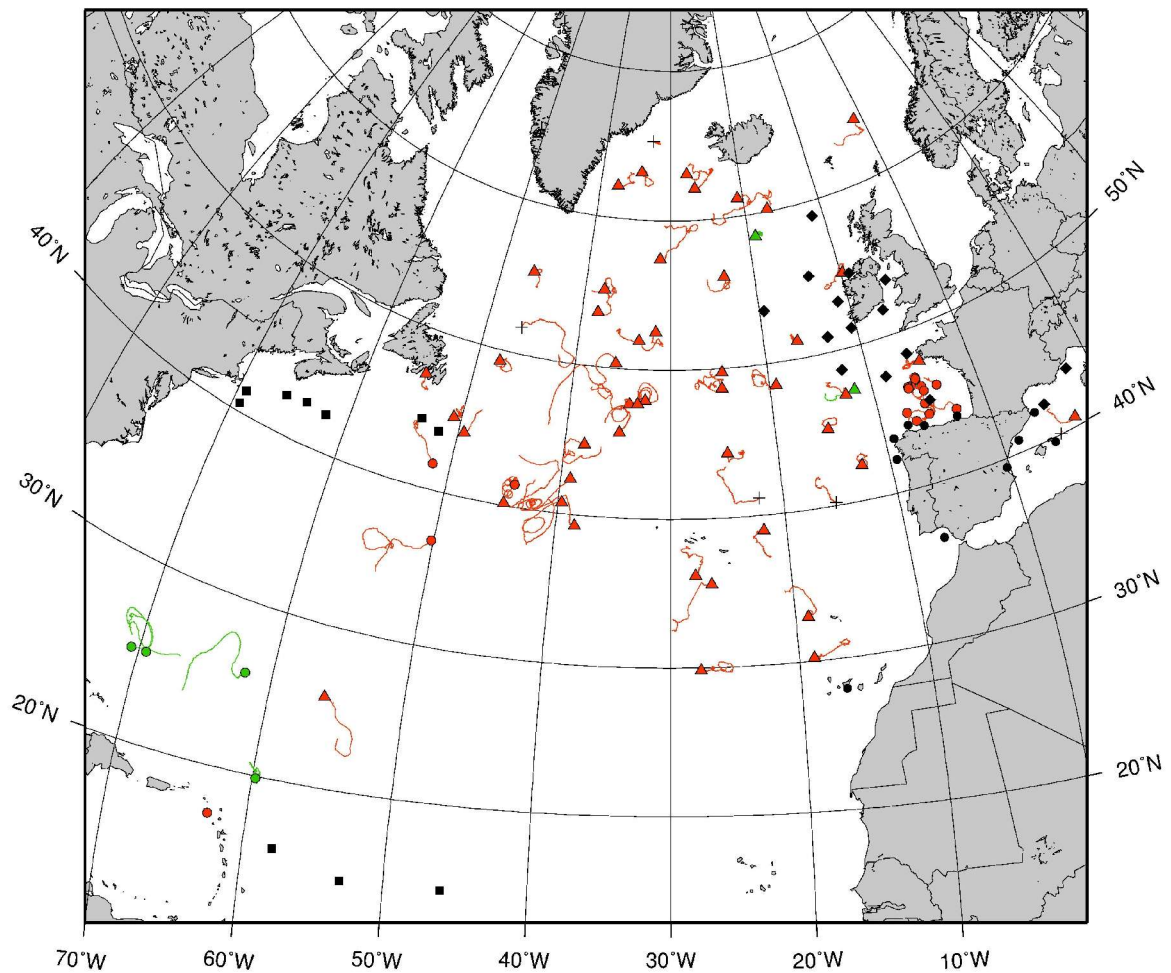
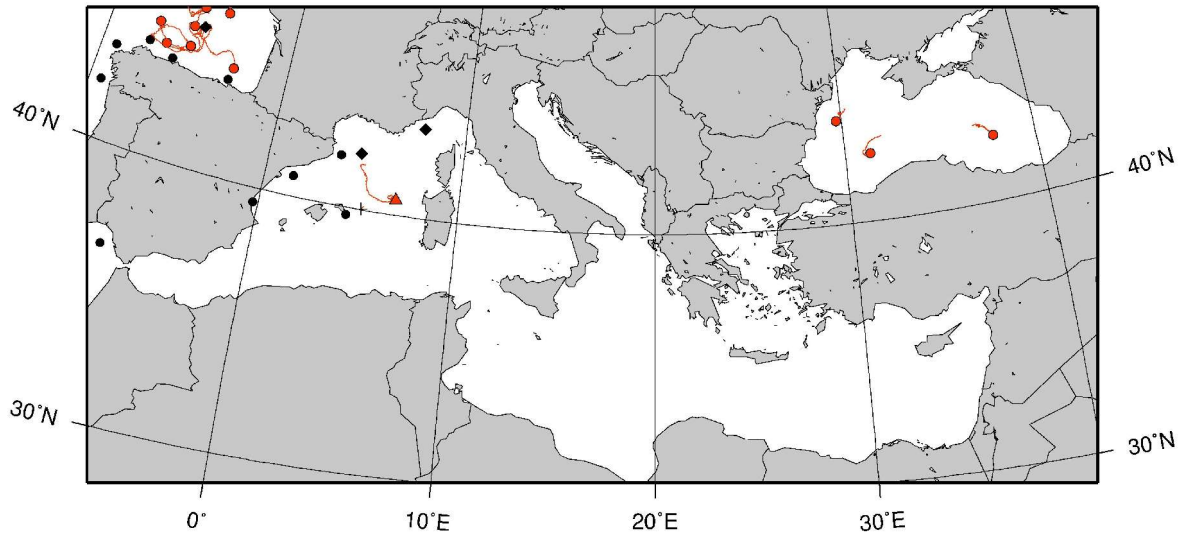


