

Deutscher Wetterdienst



JOINT WMO/IOC TECHNICAL COMMISSION FOR
OCEANOGRAPHY AND MARINE METEOROLOGY (JCOMM)
EXPERT TEAM ON MARINE CLIMATOLOGY

FIRST SESSION

GDYNIA, POLAND, 7 TO 10 JULY 2004

Report by Responsible Members

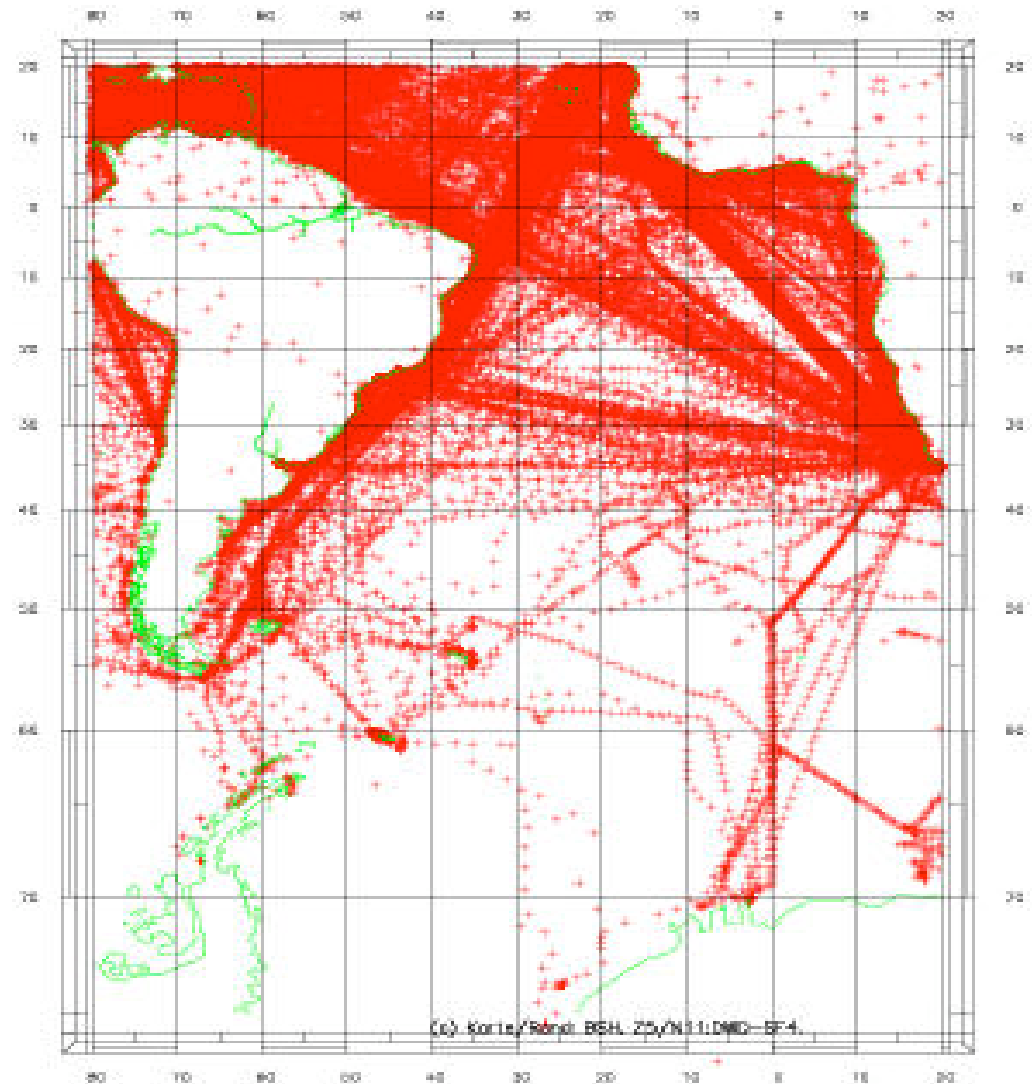
Germany

1. Data Management

- The German Meteorological Service, DWD, hosts one of the two Global Collecting Centres (GCCs) within the Marine Climatological Summaries Scheme and at the same time acts as Responsible Member for the South Atlantic MCSS Area.
- After MQC check and exchange of the globally collected ship observations between the two GCCs the completed data sets are forwarded to the Responsible Members on a quarterly basis.
- New versions of IMMT and MQCS were elaborated because of the extended size of the ship reports generated in the context of the VOSClm Project.

The total number of data sets received from the Area of Responsibility of RM Germany in 2003 amounts to more than 83 000.

There are also older reports contained in that number which were generated in the years before but delivered to the GCCs in 2003.



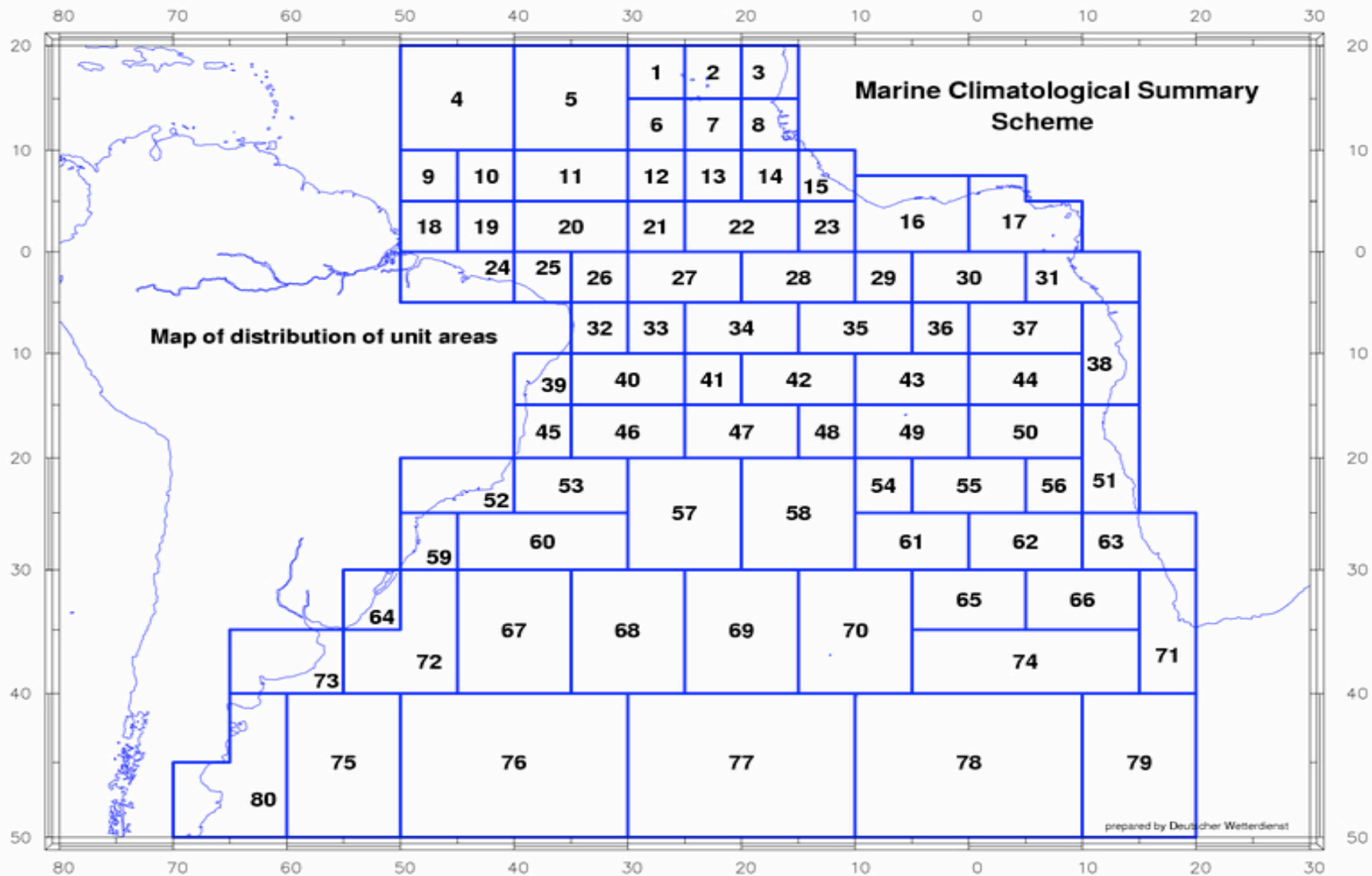
Ship reports received from Ships of the German VOS fleet
in 2003:

346	Selected Ships	-	93.547	Obs.
4	Supplementary Ships	-	413	Obs.
27	Auxiliary Ships	-	14.491	Obs.
14	Ships with AWSt	-	95.665	Obs.

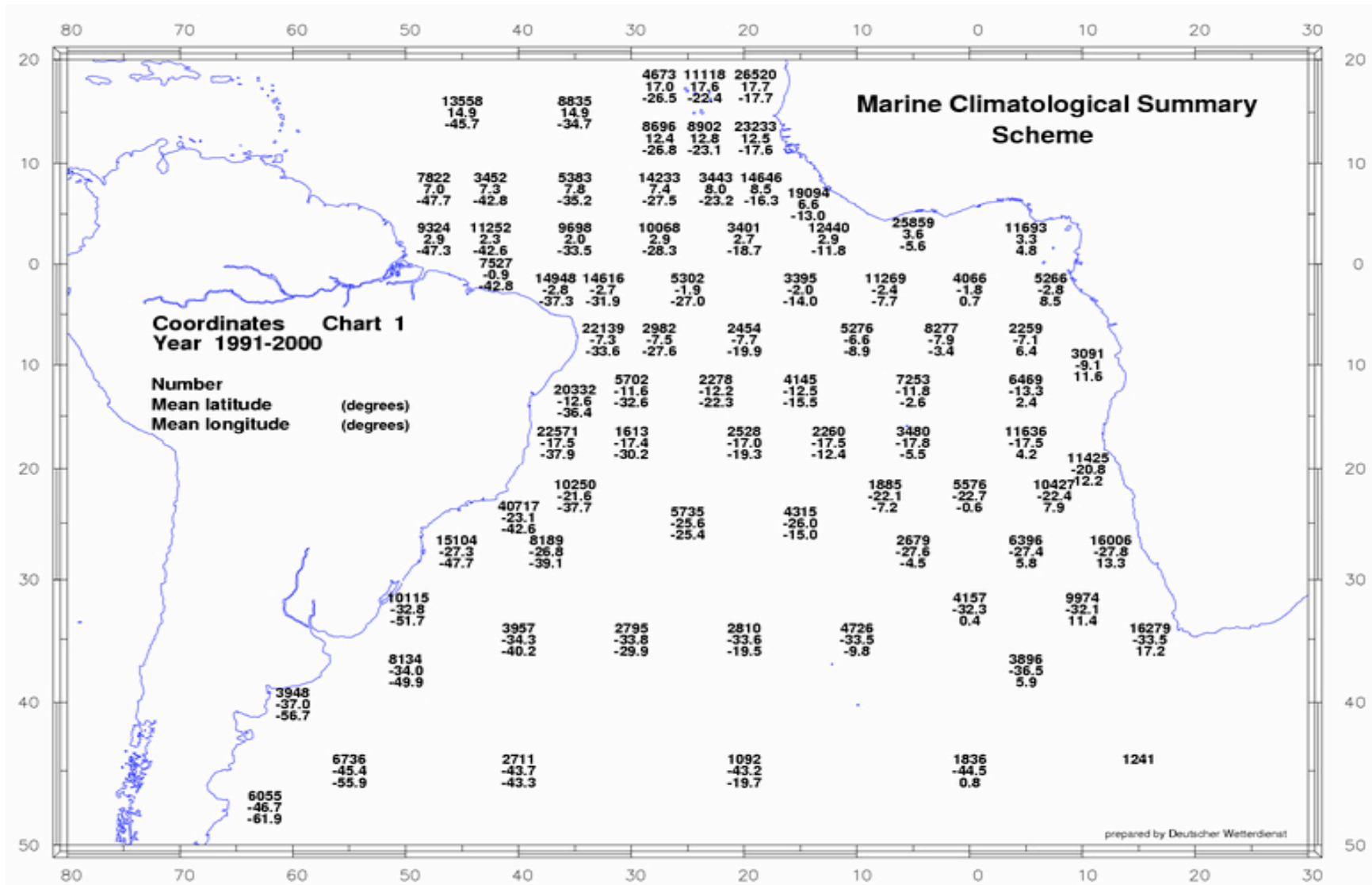
2. Preparation of Summaries

- DWD as Responsible Member for the South Atlantic Area is finalizing the Marine Climatological Summaries for the 10 year period 1991 - 2000.
- As a significant amount of data arrive with a delay of several years the start of the calculations had to take that into account.
- The use of the climatological statistics is far more efficient if they are available on electronic media. DWD is no longer planning to print the 1991-2000 Summaries, but instead to publish them on CD-ROM.

