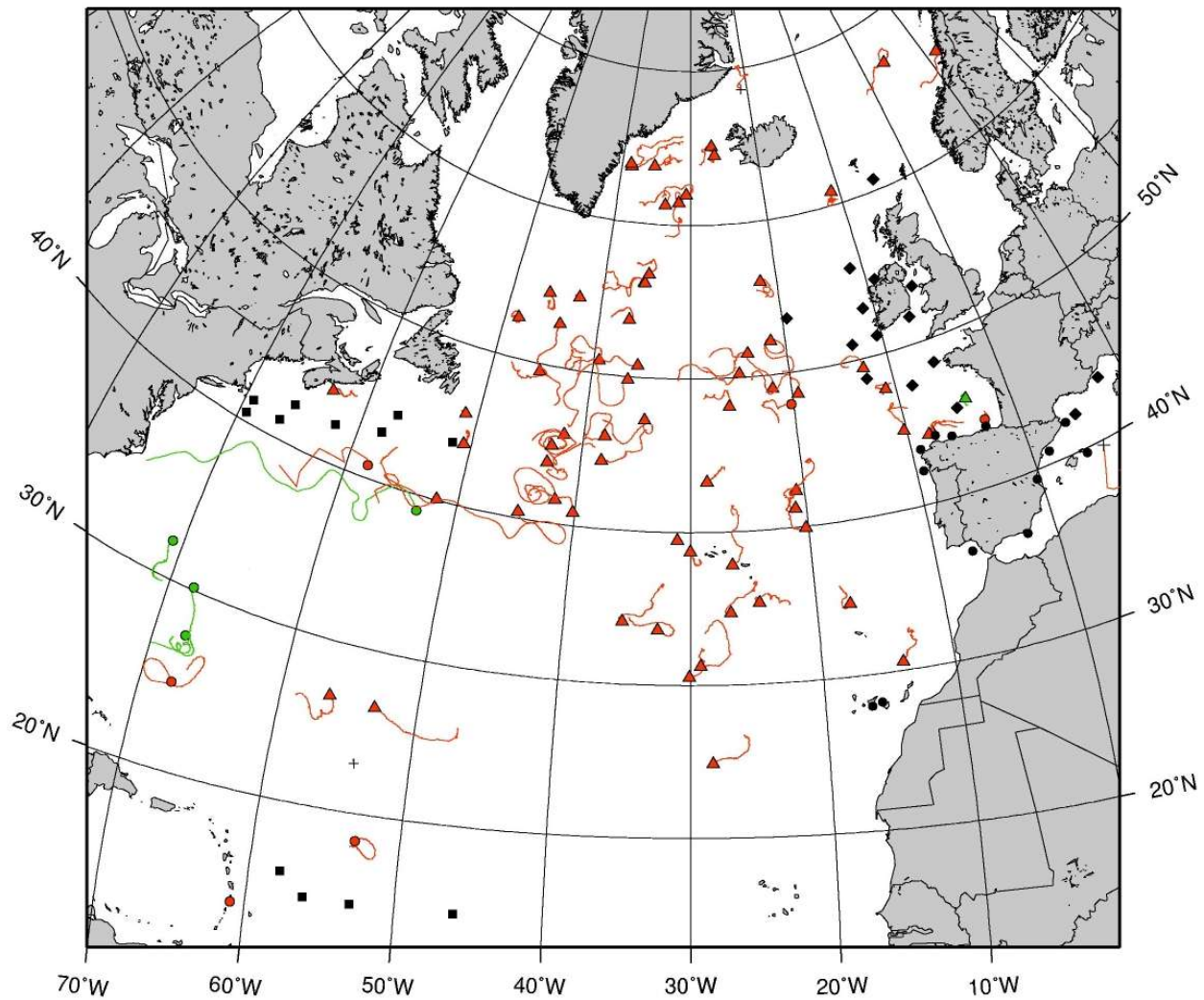


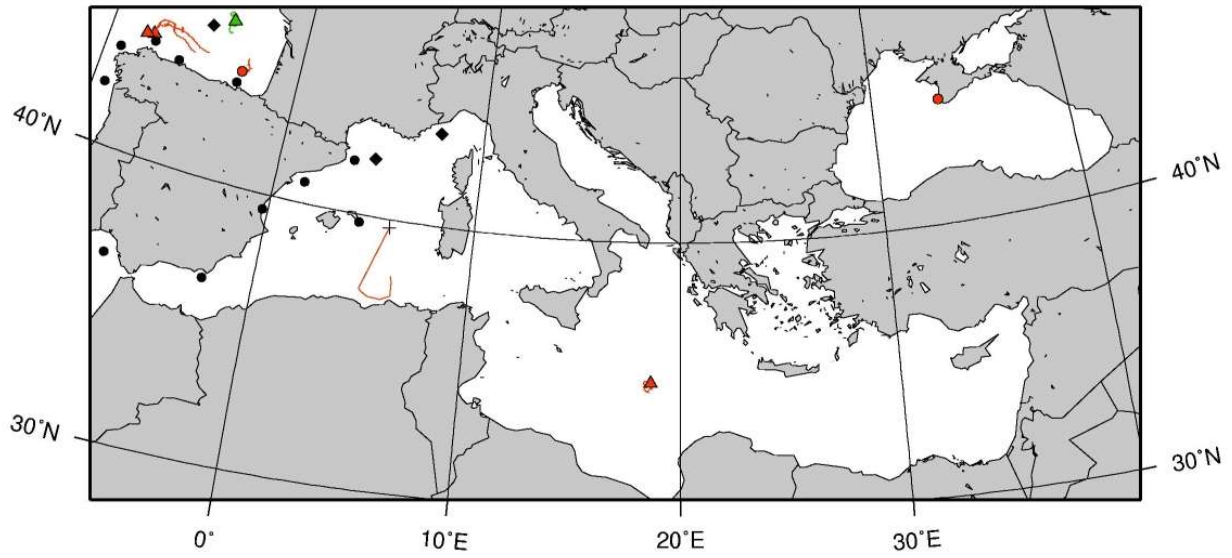
DATA BUOYS MONTHLY REPORT

June 2006



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

E-SURFMAR DB Monthly Report
June 2006



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

DRIFTING BUOYS

Network status

By the end of June 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, 14 were upgraded buoys. In addition, four buoys were reporting SST only.

Thirty-one EUCOS drifting buoys (from Metocean) are 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.

Ten upgraded drifters (out of the 30 currently ordered) plus an oldest one were delivered in Charleston. Six were deployed in May but only two survived (including the old one). Before deploying the 5 remaining ones, one must be sure the problem is not due to the buoys themselves.

Two IcxAir buoys were purchased to CMR for the participation of EUMETNET in IPY. Their air deployment on sea ice should occur in August or September thanks to Navocean.

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	717	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	26.57	-53.12	597
44607	52190	TSB	FR	718	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	30.53	-30.11	570
44609	52192	TSB	FR	758	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	44.89	-10.26	509
44611	52178	MSB	FR	707	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	60.88	-11.00	507
44613	42494	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	43.85	-43.01	97
44614	42495	MSB	EU	708	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	46.02	-38.04	97
44615	52183	MSB	FR	699	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	42.37	-20.74	505
44617	42812	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	50.85	-39.44	96
44620	42487	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	43.88	-50.69	96
44722	52258	MSB	UK	638	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	49.40	-12.62	620
44723	52259	MSB	UK	718	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	63.74	-35.27	622
44725	21183	MSB	UK	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	56.17	-35.42	562
44728	52244	MSB	UK	715	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	56.09	-21.93	506
