

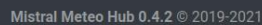


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# **METEO-HUB: Formazione per i Centri funzionali regionali e servizi ARPA settore meteo**

Visualizzazione e mappe

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# INTRODUCTION

## STATIC PLOT

### Pros:

- Mainly .png format
- Created offline
- Easy to integrate in a web page
- Availability of meteorological plotting package (magics)

### Cons:

- Decrease in resolution with zoom (where available)
- no interaction
- Lack of webmap

## INTERACTIVE PLOT

### Pros:

- Resolution change with zoom
- Interaction with layers
- Image can be plotted on web maps

### Cons:

- Created at runtime, quite high computational cost
- Difficult layer superimposition
- Lack of packages for meteorological applications

## METEOTILES

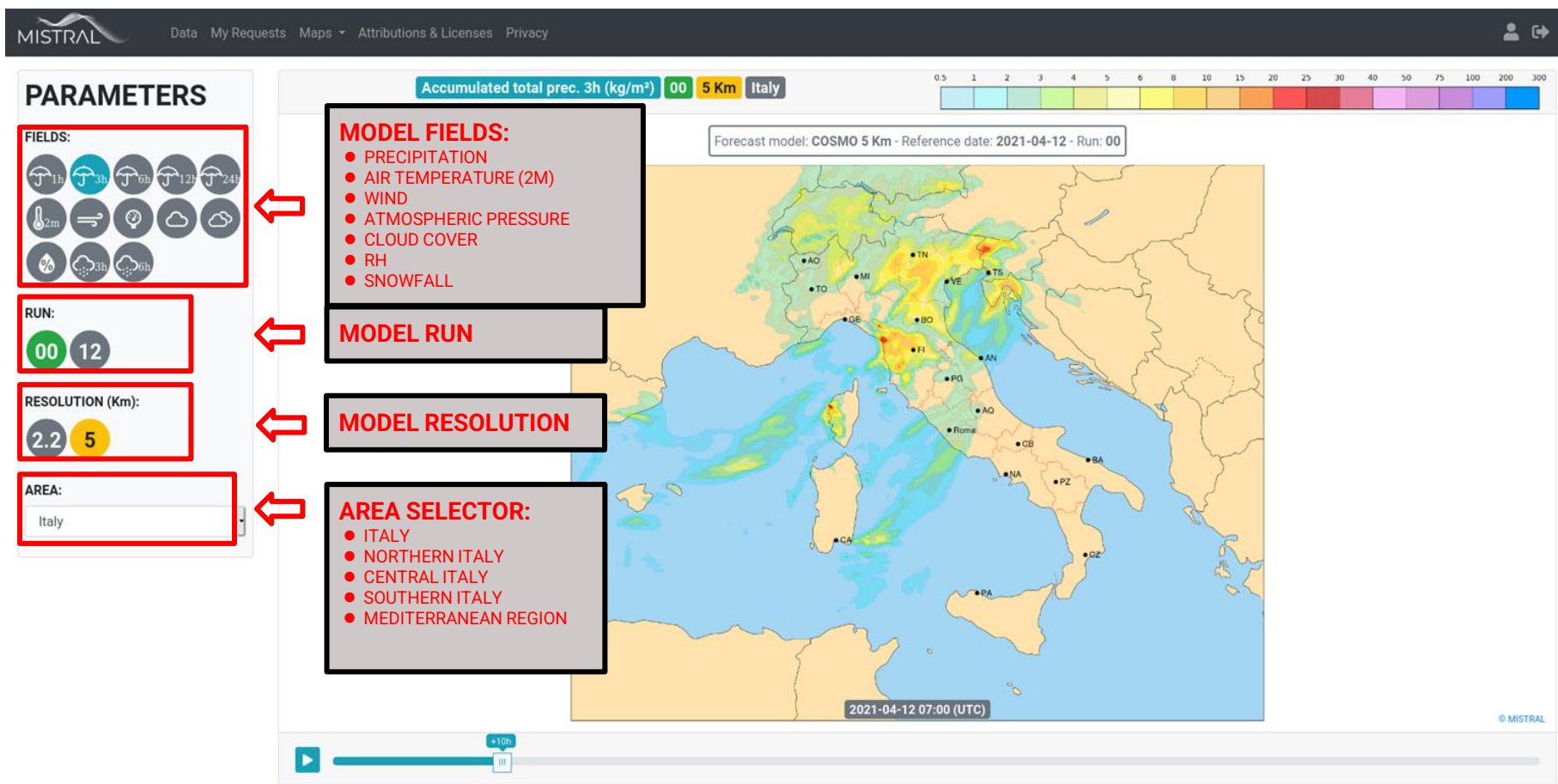
### Pros:

