

# OCEANIC CONDITIONS 2021



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 2021

\* 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	8:15	12	10,5	11	E0,97	NE1	14	E1,5/2	N												
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					
16																					
17																					
18	8:39	16	14	10	E1,24	NE1	12	SW0,5	PN												
19	8:12	16	15	14	E0,97	E1	15	E1	N												
20																					
21																					
22																					
23																					
24																					
25																					
26																					
27																					
28																					
29																					
30																					
31																					

AVERAGE	14,7	13,2	11,7
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AVERAGE			
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## FEBRUARY 2021

\* 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	7:53	19	14	17	E1,7	SW1	6	SW1	N												
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					
16																					
17																					
18	8:13	14	13	15	W0,68	SW1	6	S0,5	N												
19	8:10	14,5	13	17	W0,68	SW1	5	SW0,5	N												
20																					
21																					
22	7:24	15	14	11,5	E0,45	NE1	8	SW0,5	N												
23																					
24																					
25																					
26																					
27																					
28																					
29																					

AVERAGE	15,6	13,5	15,1
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AVERAGE			
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# OCEANIC CONDITIONS 2021



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## MARCH 2021

\* 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	7:13	15	14	14	W0,91	NE1	7	SE0,5	N											
3	7:21	15,5	14	15	W0,45	E 1/2	7	E0,5	N											
4																				
5																				
6																				
7																				
8	7:22	15,5	14	13	E0	NW1	4	SW0	L											
9	7:10	15	14	12	E0,50	N1	11	SW0,5	L											
10	7:20	16	15	114	E0,97	NE1	14	SE0,5	L											
11	7:17	15,5	14	14,5	E1,36	NE1	11	SE0	L											
12																				
13																				
14																				
15	6:52	15,5	14	15	E1,24	E1	8	E0,5	PN											
16	6:50	15	14	15	W0,45	E1/2	8	SE1	PN											
17																				
18																				
19	6:50	15	14	13	W1,13	NE1	6	SE1/1,5	L											
20																				
21																				
22	6:52	15	14,5	13,5	E0,45	NE1	11	SE0,5	L											
23	6:48	15,5	14,5	13,5	E0,54	NE0	14	SW0	L											
24	7:00	15,5	15	14	E0,76	NW0/1	9	SW0	L											
25	6:59	16	15	14	E0,45	NE0	8	SW0	L											
26	7:15	15	14	14	E0,45	NE0	7	SW0	N											
27																				
28																				
29																				
30																				
31																				

AVERAGE	15,4	14,3	21,0
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AVERAGE			
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## APRIL 2021

\* 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	7:25	16,5	16	15	E0,45	E1	10	E1	N											
6	7:37	16,5	14,5	16	E0,80	E0	9	SE1	L											
7	7:24	17	16,5	18	E1,51	E0	9	SE0	N											
8																				
9																				
10																				
11																				
12	7:13	17	16	16	W0,54	NE0	10	SE0	N											
13																				
14																				
15																				
16	7:09	18	17	18	W0,54	SW1	9	S1	N											
17	7:08	17	15,5	17	E0,45	N0	11	SE0,5	L											
18																				
19	7:27	18	16	18	E0,39	N0	12	SW0	PN											
20	7:05	18	16	18	E0,47	NW0	11	SW0	PN											
21	7:17	17	16	17	E1,70	SW1	13	SW0	N											
22	7:25	16	15	17	E1,51	W1	10	SW0	N											
23	6:55	16,5	15	17,5	E1,13	SE1	7	SE0,5	N											
24																				
25																				
26	8:05	17	16	18	W0,91	SE1/2	9	S1/1,5	N											
27		17	16	18	W0,68	0	5	SW2,5	N											
28	6:40	18	17	17	W0,45	SW0	7	SW0,5	PN											
29	6:50	18	16	14	E0,27	NW0	12	SW0,5	N											
30																				

AVERAGE	17,2	15,9	17,0
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AVERAGE			
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# OCEANIC CONDITIONS 2021



