

OCEANIC CONDITIONS 2010



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 2010

* 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	8:15	16	16	11	E 0	N 0	5	SW 1~1,5	N											
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15	9:00	16.5	15.5	14	E 0,54	NW 0	13	SW 0,5~1	PN											
16																				
17																				
18																				
19	9:00	15.5	14.5	15	W 0,29	SW 0	4	SW 0,5~1	N											
20																				
21	8:00	14.5	14	13	W 0,54	E 0	6	SW 0,5	PN											
22																				
23																				
24																				
25	8:20	14.5	14	13,5	W 0,50	NE 0	7	SW 0	L											
26																				
27	8:35	14	13,5	12	W 0,52	NE 1	7	SE 1	L											
28																				
29	9:40	14	13,5	13	W 0	NW 1	6	SW 0,5	PN											
30																				
31																				

AVERAGE	15.0	14.4	13.1
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AVERAGE			
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FEBRUARY 2010

* 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	8:30	15.5	14.5	16	E 0,57	W 1	8	SW 1~1,5	N											
9																				
10	8:40	15	14.5	13	E 0,65	NW 0	5	SW 0,5~1	C											
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25	9:15	16	15	17	E 0,23	SW 1	2	SW 1,5~2,5	N											
26	9:20	15.5	14.5	14	W 0	SW 0	4	SW 1,5~2	N											
27																				
28																				

AVERAGE	15.5	14.6	15.0
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AVERAGE			
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OCEANIC CONDITIONS 2010



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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MARCH 2010

* 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	8:00	15	14	12	W 0,30	NE 2	5	SW 2~2,5	N											
10	8:00	15	14	13	W 0	N 0	5	SW 1,5~2	N											
11	7:10	17	16	15	W 0,30	SW 1	5	SW 1,5	N											
12	7:50	18	17	13	W 0	N 1	5	S 1~1,5	L											
13	8:50	14	13	14	E 0	N 1	6	SW 0	L											
14																				
15																				
16																				
17																				
18																				
19	7:20	15,5	14	18	W 0,65	E 0	6	SE 1~1,5	N											
20	7:10	15,5	14,5	18	W 0,52	E 0	5	SW 1,5~2	N											
21																				
22	7:00	16	15	16,5	W 0,33	N 0	5	SW 1	PN	14:15	17	15,5	19	W 0,59	SE 0	5	SW 0	PN		
23	7:00	16,5	15,5	18,5	W 0,30	E 1	6	E 0	N	14:20	16,5	15,5	20	W 0,27	E 0	6	SE 0,5~1	N		
24	6:50	16,5	16	18	E 0,27	NW 0	6	SE 1,5~2	N											
25																				
26	7:00	16	15	16	E 0,47	SW 0	7	SW 1,5~2	N											
27	7:00	16	16	15	E 0,49	N 1	8	SW 0,5~1	L											
28																				
29	8:15	16	15,5	17	E 0,68	SW 2	6	SW 0,5~1	N											
30	7:20	16	15	16	E 0,49	NW 0	7	SW 1~1,5	PN											
31	7:15	15	13,5	13	E 0,59	N 1	8	SW 0	L											

AVERAGE	15,9	14,9	15,5
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AVERAGE	16,8	15,5	19,5
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APRIL 2010

* 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										15:00	17	16	24	W 0,80	S 0	4	SE 1~1,5	N		
7	7:35	15,5	15	13	W 0	NE 0	4	SW 0,5	L											
8																				
9																				
10																				
11																				
12	7:00	16,5	16	15	W 0,33	SW 0	16	SE 1~1,5	N											
13	7:20	17,5	16,5	18	W 0	E 0	6	S 0,5~1	N											
14																				
15																				
16																				
17																				
18																				
19	6:55	17,5	16,5	19	W 0,23	E 0	4	SW 1~1,5	N											
20	6:45	17	16	16	W 0,27	NE 0~1	5	SE 0,5	PN											
21																				
22	6:50	19	17,5	20	W 0	SW 1	3	S 0,5~1	C											
23	6:50	18	16,5	16	E 0,27	SW 0	5	SW 0,5	PN											
24	6:25	17,5	16	18	W 0	0	6	SW 0,5~1	L											
25																				
26	9:50	18,5	17	19	E 0,27	E 0~1	12	SE 1~1,5	L	14:10	20	17,5	25	E 0,26	SE 0~1	9	SE 1,5	L		
27																				
28																				
29																				
30	6:55	20	18,5	21	W 0,36	E 0	6	SE 0,5~1	N											

