

ESEAS Data Archaeology

Deliverable D1.6 of the ESEAS-RI Project

The following catalog of paper-based data sets is based on a inquiry carried out by Lesley J. Rickards, POL. It reflects the status per 1 November 2003.

Country	Site Name	Latitude	Longitude	Start Date	End Date
Belgium	Oostende	51° 14' 0"N	2° 55' 30"E	1820	Present
Croatia	Split Harbour	43° 30.4' N	16° 26.5' E	1954	Present
	Mali Ston	42° 50.5' N	17° 42.5' E	1954	1959
	Ston	42° 50.0' N	17° 42.0' E	1954	1954
	Dubrovnik	42° 39.5' N	18° 03.8' E	1954	Present
	Rovinj	45° 05.0' N	13° 37.7' E	1955	Present
	Vis	43° 04.0' N	16° 12.3' E	1957	1991
	Usce Neretve	43° 01.2' N	17° 27.1' E	1957	1957
	Broce	42° 49.3' N	17° 43.2' E	1957	1959
	Gazenica	44° 05.4' N	15° 16.3' E	1983	1988
	Zlarin	43° 41.8' N	15° 50.4' E	1983	1988
Greece	Alexandroupoli	40° 50' 42.5"	25° 52' 43.8"	1981	Present
	Kavala	40° 56' 08.2"	24° 24' 45.6"	1969	Present
	Thessaloniki	40° 38' 0.7"	22° 56' 08.1"	1967	Present
	Skopelos	39° 07' 28.8"	23° 43' 48.2"	1999	Present
	North Chalkida	38° 28' 24.1"	23° 35' 35.5"	1977	Present
	South Chalkida	38° 27' 43"	23° 35' 24.1"	1977	Present
	Chios	38° 22' 21.4"	26° 08' 30"	1978	Present
	Salamina	37° 58' 46.4"	23° 32' 03.1"	1967	2000
	Posidonia	37° 57' 08"	23° 57' 38.6"	1975	Present
	Peireaus	37° 56' 08.4"	23° 37' 27.3"	1967	Present
	Siros	37° 26' 28"	24° 56' 46.6"	1979	Present
	Leros	37° 07' 50.8"	26° 50' 54.7"	1981	Present
	Rhodes	36° 26' 45.9"	28° 13' 44.3"	1981	Present
	Souda (Crete)	35° 29' 19.1"	24° 04' 59.1"	1973	Present
	Iraklion (Crete)	35° 20' 37.1"	25° 08' 09"	1970	Present
	Preveza	38° 57' 38.3"	20° 45' 20.4"	1975	Present
	Lefkada	38° 50' 08"	20° 42' 32"	1979	Present
	Patras	38° 14' 55.5"	21° 43' 43.3"	1975	Present
	Katakolo	37° 38' 42.7"	21° 19' 15.4"	1981	Present
	Kalamata	37° 01' 29.2"	22° 06' 59.3"	1967	Present
Italy	Trieste	45°38'50.0"N	13°45'33.9"E		
Lithuania	Klaipeda	55 43 N	21 07 E	1898	Present
The Netherlands	Hoek van Holland	51 59 N	04 07 E	1863	Present
	Oudeschild	53 02 N	04 51 E	1878	Present
Poland	Wladyslawowo	54° 47' 48"N	18° 25' 07"E	1956	Present
Portugal	Cascais	38° 41' 36"N	09° 25' 06"W	1882	Present
	Lagos	37° 05' 56"N	08° 40' 06"W	1908	Present

Slovenia	Koper	45 34 N	13 45 E	1958	Present
Spain	Alicante	38 20 N	00 29 W	1874	2001
	Santander	43 28 N	03 48 W	1876	2001
Turkey	Karsiyaka/Izmir	38°24'N	27°10'E	1936	1977
	Samsun	41°17'N	36°20'E	1961	1983
	Antalya - I	36°53'N	30°42'E	1935	1977
	Keregli	41°17'N	31°25'E	1948	1976
	Iskenderun	36°37'N	36°07'E	1952	1965
	Trabzon	41°00'N	39°43'E	1956	1976
	Bodrum - I	37°02'N	27°25'E	1967	1979

[Belgium](#)

Site Name	All Data Available	Data in digital format
Oostende	Tide registrations are documented from 1820. The oldest still available charts (copies) date from 1886. Tide registrations are considered reliable to modern standards (leveling, interruptions) after 1925.	after 1980 : hourly data, high and low waters

[Croatia](#)

