

Selected stations from Croatia for the climate data bases for the Mediterranean Basin

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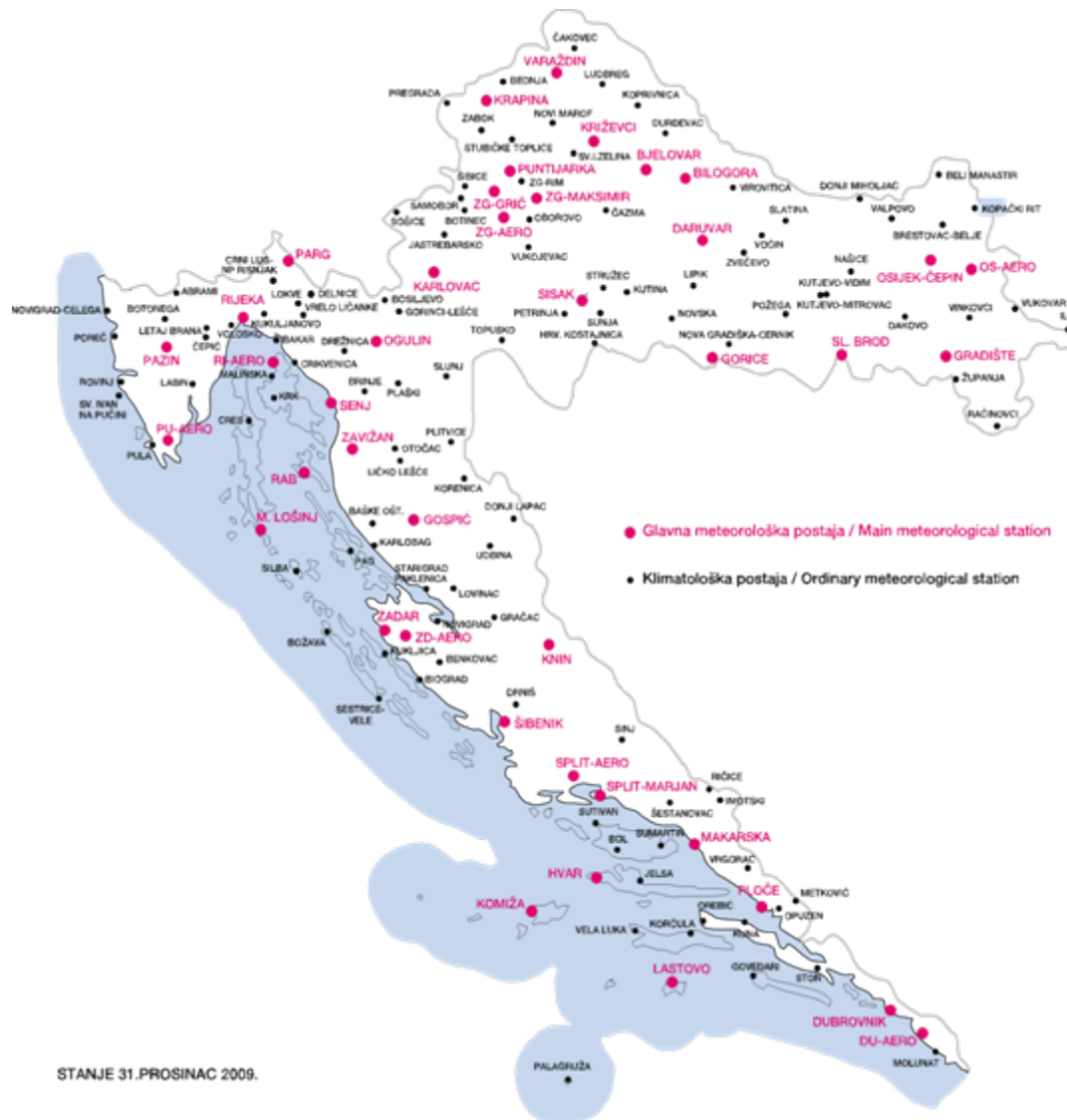
Meteorological and Hydrological Service
Croatia



Three different climatic areas



Spatial distribution of main and climatological stations



Selection of stations

- Stations are selected according requested criteria (temporal and spatial coverage, long term continuity...)
- All digitized data are quality controlled, but not homogenized;
- 12 stations are selected from the Adriatic coast and islands;

Selected stations from Croatia



Station Rovinj



	Station:Rovinj					
	Digitised record lenght		Missing data			
				Non digittised record		
Max temp	1949-01-01	2009-12-31	1986-10-01	1988-05-31		
Min temp	1949-01-01	2009-12-31	1986-10-01	1988-05-31		
Mean temp	1949-01-01	2009-12-31	1986-10-01	1988-05-31		
Precipitation	1949-01-01	2009-12-31	1986-10-01	1988-05-31		
Humidity	1951-11-01	2009-12-31	1986-10-01	1988-05-31	1949-01-01	1951-10-31
Air pressure	1952-04-01	1967-02-28				
Wind speed	1949-01-01	2009-12-31	1986-10-01	1988-05-31		
Wind direct	1949-01-01	2009-12-31	1986-10-01	1988-05-31		
Cloud cover	1949-01-01	2009-12-31	1986-10-01	1988-05-31		
Sunshine dur.	1953-01-01	2009-12-31	1989-10-01	1992-11-30		