DATA BUOYS MONTHLY REPORT

May 2005



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



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

E-SURFMAR DB Monthly Report May 2005

DRIFTING BUOYS

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	726	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	36.19	-27.93	202
44549	42794	TSB	FR	748	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	52.54	-31.70	337
44550	52193	TSB	FR	738	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	47.94	-32.57	199
44607	52190	TSB	FR	735	-	-	X	X	X	-	-	-	-	-	-	T	0105-3105	39.26	-38.37	175
44608	52191	TSB	FR	1014	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	40.72	-39.67	176
44609	52192	TSB	FR	731	-	-	X	X	X	-	-	-	-	-	-	T	0105-3105	47.65	-34.14	114
44610	52252	MSB	UK	720	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	53.62	-38.24	112
44611	52178	MSB	FR	705	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	51.93	-33.47	112
44612	21124	MSB	UK	795	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	60.16	-17.00	568
44615	52183	MSB	FR	724	-	-	X	X	X	-	-	S	-	-	-	T	0105-3105	44.96	-50.73	110
44628	21329	MSB	UK	844	-	-	X	X	X	-	-	-	-	-	-	T	0105-3105	29.83	-27.66	726
44722	52258	MSB	UK	692	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	47.66	-33.33	225
44723	52259	MSB	UK	727	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	63.19	-34.28	227
44725	21183	MSB	UK	727	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	55.53	-46.27	167
44726	52253	MSB	UK	716	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	49.27	-47.69	140
44727	52245	MSB	UK	723	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	45.73	-34.97	111
44728	52244	MSB	UK	727	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	50.33	-35.76	111
44729	52247	MSB	UK	733	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	47.10	-54.47	73
44743	21046	MSB	EU	733	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	42.30	-12.56	624
44745	34408	TSB	EU	723	-	-	X	X	X	-	-	-	-	-	-	T	0105-3105	47.79	-4.82	652
44775	09308	CFB	DE	850	-	X	X	X	X	-	-	-	-	-	-	T	0105-3105	56.11	-23.62	233
44777	06666	CFB	IE	584	-	X	X	X	-	-	-	-	-	-	-	T	0105-3105	25.62	-55.90	777
44778	06667	CFB	IE	418	-	X	X	S	X	-	-	-	-	-	-	T	0105-3105	35.57	-26.64	777
44842	55303	TSB	UP	749	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	57.42	-31.32	36
44843	55305	TSB	UP	752	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	62.13	-26.61	36
44844	55306	TSB	UP	745	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	55.17	-37.78	38
44845	55311	TSB	UP	863	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	44.13	-49.49	39
44846	55313	TSB	UP	1011	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	44.73	-38.18	41
44847	55315	TSB	UP	974	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	42.37	-39.11	42
44848	55316	TSB	UP	898	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	40.16	-44.73	41
61501	42652	MSB	FR	730	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	40.57	6.78	50
62510	52189	TSB	FR	743	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	39.00	-21.97	203
62511	52195	MSW	FR	627	X	-	X	X	X	-	-	X	-	-	-	T	0105-3105	47.24	-11.74	188
62513	42789	TSB	FR	726	-	-	X	X	X	-	-	-	-	-	-	T	0105-3105	48.64	-24.83	115
62514	54745	MSB	NL	719	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	63.10	-27.69	115
62556	42790	TSB	FR	735	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	32.98	-19.00	414
62557	42791	TSB	FR	727	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	30.22	-18.84	414
62560	37396	MSB	FR	890	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	45.05	-14.98	338
62562	37400	MSB	FR	805	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	51.19	-16.46	344
62563	42648	MSB	FR	700	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	54.86	-9.82	358
62564	42649	TSB	FR	726	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	44.30	-24.70	340
62566	42658	TSW	FR	710	X	-	X	X	X	-	-	X	-	-	-	T	0105-3105	58.52	-19.14	357
62567	52248	MSB	UK	652	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	47.05	-12.68	76
62901	55312	TSB	UP	757	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	49.75	-24.73	39
62934	55314	TSB	UP	996	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	48.51	-19.33	39
64609	52257	MSB	UK	723	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	62.17	-37.53	228
64610	52256	MSB	UK	639	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	63.94	-1.25	216
64612	54744	MSB	FR	726	-	-	X	X	X	-	-	X	-	-	-	T	0105-3105	61.22	-20.77	143

