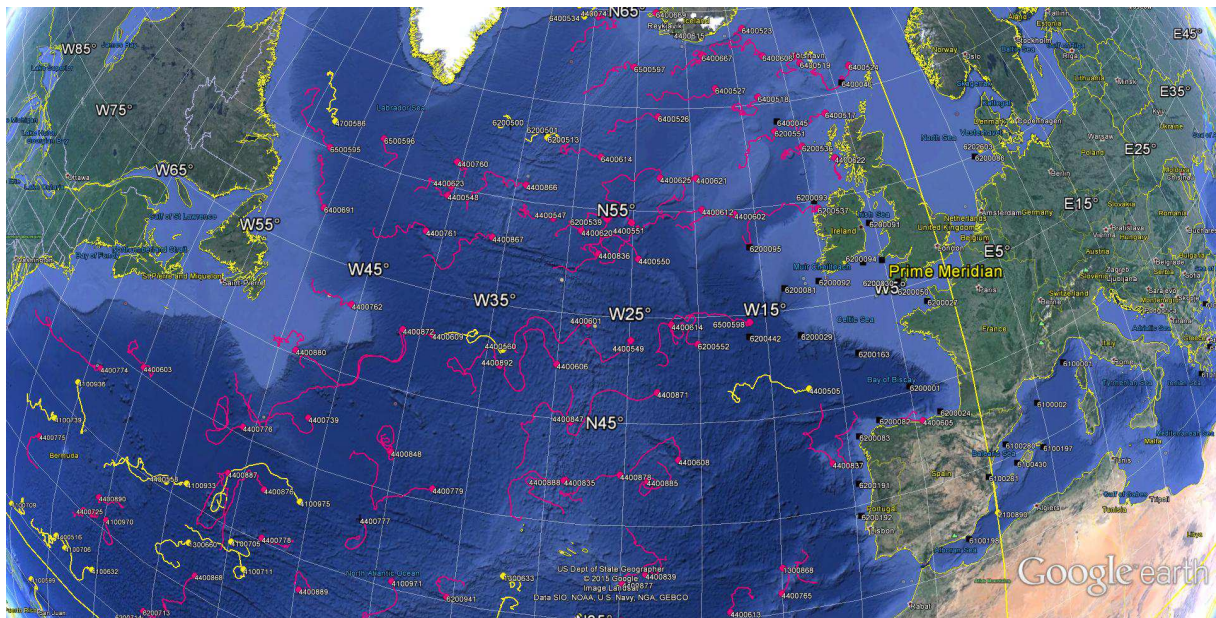


DATA BUOY MONTHLY REPORT

February 2015



*February 2015 : Operating data buoys in the North Atlantic
Drifting buoy trajectories : E-SURFMAR (red), others (yellow)
Moored buoy positions (black)*

*Most recent trajectories may be seen at:
http://www.meteo.shom.fr/cartographie/data/kml/MeteoFrance_buoys_map_15.kmz*

E-SURFMAR DB Monthly Report February 2015



February 2015
Drifting buoy trajectories in Arctic Ocean and adjacent seas : E-SURFMAR (red), others (yellow)

DRIFTING BUOYS

Network status

By the end of February, **111 Drifting buoys**, reporting air pressure onto the GTS, were in operation in the frame of E-SURFMAR. Out of these, 79 were E-SURFMAR funded Iridium SVP-Bs, including 4 in the Arctic and 11 HRSST-2 buoys. The remaining buoys were: 32 Iridium drifters owned by NOAA and upgraded with barometers by E-SURFMAR.

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

Besides E-SURFMAR buoys, 68 drifting buoys were reporting at least air pressure observations from the EUMETNET area of interest. Out of these, only one was reporting Sea Surface Salinity. Two German moored buoys are still reporting their data with WMO numbers normally allocated to a drifting buoy (6202603 and 6302604).

Drifting buoys - New deployments

WMO	Telcom	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
	61510840	MSB	EU	20150208	41.8	-64.0	Southampton	Osaka Express - failed at depl.
	61618050	MSB	EU	20150206	42.1	-49.0	Southampton	Osaka Express - failed at depl.
	61617060	MSB	EU	20150204	46.0	-43.1	Southampton	Osaka Express - failed at depl.
	61616050	MSB	EU	20150204	47.0	-40.0	Southampton	Osaka Express - failed at depl.
4400609	61613050	MSB	EU	20150205	44.1	-45.8	Southampton	Osaka Express
4400623	61669330	MSB	EU	20150206	54.5	-41.0	Reykjavik	Skogafoss
4400760	61662360	MSB	EU	20150206	55.1	-39.9	Reykjavik	Skogafoss
4400761	61669320	MSB	EU	20150206	52.0	-45.0	Reykjavik	Skogafoss
4400762	61664310	MSB	EU	20150207	49.0	-49.4	Reykjavik	Skogafoss
6200513	61665360	MSB	EU	20150205	58.0	-35.0	Reykjavik	Skogafoss