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## MAY 2021

\* 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	6:53	16,5	15,5	17	E1,70	NE1	8	SE0	PN											
4	7:00	18	16	15	W0	NE0	9	SE2	L	14:00	17,5	16	21	W0,45	SW1	6	SE1/1,5	PN		
5	7:05	17	16	15	NO,45	N1	7	SE0,5	L	14:00	17	16	20	W0,45	SW1/2	6	SW0,5	L		
6	7:20	17	16	18	W0	NO	7	SW0,5	L	14:00	18	17	22	E0,45	SW1/2	9	SW0	L		
7	7:25	17	16	18	W0,29	NE0	11	SW0,5	L	14:05	18,5	16,5	24	E0,45	SW1	10	SW0	L		
8	7:39	17	16	18,5	W0,45	SE1	11	SW0	PN											
9																				
10	6:53	15	14	15	E0,68	NE0	10	SW0,5/1	N	14:15	17	16	23	E0,80	W2	8	SW1	L		
11	6:45	15	14	14	E1,13	N1	6	SW0,5	PN	14:15	17	16	20	E1,24	SW1	9	SW0,5	L		
12	6:46	14,5	14	16	E1,51	SW0	6	SW0,5	L	14:10	17	15	23	E1,70	W1	7	SW0,5	L		
13	6:48	17	16	15	E1,95	NE1	6	0	L	14:20	17	16	25	E1,70	W1	11	SW0,5	L		
14	6:41	16,5	15	17	E1,95	N1	7	0	L	13:40	17	16	25	NE1,95	SW1	9	SW0,5	L		
15	7:00	17	15	20	E0,97	NO	7	SW0,5	L											
16																				
17	7:05	17	14	20	E0,97	NO	12	SW0,5	L	13:59	17	16	23	E2,27	SW1/2	16	SW0	L		
18	7:00	16	15	21	NE0,76	NO	12	SW0,5	L	13:10	17	16	22	E1,70	SW1/2	15	SW0,5	L		
19	7:15	17	15	19	NE0,49	N1	10	SW0,5	L	14:04	18	16,5	24	E0,97	SW1-2	15	SW0,5	L		
20	7:15	17	15	20	E0	NE0	10	E0,5	L	13:56	18,5	16,5	25	E0,45	SE1	15	SE1-1,5	L		
21	7:20	17	16	20	W0,23	NE0	8	SE1	L	14:02	16	15	22	W0,54	SW1/2	7	SW0,5/1	L		
22	6:42	16	15	16	W0,54	NE1	11	SE0	PN											
23																				
24	7:00	16	14,5	16	E0,91	N1	15	SW0,5	L	14:00	16,5	15	15	21	NE1,36	SW1/2	12	SW0,5	L	
25	6:37	14	13	15	E0,68	NE1	7	NE0,5	PN	14:05	18	16	25	NE0,97	SW0	16	SW0,5	L		
26	6:25	16	15	19	NE0,91	0	14	E0,5	L	13:58	17	16	26	E1,24	W1	16	SE1/1,5	L		
27	6:22	16,5	15	18	E0,45	NE1	9	SE1/1,5	N	14:10	16	15	24	W0,33	E0	8	SE1/1,5	N		
28	6:17	16	14,5	17	W0,97	SE1	9	SE1	L	13:45	18	16	26	W0,28	SW0	9	SE0,5	L		
29	6:22	17,5	16,5	18	W0,50	E1	11	SE0,5/1	L											
30																				
31	6:30	18	17	21	W0,47	SW0	10	SE1	N	14:20	18	17	20	W0,62	W2	10	SW1	N		

AVERAGE	16,5	15,2	17,5
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AVERAGE	17,3	16,0	22,8
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## JUNE 2021

