17th FAI PARAGLIDING WORLD CHAMPIONSHIP
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Thanks to Julien Wirtz for letting us use his Presentation for the pilots of the World Championships

Warning!

This is a simplified observation of the complex phenomena that govern the breeze in our ranges.

Breeze strength and direction, convergence and turbulence depend on the direction of the wind and the variation of temperature with altitude (stability, instability, inversion).

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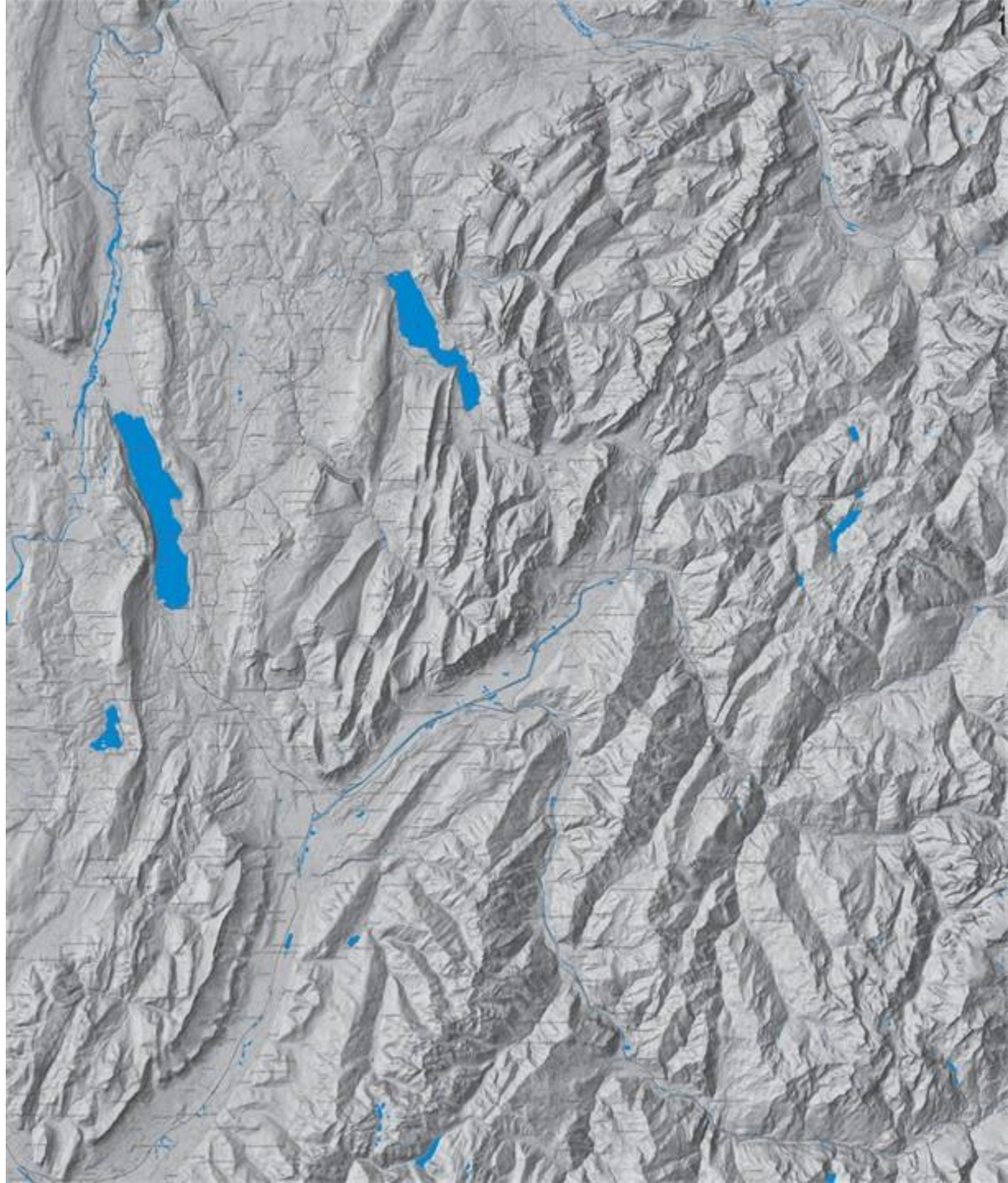
FAI WORLD CHAMPIONSHIP

AIR Événement

From Grenoble to Chamonix, the playground can be adapted to all weather situations.



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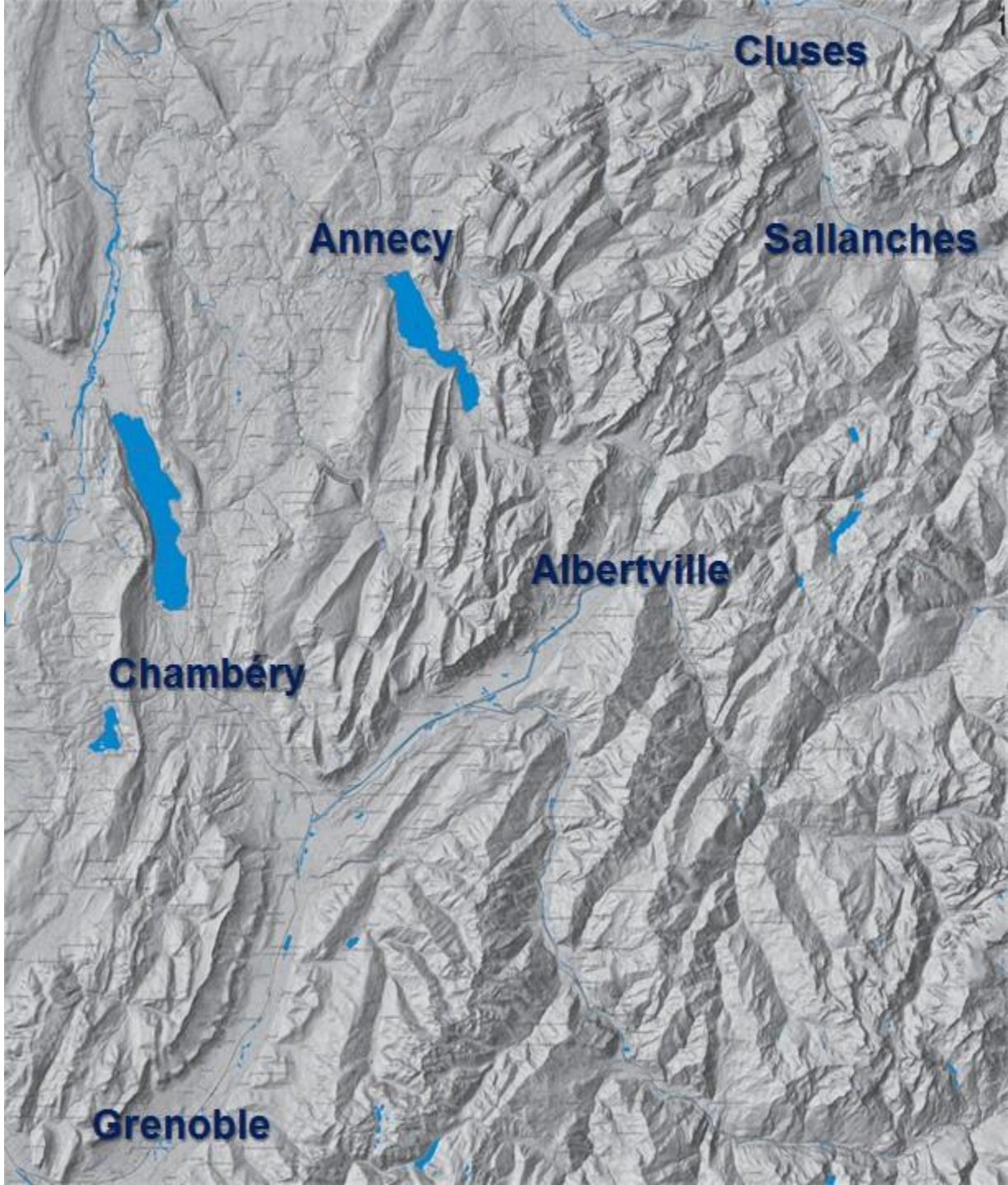

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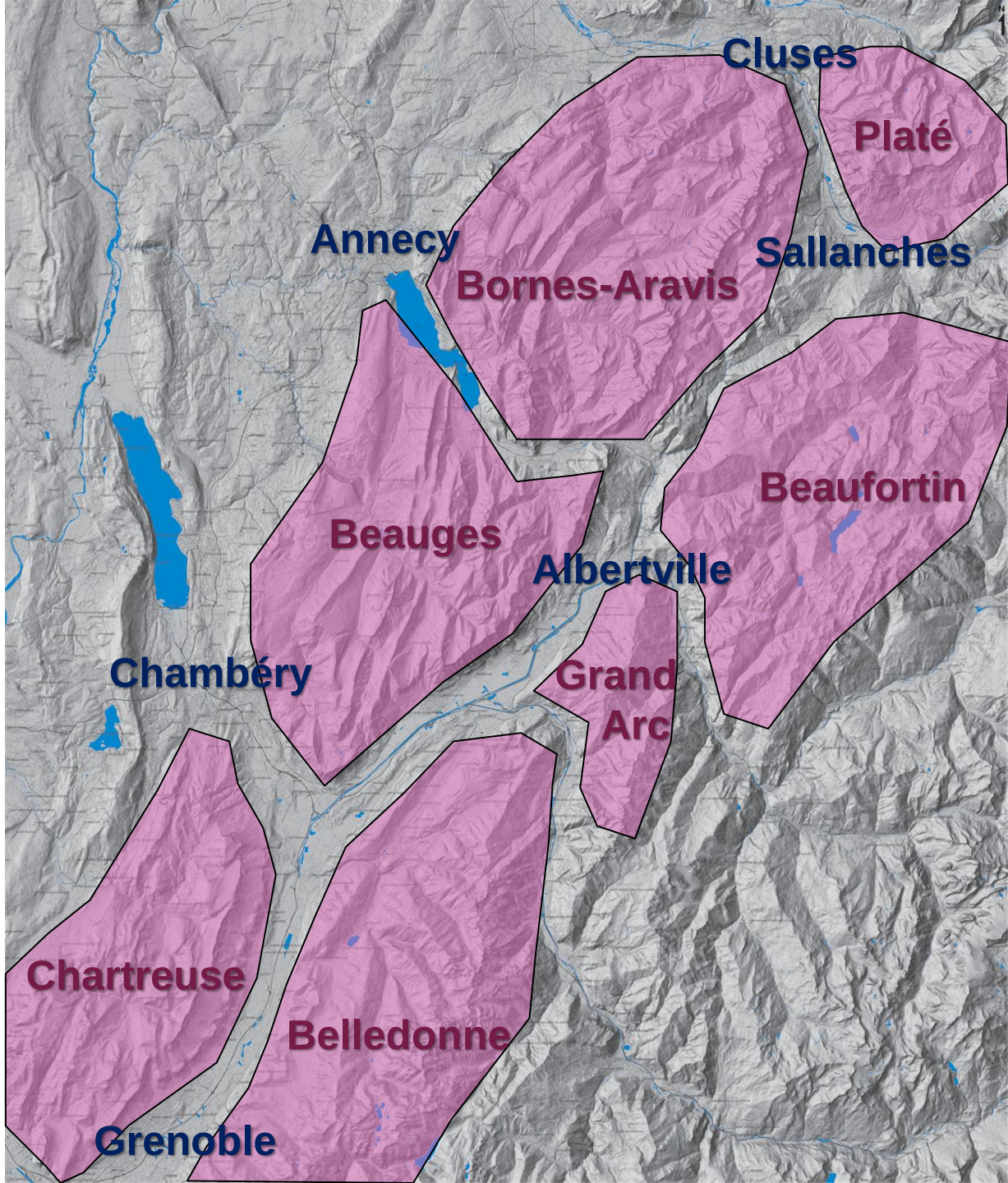
Cities and mountain ranges of the area.



