Time series of the activity concentration of radionuclides observed after the release in Fukushima. The days on which a sampling period was started are marked by „x“.

For comparison, the dashed lines show the annual mean values 2010 of some radionuclides routinely detectable. The activity concentration of $^{137}$Cs which is still today detectable since it was released by the atmospheric nuclear weapons tests in the 50s and 60s of the last century and by the accident in Chernobyl (Ukraine, 1986), 2010 was in the range from 0.06 µBq/m³ and 2.08 µBq/m³.

More information on the measurement series of PTB you may find on our pages describing the routine operation mode. The most recent results of the Deutscher Wetterdienst (DWD) you can find here. The radiological assessment of the results from all the German trace survey stations is published centrally by the Bundesamt für Strahlenschutz (BfS).

Due to the very small traces of radionuclides released in Fukushima, the trace survey stations stopped the daily measurements and continued the routine measurements e. g. weekly sampling marked by a dot) on Monday, 2011-05-11.

**Because the activity concentration of the radionuclides released in Fukushima were below the limit of detection since May 2011**

The time series of all the trace surve stations were not continued since mid of August 2011.