\* 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	6:35	18	17	21	W0,43	NW0	7	SW0,5	N	14:13	18	16,5	19	W0,54	SW2	13	SW0,5	PN		
2	6:36	17	16	17	W0,45	NE1	12	SW0,5	L	14:25	18	17	26	W0	SW1	12	SW0,5	L		
3																				
4	6:22	17	16	15	W0,45	NE1	13	E0,5	L	14:29	18	16,5	22	W0,45	SW1	16	SW0,5	PN		
5	6:25	17	16	20	NE0	SW0	10	SW0,5	L											
6																				
7	6:00	18	17	19,5	W0,54	SE1	12	SE0,5	L	11:15	18	17	25	W0,45	SE1	18	SE0,5	L		
8	6:00	19	17,5	20	W0,80	SE1	12	SE0,5/1	L	14:10	00:00	19	30	W0	SO	14	SE0,5	L		
9	6:06	19,5	18	20	W0,72	SE1	12	SE0,5/1	PN	14:15	21	18	28	W0	SW0	10	SE0,5	L		
10	6:06	19	18	21	W0,45	E1	11	SE0,5	L	14:05	20	18	28	W0	SW0	9	SW0,5	L		
11	5:56	19,5	18	20	W0,54	NE1	9	SW0,5	L	14:12	20	18	28	W0	SW1	9	SW0,5	L		
12	5:53	19	18	19	W0,68	W20	8	SE0,5/1	N											
13																				
14	6:07	20	17	20	E0	W0	11	SW0,5	L	14:23	20	18,5	23	E0,54	W1	10	SW0,5	L		
15	6:16	19	17	20	NE0,28	SW0	10	SW0,5	N	13:50	19	18	23	E0,8	SW1	9	SW0,5	N		
16	6:50	20	17	18	W0	SW0	10	SW0,5	N											
17	6:18	20	18	19	W0	SW0	10	SW0,5	N	14:18	19,5	18	21	E0,80	SW2	10	SW1	PN		
18	6:23	18	16	18	NE0	NW0	10	SW0,5	N	14:17	18	17	21	E1,24	SW2/3	12	SW5/2	PN		
19	6:11	17	16	17	NE0,54	SW1	10	SW0,5	L											
20																				
21	6:41	16	15	16	E1,70	W1	9	SW0,5	PN	14:10	18	15	23	E1,70	W1	9	SW0,5	N		
22	6:15	15,5	14	16	E1,70	NE1	10	SW0,5	L	13:40	18	15	24	E1,13	SW1	14	SW0,5	L		
23	6:14	15	14	17	E1,05	NE1	12	SW0,5	L											
24	6:09	17	16	19	E1,13	NE1	10	SW0,5	L											
25	5:50	18	17	19	E0,68	NE1	7	SE1/1,5	L	14:20	19	16	29	NE0,43	SE0	9	SE1,5	L		
26	6:14	18	16	22	W0,49	NE0	5	SE1/1,5	L											
27																				
28	7:00	19	16	20	W0,40	NE0	7	SW0,5	L	13:56	19	16	22	E0,45	SW1-2	5	SW0,5-1	L		
29	6:35	18	16	20	E0	NO	8	SW0,5	L	13:53	19	16,5	24	E1,13	SW1	9	SW0,5	L		
30	6:40	18	15	21	E0,50	NO	11	SW0,5	L											

AVERAGE	18,1	16,5	19,0
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AVERAGE	19,0	17,1	24,5
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# OCEANIC CONDITIONS 2021