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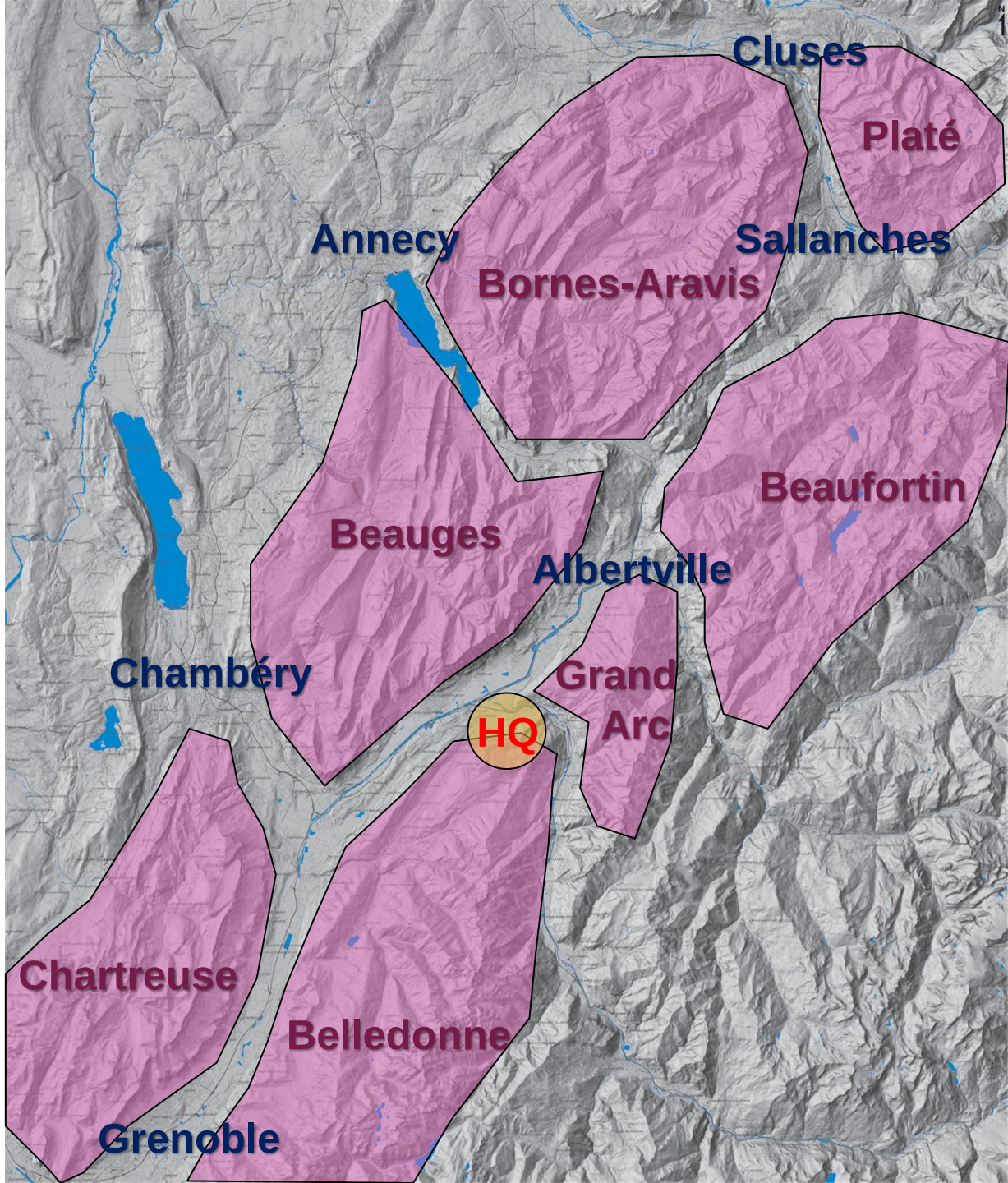
The headquarters in relation to the different flight areas.



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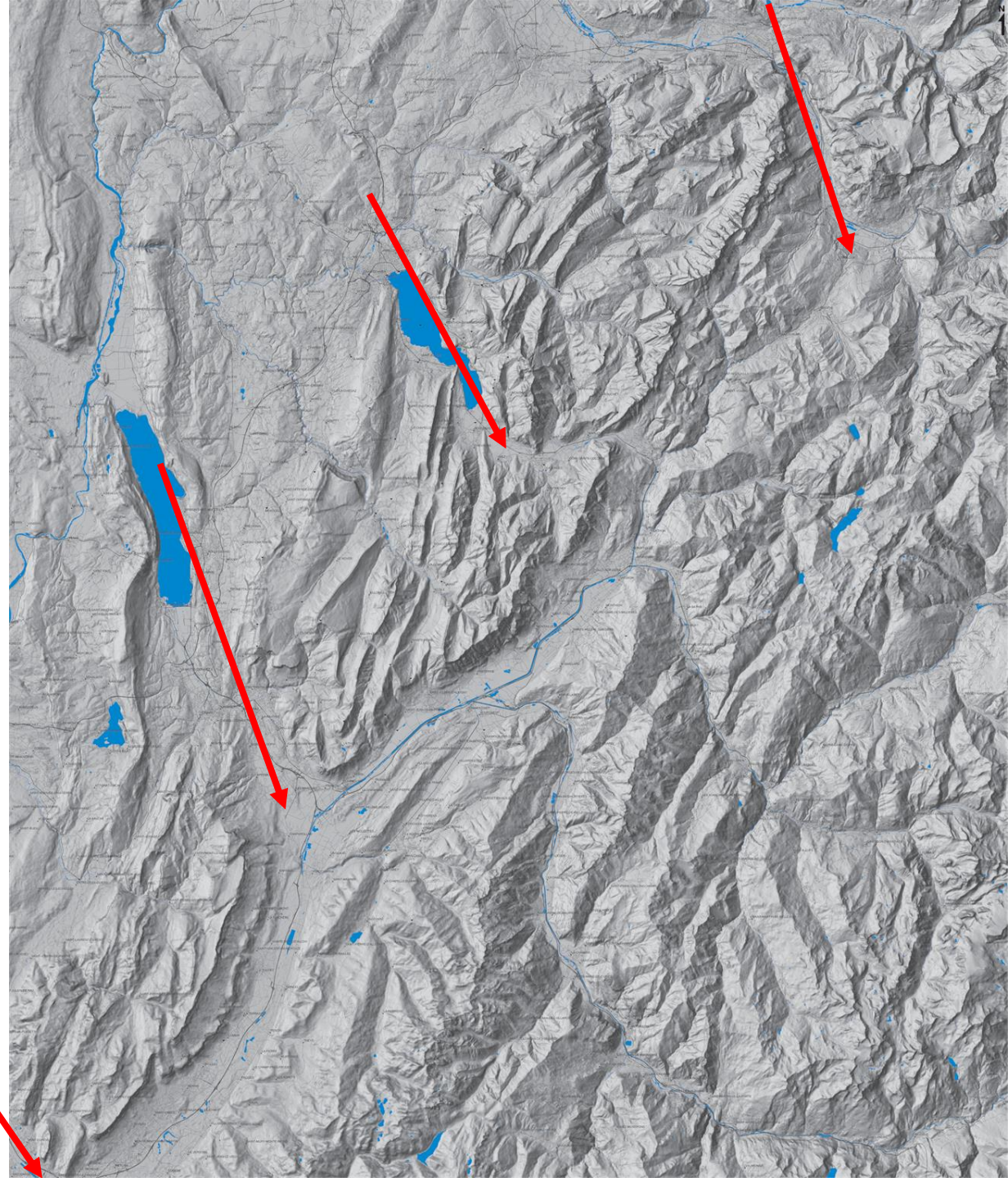
AIR Événement

Four main ‘doors’ allow the air coming from the west to feed the thermal depression formed by convection on the high mountains.



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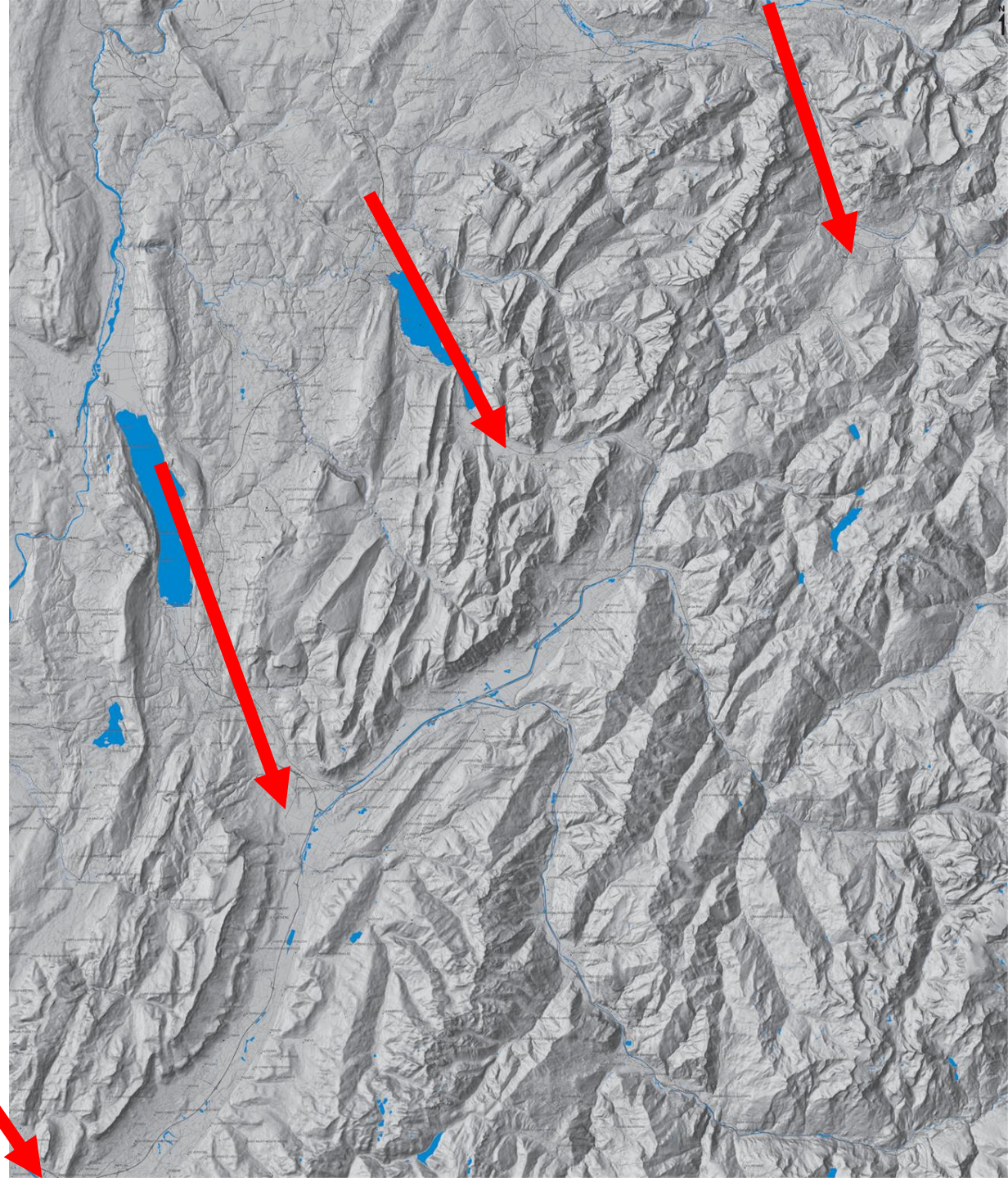
AIR Événement

The north-northwest wind flow accelerates the breeze.



