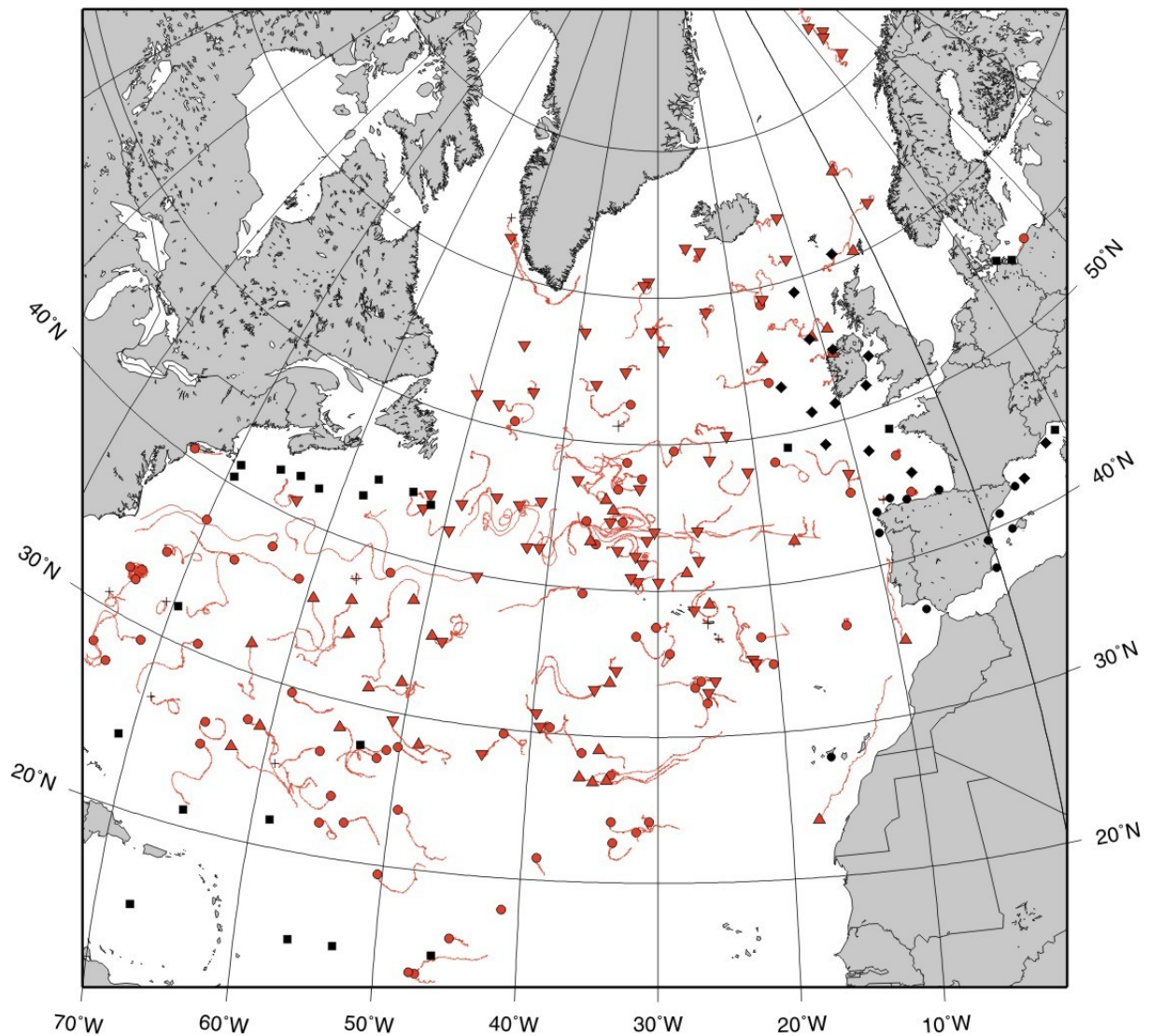


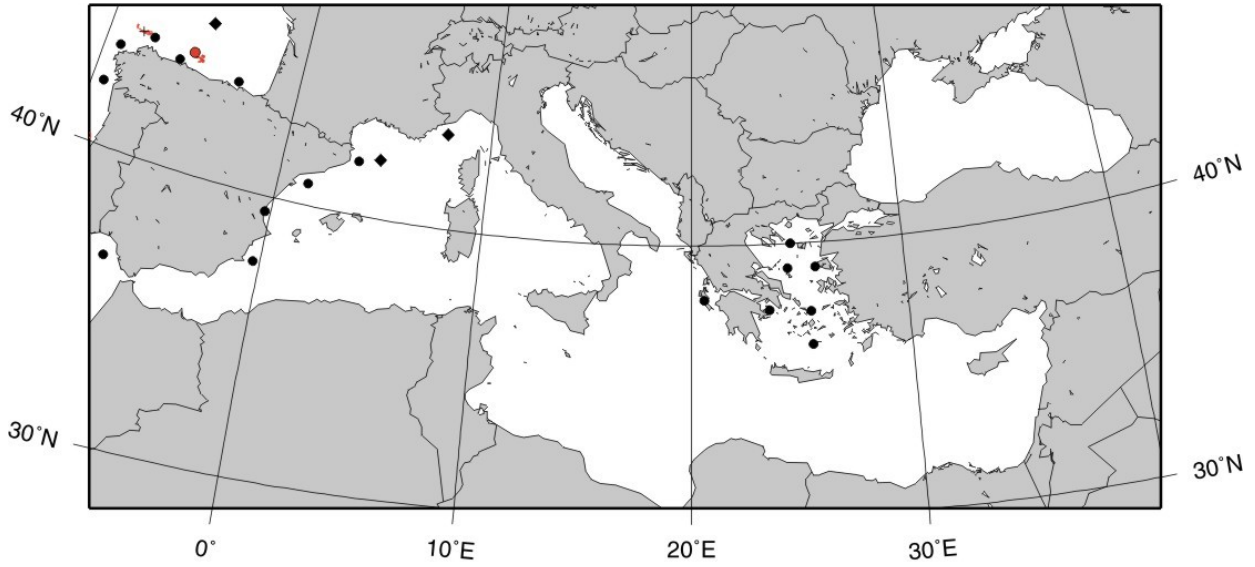
## DATA BUOY MONTHLY REPORT

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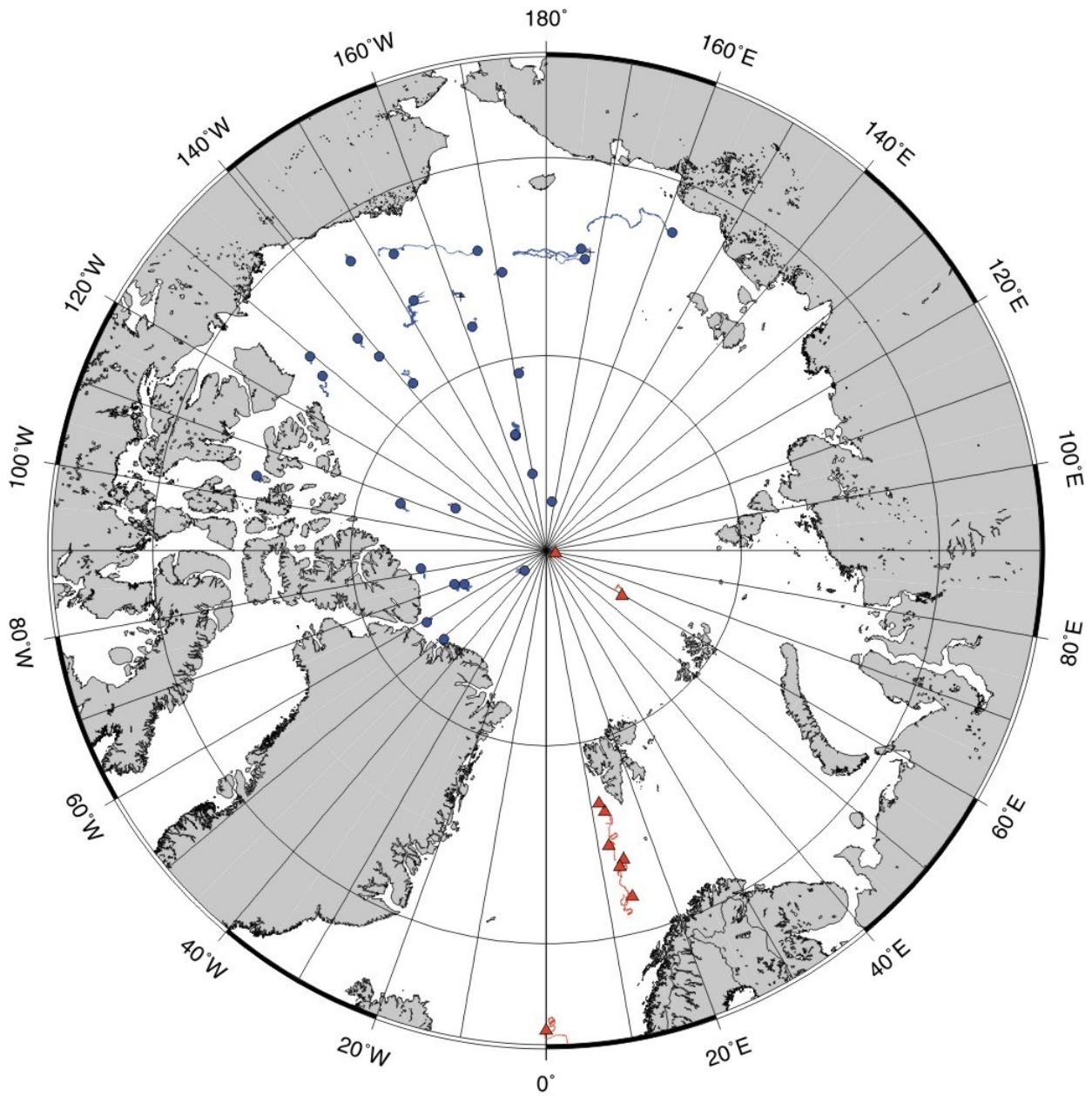


August 2011 - Operating data buoys in the North Atlantic  
Drifting buoy trajectories and moored buoy positions

**E-SURFMAR DB Monthly Report**  
**August 2011**



August 2011 - Operating data buoys in the Mediterranean Sea  
Drifting buoy trajectories and moored buoy positions



August 2011 - Drifting buoy trajectories in Arctic Ocean and adjacent seas

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**DRIFTING BUOYS**  
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**Network status**

By the end of August, **96 drifting buoys**, reporting air pressure or wind at least, onto the GTS, were in operation in the EUCOS area in the frame of E-SURFMAR. Out of these, 60 were E-SURFMAR funded Iridium SVP-Bs.

The remaining buoys were 31 Argos drifters owned by NOAA and upgraded with barometers by E-SURFMAR and five Iridium SVP-B drifters operated by Environment Canada.

In addition, two SVP-B drifters deployed by RV Polarstern were in operation in the Arctic.

Information about the availability of buoys for future deployments may be get from the E-SURFMAR wikisite (working area) at: [http://esurfmar.meteo.fr/wikisurf-wa/index.php/Availability\\_of\\_drifting\\_buoys](http://esurfmar.meteo.fr/wikisurf-wa/index.php/Availability_of_drifting_buoys)

The GTS data transmission of Iridium buoys did not suffered from any interruptions in August.

The transmission of air pressure will be released for two buoys at the beginning of September: WMO 4400835 and 4400913. They were removed because they were judged dubious. It seems they have been fine back, at least for two weeks.