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
1300868	11686410	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	37.49	-14.98	100
1300869	11688410	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	24.55	-26.22	98
2500616	61762070	MSB	EU	672	-	-	X	X	-	-	-	X	-	-	-	T	0102-2802	74.12	157.78	207
2500617	61767070	MSB	EU	672	-	-	X	X	-	-	-	X	-	-	-	T	0102-2802	88.01	-82.90	161
2500620	61760090	MSB	EU	672	-	-	X	X	S	-	-	X	-	-	-	T	0102-2802	89.24	66.74	155
4100970	60213790	PSB	UP	654	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	30.86	-59.68	569
4100971	60215900	PSB	UP	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	35.45	-38.85	569
4100972	60217780	PSB	UP	666	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	27.21	-48.61	569
4400546	11160640	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	27.14	-29.87	711
4400547	60173710	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	54.38	-31.49	202
4400548	11799230	MSB	E2	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	54.59	-40.43	202
4400549	60896130	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	48.95	-24.89	175
4400550	60894140	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	52.76	-24.51	175
4400551	60892140	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	54.46	-25.15	175
4400601	60890150	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	49.62	-27.98	174
4400602	11468700	MSB	UP	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	54.79	-16.70	709
4400603	11793230	MSB	E2	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	40.44	-59.94	145
4400605	11473110	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	43.44	-4.47	659
4400606	11162640	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	47.60	-29.98	143
4400608	11093800	MSB	E2	671	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	43.30	-21.52	142
4400609	61613050	MSB	EU	472	-	-	X	X	X	-	-	X	-	-	-	T	0902-2802	48.00	-39.05	24
4400612	61511880	MSB	EU	667	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	55.07	-19.37	434
4400613	11475040	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	35.41	-18.27	725
4400614	61661340	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	49.70	-21.98	305
4400620	61667370	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	53.93	-29.11	304
4400621	61519840	MSB	EU	634	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	56.58	-19.72	385
4400622	61668320	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	56.88	-7.06	303
4400623	61669330	MSB	EU	470	-	-	X	X	X	-	-	X	-	-	-	T	0902-2802	55.05	-40.33	23
4400624	11341110	YSB	EU	656	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	25.05	-21.32	810

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6400668	60177860	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	75.81	1.68	434
6400669	60177710	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	64.97	-23.09	430
6400692	60172720	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	69.75	4.06	373
6500596	61511850	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	56.38	-47.46	255
6500597	11595650	MSB	EU	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	62.06	-25.39	261
6500598	11792240	MSB	E2	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	49.66	-16.24	249

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

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
2500648	60370080	MSB	EU	20150204	79.5	-0.4	518	Unknown
4400615	61666340	MSB	EU	20150201	63.9	-21.1	278	Ashore in Iceland
4400777	61475420	DSB	UP	20150226	38.2	-41.5	102	Unknown
6400607	11479100	MSB	EU	20150224	74.9	-4.9	839	Unknown

----- 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
2500624	60247420	MSB	EU	672	-	-	-	-	X	-	-	X	-	-	-	T	0102-2802	67.58	-18.80	547
4400604	11794240	MSB	E2	664	-	-	-	-	X	-	-	X	-	-	-	T	0102-2802	45.88	-50.14	144
6200538	11460700	MSB	UP	672	-	-	-	-	X	-	-	X	-	-	-	T	0102-2802	62.99	-19.66	264
6300644	61766070	MSB	EU	672	-	-	S	S	X	-	-	X	-	-	-	T	0102-2802	73.76	19.26	150
6400691	61514870	MSB	EU	642	-	-	S	S	X	-	-	X	-	-	-	T	0102-2802	52.23	-50.26	386
6500595	11595570	MSB	EU	658	-	-	S	S	X	-	-	X	-	-	-	T	0102-2802	55.06	-51.92	257

