

OCEANIC CONDITIONS 2002



Followings are the data of the fixed point observation at our set net (two and a half nautical miles away from the coast line of Algarve, Portugal)
 Since 1995 we have been trying to collect the data as many as possible. This is the fruit of the daily fishermen's efforts.

JANUARY 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15	11:30	17.3			W<0.7	NE 0		NE 0	L											
16	9:30	17.2			NE<0.5	E 1		E 1	L											
17	12:30	17.2			W<0.5	E 1		E 1	L											
18	12:30	17.3			E<0.5	NE 0		0	L											
19																				
20																				
21	10:30	16.9			0	S 1		SE 2	PN											
22																				
23																				
24																				
25	10:00	16.7	15	12	W<0.5	E 0		E 0	N											
26																				
27																				
28																				
29																				
30																				
31	10:00	17			W<0.5	0		SE 0	L											

AVERAGE	17.1	15.0	12.0
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AVERAGE			
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FEBRUARY 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1																				
2																				
3																				
4	9:00	15.7			0	N 0		SW 1	PN											
5																				
6																				
7																				
8	10:30	16.7			E>0.7	E 1		SE 1	L											
9																				
10																				
11	11:00	16.8			E<0.5	E 0		E 0	L											
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19	13:30	16.3			W<0.5	E 1		E 1												
20																				
21																				
22		16.5	16	13		NW	12	0	L											
23	9:10	16	15	14	E 0,6	NE	9	SE 1	L											
24																				
25	8:20	16.4	16	12	E 0,8	N	12	E	L											
26	8:35	16.4	15.5	11	E 1,0	NE	14	NE	L											
27																				
28	8:20	16.4	15.3	15.5	E 0,8	SW	14	SW 0,5	N											

AVERAGE	16.4	15.6	13.1
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AVERAGE			
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OCEANIC CONDITIONS 2002



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MARCH 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1	7:30	16.2	15	12	E 0,9	NW	11	SW 1	N											
2																				
3																				
4																				
5	8:00	15.8	15	10,5	SW 0,5	NE	10	SW 1	PN											
6	7:30	15.7	15	10	SE 0,2	N	10	W 0,5	L											
7	7:20	15.5	15	12	W 0,2	NE	8	NE 0,5	L											
8	8:00	15.7	15	12	W 0,2	NE	12	SE 1	L											
9	7:25	15.7	14	12	NW 0,2	E	12	NE	L											
10																				
11	8:00	15.9	14.5	13	SW 0,3	SW	8	SW 1	N											
12																				
13																				
14																				
15																				
16																				
17																				
18	8:30	15.8	14.5	13	NE 0,3	SW	10	SW 2	PN											
19	7:20	16.1	15	14	SE 0,5	NE	15	SW 1	L											
20	7:20	16.3	15.5	14	NE 0,6	SW 0,5	9	NE	L											
21		16	15.5	15	0.3	0	9	L 0,5	L											
22		16.3	16	18	0.5	NE	8	L 0,5	L											
23																				
24	7:30	17	16	19	0.5	NE	7	SE 0,5	L											
25	8:15	16	16	17	W 0,5	L	7	SE 1,5	N											
26	8:15	18	16	17	0.3	SE	7	SE 1,5	L											
27																				
28																				
29																				
30																				
31																				

AVERAGE	16.1	15.2	13.9
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AVERAGE			
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APRIL 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1	9:00	18	17	17	W 0,7	SE	6	SE 1,5	N											
2	8:00	18	17	16	SW 0,6	O	5	SE 1	PN											
3	8:10	16	16	17	E 0,5	NW	9	SW 0,5	PN											
4	8:30	16	16	18	E 1,4	NW	8	SW 1	N											
5	8:10	16.2	15.8	16	E 0,6	W	7	SW 1	N											
6	8:30	15.5	15	16	0.6	NW	7	SW 2	N											
7																				
8																				
9																				
10	8:30	15.5	16	15	W 0,6	E	4	S 1,5	PN											
11	8:30	15	15	14	0.3	NW	5	SW 1	N											
12	7:40	16.5	15.5	12	NE 05	NW	8	SW 1,5	L											
13																				
14																				
15		16.2	15	14	NE / N 0,4	NE		SW 1	L											
16		17	16	18	E 0,3		10													
17																				
18	8:30	16.3	15	14	E < 0,8	NE FR	6	NE 0,5	PN											
19	7:15	16.4	15.7	14	NE 0,5	NE	9	NE 0,5	L											
20	8:30	16.8	15.7	15	E / NE 0,7	E	9	E 1	L											
21																				
22																				
23																				
24	8:30	18.2	17	18	SW 0,3	E	7	SE 2,5	L	15:15	18.5	18	24	W 0,2	SE	9	SE 2,5	L		
25																				
26	7:30	18.8	17.5	18	NE 0,5	NE	7	S 0,5	L											
27	7:15	18.7	17.5	17	E 0,3	NE	8	0	L											
28	6:40	18.3	17.6	16	NE/E 0,5	N	9	SE 0,5	L											
29	8:00	18.7	18	20	E 0,9	0	13	0	L											
30		17.5	17	21	E 0,9	0	11	0	L											

