| Model configurations: | | | | | |
|-----------------------|----------|------|---------|-------|--|
| Resolution | Forcing | Lev. | Convec. | Turb. | |
| 7 km | IFS | 40 | Tiedtke | 1D | |
| / KIII | 11/5 40 | Deep | TKE | | |
| 2.8 km | CTRL-7 | 50 | Tiedtke | 1D | |
| | | | Shallow | TKE | |
| | | | | 3D | |
| 500m | CTRL-2.8 | 80 | - | TKE | |
| L | | | | IKE | |

| Assimilation configuration: | | | | |
|-----------------------------|-------------------------|---------|--|--|
| Observations | Freq. | Levels | | |
| RAD (Oper. Rads.) | ~ 6 h | ~20 | | |
| HR (High-res. Rads.) | ~6 h | ~4000 | | |
| GPS | 10 | Integr. | | |
| | min | integr. | | |
| GPS-RAD | Combined instruments | | | |
| RAD-HR | | | | |
| GPS-RAD-HR | | | | |
| CTRL (No obs.) | | | | |