




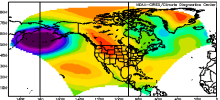
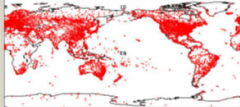
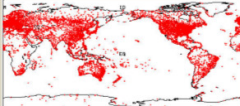



Short description	Spatial Coverage	Spatial resolution	Temporal resolution	Temporal Coverage	EMD update frequency	Update lag	Description
NCAR Basic		2.5 deg	6 hours	1948-present	Monthly	Some days	The NCEP/NCAR reanalysis model is a global data assimilation model, taking a wide range measured climated data sources into account.
MERRA		~0.5 deg	1 hour	1979-present	Monthly	Month	MERRA: MODERN ERA RETROSPECTIVE-ANALYSIS FOR RESEARCH AND APPLICATIONS. These data originates from the Global Modeling and Assimilation Office of NASA / Goddard Space Flight Center.
CFSR		~0.5 deg	1 hour	1979-present	Monthly	Week	The CFSR is a third generation reanalysis product. It is a global, high resolution, coupled atmosphere-ocean-land surface-sea ice system designed to provide the best estimate of the state of these coupled domains over this period.
Blended Coastal Winds		0.25 deg	6 hours	1987-present	Monthly	Varies	BLENDED COASTAL WINDS. These data is a coastal region subset of the Blended Sea Winds dataset. The Blended Sea Winds dataset originates from the NOAA / NESDIS / National Climatic Data Center, USA.
QSCAT	 Ocean. S78 to N79.	0.25 deg	12 hours	1999-2009 (discontinued)	N/A	N/A	The QuikScat wind data are derived from a remote sensing microwave scatterometer that is mounted on the QuikBird satellite. Data are available at www.remss.com . Additional information is available at: http://www.ssmi.com/qscat/qscat_description.html
NARR Basic		~30 km	3 hours	1979-present	Monthly	Week	These data consists of a long-term, consistent, high-resolution climate dataset for the North American domain, as a major improvement upon the earlier global reanalysis datasets in both resolution and accuracy. The spatial resolution is 32 km while the temporal resolution is 3 hours. For further information, consult the paper by Fedor Mesinger et. al, submitted to BAMS 2004. The raw data may be obtained from this URL: http://nomads.ncdc.noaa.gov/ This dataset is typically used in relationship with measure-correlate-predict tasks using the wind index method.
METAR		Varies	Varies	Varies (typically 2003-present)	Monthly	Some days	This NCEP ADP METAR (Aviation Routine Weather Report) dataset is based on measurements from various airports and permanent weather observation stations around the globe.
SYNOP		Varies	Varies	Varies (typically 1999-present)	Monthly	Some days	This NCEP ADP SYNOP (surface synoptic observation) dataset is based on measurements from manned and automated weather stations around the globe.
EMD-ConWx Meso Data, EUROPE		~3 km	1 hour	1998-2013	Monthly	Some months	High resolution Meso scale data modelled in collaboration between EMD (http://www.emd.dk) and ConWx (http://www.conwx.com). The meso scale model is run in-house at a spatial resolution of 0.03°x0.03° or approximately 3x3 km with hourly temporal resolution. ERA Interim data from ECMWF (http://www.ecmwf.int) has been used as the global boundary data set. The data set covers Europe including larger parts of Turkey and Ukraine, but excluding the northern extreme of Scandinavia. Access to download EMD-ConWx Meso Data requires subscription. The annual subscription fee is Euro 1,500. Contact EMD at sales@emd.dk for a subscription.