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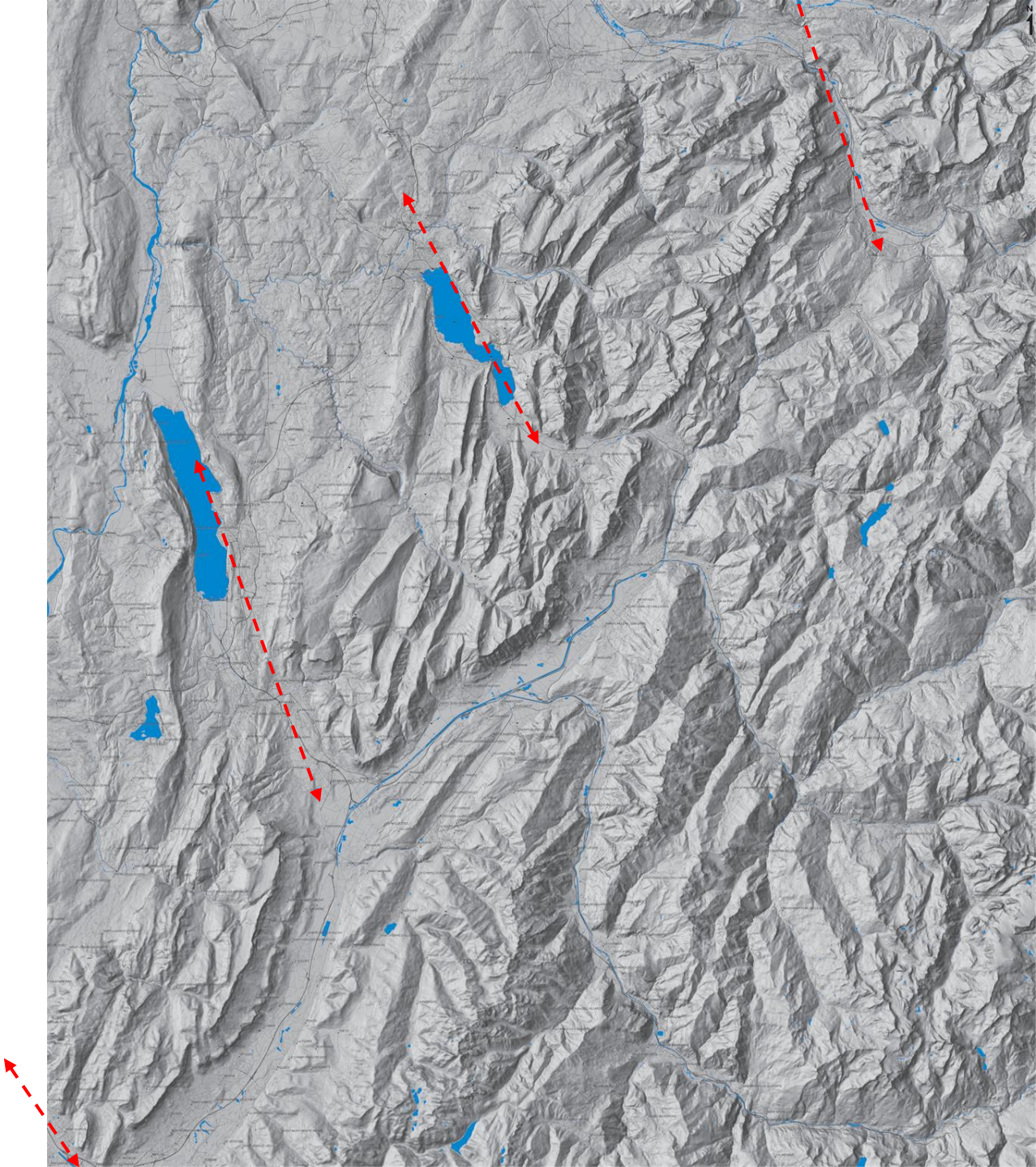
AIR Événement

On the contrary, when there is no marked temperature inversion in the low layer, the south-oriented flow reduces the force of the breeze and may even reverse it.



Westerly winds

They don't disturb the pattern of breezes, but as they undulate over the pre-Alpine ridges, they can make the air mass rougher.

Easterly winds

They don't disturb the pattern over the pre-Alpine ridges either; however they often lead to advection of humid air and lower ceilings.

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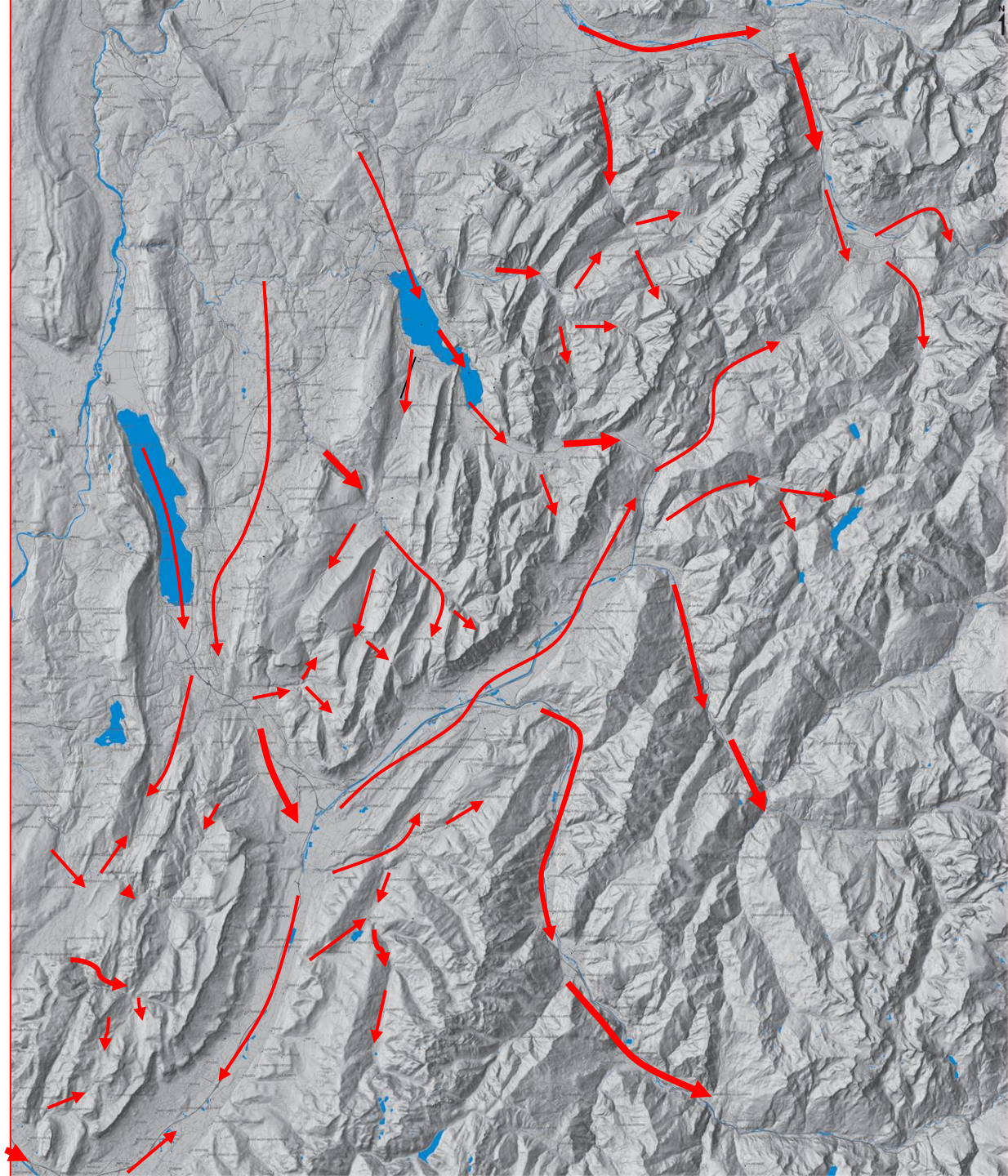
View of the breeze in standard weather conditions.



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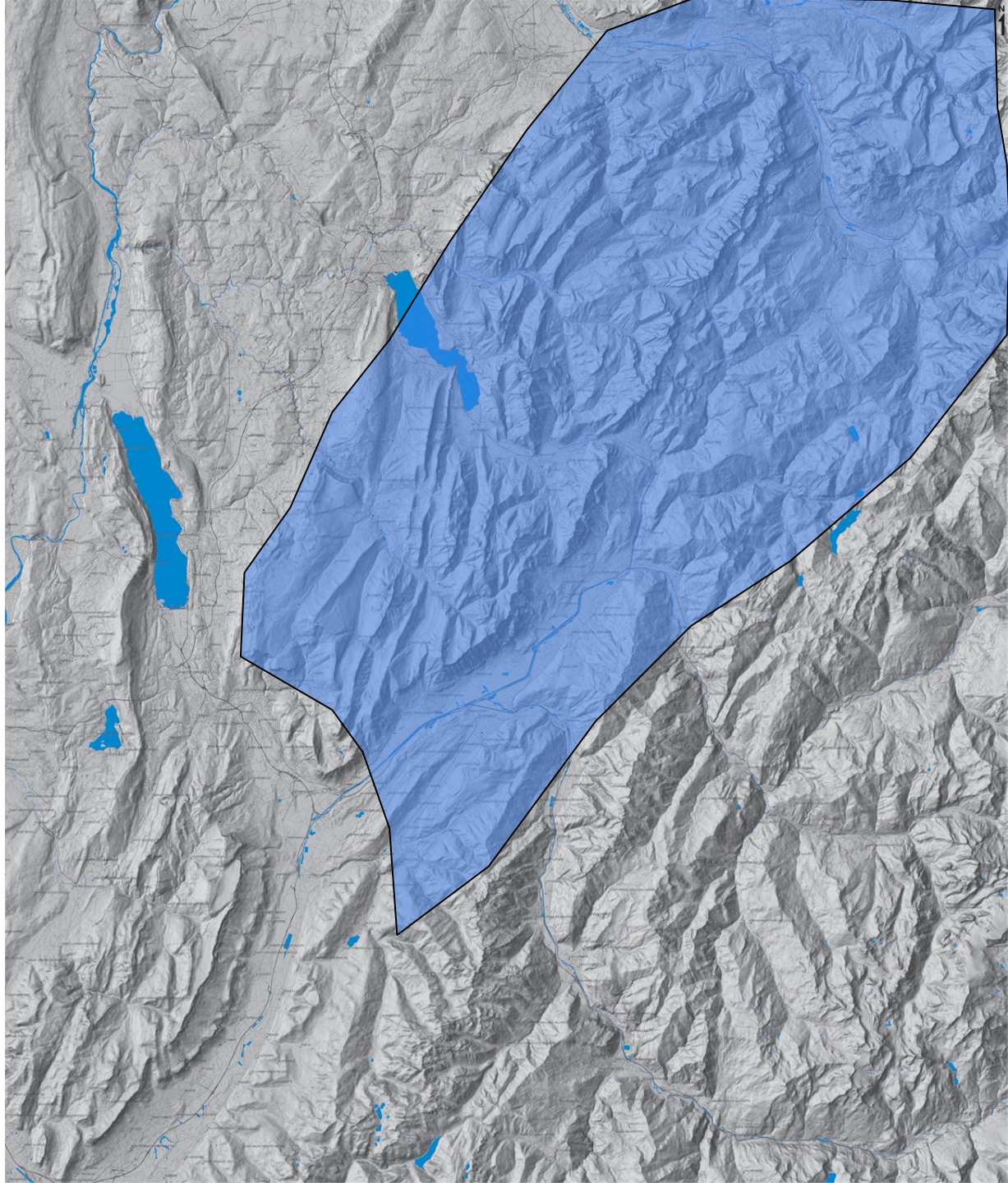
Likely playground...
With a weak southerly wind.



