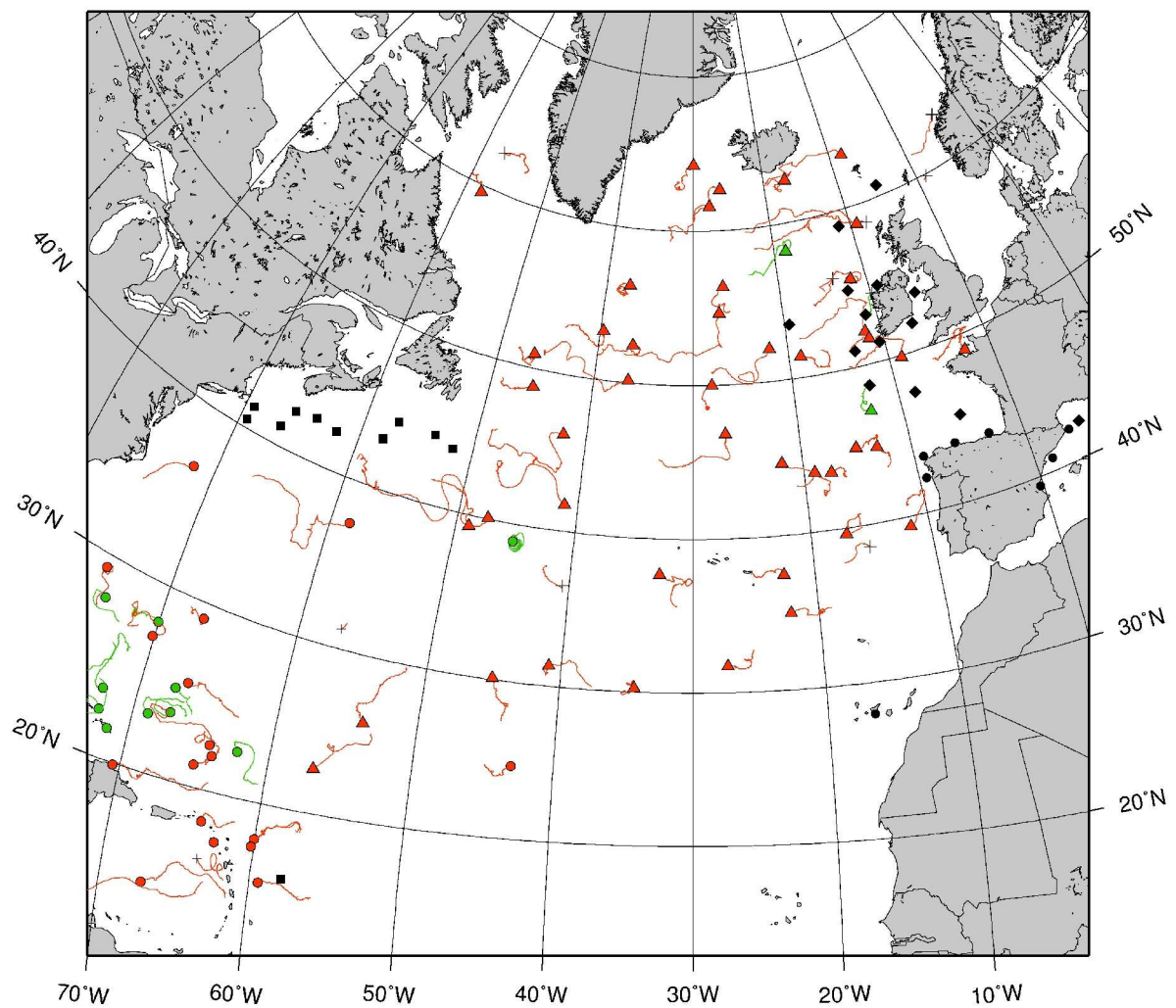


DATA BUOYS MONTHLY REPORT

January 2005



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

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----- DRIFTING BUOYS -----

Drifting buoys - New deployments

WMO	Argos	Typ	Ow	DepDate	DepLat	DepLon	From	Comment
44726	52253	MSB	UK	20050112	49.0	-49.1	Reykjavik	
64611	52179	MSB	FR	20050108	60.8	-29.8	Reykjavik	
64612	54744	MSB	NL	20050109	59.0	-33.0	Reykjavik	

