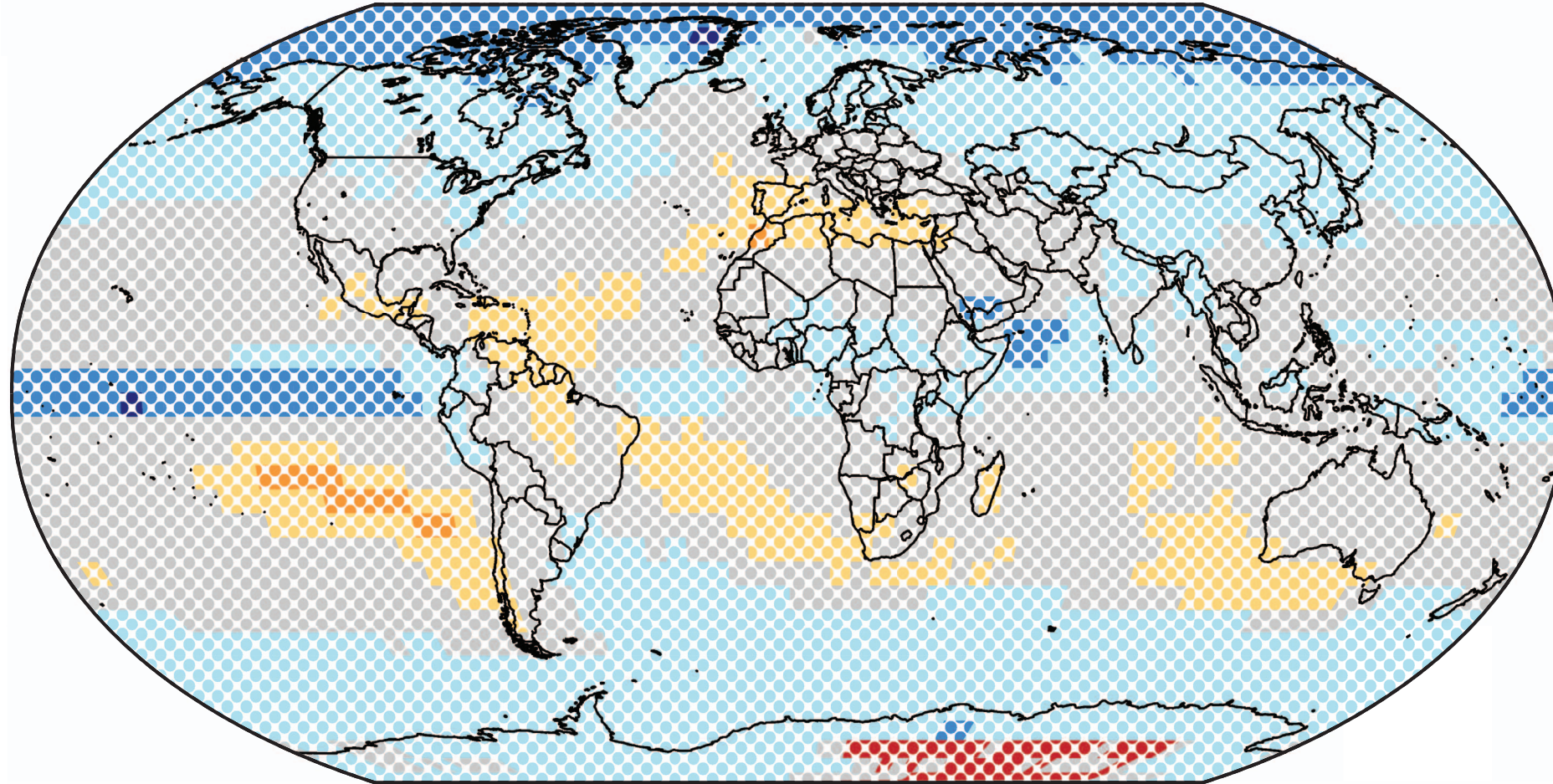


Climate-Signal-Map

Change in annual total precipitation



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Background information

A Climate-Signal-Map shows the mean projected change of a climate parameter averaged for the time period of 2036 to 2065 compared to the average for the time period of 1971 to 2000.

The map is based on a set of 66 climate change projections from a multitude of recent global climate models, resampled on a regular 5° x 5° grid. It combines simulations following three different emission scenarios.

Projected changes are regarded as robust, if at least 2/3 of all models project changes that are:

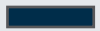


- in the same direction (decrease/increase), and
- statistically significant, and
- insensitive to small shifts of the reference and scenario time periods.

All areas with robust climate change signals are highlighted with color. All areas with non-robust changes are marked with grey.




More details on the method can be found under www.climate-service-center.de/climate-signal-maps

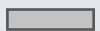
Legend

Increase in annual total precipitation:

more than/equal to 25 percent 
more than 15 and less than 25 percent 
less than/equal to 15 percent 

Decrease in annual total precipitation:

more than/equal to 25 percent 
more than 15 and less than 25 percent 
less than/equal to 15 percent 

Projected changes not robust 

On behalf of



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