AVERAGE	17,7	16,6	17,5
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AVERAGE	18,5	16,8	24,5
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OCEANIC CONDITIONS 2010



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MAY 2010

* 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	7:50	16.5	16	17	E 0,68	N 1~2	7	0	L											
4	7:00	16	15	13	E 0,80	N 1~2	7	NE 0	L											
5	6:55	16	15	15	E 0,72	NE 0	9	SW 0	L											
6	6:50	17	15.5	18	E 0,52	N 0	6	SW 0	N	10:55	17.5	15.5	25.5	E 1,13	SW 0	6	E 0	N		
7	6:55	16.5	15	17	E 0,47	SW 0	6	SW 0	L	10:15	17	15	21	E 0,68	SW 1	7	SW 0	N		
8	6:10	16	15.5	17	E 0,39	N 0	6	SW 0	N											
9																				
10	7:00	17	16	16	E 0	SW 0	8	SW 1~1,5	PN											
11	7:00	16.5	15	18	E 0	NW 0	8	SW 0	N	14:20	17	15.5	23	E 0,62	SW 1~2	9	SW 0,5	PN		
12	7:00	16	15	15	E 0,33	N 0	10	SW 0,5	PN	11:40	17	15	20	E 0,80	W 1	12	SW 0,5	PN		
13	6:50	16	15	16	E 0,39	W 0	10	SW 0	N	14:45	16	15	19	E 1,05	W 1~2	11	SW 0,5~1	N		
14	6:50	16	15	13	E 0,85	N 1~2	8	N 0,5	L											
15	6:00	16	15	15	E 1,13	N 0	7	SW 0	PN											
16	6:30	16	14.5	17	E 0,59	N 0	8	E 0	L											
17	6:35	16	15	18	E 0	NE 0	8	SW 0	L	14:40	17.5	15.5	23	E 0,23	SE 0	13	SE 0,5~1	L		
18	6:25	17	15.5	17	E 0	SE 0	9	SE 1~1,5	L											
19	6:40	17.5	16	18	W 0	NE 0	9	SE 1~1,5	L	14:33	18.5	17.5	28	W 0	SE 0	15	SE 1,5~2	L		
20	6:35	18	16.5	18	W 0,28	SE 0	10	SE 1~1,5	L	14:40	19	17.5	24	W 0,27	SE 1	11	SE 2~2,5	L		
21																				
22																				
23																				
24	6:20	19	18	17	W 0,32	W 1	6	S 1~1,5	N	14:40	20	18	22	W 0,33	W 0~1	7	S 0,5~1	L		
25	6:20	19	18	21	W 0	SW 1	6	SW 0,5~1	N	4:40	20	18	23	W 0	W 0~1	10	SW 0,5	PN		
26	6:20	18.5	17.5	20	E 0	N 0	12	SW 0	L	14:40	19.5	18.5	24	E 0,57	W 1	13	SW 0,5	PN		
27	6:15	17.5	16.5	17	E 0,45	W 0	9	SW 0	PN	14:45	18.5	17	21	E 1,13	W 1~2	10	SW 0,5	PN		
28	6:15	17	16	18	E 0,91	W 0	6	SW 0	L	13:55	18	16.5	20	E 1,36	W 1~2	10	SW 0,5	PN		
29	5:40	17	16	18	E 1,05	N 0	8	SW 0	L											
30	6:15	17	16	21	E 0,43	NE 0	7	SW 0	L											
31	6:30	18	17	20	E 0,40	NE 0	12	SW 0	L	14:30	20	17	23	E 0,80	SE 0	7	S 0	L		

