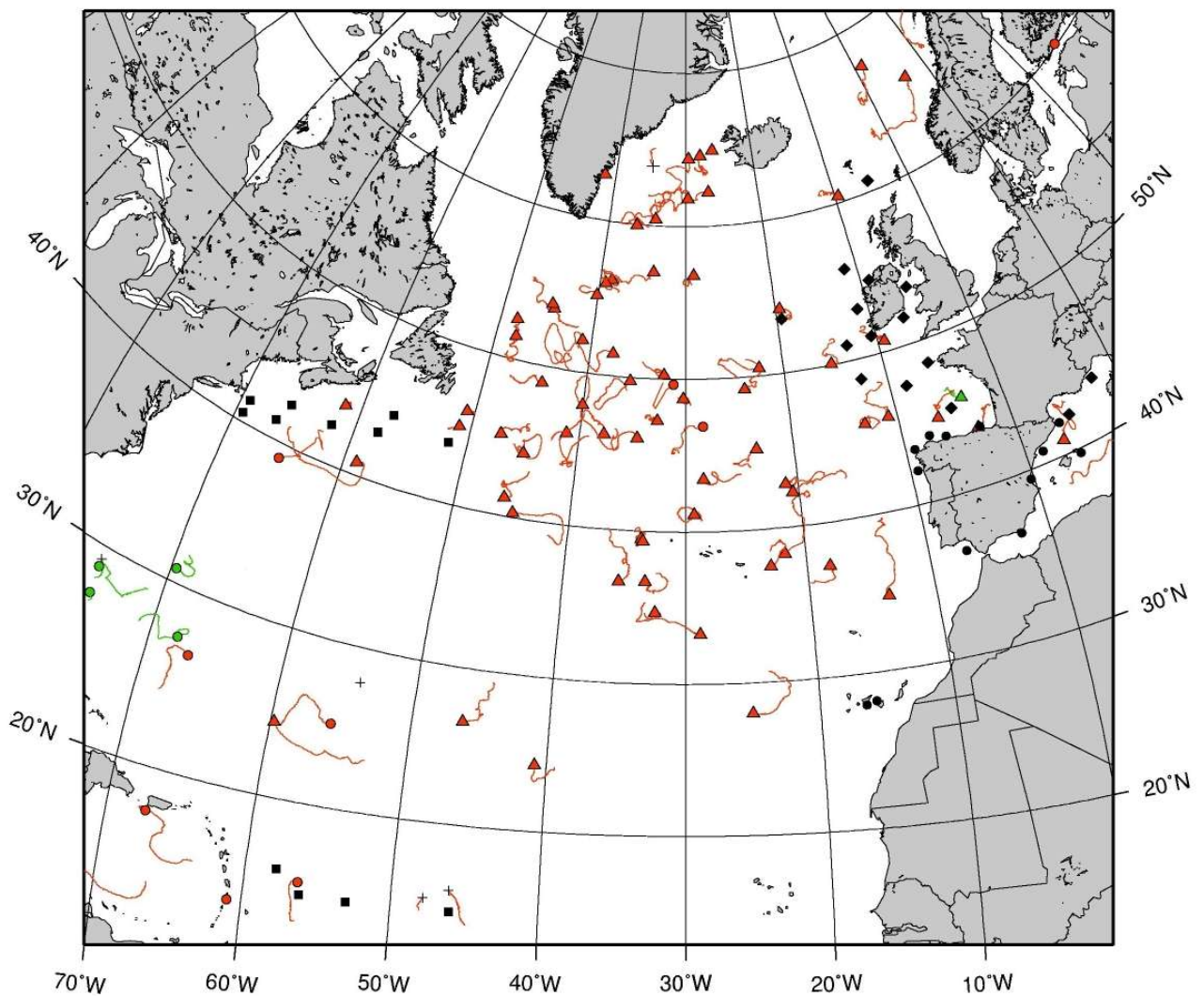


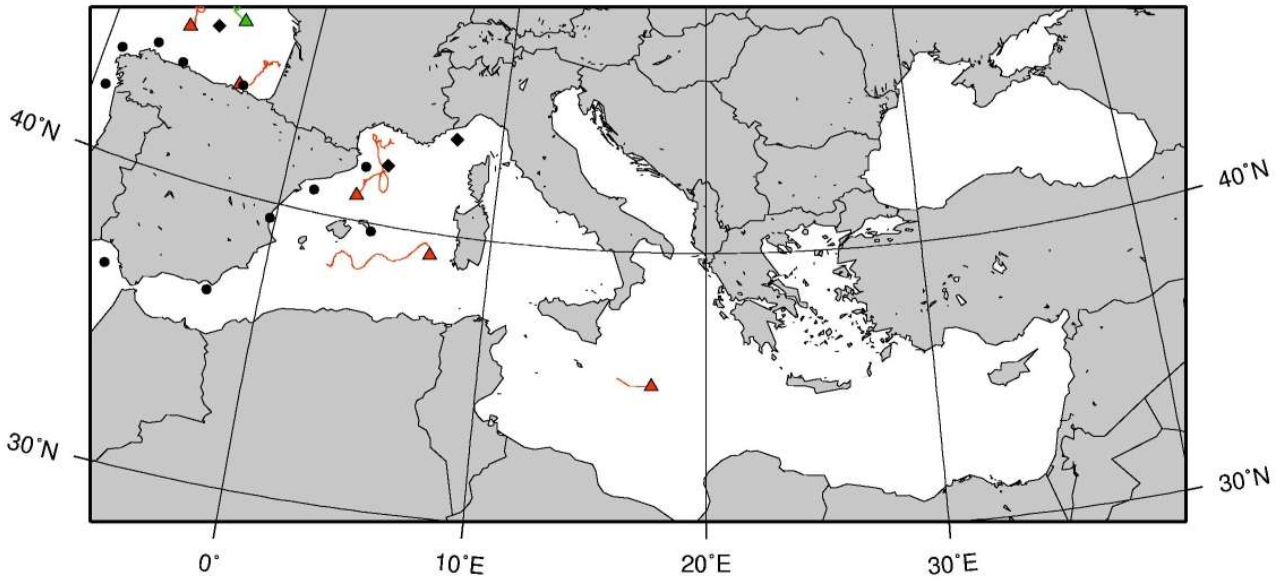
DATA BUOYS MONTHLY REPORT

April 2006



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

**E-SURFMAR DB Monthly Report
April 2006**



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

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DRIFTING BUOYS

Drifting buoys - New deployments

WMO	Argos	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
61839	59779	WSB	UP	20060409	36.0	16.4	Palerme	Weak transmission since deployment
61840	59780	WSB	UP	20060409	33.9	19.2	Palerme	No location since deployment
61841	59781	WSB	UP	20060409	34.8	17.1	Palerme	No location 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	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	26.60	-46.35	536
44607	52190	TSB	FR	717	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	34.69	-32.48	509
44609	52192	TSB	FR	725	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	45.92	-10.85	448
44611	52178	MSB	FR	699	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	60.42	-9.56	446
44613	42494	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	45.93	-41.24	36
44614	42495	MSB	EU	715	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	46.17	-37.73	36
44615	52183	MSB	FR	716	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	45.28	-23.46	444
44617	42812	MSB	EU	714	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	44.20	-44.85	35
44620	42487	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	44.96	-51.07	35
44722	52258	MSB	UK	672	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	50.06	-15.16	559
44723	52259	MSB	UK	720	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	62.18	-26.91	561
44725	21183	MSB	UK	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	56.19	-38.66	501
44728	52244	MSB	UK	689	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	54.17	-19.61	445
44729	52247	MSB	UK	716	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	43.74	-61.46	407
44730	52255	MSB	UK	716	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	61.80	-29.70	168
44742	52180	MSB	FR	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	53.76	-44.56	167
44745	42650	MSB	FR	765	-	-	X	X	-	-	-	X	-	-	-	T	0104-3004	33.27	-28.86	137
44746	52185	TSB	FR	720	-	-	X	X	-	-	-	X	-	-	-	T	0104-3004	39.50	-33.76	134