	Station:Pula			
	Digitised record lenght	Missing data	Non digittised record	
Max temp	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Min temp	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Mean temp	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Precipitation	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Humidity	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Air pressure	1963-01-01	1968-04-30	1947-10-01	1962-12-31
Wind speed	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Wind direct	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Cloud cover	1963-01-01	2009-12-31	1947-10-01	1962-12-31
Sunshine dur.	1963-01-01	2009-12-31	1984-05-01	1984-06-30

Rijeka



	Station:Rijeka			
	Digitised record lenght	Missing data	Non digittised record	
Max temp	1948-02-01	2009-12-31		1946-01-01 1947-12-31
Min temp	1948-01-01	2009-12-31		1946-01-01 1947-12-31
Mean temp	1948-01-01	2009-12-31		1946-01-01 1947-12-31
Precipitation	1948-01-01	2009-12-31		1946-01-01 1947-12-31
Humidity	1948-01-01	2009-12-31		1946-01-01 1947-12-31
Air pressure	1949-05-01	2009-12-31		1946-01-01 1949-04-30
Wind speed	1948-01-01	2009-12-31		1946-01-01 1947-12-31
Wind direct	1948-01-01	2009-12-31		1946-01-01 1947-12-31
Cloud cover	1948-01-01	2009-12-31		1946-01-01 1947-12-31
Sunshine dur.	1955-01-01	2009-12-31	1992-06-01	1992-12-31

	Station:Crikvenica			
	Digitised record lenght		Missing data	Non digittised record
Max temp	1895-04-01	2009-12-31	2008-04-01	2008-06-30
Min temp	1895-04-01	2009-12-31	2008-04-01	2008-06-30
Mean temp	1891-04-01	2009-12-31	2008-04-01	2008-06-30
Precipitation	1891-07-01	2009-12-31	2008-04-01	2008-06-30
Humidity	1891-07-01	2009-12-31	2008-04-01	2008-06-30
Air pressure	1891-10-01	1970-02-29	1934-12-01	1937-06-30
Wind speed	1891-07-01	2009-12-31	2008-04-01	2008-06-30
Wind direct	1891-07-01	2009-12-31	2008-04-01	2008-06-30
Cloud cover	1891-08-01	2009-12-31	2008-04-01	2008-06-30

Senj



	Station:Senj			
	Digitised record lenght		Missing data	Non digittised record
Max temp	1948-10-01	2009-12-31		1869-10-01 1947-12-31
Min temp	1948-10-01	2009-12-31	1949-07-01 1949-08-31	1869-10-01 1947-12-31
Mean temp	1948-10-01	2009-12-31		1869-10-01 1947-12-31
Precipitation	1948-10-01	2009-12-31		1869-10-01 1947-12-31
Humidity	1948-10-01	2009-12-31		1869-10-01 1947-12-31
Air pressure	1957-08-01	2009-12-31		1869-10-01 1957-07-31
Wind speed	1948-10-01	2009-12-31		1869-10-01 1947-12-31
Wind direct	1948-10-01	2009-12-31		1869-10-01 1947-12-31
Cloud cover	1948-10-01	2009-12-31		1869-10-01 1947-12-31
Sunshine dur.	1958-11-01	2009-12-31		

Mali Lošinj - island



	Station:Mali Lošinj - island			
	Digitised record lenght		Missing data	Non digitised record
Max temp	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Min temp	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Mean temp	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Precipitation	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Humidity	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Air pressure	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Wind speed	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Wind direct	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Cloud cover	1961-01-01	2008-12-31		1946-01-01 1960-12-31
Sunshine dur.	1961-01-01	2009-12-31	1980-03-01 1980-03-31	

Zadar



	Station: Zadar			
	Digitised record lenght	Missing data	Non digittised record	
Max temp	1961-01-01 2009-12-31		1946-02-01 1960-12-31	
Min temp	1961-01-01 2009-12-31		1946-02-01 1960-12-31	
Mean temp	1961-01-01 2009-12-31		1946-02-01 1960-12-31	
Precipitation	1961-01-01 2009-12-31		1946-02-01 1960-12-31	
Humidity	1961-01-01 2009-12-31		1946-02-01 1960-12-31	
Air pressure	1961-01-01 2009-12-31		1946-02-01 1960-12-31	
Wind speed	1961-01-01 2009-12-31	1991-10-01 1992-05-31	1946-02-01 1960-12-31	
Wind direct	1961-01-01 2009-12-31	1991-10-01 1992-05-31	1946-02-01 1960-12-31	
Cloud cover	1961-01-01 2009-12-31		1946-02-01 1960-12-31	
Sunshine dur.	1965-06-01 2009-12-31	1994-10-01 1995-07-31		

