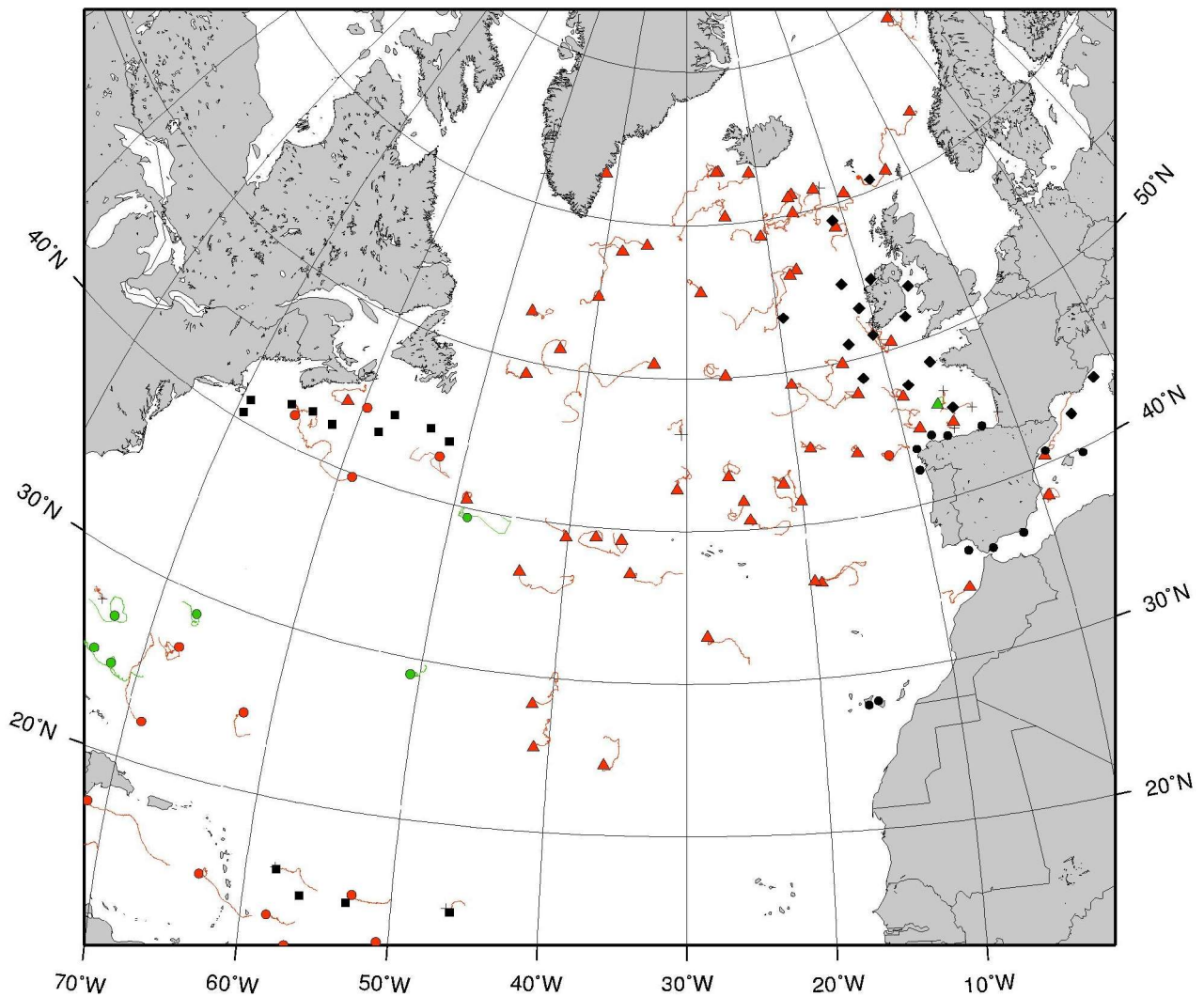


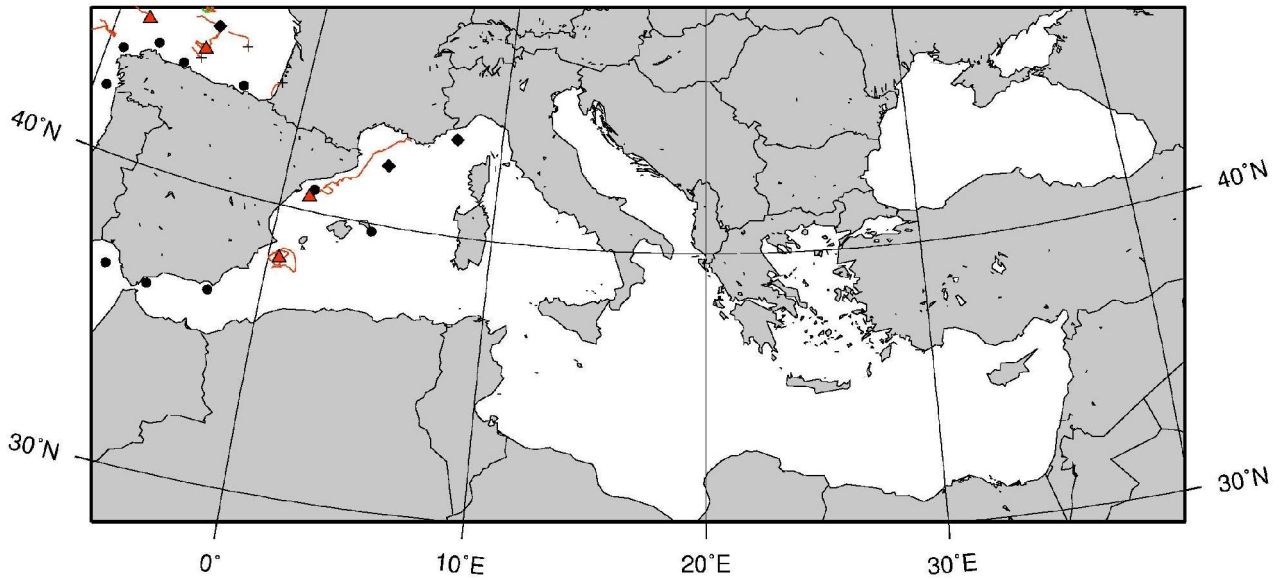
## DATA BUOYS MONTHLY REPORT

December 2005



December 2005 - Operating data buoys in the North Atlantic  
Drifting buoy trajectories and moored buoy positions

**E-SURFMAR DB Monthly Report  
December 2005**



December 2005 - Operating data buoys in the Mediterranean Sea  
Drifting buoy trajectories and moored buoy positions

**E-SURFMAR DB Monthly Report  
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**DRIFTING BUOYS**  
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**Drifting buoys - New deployments**

WMO	Argos	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
44745	42650	MSB	FR	20051215	39.8	-36.1	Brest	
44746	52185	TSB	FR	20051218	41.3	-49.1	Brest	
44747	52188	TSB	FR	20051217	40.2	-41.9	Brest	
62571	52196	MSW	FR	20051206	45.7	-6.1	Brest	
62572	42646	MSB	FR	20051209	44.3	-14.4	Brest	

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**Operating drifting buoys by the end of the month**