Drifting buoys which ceased to be operational

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44601	52194	TSB	FR	20050508	51.76	-46.24	174	AP failed
44627	21191	TSB	UK	20050531	41.16	-22.16	421	Faded
61502	42653	MSB	FR	20050502	40.02	5.12	20	Failed
62512	42651	MSB	FR	20050518	40.22	-15.43	174	AP failed
64611	52179	MSB	FR	20050514	65.31	-32.71	126	Failed

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	752	-	-	-	-	X	-	-	-	-	-	-	T	0105-3105	51.76	-46.24	198
44616	21092	MSB	UK	776	-	-	-	-	X	-	-	X	-	-	-	T	0105-3105	55.92	-29.07	541
44627	21191	TSB	UK	763	-	-	-	X	X	-	-	X	-	-	-	T	0105-3105	41.16	-22.16	421
44744	34411	TSB	FR	733	-	-	-	-	X	-	-	-	-	-	-	T	0105-3105	38.49	-15.00	652
62512	42651	MSB	FR	713	-	-	-	-	X	-	-	X	-	-	-	T	0105-3105	40.22	-15.43	188

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
41539	02803	UW		186	X	-	X	X	X	-	-	X	-	-	-	L	2205-3105	25.23	-69.63
41540	47577	NAVO		669	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	41.48	-44.02
41543	47580	NAVO		735	X	-	X	X	X	-	-	X	-	-	-	L	0105-3105	25.84	-62.03
41544	47581	NAVO		721	X	-	X	X	X	-	-	X	-	-	-	L	0105-3105	19.86	-59.77
41545	47582	NAVO		268	X	-	X	X	X	-	-	X	-	-	-	L	0105-3105	25.05	-69.45
41663	47640	NAVO		1666	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	17.27	-62.74
41939	49585	GDC		673	-	-	X	-	X	-	-	X	-	-	-	L	0105-3105	36.81	-50.19
44635	09238	EC		353	-	-	X	X	X	-	-	-	-	-	-	O	0105-3105	41.68	-51.59
61767	34253	NAVO		1974	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	42.47	37.81
61768	34859	NAVO		721	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	43.97	29.72
61769	34860	NAVO		736	-	-	X	X	X	-	-	X	-	-	-	L	0105-3105	42.59	31.33
62501	52198	CMM		655	-	-	X	X	X	-	-	X	-	-	X	T	0105-3105	44.18	-6.72
62502	42656	CMM		733	-	-	X	X	X	-	-	X	-	-	X	T	0205-3105	46.88	-5.72
62503	52197	CMM		638	-	-	X	X	X	-	-	X	-	-	X	T	0205-3105	46.23	-5.37
62907	56362	GDC		277	-	-	X	-	X	-	-	-	-	-	X	L	0105-3105	46.44	-6.29
62908	56363	GDC		288	-	-	X	-	-	-	-	-	-	-	X	L	0105-3105	45.99	-3.93
62909	56364	GDC		160	-	-	X	-	X	-	-	-	-	-	X	L	0405-3105	46.72	-5.75
62910	56365	GDC		246	-	-	X	-	X	-	-	-	-	-	X	L	0105-3105	44.07	-2.88
62926	56366	GDC		308	-	-	X	-	X	-	-	-	-	-	X	L	0105-3105	45.11	-5.55
62927	56367	GDC		104	-	-	X	-	X	-	-	-	-	-	X	L	0305-3105	46.43	-6.63
62928	56368	GDC		236	-	-	X	-	X	-	-	-	-	-	X	L	0405-3105	46.80	-5.84
62929	56369	GDC		236	-	-	X	-	X	-	-	-	-	-	X	L	0105-3105	45.90	-5.25
62930	56370	GDC		285	-	-	X	-	X	-	-	-	-	-	X	L	0105-3105	44.85	-7.39