AVERAGE	17.0	16.3	16.3
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AVERAGE	18.5	18.0	24.0
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MAY 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1	7:15	17	15.5	16	NE 0,97	N 2	12	N 1	L											
2											15:00	16	15.5	16	1.1	2	9	NW 0,5	PN	
3	7:45	15.5	15	13	0.9	N 3	9	N 0,5	L		15:30	17.7	16.5	22	E/NE 0,8	NE	10	NE 1	L	
4	7:20	17.5	17	20	E 0,7	NE	10	0	L											
5	7:45	17	16	14	NE / E 0,2	NE	6	NE 0,5	N											
6	7:20	17.2	16	13	E 0,4	NE	8	E 0,5	L											
7	7:00	17	15	14	E 0,4	E	8	SE 1	N											
8	6:45	16.7	15	13	E/NE 0,2	W	5	SW 0,5	PN											
9	6:50	16.2	15	15	0.5	NW	7	SW 1	PN											
10	6:30	15.8	14.7	14	W 0,3	NW	6	SW 1	PN											
11	6:45	15.7	15	14	S / SW 0,	NW	6	SW 1	N											
12																				
13	7:15	16	15.2	15	E 0,7	NW	8	SW 0,5	L											
14	6:50	16.2	15.5	16	E 0,6	0	9	0	L											
15	7:00	16.2	14.5	18	SE 0,6	NE	15	0	PN											
16	7:50	17.7	15.5	17	NNE 0,7	SE 2	7	E 0,5	N		15:00	19.7	16.5	24	NE 0,1	SE	7	SE 2,5	L	
17	7:35	16.8	15.2	19	1.05	W	7	SW 1	PN											
18																				
19	7:10	16.1	15.2	14	NE / E 0,5	NE	15	SW 0,5	L											
20	7:00	17.8	16	17	E 1	N	17	SE 1,2	L		14:30	17.8	16.5	26	E 0,3	W	16	SE 1,5	L	
21	6:45	16.2	15	17	NE 0,3	NW	13	SW 1	L											
22	7:15	16.2	15	14	NE 0,6	NW	8	SW 1	L											
23	7:00	16	15.2	14	E 0,9	NW	9	SW 0,5	L											
24	7:00	16	14.8	14	0.8	NE	8	SW 0,5	L		15:00	17	15	21	E 0,9	W	11	SW 0,5	L	
25	6:00	16.6	15	16	NE 0,8	W	11	SW 0,5	L											
26																				
27	6:50	16.8	15	14	E 0,8	NE	9	NE 0,5	L											
28																				
29	7:20	16.5	14.2	18	E 0,6	NE	10	NE	L											
30																				
31	6:20	17.2	15	14	0.2	NE	9	SE 1,5	PN											

AVERAGE	16.6	15.2	15.3
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AVERAGE	17.6	16.0	21.8
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JUNE 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1																				
2	6:50	18	16	19	NE 0,9	SW	11	SW 0,5	N											
3	7:10	17.8	16	16	W 0,3	N	7	SW 1	N		15:15	17.5	16.2	21	W 0,3	SW	8	SW 1,5	L	
4	6:35	16.7	15.2	16	E 0,3	NW	9	SW 0,5	N											
5	6:50	15.7	14.8	16	NE 0,5	N	10	SW 1	PN		15:15	15.3	14.4	22	E/NE 0,6	W	12	SW 1,5	L	
6	6:50	15.2	14	14.5	E 0,4	N	10	SW 1	L		15:15	16.2	15	22	E 0,4	W	10	W 1	PN	
7	6:45	15.3	14	17	NE 0,5		15	SW 0,5	N											
8	6:30	15	14	14	E 0,8	N	13	SW 0,5	PN											
9																				
10																				
11	7:00	16.2	14.8	17	E/NE 0,9	E	8	E 0,5	L											
12	7:20	17.2	15.4	19	SE 0,3	NE	7	SE 1,5	L		16:00	19.2	16.8		SE 0,3		11		L	
13																				
14	7:30	17.2	16	19	W 0,4		7	SE 2	L											
15																				
16	6:30	19	18	21	NE 0,3		10	SE 1	L											
17	6:45	19.8	17.8	21	W 0,4		8	SE 1	L											
18	6:30	20.4	19	21	NW 0,5		10	SE 1	L											
19	6:40	20.5	19.2	19	NW 0,4		10	SW 1	PN											
20																				
21	7:20	21	18.8	20	E/SE 0,2	NE	10	SW 1	L		15:40	21.9	19.2	27	0	W	11	SW 0,5	L	
22																				
23	10:00	20	18	22	NE 0,4	E	10	SW 0,5	L											
24																				
25																				
26																				
27	6:30	18.8	16	19	E 0,4	NW	5	SW	L											
28	6:15	17.2	16	19	E 0,5	0	8	SW 0,5	L		15:30	18.2	16.8	25	E 0,5	W	9	W 0,5	L	
29	7:40	16.8	15.7	19	E 0,4	SE	6	SW 0,5	L											
30																				