44747	52188	TSB	FR	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	41.14	-29.29	135
44760	52177	MSB	FR	711	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	52.56	-48.20	223
44761	52181	MSB	FR	701	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	50.24	-32.24	223
44762	46358	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	55.09	-40.16	111
44763	44874	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	54.01	-44.85	110
44764	44873	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	45.13	-47.22	109
44765	42815	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	47.88	-40.08	82
44766	42939	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	46.07	-34.60	82
44767	44878	MSB	EU	714	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	47.26	-32.75	83
44768	44877	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	64.41	-29.57	81
44769	44881	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	46.00	-50.74	81
44770	44272	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	55.93	-39.30	81
44771	46359	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	51.46	-47.96	79
44772	42488	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	40.29	-44.88	70
44773	42811	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	41.18	-45.85	70
44774	42661	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	40.79	-58.89	63
44776	44875	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	56.96	-33.83	56
44777	43739	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	51.46	-37.59	55
44778	43745	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	48.89	-44.35	54
44779	45885	MSB	EU	716	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	49.76	-35.59	41
44780	44871	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	52.06	-40.97	40
44842	55303	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	72.16	18.85	370
44844	55306	TSB	UP	776	-	-	X	X	X	-	-	S	-	-	-	L	0104-3004	65.41	6.31	372
44845	55311	TSB	UP	723	-	-	X	X	-	-	-	S	-	-	-	L	0104-3004	49.19	-24.17	373
44846	55313	TSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	45.81	-13.13	375
44847	55315	TSB	UP	722	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	38.29	-21.77	376
44848	55316	TSB	UP	813	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	36.71	-33.36	375
44850	55318	TSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	42.84	-21.12	281