62931	56371	GDC		406	-	-	X	-	X	-	-	-	-	-	X	L	0105-3105	44.37	-5.44
62932	56372	GDC		299	-	-	X	-	X	-	-	-	-	-	X	L	0405-3105	46.33	-6.61

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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	707	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	43.40	7.80
61002	Lion	740	X	X	X	X	X	-	-	-	-	X	-	X	0105-3105	42.10	4.70
62001	Gascogne	742	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	45.20	-5.00
62029	K1	744	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	48.70	-12.50
62052	Ushant	672	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	48.50	-5.80
62081	K2	701	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	51.00	-13.30
62090	M1	595	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	53.10	-11.20
62091	M2	743	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	53.50	-5.40
62092	M3	743	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	51.20	-10.50
62093	M4	687	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	54.70	-9.10
62094	M5	698	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	51.70	-6.70
62105	K4	685	S	X	X	X	X	X	-	-	-	-	-	X	0105-3105	55.20	-13.70
62108	K3	742	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	53.50	-19.50
62163	Brittany	743	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	47.50	-8.40
64045	K5	740	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	59.00	-11.40
64046	K7	-	-	-	-	-	-	-	-	-	-	-	-	-	60.70	-5.20	

Comments :
- EUCOS moored buoys are presented in bold characters.

Operating EGOS moored buoys (Seawatch and Wavescan)

WMO	Name	Nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
13130	Gran Canaria	-	-	-	-	-	-	-	-	-	-	-	-	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	-	-	-	-	-	O			41.92	3.65
61197	Mahon	X	X	X	-	X	X	-	-	-	-	-	O			39.72	4.42
61198	C. de Gata	-	-	-	-	-	-	-	-	-	-	-	-			36.57	-2.33
61199	M. Alboran	-	-	-	-	-	-	-	-	-	-	-	O			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-Vizc.	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	-	-	-	-	O			44.07	-7.62
62083	Villano-Sis.	X	X	X	-	X	X	X	-	-	-	X	O			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	-	-	-	-	O			36.48	-6.97

Comments :
- The snapshot for Seawatch and Wavescan buoys - here above - is dated June 5th 2005
- The EUCOS moored buoy is presented in bold characters.
- GTS BUFER data monitoring tools are not yet available. This explains why the number of reports and the observation period are missing.