Site Name	All Data Available	Data in digital format
Split Harbour	03.1954 - Present	After 1983 (The charts were digitised within ESEAS-RI)
Mali Ston	02.1954 – 12.1954, 01.1957 – 10.1959	None
Ston	02.1954 – 12.1954	None
Dubrovnik	04.1954 – 12.1954, 06.1955 - Present	After 1986
Rovinj	06.1955 - Present	After 1986 (More are being digitised within ESEAS-RI)
Vis	01.1957 – 12.1957, 01.1983 – 06.1991	After 1986
Usce Neretve	01.1957 – 12.1957	None
Broce	01.1957 – 10.1959	None
Gazenica	01.1983 – 12.1988	After 1986
Zlarin	01.1983 – 05.1988	After 1986

Greece

Site Name	All Data Available	Data in digital format
Alexandroupoli	1981 - Present	1990 - Present
Kavala	1969 - Present	1969 - Present
Thessaloniki	1967 - Present	1990 - Present
Skopelos	1999 - Present	1999 - Present
North Chalkida	1977 - Present	1990 - Present
South Chalkida	1977 - Present	1990 - Present
Chios	1978 - Present	1990 - Present
Salamina	1967 - 2000	1990 - 2000
Posidonia	1975 - Present	1990 - 2000
Peireaus	1967 - Present	1990 - 2000
Siros	1979 - Present	1990 - 2000
Leros	1981 - Present	1990 - 2000
Rhodes	1981 - Present	1990 - 2000
Souda (Crete)	1973 - Present	1990 - 2000
Iraklion (Crete)	1970 - Present	1970 - Present
Preveza	1975 - Present	1990 - Present
Lefkada	1979 - Present	1990 - Present
Patras	1975 - Present	1990 - Present
Katakolo	1981 - Present	1990 - Present
Kalamata	1967 - Present	1990 - Present

Italy

Site Name	All Data Available	Data in digital format
Trieste	1859: first measurements; 1862-89: irregular measurements; 1890-1900: annual means only; 1901-1904: monthly means; 1905-14: hourly data on original tables (except 1912, monthly means only), no charts; 1915-16: interruption; 1917-Dec. 1924 and Jun. 1926-Jan 12, 2001: charts only; Jan 13, 2001-present: charts and digital record.	1905-11, 1913-14 (no charts) and 1939-Jan 12, 2001 (charts exist): hourly data from hand-written tables; Jan 13, 2001-present: hourly data from digital record.

Lithuania

Site Name	All Data Available	Data in digital format
Klaipeda	1898 - 2003	1898 - 1919

The Netherlands

Site Name	All Data Available	Data in digital format
Hoek van Holland	1863 - Present	daylight HW/LW data:1863 – 1887 HW/LW data:1887 – Present dt = 3 hour:1906, 1910 + 1911, Jan. 1932,1936,1939 - 1970 dt = 1 hour:25 Jan - 5 Feb 1953, 1971 - 1986 dt = 30 min.:1900 dt = 10 min.:1987 - Present
Oudeschild	1878 - Present	daylight HW/LW data:1878 - 1899 HW/LW data:1939, 1945 - Present dt = 1 hour:1971 - 1987 dt = 10 min.:1988 - Present

Poland

Site Name	All Data Available	Data in digital format
Wladyslawowo	1956 - Present	Under ESEAS the hourly data will be rescued. Now : Digitizing of analogue data from period 1976-81

Portugal

Site Name	All Data Available	Data in digital format
Cascais	1882 - Present	1986 - 2000
Lagos	1908 - Present	1986 - 2000

Slovenia

Site Name	All Data Available	Data in digital format
Koper	1958 - Present	1962 - 1992

Spain

Site Name	All Data Available	Data in digital format
Alicante	1874-1924	1927-1939

	1927-1939 1943-1946 1950-2001	1943-1946 1950-2001
Santander	1876-1900 1904-1914 1920-1928 1962-1974 1943-2001	1943-2001

Turkey

Site Name	All Data Available	Data in digital format
Karsiyaka/Izmir	05.07.1936 - 13.12.1977	1962 - 1977 records have been digitised and hourly values are available in computer form.
Samsun	05.04.1961 - 28.11.1983	1961 - 1983 records have been digitised and hourly values are available in computer form.
Antalya - I	09.01.1935 - 30.05.1977	1936 - 1977 records have been digitised and hourly values are available in computer form.
Keregli	01.03.1948 - 28.03.1976	None
Iskenderun	28.04.1952 - 31.12.1965	None
Trabzon	15.05.1956 - 24.11.1976	None
Bodrum - I	01.05.1967 - 31.12.1979	None