----- Other operating drifting buoys inside the EUMETNET area 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
1300515	114951	AOML		621	-	-	X	-	X	-	-	X	-	-	-	L	0102-2802	21.85	-33.72
1300517	114943	AOML		596	-	-	X	-	X	-	-	X	-	-	-	L	0102-2802	14.91	-24.51
1300519	127004	AOML		636	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	16.10	-27.46
1300523	114877	AOML		516	-	-	X	-	X	-	-	X	-	-	-	L	0102-2802	5.57	-38.80
1300525	127003	AOML		653	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	5.55	-38.82
1300529	127005	AOML		648	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	16.50	-22.62
1300530	114916	AOML		591	-	-	X	-	X	-	-	X	-	-	-	L	0102-2802	16.65	-22.47
1300531	114921	AOML		567	-	-	X	-	X	-	-	X	-	-	-	L	0202-2802	10.37	-43.53
1300569	114880	AOML		646	-	-	X	-	X	-	-	X	-	-	-	L	0102-2802	32.20	-29.96
1300570	116474	AOML		668	-	-	X	-	X	-	-	X	-	-	-	L	0102-2802	33.99	-27.20
1300572	127002	AOML		660	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	33.72	-31.31
1300633	109491	AOML		666	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	36.96	-32.06
1300659	11910180	UKMO		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	26.73	-52.56
1300660	11022040	UKMO		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	32.93	-52.82
1300661	62325770	UKMO		373	-	-	X	X	X	-	-	X	-	-	-	T	1302-2802	12.02	-19.14
1300662	11098800	UKMO		670	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	27.61	-43.49
1300664	11090810	UKMO		671	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	22.26	-46.11
1500549	60794980	UKMO		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	9.45	-57.69
2100942	119223	AOML		659	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	28.58	-24.51
2500535				449	-	-	X	X	X	-	-	-	-	-	-	L	1002-2802	86.81	-53.65
2500540		APL		672	-	-	X	X	X	-	-	-	-	-	-	L	0102-2802	86.41	-46.42
2500575				368	-	-	X	X	-	-	-	-	-	-	-	L	1302-2802	87.35	-55.66
2600538	61369400	PSC		672	-	-	X	X	X	-	-	S	-	-	-	O	0102-2802	79.61	6.69
3100515				511	-	-	X	-	X	-	-	X	-	-	-	L	0402-2802	8.95	-50.78
3100717	61614160	CMM		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	18.23	-54.83
3100862	61213570	LOCE		1344	-	-	X	X	X	-	-	X	-	-	X	T	0102-2802	1.34	-2.41
3100863	61611040	CMM		668	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	22.03	-50.50
4100560	114550	AOML		668	-	-	X	-	-	-	-	X	-	-	-	L	0102-2802	33.80	-22.50
4100564	109221	AOML		657	-	-	X	-	X	-	-	X	-	-	-	L	0102-2802	31.36	-40.67
4100580	132677	AOML		631	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	16.97	-44.19
4100590	132676	AOML		620	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	18.65	-51.47
4100591	132678	AOML		636	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	15.21	-50.19
4100594	127029	AOML		641	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	20.18	-39.33
4100596	11473050	EUME		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	21.07	-58.74
4100597	61512840	AOML		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	22.17	-54.25
4100598	61610040	AOML		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	22.21	-46.19
4100599	61615070	AOML		672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	20.85	-66.90

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4100600	61618040	AOML	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	15.42	-59.16
4100632	11474050	EUME	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	26.85	-60.30
4100705	11596570	AOML	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	34.29	-49.77
4100706	11595580	AOML	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	26.60	-63.11
4100709	11598570	AOML	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	25.09	-69.75
4100711	11477030	EUME	671	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	33.08	-48.57
4100737	60342390	CMM	672	-	-	X	X	X	-	-	X	-	-	-	T	0102-2802	26.07	-55.61
4100739	11912120	UKMO	657	-	-	X	X	-	-	-	X	-	-	-	T	0102-2802	33.87	-66.51
4100933	101721	AOML	667	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	36.10	-53.88
4100936	109488	AOML	577	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	36.99	-65.28
4100975	109439	AOML	643	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	38.03	-45.63
4400505	98087	ICEP	1473	-	-	X	X	X	-	-	-	-	-	-	L	0102-2802	46.19	-12.38
4400516	114599	AOML	634	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	26.82	-64.14
4400554	126479	AOML	654	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	31.60	-41.06
4400558	123286	AOML	672	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	35.51	-55.47
4400560	126480	AOML	659	-	-	X	X	-	-	-	X	-	-	-	L	0102-2802	47.97	-33.86
4400896	109438	AOML	625	-	-	X	X	X	-	-	X	-	-	-	L	0102-2802	30.80	-37.21
4700503		APL	672	-	-	X	X	-	-	-	-	-	-	-	L	0102-2802	83.39	-13.25
4700585	11541430	EC	672	-	-	X	X	X	-	-	-	-	-	-	O	0102-2802	68.22	-66.65
4700586	11541440	EC	672	-	-	X	X	X	-	-	X	-	-	-	O	0102-2802	56.35	-52.55
4800568	61363210	PSC	672	-	-	X	X	X	-	-	X	-	-	-	O	0102-2802	65.04	-37.49
4800597	100009	PSC	1283	X	X	X	-	-	-	-	X	-	-	-	O	0102-2802	84.31	-44.95
4800778	60894080	EC	672	-	-	X	X	-	-	-	-	-	-	-	O	0102-2802	84.40	-22.75
4800779	60890090	EC	672	-	-	X	X	-	-	-	-	-	-	-	O	0102-2802	80.30	-8.10
6202603		BSH	572	X	X	X	X	-	-	-	-	-	X	-	O	0102-2802	55.20	7.20
6202604		BSH	441	X	-	-	-	-	-	-	-	-	-	-	O	0102-2802	54.00	6.60
6300546	61361200	PSC	672	-	-	X	X	X	-	-	X	-	-	-	O	0102-2802	68.42	-14.24
6400532			672	-	-	X	X	X	-	-	-	-	-	-	L	0102-2802	65.12	-31.99
6400533			672	-	-	X	X	X	-	-	-	-	-	-	L	0102-2802	67.37	-29.87
6400534			670	-	-	X	X	X	-	-	-	-	-	-	L	0102-2802	64.55	-31.20
6400535			673	-	-	X	X	S	-	-	-	-	-	-	L	0102-2802	77.62	-12.93