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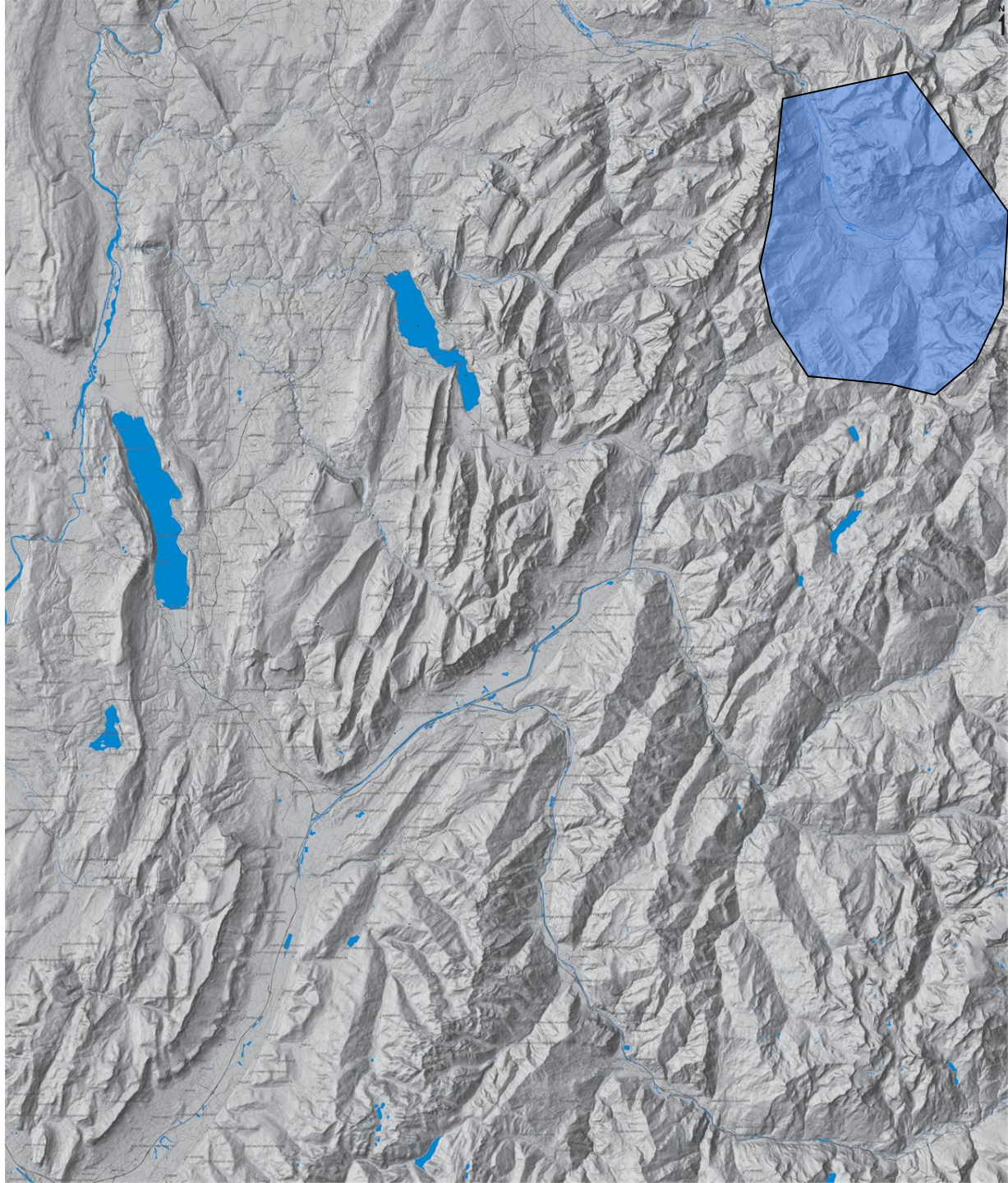
With a moderate to strong southerly wind.



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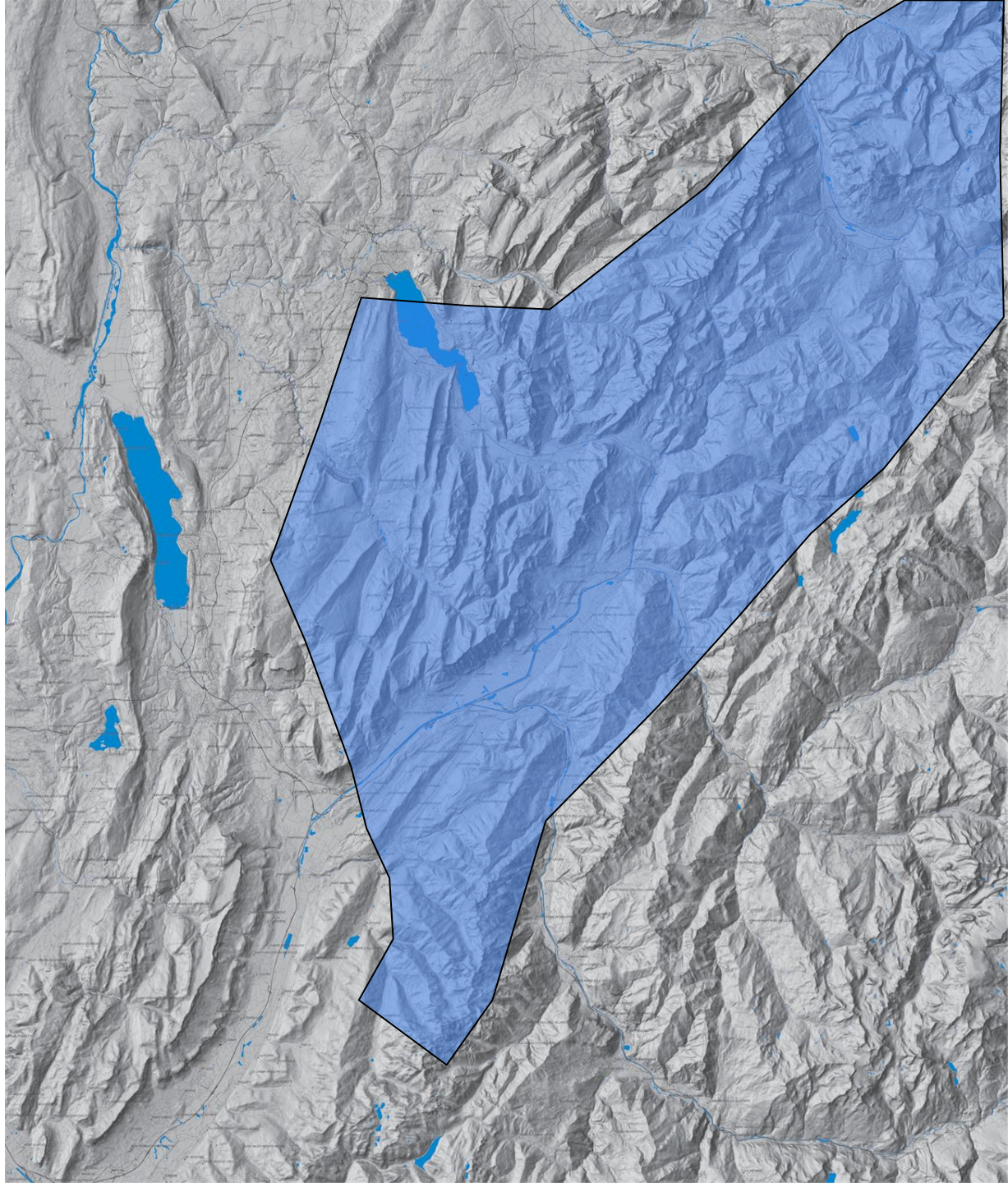
With a weak north wind.