AVERAGE	17.8	16.2	18.3
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AVERAGE	18.1	16.4	23.4
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OCEANIC CONDITIONS 2002



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JULY 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1	7:20	19	17.2	16	SW 0,3	NE	10	SW	L											
2	6:15	19.5	18.2	17	NW 0,3	0	9	SW 1	L											
3	6:15	19	17	16	NE 0,3	NE	9	NE	L											
4	6:20	18.7	16	18	E 0,7	NE	9	NE	L											
5	6:30	18	16	20	NE 0,9	NE	9	NE 0,5	L											
6																				
7	6:30	16.8	15.2	17	E 0,6	E	6	E 1	L											
8	7:30	19.2	17	20	W 0,4	NE	7	SE 1	L											
9	6:10	19	17	19	SW 0,4	NE	6	SW 1	L											
10	6:20	18	16	19	E 0,5	0	6	SW 0,5	N											
11	6:30	17	15	17	E 0,4	NE	6	NE 0,5	L											
12	6:15	17	15	17	E 0,6	NE	6	SW 0,5	L											
13	6:40	17.8	15.4	18	E 0,4	NE	7	SW 0,5	L											
14	7:15	18	16.2	19	E 0,5	NE	7	SW 0,5	L											
15																				
16	6:40	17.3	16	17	W 0,4	NE	5	SE 1	L	14:40	19	17	25	0	S	5	SE 1,5	L		
17	6:20	18.5	17	18	W 0,4	NE	5	SE 1,5	L	14:50	21	18	26	W 0,4	SE	6	SE 1,2	L		
18	6:25	21	18	20	W 0,8	NE	6	SE 2	L	15:20	22.2	18	28	W 0,8	SE	7	SE 2	L		
19	6:50	22	19	21	W 0,6	SE	7	SE 2	N											
20																				
21	6:45	22	20	20	0	NW	5	SW 1	N											
22	6:25	20	17	14	0	NW	6	SW 0,5	L											
23	6:10	17	16	18	E 0,4	0	7	SW 0,5	L	14:50	19.5	17	27	E 0,6	SW	7	SW 0,5	L		
24	6:15	17.5	16	20	E 0,2	0	7	SW 0,5	L	15:05	20	17	28	E 0,6	SW	7	SW 0,5	L		
25	6:35	18	17	21	W 0,4	S	6	SW 0,5	L	15:40	21	18	28	0	SW	7	SW 0,5	L		
26	7:30	20.5	18	21	0	S	8	SW 0,5	L	15:00	23	19	29	0	S	10	SW 0,5	L		
27	6:15	21	18	20	0	0	9	SE1	L											
28																				
29	6:15	22	20	21	W 0,5	N	8	SE1	L	15:30	23	20.5	29	SW 0,4	SW	7	SE1	L		
30	6:30	22	19	21	SW 0,2	N	9	SW1	L	15:20	23	20	32	W 0,3	SW	7	SW1	L		
31	6:30	22	20	20	0	N	10	SW 0,5	L											