AVERAGE	16.9	15.9	17.2
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AVERAGE	18.3	16.5	22.6
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JUNE 2010

* 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	6:15	18	16	20	E 0,52	N 0	12	SW 0	L	14:30	20.5	16	27	E 0,92	SW 0	9	S 0	L		
2	6:00	19	18	20	W 0	NW 0	6	SW 0	L											
3																				
4	6:00	19	18	19	W 0	NE 0	13	SW 0,5	L	14:30	19.5	18	21	W 0	SW 1	20	SW 0,5	PN		
5	5:50	18.5	16.5	18	W 0	0	19	SW 0,5	PN											
6	6:00	19	18	17	W 0	N 0	14	SW 0,5	L											
7	6:00	18	16	16	E 0	N 0	14	SW 0	L	14:40	19	18	24	E 1,24	SW 0~1	12	SW 0	L		
8	5:55	17.5	16	16	E 0,23	NW 0	8	SW 0	L	14:50	17.5	16	20	E 1,05	SW 2	8	SW 0,5~1	N		
9																				
10	6:30	16.5	15	18	E 0,92	SW 0	8	SW 0,5~1	PN											
11	6:00	15.5	14	18	E 0,80	N 0	7	SW 0,5~1	L	13:40	17.5	16	19	E 1,24	SW 1	8	SW 0,5	N		
12	5:50	16.5	15	18	E 0,37	N 0	8	SW 0	PN											
13	6:55	16	14.5	19	E 0,35	N 0	8	SW 0	L											
14	5:55	16.5	15	19	E 0,34	N 0	7	SW 0	L	14:40	18	15	24	E 0,28	SW 1	9	SW 0,5	PN		
15	6:00	16.5	15	17	E 0	NE 0	7	SW 0	L	12:30	17.5	15	22	E 0	S 1	8	SW 0	L		
16	6:15	16.5	15	16	E 0	N 1	6	SW 0,5	L											
17	6:00	17	16.5	18	W 0	N 0	10	SW 0	L	14:30	19	17	20	W 0	SW 0	11	SW 0	L		
18	6:00	18	16.5	18	W 0,28	N 0	13	SW 0,5~1	L	14:35	19	17	21	W 0	SW 2	14	SW 1~1,5	L		
19	5:50	17.5	16	14	W 0	W 0	11	SW 0,5~1	L	6:30	17	16	19	E 0,27	NE 0	12	SW 0	L		
20																				
21	7:00	17	16	18	W 0	S 0	15	SW 0,5	L	15:15	18	17	23	W 0	SW 0	16	SW 0	L		
22	6:00	18	16	19	W 0,28	NE 0	16	SW 0	L	14:45	19	16.5	25	E 0	SW 0	14	SW 0	L		
23	6:08	18.5	16.5	20	E 0,27	S 1	11	SW 0,5	L	14:40	21	18	28	E 0,30	SW 0	13	SW 0	L		
24	6:40	18.5	16	20	E 0	0	11	SE 0,5~1	L	14:40	21	18	28	W 0,34	SE 0	10	SE 0,5~1	L		
25	6:20	19.5	17.5	20	W 0,57	E 1	7	E 0,5	N	12:50	20	18	20	W 0	SW 1	8	SW 0,5~1	N		
26	6:10	19.5	17	19	W 0,34	SE 0	8	SE 0	N											
27	6:15	20	17	21	W 0,24	W 0	14	SW 0,5	L											
28	6:00	20.5	18	20	W 0,27	NE 0	10	SW 0	L	14:40	21	19	26	W 0	SW 0	15	SW 0	L		
29	6:00	20.5	18.5	19	W 0	NE 0	13	SW 0,5	L	14:20	22	18	23	E 0	SW 0	17	S 0,5	L		
30	14:30	22.5	18.5	25	E 0	SW 0	24	S 0,5	L											

AVERAGE	18.1	16.4	18.6
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AVERAGE	19.2	17.0	22.9
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OCEANIC CONDITIONS 2010