----- Abbreviations -----

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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February 2015**

MOORED BUOYS

Former EGOS stations (K-pattern and Hydrosphere)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100001	Cote d'Azur	639	X	X	X	X	X	S	X	-	-	X	-	T	0102-2802	43.40	7.80
6100002	Lion	672	X	X	X	X	X	S	X	-	-	X	-	T	0102-2802	42.10	4.70
6200001	Gascogne	672	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	45.30	-5.00
6200029	K1	620	X	X	X	-	X	X	-	-	-	X	-	O	0102-2802	48.70	-12.50
6200081	K2	669	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	666	X	X	X	-	X	X	-	-	-	X	-	O	0102-2802	53.50	-5.40
6200092	M3	672	X	X	X	-	X	X	-	-	-	X	-	O	0102-2802	51.20	-10.50
6200093	M4	671	X	X	X	-	X	X	-	-	-	-	-	O	0102-2802	54.70	-9.10
6200094	M5	251	X	X	X	-	X	X	-	-	-	X	-	O	1802-2802	51.70	-6.70
6200095	M6	14	-	S	S	S	-	S	-	-	-	S	-	O	0702-2402	53.10	-15.90
6200105	K4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	672	X	X	X	X	X	X	X	-	-	X	-	O	0102-2802	47.50	-8.40
6400045	K5	651	-	X	X	X	X	X	-	-	-	X	-	O	0102-2802	59.10	-11.70
6400046	K7	661	X	-	X	-	-	X	-	-	-	-	-	O	0102-2802	60.70	-5.20

Comments:

- EUMETNET moored buoys are presented in bold characters.

Former 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	667	X	X	X	-	-	X	X	-	-	-	-	O	0102-2802	28.18	-15.82
1300131	Tenerife Sur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.00	-16.58
6100196	C. Begur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.92	3.65
6100197	Mahon	671	X	X	X	-	-	X	X	-	-	-	-	O	0102-2802	39.72	4.42
6100198	C. de Gata	38	S	S	S	-	S	S	-	-	-	-	S	O	0102-0202	36.57	-2.33
6100280	Tarragona	429	S	S	S	-	S	S	-	-	-	-	S	O	0102-2202	40.77	1.47
6100281	Valencia	39	S	S	S	-	S	S	-	-	-	-	S	O	0102-0202	39.47	-0.27
6100417	C. de Palos	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.65	-0.32
6100430	Dragonera	419	X	X	X	-	X	X	X	-	-	-	-	O	1102-2802	39.56	2.11
6200024	Bilbao-Visc.	670	X	X	X	-	X	X	X	-	-	-	X	O	0102-2802	43.63	-3.03
6200025	C. de Penas	393	X	X	X	-	X	X	X	-	-	-	X	O	1202-2802	43.73	-6.17
6200082	E. de Bares	669	X	X	X	-	X	X	X	-	-	-	X	O	0102-2802	44.13	-7.69
6200083	Villano-Sis.	668	X	X	X	-	X	X	X	-	-	-	X	O	0102-2802	43.48	-9.22
6200084	C. Silleiro	671	X	X	X	-	X	X	X	-	-	-	X	O	0102-2802	42.12	-9.43
6200085	G. de Cadiz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.48	-6.97
6201030	Santander	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.84	-3.77

Comments:

- The EUMETNET buoy is presented in bold characters.

