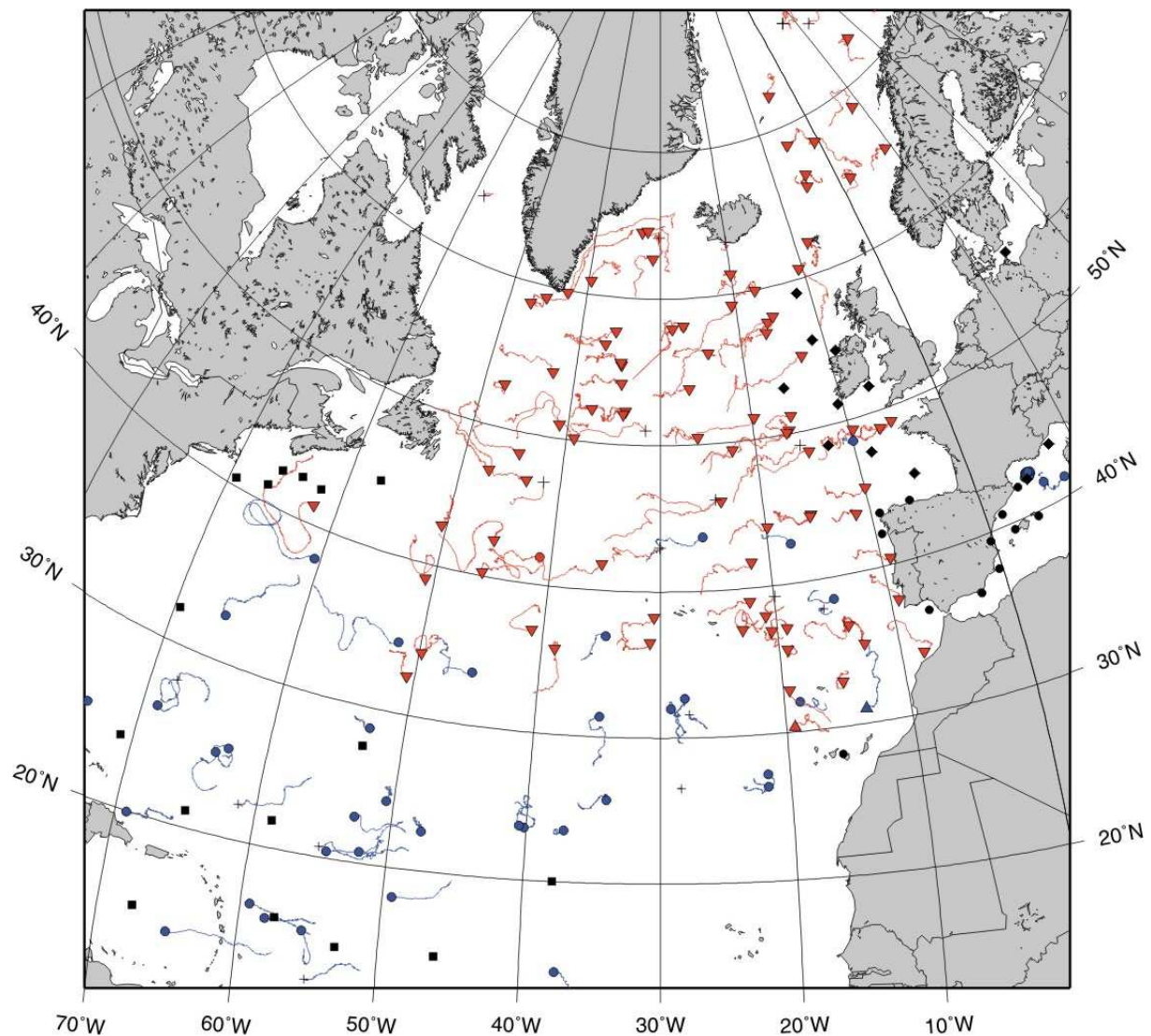
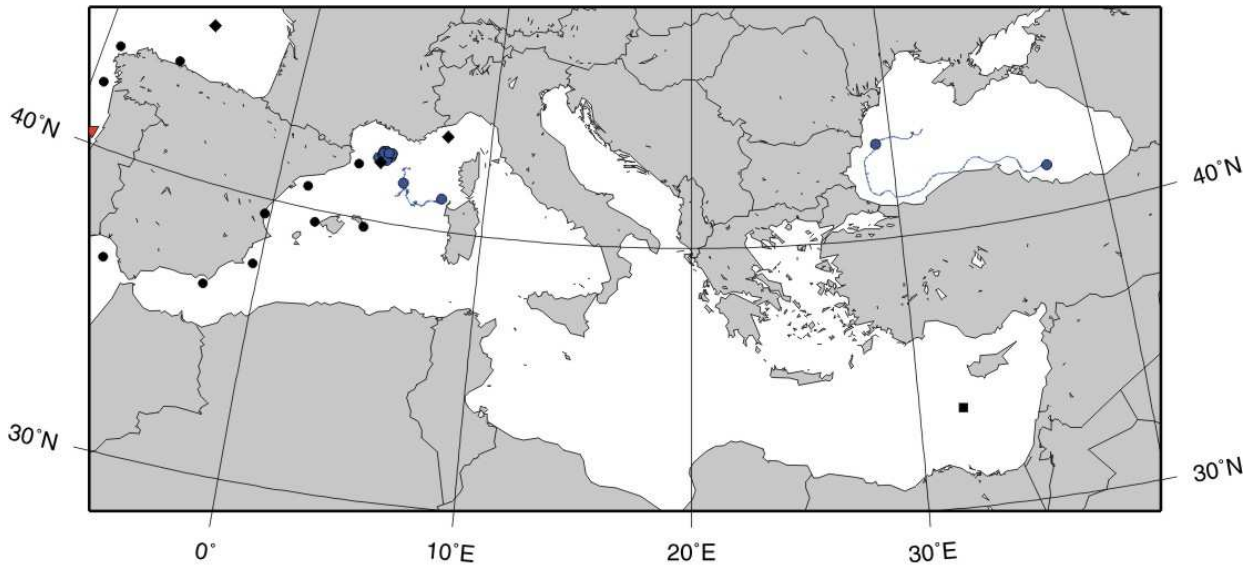