AVERAGE	19.2	17.1	18.7
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AVERAGE	21.3	18.3	28.0
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AUGUST 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1	6:25	23.5	20	20	0	W	7	SW1	L		14:25	23	19.5	29	SW 0,4	W	10	SW1	L	
2	6:25	22	19	20	SW 0,3	0	11	SE 0,5	L											
3																				
4	6:20	22	20	20	0	NE	9	W	L											
5	6:20	22	19	20	0	0	9	SW 0,5	L	14:20	23	20	28	0	SW	10	SW 0,5	L		
6	6:25	21.5	18	19	0	NE	9	SW 0,5	L	14:15	22	19	28	0	SW	9	SW 0,5	L		
7	6:20	22	18	21	0	NE	9	SW 0,5	L											
8																				
9	6:30	21	16	20	SW 0,3	WE	8	SW 0,5	L	14:20	22	16	28	SW 0,3	SW	8	SW 0,5	L		
10	6:25	21	17	18	SW 0,4	NW	7	SW 1	L											
11																				
12	6:55	18	15	19	SE 0,9	E	6	SW 0,5	L											
13																				
14	6:50	22	18	22	SW 0,5	E	7	SE	L											
15																				
16	6:40	22	19	19	SW 0,4	NE	7	SW 0,5	L											
17																				
18	7:50	22	18	21	NE 0	0	8	SW 0,5	L											
19	6:30	22	18	20	0	NE	7	SE 0,5	L											
20	6:50	19	16	19	E 0,5	0	7	SW 0,5	L											
21	6:35	20	16	21	W 0,4	NE	6	NE	L											
22	6:50	20	16	20		N	6	SW 0,5	L											
23	6:50	20	16	18	SW 0,4	N	6	SW 1	L											
24	6:48	20	15	18	SW 0,5	N	5	SW 0,5	L											
25																				
26	6:45	16	15	16	E 0,3	0	5	SW 0,5	L											
27	7:00	17	15	16	W 0,3	NW	5	SW 0,5	L											
28	6:45	18	16	18	W 0,2	E	5	E 0,5	L											
29	8:50	19	16	18	W 0,3	E	6	SE 0,5	Neb											
30	10:30	19.5	17	19	0	0	7	SW 0,5	L											
31	9:15	18	16	17	0	NE	7	NE 0,5	Neb											

AVERAGE	20.3	17.0	19.1
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AVERAGE	22.5	18.6	28.3
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OCEANIC CONDITIONS 2002



Followings are the data of the fixed point observation at our set net (two and a half nautical miles away from the coast line of Algarve, Portugal)
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SEPTEMBER 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1																				
2	6:55	20	17.5	18	W 0,4	N	6	SE 0,5	L											
3	10:00	20	17.8	20	E 0,3	SW	7	SW 0,5	N											
4	9:30	17	16	18	E 0,7	W	8	SW 0,5	N											
5	7:00	16	15	17	E 0,7	N	9	SW 0,5	L											
6	7:20	15.5	14.5	17	E 0,4	0	8	0	L											
7	7:05	16	15	17	E 0,5	0	9	SW 0,5	L											
8																				
9	7:20	16	15	18	E 0,9	0	6	SW 1	Neb.											
10	7:40	17	16	18	E 0,5	0	7	SW 0,5	L											
11																				
12	10:05	17	16	18	E 0,3	0	6	SW 0,5	L											
13	7:10	17	16	18	0	0	6	SW 0,5	L											
14	10:00	17	16	16	E 0,3	S	5	SW 1	N											
15																				
16																				
17																				
18	9:20	20	19	20	W 0,6	SW	5	SW 2,5	N											
19	7:45	21	20	20	W 0,4	SE	4	SW 1,5	N											
20	7:45	21	20	20	W 0,4	S	6	SW 1,5	N											
21	7:20	21	19	20	SW 0,3	SW	5	SW 1	N											
22																				
23	7:25	19	16.5	19	0	W	6	SW 1	N											
24	7:50	18	16	17	SW 0,3	NE	7	SW 0,5	N											
25	7:30	19.5	17	19	W 0,3	E	6	S 0,5	N											
26										12:10	20	18	21	W 0,3	E	7	S 1,5	N		
27	7:45	20	17	20	W 0,3	E	7	S 1,5	N											
28	7:35	21	18.5	19	SW 0,4	0	7	SW 0,5	N											
29																				
30	7:40	21	19	20	SW 0,3	N	8	SE 1	L											