44729	52247	MSB	UK	715	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.12	-63.32	468
44730	52255	MSB	UK	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	65.07	-26.86	229
44742	52180	MSB	FR	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	54.58	-45.87	228
44745	42650	MSB	FR	762	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	31.25	-29.25	198
44747	52188	TSB	FR	716	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	37.81	-26.57	196
44760	52177	MSB	FR	711	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	52.55	-48.59	284
44761	52181	MSB	FR	659	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	49.09	-21.85	284
44762	46358	MSB	EU	721	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	53.66	-36.74	172
44763	44874	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	54.68	-42.54	171
44764	44873	MSB	EU	711	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	49.79	-36.34	170
44765	42815	MSB	EU	715	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	47.24	-34.45	143
44766	42939	MSB	EU	713	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.41	-38.15	143
44767	44878	MSB	EU	708	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	45.80	-41.82	144
44768	44877	MSB	EU	721	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	63.61	-38.57	142
44769	44881	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	45.76	-51.20	142
44770	44272	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	56.13	-35.35	142
44771	46359	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	49.50	-45.22	140
44772	42488	MSB	EU	712	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.96	-42.84	131
44773	42811	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	41.52	-41.85	131
44774	42661	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	40.06	-51.82	124
44776	44875	MSB	EU	722	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	56.70	-34.91	117
44777	43739	MSB	EU	708	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	51.52	-24.07	116
44778	43745	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	52.73	-44.12	115
44779	45885	MSB	EU	715	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	50.22	-25.06	102
44780	44871	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	50.74	-35.47	101

