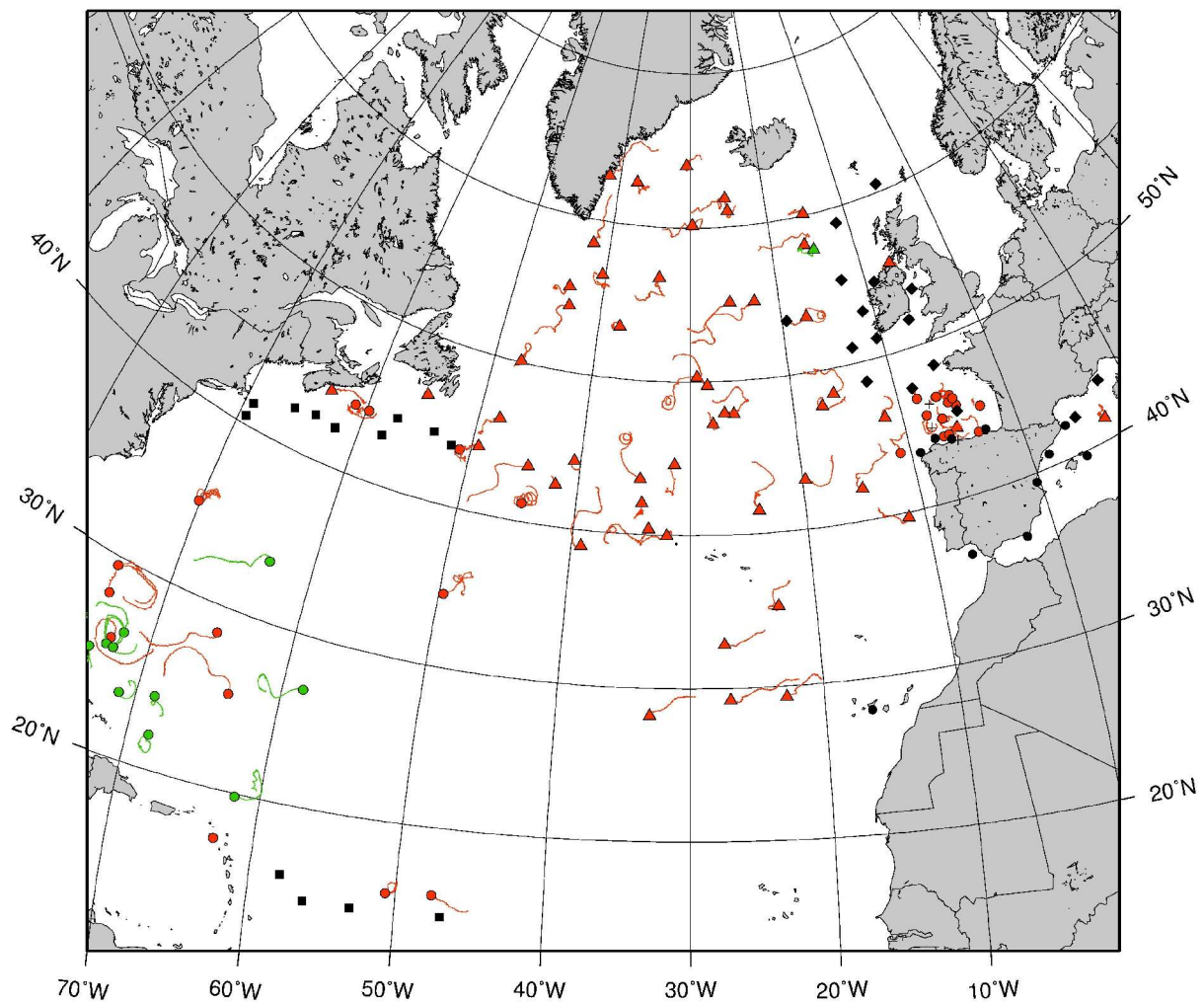


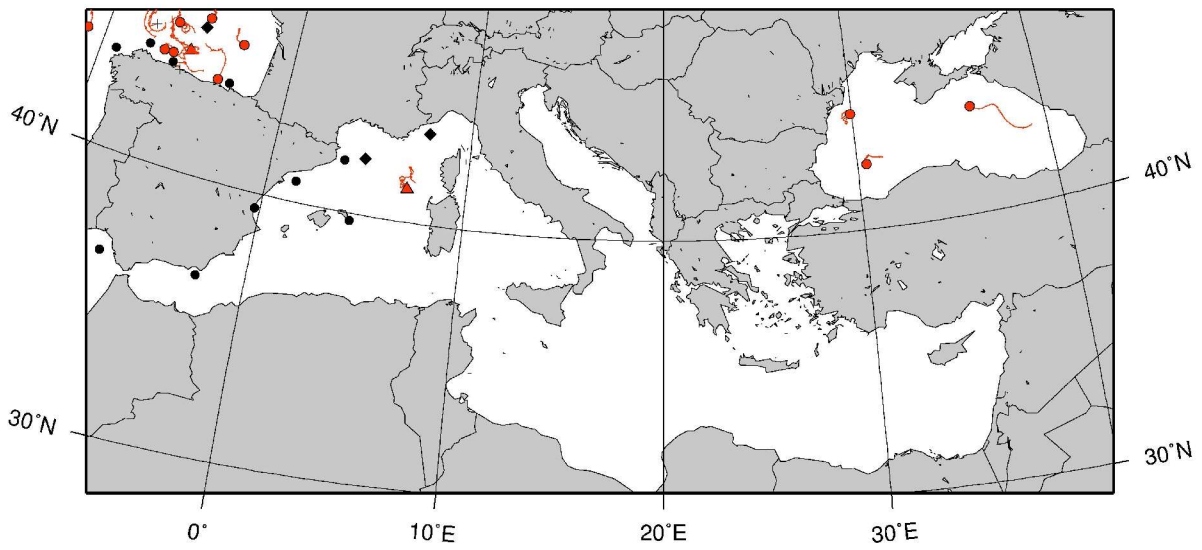
## DATA BUOYS MONTHLY REPORT

July 2005



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

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



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

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

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**DRIFTING BUOYS**  
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**Drifting buoys - New deployments**

WMO	Argos	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
44849	55317	TSB	UP	20050722	40.5	-49.2	Charleston	
44850	55318	TSB	UP	20050724	43.9	-40.0	Charleston	
44901	55321	TSB	UP	20050725	43.2	-42.5	Charleston	
62515	34408	TSB	FR	20050703	46.0	-6.5	Brest	Re-deployment
62936	55320	TSB	UP	20050722	48.0	-25.3	Charleston	