## DATA BUOY MONTHLY REPORT

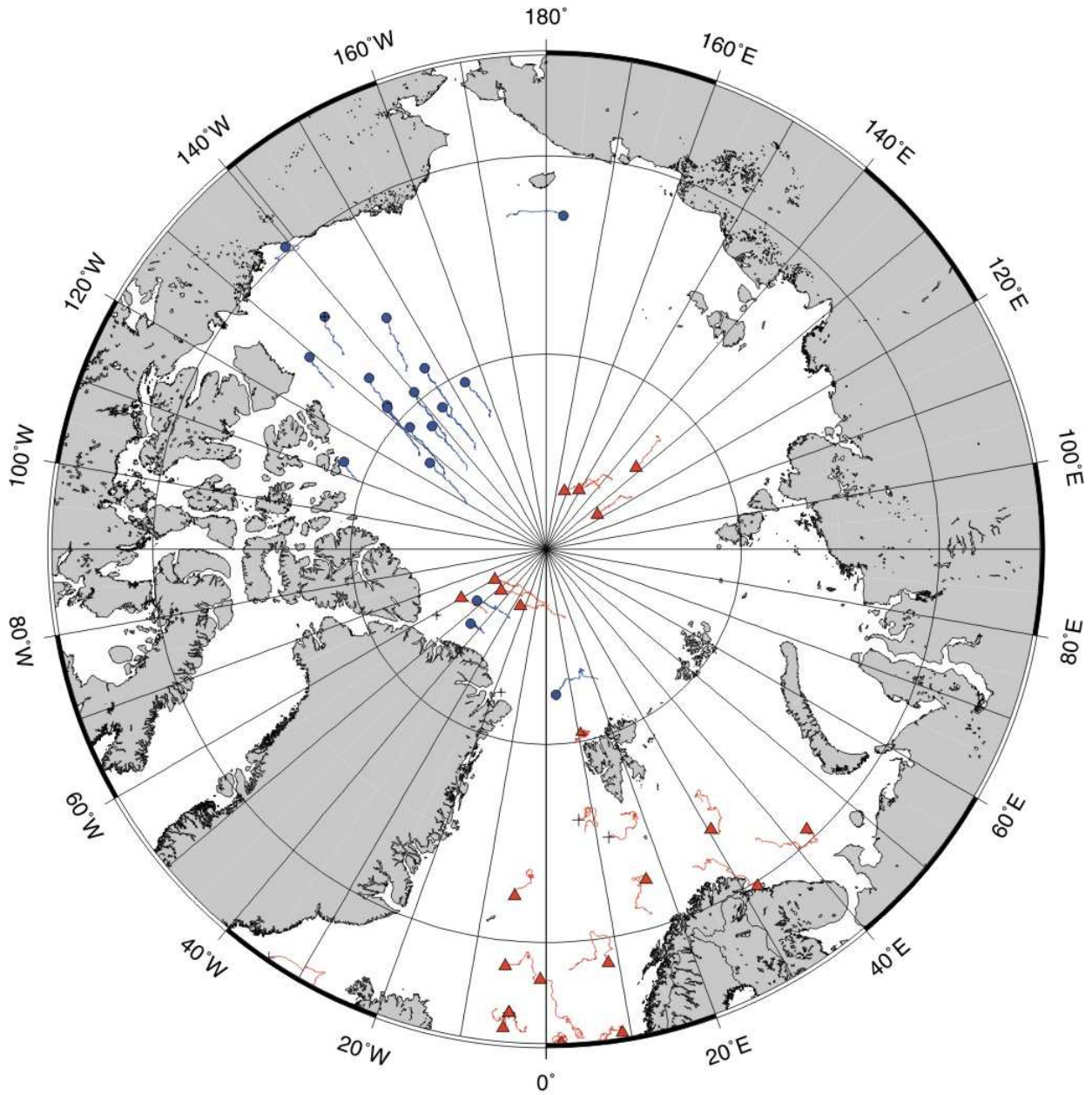
January 2013



January 2013 - Operating data buoys in the North Atlantic  
Drifting buoy trajectories: E-SURFMAR (red), others (blue)  
Moored buoy positions (black)



January 2013 - Operating data buoys in the Mediterranean Sea  
Drifting buoy trajectories and moored buoy positions



January 2013 - Drifting buoy trajectories in Arctic Ocean and adjacent seas: E-SURFMAR (red), others (blue)

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

By the end of January, **101 drifting buoys**, reporting air pressure or wind at least onto the GTS, were in operation in the frame of E-SURFMAR. Out of these, 74 were E-SURFMAR funded Iridium SVP-Bs, including 7 in the Arctic and 3 HRSST-2 buoys. These latter are fitted with accurate digital SST probes. The remaining buoys were: one ICEB buoy in the Arctic, 4 Argos and 21 Iridium drifters owned by NOAA and upgraded with barometers by E-SURFMAR, and one Iridium drifter operated by Environment Canada.

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)

Besides E-SURFMAR buoys, 49 drifting buoys were reporting at least air pressure or wind observations from the EUCOS area of interest. Out of these, 14 were reporting Sea Surface Salinity, some in the frame of Spurs/Strasse campaign (validation of SMOS and Aquarius remote SSS measurements) and 15 were operating in the frame of HyMeX in the Mediterranean Sea.

No new buoys were deployed in January.