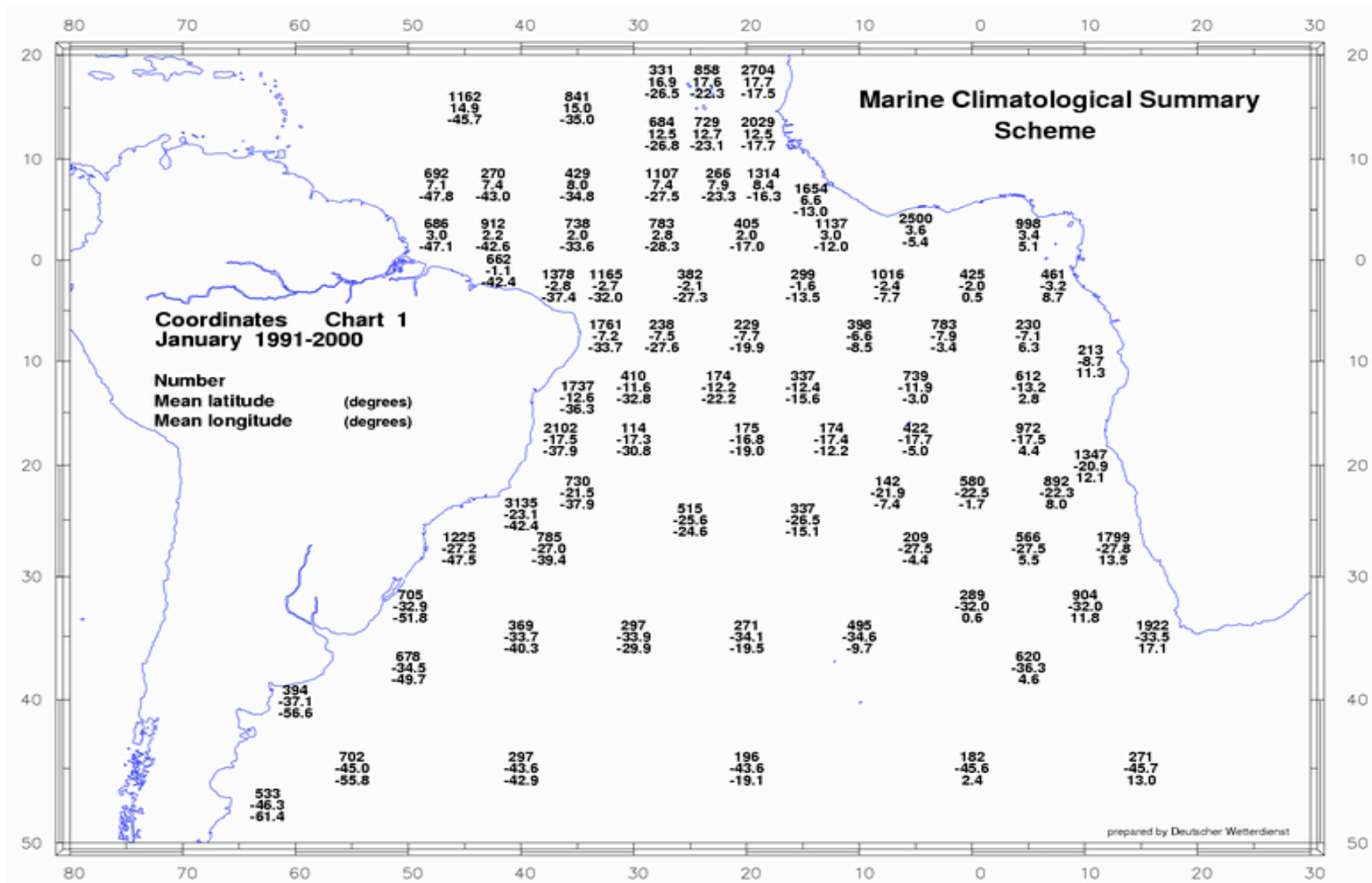
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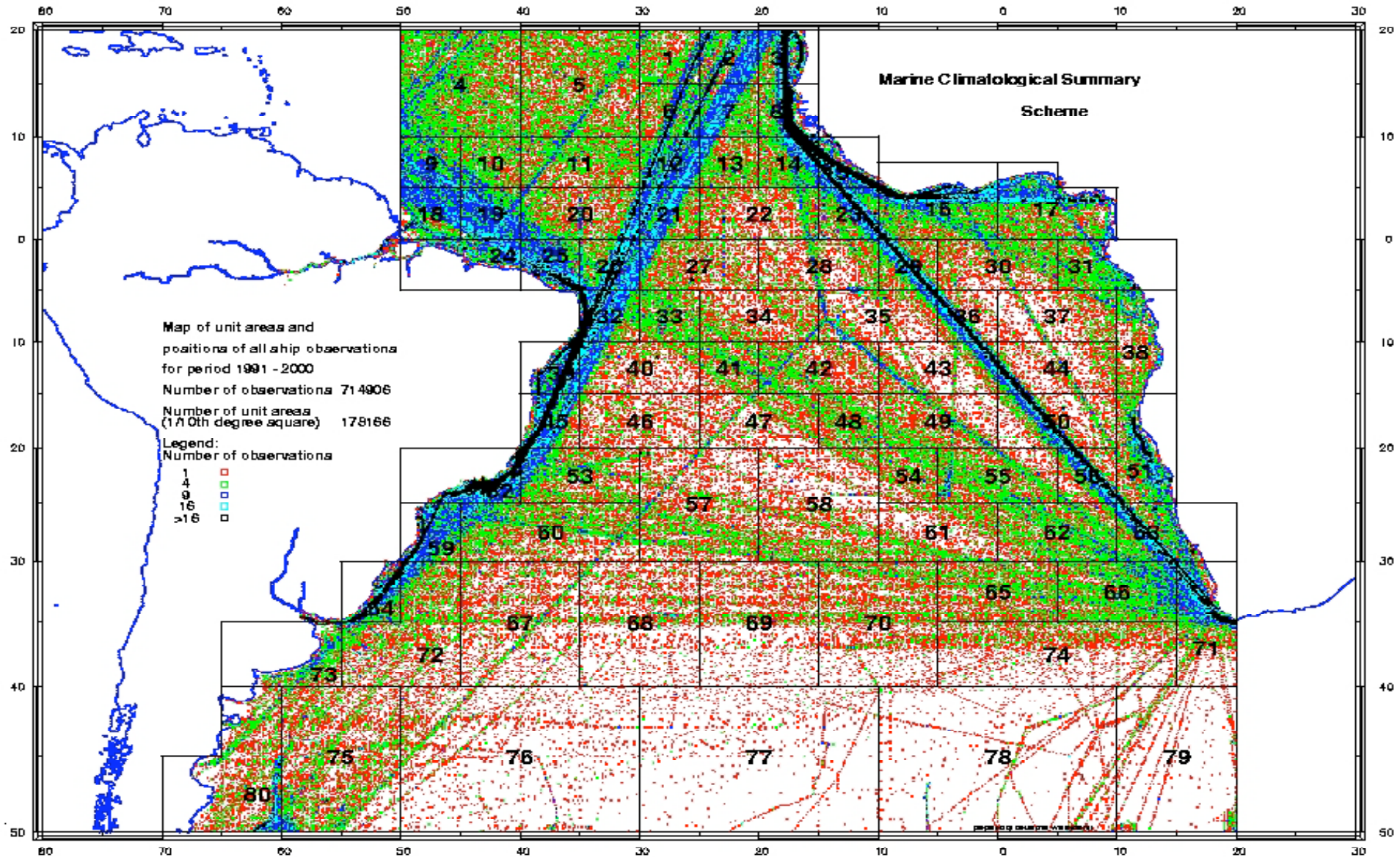


