

20210713

1rst briefing: 930LT

Today : pre SOP day

Tomorrow: pre SOP day

0/ Operations yesterday Monday 12 July: None, SOP not initiated yet

1/ Weather :

Observations: As the meeting starts, the skies are clear and the temperatures relatively cool (below 15°C).

Forecasts: The Meteo-France AROME forecast indicates dominance of cyclonic conditions at 500 hPa over the LIAISE area until Sunday 18th, with relatively cool temperatures. At the surface with predominant westerlies, with sea breeze absent (or having difficulties to get well) in the area. The temperature in the afternoon will be progressively increasing from 25°C today to 30°C on Thursday, with increasing PBL heights as the week advances from 1000 to 2000 m. No clouds neither rain in the next three days, except to the NE (Girona area) on Thursday. Forecast soundings show high humidity at high levels, cirrus cannot be discarded. From Monday 19th on, anticyclonic conditions seem to establish over the area.

The SMC WRF forecast for Thursday 15th confirms the predominance of westerlies and the non-arrival of the breeze, that should stay at the other side of the pre-coastal mountain range. Storms over the Pyrenees may send anvil high-clouds in the late afternoon, after 17 LT. No clouds over the Iberic System as it will be under moderate westerly flows.

Details for today and tomorrow: N.A.

2/ Operations for today Tuesday 13 July: N.A

3/ Operations for tomorrow Wednesday 14 July: N.A.

4/ Operations for the day-after-tomorrow Thursday 15 July:

Thursday 15th is pre-selected as IOP1, pending confirmation tomorrow. This will depend to a large degree on the forecast trend and the higher resolution WRF runs from SMC.

5/ Other news :

- The NASA aircraft is in Valencia and currently they plan to fly in the mornings, with flights likely ending by 11:00 local (so no conflict with the ATR42). A late afternoon flight is possible on some days: this is still under discussion. The timing of the flights is a compromise between logistical issues with leaving too early and avoiding high turbulence in the late morning.
- The LMD lidar is undergoing final tuning and tests, but the installation is up and running.
- A communication day is planned on the 20th. IRTA is organizing this day. Details will be provided as plans are finalized.
- Both Jordi Vila and David Tous de Moner recommend a communication meeting(s) with local farmers. This is tentatively planned for after the 20th. This is just being initiated.
- There is an issue with alfalfa (uncut) around some of the instruments at La Cendrosa: this will be addressed urgently.
- Note that while up to 4 stable boundary layer observation periods with RS and tethered balloon are expected to be in IOP days, nocturnal tethered balloon soundings may also take place in non-IOP days.