AVERAGE	18.6	17.0	18.5
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AVERAGE	20.0	18.0	21.0
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OCTOBER 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1																				
2																				
3	8:30	21	20	20	W 0,6	NE	6	E 1	N											
4	7:55	22	21	20	SW 0,8	NE	7	SE 2,5	N											
5																				
6																				
7	7:45	22	20	20	W 0,5	E	6	SW 0,5	N											
8										13:10	22	21	22	NW 0,3	E	13	SW 1	N		
9	7:45	21	19	18	E 0,3	W	10	SW 1	N											
10	7:40	19	16	15	E 0,10	NW	8	W 0,5	N											
11	7:45	17	15	14	E 0,4	N	7	SW 1	L											
12	7:30	18	15	17	E 0,4	NW	6	SW 0,5	N											
13																				
14	11:30	18	16	20	E 0,4	0	6	SW 0,5	PN											
15	7:40	19	16	18	SW 0,2	NE	7	SW 0,5	N											
16	8:15	14	13	20	0	SW	6	SW 1,5	N											
17	8:00	19	16	17	0	N	7	SW 1	L											
18	11:20	19	17	17	W 0,3	E	6	E 0,5	N											
19																				
20																				
21																				
22																				
23	8:00	19	18	16	SW 0,3	NW	5	SW 1,5	L											
24	7:45	19	18	15	0	0	10	SW 0,5	L											
25	10:50	19	18	18	0	E	10	E 0,5	L											
26																				
27																				
28	9:00	19	18	17	SW 0,4	NE	9	SE 1,5	L											
29																				
30	8:25	20	19	19	E 0,3	0	6	SE 1,5	N											
31	10:55	20	19	19	E 0,2	0	8	SW 1	L											

AVERAGE	19.2	17.4	17.8
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AVERAGE	22.0	21.0	22.0
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OCEANIC CONDITIONS 2002



Followings are the data of the fixed point observation at our set net (two and a half nautical miles away from the coast line of Algarve, Portugal)
 Since 1995 we have been trying to collect the data as many as possible. This is the fruit of the daily fishermen's efforts.

NOVEMBER 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1																				
2																				
3																				
4																				
5	7:15	19	17	16	W 0,3	NE	6	SW 0,5	L											
6	7:15	19	18	16	SW 0,3	NE	7	SW 0,5	L											
7																				
8	7:15	19	17	13	NE 0,4	NE	11	NE 0,5	L											
9																				
10																				
11	7:15	18	16	19	W 0,4	NE	10	SW 0,5	L											
12	7:20	18	16	17	NW 0,3	N	10	SW 1	N											
13																				
14																				
15																				
16	8:20	16	15	13	W 0,7	NW	8	SW 2	N											
17																				
18																				
19																				
20	8:20	17	16	13	0	0	7	SW 1,5	N											
21																				
22																				
23																				
24																				
25																				
26																				
27																				
28	8:20	16	15	13	E 0,3	NW	8	SW 1,5	N											
29	7:50	16,5	16	13	0	W	9	SW 1	L											
30																				

AVERAGE	17.6	16.2	14.8
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AVERAGE			
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DECEMBER 2002

* WEATHER : L = SUNNY, PN = MOSTLY SUNNY, N = CLOUDY, CH = RAIN

DAY	AM										PM									
	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.	TIME	WATER TEMP.		AIR TEMP.	CURRENT	WIND	TRANSP. (m)	WAVE	WEATHER	OBSERV.
		SURFACE	BOTTOM									SURFACE	BOTTOM							
1																				
2	7:50	16	15	15	SE 0,8	N	8	SW 1	PN											
3	9:40	16	15	14	E 0,9	NW	8	SW 1	L											
4	9:15	17	16	16	E 0,5	NW	7	SW 1	N											
5	7:50	16	15	12	NE 0,8	NE	11	NE 0,5	L											
6	7:25	17	16	11	E 0,6	N	12	E 1	L											
7	9:30	16	15	12	E 0,27	NE	12	SE 1	L											
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				

AVERAGE	16.3	15.3	13.3
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AVERAGE			
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OCEANIC CONDITIONS 2002

Followings are the data of the fixed point observation at our set net (two and a half nautical miles away from the coast line of Algarve, Portugal)
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YEAR 2002

MONTHLY AVERAGE

MONTH	WATER TEMPERATURE		AIR TEMPERATURE	AVERAGE OBSERVATION TIME
	SURFACE	BOTTOM		
JAN	17.1	15.0	12.0	10:55
FEB	16.4	15.6	13.1	9:48
MAR	16.1	15.2	13.9	7:45
APR	17.0	16.3	16.3	8:04
MAY	16.6	15.2	15.3	7:03
JUN	17.8	16.2	18.3	7:01
JUL	19.2	17.1	18.7	6:33
AUG	20.3	17.0	19.1	7:02
SEP	18.6	17.0	18.5	8:00
OCT	19.2	17.4	17.8	8:41
NOV	17.6	16.2	14.8	7:41
DEC	16.3	15.3	13.3	8:35
YEARLY AVG.	17.7	16.1	15.9	8:06