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JULY 2010

* 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	6:10	21	18.5	21	W 0	N 0	13	S 0,5~1	L		14:25	22.5	18.5	27	0	SW 0	22	S 0,5	L	
2	6:00	21.5	19	22	W 0	N 0	14	S 0,5	L		14:30	22.5	19.5	28	W 0	SW 0	20	S 0,5	L	
3	6:05	21.5	18.5	24	W 0	NE 0	8	S 0,5	PN											
4	6:15	21	17	22.5	W 0,24	NE 2	12	SE 1,5~2	L											
5											14:40	24	19	31	W 0,45	SE 0	16	SE 0,5~1	L	
6	10:00	24	19	28	W 0,43	E 1	17	SE 1,5~2	L		14:50	24	21	32	W 0	E 0	18	SE 1~1,5	PN	
7	6:30	24	19	27	W 0,38	SE 0	6	SE 2~2,5	N		14:45	24.5	21	32	W 0,50	SE 0	15	SE 1,5~2	PN	
8	9:40	24	20	27	SW 0,54	SW 0	8	S 1~1,5	N		14:50	24	21	29	SW 0	SW 1~2	7	SW 0,5	L	
9	6:00	24	19.5	26	W 0,36	0		SW 0,5	L		14:40	25.5	21.5	28	W 0	SW 0	9	SW 0	L	
10	6:00	24	21	23	W 0	N 0	10	SW 0	L											
11	6:25	24	19.5	20	W 0	S 0	7	SE 0,5~1	L											
12	6:00	23.5	19.5	21	E 0,27	N 0	9	SE 0,5	L		14:25	25	19.5	24	E 0,25	SW 1	13	SW 0,5	L	
13	6:00	23	19.5	20	E 0	N 0	11	SW 0	L		14:30	23.5	19.5	26	E 0,31	SW 1~2	13	SW 0,5~1	L	
14	6:00	21	18	19	E 0,40	N 0	8	SW 0	L		14:25	20.5	17	26	E 0,27	SW 1	10	SW 0,5	L	
15	6:00	20.5	17.5	18	E 0	N 0	9	SW 0	L		14:45	20.5	17.5	25	E 0,25	SW 1	9	SW 0,5	L	
16	6:10	19.5	16.5	17	E 0	N 0~1	7	SW 0	L		14:35	19.5	16	24	E 0,39	SW 1	8	SW 0,5~1	L	
17	6:00	19.5	15	21	E 0,32	N 1	7	SW 0,5	L											
18	6:30	21	18	20	W 0,32	NE 0	10	SW 0	L											
19	6:00	21	16.5	21	W 0	N 0	9	S 0,5	L		14:40	22.5	18.5	25	W 0	SW 0	11	SW 0,5	L	
20	6:25	21	17	23	W 0,43	N 0	9	SW 0,5~1	L											
21	6:40	21	15	24	E 0	W 0	8	SW 0,5	L		15:00	20.5	17	26	E 0,45	SW 0~1	10	SW 0	L	
22	6:20	19.5	15	19	E 0	N 1	7	SW 0	L											
23	6:20	18.5	14.5	20	E 0,72	SW 0	10	SW 0	L		15:10	20	16	27	E 1,13	SW 0	10	SW 0	L	
24	6:00	18	16	18	SE 0,44	NE 0	6	SW 0	L											
25	6:19	21	15	21	W 0,37	SE 1	7	SE 1,5~2	L											
26	6:10	21	18.5	21	W 0,57	E 0	12	S 0,5	L		14:40	24	17	30	W 0,25	SW 0	12	SE 0,5	L	
27	6:30	22	19	19	W 0,59	E 0~1	10	SE 1~1,5	PN		9:30	22	19	24	W 0,65	E 1~2	11	SE 1,5~2	PN	
28	11:40	23.5	19	28	W 0,85	E 0	19	SE 1,5~2	N											
29	6:35	23	19.5	20	W 0,59	SE 0~1	9	SE 1~1,5	L		14:35	24	20.5	27	W 0,30	S 0	13	SE 1~1,5	N	
30	6:40	23.5	19.5	22	W 0,45	SW 0	9	SW 0	L		14:35	25	21	28	W 0,30	S 0	14	SW 0,5	L	
31	6:15	24	20	24	W 0,27	SE 0	7	SW 1~1,5	L											

