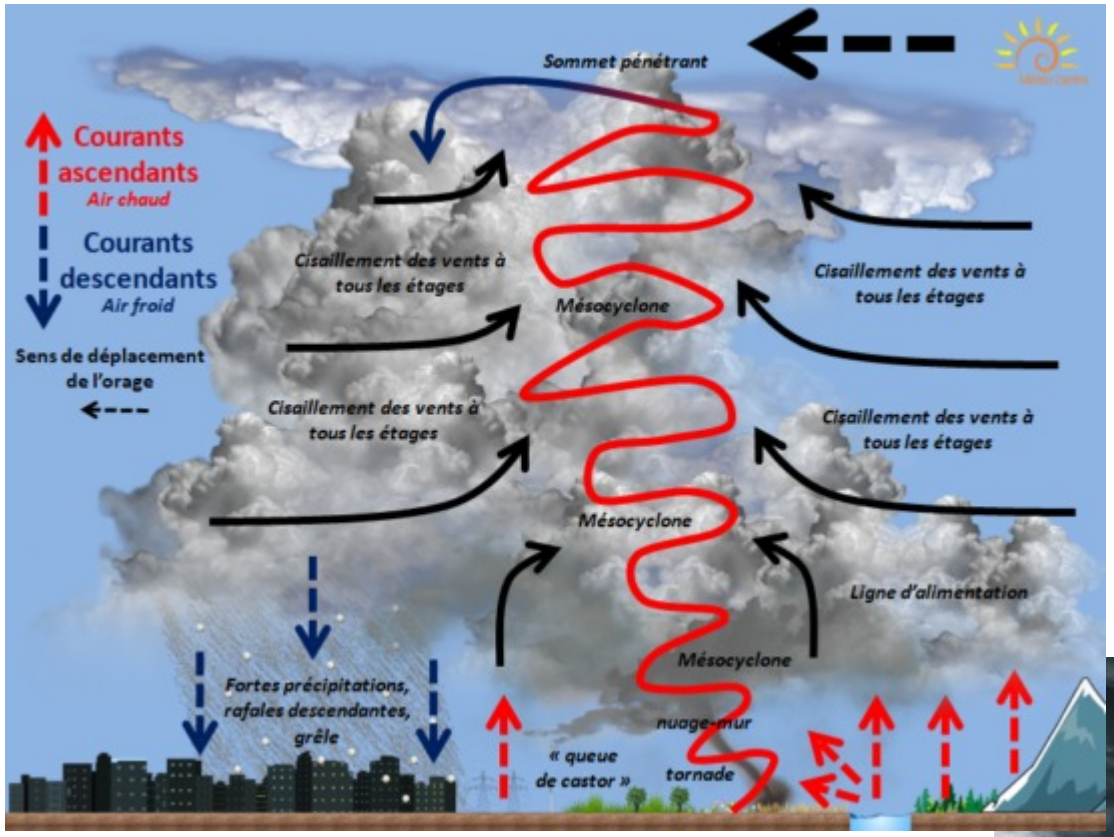
Orage

Orage multi-cellulaire ← formation par propagation
fusion des cellules orageuses entre elles