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44842	55303	TSB	UP	716	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	70.98	26.03	431
44844	55306	TSB	UP	722	-	-	X	X	X	-	-	-	-	-	-	L	0106-3006	65.64	11.64	433
44845	55311	TSB	UP	718	-	-	X	X	-	-	-	-	-	-	-	L	0106-3006	48.57	-19.42	434
44846	55313	TSB	UP	712	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	47.74	-10.99	436
44847	55315	TSB	UP	901	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	34.72	-26.82	437
44848	55316	TSB	UP	715	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	34.09	-35.41	436
44850	55318	TSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	39.91	-20.22	342
44901	55321	TSB	UP	739	-	-	X	X	X	-	-	-	-	-	-	L	0106-3006	33.59	-32.62	341
44913	55304	TSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	40.86	-40.19	42
44914	63846	TSB	UP	716	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	40.42	-44.83	44
61839	59779	WSB	UP	399	-	-	X	X	X	-	-	X	-	-	-	L	0106-2906	34.75	18.65	82
62510	52189	TSB	FR	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	24.87	-28.38	598
62515	34408	TSB	FR	718	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	44.30	-7.80	363
62556	42790	TSB	FR	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	26.72	-56.48	809
62560	37396	MSB	FR	761	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	43.25	-28.56	733
62564	42649	MSB	FR	718	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	35.31	-24.51	735
62567	52248	MSB	UK	708	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	34.68	-17.37	471
62569	52250	MSB	UK	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.44	-31.64	306
62571	52196	MSW	FR	606	X	-	X	X	X	-	-	X	-	-	-	T	0106-3006	45.70	-3.99	207
62572	42646	MSB	FR	721	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	30.55	-13.91	204
62573	42810	MSB	EU	775	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	38.75	-30.02	132
62574	46247	MSB	EU	707	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	52.18	-21.52	102
62575	44883	MSB	EU	710	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	48.13	-26.27	102
62934	55314	TSB	UP	706	-	-	X	X	X	-	-	-	-	-	-	L	0106-3006	44.24	-8.16	434
62935	55319	TSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	41.23	-20.95	333
64614	52184	MSB	FR	722	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	64.50	-26.43	231
64615	44880	MSB	EU	711	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	63.75	-38.74	174
64616	44876	MSB	EU	715	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.97	-30.61	143
64617	42814	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.25	-33.47	118
64929	55309	TSB	UP	727	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	67.05	3.70	377

Drifting buoys which ceased to be operational

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44746	52185	TSB	FR	20060626	39.4	-31.1	191	Picked up in Azores (Flores)
61501	42652	MSB	FR	20060619	39.7	5.9	434	Weak transmission - no location