WMO	Argos	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
13534	52187	TSB	FR	744	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	28.24	-41.46	416
44549	42794	TSB	FR	1387	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	63.37	3.80	551
44607	52190	TSB	FR	1107	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	37.12	-34.67	389
44609	52192	TSB	FR	755	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	47.75	-13.34	328
44611	52178	MSB	FR	734	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	60.10	-16.18	326
44612	21124	MSB	UK	838	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	60.83	-2.79	782
44615	52183	MSB	FR	741	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	42.70	-30.85	324
44722	52258	MSB	UK	727	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	49.12	-19.61	439
44723	52259	MSB	UK	744	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	58.58	-34.98	441
44725	21183	MSB	UK	743	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	54.93	-40.06	381
44727	52245	MSB	UK	740	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	41.85	-25.04	325
44728	52244	MSB	UK	737	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	50.09	-26.16	325
44729	52247	MSB	UK	745	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	43.97	-61.45	287
44730	52255	MSB	UK	740	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	58.04	-37.97	48
44742	52180	MSB	FR	738	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	53.21	-46.97	47
44743	21046	MSB	EU	797	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	34.25	-7.59	838
44745	42650	MSB	FR	375	-	-	X	X	X	-	-	X	-	-	-	T	1612-3112	39.27	-35.53	17
44746	52185	TSB	FR	375	-	-	X	X	X	-	-	X	-	-	-	T	1912-3112	40.52	-49.05	14
44747	52188	TSB	FR	302	-	-	X	X	X	-	-	X	-	-	-	T	1912-3112	39.16	-40.19	15
44760	52177	MSB	FR	734	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	49.17	-46.17	103
44761	52181	MSB	FR	737	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	51.17	-43.24	103
44775	9308	CFB	DE	1585	-	X	X	X	X	-	-	-	-	-	-	T	0112-3112	69.11	9.12	447
44831	55307	TSB	UP	738	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	56.40	-17.12	198
44832	55308	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	56.16	-17.98	197
44842	55303	TSB	UP	739	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	60.45	-9.11	250
44843	55305	TSB	UP	756	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	63.41	-25.52	250
44844	55306	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	61.27	-15.89	252
44845	55311	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	50.89	-33.44	253
44846	55313	TSB	UP	729	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	44.88	-18.66	255
44847	55315	TSB	UP	734	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	40.59	-24.57	256
44848	55316	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	39.35	-37.73	255
44850	55318	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	41.58	-20.05	161
44901	55321	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	36.60	-43.65	160
61501	42652	MSB	FR	724	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	40.49	1.28	264
61503	42647	MSB	FR	733	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	38.19	0.51	87
62510	52189	TSB	FR	789	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	33.08	-28.43	417
62511	52195	MSW	FR	714	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	44.71	-8.47	402
62514	54745	MSB	NL	705	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	62.94	-41.61	329
62515	34408	TSB	FR	746	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	44.42	-5.34	182
62556	42790	TSB	FR	743	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	25.43	-41.13	628
62557	42791	TSB	FR	744	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	24.58	-35.99	628
62560	37396	MSB	FR	1205	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	43.48	-26.29	552
62562	37400	MSB	FR	798	-	-	X	X	X	-	-	S	-	-	-	T	0112-3112	49.90	-14.22	558
62564	42649	MSB	FR	745	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	36.15	-19.12	554
62567	52248	MSB	UK	720	-	-	X	X	X	-	-	-	-	-	-	T	0112-3112	36.29	-19.65	290
62568	52249	MSB	UK	741	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	58.54	-11.31	127
62569	52250	MSB	UK	738	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	55.59	-28.46	125
62570	52251	MSB	UK	747	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	60.44	-25.05	123
62571	52196	MSW	FR	531	X	-	X	X	X	-	-	X	-	-	-	T	0712-3112	45.78	-6.31	26
62572	42646	MSB	FR	470	-	-	X	X	X	-	-	X	-	-	-	T	1212-3112	44.05	-14.50	23
62934	55314	TSB	UP	739	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	46.88	-9.19	253
62935	55319	TSB	UP	980	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	42.78	-21.47	152
62936	55320	TSB	UP	737	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	50.46	-8.88	163
64612	54744	MSB	NL	744	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	61.09	-16.39	357
64613	52254	MSB	UK	741	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	63.40	-25.83	105
64614	52184	MSB	FR	736	-	-	X	X	X	-	-	X	-	-	-	T	0112-3112	63.13	-21.11	50
64929	55309	TSB	UP	734	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	61.24	-12.77	196

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**Drifting buoys which ceased to be operational**

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44550	52193	TSB	FR	20051231	52.0	-10.2	413	Picked up ?
44849	55317	TSB	UP	20051219	39.9	-44.5	163	Doubtful Air Pressure values
62566	42658	MSW	FR	20051219	61.2	-12.0	559	Faded
64609	52257	MSB	UK	20051221	62.0	-49.7	432	Faded (in a Greenland Fjord)

