

**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](#))

**Guidance heading:****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

**Guidance heading:****G01W 2201/00**

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

**Guidance heading:**

**G01W 2203/00**      **Real-time site-specific personalized weather information, e.g. nowcasting**