----- Operating drifting buoys by the end of the month

WMO	Argos	Typ	Ow	Nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
13534	52187	TSB	FR	740	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	37.68	-32.75	82
41601	21156	MSB	UK	640	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	46.80	-26.96	295
44547	42793	TSB	FR	772	-	-	X	X	X	-	-	-	-	-	-	T	0101-3101	58.81	-9.24	330
44549	42794	TSB	FR	751	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	52.45	-36.36	217
44550	52193	TSB	FR	745	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	50.14	-36.55	79
44601	52194	TSB	FR	747	-	-	X	X	X	-	-	-	-	-	-	T	0101-3101	46.17	-42.18	78
44607	52190	TSB	FR	743	-	-	X	X	X	-	-	-	-	-	-	T	0101-3101	39.34	-48.92	55
44608	52191	TSB	FR	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	40.05	-47.47	56
44612	21124	MSB	UK	722	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	56.36	-26.50	448
44617	21325	TSB	UK	663	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	52.10	-21.92	411
44623	22513	MSB	UK	759	-	-	X	X	X	-	-	-	-	-	-	T	0101-3101	25.95	-53.95	606
44624	21326	TSB	UK	661	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	49.99	-28.11	402
44627	21191	TSB	UK	624	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	44.65	-21.92	301
44628	21329	MSB	UK	756	-	-	X	X	X	-	-	-	-	-	-	T	0101-3101	31.72	-27.34	606
44630	22004	MSB	UK	756	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	30.12	-45.06	606
44721	52246	MSB	UK	742	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	53.18	-39.70	161
44722	52258	MSB	UK	730	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	41.72	-41.21	105
44723	52259	MSB	UK	737	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	56.30	-37.35	107
44725	21183	MSB	UK	674	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	50.89	-46.41	47
44726	52253	MSB	UK	444	-	-	X	X	X	-	-	X	-	-	-	T	1301-3101	48.84	-45.86	20
44742	21443	TSB	EU	640	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	39.63	-17.03	503
44743	21046	MSB	EU	562	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	44.75	-13.10	504
44745	34408	TSB	EU	741	-	-	X	X	X	-	-	-	-	-	-	T	0101-3101	49.89	-8.75	504
44766	21838	TSB	EU	746	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	48.97	-2.61	476
44773	28425	CFB	DE	336	-	X	X	X	X	-	-	-	-	-	-	T	0101-3101	63.30	-8.28	402
44775	09308	CFB	DE	358	-	X	X	X	X	-	-	-	-	-	-	T	0101-3101	54.63	-27.10	113
44777	06666	CFB	IE	322	-	X	X	X	X	-	-	-	-	-	-	T	0101-3101	22.66	-56.84	657
44778	06667	CFB	IE	324	-	X	X	X	X	-	-	-	-	-	-	T	0101-3101	31.31	-40.98	657
44779	03678	CFB	NO	326	-	X	X	X	X	-	-	-	-	-	-	T	0101-3101	52.07	-11.68	114
62510	52189	TSB	FR	740	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	37.45	-22.59	83
62511	52195	MSB	FR	663	X	-	X	X	X	-	-	X	-	-	-	T	0101-3101	47.08	-12.90	68
62512	42651	MSB	FR	722	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	44.96	-14.99	68
62556	42790	TSB	FR	752	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	34.98	-22.22	294
62557	42791	TSB	FR	738	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	39.38	-11.61	294
62560	37396	MSB	FR	787	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	43.67	-17.55	218
62562	37400	MSB	FR	1214	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	51.35	-18.82	224
62563	42648	MSB	FR	717	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	55.54	-11.80	238
62564	42649	MSB	FR	738	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	43.82	-19.03	220
62566	42658	MSW	FR	735	X	-	X	X	X	-	-	X	-	-	-	T	0101-3101	58.18	-18.57	237
62694	21200	TSB	UK	634	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	51.58	-11.43	303
62801	19074	MSB	EU	767	-	-	X	X	X	-	-	-	-	-	-	T	0101-3101	30.24	-34.42	698
64608	21086	MSB	UK	763	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	59.56	-57.88	289
64609	52257	MSB	UK	744	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	64.26	-29.92	108
64610	52256	MSB	UK	674	-	-	X	X	X	-	-	X	-	-	-	T	0101-3101	62.71	-16.97	96
64611	52179	MSB	FR	502	-	-	X	X	X	-	-	X	-	-	-	T	1001-3101	62.66	-26.21	24
64612	54744	MSB	NL	501	-	-	X	X	X	-	-	X	-	-	-	T	1001-3101	61.56	-27.80	23