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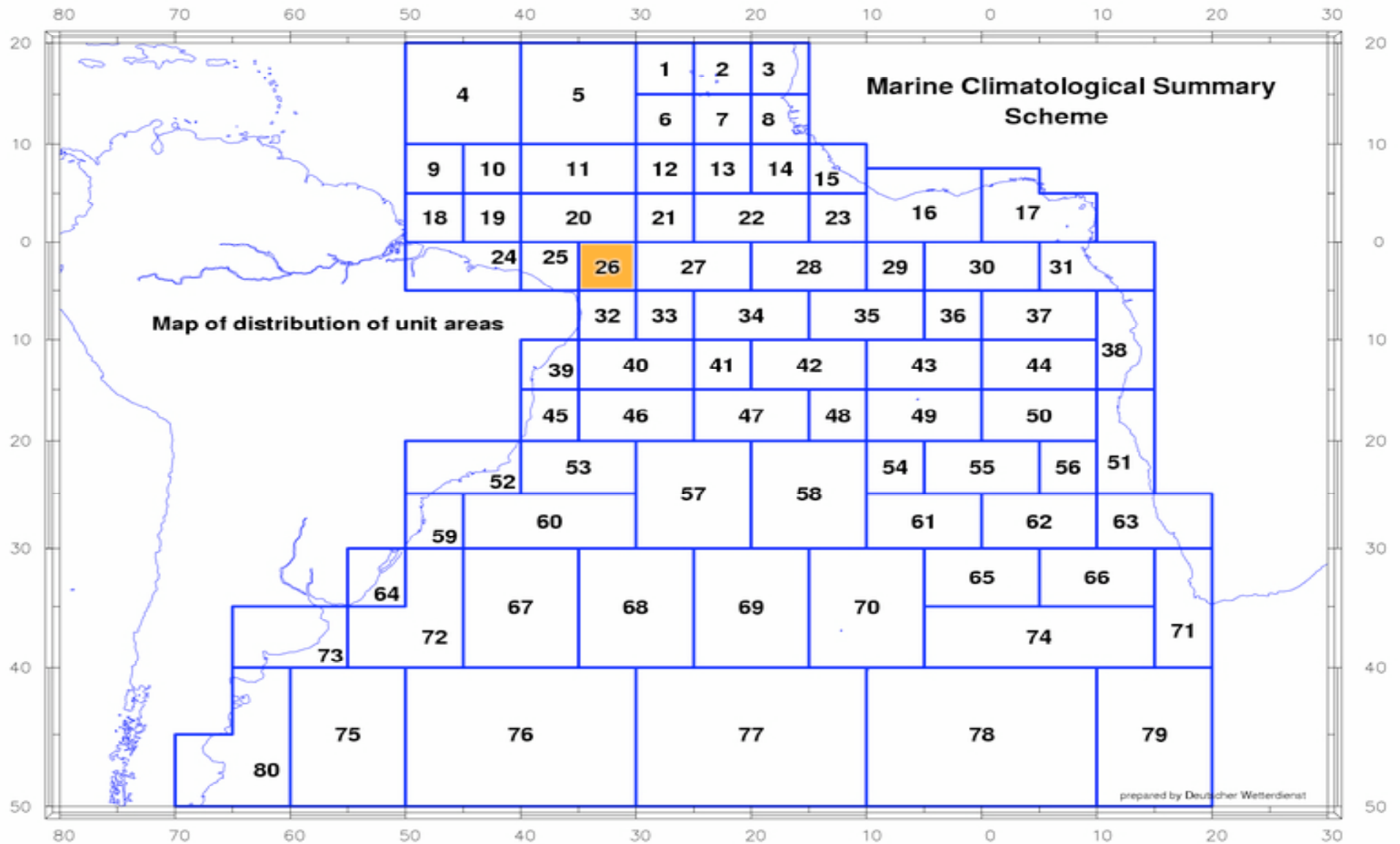


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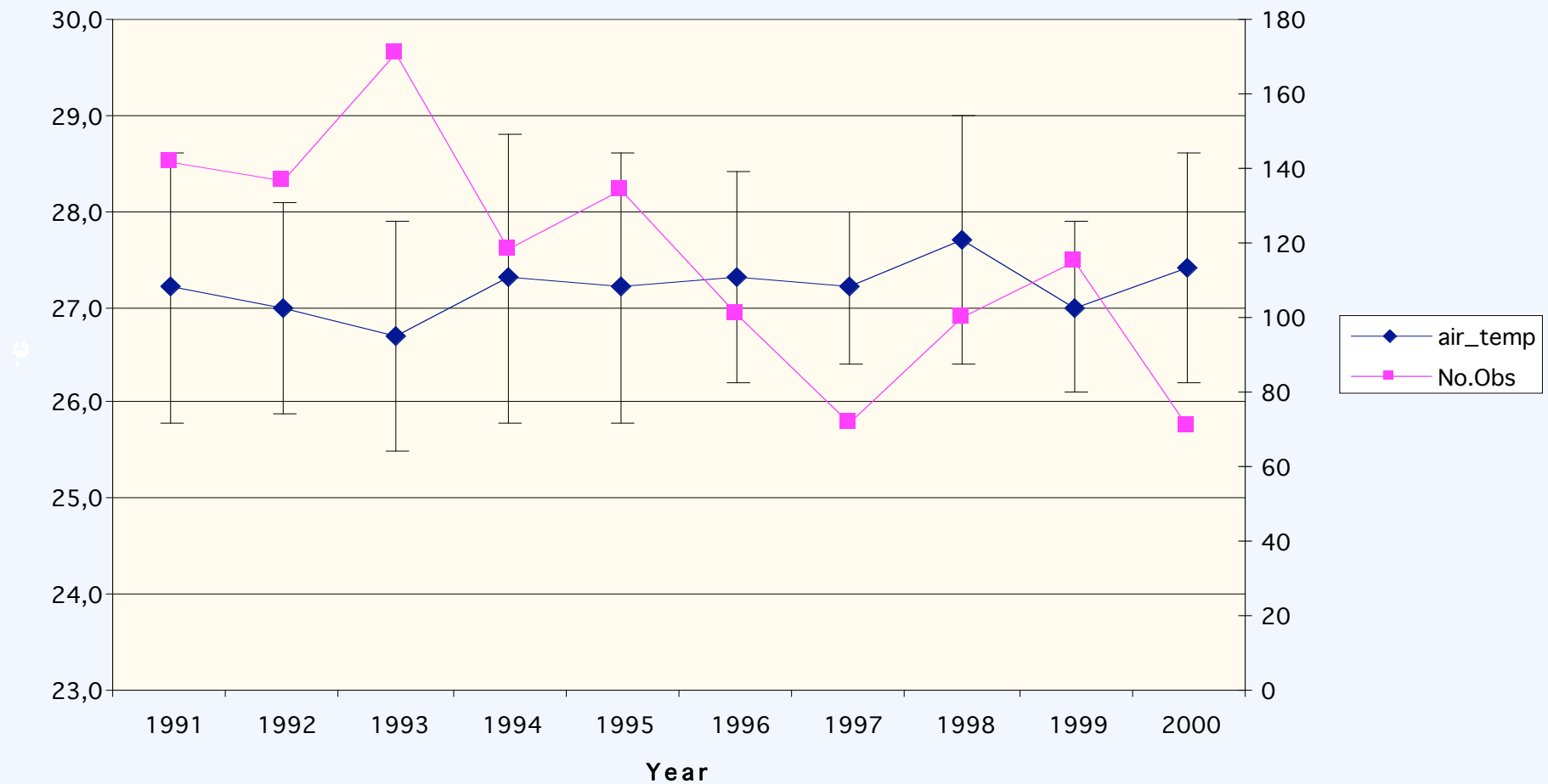