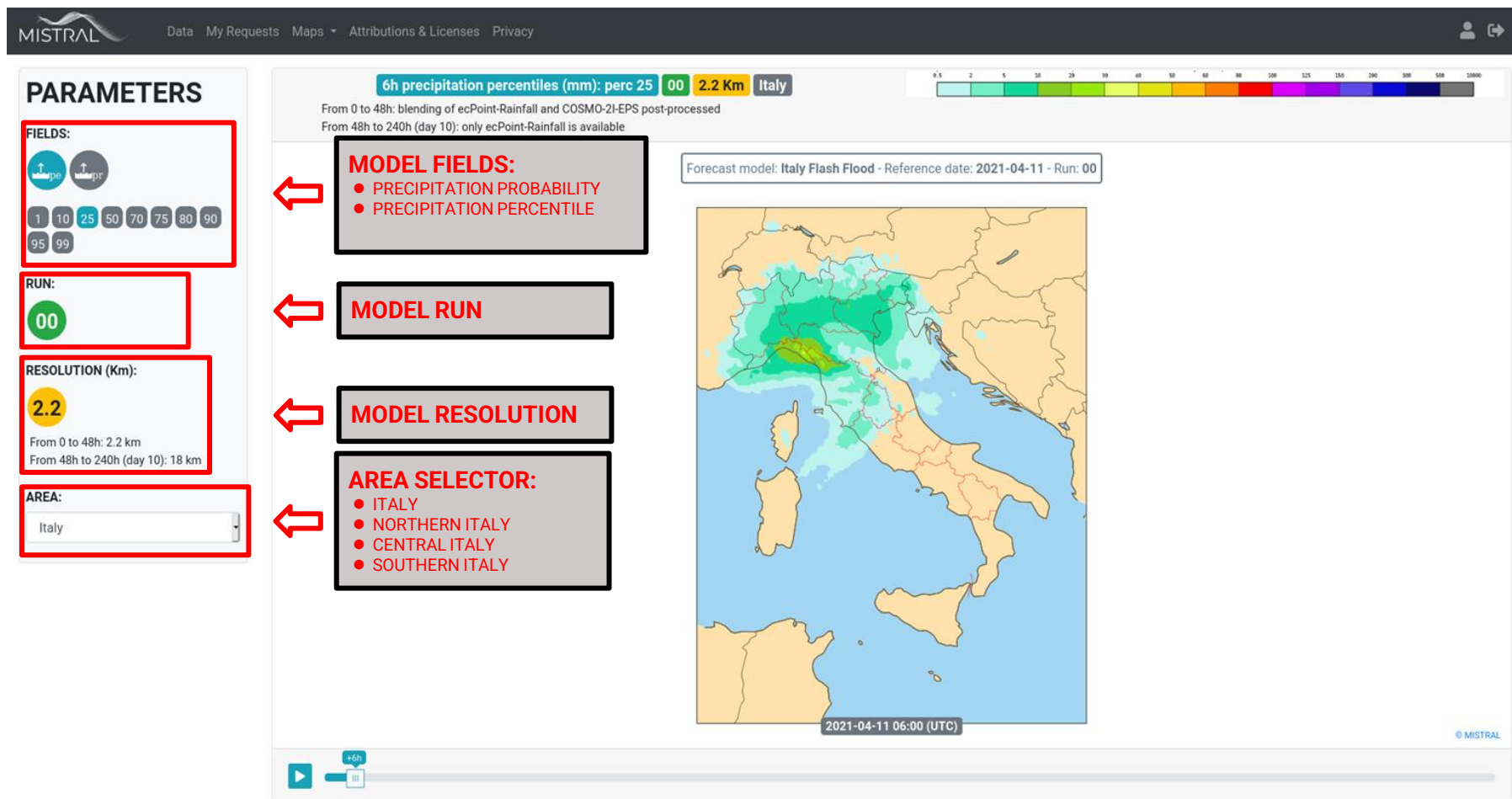
- produced using PNG tiles (webmap format)
- Created with Magics (ECMWF)
- No resolution lost with zoom
- Easily layers superimposition

### Cons:

- Fixed number of zoom available
- Layer not responsive







# MULTI LAYER MAPS