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## JULY 2021

\* 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	7:00	18	15	19	NE0,80	E0	7	SW0,5	L		13:51	19,5	17	25	E1,70	SW1	7	SW0,5	L	
2	7:05	18	15	21	W0	NO	8	SW0,5	L		14:04	18,5	16	25	W0,30	SW1	7	SW0,5	L	
3	6:23	19	16	23	W0,45	SE0	11	SW0,5	L											
4																				
5	6:25	19	16	21	NE0,54	NE1	10	E0,5	L		13:55	20	16	26	E0,43	SW1	8	SW0,5	L	
6	6:23	16	14,5	19	NE1,13	SW0	6	0	L		13:55	18	15	26	E0,85	SW1	6	SW0,5	L	
7	6:23	14	13	16	E0,85	NE1	9	SW0,5	L		14:15	16	14	27	NE0,76	SW0	7	SW0,5	L	
8	6:29	15	14	17	E0,97	NE1	5	SW0,5	L		14:10	18	15	30	NE0,91	W0	6	SW0,5	L	
9	6:11	16	15	17	NE1,13	E1	4	SE0,5	L		14:10	18	15	27	NE0,91	SE0	7	SE1	L	
10	6:25	17	15	20	E1,24	SE1	5	SE2/2,5	PN											
11																				
12	6:25	20	18	23	W0,91	NE0	7	SW0,5	L		13:57	21	18,5	22	W0,8	SW1-2	9	SW0,5-1	L	
13	6:25	20	16	20	W0	N1	10	SW0,5	L		13:55	20	18	22	W0,59	SW2	9	SW1/1,5	L	
14	6:30	20	16	24	W0	W0	9	SW0,5	L		14:06	21	19	28	W0,59	SE1	12	SE0,5	L	
15	6:30	20	17	22	W0	N0	8	SE1	L		13:58	21	19	29	0	SE1	9	SE1	L	
16	6:30	20	19	22	W0,39	NE0	8	SE1/2	L		14:44	21	19	30	W1,51	SE1	9	SE2,5/3	L	
17	7:00	21	19	23	W0	N0	8	SE1,5	L											
18																				
19	6:27	20	19	21	W0	SW1	7	SW0,5	L		13:40	22	20	26	W0	SE0	10	SW0,5	L	
20	6:45	23	20	19	W0,91	NE1	12	SW0,5	L		13:50	23	19	26	W0,32	SW0	12	SW0,5	L	
21	6:32	23	20	21,5	W0	NE1	12	SW0,5	L		13:45	23	20	29	E0	SW0	10	SW0,5	L	
22	6:22	21	19,5	22	E0,54	N1	9	SW0,5	L		13:43	24	21	31	E0,62	SW0	12	SW0,5	L	
23	6:30	21	19	22	E0	NE1	9	0	PN		14:15	22	19	31	NE0	SW0	9	SW0,5	L	
24	6:14	22	19	20	W1,51	NE1	8	E0,5	L											
25																				
26	6:40	18	15	20	E0,49	NW0	9	SW0,5	N		13:54	19	18	24	E1,95	SW1/2	12	SW0,5	L	
27	7:00	18	19	20	NE0,33	E0	10	SW0,5	L		14:15	19	18	28	NE0,59	SW1	10	SE0,5	L	
28	6:50	19	17	22	SW0,44	NE0	9	E0,5	L		14:01	21	19,5	28	E0,54	SW1	10	SW0,5	L	
29	6:50	21	17	22	W0	SE0	10	SE0,5	L		13:46	21	18,5	22	W0	SW1	13	SE1	L	
30	7:00	21	18	21	SW0,43	N0	9	SE0,5	L		13:54	21	18	25	W0	SW1	8	SW0,5	L	
31	6:43	20	18	20	E0	NW1	8	SW0	L											
AVERAGE		19,3	17,0	20,6							AVERAGE	20,3	17,8	26,7						

