In 2006, two extreme hail events occurred in Germany. We describe the conditions under which they have developed and whether they were correctly forecast or not.

**Large-scale flow**

- A well-defined, positively tilted upper trough west of Germany.
- A ridging upper-level jet over southeastern and southwestern Germany. Germany was weakening while moving northward.
- Another weak but well-defined trough south of Belgium, passing over Germany to its left rear entrance region.
- A weak high pressure system is hitting southern France, while moving slowly towards the north.
- Most parts of Germany are weakly to moderately affected by the approaching upper-level trough.

**Proximity soundings**

- On the 17th, the upper-level flow was situated over the western Alps/Design, guiding the trough northeastward on the following day, while strengthening.

**IR Satellite**

- Developing supercells on 16th June 2006 17Z (inset Villingen-Schwenningen).
- Maturing thunderstorm south of Berlin at 16th June 2006 18Z.

**Conclusion**

- Two severe hail events were encountered, which occurred in eastern Germany 16-17 June, 2006, and southwestern Germany 16th June 2006, although the supercells were not as large in both events, there were a few severe events.
- The developing thunderstorms occurred on a day when numerous thunderstorms rapidly developed and organised storms with an attendant large hail and even tornado-like threat.
- The large set-up featured the evolution of large and even, mature and supercellular large hail, often reaching 10 cm in size and relief high shear.
- The large set-up was observed over Germany.

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