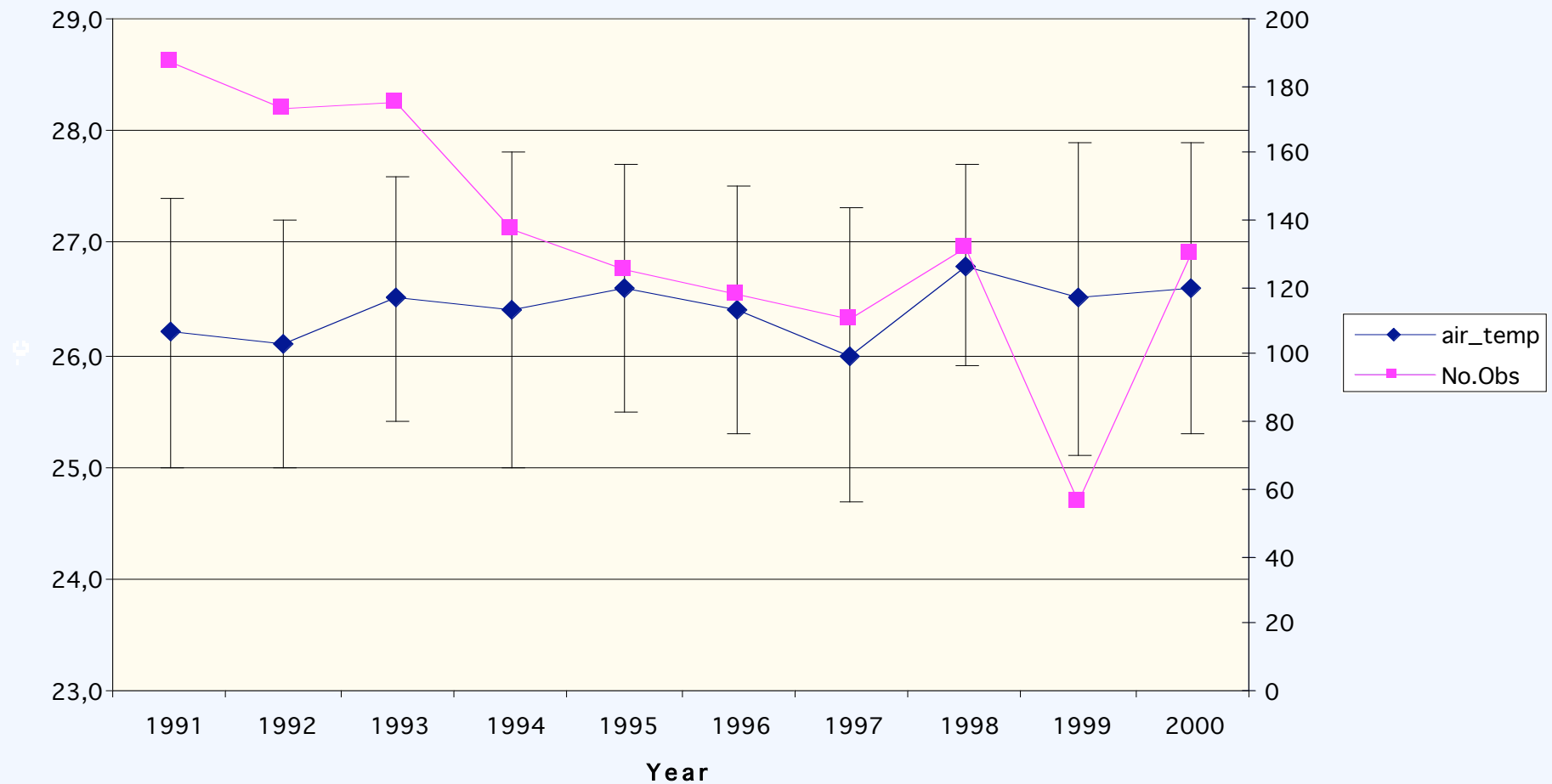
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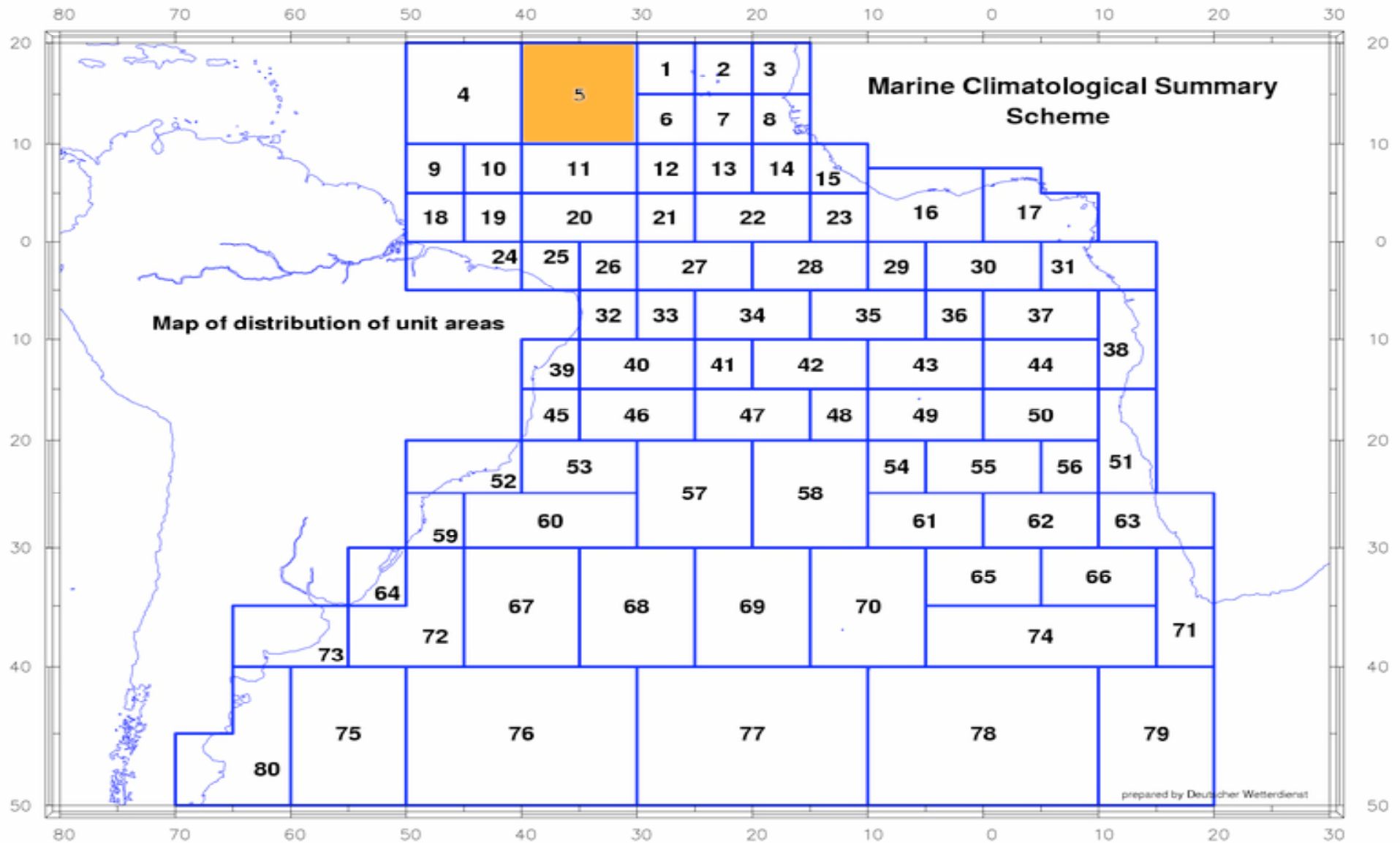
FIELD26 air_temperature January