44901	55321	TSB	UP	720	-	-	X	X	X	-	-	S	-	-	-	L	0104-3004	36.65	-35.49	280
61501	42652	MSB	FR	640	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	39.23	7.28	384
61504	42513	MSB	FR	665	-	-	X	X	X	-	-	S	-	-	-	T	0104-3004	40.88	3.46	88
61839	59779	WSB	UP	73	-	-	X	X	X	-	-	X	-	-	-	L	1704-3004	35.23	17.61	22
62510	52189	TSB	FR	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	28.01	-25.01	537
62514	54745	MSB	NL	689	-	-	X	X	-	-	-	-	-	-	-	T	0104-3004	62.94	-41.61	449
62515	34408	TSB	FR	718	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	43.61	-3.21	302
62556	42790	TSB	FR	718	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	24.38	-59.73	748
62557	42791	TSB	FR	713	-	-	X	X	-	-	-	X	-	-	-	T	0104-3004	24.31	-40.86	748
62560	37396	MSB	FR	751	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	43.42	-28.43	672
62562	37400	MSB	FR	780	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	50.66	-9.32	678
62564	42649	MSB	FR	723	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	37.55	-22.99	674
62567	52248	MSB	UK	719	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	37.22	-18.13	410

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62569	52250	MSB	UK	713	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	56.77	-29.09	245
62571	52196	MSW	FR	609	X	-	X	X	X	-	-	X	-	-	-	T	0104-3004	45.74	-3.80	146
62572	42646	MSB	FR	718	-	-	X	X	X	-	-	S	-	-	-	T	0104-3004	34.75	-13.78	143
62573	42810	MSB	EU	713	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	39.34	-33.63	71
62574	46247	MSB	EU	714	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	50.50	-22.46	41
62575	44883	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	48.71	-30.27	41
62934	55314	TSB	UP	720	-	-	X	X	X	-	-	S	-	-	-	L	0104-3004	44.97	-6.40	373
62935	55319	TSB	UP	725	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	42.23	-20.54	272
64614	52184	MSB	FR	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	64.92	-26.05	170
64615	44880	MSB	EU	716	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	64.57	-27.86	113
64616	44876	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	60.42	-33.94	82
64617	42814	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	59.94	-36.38	57
64929	55309	TSB	UP	737	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	67.47	1.19	316