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**Non-operating drifting buoys reporting GTS data**

WMO	Argos	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
44601	52194	TSB	FR	755	-	-	-	-	X	-	-	-	-	-	-	T	0112-3112	54.78	-9.90	412
44616	21092	MSB	UK	817	-	-	-	-	X	-	-	X	-	-	-	T	0112-3112	58.95	-20.71	755
44744	34411	TSB	FR	944	-	-	-	-	X	-	-	-	-	-	-	T	0112-3112	32.77	-17.97	866
44849	55317	TSB	UP	853	-	-	-	-	X	-	-	X	-	-	-	L	0112-3112	39.90	-44.51	163

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**Other operating drifting buoys into the EUCOS area of interest by the end of the month**

WMO	Argos	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
41501	34809	NAVO		746	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	14.88	-63.06
41502	34810	NAVO		736	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	13.23	-58.25
41533	34819	NAVO		616	-	-	X	X	X	-	-	X	-	-	-	L	0512-3112	11.85	-45.31
41535	34820	NAVO		613	-	-	X	X	X	-	-	X	-	-	-	L	0612-3112	12.25	-50.80
41536	40455	NAVO		860	-	-	X	X	X	-	-	X	-	-	-	L	0812-3112	11.53	-56.86
41537	40456	NAVO		720	-	-	X	X	X	-	-	X	-	-	-	L	0812-3112	10.89	-52.49
41543	47580	NAVO		724	X	-	X	X	X	-	-	X	-	-	-	L	0112-3112	29.01	-50.69
41544	47581	NAVO		1045	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	26.77	-67.70
41545	47582	NAVO		728	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	24.43	-62.06
41625	56019	NAVO		439	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	22.20	-68.89
41645	56023	NAVO		1013	X	-	X	X	X	-	-	X	-	-	-	L	0112-3112	28.84	-67.14
41667	34817	NAVO		1671	-	-	X	X	X	-	-	X	-	-	-	L	0312-3112	14.98	-52.66
41931	49577	GDC		350	X	-	S	-	X	-	-	X	-	-	-	L	0912-3112	39.42	-48.68
44635	09238	EC		275	-	-	X	X	X	-	-	-	-	-	-	O	0112-3112	42.72	-52.16
44636	36362	EC		318	-	-	X	X	X	-	-	-	-	-	-	O	0112-3112	44.09	-59.64
44637	36363	EC		385	-	-	X	X	X	-	-	-	-	-	-	O	0112-3112	41.82	-65.30
44903	36256	GDC		735	-	-	X	X	X	-	-	X	-	-	-	L	0112-3112	39.80	-58.89
61815	59734	NPS		155	-	-	X	-	X	-	-	X	-	-	-	L	1512-3112	35.30	16.65
61816	59735	NPS		170	-	-	X	-	X	-	-	X	-	-	-	L	1612-3112	36.82	11.95
61817	59736	NPS		147	-	-	X	-	X	-	-	X	-	-	-	L	1512-3112	35.16	15.90
61818	59737	NPS		167	-	-	X	-	X	-	-	X	-	-	-	L	1512-3112	35.66	12.13
61819	59738	NPS		196	-	-	X	-	X	-	-	X	-	-	-	L	1512-3112	36.34	15.43
61820	59739	NPS		147	-	-	X	-	X	-	-	X	-	-	-	L	1512-3112	35.45	15.88
62504	57963	CMM		745	-	-	X	X	-	-	-	-	-	-	-	T	0112-3112	43.50	-11.72
62909	56364	GDC		322	-	-	X	-	-	-	-	-	-	-	X	L	0112-3112	45.96	-9.71

