

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