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		200	X	X	X	-	-	X	-	-	-	-	-	O	0102-2802	37.60	23.60
6101002		-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.00	22.10
6101003		220	X	-	X	-	-	X	-	-	-	-	-	O	0102-2802	40.00	24.70
6101004		-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.10	25.80
6101005		-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.50	25.50
6101006		-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.30	25.50
6101007		224	X	X	X	-	-	X	-	-	-	-	-	O	0102-2802	35.80	24.90
6101008		173	S	S	S	-	-	S	-	-	-	-	-	O	0102-2702	36.80	21.60
6101009		-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.00	20.60

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Other European moored buoys (operated by 3rd parties)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1200050	Cycofos		-	-	-	-	-	-	-	-	-	-	-			33.60	31.90
6100010	Italia-1		-	-	-	-	-	-	-	-	-	-	-			43.80	9.10
6200027	Jersey	224	X	-	X	X	-	X	-	-	-	-	-	O	0102-2802	49.08	-22.20
6200030	L4		-	-	-	-	-	-	-	-	-	-	-			50.25	-4.22
6200050	E1	20	S	S	S	-	-	S	-	-	-	S	-		0802-1802	50.04	-4.37
6200086	NSB II	13	X	X	X	X	X	-	-	-	-	X	-	O	0302-2802	55.00	6.40
6200087	NSB III		-	-	-	-	-	-	-	-	-	-	-			54.70	6.80
6200191	Porto	354	X	X	X	-	-	X	-	-	-	-	-	O	1102-2802	41.15	-9.57
6200192	Peniche	53	S	S	S	-	-	S	-	-	-	-	-		0102-0302	39.50	-9.65
6200303	Turbo Bank	671	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	51.60	-5.10
6200442	PAP	461	X	-	S	-	-	-	-	-	-	-	-	O	0102-2802	49.00	-16.40
6600021	Arkona Becken	628	X	X	-	-	X	X	-	-	-	-	-	O	0102-2802	54.90	13.90
6600022	Oder Bank		-	-	-	-	-	-	-	-	-	-	-			54.10	14.20
6600024	Darsser Schwelle	637	X	X	-	-	X	X	-	-	-	-	-	O	0102-2802	54.70	12.70

Other offshore moored buoys inside the EUMETNET area

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300001		485	X	X	X	-	X	-	-	-	-	X	S	L	0102-2802	11.47	-23.00
1300008		402	X	X	X	-	X	-	-	-	-	X	-	L	0102-2802	14.98	-38.02
1300308	East Atlantic		-	-	-	-	-	-	-	-	-	-	-			15.00	-38.00
4100026		331	X	X	-	-	-	-	-	-	-	X	-	L	0102-2802	11.49	-38.40
4100040	West Atlantic	685	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	14.50	-53.00
4100041	Mid. Atlantic	681	X	X	X	X	X	X	-	-	-	-	-	O	0102-2802	14.50	-46.00
4100043	Porto Rico	687	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	21.00	-65.00
4100044		684	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	21.70	-58.70
4100046		685	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		685	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	32.00	-69.60
4100049		687	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	27.50	-53.00
4100139		491	X	X	X	-	X	-	-	-	-	X	-	L	0102-2802	20.02	-37.86
4100300	Antilles		-	-	-	-	-	-	-	-	-	-	-			15.85	-57.47
4200059	Caraibes		-	-	-	-	-	-	-	-	-	-	-			15.00	-67.50
4400008	A Nantucket	685	X	X	X	X	X	X	-	-	-	X	-	O	0102-2802	40.50	-69.40
4400011	D Georges Bk		-	-	-	-	-	-	-	-	-	-	-			41.10	-66.60
4400018	SE Cape Cod		-	-	-	-	-	-	-	-	-	-	-			41.30	-69.30
4400024	NNE Channel	582	X	X	X	-	X	X	-	-	-	-	-	O	0102-2802	42.30	-65.90
4400137	E Scotia Sl.	659	X	X	X	X	X	X	-	-	-	-	-	O	0102-2802	42.30	-62.00
4400138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
4400139	Beanquereau	658	X	X	X	X	X	X	-	-	-	-	-	O	0102-2802	44.30	-57.10
4400140	Tail of Bk		-	-	-	-	-	-	-	-	-	-	-			43.80	-51.70
4400141	Larentian F	660	X	X	X	X	X	X	-	-	-	-	-	O	0102-2802	43.00	-58.00
4400150	La Have Bk	624	X	X	X	X	X	X	-	-	-	-	-	O	0102-2802	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, February 2015