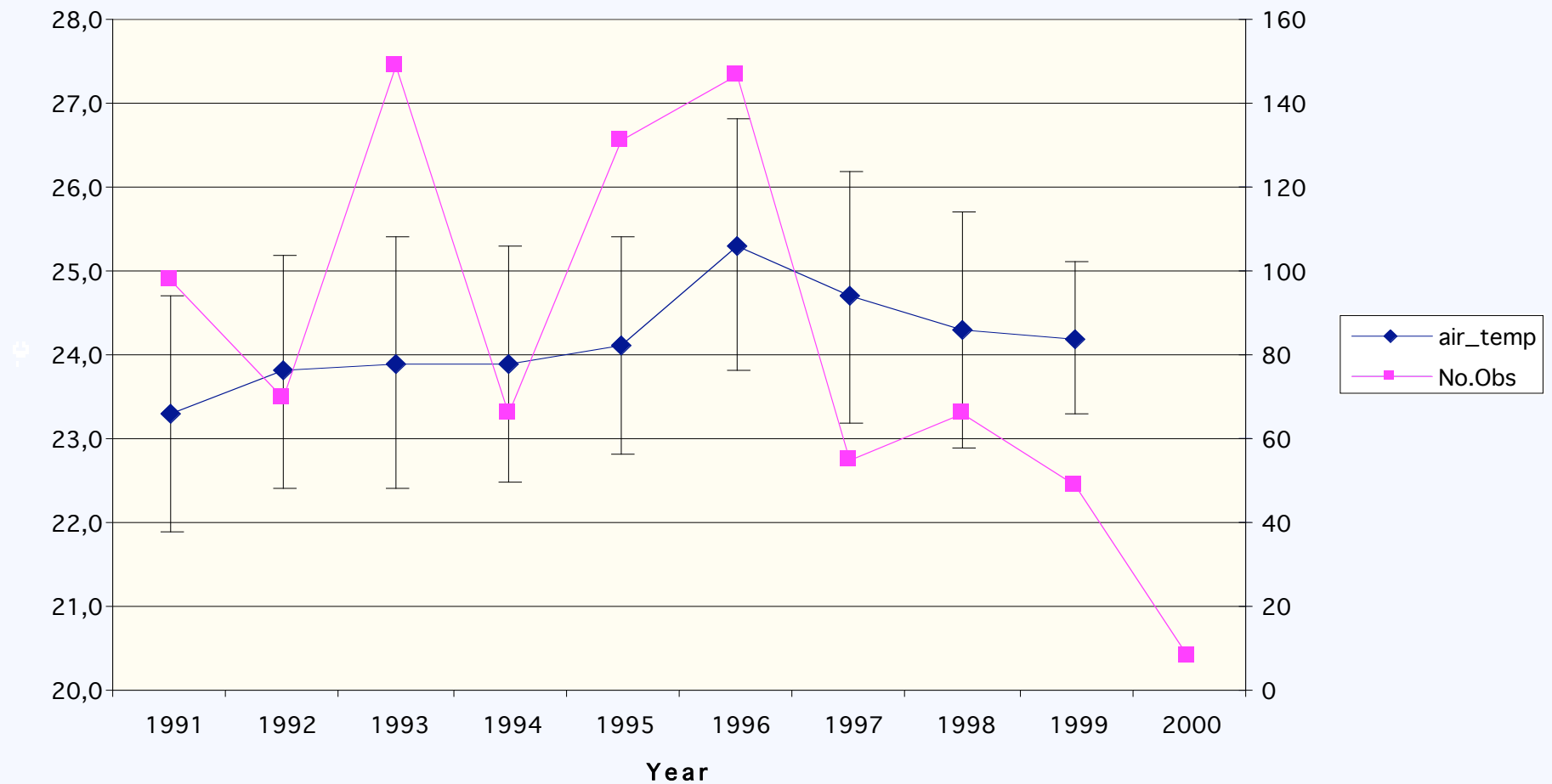
FIELD26 air_temperature July



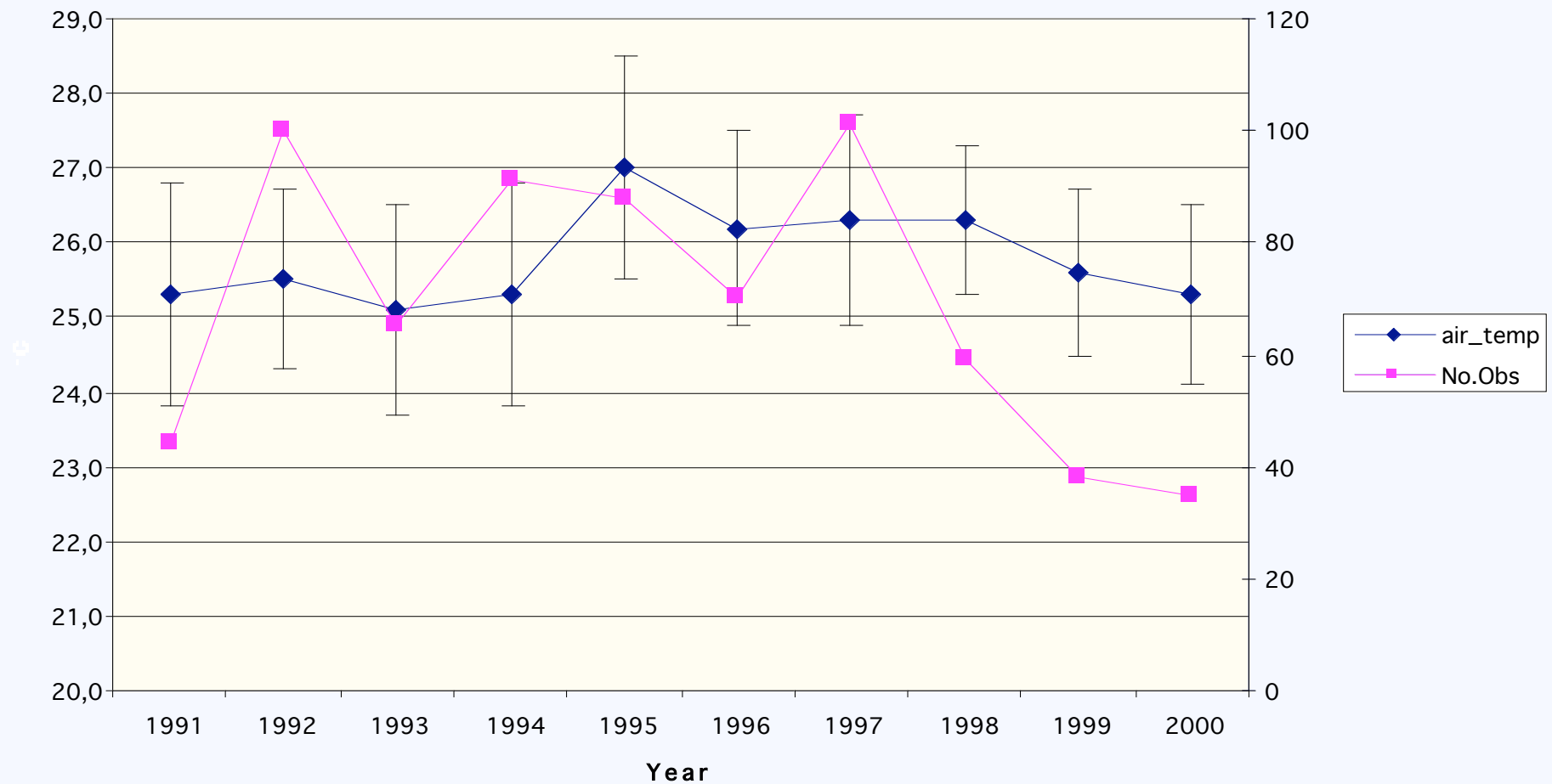