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**Operating EGOS moored buoys (K-pattern)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
61001	Cote d'Azur	739	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	43.40	7.80
<b>61002</b>	<b>Lion</b>	<b>733</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>-</b>	<b>X</b>	<b>-</b>	<b>O</b>	<b>0112-3112</b>	<b>42.10</b>	<b>4.70</b>
62001	Gascogne	722	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	45.30	-5.00
62029	K1	741	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	48.70	-12.50
62052	Ushant	730	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	48.50	-5.80
62081	K2	743	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	51.00	-13.20
<b>62090</b>	<b>M1</b>	<b>737</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>-</b>	<b>X</b>	<b>-</b>	<b>O</b>	<b>0112-3112</b>	<b>53.10</b>	<b>-11.20</b>
62091	M2	740	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	53.50	-5.40
62092	M3	740	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	51.20	-10.50
62093	M4	741	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	54.70	-9.10
62094	M5	740	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	51.70	-6.70
62105	K4	740	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	54.90	-12.40
62108	K3	740	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	53.50	-19.50
62163	Brittany	740	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	47.50	-8.40
<b>64045</b>	<b>K5</b>	<b>740</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>-</b>	<b>X</b>	<b>-</b>	<b>O</b>	<b>0112-3112</b>	<b>59.00</b>	<b>-11.40</b>
64046	K7	740	X	X	X	X	X	X	X	-	-	X	-	O	0112-3112	60.70	-5.20

Comments:

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- EUCOS moored buoys are presented in bold characters.

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**Operating EGOS moored buoys (Seawatch and Wavescans)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
13130	Gran Canaria		X	X	X	-	X	X	X	-	-	-	X	O		28.18	-15.82
13131	Tenerife Sur		X	X	X	-	X	X	X	-	-	-	-	O		28.00	-16.58
61196	C. Begur		-	-	-	-	-	-	-	-	-	-	-	-		41.92	3.65
61197	Mahon		X	X	X	-	-	X	X	-	-	-	-	O		39.72	4.42
61198	C. de Gata		X	X	X	-	X	X	X	-	-	-	X	O		36.57	-2.33
61199	M. Alboran		X	X	X	-	X	X	X	-	-	-	X	O		36.23	-5.03
61280	Tarragona		-	X	X	-	X	X	X	-	-	-	X	O		40.77	1.47
61281	Valencia		-	-	-	-	-	-	-	-	-	-	-	-		39.47	-0.27
62024	Bilbao-Visc.		X	X	X	-	-	X	X	-	-	-	-	O		43.63	-3.03
62025	C. de Penas		X	X	X	-	X	X	X	-	-	-	X	O		43.73	-6.17
62082	E. de Bares		-	X	X	-	X	X	X	-	-	-	X	O		44.07	-7.62
62083	Villano-Sis.		-	X	X	-	X	X	X	-	-	-	X	O		43.48	-9.22
<b>62084</b>	<b>C. Silleiro</b>		<b>X</b>	<b>X</b>	<b>X</b>	-	<b>X</b>	<b>X</b>	<b>X</b>	-	-	-	<b>X</b>	<b>O</b>		<b>42.12</b>	<b>-9.40</b>
62085	G. de Cadiz		X	X	X	-	X	X	X	-	-	-	X	O		36.48	-6.97

Comments:

- GTS BUFR data monitoring tools are not yet available. This explains why the number reports and the observation period are missing.
- The snapshot for Seawatch and Wavescan buoys is dated 3 January 2006
- The EUCOS buoy is presented in bold characters.

