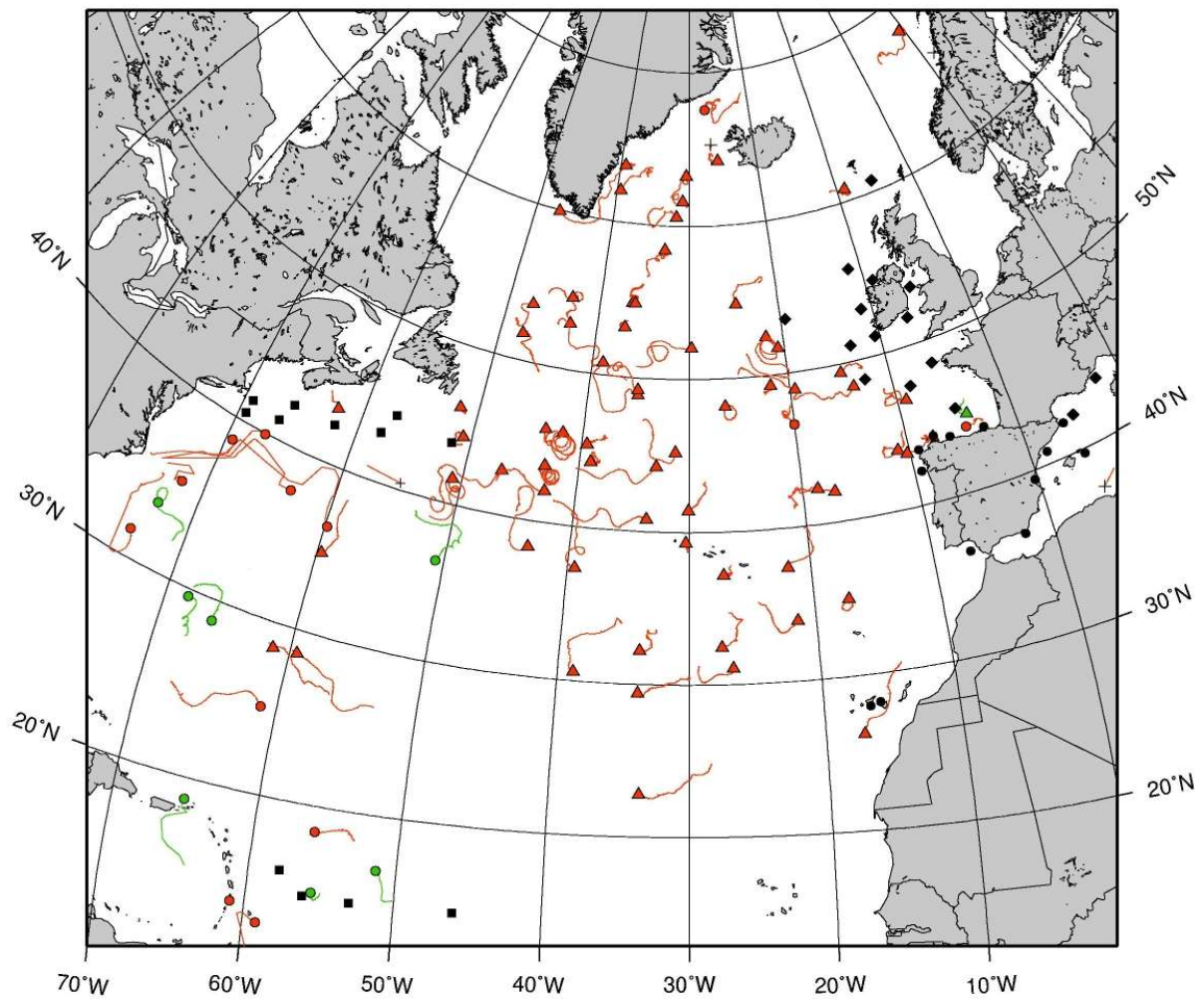


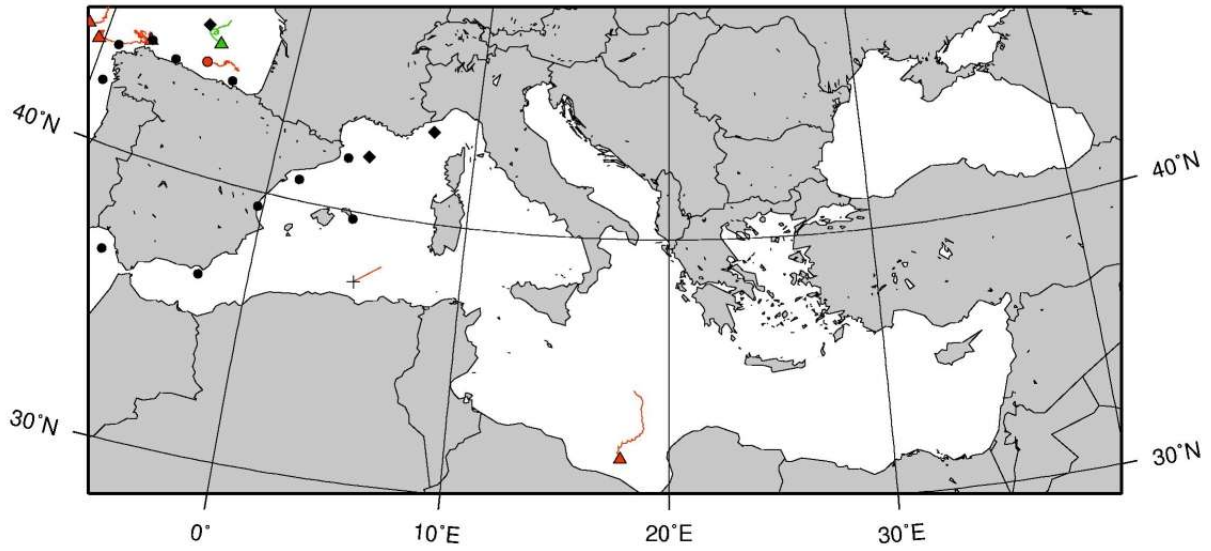
DATA BUOYS MONTHLY REPORT

July 2006



July 2006 - Operating data buoys in the North Atlantic
Drifting buoy trajectories and moored buoy positions

E-SURFMAR DB Monthly Report
July 2006



July 2006 - Operating data buoys in the Mediterranean Sea
Drifting buoy trajectories and moored buoy positions

DRIFTING BUOYS

Network status

By the end of July 2006, **68 drifting buoys** reporting air pressure or wind at least were in operation in the EUCOS area (including one in the Mediterranean Sea). Out of these, 16 were upgraded buoys. In addition, four buoys were reporting SST only.

Thirty-one EUCOS drifting buoys (from Metocean) are still available at deployment centres. Out of these, three buoys available at Halifax will be deployed in the Labrador Sea within a few weeks. Twenty-four new buoys were recently ordered to Metocean to end the 2006 budget. They will be delivered within a few weeks. Deployments will be requested as and when old EUCOS buoys stop transmitting. The 2006' budget for data communication allows to have 59 buoys operating in average. This has been corresponding on the mean consumption since the beginning of the year.

As soon as he will be known, the future EUMETNET responsible member for E-SURFMAR will have to make a call for tender for the buoys to be purchased in 2007 and further. The choose of a manufacturer will take quite a while. So, the stored buoys will be then deployed to ensure the continuity of the programme.

The five remaining upgraded drifters available in Charleston were deployed from the 7th to the 10th of July. One failed at deployment. It is better than for the previous deployment when four buoys of this series failed out of five. However the failure of one Technocean buoy is still worrying.

The two IcxAir buoys purchased to CMR were successfully air deployed by Navocean on August 4th. Their data are reported onto the GTS under WMO Ids 25524 and 25535.