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	7	X	X	X	X	X	X	-	-	-	X	-	X	3105-3105	14.50	-53.00
41041	Mid. Atlantic	59	X	X	X	X	X	X	-	-	-	X	-	X	2905-3105	14.50	-46.00
41100	E. Guadelou.	711	X	X	X	X	X	X	X	-	-	X	-	X	0105-3105	15.90	-57.90
41101	E. Martiniq.	-	-	-	-	-	-	-	-	-	-	-	-			14.60	-56.20
44008	A Nantucket	740	-	X	X	X	X	X	-	-	-	X	-	X	0105-3105	40.50	-69.40
44011	D Georges Bk	-	-	-	-	-	-	-	-	-	-	-	-			41.10	-66.60
44018	SE Cape Cod	728	X	X	X	X	X	X	-	-	-	X	-	X	0105-3105	41.30	-69.30
44024	NNE Channel	695	X	X	X	X	X	X	-	-	-	-	X			42.30	-65.90
44137	E Scotia Sl.	744	X	X	X	X	X	X	-	-	-	-	-	X	0105-3105	42.30	-62.00
44138	SW Gd Banks	742	X	X	X	X	X	X	-	-	-	-	-	X	0105-3105	44.30	-53.60
44139	Beanquereau	440	S	S	S	S	S	S	-	-	-	-	-		0105-2605	44.30	-57.10
44140	Tail of Bk	33	X	X	X	X	X	X	-	-	-	-	-	X	3005-3105	43.80	-51.80
44141	Laurentian F	156	-	-	-	-	-	-	-	-	-	-	-			43.00	-58.00
44142	La Have Bk	739	X	X	X	X	X	X	-	-	-	-	-	X	0105-3105	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, EU for EUCOS or UP for upgraded buoys)
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, May 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050531	13534	52187	724	0	-0.4	0.9
20050531	44549	42794	623	1	0.2	0.7
20050531	44550	52193	631	0	0.0	0.8
20050509	44601	52194	192	0	0.2	2.1
20050531	44607	52190	735	0	0.0	0.7
20050531	44608	52191	1013	0	-0.1	0.6
20050531	44609	52192	641	0	-0.2	0.8
20050531	44610	52252	715	1	-0.2	0.6
20050531	44611	52178	703	0	0.0	0.7
20050531	44612	21124	635	1	0.4	0.7
20050531	44615	52183	721	0	0.0	0.7
20050530	44627	21191	621	0	-0.3	0.8
20050531	44628	21329	668	0	-0.1	0.5
20050531	44722	52258	690	1	-0.1	0.9
20050531	44723	52259	718	1	0.1	0.7
20050531	44725	21183	719	3	0.5	0.7
20050531	44726	52253	711	1	-0.1	0.9
20050531	44727	52245	718	0	0.1	0.8
20050531	44728	52244	722	0	0.3	0.8
20050531	44729	52247	729	0	-0.5	0.9
20050531	44743	21046	608	0	0.1	0.7
20050531	44745	34408	715	0	-0.1	0.6
20050531	44775	09308	710	0	0.0	0.8
20050531	44777	06666	532	0	-0.1	0.7
20050531	44778	06667	362	0	0.1	0.9
20050531	44842	55303	667	0	0.0	0.7
20050531	44843	55305	673	0	0.1	0.6
20050531	44844	55306	673	0	0.0	0.6
20050531	44845	55311	782	0	0.0	0.8
20050531	44846	55313	894	0	-0.1	0.7
20050531	44847	55315	876	0	-0.1	0.7
20050531	44848	55316	802	0	0.0	0.7
20050531	61501	42652	725	0	0.4	0.6
20050502	61502	42653	23	0	0.4	0.4
20050531	62510	52189	740	0	0.2	0.7
20050531	62511	52195	615	0	0.4	0.8
20050518	62512	42651	387	2	1.4	1.3
20050531	62513	42789	724	0	0.0	1.0
20050531	62514	54745	710	0	0.0	0.6
20050531	62556	42790	668	0	-0.1	0.5
20050531	62557	42791	695	2	0.1	0.5
20050531	62560	37396	712	3	0.6	1.0
20050531	62562	37400	652	1	0.5	1.1
20050531	62563	42648	691	1	-0.2	1.0
20050531	62564	42649	723	2	0.5	0.8
20050531	62566	42658	693	1	0.1	0.8
20050531	62567	52248	649	0	-0.1	0.8
20050531	62901	55312	676	0	-0.2	0.9
20050531	62934	55314	847	0	-0.1	1.2
20050531	64609	52257	718	0	0.1	0.7
20050531	64610	52256	634	2	0.2	0.9
20050514	64611	52179	288	0	-0.2	0.9
20050531	64612	54744	723	0	-0.6	0.7