**Drifting buoys - New deployments**

WMO	Telcom	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
2600553	10826150	MSB	EU	20110814	86.0	59.4	Bremerhaven	Polarstern
2600554	10828610	MSB	EU	20110823	89.9	55.6	Bremerhaven	Polarstern
4400621	13010860	MSB	EU	20110821	53.0	-51.6	Halifax	Berta
4400623	13803440	MSB	EU	20110822	58.0	-39.8	Halifax	Berta
4400624	13016860	MSB	EU	20110821	58.0	-39.8	Halifax	Berta
4400668	12760910	MSB	CA	20110818	42.9	-58.5	Halifax	Environment Canada
4400669	12658810	MSB	CA	20110818	44.1	-52.1	Halifax	Environment Canada
4800602	10826110	MSB	EU	20110831	85.1	-137.4	Bremerhaven	Polarstern
6300635	10427190	MSB	EU	20110809	71.0	12.8	Landskrona	Oden
6300636	10820110	MSB	EU	20110810	73.8	12.5	Landskrona	Oden
6300637	10820630	MSB	EU	20110809	73.0	12.6	Landskrona	Oden
6300638	10821150	MSB	EU	20110810	75.0	12.4	Landskrona	Oden
6300639	10821630	MSB	EU	20110810	75.7	12.4	Landskrona	Oden
6300640	10825620	MSB	EU	20110809	72.0	12.7	Landskrona	Oden
6400612	12582420	MSB	EU	20110823	60.5	-33.2	Halifax	Berta
6400613	13110270	MSB	EU	20110824	63.0	-26.2	Halifax	Berta

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**Supplementary drifting buoys (e.g. in Arctic) by the end of the month**

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
2600553	10826150	MSB	EU	394	-	-	X	X	X	-	-	X	-	-	-	T	1508-3108	85.47	59.06	17
2600554	10828610	MSB	EU	178	-	-	X	X	X	-	-	X	-	-	-	T	2408-3108	89.49	74.68	9

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**Operating drifting buoys in North Atlantic by the end of the month**

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
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6200599	10824620	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	58.86	-23.70	57
6200600	10829610	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	57.71	-30.89	57
6200711	10828160	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	54.91	-33.83	57
6200722	37773	TSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	38.99	-25.49	309
6200724	39074	TSB	UP	729	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	41.21	-27.38	123
6200904	89809	TSB	UP	721	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	26.83	-35.02	578
6200905	70820	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	35.32	-53.76	1536
6300635	10427190	MSB	EU	543	-	-	X	X	X	-	-	X	-	-	-	T	0908-3108	71.83	14.00	23
6300636	10820110	MSB	EU	526	-	-	X	X	X	-	-	X	-	-	-	T	1008-3108	74.58	11.97	22
6300637	10820630	MSB	EU	531	-	-	X	X	X	-	-	X	-	-	-	T	0908-3108	73.74	14.09	23
6300638	10821150	MSB	EU	519	-	-	X	X	X	-	-	X	-	-	-	T	1008-3108	76.30	12.61	22
6300639	10821630	MSB	EU	515	-	-	X	X	X	-	-	X	-	-	-	T	1008-3108	76.79	11.81	22
6300640	10825620	MSB	EU	537	-	-	X	X	X	-	-	X	-	-	-	T	0908-3108	73.44	13.15	23
6400516	13110200	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	61.38	-11.52	68
6400517	13809450	MSB	EU	741	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	64.26	-11.13	63
6400607	12548820	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	62.39	-52.02	476
6400611	12341680	MSB	EU	741	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	63.02	-23.74	319
6400612	12582420	MSB	EU	202	-	-	X	X	X	-	-	X	-	-	-	T	2308-3108	60.83	-32.04	9
6400613	13110270	MSB	EU	189	-	-	X	X	X	-	-	X	-	-	-	T	2408-3108	63.34	-25.89	8
6400623	13808450	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0108-3108	62.73	2.47	152

### ----- Drifting buoys which ceased to be operational

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
4400760	12690810	MSB	EU	20110825	51.2	-34.3	134	Failed
4400838	37378	TSB	UP	20110809	37.8	-56.4	102	Failed
6200535	12298030	MSB	EU	20110817	37.7	-25.7	77	Picked-up
6200910	83426	TSB	UP	20110813	52.9	-9.5	587	Ashore in Ireland

### ----- Non-operating drifting buoys reporting GTS data

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
4400835	89827	TSB	UP	725	-	-	-	-	X	-	-	X	-	-	-	L	0108-3108	62.75	-31.38	352
4400843	37382	TSB	UP	84	-	-	X	X	X	-	-	X	-	-	-	L	2108-3108	43.75	-29.42	125
4400913	83423	TSB	UP	724	-	-	-	-	X	-	-	X	-	-	-	L	0108-3108	58.81	-17.34	353
6200538	10055100	MSB	EU	743	-	-	-	-	X	-	-	X	-	-	-	T	0108-3108	44.78	-18.37	84
6200721	37420	TSB	UP	726	-	-	-	-	X	-	-	X	-	-	-	L	0108-3108	38.73	-26.62	309
6200926	83427	TSB	UP	726	-	-	-	-	X	-	-	X	-	-	-	L	0108-3108	58.85	-18.91	605

### ----- Non-operating drifting buoys which ceased to emit

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
4400889	89830	TSB	UP	20110822	58.7	-1.8	652	Picked-up

### ----- Other operating drifting buoys into the EUCOS area of interest by the end of the month

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300517	39675	AOML		711	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	34.64	-20.38
1300520	39676	AOML		717	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	32.26	-25.99
1300525	39678	AOML		724	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	36.88	-31.86
1300527	92959	AOML		595	-	-	X	-	X	-	-	X	-	-	-	L	0108-3108	13.21	-47.10
1300567	71024	AOML		734	-	-	X	X	X	-	-	-	-	-	-	L	0108-3108	27.47	-50.98
1300568	71025	AOML		733	-	-	X	X	X	-	-	-	-	-	-	L	0108-3108	23.76	-49.44
1300569	71026	AOML		728	-	-	X	X	X	-	-	-	-	-	-	L	0108-3108	29.70	-42.12
1300570	71028	AOML		732	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	37.50	-30.15
1300575				1394	-	-	X	-	X	-	-	X	-	-	X	T	0108-3108	3.38	-29.66
1300585	82585	AOML		694	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	7.46	-24.24
1300587	82549	AOML		722	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	10.41	-48.40
1300600				720	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	33.36	-26.95
1300635	44115	AOML		587	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	23.46	-31.61