Drifting buoys which ceased to be operational

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
64613	52254	MSB	UK	20060407	63.9	-34.8	202	Unknown

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
44616	21092	MSB	UK	814	-	-	-	-	X	-	-	X	-	-	-	T	0104-3004	60.13	-11.84	875
44727	52245	MSB	UK	625	-	-	-	-	X	-	-	X	-	-	-	T	0104-3004	42.11	-20.41	445
44744	34411	TSB	FR	706	-	-	-	-	X	-	-	-	-	-	-	T	0104-3004	35.02	-10.16	986
44831	55307	TSB	UP	728	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	60.94	-2.19	318
44849	55317	TSB	UP	1055	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	43.56	-38.47	283
64612	54744	MSB	NL	716	-	-	-	-	X	-	-	X	-	-	-	T	0104-3004	63.15	-5.85	477

Non-operating drifting buoys which stopped to report GTS data

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44832	55308	TSB	UP	20060418	57.9	-7.0	305	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
41525	56017	NAVO		567	X	-	X	X	X	-	-	X	-	-	-	L	0704-3004	27.30	-67.97
41535	34820	NAVO		719	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	15.31	-56.33
41536	40455	NAVO		2119	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	13.72	-60.97
41537	40456	NAVO		1678	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	17.64	-67.30
41545	47582	NAVO		706	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	25.05	-55.75
41625	56019	NAVO		710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	26.54	-66.88
41645	56023	NAVO		1094	X	-	X	X	X	-	-	X	-	-	-	L	0104-3004	30.76	-69.59
44635				175	-	-	X	X	X	-	-	-	-	-	-	O	0104-3004	49.67	-31.22
44637				299	-	-	X	X	X	-	-	-	-	-	-	O	0104-3004	39.13	-65.18
44903	36256	GDC		721	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	46.91	-28.34
71645				16	-	X	X	-	-	-	-	-	-	-	-	T	1004-3004	60.15	24.93

