DWD Facts and Figures for 2018

Budget (as suggested in the First Federal Government bill on the Federal Budget Act 2018)

- Total budget (expenditure): planned: 347 million euros (of which nearly 157 million are contributions to international organisations such as EUMETSAT)
- Available budget: around 190 million euros
- Investments: close to 34 million euros
- Expenditure on staff: around 114 million euros
- Revenues (go directly to the federal budget): a good 14 million euros, of which close to 8 million are fees for aeronautical meteorological services
- DWD’s need for taxpayers money: close to 333 million euros (total budget less revenues)
- Around 2300 staff members (civil servants and employees)

DWD throughout Germany

- **Headquarters** in Offenbach am Main
- 6 major branch offices (Hamburg, Potsdam, Leipzig, Essen, Stuttgart, Munich), some with more than 100 staff members
- 5 regional climate offices providing consultancy services in the field of climate and environment
- 5 MET advisory centres
- 3 agrometeorological advisory centres
- 182 main weather stations of which
  - 8 are manned around the clock and 3 part time
  - 155 are fully automatic weather stations and
  - 16 are aeronautical meteorological offices at international airports
- 1761 secondary weather and precipitation stations, of which
  - 841 are online stations that report every hour whereas 772 send their hand-recorded reports on a daily basis
- 1149 phenological stations
- 2 staffed main weather stations aboard research ships
- 30 automatic shipboard weather stations
- 434 weather reporting stations aboard merchant ships
- 5 moored buoys in the North and Baltic Seas
- 4 automated shipboard aerological stations (ASAP)
- 18 weather radar sites in Germany
- 2 meteorological observatories
- 10 upper-air stations with around 7,000 radiosonde launches per year
• **48** stations for measuring radioactivity
• **3** mobile measuring units
• **1** volcanic ash crisis task force (which is activated in the event of volcanic activity threatening to affect the German airspace) and a special air mission unit for volcanic ash measurements

**Annual productivity**

• About **90,000** forecasts and about **200,000** weather and severe weather warnings
• More than **14,000** advisory statements on weather and climate as well as expert reports for public authorities, disaster control units and other customers
• Approx. **500,000** forecasts and warnings for aviation
• Around **42,000** telephone briefings for aviation
• Provision of self-briefing systems for civil aviation, aerodromes & airports and air services providers (around 400 million requests)
• Around **200,000** reports, warnings and advisory services for marine shipping, coastal protection and offshore projects
• Participation in **50** large national and international climate and weather research projects
• Over **15,000** products for climate monitoring
• Around **7.5** terabytes of archived weather and climate data (station data as well as gridded and reanalysis data) which are freely available to the general public, public authorities, industry and the research community
• Around **400** terabytes of archived, free meteorological satellite data, which are mainly used for research purposes
• **230** scientific publications, of which **150** were published in international, peer-reviewed specialist journals (figures for 2017)

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