## AUGUST 2021

\* 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	C																			
2	6:32	17	16	19	E1,51	0	10	SW0,5	PN											
3	6:28	17	16	19	NE1,95	SE1	7	SW0,5	L		14:00	18	16	27	NE1,70	SW0	10	SW0,5	L	
4	6:24	17,5	16	23	E1,95	NE1	6	SW0,5	L		13:57	19	16	25	NE1,70	SW0	9	SW0,5	L	
5	6:30	17	15	22	NE1,13	N0	8	SW0,5	L		13:50	18	15	29	NE1,70	SW1	9	SW0,5	L	
6	6:16	17	16	20	E1,51	NE1	7	0	L		14:40	18	16,5	23	NE1,70	SW1/2	7	SW0,5	L	
7	6:40	18	15	20	W0	NW0	5	SW0,5	L		14:50	19	15	27	E0,68	SW1	7	SW0,5	L	
8																				
9	6:27	17	16	19	E0	NE1	5	SW0,5	L											
10	6:30	17	15	20	NE0,43	NE0	6	SW0,5	L											
11	6:50	17	15	20	E0,54	0	6	SE0,5	L		13:51	18	16,5	25	E1,51	SW1	8	SW0,5	L	
12	7:10	18	15	20	W0,52	E0	6	SE0,5	N		13:45	18	16	25	NE0,59	SW1	6	SE0,5	L	
13	6:50	20	16	22	W0	0	5	SW0	N		13:59	20	15	26	W0,45	SE1	4	SE0,5	PN	
14	6:28	20	16	22	W0,76	NE0	6	SE0,5	PN		14:16	21	18	30	W0	SE0	5	SE0,5	PN	
15																				
16	7:05	21	17	24	SW0	N0	10	SW0,5	L											
17	7:04	22	18	21	W0,54	NE1	11	SW0,5	L		13:42	23	18	30	W0	SW1	12	SW0,5	L	
18	7:00	22	18	21	W0,54	E1	15	SE0,5	N		14:28	23	19	29	W0	S0	13	SW0,5	L	
19	6:58	22,5	18	21	SW0,62	NE1	12	SW0,5	L		14:25	23	20	30	SW0	S0	13	SE1	N	
20	7:07	22	18	21	W0	NE0	12	SW0,5	L											
21	6:48	21	18	23	W0,45	NE0	13	SW0,5	L		14:12	23	19	30	SW0	S0	10	SW0,5	L	
22																				
23	7:00	22	18	21	SW0	SW0	13	SW0,5	L											
24	7:00	21	19	21	SW0,54	0	14	SW1	N		14:20	22	18	30	W0	SW0	12	SW0,5	L	
25	7:00	21	18	20	SW0,49	SW0	12	SW0,5	N		14:18	23	19	26	SW0,32	SW1	13	SE1	PN	
26	7:54	20	17	20	NE0	N0	12	SW0,5	L		14:19	21,5	19	24	SW0,54	SW1/2	14	SW0,5/1	PN	
27	6:50	21	18	20	0	N0	10	SW0,5	L		14:25	22	18	25	E0	SW1	10	SW0,5	PN	
28	7:05	20	17	20	0	NW0	10	SW0,5	L		14:28	21	18	25	0	SW1/2	10	SW0,5	L	
29																				
30	7:00	16	14	18	NE0,59	NE0	10	SW0,5	L											
31	6:55	16	14	19	NE1,36	NE1	10	SW0,5	PN		14:23	17	16	26	NE0,68	SW1	12	SW0,5	L	
AVERAGE		19,2	16,5	20,6							AVERAGE	20,4	17,3	26,9						

# OCEANIC CONDITIONS 2021



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.

