



A New Historical Meteorological Database Over the Mediterranean Sea.

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An increasing interest to get more information on past climates encourages the use of new techniques and paleoclimatic sources. The knowledge of gridded variables as large-scale sea level pressure (SLP) in past times is crucial when addressing past climates. In this regard, recent studies show that data over Mediterranean sea can improve the SLP reconstructions in all Eurasia, making necessary to obtain further data over this region.

Ship's logbooks have proved to be one of the most effective sources to reconstruct the past climate and to generate gridded databases. Documents from the Royal Navy from the 17th, 18th and 19th centuries along the Mediterranean Sea are quite abundant and up to now, they have not been fully exploited. These documents have a big potential to improve the climatic information in the Mediterranean in the pre-instrumental period. In this poster a new database from English logbooks over the Mediterranean sea is presented, comprising information scanned, transcribed, and analyzed from a total of 313 logbooks of The National Archives at Kew, UK. As well, some examples of the kind of information available, excerpts from the resulting database, and some preliminary results with the first analysis of this database are shown.