A few days before target day (e.g. Jan. 1\textsuperscript{st}, 2\textsuperscript{nd}, 3\textsuperscript{rd})

**Training stage**

Pairs of observed meteorological data and known prediction error degrees

**Test stage**

MKDA-based ordinal regression

Observed meteorological data monitored several hours ago

Unknown prediction error degree

**Target day (e.g. Jan. 4\textsuperscript{th})**