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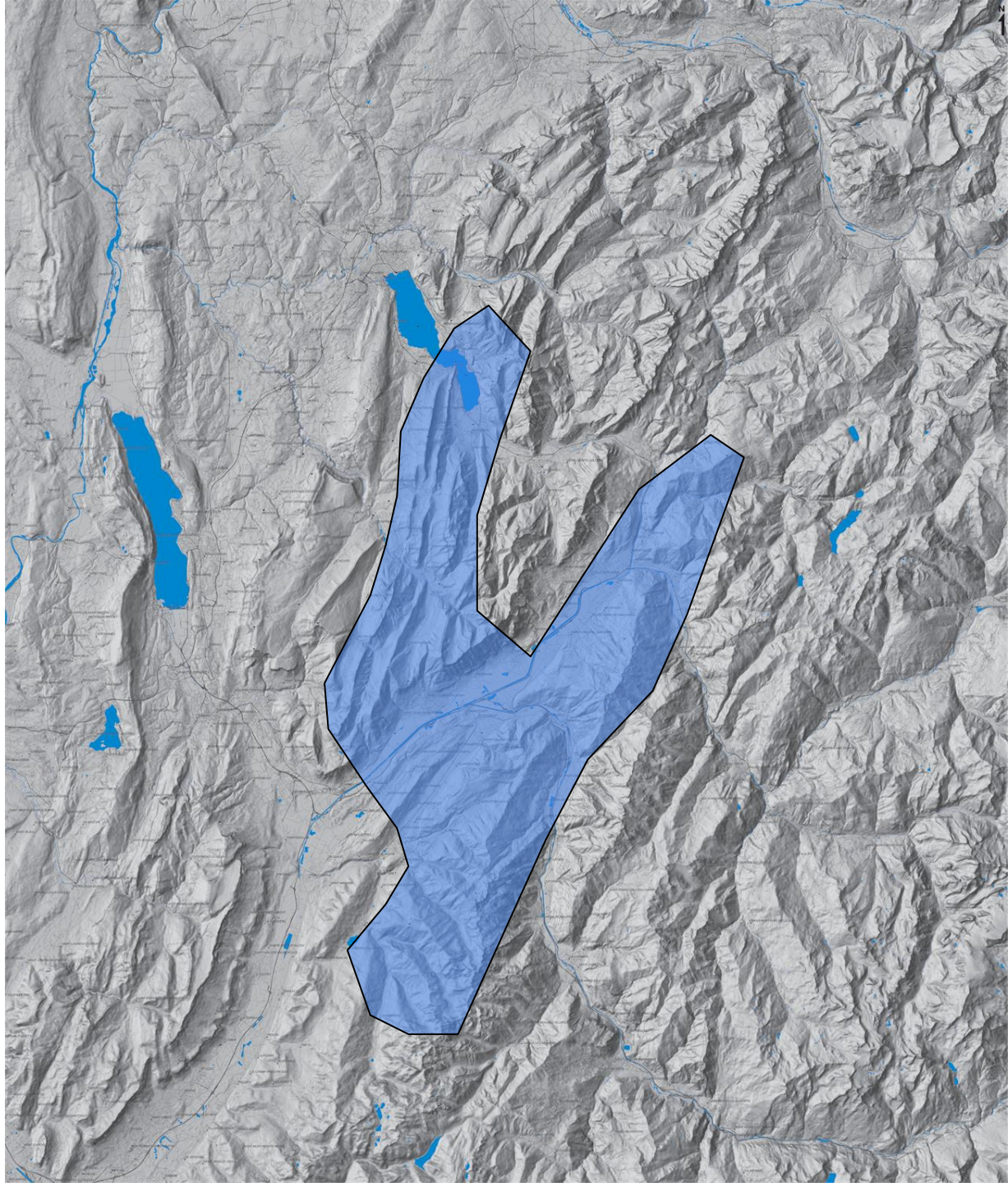
With a moderate north wind.



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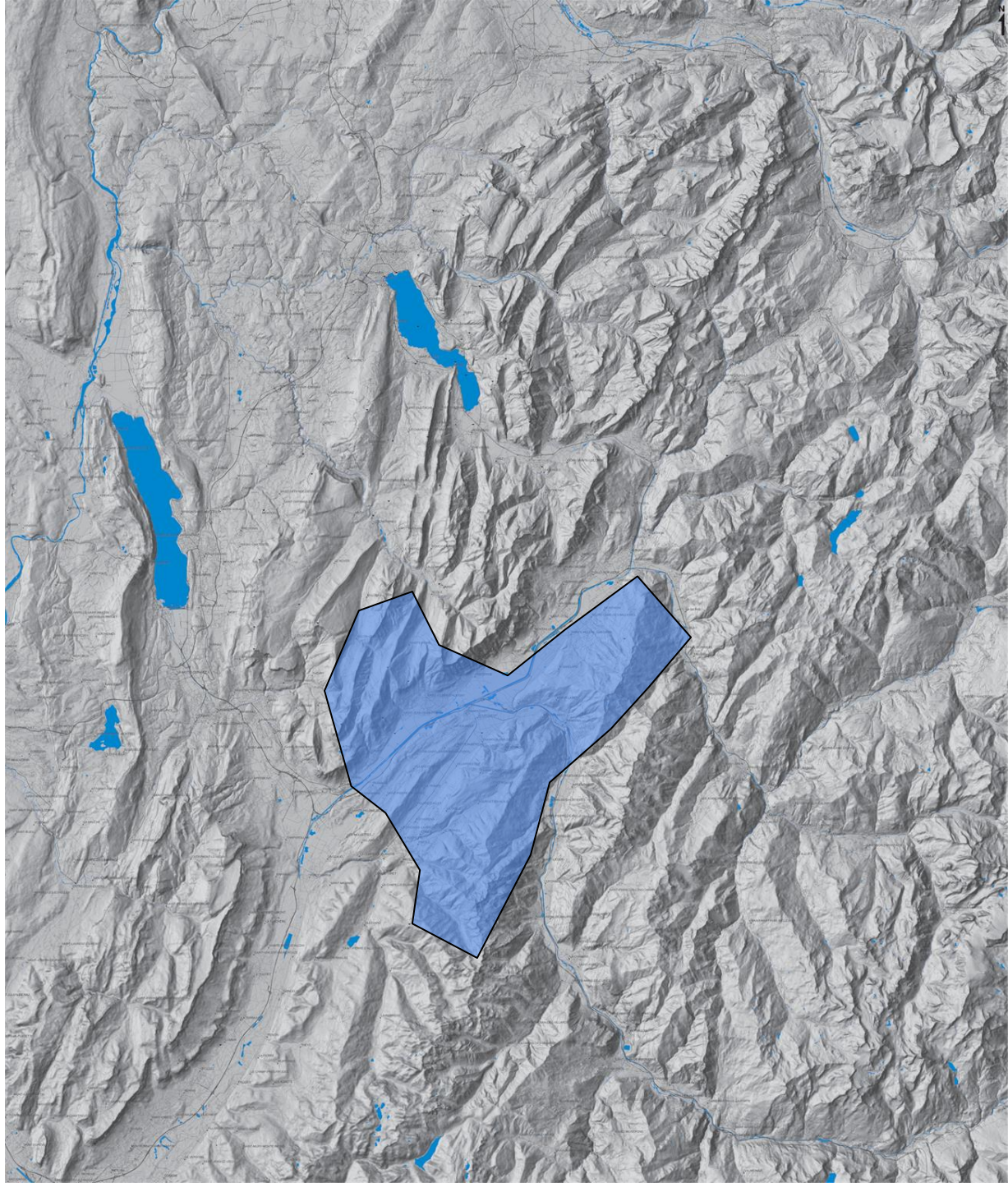
AIR Événement

With a strong north wind.



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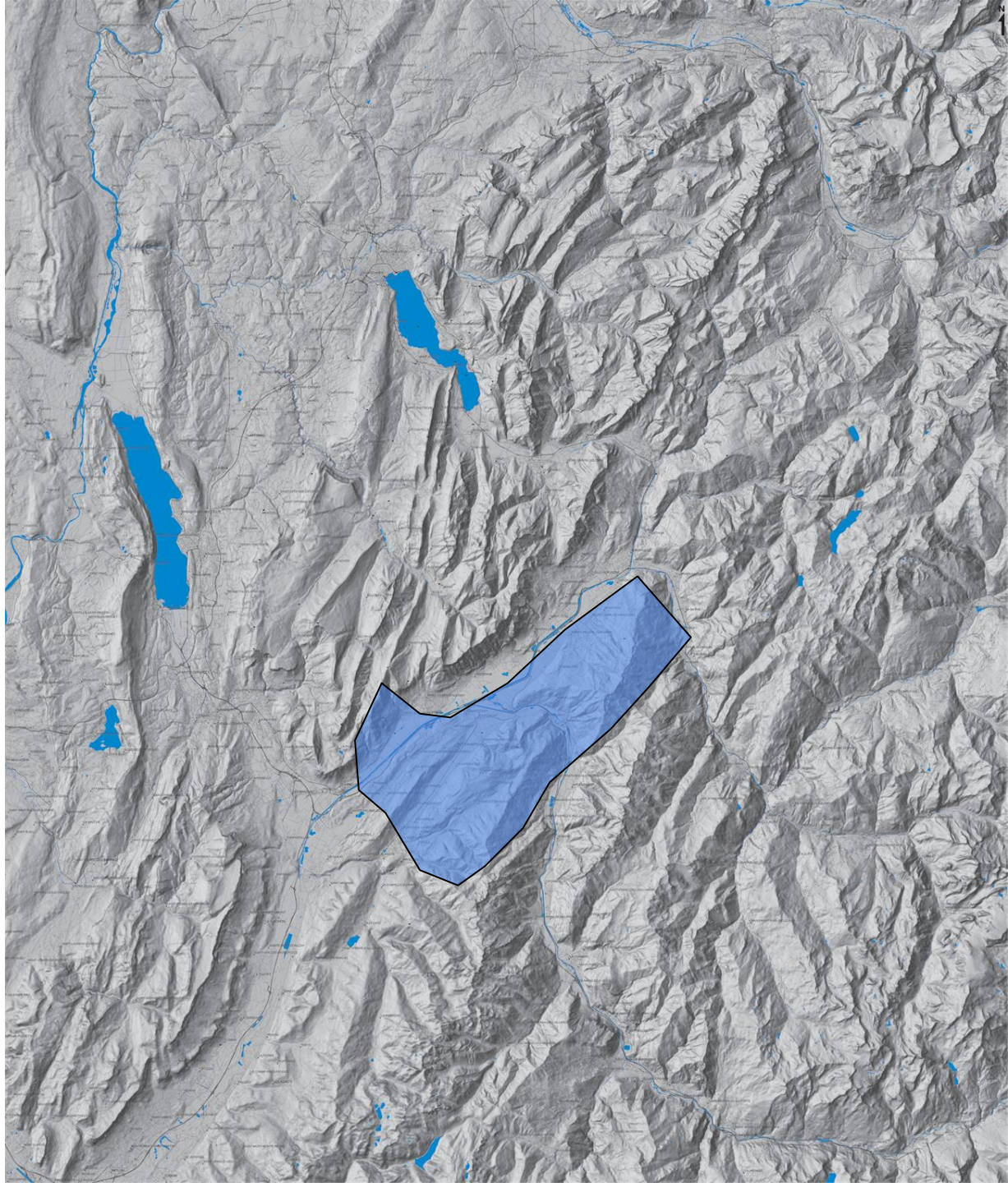
AIR Événement

And with very strong north wind.