Šibenik



	Station: Šibenik		
	Digitised record length	Missing data	Non digitised record
Max temp	1949-01-01 2009-12-31		
Min temp	1949-01-01 2009-12-31		
Mean temp	1949-01-01 2009-12-31		
Precipitation	1949-01-01 2009-12-31		
Humidity	1949-01-01 2009-12-31		
Air pressure	1961-01-01 2009-12-31		
Wind speed	1949-01-01 2009-12-31		
Wind direct	1949-01-01 2009-12-31		
Cloud cover	1949-01-01 2009-12-31		
Sunshine dur.	1960-08-01 2009-12-31		

Split Marjan



	Station: Split Marjan		
	Digitised record length	Missing data	Non digitised record
Max temp	1948-01-01 2009-12-31		
Min temp	1948-01-01 2009-12-31		
Mean temp	1948-01-01 2009-12-31		
Precipitation	1948-01-01 2009-12-31		
Humidity	1948-01-01 2009-12-31		
Air pressure	1948-01-01 2009-12-31		
Wind speed	1948-01-01 2009-12-31		
Wind direct	1948-01-01 2009-12-31		
Cloud cover	1948-01-01 2009-12-31		
Sunshine dur.	1948-01-01 2009-12-31		

Hvar - island



	Station: Hvar - island				
	Digitised record length		Missing data		Non digitised record
Max temp	1876-04-01	2008-12-31	1918-07-01	1928-10-31	
Min temp	1876-04-01	2008-12-31	1918-07-01	1928-10-31	
Mean temp	1858-03-01	2008-12-31	1918-07-01	1928-10-31	
Precipitation	1858-03-01	2008-12-31	1918-10-01	1926-03-31	
Humidity	1858-03-01	2008-12-31	1918-10-01	1928-12-31	
Air pressure	1858-03-01	2008-12-31	1918-10-01	1931-03-31	
Wind speed	1858-03-01	2008-12-31	1918-10-01	1930-12-31	
Wind direct	1858-03-01	2008-12-31	1918-10-01	1930-13-31	
Cloud cover	1858-03-01	2008-12-31	1918-10-01	1926-04-30	
Sunshine dur.	1941-11-01	2009-12-31	1943-01-01	1951-12-31	

Dubrovnik



	Station: Dubrovnik			
	Digitised record length	Missing data	Non digitised record	
Max temp	1961-01-01 2009-12-31	1978-03-01 1979-05-31	1940-01-01	1960-12-31
Min temp	1961-01-01 2009-12-31	1978-03-01 1979-05-31	1940-01-01	1960-12-31
Mean temp	1961-01-01 2009-12-31	1978-11-01 1978-12-31	1940-01-01	1960-12-31
Precipitation	1961-01-01 2009-12-31		1940-01-01	1960-12-31
Humidity	1961-01-01 2009-12-31		1940-01-01	1960-12-31
Air pressure	1961-01-01 2009-12-31	1965-06-01 1979-05-31	1940-01-01	1960-12-31
Wind speed	1961-01-01 2009-12-31		1940-01-01	1960-12-31
Wind direct	1961-01-01 2009-12-31		1940-01-01	1960-12-31
Cloud cover	1961-01-01 2009-12-31		1940-01-01	1960-12-31
Sunshine dur.	1961-01-01 2009-12-31	1972-04-01 1979-08-31		

Palagruža - island



	Station: Palagruža - island			
	Digitised record lenght	Missing data	Non digittised record	
Max temp	1949-02-01 2009-12-31	1993-03-01 1996-07-31		
Min temp	1949-07-01 2009-12-31	1993-03-01 1996-10-31		
Mean temp	1949-01-01 2009-12-31	1993-01-01 1997-01-31		
Precipitation	1949-01-01 2009-12-31	1992-05-01 1996-10-31		
Humidity	1949-01-01 2009-12-31	1992-02-01 1997-01-31		
Air pressure	1949-01-01 2009-12-31	1993-01-01 1996-12-31		
Wind speed	1949-01-01 2009-12-31	1993-02-01 1997-01-31		
Wind direct	1949-01-01 2009-12-31	1993-02-01 1997-01-31		
Cloud cover	1949-01-01 2009-12-31	1993-01-01 1997-01-31		
Sunshine dur.	1957-05-01 2009-12-31	1962-02-01 1964-08-31		

Digitization and data rescue

- Data from main, automatic and radiosonde stations are received in digital form in real-time;
- Climatological and precipitations stations data are operationally digitized from paper observation forms on a monthly basis;
- Historical data (climatological data before 1981, and precipitation data before 1991) are digitized as much as we can or on request ;
- Realisation depends on money, and now is crises again.

Thank you very much for your
attention!



Headquarters of Meteorological and Hydrological Service in
Zagreb

<http://meteo.hr>