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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
2500615	13409520	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	84.98	-60.03	497
2500616	11549100	MSB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	86.53	150.97	145
2500617	11540100	MSB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	86.88	162.60	145
2500620	11541100	MSB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	86.84	124.10	164
2500622	11540110	MSB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	83.76	132.12	150
2600555	11545100	MSB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	86.80	-24.48	136
2600556	11549080	MSB	EU	743	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	86.92	-59.26	131
2600557	11544090	MSB	EU	743	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	86.86	-47.37	133
4100637	13801460	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	22.91	-52.76	733
4100638	10827640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	15.29	-55.45	675
4400549	11025170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	56.73	-36.78	361
4400551	11027150	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	35.84	-38.89	361
4400606	11687410	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	40.26	-46.01	119
4400616	11813550	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	56.17	-24.16	375
4400620	11022170	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	38.01	-20.89	360
4400622	11881820	PSB	UP	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	41.17	-62.17	207
4400623	11167640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	50.14	-39.22	79
4400624	11341110	YSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	47.05	-47.30	52
4400626	11814550	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	44.40	-15.59	301
4400629	11021160	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	48.59	-14.62	301
4400630	13015830	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	44.00	-19.87	246
4400685	12762900	MSB	CA	747	-	-	X	X	X	-	-	X	-	-	-	O	0101-3101	39.04	-50.82	252
4400721	13805460	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	34.19	-49.83	246
4400723	10825630	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	60.91	-39.71	221
4400724	13300270	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	55.42	-34.65	222
4400725	11027170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	50.24	-16.21	223
4400726	11023190	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	50.10	-16.54	222
4400727	11026170	MSB	EU	482	-	-	X	X	X	-	-	X	-	-	-	T	0201-3101	51.46	-19.73	223
4400728	11020190	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	50.47	-25.99	223
4400730	11846540	MSB	E2	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	46.86	-43.43	200
4400740	11883820	PSB	UP	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	32.50	-50.67	208
4400741	11688230	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	36.95	-40.98	132
4400744	13805450	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	38.26	-30.55	421
4400746	13357510	MSB	EU	345	-	-	X	X	X	-	-	X	-	-	-	T	0101-3001	57.68	-16.32	419
4400760	11880820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	42.70	-50.45	206
4400761	11883770	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	57.00	-16.69	206
4400762	11244970	YSB	EU	739	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	42.49	-45.48	47
4400767	11919510	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	41.73	-21.68	371

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4400768	11912520	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	43.80	-11.37	372
4400772	11544410	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	54.36	-42.60	197
4400774	11460700	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	48.58	-44.62	198
4400775	11540170	MSB	E2	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	54.15	-34.48	197
4400776	11844540	MSB	E2	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	54.96	-13.11	196
4400777	11885820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	52.29	-33.88	194
4400778	11463700	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	46.04	-24.06	195
4400779	11885820	PSB	UP	744	-	-	X	X	-	-	X	-	-	-	-	T	0101-3101	52.06	-34.14	195
4400780	11880840	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	52.28	-37.63	195
4400835	89827	TSB	UP	769	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	80.43	10.62	871
4400844	37533	TSB	UP	762	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	30.31	-19.34	644
4400864	13614150	MSB	EU	736	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	48.86	-6.93	356
4400866	11020180	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	51.16	-15.76	346
4400867	11022740	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	41.81	-35.37	346
4400869	11026040	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	36.97	-20.50	337
4400871	11025180	MSB	EU	741	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	60.64	-10.51	335
4400872	11027700	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	44.29	-15.67	321
4400875	11021610	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	39.09	-22.16	321
4400885	39086	TSB	UP	761	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	31.00	-13.53	644
4800662	10822620	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	50.96	-40.93	174
4800663	10822640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	52.88	-47.72	174
6200511	11026160	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	35.24	-12.85	332
6200518	11024270	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	33.94	-8.17	359
6200520	13611180	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	33.00	-15.07	359
6200521	11688060	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	49.47	-22.43	134
6200522	11680430	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	49.31	-9.64	133
6200531	11548410	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	53.83	-26.70	113
6200532	11566230	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	59.94	-17.12	112
6200554	11027160	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	37.04	-19.16	331
6200555	11023170	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	37.63	-9.31	332
6200556	11021170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	35.61	-19.34	331
6200557	11028160	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	45.35	-9.97	248
6200677	11022050	MSB	EU	245	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	32.86	-19.49	358
6200678	11029050	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	61.34	-20.01	348
6200680	11166640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	58.11	-27.08	76
6200681	11168640	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	62.72	-31.12	77
6200684	11882820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	62.19	-8.16	203
6200685	11461700	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	59.23	-20.49	204
6200687	11349100	YSB	EU	740	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	57.99	-15.49	56
6200688	11248950	YSB	EU	741	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	57.94	-28.48	55
6200697	11020160	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	36.65	-13.91	365
6200713	11246980	YSB	EU	732	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	37.19	-22.93	51
6200714	11240980	YSB	EU	733	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	36.52	-30.90	48
6200724	39074	TSB	UP	739	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	31.38	-34.89	642
6300551	11547410	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	73.40	30.49	191
6300553	11549400	MSB	UP	744	-	-	X	X	S	-	-	X	-	-	-	T	0101-3101	69.78	32.07	190
6300554	11549410	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	70.53	42.93	128
6300635	11477140	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	68.74	8.53	113
6300638	11478130	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	68.72	-5.59	84
6300639	11471050	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	72.40	16.79	84
6300645	11546070	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	72.25	-5.16	227
6400516	11473100	MSB	EU	745	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	68.15	-0.75	114
6400518	11472110	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	65.68	-5.17	114
6400522	11029150	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	57.67	-35.66	360
6400523	11757730	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	65.24	9.00	248
6400524	10825640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	64.51	-32.81	221
6400525	10824120	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	58.63	-47.11	221
6400527	11549160	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	59.86	-42.59	141
6400606	11478100	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	64.90	1.79	85
6400607	11479100	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	66.43	-4.59	85
6400620	11756730	MSB	UP	743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	64.61	-31.99	245
6500591	11887820	PSB	UP	742	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	59.21	-45.29	193
6500592	11164650	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	55.58	-34.70	77

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**Drifting buoys which ceased to be operational**

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
4400601	11565080	MSB	UP	20130112	46.9	-41.7	104	Unknown
4400603	11540410	MSB	UP	20130114	51.0	-31.6	106	AP measurements failed
4400627	11028170	MSB	EU	20130116	49.1	-15.4	286	AP measurements failed
4400745	13010870	MSB	EU	20130124	49.1	-5.6	414	Very few measurements (41 obs. in January)
4400865	11022610	MSB	EU	20130125	43.0	-30.0	341	AP measurements failed
4400873	11022600	MSB	EU	20130125	46.2	-24.5	315	AP measurements failed