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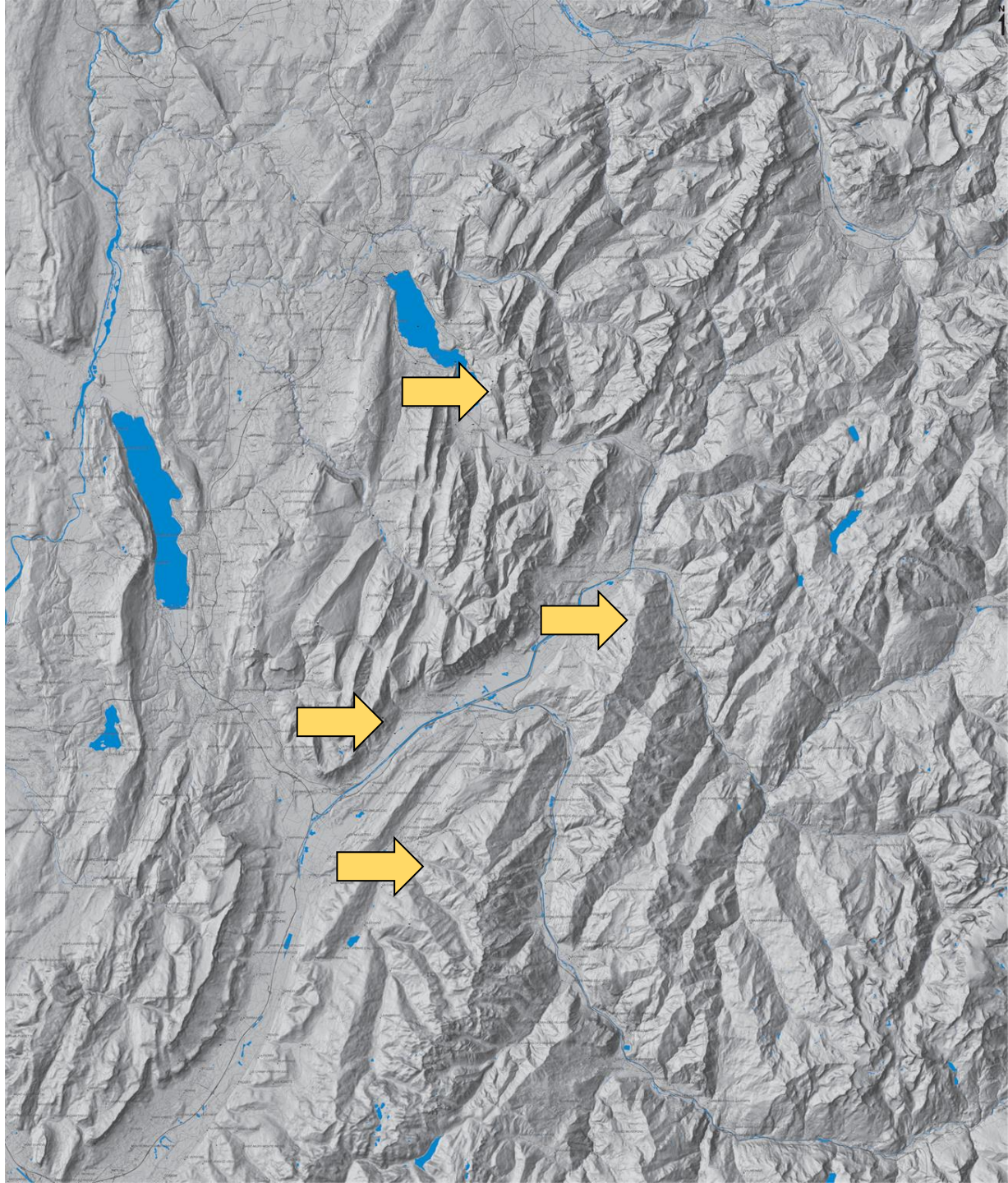
Take-off sites…
In regular conditions.

Montlambert: Alt 894m
Val Pelouse: Alt 1692m
Chalet de l'Ebaudiaz: Alt 1783m
Forclaz pass: Alt 1257m



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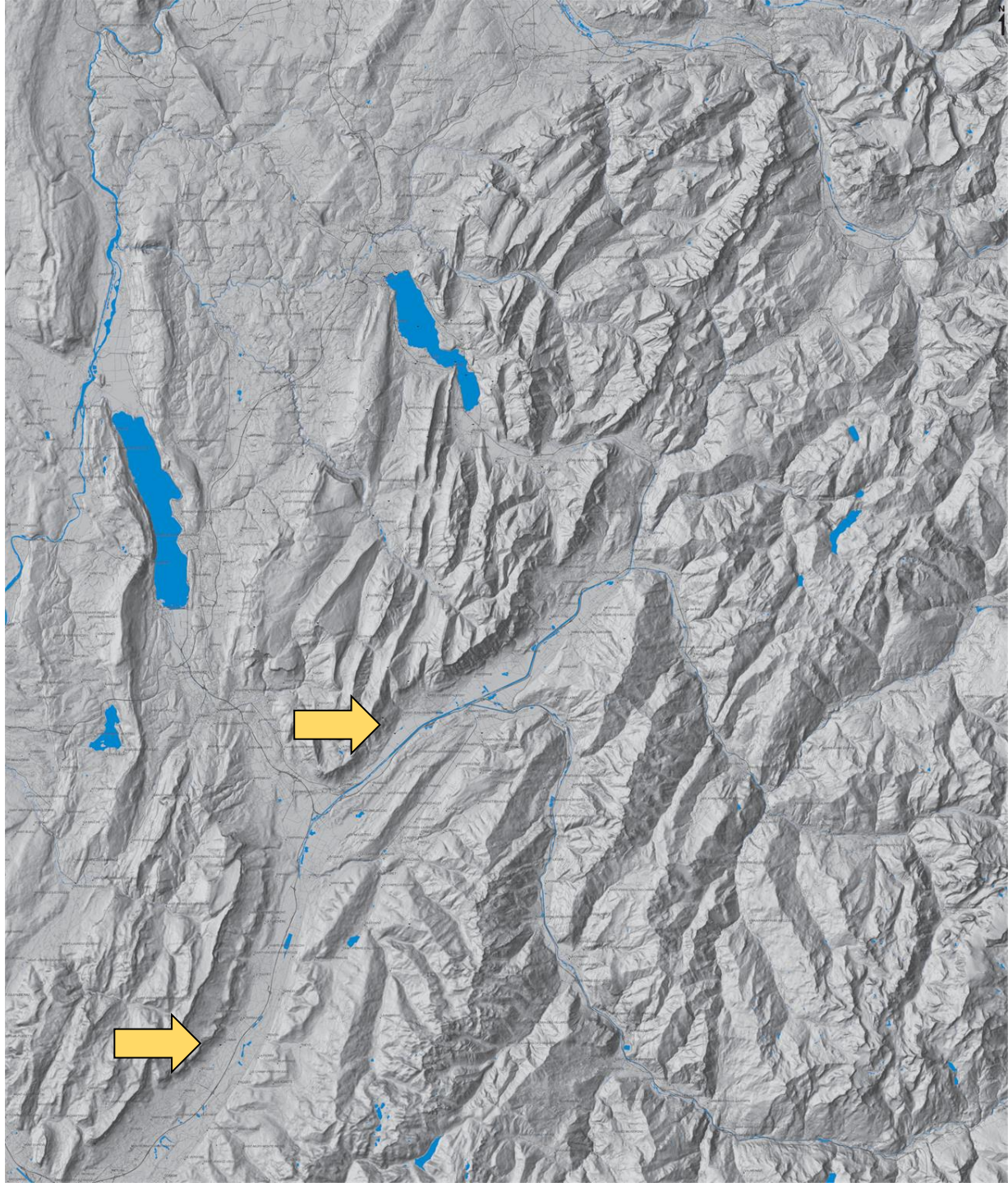
AIR Événement

In case of deteriorating weather at the end of the day.

Montlambert: Alt : 894m
Saint Hilaire du Touvet: Alt 989m



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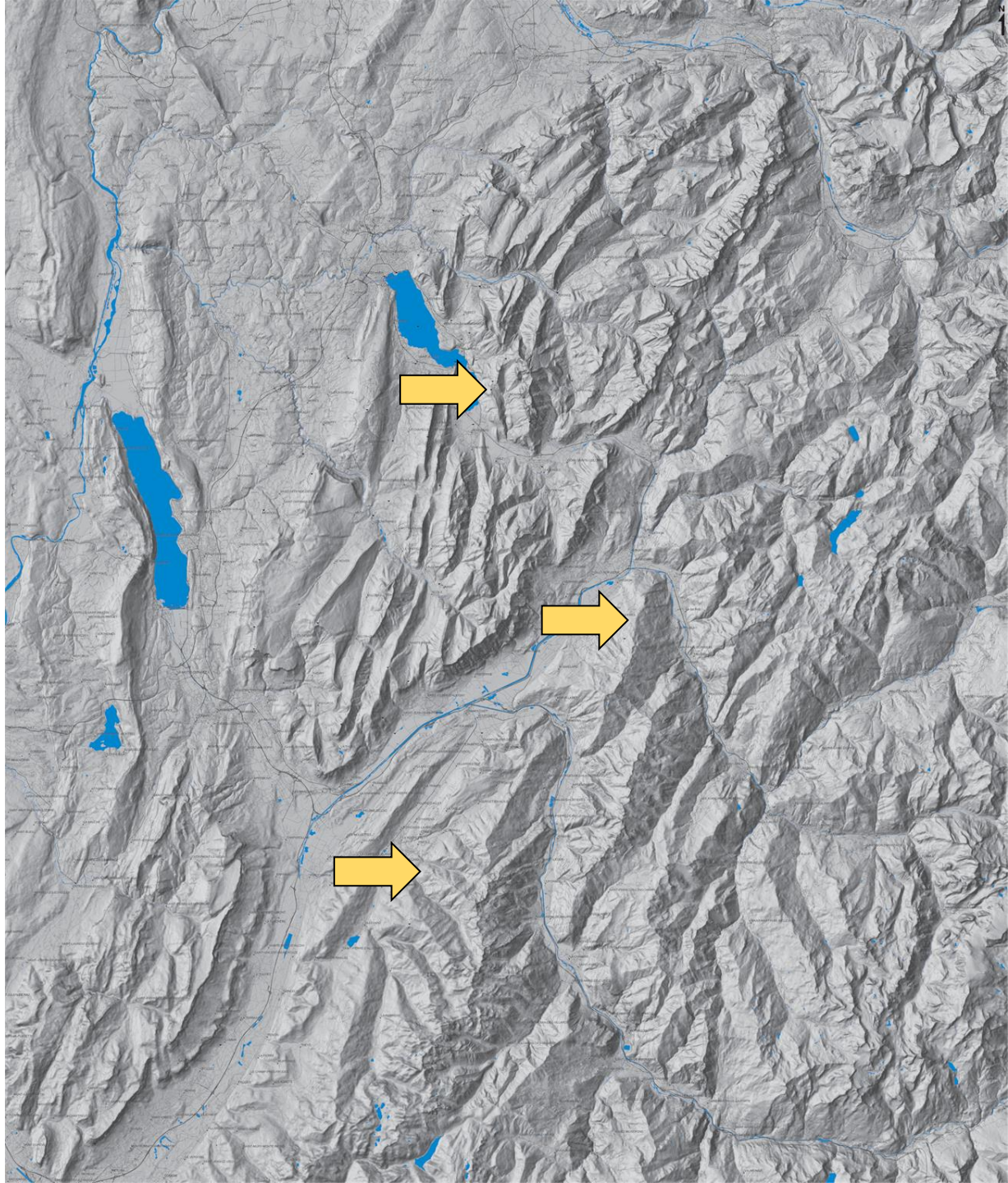
AIR Événement

In case of low level stability.