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	692	-	-	-	-	X	-	-	-	-	-	-	T	0106-3006	32.21	-10.64	1047
44831	55307	TSB	UP	731	-	-	-	-	X	-	-	X	-	-	-	L	0106-3006	63.82	6.06	379
44849	55317	TSB	UP	1001	-	-	-	-	X	-	-	X	-	-	-	L	0106-3006	44.51	-31.47	344
64612	54744	MSB	NL	716	-	-	-	-	X	-	-	X	-	-	-	T	0106-3006	64.25	-0.66	538

Non-operating drifting buoys which stopped to report GTS data

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44616	21092	MSB	UK	20060629	59.9	-15.7	935	Faded

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
12531				51	-	-	X	X	X	-	-	X	-	-	-	L	2806-3006	44.58	33.47
41525	56017	NAVO		717	X	-	X	X	X	-	-	X	-	-	-	L	0106-3006	27.49	-67.71
41535	34820	NAVO		951	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	18.36	-53.07
41536	40455	NAVO		1992	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	13.72	-60.96
41625	56019	NAVO		703	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	24.82	-67.74
41643	56022	NAVO		487	X	-	X	X	X	-	-	X	-	-	-	L	1006-3006	39.07	-53.21
41646	56024	NAVO		710	X	-	X	X	X	-	-	X	-	-	-	L	0106-3006	30.15	-68.14
44637				228	-	-	X	X	X	-	-	-	-	-	-	O	0106-3006	40.79	-58.22
44903	36256	GDC		941	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	47.94	-20.19
62507				180	-	-	X	X	X	-	-	-	-	-	X	T	2306-3006	44.04	-2.91
63529				3225	-	X	X	-	X	-	-	-	-	-	-	T	0106-3006	68.48	-20.83

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	710	X	X	X	X	X	X	X	-	-	X	-	O	0106-3006	43.40	7.80
61002	Lion	709	X	X	X	X	X	X	X	-	-	X	-	O	0106-3006	42.10	4.70
62001	Gascogne	721	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	45.30	-5.00
62029	K1	721	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	48.70	-12.50
62052	Ushant	710	-	-	X	X	-	-	-	-	-	-	-	O	0106-3006	48.50	-5.80
62081	K2	746	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	51.00	-13.20
62090	M1	721	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	53.10	-11.20
62091	M2	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	53.50	-5.40
62092	M3	720	S	X	X	X	X	X	-	-	-	X	-	O	0106-3006	51.20	-10.50
62093	M4	722	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	54.70	-9.10
62094	M5	598	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	51.70	-6.70
62105	K4	720	S	X	X	X	X	X	-	-	-	X	-	O	0106-3006	55.80	-11.40
62108	K3	716	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	53.50	-19.50
62163	Brittany	723	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	47.50	-8.40
64045	K5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64046	K7	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	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	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	X	-	-	-	-	O		41.92	3.65
61197	Mahon		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		-	-	-	-	-	-	-	-	-	-	-	-		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	-	-	-	-	O		39.47	-0.27
62024	Bilbao-Visc.		X	X	X	-	X	X	X	-	-	-	-	O		43.63	-3.03
62025	C. de Penas		X	X	X	-	X	X	X	-	-	-	-	O		43.73	-6.17
62082	E. de Bares		-	-	-	-	-	-	-	-	-	-	-	-		44.07	-7.62
62083	Villano-Sis.		X	X	X	-	X	X	X	-	-	-	-	O		43.48	-9.22
62084	C. Silleiro		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 July 3rd, 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	715	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	14.50	-53.00
41041	Mid. Atlantic	714	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	14.50	-46.00
41100	E Guadeloupe	712	-	X	X	X	X	X	-	-	-	X	-	O	0106-3006	15.90	-57.90
41101	E Martinique	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	14.60	-56.20
44008	A Nantucket	715	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	40.50	-69.40
44011	D Georges Bk	717	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	41.10	-66.60
44018	SE Cape Cod	715	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	41.30	-69.30
44024	NNE Channel	706	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	42.30	-65.90
44137	E Scotia Sl.	714	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	42.30	-62.00
44138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-	-		44.30	-53.60
44139	Beanquereau	711	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	44.30	-57.10
44140	Tail of Bk	713	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	43.80	-51.70
44141	Larentian F	713	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	43.00	-58.00
44142	La Have Bk		-	-	-	-	-	-	-	-	-	-	-	-		42.50	-64.00

Meaning of columns

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.