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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	1128	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	32.84	-27.38	263
44549	42794	TSB	FR	760	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	55.02	-22.77	398
44550	52193	TSB	FR	758	-	-	X	X	X	-	-	S	-	-	-	T	0107-3107	50.31	-29.35	260
44607	52190	TSB	FR	753	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	40.36	-33.62	236
44608	52191	TSB	FR	758	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	39.98	-32.04	237
44609	52192	TSB	FR	813	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	47.85	-25.80	175
44610	52252	MSB	UK	750	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	53.37	-37.72	173
44611	52178	MSB	FR	743	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	55.09	-25.55	173
44612	21124	MSB	UK	840	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	60.12	-15.31	629
44615	52183	MSB	FR	748	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	46.19	-48.04	171
44628	21329	MSB	UK	1061	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	28.20	-33.03	787
44722	52258	MSB	UK	719	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	47.22	-27.86	286
44723	52259	MSB	UK	750	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	58.48	-42.08	288
44725	21183	MSB	UK	748	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	55.43	-43.90	228
44726	52253	MSB	UK	743	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	50.08	-47.30	201
44727	52245	MSB	UK	750	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	43.56	-34.49	172
44728	52244	MSB	UK	751	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	49.76	-28.31	172
44729	52247	MSB	UK	753	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	46.35	-55.12	134
44743	21046	MSB	EU	801	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	39.68	-11.42	685
44775	9308	CFB	DE	1240	-	X	X	X	X	-	-	-	-	-	-	T	0107-3107	58.14	-15.93	294
44831	55307	TSB	UP	757	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	54.20	-43.55	45
44832	55308	TSB	UP	752	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	56.53	-40.43	44
44833	55310	TSB	UP	750	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	44.23	-63.54	48
44842	55303	TSB	UP	770	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	61.84	-25.36	97
44843	55305	TSB	UP	879	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	64.04	-30.61	97
44844	55306	TSB	UP	770	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	56.73	-33.67	99
44845	55311	TSB	UP	823	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	44.15	-49.36	100
44846	55313	TSB	UP	759	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	44.59	-31.47	102
44847	55315	TSB	UP	768	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	42.04	-34.28	103
44848	55316	TSB	UP	761	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	38.96	-39.18	102
44849	55317	TSB	UP	242	-	-	X	X	X	-	-	X	-	-	-	L	2107-3107	43.58	-44.65	10
44850	55318	TSB	UP	177	-	-	X	X	X	-	-	X	-	-	-	L	2407-3107	44.38	-40.61	8
44901	55321	TSB	UP	157	-	-	X	X	X	-	-	X	-	-	-	L	2507-3107	42.71	-42.03	7
61501	42652	MSB	FR	751	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	41.23	7.01	111
62510	52189	TSB	FR	757	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	35.21	-22.99	264
62511	52195	MSW	FR	708	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	46.17	-11.63	249
62514	54745	MSB	NL	743	-	-	X	X	S	-	-	S	-	-	-	T	0107-3107	62.94	-41.61	176
62515	34408	TSB	FR	679	-	-	X	X	X	-	-	-	-	-	-	T	0407-3107	44.34	-5.44	29
62556	42790	TSB	FR	753	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	29.22	-27.02	475
62557	42791	TSB	FR	1086	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	29.30	-22.83	475
62560	37396	MSB	FR	1263	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	43.20	-19.77	399
62562	37400	MSB	FR	830	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	47.73	-17.22	405
62563	42648	MSB	FR	745	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	55.53	-6.77	419
62564	42649	MSB	FR	756	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	41.50	-24.02	401
62566	42658	MSW	FR	746	X	-	X	X	X	-	-	X	-	-	-	T	0107-3107	57.71	-14.93	418
62567	52248	MSB	UK	703	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	42.05	-14.89	137
62901	55312	TSB	UP	762	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	53.56	-17.29	100
62934	55314	TSB	UP	761	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	48.38	-15.97	100
62936	55320	TSB	UP	224	-	-	X	X	X	-	-	X	-	-	-	L	2207-3107	47.93	-26.70	10
64609	52257	MSB	UK	748	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	62.78	-37.55	289
64612	54744	MSB	NL	751	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	61.02	-25.08	204
64929	55309	TSB	UP	758	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	60.15	-29.82	43

# E-SURFMAR DB Monthly Report July 2005

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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	763	-	-	-	-	X	-	-	-	-	-	-	T	0107-3107	51.41	-30.83	259
44616	21092	MSB	UK	841	-	-	-	-	X	-	-	X	-	-	-	T	0107-3107	58.03	-23.94	602
44744	34411	TSB	FR	753	-	-	-	-	X	-	-	-	-	-	-	T	0107-3107	36.87	-14.79	713
62512	42651	MSB	FR	756	-	-	-	-	X	-	-	X	-	-	-	T	0107-3107	39.37	-16.50	249
62513	42789	TSB	FR	747	-	-	-	-	X	-	-	-	-	-	-	T	0107-3107	52.75	-16.03	176