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6200686	11845450	MSB	E2	20130114	64.2	-30.2	185	AP measurements failed
6200696	11917510	MSB	EU	20130130	40.4	-9.2	372	Faded (batteries emptied)
6200711	11345100	YSB	EU	20130123	39.3	-19.9	42	Unknown
6200722	37773	TSB	UP	20130123	20.7	-55.0	820	Faded (batteries emptied)
6300552	11548400	MSB	UP	20130125	74.9	12.3	184	AP measurements failed
6300642	11548080	MSB	EU	20130110	76.1	6.9	207	AP measurements failed
6400618	11127760	MSB	UP	20130131	62.2	-12.0	0	Wrong measurements after 10 weeks of silent
6400621	11545440	MSB	UP	20130114	63.5	-20.0	46	Ashore in Iceland
6400622	11886820	PSB	UP	20130105	64.2	-58.6	166	Probably caught by sea ice in the Labrador Sea

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**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
4400603	11540410	MSB	UP	744	-	-	S	S	X	-	-	X	-	-	-	T	0101-3101	51.01	-31.60	123
4400627	11028170	MSB	EU	744	-	-	S	S	X	-	-	X	-	-	-	T	0101-3101	49.09	-15.37	301
4400687	12294040	MSB	CA	744	-	-	-	-	X	-	-	S	-	-	-	O	0101-3101	44.32	-42.33	250
4400739	11023610	MSB	EU	744	-	-	-	-	X	-	-	X	-	-	-	T	0101-3101	33.83	-41.76	357
4400745	13010870	MSB	EU	744	-	-	S	X	X	-	-	X	-	-	-	T	0101-3101	49.06	-5.59	421
4400865	11022610	MSB	EU	744	-	-	S	S	X	-	-	X	-	-	-	T	0101-3101	43.02	-30.03	347
4400873	11022600	MSB	EU	744	-	-	S	S	X	-	-	X	-	-	-	T	0101-3101	46.19	-24.55	321
6300552	11548400	MSB	UP	744	-	-	S	S	X	-	-	X	-	-	-	T	0101-3101	74.94	12.33	190
6300642	11548080	MSB	EU	744	-	-	S	S	X	-	-	X	-	-	-	T	0101-3101	76.07	6.86	228

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**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
1300577	114638	LODY		1369	-	-	X	-	X	-	-	X	-	-	X	T	0101-3101	25.71	-34.11
1300600	43869	AOML		755	-	-	X	X	-	-	-	X	-	-	-	L	0101-3101	32.71	-28.02
1300621	44096	AOML		619	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	22.61	-47.71
1300659	11910180	AOML		744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	31.99	-18.75
1300660	11022040	UKMO		744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	27.28	-21.71
1300661	11912280	UKMO		744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	26.43	-21.74
3100739	11544480	CMM		751	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	11.43	-48.78
3100740	11976470	CMM		673	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	8.78	-39.94
3100906	104101	AOML		564	-	-	X	X	-	-	-	X	-	-	-	L	0201-3101	4.09	-46.20
4100597	11542410	CMM		744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	20.73	-52.05
4100598	11545410	CMM		743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	13.90	-64.96
4100599	11546410	CMM		744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	13.85	-37.48
4100600	11562040	CMM		744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	23.51	-37.21
4100601	11567080	CMM		506	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	18.12	-49.31
4100612	123247	AOML		748	-	-	X	X	-	-	-	X	-	-	-	L	0101-3101	32.72	-65.99
4100616	101618	AOML		744	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	38.08	-60.52
4100633	114634	LODY		1437	-	-	X	-	X	-	-	X	-	-	X	T	0101-3101	23.55	-40.15
4100634	114632	LODY		1450	-	-	X	-	X	-	-	X	-	-	X	T	0101-3101	23.67	-40.56
4100635	11544420	CMM		743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	15.71	-58.13
4100636	11568080	CMM		743	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	16.43	-59.34
4100695	12724770	CMM		744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	48.85	-21.61
4100733	36606	LODY		1507	-	-	X	-	X	-	-	X	-	-	X	T	0101-3101	20.42	-54.43
4100734	36609	LODY		1456	-	-	X	-	X	-	-	X	-	-	X	T	0101-3101	19.95	-69.15
4100735	10729990	CMM		744	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	25.24	-62.89
4100738	11919170	UKMO		683	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	24.24	-50.56
4100739	11912120	UKMO		744	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	24.83	-63.78
4100945	93003	AOML		636	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	26.23	-68.87
4100960	93006	AOML		666	-	-	X	-	X	-	-	X	-	-	-	L	0101-3101	43.67	-26.03
4300534	114642	AOML		2823	-	-	X	-	X	-	-	X	-	-	-	L	0101-3101	41.84	-41.08
4400838	101616	AOML		751	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	34.56	-51.84
4400839	101615	AOML		743	-	-	X	X	-	-	-	X	-	-	-	L	0101-3101	28.71	-52.72
6100522	10202710	CMM		336	-	-	X	X	X	-	-	X	-	-	-	T	0901-3101	42.36	5.16
6100523	10209530	CMM		173	-	-	X	X	X	-	-	X	-	-	-	T	0901-3101	42.47	5.02
6100527	10455570	CMM		173	-	-	X	X	X	-	-	X	-	-	-	T	0901-3101	42.51	4.75
6100528	49766	CMM		9	-	-	X	X	X	-	-	X	-	-	-	T	3001-3001	42.34	4.83
6100529	49767	CMM		44	-	-	X	X	X	-	-	X	-	-	-	T	3001-3101	42.26	4.54
6100530	11549070	CMM		11	-	-	X	X	X	-	-	X	-	-	X	T	3101-3101	42.38	4.74
6100531	30674	CMM		182	X	X	X	X	X	-	-	-	-	-	-	T	0901-3101	42.53	4.88
6100532	30675	CMM		182	X	-	X	X	X	-	-	-	-	-	-	T	0901-3101	42.45	4.76
6100533	30836	CMM		32	X	X	X	X	X	-	-	-	-	-	-	T	3001-3101	42.22	4.97
6100534	30837	CMM		19	X	X	X	X	X	-	-	-	-	-	-	T	3101-3101	42.49	5.19
6100535	27914	CMM		23	X	-	X	X	X	-	-	-	-	-	-	T	3101-3101	42.50	5.02
6100689	11248940	MARL		741	-	-	X	X	-	-	-	X	-	-	-	T	0101-3101	43.44	29.24
6100690	11249940	MARL		740	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	41.71	37.42
6100787	73224	CMM		823	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	41.17	7.89
6100788	11547080	CMM		732	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	41.51	5.96
6200502	11758720	CMM		743	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	42.69	-17.90
6200503	11758700	CMM		744	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	48.57	-9.91
6200505	11120780	CMM		744	-	-	X	X	X	-	-	X	-	-	X	T	0101-3101	38.55	-14.81