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

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
41600	22521	MSB	UK	20050116	36.51	-40.55	431	Faded
44625	21344	TSB	UK	20050106	58.72	-8.04	331	AP measurements failed
62558	37390	TSB	FR	20050120	38.59	-15.23	271	Unknown
62565	42657	MSW	FR	20050118	54.31	-9.89	225	Ashore
64524	42792	TSB	FR	20050117	62.43	-57.11	205	AP measurements failed
65599	28426	CFB	DE	20050102	59.88	1.25	364	Ashore
65600	03677	CFB	NO	20050113	63.00	5.92	242	Ashore

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Non-operating drifting buoys reporting GTS data

WMO	Argos	Typ	Ow	Nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
44616	21092	MSB	UK	724	-	-	-	-	X	-	-	X	-	-	-	T	0101-3101	56.59	-27.88	423
44625	21344	TSB	UK	595	-	-	-	-	X	-	-	X	-	-	-	T	0101-3101	58.72	-8.04	359
44741	22647	MSB	UK	760	-	-	-	-	X	-	-	-	-	-	-	T	0101-3101	38.46	-37.02	608
44744	34411	TSB	FR	904	-	-	-	-	X	-	-	-	-	-	-	T	0101-3101	41.89	-15.99	534
62559	37391	TSB	FR	720	-	-	-	-	X	-	-	X	-	-	-	T	0101-3101	36.14	-19.62	284
64524	42792	TSB	FR	754	-	-	-	-	X	-	-	X	-	-	-	T	0101-3101	62.43	-57.11	222

Non-operating drifting buoys which ceased to report data onto the GTS

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44548	42795	TSB	FR	20050124	50.89	-4.56	321	Ashore
44768	21444	TSB	UK	20050115	59.52	-15.44	442	Faded

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

WMO	Argos	Owner	Nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
25522			29	-	X	X	-	-	-	-	-	-	-	-	T	3001-3101	52.99	8.15
41521	40434	NAVO	1119	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	18.27	-63.77
41539	02803	UW	600	X	-	X	X	X	-	-	X	-	-	-	L	0101-3101	23.60	-67.45
41540	47577	NAVO	566	X	-	X	X	X	-	-	X	-	-	-	L	0101-3101	38.90	-45.09
41544	47581	NAVO	564	X	-	X	X	X	-	-	X	-	-	-	L	0101-3101	22.59	-62.25
41545	47582	NAVO	598	X	-	X	X	X	-	-	X	-	-	-	L	0101-3101	23.12	-68.95
41548	47611	NAVO	1394	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	17.94	-60.04
41549	47612	NAVO	1155	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	17.49	-60.19
41551	47614	NAVO	1117	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	14.32	-67.15
41595	40047	GDC	653	X	-	X	X	X	-	-	X	-	-	-	L	0101-3101	24.69	-43.01
41631	34746	NAVO	564	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	29.14	-66.95
41663	47640	NAVO	1048	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	17.29	-62.71
41665	47642	NAVO	1318	-	-	X	X	X	-	-	X	-	-	-	L	0101-3101	15.51	-59.39
41920	37019	SIO-	252	X	-	X	-	-	-	-	-	-	-	-	L	0101-3101	21.24	-65.08
41932	49578	GDC	280	-	-	X	-	X	-	-	X	-	-	-	L	0101-3101	21.95	-63.95
41934	49580	GDC	292	-	-	X	-	X	-	-	X	-	-	-	L	0101-3101	25.45	-66.77
41935	49581	GDC	261	-	-	X	-	X	-	-	X	-	-	-	L	0101-3101	22.51	-64.26
41939	49585	GDC	293	-	-	X	-	X	-	-	X	-	-	-	L	0101-3101	37.45	-58.46
61556	47608	NAVO	18	-	-	X	X	X	-	-	X	-	-	-	L	0401-3101	41.23	29.11
61557			23	-	-	X	X	X	-	-	X	-	-	-	L	3101-3101	44.32	30.75
61767			22	-	-	X	X	X	-	-	X	-	-	-	L	3101-3101	43.35	31.37

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MOORED BUOYS

Operating EGOS moored buoys (K-pattern)

