

**CPC****COOPERATIVE PATENT CLASSIFICATION****G01W**

**METEOROLOGY** (influencing weather conditions [A01G 15/00](#); dispersing fog [E01H 13/00](#); instruments for measuring single variable in general, see the appropriate subclass of [G01](#), e.g. [G01K](#), [G01L](#); obtaining meteorological information by radar [G01S 13/95](#))

**G01W 1/00****Meteorology****G01W 2001/003**

- {Clear air turbulence detection or forecasting, e.g. for aircrafts}

**G01W 2001/006**

- {Main server receiving weather information from several sub-stations}

**G01W 1/02**

- Instruments for indicating weather conditions by measuring two or more variables, e.g. humidity, pressure, temperature, cloud cover, wind speed ([G01W 1/10](#) takes precedence)

**G01W 1/04**

- . giving only separate indications of the variables measured

**G01W 1/06**

- . giving a combined indication of weather conditions (catathermometers for measuring "cooling value" related either to weather conditions or to comfort of other human environment [G01W 1/17](#); computers per se [G06](#))

**G01W 1/08**

- Adaptations of balloons, missiles, or aircraft for meteorological purposes; Radiosondes (transmission of measurements [G01D](#); transmitting circuits [H04B](#); {balloons in general [B64B](#); aeroplanes in general [B64D](#); missiles in general [F42B 15/00](#)})

**G01W 1/10**

- Devices for predicting weather conditions (computers per se [G06](#); display devices [G09](#))

**G01W 1/11**

- Weather houses or other ornaments for indicating humidity

**G01W 1/12**

- Sunshine duration recorders (measuring intensity of sunshine [G01J](#))

**G01W 1/14**

- Rainfall or precipitation gauges (measuring volume in general [G01F](#))

**G01W 1/16**

- Measuring atmospheric potential differences, e.g. due to electrical charges in clouds (measuring potentiels in general [G01R](#))

**G01W 1/17**

- Catathermometers for measuring "cooling value" related either to weather conditions or to comfort of other human environment

**G01W 1/18**

- Testing or calibrating meteorological apparatus

**G01W 2201/00**

**Weather detection, monitoring or forecasting for establishing the amount of global warming**

**G01W 2203/00**

**Real-time site-specific personalized weather information, e.g. nowcasting**