| cron job schedule (time extent) | create AgriMetSupport instance | raw data collection in DB | create certified 10-min data (measured & infilled) build raw hourly and daily data | create certified hourly and daily data (measured & infilled) | point and grid simulations output (e.g. by pest risk model) | Campania Region Instance |
|---|---|---|---|---|---|---|
| once (−) | **initialize** 00 | | | | | *100% |
| hourly (1h) daily (5d) | | 10-min **dowload** 01 **decode** 02 10-min | | | | *100% |
| hourly (6h) daily (7d) | | | 10-min **check** 03 **infill** 04 **timescale convert** 05 hourly & daily | | | *100% |
| hourly (12h) | | | | hourly **check** 03 **infill** 04 hourly | | *0% |
| daily (12d) | | | | daily **check** 03 **infill** 04 | | *80% |
| daily (15d) | | | | | **point model** 06 daily | *70% |
| daily (15d) | | | | | **spatia-lize** 07 **grid model** 08 daily | *0% |

**WeatherProg module**
input timescale → output timescale