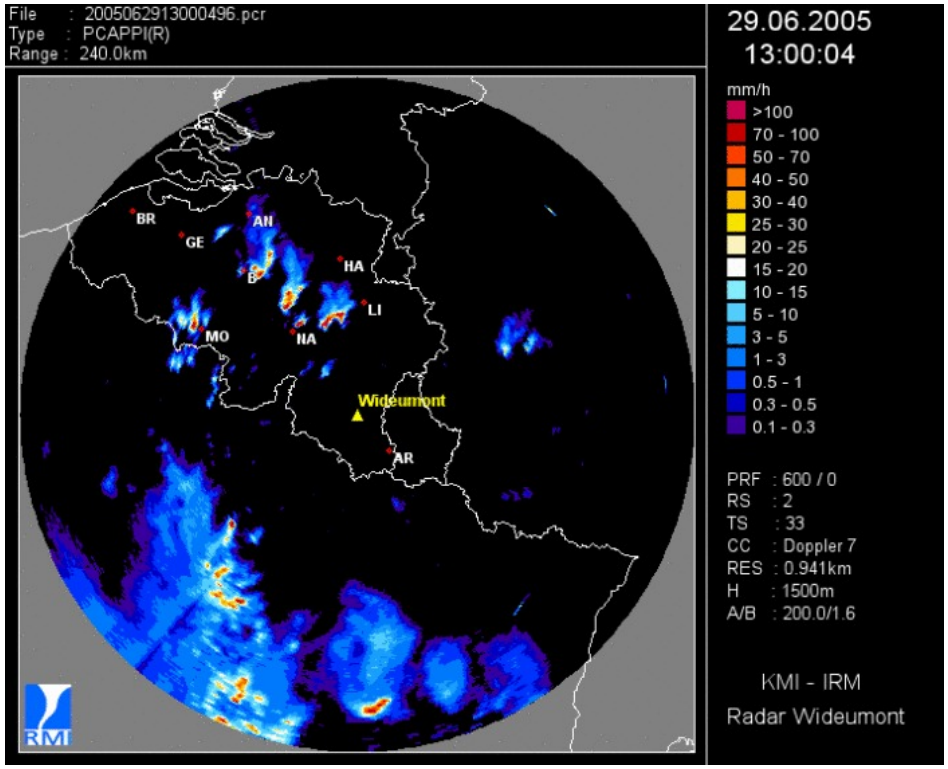
Orage

Orage supercellulaire (rotation)