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20150228	1300868	11686410	672	0	0.2	0.5
20150228	1300869	11688410	672	0	-0.0	0.4
20150228	2500616	61762070	672	0	-0.1	0.5
20150228	2500617	61767070	672	0	-1.1	0.5
20150228	2500620	61760090	672	0	-0.8	1.1
20150204	2500648	60370080	79	0	-0.1	0.6
20150228	4100970	60213790	654	0	0.2	0.6
20150228	4100971	60215900	672	0	-0.0	0.4
20150228	4100972	60217780	666	0	0.1	0.5
20150228	4400546	11160640	672	0	-0.2	0.3
20150228	4400547	60173710	672	0	0.0	1.0
20150228	4400548	11799230	672	0	0.3	0.9
20150228	4400549	60896130	672	0	0.2	0.7
20150228	4400550	60894140	672	0	0.1	1.0
20150228	4400551	60892140	672	0	0.3	0.9
20150228	4400601	60890150	672	0	-0.1	1.0
20150228	4400602	11468700	672	0	-0.2	0.7
20150228	4400603	11793230	672	51	0.2	1.4
20150228	4400605	11473110	672	0	-0.4	0.6
20150228	4400606	11162640	672	0	-0.0	0.8
20150228	4400608	11093800	671	22	0.2	1.0
20150228	4400609	61613050	472	0	0.1	1.1
20150228	4400612	61511880	667	0	-0.2	1.0
20150228	4400613	11475040	672	0	-0.3	0.4
20150228	4400614	61661340	672	0	0.1	0.8
20150202	4400615	61666340	38	0	-1.2	0.5
20150228	4400620	61667370	672	0	0.3	1.1
20150228	4400621	61519840	634	0	0.5	1.0
20150228	4400622	61668320	672	0	0.4	0.8
20150228	4400623	61669330	470	0	-0.4	1.1
20150228	4400624	11341110	656	0	-0.3	0.4
20150228	4400625	61668340	583	0	0.2	0.9
20150218	4400725	11027170	374	39	0.3	2.5
20150228	4400739	61516840	672	0	0.3	0.9
20150228	4400740	11883820	594	0	-0.2	0.6
20150228	4400747	61610060	662	0	-0.6	0.9
20150228	4400760	61662360	470	0	-0.5	1.0
20150228	4400761	61669320	470	0	-0.4	1.1
20150228	4400762	61664310	470	0	0.1	1.2
20150228	4400765	11685410	672	4	0.4	0.9
20150228	4400773	60211790	650	0	0.1	0.6
20150228	4400774	61477400	671	0	0.4	1.2
20150228	4400775	61476400	672	0	0.4	0.8
20150228	4400776	61474410	671	0	0.6	1.0
20150226	4400777	61475420	622	0	0.2	0.5
20150228	4400778	61475430	672	0	0.3	0.5
20150228	4400779	11885820	672	0	0.3	0.5
20150228	4400835	60218770	672	0	-0.2	0.4
20150228	4400836	60218680	672	0	-0.1	0.9
20150228	4400837	60209590	672	0	0.0	0.5
20150228	4400839	60205090	672	0	-0.0	0.4
20150228	4400846	60441290	672	0	0.5	0.4
20150228	4400847	60442280	670	0	0.3	0.5
20150228	4400848	60448280	672	0	0.1	0.6
20150228	4400863	60211690	652	0	-0.2	0.4
20150228	4400866	11793240	672	0	-0.4	0.9
20150228	4400867	11593590	672	1	-0.3	1.1
20150228	4400868	11794230	671	12	-0.1	1.1
20150228	4400871	11790240	663	0	0.1	0.4
20150228	4400872	60202920	672	0	-0.5	0.9
20150228	4400876	60648350	672	0	0.6	0.7

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20150228	4400877	60526170	672	0	-0.1	0.4
20150228	4400878	60528170	672	0	0.1	0.4
20150228	4400880	60556880	672	0	-0.5	1.0
20150228	4400885	60218780	672	0	-0.0	0.4
20150228	4400887	60251440	672	0	-0.1	0.7
20150228	4400888	60359010	672	0	-0.1	0.4
20150228	4400889	60202320	663	0	-0.1	0.5
20150228	4400890	12000230	651	0	-0.1	0.7
20150228	4400891	12007220	672	0	-0.0	0.3
20150228	4400892	60018400	672	0	-0.4	0.8
20150228	6200513	61665360	465	0	-0.0	1.0
20150228	6200514	60203700	671	0	-0.1	0.7
20150228	6200516	11475100	652	0	0.2	0.5
20150228	6200536	11599570	527	42	-0.4	1.2
20150228	6200537	11791240	672	0	-0.1	0.6
20150228	6200539	60891140	672	0	0.1	1.1
20150228	6200551	60897120	671	0	-0.2	0.8
20150228	6200552	11797240	669	0	0.2	0.6
20150228	6200553	11165650	672	16	-0.1	1.9
20150228	6200681	11168640	672	0	-0.1	0.6
20150228	6200687	11349100	669	7	-0.3	1.7
20150228	6200695	60408990	670	0	0.2	0.4
20150228	6200713	11246980	657	0	-0.2	0.6
20150228	6200714	11240980	655	0	-0.2	0.6
20150228	6200940	60203850	648	0	0.1	0.4
20150228	6200941	60207590	672	0	-0.0	0.4
20150228	6300640	60172710	193	0	-1.3	2.4
20150209	6300644	61766070	96	8	-1.8	4.1
20150228	6400517	61619060	654	0	0.6	0.8
20150228	6400518	60892150	649	0	0.0	0.8
20150228	6400519	61518850	672	0	0.3	0.8
20150203	6400520	11479040	62	15	-3.7	3.0
20150228	6400521	11470030	672	0	-0.6	1.7
20150228	6400522	61511870	672	0	-0.0	0.8
20150228	6400523	61510870	672	1	0.1	1.0
20150228	6400524	61619040	672	0	-0.1	0.7
20150228	6400525	60175710	672	32	-0.6	1.9
20150228	6400526	61611070	612	0	0.0	1.2
20150228	6400527	61514840	588	0	0.4	0.9
20150228	6400606	61515870	561	0	0.6	1.1
20150224	6400607	11479100	492	4	-0.2	2.1
20150228	6400613	60174710	672	1	0.1	1.7
20150228	6400614	60178700	673	0	-0.1	0.8
20150228	6400615	60173700	672	5	0.4	1.6
20150228	6400622	60172810	672	40	-0.0	1.6
20150228	6400623	11470040	672	18	-0.6	2.2
20150228	6400665	60171710	672	0	-0.0	1.5
20150228	6400666	60179710	672	13	-0.4	2.3
20150228	6400667	61615060	538	31	-0.0	2.3
20150218	6400668	60177860	25	0	4.3	2.5
20150228	6400669	60177710	672	0	-0.1	0.9
20150202	6400691	61514870	37	37	11.2	0.4
20150228	6400692	60172720	672	0	0.1	1.1
20150218	6500595	11595570	153	0	1.3	3.1
20150228	6500596	61511850	672	0	0.2	1.1
20150228	6500597	11595650	672	0	-0.2	0.8
20150228	6500598	11792240	672	0	-0.1	0.6