Drifting buoys - New deployments

WMO	Argos	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
44918	63837	TSB	UP	20060707	39.2	-60.0	Charleston	OK
44919	63838	TSB	UP	20060708	39.6	-56.0	Charleston	OK
44920	63839	TSB	UP	20060708	40.9	-48.0	Charleston	OK
44921	63840	TSB	UP	20060709	43.8	-41.0	Charleston	OK
	63841	TSB	UP	20060710	47.0	-30.0	Charleston	No transmission since deployment

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	0107-3107	28.64	-59.47	628
44607	52190	TSB	FR	745	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	29.41	-33.87	601
44609	52192	TSB	FR	742	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	43.79	-11.04	540
44611	52178	MSB	FR	742	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	60.77	-8.99	538
44613	42494	MSB	EU	742	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	43.63	-43.07	128
44614	42495	MSB	EU	722	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	45.41	-39.50	128
44615	52183	MSB	FR	729	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	41.97	-17.20	536
44617	42812	MSB	EU	742	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	48.87	-35.10	127
44620	42487	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	44.31	-50.79	127
44722	52258	MSB	UK	624	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	49.41	-14.78	651
44723	52259	MSB	UK	745	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	62.04	-39.55	653
44725	21183	MSB	UK	744	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	54.83	-36.41	593
44728	52244	MSB	UK	738	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	54.79	-24.76	537
44729	52247	MSB	UK	743	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	43.27	-62.25	499
44742	52180	MSB	FR	746	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	52.95	-42.94	259
44745	42650	MSB	FR	922	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	31.04	-26.64	229
44747	52188	TSB	FR	742	-	-	X	X	X	-	-	S	-	-	-	T	0107-3107	37.15	-27.20	227
44761	52181	MSB	FR	651	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	49.30	-21.89	315
44762	46358	MSB	EU	746	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	53.23	-37.01	203
44763	44874	MSB	EU	746	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	54.65	-43.15	202
44764	44873	MSB	EU	747	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	49.20	-35.11	201
44765	42815	MSB	EU	734	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	45.19	-31.31	174
44766	42939	MSB	EU	735	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	44.28	-39.00	174
44767	44878	MSB	EU	726	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	45.92	-41.88	175
44768	44877	MSB	EU	748	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	59.91	-46.97	173
44769	44881	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	46.07	-51.74	173
44770	44272	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	54.82	-36.09	173
44771	46359	MSB	EU	745	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	51.70	-47.61	171
44772	42488	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	45.97	-43.49	162