## SEPTEMBER 2021

\* 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	06:55	16,00	14,00	18,00	NE 1,13	N 0	10	SW 0,5	PN		14:12	18,00	15,00	24,00	E 0,85	SW 1	12	SW 0,5	N		
2	07:01	15,50	14,00	18,00	NE 0,97	0	12	SW 0	L		14:08	17,0	15,0	26,0	NE 0,62	SW 0	12	SW 0,5	L		
3	06:59	16,00	14,00	18,00	NE 0,54	N 1	9	SW 0,5	L		14:11	18,00	16,00	27,00	W 0	SW 0	6	SW 0,5	L		
4	06:44	17,00	15,00	19,00	W 0	N 0	7	SE 0,5	L												
5																					
6	09:00	20,00	18,00	24,00	SW 0,62	NW 0	14	SE 1/2	N												
7	07:28	21,00	19,00	20,00	W 0,72	SE 0	10	SE 1/1,5	N		14:10	21,50	18,00	21,00	NW 1,05	SW 1	6	SE 1/1,5	PN		
8	07:25	21,00	19,00	19,00	SW 0,57	W 0	6	SW 0,5	N		14:12	21,00	19,00	24,00	W 0,76	SW 2/3	6	SW 0,5/1	PN		
9	07:32	20,00	18,50	20,00	W 0	W 0	6	SW 0,5	L		14:13	21,00	19,00	24,00	W 0	SW 2/3	5	SW 0,5/1	PN		
10	07:23	20,00	18,00	21,00	W 0,54	0	8	SW 0,5	L		14:27	22,00	20,00	27,00	NE 0,57	SW 1	8	SW 0,5	L		
11	06:56	20,00	17,50	22,00	E 0,68	NE 0	14	SE 0	PN												
12																					
13	07:26	21,00	18,00	21,00	W 0	SE 1	11	S 1	N		11:58	21,00	19,00	26,00	SW 0,35	NE 0	10	E 1	N		
14																					
15	07:18	21,00	18,00	20,00	SW 0,91	SE 1	8	S 1/1,5	PN		14:15	22,00	20,00	25,00	SW 0,35	SW 0	11	SW 1/1,5	N		
16	07:31	22,00	19,00	21,00	SW 0,54	NE 1	10	SW 0,5	L		14:24	23,00	12,00	26,00	W 0	SW 0	9	SW 0,5	L		
17	07:28	22,00	20,00	22,00	W 0,54	N 1	11	SW 0,5	L		14:12	23,00	21,00	26,00	W 0	SW 0	16	SW 0,5	L		
18	07:58	22,00	20,00	20,00	W 0,33	N 1	15	SW 0,5	L												
19																					
20	08:30	22,00	20,00	20,00	SW 0	N 0	11	E 0,5	L		14:08	22,00	20,00	25,00	E 0	SW 1	12	SE 0,5	L		
21	07:25	21,00	19,00	19,00	SW 0	N 1	10	E 0,5	L		14:05	21,00	19,00	25,00	0	E 1	13	SE 0,5	L		
22	07:28	21,00	20,00	21,00	SW 0,35	N 0	14	SE 1/1,5	N		14:11	21,00	19,00	25,00	W 0,97	SE 1	15	SE 1/1,5	PN		
23	07:40	21,00	19,00	20,00	W 0,39	NE 2	10	SE 1,5/2	N		14:08	20,00	18,00	24,00	W 1,36	SE 2	15	SE 1,5/2	PN		
24	07:25	21,00	19,00	19,00	SW 0,5	SW 1	15	SW 0,5	N		12:09	21,00	19,00	23,00	W 0,5	SW 1	15	SW 0,5	PN		
25	07:29	21,00	20,00	23,00	W 0,38	SW 1	16	SW 0,5/1	PN												
26	07:01	21,00	19,00	19,00	W 0,54	N 1	10	SW 0,5	PN												
27	07:34	21,00	19,00	20,00	W 0	N 1	8	SW 0,5	L		11:45	22,00	20,00	22,00	NE 0,3	SW 0	8	E 0,5	L		
28	07:27	20,00	19,00	20,00	E 0,45	N 1/2	7	N 0,5	L		14:27	22,00	20,00	28,00	NE 0,65	S 1	12	SW 0,5	L		
29	07:23	20,00	18,50	16,00	NE 0,68	NE 1	11	SW 0,5	L		14:16	21,00	20,00	26,00	NE 0,48	E 0	20	E 0,5	L		
30	07:32	21,00	18,50	21,00	NE 0,45	NE 0	15	SW 0,5	L		14:21	21,00	19,00	28,00	NE 0,72	NE 0	17	SE 1	L		

AVERAGE	20,2	18,2	20,0
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AVERAGE	20,9	18,4	25,1
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## OCTOBER 2021

