

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 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 2001/00**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 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**