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44773	42811	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	37.33	-39.41	162
44774	42661	MSB	EU	740	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	42.85	-46.78	155
44776	44875	MSB	EU	746	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	58.39	-33.00	148
44777	43739	MSB	EU	728	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	52.48	-21.82	147
44778	43745	MSB	EU	740	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	50.78	-38.90	146
44779	45885	MSB	EU	735	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	48.86	-19.51	133
44780	44871	MSB	EU	741	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	52.04	-29.76	132
44845	55311	TSB	UP	918	-	-	X	X	-	-	-	-	-	-	-	L	0107-3107	48.38	-13.78	465
44846	55313	TSB	UP	748	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	46.84	-9.21	467
44847	55315	TSB	UP	748	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	32.44	-27.45	468
44848	55316	TSB	UP	745	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	30.59	-38.81	467
44850	55318	TSB	UP	975	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	37.41	-21.91	373
44901	55321	TSB	UP	954	-	-	X	X	X	-	-	-	-	-	-	L	0107-3107	32.20	-33.84	372
44913	55304	TSB	UP	751	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	40.79	-33.72	73
44914	63846	TSB	UP	1040	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	38.30	-43.47	75
44918	63837	TSB	UP	498	-	-	X	X	X	-	-	X	-	-	-	L	1107-3107	34.82	-59.67	25
44919	63838	TSB	UP	497	-	-	X	X	X	-	-	X	-	-	-	L	1107-3107	41.59	-50.83	24
44920	63839	TSB	UP	494	-	-	X	X	X	-	-	X	-	-	-	L	1107-3107	42.03	-42.78	23
44921	63840	TSB	UP	492	-	-	X	X	X	-	-	X	-	-	-	L	1107-3107	44.26	-33.01	23
61839	59779	WSB	UP	327	-	-	X	X	X	-	-	X	-	-	-	L	1107-3107	31.69	17.83	114
62510	52189	TSB	FR	1086	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	22.77	-33.61	629
62515	34408	TSB	FR	741	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	44.05	-7.71	394
62556	42790	TSB	FR	744	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	28.54	-61.27	840
62560	37396	MSB	FR	791	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	41.40	-30.11	764
62564	42649	MSB	FR	746	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	33.93	-21.45	766
62567	52248	MSB	UK	732	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	34.99	-17.29	502
62569	52250	MSB	UK	744	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	63.26	-30.45	337
62571	52196	MSW	FR	602	X	-	X	X	X	-	-	X	-	-	-	T	0107-3107	44.77	-4.15	238
62572	42646	MSB	FR	798	-	-	X	X	X	-	-	-	-	-	-	T	0107-3107	26.22	-17.22	235
62573	42810	MSB	EU	1177	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	39.31	-30.31	163
62574	46247	MSB	EU	730	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	51.68	-20.70	133
62575	44883	MSB	EU	731	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	48.17	-26.49	133
62934	55314	TSB	UP	779	-	-	X	X	X	-	-	-	-	-	-	L	0107-3107	43.43	-10.29	465
62935	55319	TSB	UP	747	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	42.29	-18.66	364
64614	52184	MSB	FR	741	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	64.19	-25.83	262
64615	44880	MSB	EU	747	-	-	X	X	S	-	-	X	-	-	-	T	0107-3107	63.67	-39.31	205
64616	44876	MSB	EU	747	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	61.60	-30.89	174
64617	42814	MSB	EU	739	-	-	X	X	X	-	-	X	-	-	-	T	0107-3107	60.56	-31.70	149
64929	55309	TSB	UP	1069	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	68.10	9.22	408

Drifting buoys which ceased to be operational

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44730	52255	MSB	UK	20060704	65.3	-26.7	233	Failed
44760	52177	MSB	FR	20060731	53.7	-47.3	315	Failed
44842	55303	TSB	UP	20060712	71.0	26.0	443	Ashore
44844	55306	TSB	UP	20060712	65.6	11.6	445	Ashore
63841		TSB	UP	20060710	47.0	-30.0	0	Failed at deployment

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
44744	34411	TSB	FR	727	-	-	-	-	X	-	-	-	-	-	-	T	0107-3107	30.52	-13.69	1078
44849	55317	TSB	UP	1018	-	-	-	-	X	-	-	X	-	-	-	L	0107-3107	44.27	-26.75	375
64612	54744	MSB	NL	741	-	-	-	-	X	-	-	X	-	-	-	T	0107-3107	64.35	1.24	569

Non-operating drifting buoys which stopped to report GTS data

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44831	55307	TSB	UP	20060731	65.1	11.5	410	Ashore

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
41524	40089	NAVO		148	-	-	X	X	X	-	-	X	-	-	-	T	1007-3007	36.42	-59.83