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**Other moored buoys into the EUCOS area of interest**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
41040	West Atlantic	702	X	X	X	X	X	X	-	-	-	X	-	O	0112-3112	14.50	-53.00
41041	Mid. Atlantic	733	X	X	X	X	X	X	-	-	-	X	-	O	0112-3112	14.50	-46.00
41100	E Guadeloupe	726	-	X	X	X	X	X	X	-	-	X	-	O	0112-3112	15.90	-57.90
41101	E Martinique	741	X	X	X	X	X	-	-	-	-	X	-	O	0112-3112	14.60	-56.20
44008	A Nantucket	739	X	X	X	X	X	X	-	-	-	X	-	O	0112-3112	40.50	-69.40
44011	D Georges Bk		-	-	-	-	-	-	-	-	-	-	-	-		41.10	-66.60
44018	SE Cape Cod	731	X	X	X	X	X	X	-	-	-	X	-	O	0112-3112	41.30	-69.30
44024	NNE Channel	654	S	S	S	S	S	S	-	-	-	-	-	-	0112-2912	42.30	-65.90
44137	E Scotia Sl.	739	X	X	X	X	X	X	-	-	-	-	-	O	0112-3112	42.30	-62.00
44138	SW Gd Banks	742	X	X	X	X	X	X	-	-	-	-	-	O	0112-3112	44.30	-53.60
44139	Beanquereau	742	X	X	X	X	X	X	-	-	-	-	-	O	0112-3112	44.30	-57.10
44140	Tail of Bk	742	X	X	X	X	X	X	-	-	-	-	-	O	0112-3112	43.80	-51.70
44141	Larentian F	739	X	X	X	X	X	X	-	-	-	-	-	O	0112-3112	43.00	-58.00
44142	La Have Bk	738	X	X	X	X	X	X	-	-	-	-	-	O	0112-3112	42.50	-64.00

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**Meaning of columns**  
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WMO : WMO id.  
Argos : Argos id.  
Typ : Buoy type  
    - first character : Manufacturer (C = ConMar , M = Metocean, T = Technocean,  
  Y = Marlin-Yug...)  
    - second character : Main type (F = FGGE, S = SVP)  
    - third character : Sub type (B = barometer buoy, W = Wind buoy,  
  S = Salinity buoy)  
Ow : Buoy owner (country code or EU for EUCOS)  
Owner : Buoy owner for non EUCOS buoys  
Nobs : number of GTS reports received at Meteo-France  
Parameters (X = OK, S = stopped, - = not measured) :  
    Wi : Wind  
    AT : Air Temperature  
    AP : Air Pressure  
    dP : Air pressure tendancy  
    ST : Sea surface Temperature  
    Wa : Wave period and height  
    Ws : Wave spectra  
    Dr : Drogue presence  
    Sb : Subsurface temperature  
    U : Relative humidity  
    SS : Sea surface Salinity  
O : Origin of the reports (T = Argos Toulouse, L = Argos Largo, O = Other)  
Start\_end : first and last dates of the month for which GTS data were received at Meteo-France  
Lat : Latitude of the latest position  
Lon : Longitude of the latest position  
Age : Age of the buoy (days)  
  
DepDate : Date of deployment  
DepLat : Latitude of deployment  
Dep Lon : Longitude of Deployment  
From : Harbour of departure

**Definition : An operating drifting buoy is a buoy providing at least air pressure or wind (direction and velocity) data.**

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## Buoy-QC statistics from Meteo-France model outputs

*Date of end* : Date of the last value received on GTS  
*Nb received* : Total number of values received on GTS  
*Number GE* : Number of Gross Errors (excluded from bias and sd computations)  
*Mean bias* : Mean differences between observation values and co-located model output values  
*Std deviation* : Standard deviation of differences  
*Mean rate* : For wind speed values, average of 'obs/model' rates. Should be close to 1.  
*Error* : For wind speed values, run mean square of differences 'obs/rate - model'.