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1300907	36859	AOML	717	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	27.35	-33.62
1300912	39210	AOML	716	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	24.21	-30.67
1300967	39674	AOML	718	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	24.17	-33.52
1300970	32917	AOML	727	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	22.72	-33.37
3100984	92982	AOML	400	-	-	X	-	X	-	-	X	-	-	-	L	0908-3108	1.70	-27.40
4100552	39681	AOML	651	-	-	X	X	X	-	-	X	-	-	-	L	0108-2808	28.79	-35.93
4100555	92960	AOML	608	-	-	X	-	X	-	-	X	-	-	-	L	0108-3108	33.77	-26.44
4100565	39216	AOML	732	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	28.20	-48.59
4100569	39240	AOML	731	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	19.41	-50.36
4100572	39640	AOML	727	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	26.87	-51.62
4100575	39668	AOML	728	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	27.82	-50.17
4100590	102553	AOML	725	-	-	X	X	-	-	-	X	-	-	-	L	0108-3108	44.66	-33.39
4100593	39236	AOML	732	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	26.32	-64.94
4100603	39234	AOML	727	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	30.41	-38.56
4100607	39252	AOML	385	-	-	X	X	X	-	-	X	-	-	-	L	1508-3108	17.88	-41.25
4100608	40294	AOML	727	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	43.06	-35.77
4100613	102557	AOML	725	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	48.74	-33.16
4100616	39258	AOML	382	-	-	X	X	X	-	-	X	-	-	-	L	1508-3108	13.29	-47.51
4100622	39232	AOML	732	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	24.99	-64.89
4100623	39658	AOML	729	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	26.55	-55.95
4100632	13319350	AOML	459	-	-	X	X	X	-	-	X	-	-	-	T	1208-3108	21.51	-38.91
4100909	36862	AOML	728	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	36.00	-66.62
4100921	39121	AOML	723	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	22.09	-55.09
4100933	40008	AOML	641	-	-	X	X	X	-	-	X	-	-	-	L	0408-3108	36.55	-61.04
4100938	71027	AOML	729	-	-	X	X	X	-	-	-	-	-	-	L	0108-3108	39.67	-36.70
4100942	40079	AOML	729	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	38.78	-53.66
4100970	39227	AOML	723	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	23.92	-54.54
4100972			142	-	-	X	-	X	-	-	X	-	-	-	L	2508-3108	37.76	-64.05
4100978	39243	AOML	386	-	-	X	X	S	-	-	X	-	-	-	L	1508-3108	9.14	-47.28
4100979	39642	AOML	730	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	29.67	-59.06
4100980	39245	AOML	387	-	-	X	X	X	-	-	X	-	-	-	L	1508-3108	15.70	-44.82
4100982	39660	AOML	733	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	27.25	-61.86
4400904	99012	AOML	727	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	46.88	-33.96
4400911	99014	AOML	725	-	-	X	X	S	-	-	X	-	-	-	L	0108-3108	53.57	-17.23
4400923	99015	AOML	722	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	52.70	-33.05
4400925	88669	AOML	720	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	49.55	-28.32
4400926			731	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	47.66	-31.60
4400927	81928	AOML	730	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	50.61	-45.44
4400931	90436	AOML	731	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	46.12	-35.09
4400942	89832	AOML	729	-	-	X	X	X	-	-	X	-	-	-	L	0108-3108	58.81	-16.43
6200502	12798800	CMM	743	-	-	X	X	S	-	-	X	-	-	S	T	0108-3108	44.61	-36.84
6200503	12203770	CMM	743	-	-	X	X	X	-	-	X	-	-	X	T	0108-3108	48.17	-17.95
6200504	12165220	CMM	514	-	-	X	X	X	-	-	X	-	-	X	T	1008-3108	36.52	-21.22
6200506	10824190	CMM	743	-	-	X	X	X	-	-	X	-	-	X	T	0108-3108	44.12	-5.57
6200508	10823630	CMM	743	-	-	X	X	X	-	-	X	-	-	X	T	0108-3108	45.16	-11.20
6200509	10828610	CMM	563	-	-	X	X	X	-	-	X	-	-	X	T	0808-3108	36.57	-13.88
6200929	83327	AOML	579	-	-	X	X	X	-	-	-	-	-	-	L	0708-3108	30.46	-67.17
6200935	92979	AOML	626	-	-	X	-	X	-	-	X	-	-	-	L	0108-3108	35.68	-28.97
6600863			977	-	-	X	X	X	-	-	-	-	-	-	T	0108-3008	54.60	16.70

### ----- Abbreviations -----

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

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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.

### 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
6100001	Cote d'Azur	744	X	X	X	X	X	X	X	-	-	X	-	T	0108-3108	43.40	7.80
<b>6100002</b>	<b>Lion</b>	<b>740</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>T</b>	<b>0108-3108</b>	<b>42.10</b>	<b>4.70</b>
6200001	Gascogne	744	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	45.30	-5.00
6200029	K1	745	X	X	X	X	X	-	-	-	-	X	-	O	0108-3108	48.70	-12.50
6200081	K2	745	-	X	X	X	X	X	-	-	-	X	-	O	0108-3108	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	743	X	X	X	-	X	X	-	-	-	X	-	O	0108-3108	53.50	-5.40
6200092	M3	743	S	X	X	X	X	X	-	-	-	X	-	O	0108-3108	51.20	-10.50
6200093	M4	743	X	X	X	-	X	X	-	-	-	X	X	O	0108-3108	54.70	-9.10
6200094	M5	743	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	51.70	-6.70
<b>6200095</b>	<b>M6</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>O</b>	<b>0108-3108</b>	<b>53.10</b>	<b>-15.90</b>
6200105	K4	744	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	741	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	47.50	-8.40
<b>6400045</b>	<b>K5</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>O</b>	<b>0108-3108</b>	<b>59.10</b>	<b>-11.70</b>
6400046	K7	735	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	60.70	-5.20

Comments:

- EUCOS moored buoys are presented in bold characters.