AVERAGE	21.8	18.0	21.9
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AVERAGE	22.8	18.9	27.3
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AUGUST 2010

* 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	6:15	24	20	21	W 0,37	E 0	10	SE 0,5~1	L											
2	6:10	24.5	20	26	W 0	NE 1	9	SE 0,5~1	L		15:10	25	21	27	E 0,37	SW 1	13	SW 0,5	L	
3	6:20	24	19.5	24	E 0	N 0	9	SW 0,5	L											
4	6:25	24	19	25	W 0	E 0	8	S 0,5	L		14:45	26	20.5	30	W 0,27	SE 0	18	SE 0,5	L	
5	6:05	24	19	26	W 0,28	S 0	9	S 0,5	L											
6	6:30	23.5	19	24	W 0,43	E 1	14	SW 0	L		14:40	25.5	21	30	W 0	W 0	19	SE 0,5~1	L	
7																				
8																				
9	6:30	25	21	25	W 0,68	E 0	9	SE 1~1,5~2	N		12:00	25.5	21	30	W 0,57	E 0	10	SE 1~1,5	N	
10	6:30	25	20.5	20	W 0,43	N 0	14	SE 0,5	L		14:30	26.5	21.5	30	W 0	SW 0	18	SE 0,5	PN	
11	7:20	25	21	23	W 0,40	N 0	13	SW 0	PN		14:50	27	22.5	30	W 0	SW 0	17	SW 0	PN	
12	7:00	25	20.5	25	W 0,24	NE 0	13	SW 0	L											
13	6:40	24	19	20	E 0,28	N 0	15	SW 0	L		14:40	25	19	27	E 0,54	SW 0	17	SW 0	L	
14	7:00	24	19	22	E 0	SE 0	17	SW 0	PN											
15																				
16	6:35	24.5	20	23	W 0	S 0	15	S 0,5~1	N											
17	6:50	24	19.5	20	W 0	0	13	SW 0,5	PN		12:10	24.5	19.5	26	E 0	SE 0	22	SW 0	PN	
18	11:30	24.5	19.5	27	E 0	NW 0	23	SW 0	PN											
19	12:15	24	20	26	W 0	SW 0	19	SW 0	L		6:25	24	20	24	W 0	N 0	14	SW 0	L	
20	6:40	23.5	18	21	E 0	E 0	13	E 0	L		14:30	24.5	28.5	27	E 0	SW 0	17	SW 0	L	
21	6:30	23.5	18	24	E 0	NE 0	18	SE 1~1,5	L											
22																				
23	6:25	23.5	20	21	W 0	NE 0	15	SE 1	L		12:30	24.5	20.5	27	E 0	SW 0	16	SW 0,5	L	
24	6:40	24	20	21	W 0	NE 0	15	SW 0	L											
25	6:40	24	20	28	W 0	E 0	9	E 0	L		12:50	24.5	20.5	32	E 0	SW 0	21	SW 0	L	
26	6:30	24.5	20.5	27	E 0	NE 0	9	SE 0,5~1	L		14:00	25	20.5	33	E 0	SW 0	19	SE 1	L	
27	6:30	23.5	19	23	E 0	N 0	13	SE 0	L		15:10	24.5	19	29	E 0,27	SW 1	21	SW 0	L	
28	6:30	23	18.5	22	E 0	N 0	14	SW 0	L											
29																				
30	6:40	23.5	18.5	22	W 0	SE 0	14	SE 0,5~1	L		12:00	23.5	19	28	W 0	SE 0	21	SE 0,5~1	L	
31	6:45	24	19	27	W 0	E 0	8	SE 0,5~1	N		11:25	24	19	30	W 0	SE 0	8	SE 2~2,5	N	

AVERAGE	24.1	19.5	23.6
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AVERAGE	25.0	20.8	28.8
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OCEANIC CONDITIONS 2010