Air Pressure (hPa), moored buoys, February 2015

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20150228	1300130		667	0	0.6	0.6
20150228	6100001		639	0	-1.1	0.5
20150228	6100002		670	0	0.5	0.7
20150228	6100197		671	0	-0.4	0.7
20150202	6100198		38	3	8.2	0.8
20150222	6100280		429	0	0.0	0.8
20150202	6100281		39	12	6.9	1.5
20150228	6100430		419	0	0.2	0.7
20150228	6101001		200	0	0.6	0.7
20150228	6101003		220	0	0.8	0.7
20150228	6101007		224	0	-0.1	0.7
20150227	6101008		173	0	-0.0	0.8

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20150228	6200001	672	0	0.2	0.6
20150228	6200024	670	0	0.1	0.7
20150228	6200025	393	0	0.2	0.6
20150228	6200027	223	1	-0.0	0.5
20150228	6200029	620	0	0.2	0.6
20150218	6200050	20	1	-0.1	1.8
20150228	6200081	669	0	0.2	0.6
20150228	6200082	669	0	0.2	0.7
20150228	6200083	668	0	0.2	0.7
20150228	6200084	671	0	0.4	0.6
20150228	6200086	12	0	-0.9	0.8
20150228	6200091	666	0	-0.2	0.6
20150228	6200092	672	0	0.1	0.8
20150228	6200093	671	0	0.0	0.9
20150228	6200094	251	0	-0.2	0.6
20150228	6200163	672	0	0.1	0.5
20150228	6200191	354	0	0.2	0.5
20150203	6200192	53	0	0.3	0.4
20150228	6200303	671	0	0.1	0.5
20150202	6200442	38	0	-2.7	0.6
20150228	6400045	646	0	0.1	0.7
20150228	6400046	661	0	0.2	0.8

Air Temperature (C), moored buoys, February 2015

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20150228	1300130		667	0	-0.0	0.5
20150228	6100001		639	0	-0.2	0.7
20150228	6100002		672	0	-0.4	0.9
20150228	6100197		671	0	3.3	1.0
20150202	6100198		38	0	-0.0	0.4
20150222	6100280		424	0	0.5	0.6
20150202	6100281		39	0	0.8	0.7
20150228	6100430		419	0	0.8	0.5
20150228	6101001		200	0	-0.3	0.9
20150228	6101007		223	0	0.8	1.1
20150227	6101008		173	0	-0.5	0.8
20150228	6200001		672	0	-0.4	0.6
20150228	6200024		670	0	-0.1	0.8
20150228	6200025		393	0	-0.3	0.7
20150228	6200029		620	0	-0.1	0.6
20150218	6200050		20	0	0.1	0.7
20150228	6200081		669	0	-0.3	0.7
20150228	6200082		669	0	-0.4	0.6
20150228	6200083		668	0	-0.4	0.6
20150228	6200084		671	0	0.0	0.6
20150228	6200086		11	0	-0.4	0.5
20150228	6200091		666	0	0.1	0.6
20150228	6200092		672	0	-0.3	0.7
20150228	6200093		671	0	-0.3	0.7
20150228	6200094		251	0	-0.3	0.5
20150224	6200095		11	0	-0.7	0.9
20150228	6200163		672	0	-0.2	0.6
20150228	6200191		354	0	-0.4	0.4
20150203	6200192		53	0	-0.6	0.4
20150228	6200303		671	0	-0.1	0.5
20150228	6400045		651	0	-0.6	0.9
20150228	6600021		627	0	0.4	0.5
20150228	6600024		634	0	0.5	0.6