#### Operating EGOS moored buoys (Spanish SeaWatch and WaveScan)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300130	Gran Canaria	379	X	X	X	-	X	X	X	-	-	-	X	O	1608-3108	28.18	-15.82
1300131	Tenerife Sur	464	X	X	X	-	X	X	X	-	-	-	X	O	0108-3108	28.00	-16.58
6100196	C. Begur	742	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	41.92	3.65
6100197	Mahon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.72	4.42
6100198	C. de Gata	374	X	X	X	-	X	X	X	-	-	-	X	O	1608-3108	36.57	-2.33
6100280	Tarragona	731	X	X	X	-	X	X	X	-	-	-	-	O	0108-3108	40.77	1.47
6100281	Valencia	717	X	X	X	-	X	X	X	-	-	-	X	O	0108-3108	39.47	-0.27
6100417	C. de Palos	678	X	X	X	-	X	S	-	-	-	-	X	O	0108-3108	37.65	-0.32
6100430	Dragonera	742	X	X	X	-	X	X	X	-	-	-	-	O	0108-3108	39.56	2.11
6200024	Bilbao-Visc.	742	X	X	X	-	X	X	X	-	-	-	X	O	0108-3108	43.63	-3.03
6200025	C. de Penas	739	X	X	X	-	X	X	X	-	-	-	X	O	0108-3108	43.73	-6.17
6200082	E. de Bares	742	X	X	X	-	X	X	X	-	-	-	X	O	0108-3108	44.13	-7.69
6200083	Villano-Sis.	737	X	X	X	-	X	X	X	-	-	-	X	O	0108-3108	43.48	-9.22
<b>6200084</b>	<b>C. Silleiro</b>	<b>737</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>0108-3108</b>	<b>42.12</b>	<b>-9.43</b>
6200085	G. de Cadiz	724	X	X	X	-	X	X	X	-	-	-	X	O	0108-3108	36.48	-6.97



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0 Santander - - - - - - - - - - - - - - 43.84 -3.77

Comments:  
- The EUCOS buoy is presented in bold characters.

### Operating ISPRA moored buoys (Italy)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100207		1335	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	37.44	15.15
6100208		1261	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	37.52	12.53
6100209		1330	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	38.26	13.33
6100210		1323	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	39.02	17.22
6100211		1274	-	-	-	-	S	S	-	-	-	-	-		0108-2708	39.45	15.92
6100212			-	-	-	-	-	-	-	-	-	-	-			40.62	9.89
6100213		993	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	40.55	8.11
6100214		1329	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	40.87	12.95
6100215		1333	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	40.98	17.38
6100216		1324	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	42.24	11.55
6100218		1337	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	43.83	13.72
6100219		1330	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	43.93	9.83
6100220		1326	-	-	-	-	X	X	-	-	-	-	-	O	0108-3108	45.33	12.52
6100221			-	-	-	-	-	-	-	-	-	-	-			39.12	9.40

### Operating POSEIDON moored buoys (Greece)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6101000		243	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	39.10	24.50
6101001		246	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	37.60	23.60
6101002			-	-	-	-	-	-	-	-	-	-	-			37.00	22.10
6101003		239	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	40.00	24.70
6101004		245	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	39.10	25.80
6101005		243	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	37.50	25.50
6101006		246	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	36.30	25.50
6101007		11	X	X	X	-	X	X	-	-	-	-	-	O	3008-3108	35.80	24.90
6101008			-	-	-	-	-	-	-	-	-	-	-			36.80	21.60
6101009		244	X	X	X	-	X	X	-	-	-	-	-	O	0108-3108	38.00	20.60

### Other European moored buoys

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100010	Italia-1	204	X	X	X	-	-	-	-	-	-	X	-	O	0108-3108	43.80	9.10
6200052	Ushant	151	S	-	S	S	S	S	-	-	-	-	-		0108-0708	48.50	-5.80
6200442	PAP	357	X	S	X	X	X	S	-	-	-	S	-	O	1608-3108	49.00	-16.40
6600021	Arkona Becken		-	-	-	-	-	-	-	-	-	-	-			54.90	13.90
6600022	Oder Bank	695	X	X	-	-	X	-	-	-	-	-	-	O	0108-3108	54.10	14.20
6600024	Darsser Schwell	733	X	X	-	-	X	X	-	-	-	-	-	O	0108-3108	54.70	12.70

### Offshore moored buoys in the western part of the EUCOS area

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300308	East Atlantic		-	-	-	-	-	-	-	-	-	-	-			15.00	-38.00
4100026		346	-	X	-	-	X	-	-	-	-	X	S	L	0108-2808	11.49	-38.40
4100040	West Atlantic	742	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	14.50	-53.00
4100041	Mid. Atlantic	735	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	14.50	-46.00
4100043	Porto Rico	743	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	21.00	-65.00
4100044		742	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	21.70	-58.70
4100046		737	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		744	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	32.00	-69.60
4100049		743	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	27.50	-53.00
4100100	E Guadeloupe		-	-	-	-	-	-	-	-	-	-	-			15.90	-57.90