WMO	Name	Nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
61001	Cote d'Azur	592	-	-	-	-	-	-	-	-	-	-	-	-	0101-2801	43.40	7.80
61002	Lion	726	X	X	X	X	X	X	X	-	-	-	-	O	0101-3101	42.10	4.70
62001	Gascogne	747	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	45.30	-5.00
62029	K1	757	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	48.70	-12.50
62081	K2	760	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	51.00	-13.40
62090	M1	656	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	53.10	-11.20
62091	M2	646	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	53.50	-5.40
62092	M3	746	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	51.20	-10.50
62093	M4	687	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	54.70	-9.10
62094	M5	706	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	51.70	-6.70
62105	K4	635	X	X	X	X	X	X	-	-	-	-	-	O	0101-3101	54.90	-12.40
62108	K3	733	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	53.50	-19.50
62163	Brittany	757	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	47.50	-8.40
64045	K5	722	X	X	X	X	X	X	-	-	-	X	-	O	0101-3101	59.00	-11.40
64046	K7	664	X	X	X	X	X	X	-	-	-	-	-	O	0101-3101	60.70	-5.20

Comments :
 - Rahr moored buoy was removed from the list of operating EGOS moored buoys.
 - Cote d'Azur moored buoy didn't report any data onto the GTS from 28 January to 1st February.

Operating EGOS moored buoys (Seawatch and Wavescan)

WMO	Name	Nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
13130	Gran Canaria		X	X	X	-	-	X	X	-	-	X	-	O		28.18	-15.82
13131	Tenerife Sur		X	X	X	-	X	X	X	-	-	X	X	O		28.00	-16.58
61196	C. Begur		-	-	-	-	-	-	-	-	-	-	-	-		41.92	3.65
61197	Mahon		X	X	X	-	-	X	X	-	-	X	-	O		39.72	4.42
61198	C. de Gata		-	-	-	-	-	-	-	-	-	-	-	-		36.57	-2.33
61199	M. Alboran		X	X	X	-	X	X	X	-	-	X	-	O		36.23	-5.03
61280	Tarragona		X	X	X	-	X	X	X	-	-	X	X	O		40.77	1.47
61281	Valencia		X	X	X	-	X	X	X	-	-	X	-	O		39.47	-0.27
62024	Bilbao-Vizc.		-	X	X	-	-	X	X	-	-	X	-	O		43.63	-3.03
62025	C. de Penas		X	X	X	-	X	X	X	-	-	X	X	O		43.73	-6.17
62082	E. de Bares		-	-	-	-	-	-	-	-	-	-	-	-		44.07	-7.62
62083	Villano-Sis.		-	-	-	-	-	-	-	-	-	-	-	-		43.48	-9.22
62084	C. Silleiro		X	X	X	-	X	X	X	-	-	X	X	O		42.12	-9.40
62085	G. de Cadiz		X	X	X	-	X	X	X	-	-	X	X	O		36.48	-6.97

Comments :
 - GTS BUFR data monitoring tools are not yet available. This explains why the number of reports and the observation period are missing.

Other moored buoys into the EUCOS area of interest

WMO	Name	Nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
41100		682	X	X	X	X	X	-	-	-	-	-	-	X	0101-3101	15.90	-57.90
41101	E. Martinique		-	-	-	-	-	-	-	-	-	-	-	-		14.60	-56.20
44008		737	X	X	X	X	X	-	-	-	-	-	-	X	0101-3101	40.50	-69.40
44011		370	-	-	-	-	-	-	-	-	-	-	-	-	0101-1601	41.10	-66.60
44018		735	-	X	X	X	X	-	-	-	-	-	-	X	0101-3101	41.30	-69.30
44024		656	-	X	-	-	X	-	-	-	-	-	-	X	0101-3101	42.30	-65.90
44137		737	X	X	X	X	X	-	-	-	-	-	-	X	0101-3101	42.30	-62.00
44138		206	-	-	-	-	-	-	-	-	-	-	-	-	0101-1701	44.30	-53.60
44139		41	-	-	-	-	-	-	-	-	-	-	-	-	0101-0201	44.30	-57.10
44140		548	-	X	X	X	X	-	-	-	-	-	-	X	0101-3101	43.80	-51.80
44141		724	X	X	X	X	X	-	-	-	-	-	-	X	0101-3101	43.00	-58.00
44142		733	X	X	X	X	X	-	-	-	-	-	-	X	0101-3101	42.50	-64.00