Air Pressure (hPa), moored buoys, May 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050531	61001		707	0	-0.1	0.6
20050531	61002		739	0	-0.1	0.6
20050531	62001		741	2	0.0	0.6
20050531	62029		730	0	-0.1	0.9
20050531	62081		700	1	-0.2	0.9
20050531	62090		584	2	0.0	1.1
20050531	62091		730	0	-0.2	0.9
20050531	62092		741	0	0.1	0.9
20050531	62093		686	0	-0.1	1.1
20050531	62094		694	0	0.3	0.8
20050531	62105		668	2	-0.4	1.1
20050531	62108		741	0	0.3	0.8
20050531	62163		743	1	0.1	0.7
20050531	64045		738	1	0.0	0.8

Air Temperature (C), drifting buoys, May 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050531	44775	09308	698	1	0.1	0.8
20050531	44777	06666	508	0	0.5	0.8
20050531	44778	06667	358	0	0.2	0.8

Air Temperature (C), moored buoys, May 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050531	61001		706	1	0.7	0.9
20050531	61002		739	0	-0.1	0.8
20050531	62001		741	0	-0.1	0.6
20050531	62029		743	1	-0.2	0.5
20050531	62081		701	0	-0.2	0.5
20050531	62090		552	0	-0.2	0.5
20050531	62091		739	0	-0.6	1.1
20050531	62092		728	0	-0.8	0.7
20050531	62093		676	1	0.2	0.8
20050531	62094		695	1	0.0	0.8
20050531	62105		670	1	-0.3	0.9
20050531	62108		731	1	-0.2	0.5
20050531	62163		743	0	-0.1	0.5
20050531	64045		739	1	-0.2	0.6

Wind direction (deg.), drifting buoys, May 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050531	62511	52195	504	8	10.	20.
20050531	62566	42658	562	1	-2.	19.

Wind direction (deg.), moored buoys, May 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050531	61001		705	152	3.	41.
20050531	61002		734	60	-6.	25.
20050531	62001		734	13	-1.	21.
20050531	62029		731	6	2.	21.
20050531	62081		701	4	-2.	19.
20050531	62090		551	8	-2.	24.
20050531	62091		732	27	-5.	25.
20050531	62092		727	7	0.	18.
20050531	62093		675	23	-5.	25.
20050531	62094		699	5	-2.	23.
20050519	62105		369	5	-1.	21.
20050531	62108		723	28	4.	16.
20050531	62163		743	6	0.	16.

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Wind speed rate, drifting buoys, May 2005

Datend	WMO	Argos	Recvd	GE	Rate	Err
20050531	62511	52195	504	0	1.4	1.7
20050531	62566	42658	562	0	1.0	1.9

Wind speed rate, moored buoys, May 2005

Datend	WMO	Argos	Recvd	GE	Rate	Err
20050531	61001		706	0	1.5	1.9
20050531	61002		734	0	1.2	1.5
20050531	62001		742	1	1.2	1.3
20050531	62029		731	0	1.0	1.4
20050531	62081		701	1	0.9	1.9
20050531	62090		552	0	1.1	1.6
20050531	62091		742	0	1.3	1.7
20050531	62092		742	3	1.2	1.6
20050531	62093		675	2	0.9	2.0
20050531	62094		699	0	1.2	1.4
20050519	62105		383	0	0.6	4.4
20050531	62108		728	0	1.0	1.6
20050531	62163		743	1	1.1	1.4
20050531	64045		718	0	1.1	1.8

Comments on QC statistics :

Air pressure

1. SVP-B drifters 52194 and 42651 (WMO **44601** and **62512** respectively) reported some dubious air pressure values before they stopped transmitting.

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.
3. K4 moored buoy (WMO **62105**) reported a few abnormal wind speed before this parameter was removed from the GTS data transmission.

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.