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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		570	-	-	X	X	X	-	-	X	-	-	-	L	0807-3107	11.89	-47.84
41502	34810	NAVO		567	-	-	X	X	X	-	-	X	-	-	-	L	0807-3107	15.78	-47.57
41505	34812	NAVO		518	-	-	X	X	X	-	-	X	-	-	-	L	1007-3107	15.65	-50.67
41540	47577	NAVO		737	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	41.17	-44.70
41543	47580	NAVO		742	X	-	X	X	X	-	-	X	-	-	-	L	0107-3107	26.85	-58.50
41544	47581	NAVO		762	X	-	X	X	X	-	-	X	-	-	-	L	0107-3107	19.82	-61.76
41545	47582	NAVO		743	S	-	X	X	X	-	-	X	-	-	-	L	0107-3107	25.38	-63.72
41643	56022	NAVO		463	X	-	X	X	X	-	-	X	-	-	-	L	1207-3107	21.86	-68.47
41645	56023	NAVO		680	X	-	X	X	X	-	-	X	-	-	-	L	1207-3107	23.92	-68.68
41663	47640	NAVO		1893	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	17.29	-62.71
41927	49573	GDC		622	-	-	X	-	X	-	-	X	-	-	-	L	0607-3107	28.49	-65.62
41929	49575	GDC		884	X	-	X	-	X	-	-	X	-	-	-	L	0107-3107	33.42	-63.40
41931	49577	GDC		690	-	-	X	-	X	-	-	X	-	-	-	T	0107-3007	35.16	-69.75
41939	49585	GDC		816	-	-	X	-	X	-	-	X	-	-	-	L	0107-3107	34.57	-49.67
44635				358	-	-	X	X	X	-	-	-	-	-	-	O	0107-3107	43.64	-50.96
44636				475	-	-	X	X	X	-	-	-	-	-	-	O	0107-3107	44.09	-59.74
44637				517	-	-	X	X	X	-	-	-	-	-	-	O	0107-3107	44.09	-61.06
61767	34253	NAVO		2136	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	43.97	36.24
61768	34859	NAVO		2601	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	44.39	29.92
61769	34860	NAVO		3441	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	42.46	30.48
62501	52198	CMM		720	-	-	X	X	X	-	-	X	-	-	X	T	0107-3107	43.76	-10.94
62502	42656	CMM		718	-	-	X	X	X	-	-	X	-	-	X	T	0107-3107	46.40	-5.26
62503	52197	CMM		704	-	-	X	X	X	-	-	X	-	-	X	T	0107-3107	45.66	-4.92
62504	57963	CMM		683	-	-	X	X	-	-	-	X	-	-	-	T	0407-3107	46.80	-8.27
62907	56362	GDC		321	-	-	X	-	X	-	-	-	-	-	X	L	0107-3107	44.05	-6.80
62908	56363	GDC		341	-	-	X	-	-	-	-	-	-	-	X	L	0107-3107	45.12	-2.83
62909	56364	GDC		211	-	-	X	-	-	-	-	-	-	-	X	L	0207-3107	46.00	-5.52
62926	56366	GDC		391	-	-	X	-	X	-	-	-	-	-	X	L	0107-3107	45.15	-6.49
62928	56368	GDC		275	-	-	X	-	X	-	-	-	-	-	S	L	0107-3107	46.13	-5.04
62929	56369	GDC		272	-	-	X	-	X	-	-	-	-	-	X	L	0107-3107	43.64	-3.68
62930	56370	GDC		348	-	-	X	-	X	-	-	-	-	-	X	L	0107-3107	45.62	-7.78
62931	56371	GDC		501	-	-	X	-	X	-	-	-	-	-	X	L	0107-3107	44.06	-6.29
62932	56372	GDC		394	-	-	X	-	X	-	-	-	-	-	X	L	0107-3107	46.57	-6.47

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**MOORED BUOYS**  
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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	741	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	43.40	7.80
<b>61002</b>	<b>Lion</b>	<b>738</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	-	-	-	<b>X</b>	-	<b>O</b>	<b>0107-3107</b>	<b>42.10</b>	<b>4.70</b>
62001	Gascogne	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	45.30	-5.00
62029	K1	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	48.70	-12.50
62052	Ushant	730	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	48.50	-5.80
62081	K2	742	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	51.00	-13.20
<b>62090</b>	<b>M1</b>	<b>744</b>	<b>X</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>0107-3107</b>	<b>53.10</b>	<b>-11.20</b>
62091	M2	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	53.50	-5.40
62092	M3	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	51.20	-10.50
62093	M4	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	54.70	-9.10
62094	M5	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	51.70	-6.70
62105	K4	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	54.90	-12.40
62108	K3	743	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	53.50	-19.50
62163	Brittany	743	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	47.50	-8.40
<b>64045</b>	<b>K5</b>	<b>743</b>	<b>X</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>0107-3107</b>	<b>59.00</b>	<b>-11.40</b>
64046	K7	743	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	60.70	-5.20

Comments:

- 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	-	-	-	-	-	-	-	-	-	-	-	-	-		28.18	-15.82
13131	Tenerife Sur	X	X	X	-	X	X	X	X	-	-	-	-	O		28.00	-16.58
61196	C. Begur	X	X	X	-	X	X	X	X	-	-	-	-	O		41.92	3.65
61197	Mahon	X	X	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	-	-	-	-	-	-	-	-	-	-	-	-	O		36.23	-5.03
61280	Tarragona	X	X	X	-	X	X	X	X	-	-	-	X	O		40.77	1.47
61281	Valencia	X	X	X	-	X	X	X	X	-	-	-	-	O		39.47	-0.27
62024	Bilbao-Visc.	X	X	X	-	X	X	X	X	-	-	-	-	O		43.63	-3.03
62025	C. de Penas	X	X	X	-	X	X	X	X	-	-	-	X	O		43.73	-6.17
62082	E. de Bares	X	X	X	-	X	X	X	X	-	-	-	-	O		44.07	-7.62
62083	Villano-Sis.	X	X	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>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 29 August 2005  
- 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	743	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	14.50	-53.00
41041	Mid. Atlantic	700	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	14.50	-46.00
41100	E Guadeloupe	718	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	15.90	-57.90
41101	E Martinique	584	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	14.60	-56.20
44008	A Nantucket	742	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	40.50	-69.40
44011	D Georges Bk	-	-	-	-	-	-	-	-	-	-	-	-	O		41.10	-66.60
44018	SE Cape Cod	742	X	X	X	X	S	X	X	-	-	X	-	O	0107-3107	41.30	-69.30
44024	NNE Channel	666	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	42.30	-65.90
44137	E Scotia Sl.	740	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	42.30	-62.00
44138	SW Gd Banks	740	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	44.30	-53.60
44139	Beanquereau	736	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	44.30	-57.10
44140	Tail of Bk	743	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	13.80	-51.70
44141	Larentian F	740	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	43.00	-58.00
44142	La Have Bk	740	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	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 tendency  
    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.**

**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'.

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**Air Pressure (hPa), EUCOS drifting buoys, July 2005**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050731	13534	52187	1104	0	-0.2	0.4
20050731	44549	42794	658	0	0.1	0.7
20050731	44550	52193	652	0	0.0	0.7
20050731	44607	52190	741	0	0.0	0.5
20050731	44608	52191	740	0	-0.1	0.5
20050731	44609	52192	664	0	0.0	0.6
20050731	44610	52252	738	0	-0.2	0.8
20050731	44611	52178	736	1	-0.2	0.8
20050731	44612	21124	686	0	0.2	0.8
20050731	44615	52183	738	0	-0.1	0.7
20050731	44628	21329	843	1	-0.2	0.5
20050731	44722	52258	711	1	0.0	0.6
20050731	44723	52259	739	1	0.1	0.8
20050731	44725	21183	738	0	0.5	0.9
20050731	44726	52253	733	0	0.1	0.7
20050731	44727	52245	738	0	0.0	0.7
20050731	44728	52244	739	1	0.4	0.6
20050731	44729	52247	743	1	-0.9	0.6
20050731	44743	21046	643	0	0.5	0.6
20050731	44775	09308	1047	3	0.0	0.8
20050731	44831	55307	703	0	0.0	0.8
20050731	44832	55308	690	0	-0.1	0.8
20050731	44833	55310	691	0	0.0	0.6
20050731	44842	55303	700	0	-0.1	0.8
20050731	44843	55305	799	0	-0.1	0.8
20050731	44844	55306	706	0	0.1	0.8
20050731	44845	55311	761	0	0.1	0.6
20050731	44846	55313	682	0	0.0	0.6
20050731	44847	55315	697	0	0.0	0.5
20050731	44848	55316	690	1	0.1	0.6
20050731	44849	55317	198	0	0.1	0.7
20050731	44850	55318	148	0	0.1	0.5
20050731	44901	55321	131	0	0.3	0.6
20050731	61501	42652	733	0	0.6	0.6
20050731	62510	52189	746	0	0.0	0.4
20050731	62511	52195	691	1	0.4	0.6
20050731	62514	54745	731	2	0.2	0.9
20050731	62515	34408	664	0	-0.1	0.5
20050731	62556	42790	725	0	0.1	0.4
20050731	62557	42791	1049	0	0.1	0.5
20050731	62560	37396	981	0	0.6	0.6
20050731	62562	37400	660	0	0.9	0.6
20050731	62563	42648	729	1	-0.1	0.6
20050731	62564	42649	737	1	0.4	0.6
20050731	62566	42658	726	0	0.0	0.8
20050731	62567	52248	685	1	-0.4	0.5
20050731	62901	55312	694	1	0.0	0.8
20050731	62934	55314	692	2	0.1	0.7
20050731	62936	55320	183	0	0.2	0.4
20050731	64609	52257	738	2	-0.2	0.9
20050731	64612	54744	740	0	-0.8	0.8
20050731	64929	55309	687	0	0.2	0.9

