

BRIEF SUMMARY OF GRAPHICAL FACILITIES IN THE GERMAN METEOROLOGICAL SERVICE

Mr. P. Schanz

Main facilities

Three Calcomp pen-plotters of type 960/925, driven off-line. They produce approximately 500 pictures a day of operational routine output, i.e. plotting of stations, diagrams of upper air data, isoline maps of own products, as well as products of other meteorological centres. In addition several hundreds of pictures a day are plotted as results of research work and other applications.

Special application:

One Tektronix terminal of type 4014, directly connected to the Cyber 173 and driven via Intercom. This display unit is exclusively reserved for the forecasting division to enable quick looks to actual data and to forecasts of numerical models.

Future plans:

Acquisition of an electrostatic plotter. It should be driven off-line by a minicomputer - performing vector to raster conversion - in order that the main computers are not overburdened. (A Cyber 173 achieves only about 20% of the performance of ECMWF's Cyber 175!)

Footnote: In the meantime (August 1982) a CalComp 953/5300 electrostatic plotter device (with a disc storage) has become operational. In addition, experiments are performed to process satellite imagery by a PDP 11/Comdahl system.