Val Pelouse: Alt 1692m
Chalet de l'Ebaudiaz: Alt 1783m
Forclaz pass: Alt 1257m



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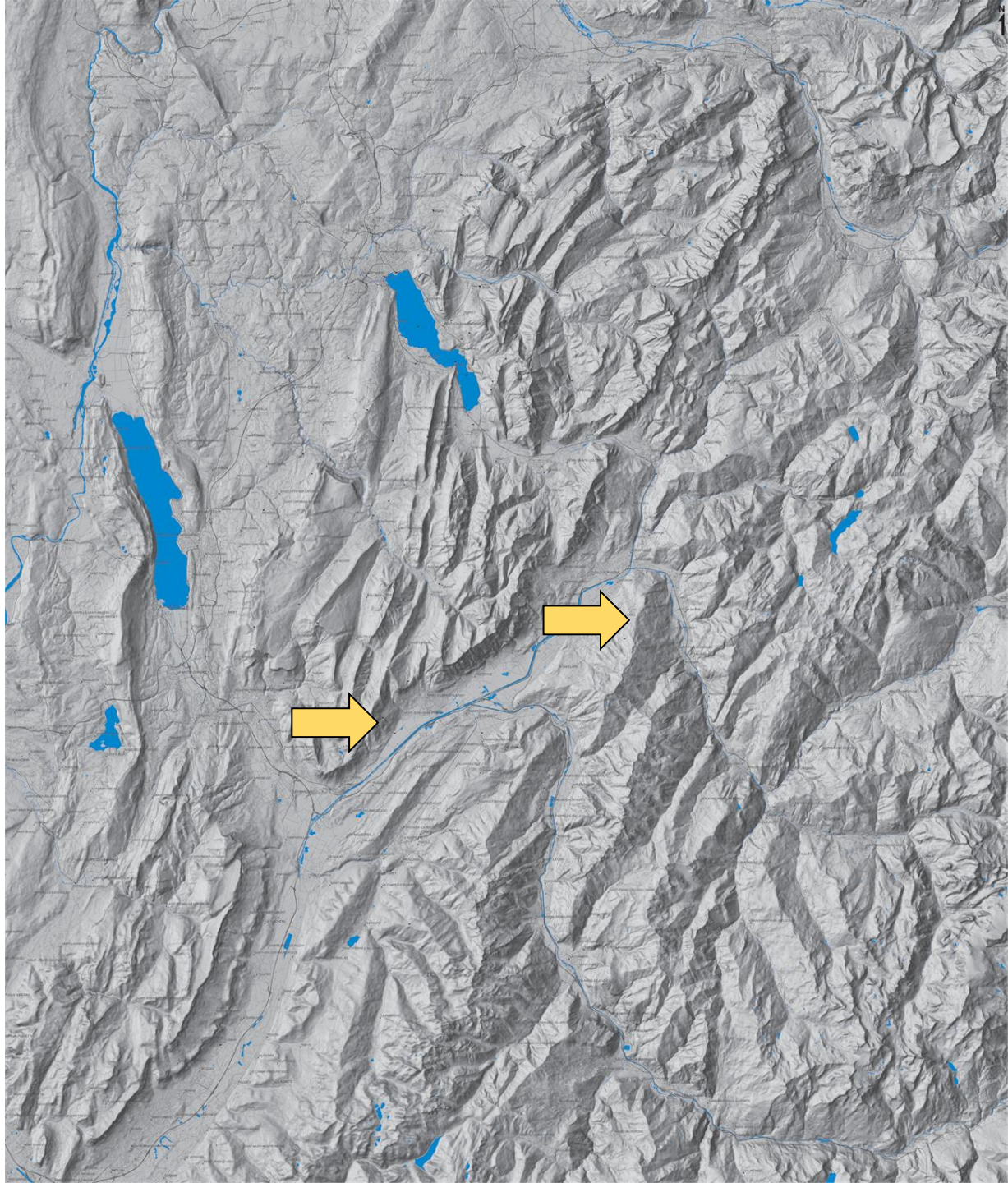
In case of strong north wind.

Montlambert: Alt 894m
Chalet de l'Ebaudiaz: Alt 1783m



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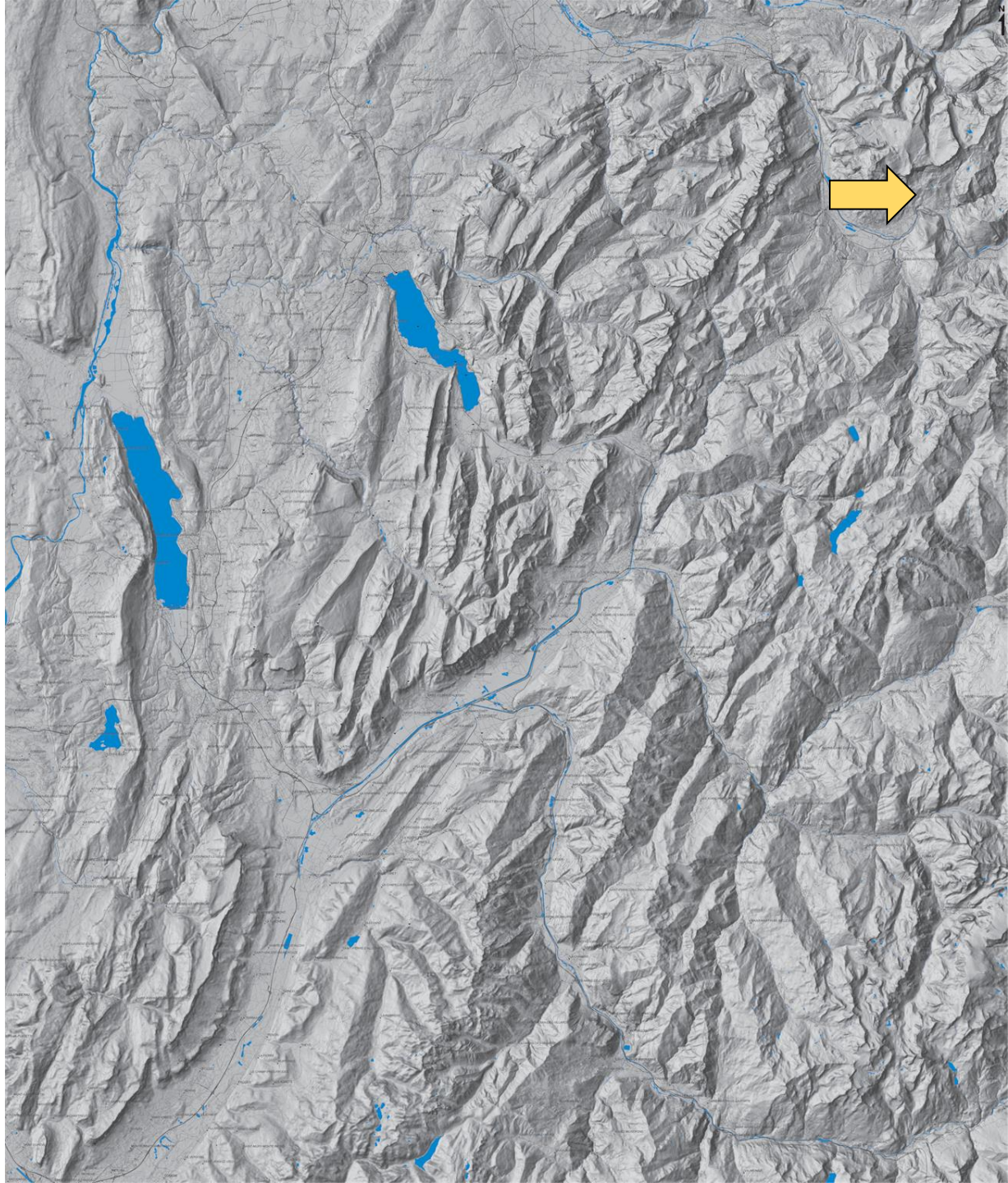
AIR Événement

In case of strong south wind.

Passy: Alt 1335m



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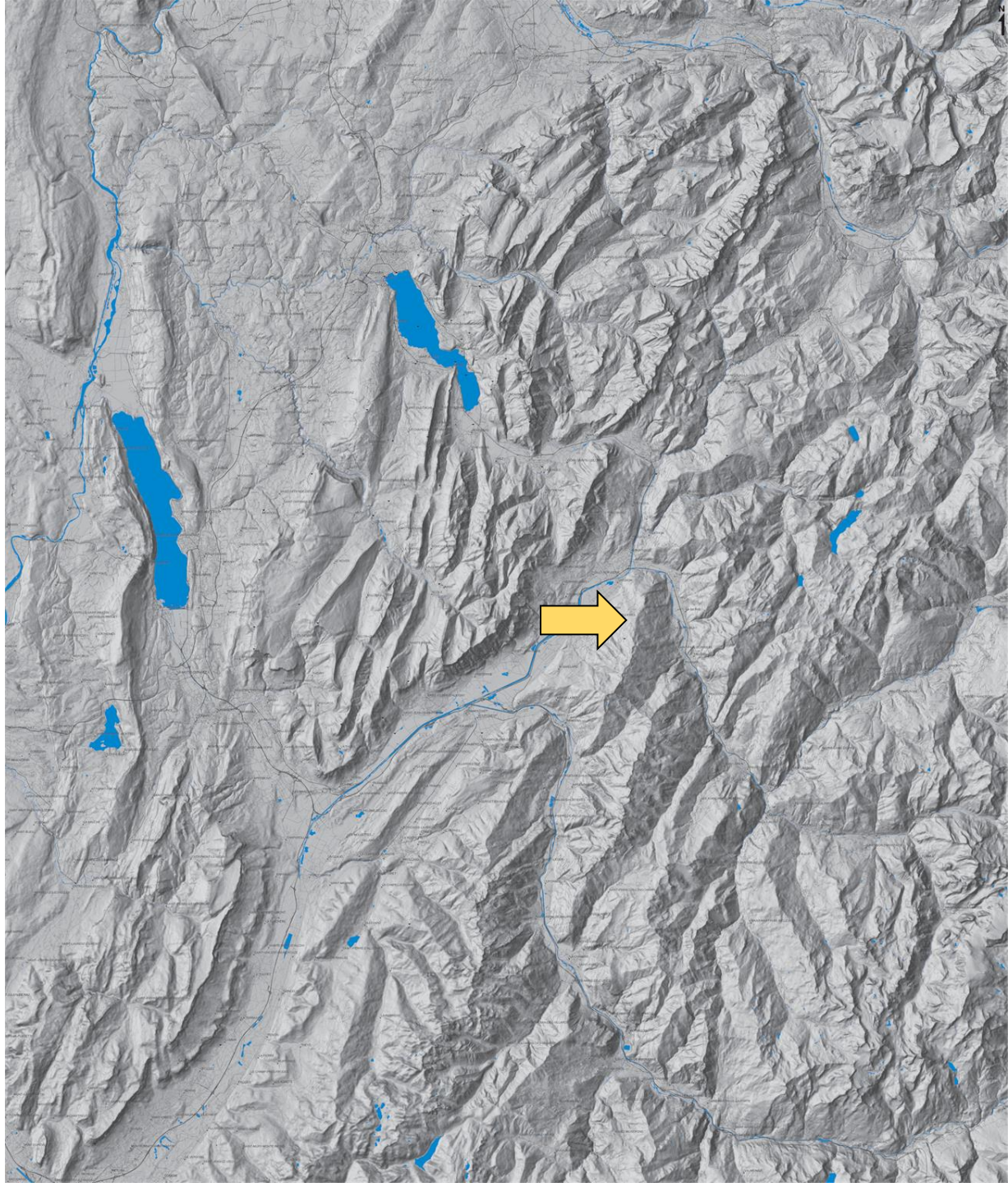
AIR Événement

To save a gloomy day improving in the evening.