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41525	56017	NAVO	750	X	-	X	X	X	-	-	X	-	-	-	L	0107-3107	29.58	-68.32
41535	34820	NAVO	1285	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	18.47	-55.86
41625	56019	NAVO	718	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	25.03	-61.12
41626	40323	NAVO	59	-	-	X	X	X	-	-	X	-	-	-	T	2607-2907	39.95	-67.21
41627	40387	NAVO	99	-	-	X	X	X	-	-	X	-	-	-	T	2307-3107	37.63	-63.54
41628	40602	NAVO	73	-	-	X	X	X	-	-	X	-	-	-	T	2507-3107	38.74	-69.50
41643	56022	NAVO	746	X	-	X	X	X	-	-	X	-	-	-	L	0107-3107	36.34	-50.70
41646	56024	NAVO	728	X	-	X	X	X	-	-	X	-	-	-	L	0107-3107	28.82	-66.14
41654	39579	NAVO	164	-	-	X	X	X	-	-	X	-	-	-	T	1207-3107	12.68	-59.10
41656	39581	NAVO	97	X	-	X	X	X	-	-	X	-	-	-	T	1107-3107	16.65	-51.38
41657	39787	NAVO	97	X	-	X	X	X	-	-	X	-	-	-	T	1107-3107	14.85	-55.63
41658	39789	NAVO	88	X	-	X	X	X	-	-	X	-	-	-	T	1207-3107	18.82	-65.05
44903	36256	GDC	759	-	-	X	X	X	-	-	X	-	-	-	L	0107-3107	46.63	-20.02
47555			12	-	-	X	-	-	-	-	-	-	-	-	O	3007-3107	71.15	-69.56
62507	52197	CMM	730	-	-	X	X	X	-	-	-	-	-	X	T	0107-3107	44.01	-4.56
63529			3513	-	X	X	-	X	-	-	-	-	-	-	T	0107-3107	67.56	-27.38

MOORED BUOYS

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	743	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	43.40	7.80
61002	Lion	743	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	42.10	4.70
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	733	X	X	X	X	-	-	-	-	-	X	-	O	0107-3107	48.50	-5.80
62081	K2	747	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	51.00	-13.20
62090	M1	742	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	53.10	-11.20
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	-	O	0107-3107	51.20	-10.50
62093	M4	745	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	54.70	-9.10
62094	M5	743	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	-	O	0107-3107	55.80	-11.40
62108	K3	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	53.50	-19.50
62163	Brittany	309	S	S	S	S	S	S	S	-	-	S	-		0107-2607	47.50	-8.40
64045	K5	-	-	-	-	-	-	-	-	-	-	-	-				
64046	K7	744	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	60.70	-5.20

Comments:

- EUCOS moored buoys are presented in bold characters.

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	-	-	-	-	O		28.18	-15.82
13131	Tenerife Sur		X	X	X	-	X	X	X	-	-	-	-	O		28.00	-16.58
61196	C. Begur		X	X	X	-	-	X	X	-	-	-	-	O		41.92	3.65
61197	Mahon		X	X	X	-	-	X	X	-	-	-	-	O		39.72	4.42
61198	C. de Gata		-	X	X	-	-	X	X	-	-	-	-	O		36.57	-2.33
61199	M. Alboran		-	-	-	-	-	-	-	-	-	-	-			36.23	-5.03
61280	Tarragona		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	-	-	-	-	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.		-	-	-	-	-	-	-	-	-	-	-			43.48	-9.22
62084	C. Silheiro		X	X	X	-	X	X	X	-	-	-	X	O		42.12	-9.40
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 August 7th, 2006.
- The EUCOS buoy is presented in bold characters.

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	740	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	14.50	-53.00
41041	Mid. Atlantic	741	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	14.50	-46.00
41100	E Guadeloupe	742	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	15.90	-57.90
41101	E Martinique	744	X	X	X	X	X	X	S	-	-	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	741	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	41.10	-66.60
44018	SE Cape Cod	739	X	X	X	X	X	X	X	-	-	X	-	O	0107-3107	41.30	-69.30
44024	NNE Channel	721	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		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
44139	Beanquereau	740	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	44.30	-57.10
44140	Tail of Bk	636	S	S	S	S	S	S	S	-	-	-	-		0107-2707	43.80	-51.70
44141	Larentian F	737	X	X	X	X	X	X	X	-	-	-	-	O	0107-3107	43.00	-58.00
44142	La Have Bk		-	-	-	-	-	-	-	-	-	-	-			42.50	-64.00

Buoy-QC statistics from Meteo-France model outputs

Datend : Date of the last value received on GTS
Recvd : Total number of values received on GTS
GE : Number of Gross Errors (excluded from bias and sd computations)
bias : Mean differences between observation values and co-located model output values
Std : Standard deviation of differences