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**Abbreviations**  
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WMO : WMO id.  
Argos : Argos id.  
Typ : Buoy type  
    - first character : Manufacturer (C = ConMar , M = Metocean, P = Pacific Gyre  
  T = Technocean, Y = Marlin-Yug...)  
    - second character : Main type (F = FGGE, I = ICEB, S = SVP)  
    - third character : Sub type (B = barometer buoy, W = Wind buoy,  
  S = Salinity buoy)  
Ow : Buoy owner (country code or EU for EUCOS, E2 for HRSST-2 buoys, 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 tendency  
    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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**MOORED BUOYS**  
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No data have been received from Greek moored buoys since the 1<sup>st</sup> of July 2012.

The GTS transmission for Spanish moored buoys disrupted again on 19-21 January. This explains why 685 observations were received at most instead of 744 expected.

Lion moored buoy was replaced on 30<sup>th</sup> January.

**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	713	X	X	X	X	X	X	X	-	-	X	-	T	0101-3101	43.40	7.80
6100002	Lion	723	X	X	X	X	X	X	X	-	-	X	-	T	0101-3101	42.10	4.70
6200001	Gascogne	743	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	45.30	-5.00
6200029	K1	718	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	48.70	-12.50
6200081	K2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	708	X	X	X	-	X	-	-	-	-	X	X	O	0201-3101	53.50	-5.40
6200092	M3	742	X	X	X	-	X	X	-	-	-	X	X	O	0101-3101	51.20	-10.50
6200093	M4	743	X	X	X	-	X	-	-	-	-	S	X	O	0101-3101	54.70	-9.10
6200094	M5	742	X	X	X	-	X	X	-	-	-	X	-	O	0101-3101	51.70	-6.70
6200095	M6	646	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	53.10	-15.90
6200105	K4	725	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	557	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	47.50	-8.40
6400045	K5	738	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	59.10	-11.70
6400046	K7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.70	-5.20

Comments:

- EUCOS moored buoys are presented in bold characters.

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**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	681	X	X	X	-	X	X	X	-	-	-	X	O	0101-3101	28.18	-15.82
1300131	Tenerife Sur	427	X	X	X	-	X	X	X	-	-	-	X	O	1101-3101	28.00	-16.58
6100196	C. Begur	685	X	X	X	-	-	X	X	-	-	-	-	O	0101-3101	41.92	3.65
6100197	Mahon	685	X	X	X	-	-	X	X	-	-	-	-	O	0101-3101	39.72	4.42
6100198	C. de Gata	685	X	X	X	-	-	X	X	-	-	-	-	O	0101-3101	36.57	-2.33
6100280	Tarragona	685	X	X	X	-	X	X	X	-	-	-	X	O	0101-3101	40.77	1.47
6100281	Valencia	685	X	X	X	-	X	X	X	-	-	-	X	O	0101-3101	39.47	-0.27
6100417	C. de Palos	685	X	X	X	-	X	X	X	-	-	-	X	O	0101-3101	37.65	-0.32
6100430	Dragonera	685	X	X	X	-	X	X	X	-	-	-	-	O	0101-3101	39.56	2.11
6200024	Bilbao-Visc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.63	-3.03
6200025	C. de Penas	679	X	X	X	-	X	X	X	-	-	-	X	O	0101-3101	43.73	-6.17
6200082	E. de Bares	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.13	-7.69
6200083	Villano-Sis.	68	S	S	S	S	S	S	S	-	-	S	S	-	0101-2701	43.48	-9.22
6200084	C. Silleiro	685	X	X	X	-	X	X	X	-	-	-	X	O	0101-3101	42.12	-9.43
6200085	G. de Cadiz	686	X	X	X	-	X	X	X	-	-	-	X	O	0101-3101	36.48	-6.97
	0 Santander	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.84	-3.77

Comments:

- The EUCOS buoy is presented in bold characters.

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**Operating ISPRA moored buoys (Italy)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
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6100207	689	-	-	-	-	X	X	-	-	-	-	-	-	O	0101-3101	37.44	15.15
6100208		-	-	-	-	-	-	-	-	-	-	-	-			37.52	12.53
6100209		-	-	-	-	-	-	-	-	-	-	-	-			38.26	13.33
6100210		-	-	-	-	-	-	-	-	-	-	-	-			39.02	17.22
6100211	828	-	-	-	-	S	S	-	-	-	-	-	-		0101-1901	39.45	15.92
6100212		-	-	-	-	-	-	-	-	-	-	-	-			40.62	9.89
6100213		-	-	-	-	-	-	-	-	-	-	-	-			40.55	8.11
6100214	1119	-	-	-	-	X	X	-	-	-	-	-	-	O	0701-3101	40.87	12.95
6100215		-	-	-	-	-	-	-	-	-	-	-	-			40.98	17.38
6100216		-	-	-	-	-	-	-	-	-	-	-	-			42.24	11.55
6100218	1448	-	-	-	-	X	X	-	-	-	-	-	-	O	0101-3101	43.83	13.72
6100219	1431	-	-	-	-	X	X	-	-	-	-	-	-	O	0101-3101	43.93	9.83
6100220	1401	-	-	-	-	X	X	-	-	-	-	-	-	O	0101-3101	45.33	12.52
6100221	1454	-	-	-	-	X	X	-	-	-	-	-	-	O	0101-3101	39.12	9.40

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**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		-	-	-	-	-	-	-	-	-	-	-	-			39.10	24.50
6101001		-	-	-	-	-	-	-	-	-	-	-	-			37.60	23.60
6101002		-	-	-	-	-	-	-	-	-	-	-	-			37.00	22.10
6101003		-	-	-	-	-	-	-	-	-	-	-	-			40.00	24.70
6101004		-	-	-	-	-	-	-	-	-	-	-	-			39.10	25.80
6101005		-	-	-	-	-	-	-	-	-	-	-	-			37.50	25.50
6101006		-	-	-	-	-	-	-	-	-	-	-	-			36.30	25.50
6101007		-	-	-	-	-	-	-	-	-	-	-	-			35.80	24.90
6101008		-	-	-	-	-	-	-	-	-	-	-	-			36.80	21.60
6101009		-	-	-	-	-	-	-	-	-	-	-	-			38.00	20.60