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4100101 E Martinique	739	X	X	X	X	X	X	-	-	-	X	-	T	0108-3108	14.60	-56.20
4100139	400	X	X	X	-	X	-	-	-	-	X	-	L	0108-3108	20.02	-37.86
4200059 Caraibes	744	X	X	X	X	X	X	-	-	-	X	-	O	0108-3108	15.00	-67.50
4400008 A Nantucket	744	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	40.50	-69.40
4400011 D Georges Bk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.10	-66.60
4400018 SE Cape Cod	713	X	X	X	X	X	X	-	-	-	-	-	O	0108-3008	41.30	-69.30
4400024 NNE Channel	732	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	42.30	-65.90
4400137 E Scotia Sl.	734	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	42.30	-62.00
4400138 SW Gd Banks	642	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	44.30	-53.60
4400139 Beanquereau	736	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	44.30	-57.10
4400140 Tail of Bk	732	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	43.80	-51.70
4400141 Larentian F	740	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	43.00	-58.00
4400150 La Have Bk	729	X	X	X	X	X	X	-	-	-	-	-	O	0108-3108	42.50	-64.00

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### 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, August 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110831	1300974	10829620	743	0	0.2	0.2
20110831	2600553	10826150	394	0	-0.0	0.4
20110831	2600554	10828610	178	0	-0.0	0.3
20110831	4100558	83394	709	0	-0.1	0.4
20110831	4100561	39073	732	0	0.1	0.5
20110831	4100573	37414	724	1	-0.0	0.3
<b>20110831</b>	<b>4100591</b>	<b>39101</b>	<b>709</b>	<b>14</b>	<b>0.2</b>	<b>0.4</b>
20110831	4100638	10827640	743	0	0.5	0.3
20110831	4100715	83400	725	0	0.1	0.5
20110831	4100719	83392	708	3	0.1	0.4
20110831	4100728	10822170	743	0	0.3	0.3
20110831	4100729	10829110	743	0	0.2	0.4
20110831	4100730	10820120	743	0	0.1	0.5
20110831	4100731	10820620	743	0	0.1	0.5
20110831	4100855	39121	730	0	0.1	0.6
20110831	4100912	39092	727	0	0.1	0.4
20110831	4100915	39095	733	0	0.2	0.4
20110831	4100935	39108	720	0	0.2	0.7
20110831	4100957	38569	724	0	0.0	0.5
<b>20110831</b>	<b>4400562</b>	<b>83420</b>	<b>723</b>	<b>20</b>	<b>-0.4</b>	<b>3.0</b>
20110831	4400601	12050610	742	0	0.7	0.4
20110831	4400613	10823620	743	0	0.2	0.4
20110831	4400621	13010860	226	0	-0.1	0.5
20110831	4400622	10826640	743	0	0.2	0.3
20110831	4400623	13803440	202	0	-0.2	0.4
20110831	4400624	13016860	226	0	0.4	0.7
20110831	4400668	12760910	321	0	-0.1	0.4
20110831	4400669	12658810	311	0	-0.0	0.4
20110831	4400673	10134070	733	0	0.1	0.4
20110831	4400674	10137060	735	0	-0.1	0.6
20110831	4400675	10136060	733	0	0.0	0.5
20110831	4400722	12548840	741	0	0.8	0.5
20110825	4400760	12690810	577	0	0.3	0.4
20110831	4400761	12295030	741	0	0.1	0.5
20110831	4400762	12487120	743	0	0.5	0.4
20110831	4400763	13308200	743	0	-0.4	0.4
20110831	4400766	10820640	743	0	0.1	0.3
20110831	4400769	10824640	743	0	0.1	0.4
20110831	4400770	13013830	743	0	0.1	0.3
20110831	4400771	13018860	743	0	-0.1	0.4
20110831	4400772	13801140	743	0	-0.1	0.4
20110831	4400773	10053230	743	0	-0.1	0.3
20110831	4400774	10053260	743	0	-0.2	0.3
20110831	4400775	10057200	743	0	-0.2	0.4
20110831	4400776	10058210	743	0	-0.1	0.3
20110831	4400777	13118260	743	0	-0.1	0.4
20110831	4400778	13616180	743	0	0.1	0.4
20110831	4400779	13801450	743	0	0.1	0.3
20110831	4400780	13802460	743	0	0.0	0.3
20110831	4400831	83424	725	0	0.1	0.5
20110809	4400838	37378	193	0	-0.1	0.4
<b>20110831</b>	<b>4400843</b>	<b>37382</b>	<b>84</b>	<b>1</b>	<b>2.1</b>	<b>2.0</b>
20110831	4400844	37533	725	0	0.0	0.3
20110831	4400845	83421	722	1	0.2	0.4
20110831	4400848	83425	725	0	0.1	0.3
20110831	4400880	83428	721	0	0.1	0.2
20110831	4400882	83396	700	1	-0.1	0.5
20110831	4400885	39086	727	2	0.6	0.8
<b>20110831</b>	<b>4400896</b>	<b>89815</b>	<b>718</b>	<b>13</b>	<b>0.2</b>	<b>0.5</b>
20110831	4400900	106223	720	0	0.8	0.5
20110831	4400903	70822	701	0	0.0	0.5
20110831	4400905	70818	697	0	-0.1	0.5