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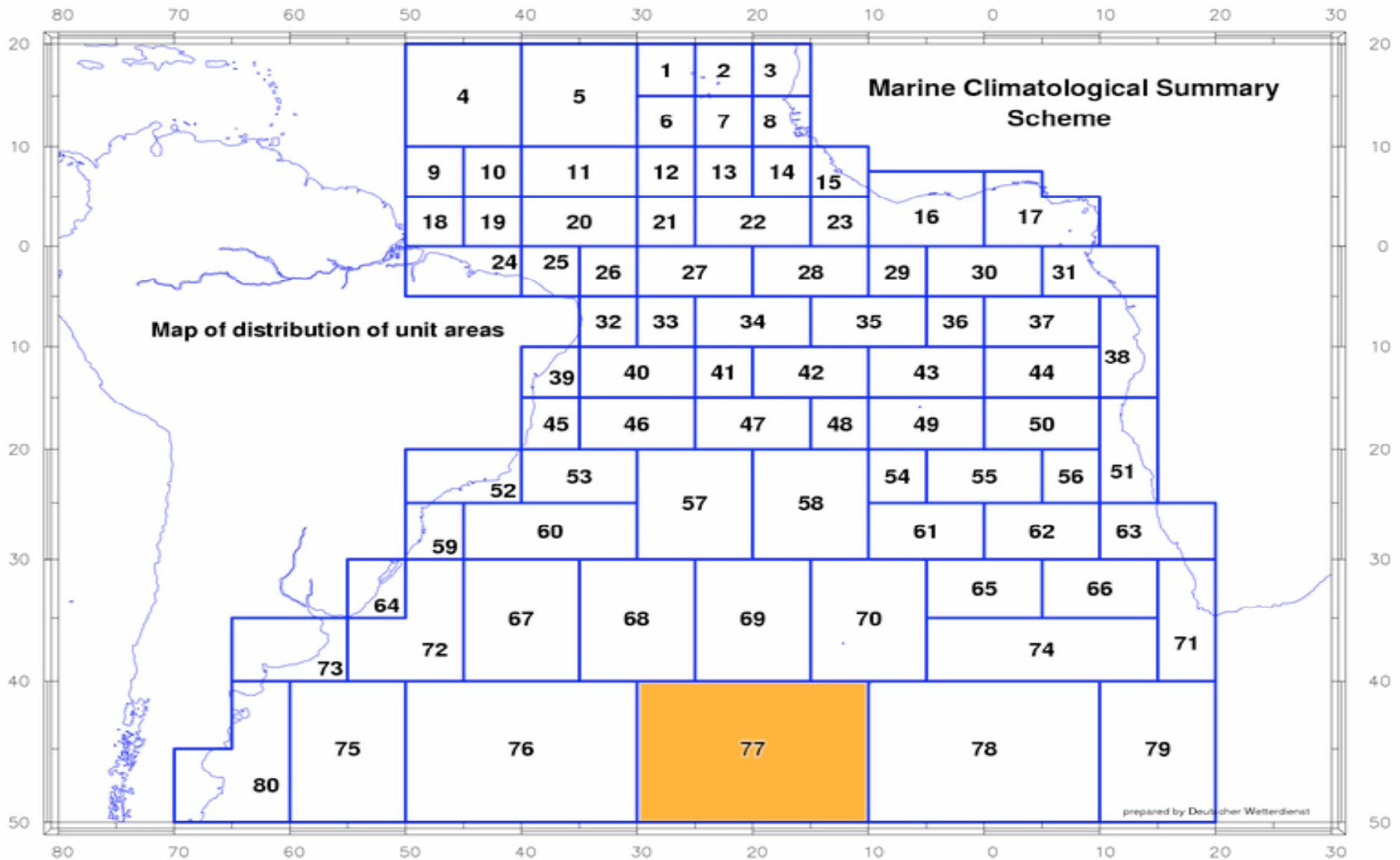
FIELD05 air_temperature January