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Meaning of columns

WMO : WMO id.
Argos : Argos id.
Typ : Buoy type
 - first character : Manufacturer (C = ConMar , M = Metocean, T = Technocean,
 Y = Marlin-Yug...)
 - second character : Main type (F = FGGE, S = SVP)
 - third character : Sub type (B = barometer buoy, W = Wind buoy,
 S = Salinity buoy)
Ow : Buoy owner (country code or EU for EUCOS)
Owner : Buoy owner for non EUCOS buoys
Nobs : number of GTS reports received at Meteo-France
Parameters (X = OK, S = stopped, - = not measured) :
 Wi : Wind
 AT : Air Temperature
 AP : Air Pressure
 dP : Air pressure tendancy
 ST : Sea surface Temperature
 Wa : Wave period and height
 Ws : Wave spectra
 Dr : Drogue presence
 Sb : Subsurface temperature
 U : Relative humidity
 SS : Sea surface Salinity
O : Origin of the reports (T = Argos Toulouse, L = Argos Largo, O = Other)
Start_end : first and last dates of the month for which GTS data were received at Meteo-France
Lat : Latitude of the latest position
Lon : Longitude of the latest position
Age : Age of the buoy (days)

DepDate : Date of deployment
DepLat : Latitude of deployment
Dep Lon : Longitude of Deployment
From : Harbour of departure

**Definition : An operating drifting buoy is a buoy providing at least air pressure or wind
(direction and velocity) data.**

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Buoy-QC statistics from Meteo-France model outputs

Date of end : Date of the last value received on GTS
Nb received : Total number of values received on GTS
Number GE : Number of Gross Errors (excluded from bias and sd computations)
Mean bias : Mean differences between observation values and co-located model output values
Std deviation : Standard deviation of differences
Mean rate : For wind speed values, average of 'obs/model' rates. Should be close to 1.
Error : For wind speed values, run mean square of differences 'obs/rate - model'.

Air Pressure (hPa), EUCOS drifting buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050131	13534	52187	737	0	-0.3	0.7
20050111	41600	22521	188	0	-0.5	1.4
20050131	41601	21156	634	4	-0.5	1.3
20050131	44547	42793	626	3	-0.2	1.8
20050131	44549	42794	631	9	0.5	1.8
20050131	44550	52193	639	0	0.0	1.7
20050131	44601	52194	686	0	-1.0	1.6
20050131	44607	52190	743	0	-0.1	1.7
20050131	44608	52191	743	2	0.1	1.4
20050131	44612	21124	636	1	-0.2	1.5
20050131	44617	21325	582	0	0.4	1.7
20050131	44623	22513	727	0	0.0	0.9
20050131	44624	21326	562	1	0.2	1.6
20050110	44625	21344	156	2	-2.2	3.2
20050131	44627	21191	543	0	0.4	1.0
20050131	44628	21329	688	0	-0.3	0.8
20050131	44630	22004	722	0	0.2	0.7
20050131	44721	52246	741	0	0.1	1.6
20050131	44722	52258	725	0	-0.1	1.5
20050131	44723	52259	733	0	-0.3	1.5
20050131	44725	21183	672	0	0.3	1.6
20050131	44742	21443	556	1	-0.1	0.7
20050131	44743	21046	489	0	0.1	0.8
20050131	44745	34408	735	0	-0.2	1.2
20050131	44766	21838	633	0	-0.3	1.0
20050131	44773	28425	278	0	-0.6	1.9
20050131	44775	09308	300	2	-0.4	1.5
20050131	44777	06666	285	0	0.1	0.8
20050131	44778	06667	286	0	0.0	0.7
20050131	44779	03678	276	1	-0.5	1.8
20050131	62510	52189	738	1	0.0	0.7
20050131	62511	52195	653	2	0.7	1.1
20050131	62512	42651	714	1	0.4	0.9
20050131	62556	42790	727	4	-0.2	0.7
20050131	62557	42791	720	0	-0.2	0.6
20050120	62558	37390	441	0	-0.1	0.6
20050131	62560	37396	640	1	0.3	0.8
20050131	62562	37400	1027	5	0.5	1.4
20050131	62563	42648	717	5	0.1	1.8
20050131	62564	42649	736	0	0.3	0.8
20050118	62565	42657	368	1	0.3	1.9
20050131	62566	42658	727	4	0.1	1.6
20050131	62694	21200	508	1	0.9	1.7
20050131	62801	19074	701	1	0.1	0.8
20050119	64524	42792	383	30	-0.2	2.8
20050131	64608	21086	699	0	0.8	1.6
20050131	64609	52257	736	1	-0.1	1.6
20050131	64610	52256	662	1	0.2	1.6
20050113	65600	03677	41	7	-0.5	2.6