Chalet de l'Ebaudiaz: Alt 1783m



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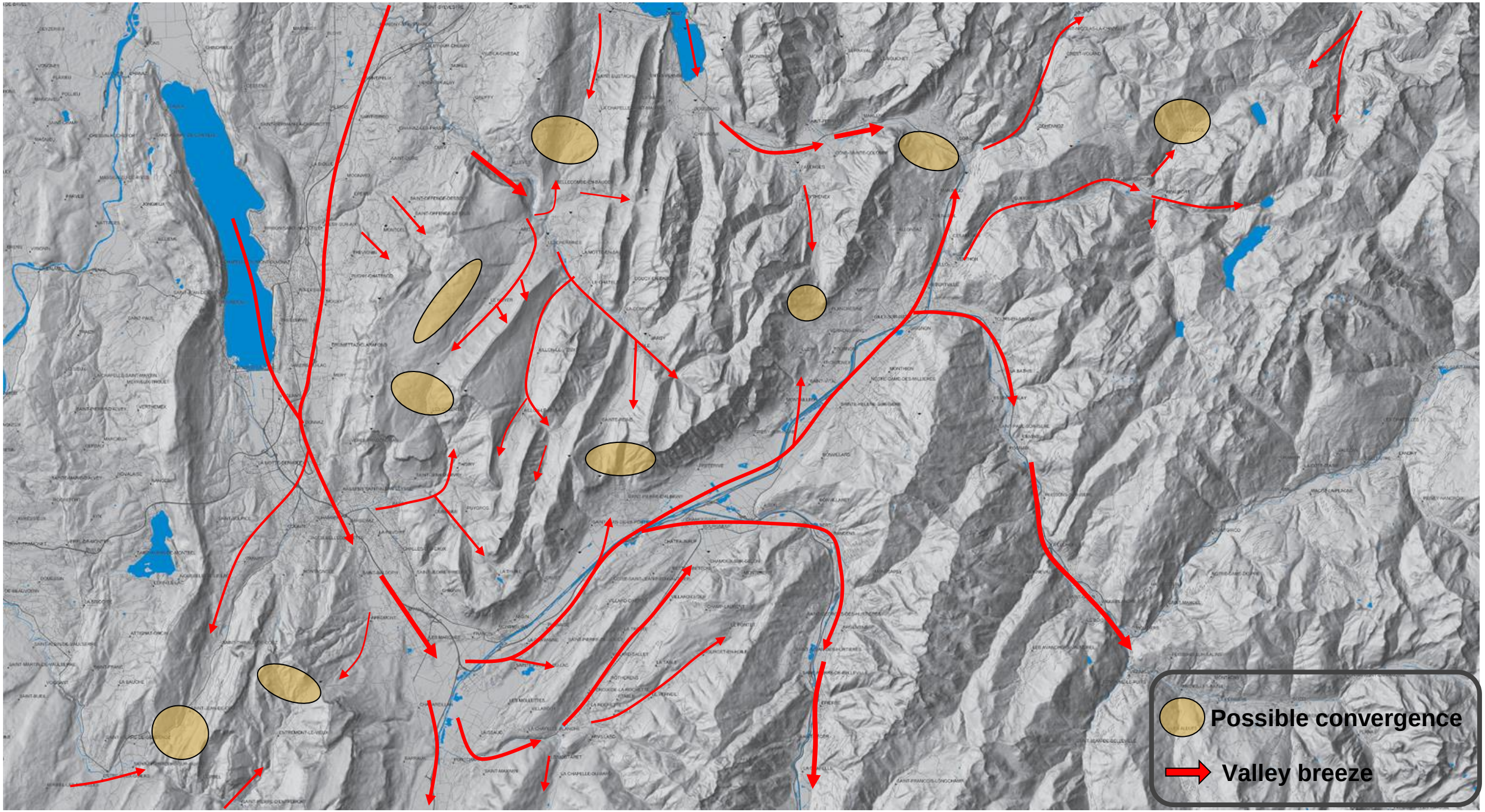
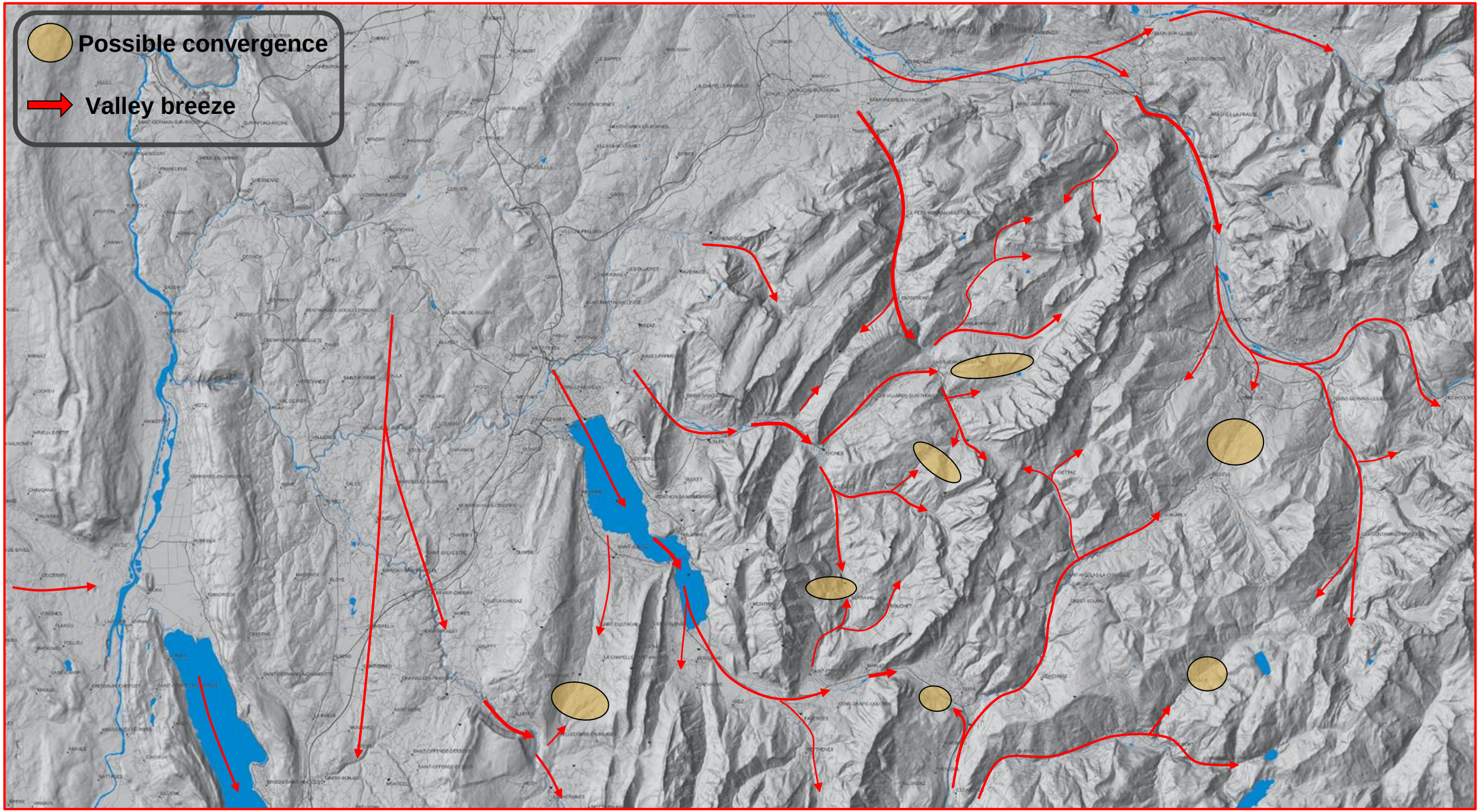
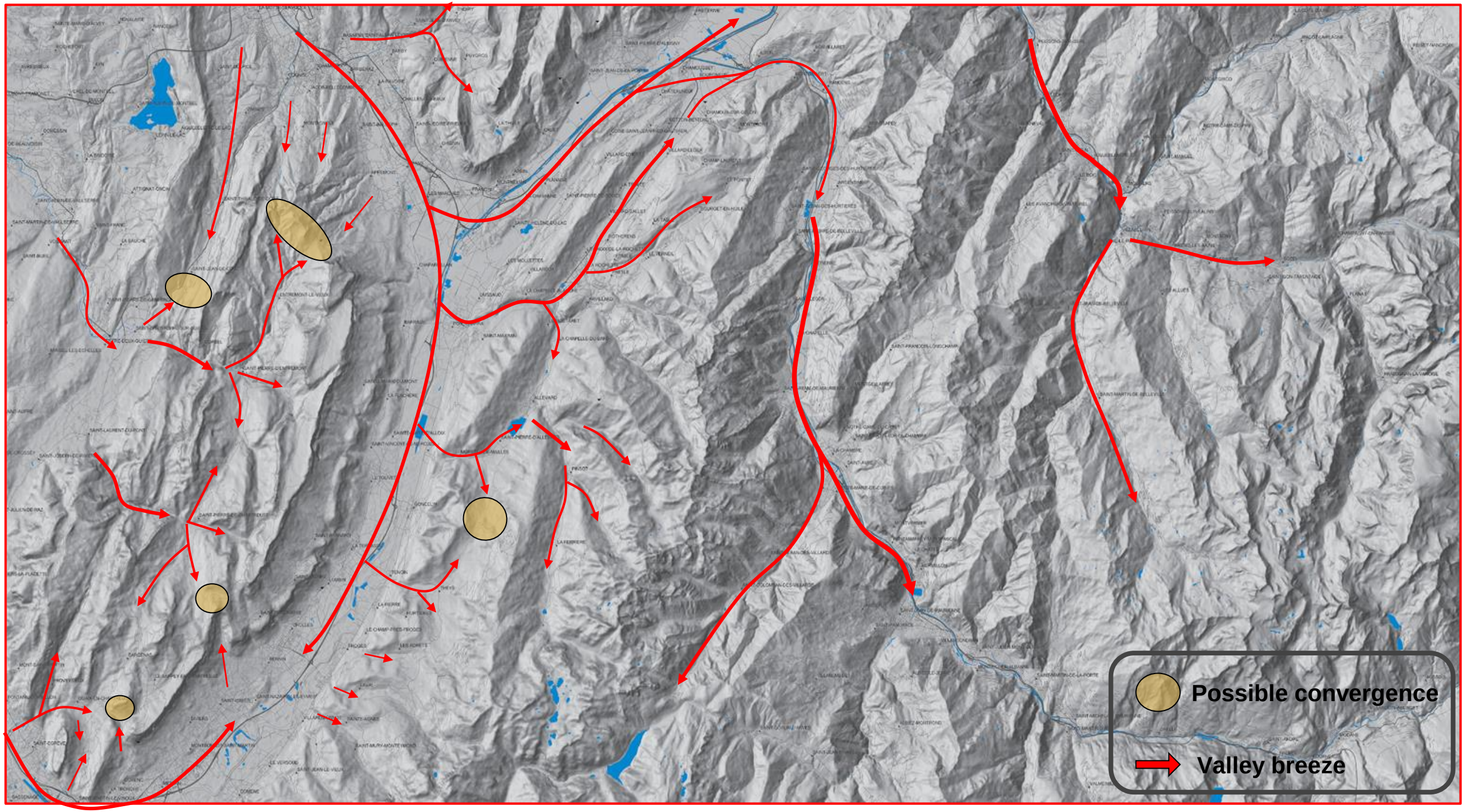
AIR Événement

Valley breeze and convergence in regular conditions.


Possible convergence
Valley breeze


Possible convergence
Valley breeze


Possible convergence
Valley breeze