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, June 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060630	13534	52187	715	0	-0.2	0.6
20060630	44607	52190	718	5	-0.1	0.5
20060630	44609	52192	631	0	0.4	0.7
20060630	44611	52178	703	0	-0.4	0.9
20060630	44613	42494	713	0	0.6	0.6
20060630	44614	42495	706	1	0.2	0.7
20060630	44615	52183	695	0	-0.7	0.6
20060630	44617	42812	717	1	0.6	0.9
20060630	44620	42487	717	0	0.7	0.7
20060630	44722	52258	633	2	-0.2	0.9
20060630	44723	52259	712	0	-0.3	0.9
20060630	44725	21183	716	0	0.6	0.9
20060630	44728	52244	706	0	0.0	1.1
20060630	44729	52247	712	0	-0.6	1.2
20060630	44730	52255	710	1	-0.2	0.9
20060630	44742	52180	714	0	-0.2	0.9
20060630	44745	42650	708	0	0.3	0.5
20060626	44746	52185	562	227	-0.6	0.9
20060630	44747	52188	713	0	0.1	0.5
20060630	44760	52177	706	0	0.1	0.8
20060630	44761	52181	657	0	-0.1	0.9
20060630	44762	46358	713	0	-0.2	1.0
20060630	44763	44874	716	0	-0.1	1.0
20060630	44764	44873	708	0	-0.2	0.7
20060630	44765	42815	712	0	0.2	0.6
20060630	44766	42939	706	0	0.0	0.7
20060630	44767	44878	707	0	0.2	0.6
20060630	44768	44877	712	0	-0.2	0.8
20060630	44769	44881	715	0	0.5	0.7
20060630	44770	44272	718	1	-0.1	0.9
20060630	44771	46359	714	0	-0.3	0.8
20060630	44772	42488	708	1	0.2	0.8
20060630	44773	42811	717	0	0.4	0.6
20060630	44774	42661	718	0	0.4	0.7
20060630	44776	44875	719	1	0.1	1.0
20060630	44777	43739	706	1	-0.3	0.8
20060630	44778	43745	715	0	-0.3	0.8
20060630	44779	45885	709	0	0.1	0.7
20060630	44780	44871	718	0	0.0	0.8
20060630	44842	55303	673	1	-0.1	1.0
20060630	44844	55306	695	0	0.3	0.6
20060630	44845	55311	699	1	0.0	0.7
20060630	44846	55313	679	0	0.2	0.5
20060630	44847	55315	873	4	-0.1	0.6
20060630	44848	55316	688	0	0.1	0.6
20060630	44850	55318	681	0	0.1	0.6
20060630	44901	55321	716	0	0.1	0.6
20060630	44913	55304	695	0	-0.2	0.5
20060630	44914	63846	685	0	0.2	0.5
20060619	61501	42652	121	1	1.0	0.9
20060629	61839	59779	369	0	-0.6	0.6
20060630	62510	52189	717	0	0.2	0.5
20060630	62515	34408	713	0	-0.1	0.5
20060630	62556	42790	716	0	0.2	0.6
20060630	62560	37396	670	0	0.0	0.7
20060630	62564	42649	715	0	0.1	0.5
20060630	62567	52248	705	0	-0.4	0.5
20060630	62569	52250	718	0	0.7	0.9
20060630	62571	52196	602	0	0.1	0.5
20060630	62572	42646	718	0	0.0	0.5
20060630	62573	42810	772	0	0.2	0.6
20060630	62574	46247	704	1	0.1	0.9
20060630	62575	44883	706	0	0.0	0.7
20060630	62934	55314	687	0	0.2	0.5
20060630	62935	55319	683	0	0.0	0.6

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20060630	64614	52184	718	2	0.1	0.9
20060630	64615	44880	708	0	0.0	0.8
20060630	64616	44876	714	0	-0.4	0.9
20060630	64617	42814	718	0	0.0	0.8
20060630	64929	55309	689	0	-0.1	0.8