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 2010

* 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	6:35	24	20	23	W 0,27	NW 1	10	SW 0,5	L											
3																				
4	7:00	24	21.5	25	W 0	SE 0	12	SE 0,5~1	L											
5	6:40	24.5	22	25	W 0,28	NE 0	9	SE 1~1,5	L											
6	6:50	24.5	22	26	W 0,30	N 0	9	SE 1	L	13:20	24.5	22	27	W 0	SW 1	13	SW 0,5	L		
7	7:30	24	21.5	25	W 0,27	SW 1	10	SW 0	L	12:00	24	21.5	27	W 0	SW 2	9	SW 0,5~1	PN		
8	7:30	21.5	19	21	E 0,27	NW 0	14	SW 0	L											
9	7:30	21	19	21	E 0	N 1	8	SW 0	L											
10	7:30	21	19	24	E 0,44	N 0	9	E 0	L											
11	7:00	21	19	21	E 0	N 0	12	SE 1,5~2	L											
12																				
13																				
14	7:00	24	22	24	W 0,26	N 0	10	SE 1~1,5	L	11:55	24	22	27	W 0,28	SE 0	12	SE 1	PN		
15	7:00	24	22	27	W 0,28	SE 0	9	SE 0,5	PN	12:50	24	22	29	W 0,27	SW 0~1	11	SE 0,5	N		
16	7:10	23.5	22	24	W 0,36	NE 0	9	SE 0,5	C	12:45	24	22	29	W 0,33	NE 0	13	SE 0	L		
17	7:10	24	22	25	W 0,27	N 0	8	SE 0,5	MN											
18	7:00	23.5	22	22	W 0,28	NE 0	11	SW 0,5	N											
19																				
20	7:15	23	20	24	E 0	NE 0	13	S 1~1,5	PN											
21	7:10	23	20	23	W 0	NE 0	14	SW 0	PN											
22	7:00	23	20	23	W 0	NE 0	16	SW 0	L											
23	7:00	23	20	21	W 0	N 0	10	SW 0	N	12:35	22.5	19.5	23	E 0,33	NW 0	15	SW 0	C		
24	7:30	22.5	19	21	E 0,40	NW 0~1	13	SW 0	PN	12:00	22.5	19	25	E 0,36	SE 0	16	SW 0	PN		
25	7:20	21.5	18.5	21	E 0,52	N 0	16	SW 0	PN											
26																				
27	7:00	18.5	17	20	E 0,35	NW 0	8	SW 0	L											
28	7:05	20	17	19	E 0	N 0	10	SW 0	L	12:15	20.5	17	25	E 0	SW 0	14	SW 0	L		
29	7:10	19	17	21	E 0,72	N 0	10	SW 0	L	11:20	19	17	24	E 0,85	SW 0	12	SW 0	L		
30	7:00	19	17	19	E 0,85	N 0	15	SW 0	L											

AVERAGE	22.4	19.9	22.7
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AVERAGE	22.8	20.2	26.2
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OCTOBER 2010