### Air Pressure (hPa), drifting buoys, December 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051231	13534	52187	736	0	-0.4	0.7
20051231	44549	42794	1177	9	0.1	1.2
20051231	44550	52193	620	0	0.0	0.8
20051231	44607	52190	1086	0	-0.1	0.8
20051231	44609	52192	613	0	0.3	1.0
20051231	44611	52178	723	0	-0.4	1.4
20051231	44612	21124	675	0	0.2	1.2
20051231	44615	52183	727	0	-0.1	0.9
20051231	44722	52258	707	0	-0.3	0.7
20051231	44723	52259	733	1	-0.1	1.4
20051231	44725	21183	729	1	0.4	1.6
20051231	44727	52245	733	0	0.0	0.7
20051231	44728	52244	720	0	0.1	1.3
20051231	44729	52247	734	2	-0.6	1.5
20051231	44730	52255	732	2	-0.2	1.4
20051231	44742	52180	723	0	-0.4	1.6
20051231	44743	21046	675	0	0.4	0.6
20051231	44745	42650	365	0	0.2	0.8
20051231	44746	52185	372	1	0.5	1.7
20051231	44747	52188	291	0	0.0	1.1
20051231	44760	52177	716	2	0.2	1.5
20051231	44761	52181	722	6	0.0	1.6
20051231	44775	09308	1363	3	-0.1	1.2
20051231	44831	55307	636	0	-0.3	1.3
20051231	44832	55308	646	0	-0.3	1.4
20051231	44842	55303	639	0	-0.5	1.3
20051231	44843	55305	658	0	-0.2	1.6
20051231	44844	55306	639	0	-0.1	1.5
20051231	44845	55311	635	2	0.0	1.5
20051231	44846	55313	638	1	0.0	0.8
20051231	44847	55315	642	0	0.0	0.8
20051231	44848	55316	644	0	0.1	0.9
<b>20051219</b>	<b>44849</b>	<b>55317</b>	382	3	-0.3	<b>2.7</b>
20051231	44850	55318	641	0	-0.2	0.7
20051231	44901	55321	637	4	0.1	1.2
20051231	61501	42652	700	1	0.5	0.9
20051231	61503	42647	714	2	0.3	0.7
20051231	62510	52189	778	0	-0.2	0.8
20051231	62511	52195	702	2	0.7	0.8
20051231	62514	54745	691	0	0.4	1.3
20051231	62515	34408	733	1	-0.2	0.8
20051231	62556	42790	733	0	-0.2	0.9
20051231	62557	42791	738	0	-0.3	0.9
20051231	62560	37396	1067	1	0.1	0.7
20051231	62562	37400	672	0	0.5	0.8
20051231	62564	42649	731	0	0.7	0.6
20051218	62566	42658	316	3	-0.2	1.3
20051231	62567	52248	713	0	-0.5	0.6
20051231	62568	52249	720	1	0.5	1.2
20051231	62569	52250	726	0	0.3	1.5
20051231	<b>62570</b>	<b>52251</b>	732	<b>14</b>	-0.3	1.8
20051231	62571	52196	521	0	0.2	0.7
20051231	62572	42646	458	0	0.1	0.7
20051231	62934	55314	627	0	0.2	0.9
20051231	62935	55319	853	0	-0.2	0.7
20051231	62936	55320	644	0	0.2	0.9
20051221	<b>64609</b>	<b>52257</b>	494	<b>42</b>	-0.5	1.4
20051231	64612	54744	737	0	-0.7	1.4
20051231	64613	52254	728	0	0.1	1.4
20051231	64614	52184	730	0	0.2	1.3
20051231	64929	55309	640	0	0.0	1.4

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**Air Pressure (hPa), moored buoys, December 2005**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051231	61001		739	0	-0.6	0.9
20051231	61002		733	0	0.0	0.8
20051231	62001		722	0	-0.1	0.8
20051231	62029		740	0	0.1	0.9
20051231	62052		729	1	0.1	1.0
20051231	62081		739	9	-0.1	0.9
20051231	62090		736	0	0.0	0.9
20051231	62091		740	0	-0.3	1.0
20051231	62092		740	0	0.2	1.0
20051231	62093		740	0	-0.1	1.2
20051231	62094		740	0	0.0	0.9
20051231	62105		740	2	-0.4	1.1
20051231	62108		740	0	0.0	1.2
20051231	62163		740	0	0.0	0.8
20051231	64045		740	0	-0.3	1.2
20051231	64046		740	5	0.2	1.3

**Air Temperature (C), drifting buoys, December 2005**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051231	44775	09308	1280	0	0.4	0.9