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**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	24	-	-	-	-	S	-	-	S	-	-	-		0901-1001	43.80	9.10
6200442	PAP	174	X	X	X	X	X	X	-	-	-	X	-	O	2401-3101	49.00	-16.40
6600021	Arkona Becken	738	X	X	-	-	X	X	-	-	-	-	-	O	0101-3101	54.90	13.90
6600022	Oder Bank		-	-	-	-	-	-	-	-	-	-	-			54.10	14.20
6600024	Darsser Schwell		-	-	-	-	-	-	-	-	-	-	-			54.70	12.70

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**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		351	X	X	-	-	S	-	-	-	-	X	-	L	0101-3101	11.49	-38.40
4100040	West Atlantic	735	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	14.50	-53.00
4100041	Mid. Atlantic	741	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	14.50	-46.00
4100043	Porto Rico	733	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	21.00	-65.00
4100044		743	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	21.70	-58.70
4100046		742	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		733	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	32.00	-69.60
4100049		728	S	X	X	X	X	X	-	-	-	X	-	O	0101-3101	27.50	-53.00
4100139		392	X	X	X	-	X	-	-	-	-	X	-	L	0101-3101	20.02	-37.86
4100300	Antilles	719	X	X	X	X	X	X	-	-	-	X	-	T	0101-3101	15.85	-57.47
4200059	Caraibes	744	X	X	X	X	X	X	-	-	-	-	-	O	0101-3101	15.00	-67.50
4400008	A Nantucket	740	-	X	X	X	X	X	-	-	-	-	-	O	0101-3101	40.50	-69.40
4400011	D Georges Bk	174	-	S	S	S	S	S	-	-	-	-	-		0101-0801	41.10	-66.60
4400018	SE Cape Cod		-	-	-	-	-	-	-	-	-	-	-			41.30	-69.30
4400024	NNE Channel	690	X	X	X	-	X	X	-	-	-	-	-	O	0101-3101	42.30	-65.90
4400137	E Scotia Sl.	733	X	X	X	X	X	X	-	-	-	-	-	O	0101-3101	42.30	-62.00
4400138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
4400139	Beanquereau	730	X	X	X	X	X	X	-	-	-	-	-	O	0101-3101	44.30	-57.10
4400140	Tail of Bk		-	-	-	-	-	-	-	-	-	-	-			43.80	-51.70
4400141	Larentian F		-	-	-	-	-	-	-	-	-	-	-			43.00	-58.00
4400150	La Have Bk	741	X	X	X	X	X	X	-	-	-	-	-	O	0101-3101	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, January 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130131	2500615	13409520	744	0	-1.1	0.6
20130131	2500616	11549100	694	0	0.3	0.3
20130131	2500617	11540100	695	0	0.2	0.4
20130131	2500620	11541100	728	0	-0.0	0.5
20130131	2500622	11540110	711	0	-0.1	0.7
20130131	2600555	11545100	744	0	-0.3	0.6
20130131	2600556	11549080	743	0	-0.0	0.5
20130131	2600557	11544090	743	0	-0.1	0.5
20130131	4100597	12058610	744	0	-0.0	0.6
20130131	4100598	13207690	743	0	-0.2	0.8
20130131	4100599	13016830	744	0	0.0	0.5
20130131	4100600	12776720	744	0	-0.0	0.5
20130131	4100601	13800460	506	0	-0.0	0.5
20130131	4100637	13801460	744	0	-0.0	0.6
20130131	4100638	10827640	744	0	-0.0	0.7
20130116	4100728	10822170	163	0	-0.2	0.4
20130116	4100730	10820120	163	0	-0.3	0.7
20130131	4400549	11025170	744	0	-0.1	1.5
20130131	4400551	11027150	744	8	-0.2	1.4
20130112	4400601	11565080	264	0	-0.4	1.6
<b>20130114</b>	<b>4400603</b>	<b>11540410</b>	<b>326</b>	<b>44</b>	<b>-0.2</b>	<b>2.8</b>
20130131	4400606	11687410	744	0	-0.2	0.8
20130131	4400616	11813550	744	1	-0.0	1.2
20130131	4400620	11022170	743	0	-0.3	0.8
20130131	4400622	11881820	743	0	0.3	0.9
20130131	4400623	11167640	744	0	0.7	1.1
20130131	4400624	11341110	744	1	0.2	1.0
<b>20130131</b>	<b>4400626</b>	<b>11814550</b>	<b>744</b>	<b>40</b>	<b>-0.2</b>	<b>1.4</b>
<b>20130116</b>	<b>4400627</b>	<b>11028170</b>	<b>374</b>	<b>39</b>	<b>-0.0</b>	<b>2.8</b>
<b>20130131</b>	<b>4400629</b>	<b>11021160</b>	<b>744</b>	<b>28</b>	<b>-0.3</b>	<b>1.5</b>
20130131	4400630	13015830	744	0	-0.2	0.6
<b>20130131</b>	<b>4400685</b>	<b>12762900</b>	<b>747</b>	<b>88</b>	<b>-0.5</b>	<b>2.0</b>
20130131	4400721	13805460	743	11	0.4	1.9
20130131	4400723	10825630	744	0	0.5	0.9
20130131	4400724	13300270	744	0	-0.2	1.1
20130131	4400725	11027170	744	0	-0.1	0.7
20130131	4400726	11023190	744	0	-0.4	0.8
20130131	4400727	11026170	293	13	0.0	0.7
20130131	4400728	11020190	744	0	-0.2	1.4
20130131	4400730	11846540	744	0	-0.4	1.3
20130131	4400740	11883820	743	0	0.0	0.6
20130131	4400741	11688230	744	0	-0.1	0.7
20130131	4400744	13805450	744	1	-0.1	0.8
20130124	4400745	13010870	41	0	-0.3	0.3
<b>20130130</b>	<b>4400746</b>	<b>13357510</b>	<b>345</b>	<b>30</b>	<b>0.2</b>	<b>1.7</b>
20130131	4400760	11880820	744	0	-0.2	1.1
20130131	4400761	11883770	744	0	-0.1	1.0
20130131	4400762	11244970	739	0	-0.1	1.0
20130131	4400767	11919510	744	0	-0.2	1.6
20130131	4400768	11912520	744	0	0.3	0.7
20130131	4400772	11544410	744	5	-0.1	1.1
<b>20130131</b>	<b>4400774</b>	<b>11460700</b>	<b>744</b>	<b>46</b>	<b>-0.6</b>	<b>2.4</b>
20130131	4400775	11540170	743	5	-0.2	1.1
20130131	4400776	11844540	744	2	-0.2	1.4
20130131	4400777	11885820	744	0	-0.0	1.3
20130131	4400778	11463700	744	2	-0.2	1.1
20130131	4400779	11885820	744	2	-0.1	1.2
20130131	4400780	11880840	744	1	0.1	1.1
<b>20130131</b>	<b>4400835</b>	<b>83420</b>	<b>769</b>	<b>23</b>	<b>0.1</b>	<b>1.8</b>
20130131	4400844	37533	762	0	0.1	0.5
20130131	4400864	13614150	736	0	0.1	1.0