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20110831	4400912	83422	720	0	0.2	0.3
20110831	4400917	89817	721	0	0.2	0.4
20110831	4400936	89804	726	0	0.3	0.3
20110831	4400943	89807	727	1	-0.1	0.4
20110831	6200514	10828150	743	0	0.2	0.3
20110831	6200515	10828620	743	0	0.2	0.3
20110831	6200516	10824150	743	0	0.1	0.3
20110831	6200517	10825160	743	0	0.1	0.2
20110831	6200531	10823160	743	0	0.2	0.4
20110831	6200532	10829630	743	0	0.0	0.3
20110831	6200533	10822610	743	0	-0.3	0.4
20110831	6200534	10823110	743	0	-0.0	0.4
20110817	6200535	12298030	396	1	-0.4	0.7
20110831	6200536	13115270	743	0	-0.2	0.2
20110831	6200537	13618160	743	0	-0.0	0.3
20110831	6200539	10052230	743	0	-0.1	0.4
20110831	6200551	13016850	743	0	0.1	0.3
20110831	6200552	13804460	743	0	-0.0	0.3
20110831	6200574	13300210	742	0	-0.0	0.3
20110831	6200575	12299260	742	0	0.3	0.3
20110831	6200599	10824620	743	0	-0.0	0.3
20110831	6200600	10829610	743	0	-0.3	0.4
20110831	6200711	10828160	743	0	0.1	0.4
20110831	6200722	37773	720	1	0.2	0.2
20110831	6200724	39074	728	0	0.2	0.2
20110831	6200904	89809	720	0	0.3	0.5
20110831	6200905	70820	696	0	0.3	0.4
20110813	6200910	83426	305	0	0.3	0.3
20110831	6300635	10427190	543	0	-0.0	0.3
20110831	6300636	10820110	526	0	0.1	0.2
20110831	6300637	10820630	531	0	0.0	0.3
20110831	6300638	10821150	519	0	-0.0	0.3
20110831	6300639	10821630	515	0	0.0	0.3
20110831	6300640	10825620	537	0	0.1	0.3
20110831	6400516	13110200	743	0	-0.1	0.3
20110831	6400517	13809450	741	0	-0.2	0.4
20110831	6400607	12548820	743	0	0.2	0.4
20110831	6400611	12341680	741	0	0.1	0.3
20110831	6400612	12582420	202	0	0.1	0.3
20110831	6400613	13110270	189	0	-0.1	0.3
20110831	6400623	13808450	743	0	0.0	0.4

### Air Pressure (hPa), moored buoys, August 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110831	1300130		379	0	1.0	0.6
20110831	1300131		464	30	0.3	0.9
20110831	6100001		742	0	-0.2	0.4
20110831	6100002		740	0	0.4	0.5
20110831	6100010		204	0	0.1	0.4
20110831	6100196		742	0	0.7	0.5
20110831	6100198		374	0	0.1	0.7
20110831	6100280		731	0	0.7	0.6
20110831	6100281		717	0	0.5	0.7
20110831	6100417		678	0	0.5	0.7
20110831	6100430		742	0	-0.4	0.6
20110831	6101000		243	0	0.3	0.6
<b>20110831</b>	<b>6101001</b>		<b>246</b>	<b>0</b>	<b>-3.9</b>	<b>1.3</b>
20110831	6101003		239	0	1.0	0.6
20110831	6101004		245	0	0.9	0.5
<b>20110831</b>	<b>6101005</b>		<b>243</b>	<b>2</b>	<b>-3.8</b>	<b>0.6</b>
20110831	6101006		246	0	1.0	0.5
20110831	6101007		11	0	-0.2	0.8
<b>20110831</b>	<b>6101009</b>		<b>244</b>	<b>8</b>	<b>-6.6</b>	<b>1.1</b>
20110831	6200001		743	0	0.1	0.5
20110831	6200024		742	0	0.4	0.6
20110831	6200025		739	0	0.5	0.7
20110831	6200029		733	0	0.1	0.3
20110807	6200052		139	0	0.4	0.4
20110831	6200081		744	1	-0.0	0.5
20110831	6200082		742	0	0.6	0.6
20110831	6200083		737	0	0.6	0.6
20110831	6200084		737	0	0.6	0.5

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20110831	6200085	724	0	0.5	0.6
20110831	6200091	743	0	0.0	0.4
20110831	6200092	738	1	-0.1	0.5
20110831	6200093	743	0	-0.0	0.5
20110831	6200094	744	6	0.1	0.4
20110831	6200095	744	0	0.1	0.5
20110831	6200105	744	0	-0.1	0.4
20110831	6200163	738	1	-0.1	0.4
20110831	6400045	744	0	-0.1	0.4
20110831	6400046	735	0	0.0	0.3

### Air Temperature (C), moored buoys, August 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110831	1300130		379	0	-0.6	0.3
20110831	1300131		464	0	0.2	0.6
20110831	6100001		742	0	-0.7	1.0
20110831	6100002		738	0	0.3	0.7
20110831	6100010		204	0	0.5	1.1
20110831	6100196		742	0	-0.4	0.6
20110831	6100198		374	0	-0.6	0.6
20110831	6100280		731	0	-0.9	1.1
20110831	6100281		717	0	-0.1	0.8
20110831	6100417		678	0	0.0	0.5
20110831	6100430		742	0	0.1	0.5
20110831	6101000		243	0	-0.6	0.4
20110831	6101001		246	0	-0.7	0.6
20110831	6101003		239	0	-0.3	0.5
20110831	6101004		245	0	-1.9	0.8
20110831	6101005		243	0	-1.7	0.6
<b>20110831</b>	<b>6101006</b>		<b>246</b>	<b>0</b>	<b>5.1</b>	<b>0.6</b>
20110831	6101007		11	0	-1.7	0.2
20110831	6101009		244	0	-0.5	0.8
20110831	6200001		742	0	0.0	0.5
20110831	6200024		742	0	0.4	0.5
20110831	6200025		701	0	-0.2	0.7
20110831	6200029		742	0	-0.1	0.4
20110831	6200081		744	0	-0.1	0.4
20110831	6200082		742	0	-0.4	0.6
20110831	6200083		737	0	0.2	0.5
20110831	6200084		737	0	-0.2	0.8
20110831	6200085		724	0	-0.3	0.8
20110831	6200091		743	0	-0.0	0.4
20110831	6200092		737	1	-0.1	0.4
20110831	6200093		743	0	-0.2	0.4
20110831	6200094		743	1	-0.2	0.4
20110831	6200095		741	1	-0.2	0.6
20110831	6200105		744	0	-0.0	0.4
20110831	6200163		737	0	-0.2	0.4
20110831	6400045		744	0	-0.1	0.4
20110831	6400046		735	0	-0.1	0.5
20110831	6600022		694	0	0.6	0.9
20110831	6600024		730	0	0.1	0.9