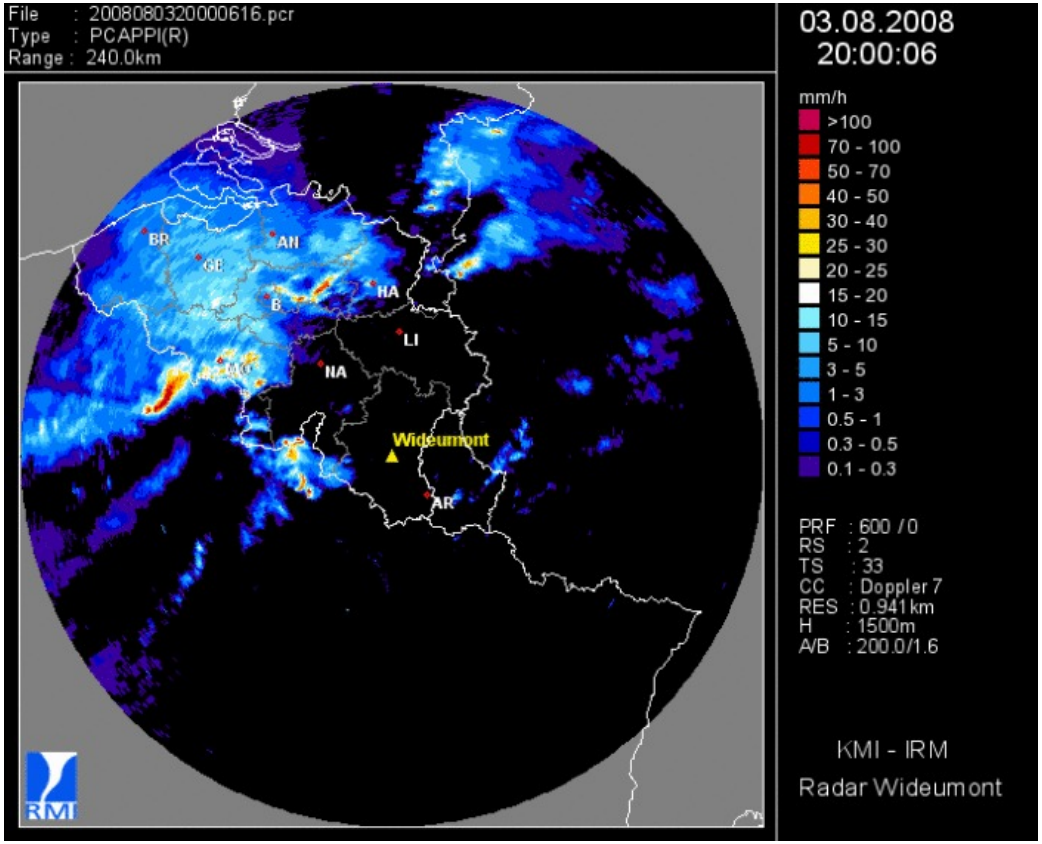
Orage

https://infometeobelgique.blogspot.be/2015/03/29-mai-2008-lorage-de-liege.html

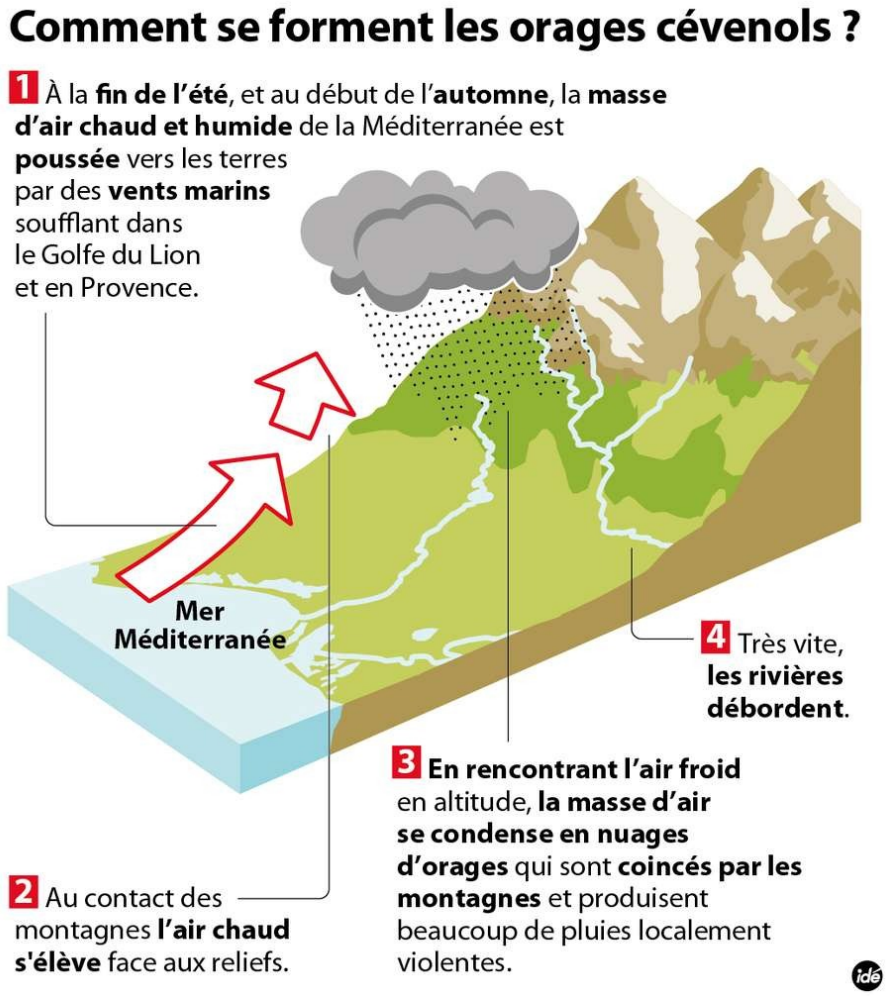


Orages multicellulaires

Ligne de grain



Épisode de Cévenol



Épisode de Cévenol