**Air Pressure (hPa), EGOS moored buoys, July 2005**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050731	61001		741	0	0.1	0.7
20050731	61002		738	0	0.2	0.6
20050731	62001		744	0	0.0	0.5
20050731	62029		744	0	0.0	0.6
20050731	62052		726	0	0.3	0.7
20050731	62081		740	2	0.1	0.8
20050731	62090		744	0	0.0	0.7
20050731	62091		744	0	-0.7	2.2
20050731	62092		744	0	0.2	0.7
20050731	62093		744	0	0.0	0.9
20050731	62094		741	2	0.2	0.6
20050731	62105		744	2	-0.2	1.0
20050731	62108		743	0	0.3	0.8
20050731	62163		743	0	0.0	0.6
20050731	64045		741	0	-0.1	0.8
20050731	64046		743	3	0.1	0.7

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### Air Temperature (C), EUCOS drifting buoys, July 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050731	44775	09308	1028	0	0.2	0.5

### Air Temperature (C), EGOS moored buoys, July 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050731	61001		741	0	0.6	0.8
20050731	61002		738	0	-0.1	0.9
20050731	62001		744	0	0.3	0.5
20050731	62029		744	0	0.0	0.5
20050731	62052		726	0	-0.3	0.8
20050731	62081		742	0	-0.1	0.8
20050731	62090		744	1	0.0	0.6
<b>20050731</b>	<b>62091</b>		<b>744</b>	<b>69</b>	-0.9	1.1
20050731	62092		742	0	0.0	0.7
20050731	62093		744	0	0.0	1.1
20050731	62094		744	1	-0.2	0.9
20050731	62105		744	0	-0.3	0.5
20050731	62108		741	0	-0.3	0.5
20050731	62163		743	0	-0.1	0.6
20050731	64045		738	0	0.4	0.5
20050731	64046		745	1	-0.2	0.7

### Wind direction (deg.), drifting buoys, July 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050731	62566	42658	611	6	8.	24.

### Wind direction (deg.), moored buoys, July 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
<b>20050731</b>	<b>61001</b>		<b>741</b>	<b>165</b>	-6.	<b>42.</b>
20050731	61002		738	30	-5.	21.
20050731	62001		744	0	-2.	18.
20050731	62029		738	4	2.	17.
20050731	62052		727	2	2.	24.
20050731	62081		735	3	0.	18.
20050731	62090		744	13	6.	20.
20050731	62091		744	69	-3.	30.
20050731	62092		735	0	0.	20.
20050731	62093		738	18	2.	22.
20050731	62094		744	18	-2.	22.
20050731	62105		744	6	1.	19.
20050731	62108		741	17	0.	23.
20050731	62163		743	9	5.	23.
20050731	64045		736	13	-1.	19.
20050731	64046		739	3	-1.	15.

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

Datend	WMO	Argos	Recvd	GE	Rate	Err
20050731	62566	42658	611	0	1.0	1.8

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

Datend	WMO	Argos	Recvd	GE	Rate	Err
<b>20050731</b>	<b>61001</b>		<b>741</b>	0	<b>3.0</b>	<b>3.0</b>
20050731	61002		738	0	1.2	1.4
20050731	62001		744	0	1.2	1.2
20050731	62029		744	0	1.1	1.0
20050731	62052		727	0	1.3	1.4
20050731	62081		741	3	0.9	1.2
20050731	62090		744	0	1.1	1.7
20050731	62091		744	0	1.6	1.5
20050731	62092		742	0	1.3	1.6
20050731	62093		744	1	1.3	1.5



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20050731	62094	744	0	1.5	1.7
20050731	62105	744	0	0.6	1.3
20050731	62108	743	0	1.0	1.5
20050731	62163	743	0	1.5	2.5
20050731	64045	736	0	1.4	2.0
20050731	64046	745	0	1.1	1.3

### Comments on QC statistics :

#### Air temperature

1. Moored buoy M2 (WMO **62091**) reported a dubious air temperature values during the month.

#### Wind

2. 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.

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.