Air Pressure (hPa), moored buoys, June 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060630	61001		707	2	0.0	0.5
20060630	61002		707	0	0.3	0.6
20060630	62001		720	161	-0.3	0.9
20060630	62029		721	2	0.1	0.6
20060630	62052		709	0	0.6	0.5
20060630	62081		629	7	-0.3	1.0
20060630	62090		713	1	0.2	0.7
20060630	62091		720	0	0.0	0.6
20060630	62092		717	1	0.4	0.6
20060630	62093		722	1	0.3	0.8
20060630	62094		589	2	0.1	0.6
20060630	62105		720	2	-0.3	0.9
20060630	62108		715	0	0.0	1.0
20060630	62163		720	1	0.2	0.5
20060630	64046		716	2	0.2	0.9

Air Temperature (C), moored buoys, June 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060630	61001		706	0	0.0	0.7
20060630	61002		708	0	-0.4	0.8
20060630	62001		720	0	0.3	0.6
20060630	62029		718	0	-0.2	0.6
20060630	62081		741	1	0.0	1.3
20060630	62090		718	0	-0.1	0.6
20060630	62091		720	0	-1.2	1.1
20060630	62092		720	0	-0.2	0.7
20060630	62093		716	0	0.0	0.9
20060630	62094		589	3	-0.2	1.0
20060630	62105		720	0	0.0	0.8
20060630	62108		710	1	-0.2	0.4
20060630	62163		721	0	-0.4	0.5
20060630	64046		718	5	0.0	0.6

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060630	62571	52196	404	22	5.	27.

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060630	61001		701	96	-15.	38.
20060630	61002		708	21	-5.	26.
20060630	62001		720	16	-2.	22.
20060630	62029		719	15	-2.	19.
20060630	62081		736	8	0.	18.
20060630	62090		698	12	0.	21.
20060630	62091		720	40	-9.	30.
20060612	62092		276	15	-7.	25.
20060630	62093		722	21	0.	26.
20060630	62094		581	26	-5.	30.
20060628	62105		662	23	0.	19.
20060630	62108		710	6	0.	20.
20060630	62163		719	10	-1.	22.
20060630	64046		705	16	2.	21.

Wind speed rate, drifting buoys, June 2006

Datend	WMO	Argos	Recvd	GE	Rate	Err
20060630	62571	52196	404	0	1.3	1.6

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Wind speed rate, moored buoys, June 2006

Datend	WMO	Argos	Recvd	GE	Rate	Err
20060630	61001		710	0	1.7	1.5
20060630	61002		709	0	1.4	1.5
20060630	62001		714	0	1.2	1.4
20060630	62029		720	0	0.9	2.3
20060630	62081		741	9	1.1	2.0
20060630	62090		720	0	1.0	1.5
20060630	62091		720	0	2.0	2.3
20060612	62092		276	0	0.5	4.6
20060630	62093		722	0	1.2	1.6
20060630	62094		591	1	1.8	1.8
20060628	62105		662	2	0.8	3.8
20060630	62108		716	0	1.0	1.4
20060630	62163		721	1	1.2	1.2
20060630	64046		717	1	1.3	2.0

Comments on QC statistics :

Air Pressure

1. SVP-B drifter 52185 (WMO **44746**) reported many gross errors for air pressure before this parameter was removed from the GTS transmission on June 26th.
2. Gascogne moored buoy (WMO **62001**) also reported many gross errors onto the GTS in June probably due to a barometer failure (on June 7th). The data measured by the second barometer are now transmitted.

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 which aren't correctly reproduced by the French global NWP model used for comparisons. It's also the case for the M2 and M5 moored buoys (WMO **62091** and **62094**) located in the Irish Sea.
4. M3 moored buoy (WMO **62092**) still reported a few abnormal calm winds onto the GTS in June before the transmission was stopped for this parameter.
5. Wind measurements failed on K4 moored buoy (WMO **62105**). Abnormal calm winds had been sent onto the GTS before the transmission was stopped for this parameter.

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

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.