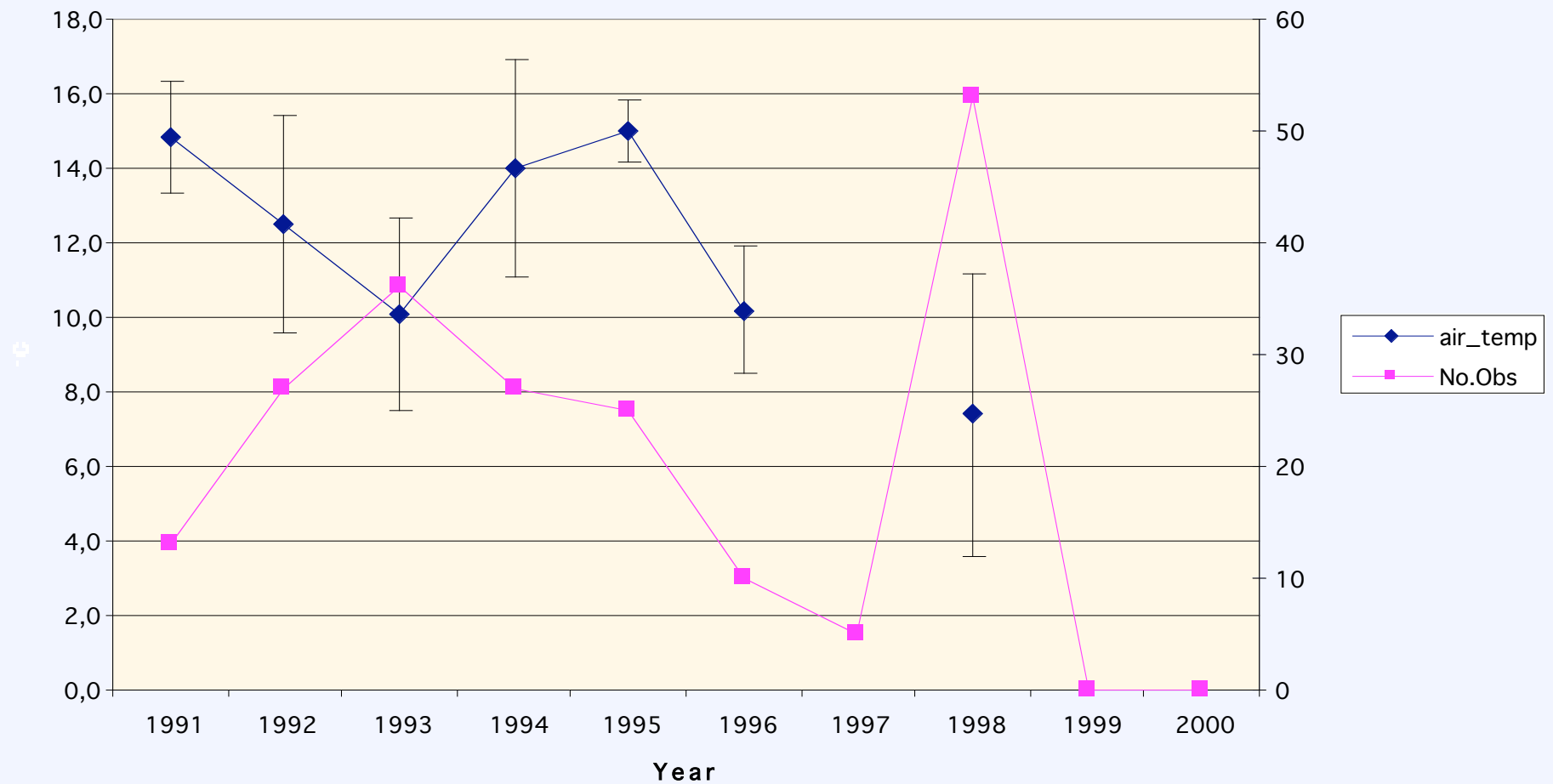
FIELD05 air_temperature July



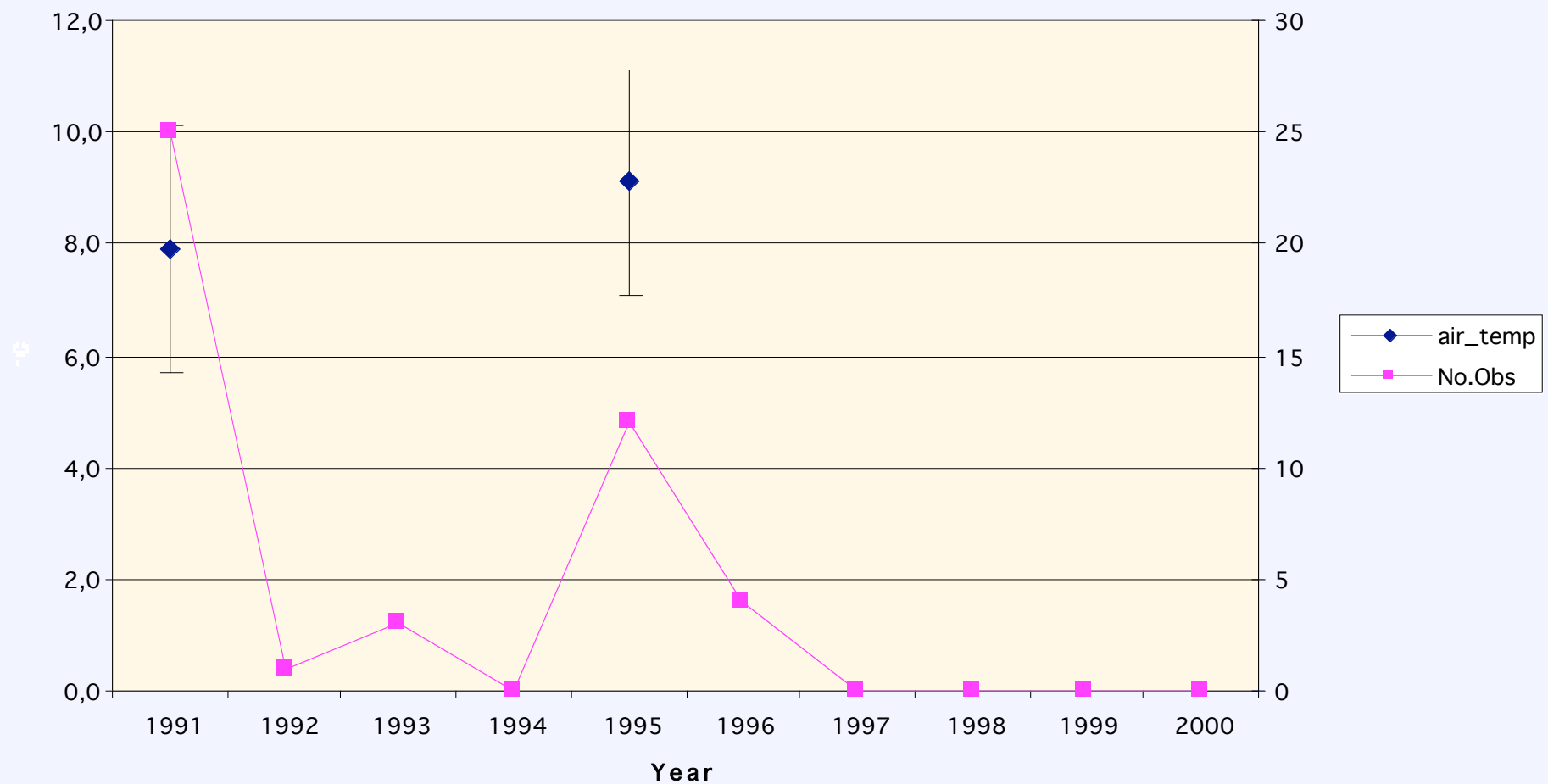
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FIELD77 air_temperature January



FIELD77 air_temperature July



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