* 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	7:25	18.5	16	19	W 0,24	N 1	10	N 0,5	L											
2	7:20	19	17	20	E 0,38	N 0	13	SW 0	L											
3																				
4	7:20	15	15	17	E 0,33	SW 0	12	SW 0,5	L	12:20	16	15	22	E 0,41	N 0	13	SW 0,5~1	PN		
5																				
6	7:00	18	17	19	W 0,62	N 0	9	SW 0	L	12:30	18	17	24	W 0,40	S 0	10	SW 0	L		
7	6:50	18.5	17	19	W 0,29	N 0	8	SW 0,5	PN	11:35	18.5	17	22	W 0	SW 0~1	9	SW 0,5	N		
8																				
9																				
10																				
11	7:10	19	18	18	W 0,26	NE 0~1	5	SW 0,5	L	12:40	19	18	22	W 0,28	SW 0~1	6	SW 0,5	L		
12	7:15	19	18.5	19	W 0,45	NE 0	8	SW 0,5	PN											
13	7:25	19.5	18.5	18	W 0,39	NW 0	12	SW 0,5	L	12:00	19.5	18.5	21	W 0,27	SW 1	13	SW 0,5	L		
14	7:00	19	18	19	E 0	N 0	10	SW 0	L	12:15	19	18	23	E 0	SW 1	13	SW 0	L		
15	7:15	18.5	17.5	19	E 0,40	N 0	11	SW 0	L											
16	7:25	18	17	19	E 0,29	N 0	11	SW 0	L											
17																				
18	7:20	17.5	16.5	17	E 0	NE 1	7	E 0,5	L	11:50	17.5	16.5	20	E 0	E 1	8	SE 0,5	PN		
19	7:30	18	17	17	W 0,57	NE 0~1	11	SE 0	L											
20	7:35	18	17	18	W 0,33	NE 0	12	SE 0,5	L											
21	7:20	18.5	17	16	W,68	NE 1	11	SE 0	L											
22																				
23																				
24																				
25	7:15	18	18	19	W 0	N 0	10	SW 0	PN											
26	7:50	18.5	18	17	W 0,45	E 2	14	E 1,5~2	L											
27	7:50	19	18	16	0	E 0	14	E 0,5	L	13:00	19	18	21	W 0	E 1	16	E 0	L		
28	7:30	19	18	17	W 0	NE 0	14	SE 0,5	L											
29	7:35	19	18	17	E 0,33	S 0~1	12	S 0,5~1	N											
30	7:35	18.5	18	15	W 0	SW 1	10	SW 0,5~1	N											
31																				

AVERAGE	18.4	17.4	17.9
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AVERAGE	18.3	17.3	21.9
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OCEANIC CONDITIONS 2010



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NOVEMBER 2010

* 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	6:20	16.5	16	17	E 0	NE 0	7	E 0	L											
3	6:55	17	16	18	E 0,47	NE 0	9	SE 0	L											
4	7:00	17	16	17	E 0,27	SE 1	9	SE 0,5~1	L											
5																				
6																				
7																				
8	6:50	17	16	14	E 0,39	W 1	7	SW 0,5	N											
9																				
10	7:00	16.5	15.5	14	E 0,97	N 0	9	SW 0,5	L											
11	7:00	16.5	15.5	16	E 0,52	N 0	10	SW 0	L											
12	7:15	17	16	16	E 0,50	N 0	11	SW 0	L											
13	7:50	16.5	15	17	E 0,68	NE 0	9	SW 0	L											
14																				
15	6:50	15	15	12	W 0	N 0	9	SW 0,5	L											
16	7:45	15.5	15	14	E 0,29	N 0	9	SW 0	L											
17	9:30	15.5	15	16	E 0,52	SW	8	SW 1,5	N											
18																				
19																				
20																				
21																				
22																				
23	9:00	16	14	15	E 0,45	SW 0	10	SE 0	C											
24																				
25																				
26																				
27																				
28																				
29																				
30																				

AVERAGE	16.3	15.4	15.5
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AVERAGE			
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DECEMBER 2010

* 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	9:30	15.5	14.5	12	W 0,33	N 0~1	7	SW 0,5~1	L											
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13	8:30	15	14	16	W 0,49	SW 0	5	SW 0,5	N											
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				

AVERAGE	15.3	14.3	14.0
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AVERAGE			
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OCEANIC CONDITIONS 2010

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YEAR 2010

MONTHLY AVERAGE

MONTH	WATER TEMPERATURE		AIR TEMPERATURE	AVERAGE OBSERVATION TIME
	SURFACE	BOTTOM		
JAN	15.0	14.4	13.1	8:41
FEB	15.5	14.6	15.0	8:56
MAR	15.9	14.9	15.5	7:28
APR	17.7	16.6	17.5	7:14
MAY	16.9	15.9	17.2	6:36
JUN	18.1	16.4	18.6	6:27
JUL	21.8	18.0	21.9	6:39
AUG	24.1	19.5	23.6	6:59
SEP	22.4	19.9	22.7	7:07
OCT	18.4	17.4	17.9	7:22
NOV	16.3	15.4	15.5	7:26
DEC	15.3	14.3	14.0	9:00
YEARLY AVG.	18.1	16.4	17.7	7:29