Air Pressure (hPa), drifting buoys, July 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060731	13534	52187	737	0	-0.2	0.6
20060731	44607	52190	739	10	-0.1	0.4
20060731	44609	52192	585	0	0.3	0.7
20060731	44611	52178	729	0	-0.7	0.7
20060731	44613	42494	738	0	0.4	0.6
20060731	44614	42495	715	0	0.2	0.7
20060731	44615	52183	717	0	-0.8	0.5
20060731	44617	42812	736	0	0.5	0.8
20060731	44620	42487	741	2	0.8	0.7
20060731	44722	52258	614	0	-0.2	0.7
20060731	44723	52259	734	0	-0.2	0.8
20060731	44725	21183	729	0	0.5	1.0
20060731	44728	52244	729	1	-0.1	1.0
20060731	44729	52247	728	0	-0.6	0.8
20060704	44730	52255	92	0	-0.3	1.0
20060731	44742	52180	732	0	-0.2	1.0
20060731	44745	42650	749	0	0.3	0.5
20060731	44747	52188	738	0	0.0	0.5
20060731	44760	52177	655	9	0.1	0.8
20060731	44761	52181	641	1	-0.1	0.7
20060731	44762	46358	736	0	-0.1	1.0
20060731	44763	44874	729	0	0.0	0.9
20060731	44764	44873	734	0	-0.3	0.9
20060731	44765	42815	728	0	0.1	0.7
20060731	44766	42939	728	1	-0.2	0.6
20060731	44767	44878	717	0	-0.1	0.6
20060731	44768	44877	734	0	0.1	0.8
20060731	44769	44881	735	0	0.2	0.8
20060731	44770	44272	733	0	-0.2	1.0
20060731	44771	46359	735	0	-0.2	1.0
20060731	44772	42488	734	0	0.2	0.7
20060731	44773	42811	734	0	0.3	0.5
20060731	44774	42661	730	0	0.3	0.6
20060731	44776	44875	730	0	-0.1	1.0
20060731	44777	43739	720	0	-0.2	0.8
20060731	44778	43745	727	0	-0.3	0.9
20060731	44779	45885	731	0	0.0	0.7
20060731	44780	44871	736	0	0.0	0.9
20060712	44842	55303	343	0	-0.2	0.7
20060712	44844	55306	274	0	0.4	0.7
20060731	44845	55311	814	0	0.0	0.7
20060731	44846	55313	673	0	0.1	0.6
20060731	44847	55315	682	0	0.0	0.4
20060731	44848	55316	675	0	0.1	0.4
20060731	44850	55318	881	0	0.0	0.5
20060731	44901	55321	877	0	0.1	0.5
20060731	44913	55304	674	0	-0.1	0.5
20060731	44914	63846	928	0	0.0	0.6
20060731	44918	63837	439	0	0.3	0.5
20060731	44919	63838	436	0	0.3	0.6
20060731	44920	63839	434	0	-0.1	0.6
20060731	44921	63840	434	0	-0.2	0.6
20060711	61501	42652	36	0	1.2	0.6
20060731	61839	59779	270	0	-0.8	0.5
20060731	62510	52189	1074	0	0.0	0.5
20060731	62515	34408	725	0	-0.1	0.5
20060731	62556	42790	733	0	0.2	0.6
20060731	62560	37396	694	0	0.1	0.6
20060731	62564	42649	741	0	0.3	0.5
20060731	62567	52248	720	0	-0.4	0.4
20060731	62569	52250	731	0	0.6	1.0
20060731	62571	52196	587	0	0.3	0.5
20060731	62572	42646	786	0	0.0	0.6
20060731	62573	42810	1162	1	0.3	0.5
20060731	62574	46247	728	2	0.1	0.8