Wind direction (deg.), moored buoys, February 2015

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20150228	1300130		666	11	10	19
20150228	6100001		633	53	-3	30
20150228	6100002		671	64	-5	22
20150228	6100197		665	11	-16	20
20150202	6100198		38	10	-2	40
20150222	6100280		417	4	0	23
20150202	6100281		39	0	-0	12
20150228	6100430		418	14	-9	31
20150228	6101001		200	10	4	29
20150228	6101003		220	42	-20	39

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20150228	6101007	222	3	-7	20
20150227	6101008	173	10	-4	31
20150228	6200001	670	7	-3	17
20150228	6200024	663	16	-2	23
20150228	6200025	390	1	1	22
20150228	6200027	184	7	-1	30
20150228	6200029	620	0	3	13
20150218	6200050	20	2	10	31
20150228	6200081	668	4	-4	14
20150228	6200082	668	4	5	13
20150228	6200083	668	4	-2	16
20150228	6200084	666	2	-1	18
20150228	6200091	666	2	1	16
20150228	6200092	671	8	5	17
20150228	6200093	669	7	8	18
20150228	6200094	251	0	-2	11
20150228	6200163	672	9	0	17
20150228	6200191	352	6	-3	17
20150203	6200192	53	0	7	9
20150228	6200303	671	0	-1	16
20150228	6200442	461	0	1	13
20150228	6400046	661	9	6	13
20150228	6600021	626	1	-3	12
20150228	6600024	553	20	3	12

Wind speed rate, moored buoys, February 2015

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20150228	1300130		666	0	1.1	2.2
20150228	6100001		633	2	1.3	2.2
20150228	6100002		671	13	1.1	2.0
20150228	6100197		665	1	1.0	2.0
20150202	6100198		38	0	3.7	4.7
20150222	6100280		417	0	1.1	1.6
20150202	6100281		39	0	0.9	1.3
20150228	6100430		418	0	1.0	1.8
20150228	6101001		200	1	1.0	2.4
20150228	6101003		220	0	0.6	4.7
20150228	6101007		222	0	1.0	1.9
20150227	6101008		173	0	1.1	2.4
20150228	6200001		670	0	1.0	1.5
20150228	6200024		663	1	1.0	1.9
20150228	6200025		390	0	0.7	2.5
20150228	6200027		184	5	1.1	1.8
20150228	6200029		620	0	1.0	1.5
20150218	6200050		20	0	1.1	2.2
20150228	6200081		668	0	1.0	1.4
20150228	6200082		668	0	0.8	1.4
20150228	6200083		668	0	0.9	1.3
20150228	6200084		666	0	0.9	1.3
20150228	6200091		666	0	1.0	1.4
20150228	6200092		671	1	1.0	1.6
20150228	6200093		669	0	0.9	1.5
20150228	6200094		251	0	0.9	1.4
20150228	6200163		672	0	1.0	1.4
20150228	6200191		352	6	0.0	0.0
20150203	6200192		53	0	0.9	1.3
20150228	6200303		671	0	1.0	1.5
20150228	6200442		461	0	1.0	1.4
20150228	6400046		661	1	1.1	2.4
20150228	6600021		626	0	1.1	1.2
20150228	6600024		553	0	1.0	1.8

Comments on QC statistics :

Air pressure

1. Metocean buoys WMO **4400603, 6400520, 6400607, 6400691** and **6500595** reported wrong pressure data before the transmission was stopped for this parameter.
2. Metocean buoys WMO **4400725, 6300644** and **6400668** also reported wrong pressure data before the transmission was stopped for this parameter but the GTS transmission was released back at the beginning of march.
3. GTS transmission was stopped for Metocean buoys WMO **4400608, 4400868, 6200536** and **6300640** during a short period because they reported dubious pressure values.
4. Metocean buoys WMO **6200553, 6400525, 6400622, 6400623, 6400666** and **6400667** temporarily reported wrong pressure data in January for unknown reasons but not enough to have their GTS transmission stopped.
5. Metocean buoy WMO **4400615** reported a few wrong pressure after the buoy was ashore in Iceland.
6. PAP Ocean Sites buoy WMO **6200442** reported wrong pressure data before the transmission was stopped for this parameter on the 02th of february.

Air temperature

7. Spanish moored buoy **6100197** presents an increasing bias for air temperature (+3,3°C in February)

Wind

8. Spanish moored buoy C. de Gata (**6200198**) reported abnormal weak winds before this parameter was stopped from the GTS transmission on the 2th of February.

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