



JULY IN THE GULF OF CAGLIARI

The extension of the Anticyclone of Azores in the western Mediterranean sea, determines a levelled high pressures field in the South Sardinia.

The weather is characterized by:

clear sky

sea breeze (10-15 kts)

almost smooth or slight seas

During the statistically rare situations, with the presence of depressions in proximity of the island, the only important element is the northwest wind (Mistral) of moderate / strong intensity (10-25 kts)

Averages and Maximum monthly temperatures - JULY

Average pressure hPa	MINIMUM TEMP. (°C)		MAXIMUM TEMP. (°C)		RELATIVE HUMIDITY	
	AVERAGE	MINIMUM	AVERAGE	MAXIMUM	AVERAGE 7 HRS	AVERAGE 13 HRS
1015.3	18.4	9.4	29.0	38.0	82	54

Cagliari station - Elmas, Average every 10 days - JULY

MINIMUM AND MAXIMUM DAILY TEMPERATURES (°C) Average every 10 days						Average monthly rain	
1 ^a decade		2 ^a decade		3 ^a decade		Total (mm)	days nr >=1 mm
MIN	MAX	MIN	MAX	MIN	MAX		
18.0	28.5	18.3	29.00	18.7	29.3	03.0	00.4



Sea Temperatures in July: 22/23 (°C)

Meteorological station:

Cagliari Elmas (lat 39° 15' long 9° 3' alt. 4m)

Observation period: from 1/1951 to 12/1977

Number of observations: 19869

WIND DIRECTION AND VELOCITY DISTRIBUTION OF SEASONAL FREQUENCIES JUNE - JULY - AUGUST

Nr.	SECTORS			VELOCITY CLASSES (kts)						TOTAL
	DEGREES			0 - 1	2 - 4	5 - 7	8 - 12	13 - 23	24 - 99	
1	0.0	-	22.5		11.53	15.17	16.68	7.37	0.15	50.91
2	22.5	-	45.0		5.11	4.86	2.92	0.18	0.0	13.06
3	45.0	-	67.5		1.59	0.70	0.42	0.18	0.0	2.88
4	67.5	-	90.0		1.94	1.54	0.87	0.25	0.0	4.59
5	90.0	-	112.5		3.20	3.45	2.54	0.49	0.04	9.71
6	112.5	-	135.0		5.13	6.14	8.56	4.46	0.21	24.28
7	135.0	-	157.5		10.72	24.16	43.15	19.67	0.05	97.74
8	157.5	-	180.0		11.80	23.40	42.99	25.96	0.03	104.18
9	180.0	-	202.5		8.53	18.13	30.85	18.62	0.08	76.21
10	202.5	-	225.0		4.08	5.22	7.07	3.35	0.0	19.72
11	225.0	-	247.5		1.90	0.64	0.89	0.39	0.0	3.83
12	247.5	-	270.0		1.77	1.04	0.79	1.55	0.03	5.18
13	270.0	-	292.5		6.06	5.47	7.64	9.16	0.65	28.99
14	292.5	-	315.0		17.54	21.68	24.35	18.65	0.93	83.14
15	315.0	-	337.5		32.92	45.59	54.61	60.38	4.96	198.45
16	337.5	-	360.0		22.82	36.50	47.49	42.74	2.09	151.64
VARIABLE					0.0	0.10	0.15	0.10	0.0	0.35
0 - 1 kts				125.12						125.12
TOTAL				125.12	146.81	213.80	291.96	213.10	9.21	1000.00