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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	711	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	43.40	7.80
61002	Lion	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	42.10	4.70
62001	Gascogne	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	45.30	-5.00
62029	K1	705	-	X	X	X	X	X	X	-	-	X	-	O	0104-3004	48.70	-12.50
62052	Ushant	484	X	-	X	X	-	-	-	-	-	-	-	O	1004-3004	48.50	-5.80
62081	K2	718	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	51.00	-13.20
62090	M1	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	53.10	-11.20
62091	M2	691	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	53.50	-5.40
62092	M3	714	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	51.20	-10.50
62093	M4	714	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	54.70	-9.10
62094	M5	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	51.70	-6.70
62105	K4	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	55.80	-11.40
62108	K3	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	53.50	-19.50
62163	Brittany	719	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	47.50	-8.40
64045	K5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64046	K7	714	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	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	-	-	-	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	-	-	-	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	-	-	-	-	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	-	-	-	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	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 May 2nd, 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	712	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	14.50	-53.00
41041	Mid. Atlantic	714	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	14.50	-46.00
41100	E Guadeloupe	712	-	X	X	X	X	X	X	-	-	X	-	O	0104-3004	15.90	-57.90
41101	E Martinique	712	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	14.60	-56.20
44008	A Nantucket	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	40.50	-69.40
44011	D Georges Bk	715	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	41.10	-66.60
44018	SE Cape Cod	711	X	X	X	X	X	X	X	-	-	X	-	O	0104-3004	41.30	-69.30
44024	NNE Channel	706	X	X	X	X	X	X	X	-	-	-	-	O	0104-3004	42.30	-65.90
44137	E Scotia Sl.	715	X	X	X	X	X	X	X	-	-	-	-	O	0104-3004	42.30	-62.00
44138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-	-		44.30	-53.60
44139	Beanquereau	716	X	-	X	X	X	X	X	-	-	-	-	O	0104-3004	44.30	-57.10
44140	Tail of Bk	717	X	X	X	X	X	X	X	-	-	-	-	O	0104-3004	43.80	-51.70
44141	Larentian F	713	X	X	X	X	X	X	X	-	-	-	-	O	0104-3004	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, April 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060430	13534	52187	718	6	-0.2	0.7
20060430	44607	52190	711	0	0.0	0.5
20060430	44609	52192	623	0	0.3	0.8
20060430	44611	52178	695	0	-0.3	1.2
20060430	44613	42494	717	0	0.5	0.7
20060430	44614	42495	710	0	0.2	0.7
20060430	44615	52183	711	0	-0.2	0.7
20060430	44617	42812	711	1	0.8	0.8
20060430	44620	42487	715	0	0.5	0.9
20060430	44722	52258	671	0	-0.1	0.8
20060430	44723	52259	716	1	0.0	1.3
20060430	44725	21183	712	1	0.8	1.0
20060430	44728	52244	688	0	0.2	1.0
20060430	44729	52247	716	0	-0.7	1.1
20060430	44730	52255	705	1	0.2	1.2
20060430	44742	52180	718	0	-0.4	1.0
20060430	44745	42650	710	0	0.2	0.5
20060430	44746	52185	716	0	0.0	0.6
20060430	44747	52188	715	0	0.1	0.7
20060430	44760	52177	703	0	0.3	1.1
20060430	44761	52181	696	0	0.1	0.9
20060430	44762	46358	718	0	-0.1	1.0
20060430	44763	44874	719	0	0.1	0.9
20060430	44764	44873	716	0	-0.3	0.9
20060430	44765	42815	712	1	0.2	0.8
20060430	44766	42939	715	0	0.1	0.7
20060430	44767	44878	710	0	0.3	0.7
20060430	44768	44877	717	0	-0.1	1.3
20060430	44769	44881	719	0	0.3	0.9
20060430	44770	44272	714	0	-0.2	1.0
20060430	44771	46359	716	1	-0.1	0.9
20060430	44772	42488	717	0	0.2	0.7
20060430	44773	42811	716	0	0.2	0.8
20060430	44774	42661	715	0	0.3	1.2
20060430	44776	44875	714	1	0.1	1.0
20060430	44777	43739	716	0	-0.2	0.9
20060430	44778	43745	717	0	-0.2	0.9
20060430	44779	45885	713	0	0.0	0.7
20060430	44780	44871	717	0	0.2	0.8
20060430	44842	55303	661	0	0.0	0.7
20060430	44844	55306	697	0	-0.1	1.1
20060430	44845	55311	666	0	-0.1	0.8
20060430	44846	55313	660	0	0.1	0.8
20060430	44847	55315	663	0	0.2	0.8
20060430	44848	55316	759	0	0.0	0.6
20060430	44850	55318	673	0	0.0	0.7
20060430	44901	55321	667	0	0.1	0.6
20060430	61501	42652	636	2	0.8	0.7
20060430	61504	42513	656	1	0.2	0.8
20060430	61839	59779	69	0	-0.7	0.9
20060430	62510	52189	714	0	0.1	0.5
20060430	62514	54745	684	0	0.3	1.2
20060430	62515	34408	709	0	-0.2	0.8
20060430	62556	42790	717	0	0.0	0.8
20060430	62557	42791	704	0	0.2	0.7
20060430	62560	37396	673	0	0.1	0.7
20060430	62562	37400	650	0	0.7	0.9
20060430	62564	42649	718	1	0.0	0.7
20060430	62567	52248	709	0	-0.2	0.6
20060430	62569	52250	704	0	0.4	1.1
20060430	62571	52196	598	1	0.2	0.7
20060430	62572	42646	712	1	0.0	0.7
20060430	62573	42810	709	1	0.2	0.6
20060430	62574	46247	710	0	0.3	0.8
20060430	62575	44883	713	1	-0.1	0.8