**Air Temperature (C), moored buoys, December 2005**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051231	61001		739	0	0.5	1.0
20051231	61002		733	0	0.8	0.8
20051231	62001		721	0	0.0	0.7
20051231	62029		739	1	-0.3	0.6
20051231	62052		729	0	0.3	0.7
20051231	62081		735	4	0.1	1.2
20051231	62090		737	0	-0.1	0.5
20051231	62091		740	0	1.4	0.9
20051231	62092		740	0	0.0	0.6
20051231	62093		740	0	0.8	0.7
20051231	62094		740	0	1.2	0.7
20051231	62105		741	1	-0.2	0.6
20051231	62108		737	0	-0.2	0.8
20051231	62163		740	0	-0.2	0.6
20051231	64045		735	0	0.3	0.7
20051231	64046		739	1	-0.2	0.7

**Wind direction (deg.), drifting buoys, December 2005**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051231	62571	52196	450	6	0.	24.

**Wind direction (deg.), moored buoys, December 2005**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051231	<b>61001</b>		739	<b>121</b>	-2.	37.
20051231	61002		733	25	-4.	20.
20051231	62001		722	3	1.	17.
20051231	62029		738	0	3.	15.
20051231	62052		730	6	3.	19.
20051231	62081		725	10	3.	17.
20051231	62090		737	6	1.	18.
20051231	62091		739	15	1.	20.
20051231	62092		740	9	2.	17.
20051231	62093		741	8	-8.	22.
20051231	62094		740	8	3.	19.
20051231	62105		741	6	0.	18.
20051231	62108		735	7	-1.	18.
20051231	62163		739	6	6.	17.
20051231	64045		732	3	1.	20.
20051231	64046		734	8	2.	17.



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### Wind speed rate, drifting buoys, December 2005

Datend	WMO	Argos	Recvd	GE	Rate	Err
20051231	62571	52196	450	0	1.4	1.6

### Wind speed rate, moored buoys, December 2005

Datend	WMO	Argos	Recvd	GE	Rate	Err
20051231	<b>61001</b>		739	0	<b>2.1</b>	2.5
20051231	61002		733	0	1.3	2.0
20051231	62001		722	0	1.1	1.5
20051231	62029		738	0	1.1	1.7
20051231	62052		730	0	1.1	1.7
20051231	62081		735	5	1.0	1.9
20051231	62090		737	1	0.9	1.9
20051231	62091		740	0	1.4	1.6
20051231	62092		740	0	1.1	1.9
20051231	62093		741	0	1.4	2.3
20051231	62094		740	0	1.4	1.5
20051231	62105		741	1	1.0	1.8
20051231	62108		740	0	1.0	1.7
20051231	<b>62163</b>		739	0	0.8	<b>4.7</b>
20051231	64045		738	0	1.1	2.6
20051231	64046		740	0	1.1	2.1

### Comments on QC statistics :

#### Air Pressure

1. Technocean SVP-B drifter 55317 (WMO **44849**) reported a few unreliable AP data before the GTS transmission was stopped for this parameter on December 19<sup>th</sup>. Lifetime for air pressure: 163 days.
2. It seems that Metocean SVP-B drifter 52251 (WMO **62570**) reported 14 gross errors in December. The quality of the data was fine by the end of the month.
3. Metocean SVP-B drifter 52257 (WMO **64609**) reported a few wrong values before it stopped transmitting (batteries probably empty after 432 days of operation). It has been close to the shore in a Greenland Fjord for a few weeks.

#### Wind

4. As usually, the Côte d'Azur moored buoy (WMO **61001**) is providing wind values for which the differences with model outputs show significant standard deviation and/or error. This is due to local effects which aren't correctly reproduced by the French global NWP model used for comparisons.
5. The Brittany buoy (WMO **62163**) reported abnormal calm winds from 3 to 15 December.

Monthly QC statistics and other data quality control tools are available on line at :  
<http://www.meteo.shom.fr/qctools/>

The working area of the E-SURFMAR website is open at <http://esurfmar.meteo.fr/wikisurf-wa/> . Ask the E-SURFMAR Programme Manager [Pierre.Blouch@meteo.fr](mailto:Pierre.Blouch@meteo.fr) for the password in case you forgot it.