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<b>20130125</b>	<b>4400865</b>	<b>11022610</b>	<b>590</b>	<b>45</b>	<b>0.7</b>	<b>2.4</b>
20130131	4400866	11020180	744	0	0.0	0.8
20130131	4400867	11022740	744	0	-0.2	1.1
20130131	4400869	11026040	744	0	-0.1	0.4
20130131	4400871	11025180	741	0	-0.2	0.6
20130131	4400872	11027700	744	0	0.4	0.6
<b>20130125</b>	<b>4400873</b>	<b>11022600</b>	<b>590</b>	<b>30</b>	<b>0.5</b>	<b>2.4</b>
20130131	4400875	11021610	744	0	0.4	0.5
20130131	4400885	39086	761	0	0.3	0.7
20130131	4800662	10822620	744	3	0.4	0.9
20130131	4800663	10822640	744	0	0.4	0.8
20130131	6200511	11026160	743	0	-0.4	0.5
20130131	6200518	11024270	743	0	-0.1	0.5
20130131	6200520	13611180	744	0	0.0	0.5
20130131	6200521	11688060	744	0	0.1	0.7
20130131	6200522	11680430	744	0	-0.2	0.6
20130131	6200531	11548410	744	0	0.0	1.2
20130131	6200532	11566230	744	0	-0.1	0.8
20130131	6200554	11027160	743	0	0.0	0.5
20130131	6200555	11023170	743	0	0.2	0.5
20130131	6200556	11021170	744	0	0.1	0.4
<b>20130131</b>	<b>6200557</b>	<b>11028160</b>	<b>744</b>	<b>25</b>	<b>-0.3</b>	<b>1.0</b>
20130131	6200677	11022050	245	0	0.1	0.6
20130131	6200678	11029050	744	0	-0.0	1.0
20130131	6200680	11166640	744	0	-0.0	0.9
20130131	6200681	11168640	743	0	0.0	0.9
20130131	6200684	11882820	744	0	-0.1	0.6
20130131	6200685	11461700	744	0	-0.3	1.2
<b>20130114</b>	<b>6200686</b>	<b>11845450</b>	<b>326</b>	<b>90</b>	<b>-0.7</b>	<b>2.0</b>
20130131	6200687	11349100	740	0	-0.1	0.9
20130131	6200688	11248950	740	0	-0.2	1.4
20130130	6200696	11917510	720	0	0.4	0.5
20130131	6200697	12291040	744	0	-0.1	0.5
20130123	6200711	11345100	444	0	0.1	0.5
20130131	6200713	11246980	732	0	-0.1	0.5
20130131	6200714	11240980	733	0	-0.0	0.5
<b>20130123</b>	<b>6200722</b>	<b>37773</b>	<b>538</b>	<b>71</b>	<b>0.1</b>	<b>0.5</b>
20130131	6200724	39074	738	0	-0.2	0.5
20130131	6300551	11547410	744	0	-0.4	0.9
<b>20130125</b>	<b>6300552</b>	<b>11548400</b>	<b>590</b>	<b>18</b>	<b>-0.8</b>	<b>2.1</b>
20130131	6300553	11549400	744	5	-0.3	1.0
20130131	6300554	11549410	744	13	-0.3	1.2
20130131	6300635	11477140	743	0	-0.1	0.5
20130131	6300638	11478130	744	0	-0.1	0.4
20130131	6300639	11471050	744	0	-0.1	0.4
<b>20130110</b>	<b>6300642</b>	<b>11548080</b>	<b>230</b>	<b>75</b>	<b>0.1</b>	<b>0.9</b>
20130131	6300645	11546070	744	8	-0.6	1.5
20130131	6400516	11473100	745	0	-0.2	0.4
20130131	6400518	11472110	744	0	-0.1	0.4
20130131	6400522	11029150	744	0	-0.1	1.0
20130131	6400523	11757730	744	0	-0.1	0.5
20130131	6400524	10825640	744	0	0.6	0.9
20130131	6400525	10824120	744	0	0.3	0.7
20130131	6400527	11549160	744	9	-0.2	1.9
20130131	6400606	11478100	743	0	-0.2	0.4
20130131	6400607	11479100	744	0	0.0	0.4
20130131	6400620	11756730	743	0	0.1	0.8
<b>20130114</b>	<b>6400621</b>	<b>11545440</b>	<b>326</b>	<b>59</b>	<b>-0.5</b>	<b>2.6</b>
<b>20130102</b>	<b>6400622</b>	<b>11886820</b>	<b>38</b>	<b>25</b>	<b>4.0</b>	<b>4.5</b>
20130131	6500591	11887820	742	0	0.3	0.9
20130131	6500592	11164650	744	0	-0.0	1.1

### Air Pressure (hPa), moored buoys, January 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130131	1300130		681	0	0.5	0.6
20130131	1300131		427	0	0.7	1.1
20130131	6100001		710	0	-0.1	0.6
20130131	6100002		716	0	0.2	0.6
20130131	6100196		685	0	0.3	0.8
20130131	6100197		685	0	0.4	0.7
20130131	6100198		685	0	0.3	0.7
20130131	6100280		685	0	0.2	0.7