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20060430	62934	55314	655	0	0.2	0.7
20060430	62935	55319	672	0	0.1	0.7
20060407	64613	52254	144	0	0.0	1.1
20060430	64614	52184	712	1	0.0	1.4
20060430	64615	44880	712	0	-0.1	1.3
20060430	64616	44876	714	0	-0.2	1.1
20060430	64617	42814	710	0	0.1	1.1
20060430	64929	55309	669	0	-0.1	1.1

Air Pressure (hPa), moored buoys, April 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060430	61001		711	0	-0.3	0.7
20060430	61002		714	0	0.4	0.6
20060430	62001		715	0	-0.2	0.7
20060430	62029		695	0	0.1	1.1
20060430	62052		484	0	0.6	0.7
20060430	62081		710	2	0.1	1.0
20060430	62090		714	0	0.1	0.9
20060430	62091		691	0	0.0	0.9
20060430	62092		711	0	0.3	0.9
20060430	62093		714	0	0.0	1.1
20060430	62094		715	0	0.2	0.7
20060430	62105		715	1	-0.3	1.0
20060430	62108		715	0	0.3	0.9
20060430	62163		713	0	0.1	0.8
20060430	64046		712	1	0.3	1.2

Air Temperature (C), moored buoys, April 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060430	61001		710	0	0.5	0.6
20060430	61002		715	0	0.2	0.8
20060430	62001		715	0	0.3	0.6
20060430	62029		703	0	0.0	0.5
20060430	62081		713	2	0.0	0.7
20060430	62090		715	0	-0.1	0.4
20060430	62091		691	0	0.0	1.1
20060430	62092		713	3	-0.1	0.5
20060430	62093		714	0	0.1	0.8
20060430	62094		715	0	0.2	0.8
20060430	62105		715	0	-0.3	0.6
20060430	62108		709	0	-0.1	0.5
20060430	62163		717	0	0.0	0.5
20060430	64046		712	1	-0.4	0.9

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060430	62571	52196	399	13	2.	26.

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20060430	61001		711	87	-3.	44.
20060430	61002		714	10	-3.	20.
20060430	62001		715	13	1.	26.
20060430	62052		165	7	1.	39.
20060430	62081		710	12	0.	18.
20060430	62090		711	1	0.	17.
20060430	62091		691	14	-2.	27.
20060430	62092		714	9	3.	21.
20060430	62093		714	9	-5.	22.
20060430	62094		715	9	-2.	22.
20060430	62105		708	7	1.	18.
20060430	62108		709	3	-1.	16.
20060430	62163		713	14	-5.	25.
20060430	64046		688	10	0.	17.

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Wind speed rate, drifting buoys, April 2006

Datend	WMO	Argos	Recvd	GE	Rate	Err
20060430	62571	52196	399	6	1.8	2.1

Wind speed rate, moored buoys, April 2006

Datend	WMO	Argos	Recvd	GE	Rate	Err
20060430	61001		711	0	1.8	1.5
20060430	61002		714	0	1.2	1.4
20060430	62001		715	0	1.2	1.7
20060430	62052		165	0	0.2	9.4
20060430	62081		712	0	1.1	1.4
20060430	62090		715	0	1.0	1.5
20060430	62091		691	0	1.3	1.7
20060430	62092		714	1	0.7	4.0
20060430	62093		714	0	1.2	1.6
20060430	62094		715	0	1.4	1.4
20060430	62105		708	0	0.9	1.5
20060430	62108		715	0	1.0	1.4
20060430	62163		719	0	1.1	1.4
20060430	64046		711	1	1.1	1.8

Comments on QC statistics :

Wind

1. 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.
2. Ushant buoy (WMO **62052**) reported abnormal calm winds in April. The GTS data transmission has been stopped for this parameter.
3. Irish buoy M3 (WMO **62092**) also reported calm winds in April. The problem has been fixed.

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.