### Wind direction (deg.), moored buoys, August 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
<b>20110831</b>	<b>1300130</b>		<b>378</b>	<b>4</b>	<b>29</b>	<b>20</b>
<b>20110831</b>	<b>1300131</b>		<b>292</b>	<b>22</b>	<b>-110</b>	<b>29</b>
20110831	6100001		742	108	-10	35
20110831	6100002		736	10	2	21
20110831	6100010		204	17	-6	31
20110815	6100196		147	1	-4	14
20110831	6100198		365	15	1	25
20110831	6100280		666	38	-2	32
20110831	6100281		699	49	9	40
20110831	6100417		673	19	-1	21
20110831	6100430		725	29	-16	31
20110831	6101000		243	2	-10	16
20110831	6101001		242	25	-5	35
20110831	6101003		239	11	-18	31

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20110831	6101004	242	1	-7	15
20110831	6101005	243	1	-15	12
20110831	6101006	246	1	-4	26
<b>20110831</b>	<b>6101007</b>	<b>11</b>	<b>0</b>	<b>178</b>	<b>10</b>
20110831	6101009	244	41	-8	40
20110831	6200001	741	13	1	20
20110831	6200024	689	32	-13	34
<b>20110831</b>	<b>6200025</b>	<b>725</b>	<b>56</b>	<b>-60</b>	<b>36</b>
20110831	6200029	734	5	1	15
20110831	6200082	728	13	-8	18
20110831	6200083	720	6	-6	17
20110831	6200084	703	26	7	23
20110831	6200085	720	22	-5	23
20110831	6200091	742	10	-4	21
20110826	6200092	596	3	-4	17
20110831	6200093	743	12	2	19
20110831	6200094	743	3	-4	16
20110831	6200095	742	5	-2	15
20110831	6200105	742	3	-0	15
20110831	6200163	737	6	-2	19
20110831	6400045	742	0	-2	12
20110831	6400046	734	5	-1	17
20110831	6600022	693	12	-2	22
20110831	6600024	725	10	-9	21

### Wind speed rate, moored buoys, August 2011

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20110831	1300130		378	0	0.9	0.9
<b>20110831</b>	<b>1300131</b>		<b>292</b>	<b>52</b>	<b>0.9</b>	<b>2.9</b>
20110831	6100001		742	0	1.4	1.4
20110831	6100002		736	1	1.2	1.2
20110831	6100010		204	0	1.3	1.4
20110815	6100196		147	0	0.8	2.4
20110831	6100198		365	0	0.9	2.1
20110831	6100280		666	0	1.4	1.6
20110831	6100281		699	0	1.5	1.9
20110831	6100417		673	0	1.0	1.3
20110831	6100430		725	0	1.3	1.3
20110831	6101000		243	0	0.8	1.5
20110831	6101001		242	0	1.2	2.9
20110831	6101003		239	0	0.8	1.8
20110831	6101004		242	0	0.9	2.0
20110831	6101005		243	1	0.9	2.0
20110831	6101006		246	0	0.7	2.5
20110831	6101007		11	0	0.9	1.3
20110831	6101009		244	0	1.2	2.1
20110831	6200001		741	0	1.2	1.2
20110831	6200024		689	0	1.0	1.4
20110831	6200025		725	3	1.0	1.8
20110831	6200029		734	1	1.1	1.2
20110831	6200082		728	1	0.9	1.4
20110831	6200083		720	0	0.8	1.6
20110831	6200084		703	0	1.0	1.5
20110831	6200085		720	0	1.0	2.2
20110831	6200091		742	0	1.0	1.4
20110826	6200092		596	0	0.9	1.7
20110831	6200093		743	6	1.0	1.3
20110831	6200094		743	2	1.0	1.2
20110831	6200095		742	0	1.1	1.3
20110831	6200105		742	0	1.1	1.1
20110831	6200163		737	2	1.1	1.3
20110831	6400045		742	0	1.0	1.1
20110831	6400046		734	0	1.1	1.5
20110831	6600022		693	0	1.2	1.2
20110831	6600024		725	0	1.2	1.4

### Comments on QC statistics :

Air pressure

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1. Technocean Argos buoy WMO **4100591** reported a few wrong air pressure values at the end of its life (stopped transmitting on September 1<sup>st</sup>)
2. Many air pressure values reported by Technocean Argos buoy WMO **4400562** were found unreliable in August. The GTS transmission this parameter was stopped on the 2<sup>nd</sup> of September for this buoy.
3. Technocean Argos buoy WMO **4400843** reported a few observations in August, only. Most of them were inaccurate.
4. For an unknown reason, Technocean Argos buoy WMO **4400896** reported a few very low pressure values (13 out of 718 observations).
5. Air pressure values reported by three Poseidon moored buoys (WMO **6101001**, **6101005** and **6101009**, presented systematic biases of -3.9, -3.8 and -6.6 hPa in August, respectively. It obviously appears the absolute value of these biases is increasing (see previous monthly report).

### Air temperature

6. Air temperature values reported by Poseidon buoy WMO **6101006** still present a high systematic bias: 5.1 °C in average in August.

### Wind

7. The GTS data transmission was released for Spanish moored buoy WMO **1300130** on August 16<sup>th</sup>. It appears that wind directions present a systematic bias of about 60 degrees when compared to model outputs.
8. Wind directions reported by Spanish moored buoy WMO **1300131** seem biased for about 110 degrees. Its wind speed present a strong diurnal variation but perhaps this is due to a breeze.
9. Wind directions reported by Poseidon buoy WMO **6101007** since the 30<sup>th</sup> of August are at the opposite of what they should be (bias of 180 degrees).
10. Wind directions reported by Spanish moored buoy WMO **6200025** seem biased for about 60 degrees.

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. Graphs of system performances may be displayed/downloaded at [http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar\\_monitoring.pdf](http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar_monitoring.pdf).