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20130131	6100281	685	0	-0.1	0.8
20130131	6100417	685	0	0.2	0.7
20130131	6100430	685	0	-0.3	0.8
20130131	6200001	743	0	0.1	0.6
20130131	6200025	679	0	0.5	0.6
20130131	6200029	718	1	-0.0	0.8
20130117	6200083	65	1	0.4	0.5
20130131	6200084	685	0	0.8	0.8
20130131	6200085	685	0	0.2	0.6
20130131	6200091	708	0	0.0	0.8
<b>20130131</b>	<b>6200092</b>	<b>742</b>	<b>20</b>	<b>0.3</b>	<b>1.6</b>
20130131	6200093	743	4	-0.3	0.9
20130131	6200094	742	1	-0.2	0.6
20130131	6200095	646	6	0.4	1.4
20130131	6200105	725	0	-0.0	0.9
20130131	6200163	557	0	0.1	0.7
20130131	6400045	738	0	0.1	0.8

### Air Temperature (C), moored buoys, January 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130131	1300130		681	0	-0.9	0.5
20130131	1300131		427	0	-1.8	1.1
20130131	6100001		711	0	-1.0	0.9
20130131	6100002		35	0	-0.0	0.4
20130131	6100196		685	0	0.1	0.7
20130131	6100197		685	0	0.5	0.7
20130131	6100198		684	0	-0.4	1.0
20130131	6100280		685	0	0.0	0.7
20130131	6100281		685	0	-0.2	0.7
20130131	6100417		685	0	-0.3	0.6
20130131	6100430		685	0	-0.0	0.5
20130131	6200001		743	0	-0.4	0.7
20130131	6200025		679	0	-0.8	0.9
20130131	6200029		718	0	-0.5	0.7
20130117	6200083		66	0	-0.1	0.5
20130131	6200084		685	0	-0.2	0.6
20130131	6200085		685	0	-0.3	0.6
20130131	6200091		708	0	-0.0	0.5
20130131	6200092		742	0	-0.9	1.1
20130131	6200093		743	0	-0.3	0.6
20130131	6200094		742	0	0.2	0.5
20130131	6200095		625	0	-0.6	0.8
20130131	6200105		725	0	-0.3	0.7
20130131	6200163		557	0	-0.6	0.6
20130131	6400045		738	0	-0.5	0.6
20130131	6600021		733	0	-0.0	0.5

### Wind direction (deg.), moored buoys, January 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130131	1300130		454	12	9	19
20130131	1300131		427	4	-4	26
20130131	6100001		708	92	2	33
20130131	6100002		487	2	-6	16
20130131	6100196		677	40	-25	34
20130131	6100197		683	9	-15	22
20130131	6100198		669	68	-6	29
20130131	6100280		682	21	-5	26
20130131	6100281		675	23	-2	28
<b>20130131</b>	<b>6100417</b>		<b>670</b>	<b>226</b>	<b>-6</b>	<b>57</b>
20130131	6100430		676	16	-9	23
20130131	6200001		742	2	1	17
20130131	6200025		673	19	-12	27
20130131	6200029		716	3	-2	16
20130131	6200084		678	7	12	21
20130131	6200085		672	9	-2	21
20130131	6200091		708	4	1	16
20130131	6200092		741	28	6	20
20130131	6200093		743	4	1	16
20130131	6200094		742	2	2	14

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20130131	6200095	642	30	-3	19
20130131	6200105	724	13	-1	19
20130131	6200163	556	5	-5	16
20130131	6400045	738	4	-1	15
20130131	6600021	737	0	-4	12

### Wind speed rate, moored buoys, January 2013

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20130131	1300130		454	0	1.2	1.7
20130131	1300131		427	0	1.2	2.7
20130131	6100001		708	2	1.5	2.2
20130131	6100002		487	1	0.9	2.0
20130131	6100196		677	59	1.1	2.7
20130131	6100197		683	0	1.1	1.9
20130131	6100198		669	0	1.0	3.0
20130131	6100280		682	0	1.0	2.2
20130131	6100281		675	1	1.3	3.0
20130131	6100417		670	39	0.8	2.0
20130131	6100430		676	0	1.0	1.9
20130131	6200001		742	0	1.0	1.5
20130131	6200025		673	0	0.8	2.4
20130131	6200029		716	2	1.0	1.6
20130131	6200084		678	0	1.0	1.6
20130131	6200085		672	0	1.0	1.4
20130131	6200091		708	0	0.9	1.9
20130131	6200092		741	8	1.0	2.6
20130131	6200093		743	1	1.0	1.9
20130131	6200094		742	0	1.0	1.7
20130131	6200095		622	3	1.0	2.1
20130131	6200105		724	5	1.2	2.4
20130131	6200163		556	2	1.0	1.7
20130131	6400045		738	2	1.0	2.1
20130131	6600021		737	0	1.1	1.3

### Comments on QC statistics :

#### Air pressure

1. Metocean Iridium buoys WMO **4400603**, **4400627**, **4400865**, **4400873**, **6200686**, **6300552**, **6300642** and **6400621** reported many wrong pressure values onto the GTS before the transmission was stopped for this parameter. The latter has been ashore in Iceland.
2. Technocean Argos buoy WMO **6200722** and Pacific Gyre buoy WMO **6400622** reported some wrong pressure values onto the GTS before they stopped transmitting (end of life). The first one had a total lifetime of 820 days. The second one was probably caught by sea ice in the Labrador Sea.
3. Technocean Argos buoy WMO **4400835** and Metocean Iridium buoys WMO **4400626**, **4400629**, **4400685**, **4400746**, **4400774** and **6200557** reported some wrong pressure values onto the GTS but measurements became right later. Although some of them already reported dubious values in December, the GTS data transmission was not discontinued for them.
4. Irish moored buoy M3 (WMO **6200092**) reported a few wrong pressure values at the end of January.

#### Wind

5. It seems that Spanish moored buoy WMO **6100196** reported some dubious wind speed in January.
6. Wind directions, and perhaps wind speed values, reported by Spanish moored buoy WMO **6100417** continued to be dubious in January.

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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).