\* 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	07:36	19,00	17,00	19,00	E 0,45	NE 1	8	SE 1/1,5	L		14:26	20,00	18,00	26,00	E 0	SW 0	7	SE 0,5	L		
2	07:28	20,00	16,00	20,00	E 0	NE 0	9	SW 0,5	PN												
3																					
4	07:54	19,00	17,00	15,00	NE 0	N 1	9	SW 0,5	N		14:20	19,00	17,00	24,00	NE 0	NE 1	8	0	L		
5																					
6	07:55	18,50	15,00	20,00	E 0	N 1	10	SW 0,5	N		14:20	19,00	15,00	24,00	NE 0,76	SE 1	10	SE 0,5	L		
7	08:00	18,00	15,00	19,00	NE 0,39	N 0	10	SE 0,75	L		14:20	19,00	15,00	23,00	NE 1,51	SE 0	12	SE 1/1,5	L		
8	07:26	19,00	15,00	20,00	E 0	SE 0	8	SE 0,5/1	L		14:17	19,50	15,00	25,00	W 0,45	SE 0	10	SE 0,5	L		
9	07:36	19,00	16,00	18,00	SW 0,49	E 0	11	SE 0,5	L												
10	07:30	19,00	15,00	19,00	W 0,45	NE 1	11	SE 0,5/1	L												
11																					
12																					
13	07:24	20,00	16,50	19,00	W 1,05	NE 0	7	SE 1/1,5	N												
14	07:36	20,50	18,00	20,00	SW 0,72	E 1	5	SE 0,5/1	L		14:28	20,00	18,00	24,00	W 1,05	E 0	9	SE 2/2,5	L		
15	07:22	21,00	19,50	19,00	SW 0,76	NE 1	8	SE 1,5/2	L		14:13	20,50	19,00	25,00	SW 0,49	S 0	9	SE 1/1,5	L		
16	07:52	21,00	20,00	19,00	SW 0,54	SW 1	12	SW 0,5	L												
17																					
18	08:11	20,00	19,00	18,00	W 0,39	NE 0	14	SW 0,5	L		14:06	21,00	19,00	21,00	W 0,54	SE 0	20	SW 0,5	L		
19																					
20	11:30	21,00	19,00	24,00	W 1,51	SE 1	14	SE 1,5/2	L												
21	08:48	21,00	19,50	21,00	0	N 1	12	SE 0,5	L												
22	06:54	20,00	19,00	16,00	E 0,54	N 1	11	SE 0,5	L												
23	07:19	21,00	19,50	18,00	E 0,45	NE 1	10	SW 0,5	L												
24	07:34	20,00	19,00	18,00	E 0,45	NE 1	17	SE 1/1,5	L												
25	07:49	19,00	17,00	18,00	NE 0	NE 0	17	SE 0,5/1	L												
26	07:43	19,00	17,00	18,00	NE 0	NE 1	14	SE 0,5/1	L												
27	07:22	20,00	17,00	17,00	E 0	NE 1	17	SE 1/1,5	L												
28	07:54	18,00	17,00	18,00	SW 0	N 0	17	SE 1/2	L												
29																					
30																					
31																					

AVERAGE	19,7	17,4	18,8
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AVERAGE	19,8	17,0	24,0
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# OCEANIC CONDITIONS 2021



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 2021

\* 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	08:15	16,00	15,00	21,00	NE0	NE1	6	SW 0,5	N											
3																				
4	07:43	15,00	14,00	15,00	E0,49	NW1	6	SW 0	L											
5	08:00	15,00	14,00	12,00	E0,91	NE 1/2	6	NE 0,5	L											
6																				
7																				
8																				
9																				
10																				
11	07:50	15,00	14,00	14,00	W0,54	N0	6	SE0	PN											
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23	07:51	17,00	13,00	13,00	E0	NW1	5	SW 0,5	L											
24	08:08	16,00	13,00	12,00	E0,91	NW1	9	SW 0,5	PN											
25	07:32	16,00	13,00	12,00	E0,91	NW1	8	SW 0,5	L											
26	07:42	17,00	14,00	10,00	E0,80	NE1	7	0	L											
27																				
28																				
29																				
30																				

AVERAGE	15,9	13,8	13,6
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AVERAGE			
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## DECEMBER 2021

\* 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	08:00	15,50	14,00	10,00	E0,45	NE1	8	SE0	L											
8																				
9	07:55	14,00	13,00	12,00	E1,13	SW1	10	SW 0,5	L											
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23	08:51	16,00	14,50	17,00	W0,59	SW1	9	SW 1/1,5	N											
24																				
25																				
26																				
27																				
28	09:00	17,00	16,00	20,00	E0	S0	15	SW1	N											
29																				
30																				
31																				

AVERAGE	15,6	14,4	14,8
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AVERAGE			
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## OCEANIC CONDITIONS 2021

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 2021

#### MONTHLY AVERAGE

MONTH	WATER TEMPERATURE		AIR TEMPERATURE	AVERAGE OBSERVATION TIME
	SURFACE	BOTTOM		
JAN	14,7	13,2	11,7	8:22
FEB	15,6	13,5	15,1	7:55
MAR	15,4	14,3	21,0	7:04
APR	17,2	15,9	17,0	7:15
MAY	16,5	15,2	17,5	6:53
JUN	18,1	16,5	19,0	6:18
JUL	19,3	17,0	20,6	6:35
AUG	19,2	16,5	20,6	6:50
SEP	20,2	18,2	20,0	7:27
OCT	19,7	17,4	18,8	7:51
NOV	15,9	13,8	13,6	7:52
DEC	15,6	14,4	14,8	8:26
YEARLY AVG.	17,3	15,5	17,5	7:24