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20060731	62575	44883	726	0	0.1	0.7
20060731	62934	55314	713	1	0.3	0.6
20060731	62935	55319	673	2	0.3	0.5
20060731	64614	52184	727	0	0.0	0.8
20060731	64615	44880	731	0	-0.1	0.7
20060731	64616	44876	730	0	-0.4	1.0
20060731	64617	42814	724	0	0.0	0.9
20060731	64929	55309	920	0	0.1	0.7

Air Pressure (hPa), moored buoys, July 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060731	61001		742	0	0.2	0.5
20060731	61002		743	0	0.2	0.5
20060731	62001		744	0	0.1	0.5
20060731	62029		744	0	0.1	0.6
20060731	62052		733	0	0.5	0.5
20060731	62081		725	0	-0.3	0.8
20060731	62090		724	2	0.1	0.8
20060731	62091		744	0	0.0	0.7
20060731	62092		744	0	0.2	0.7
20060731	62093		745	0	0.3	0.8
20060731	62094		721	4	-0.1	0.9
20060731	62105		744	0	-0.2	0.9
20060731	62108		744	0	-0.1	0.9
20060726	62163		304	0	0.1	0.5
20060731	64046		744	2	0.3	0.7

Air Temperature (C), moored buoys, July 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060731	61001		743	0	0.1	0.6
20060731	61002		743	0	-0.3	0.9
20060731	62001		744	0	0.1	0.4
20060731	62029		744	0	-0.3	0.4
20060731	62052		655	0	0.3	0.9
20060731	62081		739	0	-0.1	0.8
20060731	62090		737	4	0.5	1.0
20060731	62091		744	0	-1.7	1.1
20060731	62092		744	0	-0.3	0.6
20060731	62093		743	0	0.2	0.9
20060731	62094		723	2	-0.1	1.3
20060731	62105		744	0	-0.2	0.6
20060731	62108		744	0	-0.1	0.5
20060726	62163		306	0	-0.3	0.5
20060731	64046		744	0	-0.1	0.7

Wind direction (deg.), drifting buoys, July 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060731	62571	52196	428	15	6.	30.

Wind direction (deg.), moored buoys, July 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060731	61001		743	222	77.	66.
20060731	61002		743	30	-3.	28.
20060731	62001		740	10	1.	21.
20060731	62029		744	11	-1.	18.
20060731	62052		319	16	0.	32.
20060731	62081		745	7	1.	19.
20060724	62090		542	28	3.	31.
20060731	62091		744	26	-13.	27.
20060731	62093		745	43	-3.	28.
20060731	62094		723	11	-3.	22.
20060731	62108		744	24	-3.	22.
20060713	62163		286	2	2.	20.
20060731	64046		743	11	-1.	21.

Wind speed rate, drifting buoys, July 2006

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Datend	WMO	Argos	Recvd	GE	Rate	Err
20060731	62571	52196	432	1	1.2	1.6

Wind speed rate, moored buoys, July 2006

Datend	WMO	Argos	Recvd	GE	Rate	Err
20060731	61001		737	0	1.7	1.3
20060731	61002		743	0	1.5	1.5
20060731	62001		744	0	1.2	1.0
20060731	62029		744	0	1.0	1.2
20060731	62052		319	0	1.1	1.5
20060731	62081		747	2	1.0	1.2
20060731	62090		741	0	1.0	1.5
20060731	62091		744	0	1.7	1.9
20060731	62093		745	0	1.4	1.8
20060731	62094		735	3	1.4	1.3
20060731	62108		744	0	1.2	1.9
20060726	62163		309	0	1.2	0.9
20060731	64046		744	0	1.3	1.8

Comments on QC statistics :

Air Pressure

- 1 SVP-B drifter 42652 (WMO **61501**) still reported a few messages in July. Air pressure data were slightly biased (1.2 hPa).

Air Temperature

- 2 Air temperature values reported by M2 moored buoy (WMO **62091**) onto the GTS seem 1.7 °C too low in average when compared to the French model analysis. This is not confirmed by other models.

Wind

- 3 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 (Mistral) 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 for the password in case you forgot it.