



Water
under your control



HydroMaster

Water is prerequisite for life. However, water can also be a severe hazard - to people as well as infrastructure. In your professional capacity, you are responsible for efficiently and safely operating public and private assets and in order to do this you need to effectively manage precipitation related risk.

You cannot influence the weather, but you can be better prepared to minimise its impacts on your operations. HydroMaster provides a sophisticated suite of tools to efficiently analyse observed and forecast precipitation data.

HydroMaster is a live web service that allows you to view, analyse and archive historical as well as upcoming precipitation events. You have access to radar-based observation and forecast data, as well as refined deterministic and probabilistic forecast data for your defined hotspots, zones of interest and catchments.

HydroMaster's customisable alerting functions enable you to take preventive actions: You set the thresholds for your places of interest, while HydroMaster provides reliable rain gauge and radar data as well as tools to evaluate all aspects of past, current or future precipitation events.

You can master the rain thanks to HydroMaster!

Highlights

✓ Radar visualisation and analysis tools

Animate high-resolution precipitation radar imagery (historical and forecast) and retrieve rain gauge-calibrated cumulative precipitation amounts for any defined period, with assessment and actioning of events available via a simple mouse-click.

✓ Customise your HydroMaster

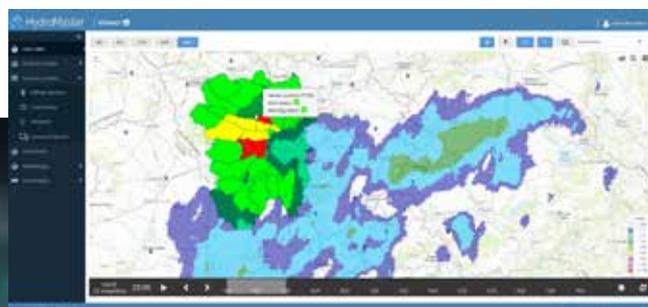
Add your catchment areas, zones of interest, hotspots and rain gauge data to obtain localised precipitation observations and forecasts within seconds. Evaluate how significant the impact will be for your area by comparing with return periods, and take appropriate measures.

✓ Tailored warnings and alerts

Combine past, near real-time and future precipitation data to generate automated warnings when threshold criteria are met. For timely and effective dissemination of warnings you decide who, how and when messages will be issued.

✓ Archive

View and analyse past precipitation events using the same tools as in real-time. Save your work in comprehensive post-event analytical reports with various pre-formatting options.



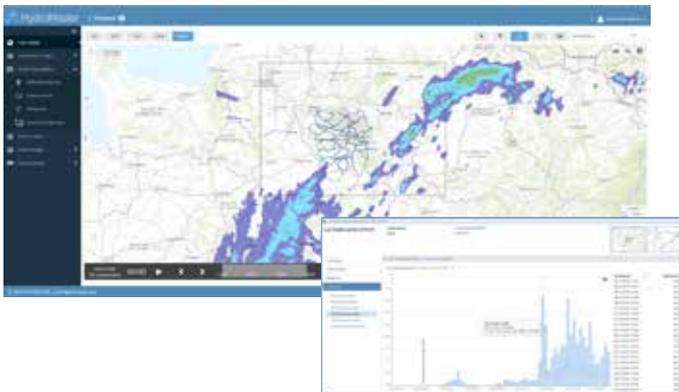
Know what's coming & mitigate your risks

HydroMaster empowers users with access to the very latest high resolution precipitation radar in real time, updated on a continuous basis. With radar-based nowcasts paired with multi-model deterministic and probabilistic forecasts up to 15 days in advance, you can be assured of timely and accurate information to support your operational decisions. To give users an indication of rainfall event severity, forecasts are contextualised using a dedicated severity index which takes into account both location and season. With HydroMaster you not only know what's coming but also when, where and the expected impact.

Personalise your experience

Featuring a modern dashboard interface HydroMaster distils complex information into a series of easily interpretable and intuitive maps, charts and tables. Radar maps, precipitation totals, alarm statuses and return periods can all be configured at the click of a button, and individual users have the freedom to personalise their dashboards by adding and removing widgets, and repositioning and resizing elements.

Tailor forecast and warnings to your area of interest



Benefitting from industry leading weather modelling technology, HydroMaster provides access to forecasts and warnings tailored to client defined points and zones of interest. With just a few clicks, areas of interest can be freely defined and individual assets or hotspots can be determined. Alternatively the import function allows GIS system derived polygons to be directly uploaded.

Once HydroMaster has been configured with your points and areas of interest it will automatically calculate precipitation totals and forecasts which will be displayed in flexible maps, charts and tables.

Customise your alarms and warnings

With automated monitoring, HydroMaster routinely interrogates the latest observations and forecasts and generates alerts and warnings based on customisable thresholds. Notifications can be disseminated via various media – on-screen, SMS, email or even social media. A rich set of statistics including storm analysis with return periods are presented during rainfall events or for post event analysis.

Share HydroMaster across your team

Each HydroMaster subscription offers an unlimited number of user permissions allowing your whole team to benefit from access. Administrators can quickly and easily customise user permissions, enabling functionality and privileges to be controlled according to user requirements across various applications.



About HydroMaster

HydroMaster is a collaboration between MeteoGroup Ltd and KISTERS AG.

www.hydromaster.com

MeteoGroup is one of the world's leading providers of full-service B2B weather solutions, operating wherever weather impacts business decision making. Our research and forecasts help customers make more effective weather related decisions, increasing revenues, saving costs, improving sustainability and reducing risk.

www.meteogroup.com

KISTERS develops professional software solutions for early warning and emergency management, for environmental protection and for the sustainable management of energy, water and air resources. KISTERS' Global Water Solution is a framework for building efficient customer solutions based on modern technology and in-depth understanding of application areas and markets. Solutions are deployed at hundreds of customer sites with many thousands of licenses worldwide.

water.kisters.de/en

DHI are the first people you should call when you have a tough challenge to solve in a water environment – be it a river, a reservoir, an ocean, a coastline, within a city or a factory. Our knowledge of water environments represents more than 50 years of dedicated research and real-life experience from more than 140 countries. We strive to make this knowledge globally accessible to clients and partners by channelling it through our local teams and unique software.

www.dhigroup.com



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