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Air Pressure (hPa), EGOS moored buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050128	61001		592	0	-0.4	0.9
20050131	61002		726	2	0.8	0.7
20050131	62001		735	2	0.0	0.8
20050131	62029		722	5	0.0	1.1
20050131	62081		729	3	-0.4	1.4
20050131	62090		626	6	0.1	1.4
20050131	62091		591	7	-0.2	1.4
20050131	62092		729	2	0.1	1.3
20050131	62093		661	4	0.1	1.7
20050131	62094		693	7	0.3	1.2
20050131	62105		586	5	-0.3	1.7
20050131	62108		699	6	-0.3	1.5
20050131	62163		726	0	0.3	0.8
20050131	64045		664	2	0.0	1.7
20050131	64046		552	7	-0.3	1.9

Air Temperature (C), EUCOS drifting buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050131	44773	28425	285	0	1.7	1.7
20050131	44775	09308	306	0	-0.4	0.9
20050131	44777	06666	278	0	0.4	0.8
20050131	44778	06667	280	0	0.1	1.1
20050131	44779	03678	270	0	-0.3	0.9
20050113	65600	03677	40	4	0.9	3.6

Air Temperature (C), EGOS moored buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050128	61001		591	0	1.2	0.9
20050131	61002		719	1	-1.6	2.2
20050131	62001		730	1	-0.1	0.6
20050131	62029		739	0	0.0	0.6
20050131	62081		733	3	-0.3	0.7
20050131	62090		605	0	-0.2	0.8
20050131	62091		594	3	1.1	0.8
20050131	62092		706	0	-0.4	0.9
20050131	62093		646	1	0.4	0.9
20050131	62094		699	0	0.7	0.8
20050131	62105		595	0	-0.5	0.9
20050131	62108		675	1	-0.4	1.1
20050131	62163		736	0	-0.1	0.5
20050131	64045		668	2	-0.4	1.0
20050131	64046		492	2	-0.5	1.2

Wind direction (deg.), EUCOS drifting buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050131	62511	52195	592	7	7.	17.
20050117	62565	42657	325	5	-5.	22.
20050131	62566	42658	657	3	3.	18.

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Wind direction (deg.), EGOS moored buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050128	61001		580	97	6.	34.
20050131	61002		726	58	-2.	24.
20050131	62001		720	20	0.	17.
20050131	62029		714	3	1.	12.
20050131	62081		726	0	1.	13.
20050131	62090		618	10	0.	16.
20050131	62091		569	0	-5.	16.
20050131	62092		717	1	-2.	13.
20050131	62093		620	15	1.	20.
20050131	62094		679	10	-2.	14.
20050131	62105		575	12	2.	15.
20050131	62108		658	9	0.	19.
20050131	62163		729	0	0.	14.
20050131	64046		529	1	0.	17.

Wind speed rate, EUCOS drifting buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20041231	62511	52195	608	0	1.2	1.9
20050131	62511	52195	592	2	1.2	1.7
20050117	62565	42657	325	0	1.5	2.6
20050131	62566	42658	657	0	1.1	2.3

Wind speed rate, EGOS moored buoys, January 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050128	61001		580	0	2.4	2.6
20050131	61002		726	2	1.3	3.1
20050131	62001		732	1	1.1	1.6
20050131	62029		726	0	0.9	1.6
20050131	62081		741	3	1.0	1.7
20050131	62090		633	2	1.0	2.2
20050131	62091		597	1	1.2	1.9
20050131	62092		728	4	1.0	1.8
20050131	62093		643	4	1.1	2.2
20050131	62094		694	0	1.2	1.9
20050131	62105		601	3	1.0	3.0
20050131	62108		681	6	0.9	2.1
20050131	62163		740	3	1.0	1.3
20050131	64045		672	2	1.0	2.5
20050131	64046		564	1	0.9	2.2

Comments on QC statistics :

Air pressure

1. According to monthly statistics over the past few weeks, a correction of +1.0 hPa is needed for Technocean drifter 52194 (WMO **44601**) deployed three month ago. The correction has been applied 4th February 2005
2. Air pressure measurements failed on Technocean drifter 21344 (WMO **44625**) and 42792 (WMO **64524**).
3. CMR buoy 03677 (WMO **65600**) ran ashore. A few unreliable Air Pressure data were sent onto the GTS before being stopped.

Air temperature

4. CMR buoy 28425 (WMO 44773) reported values higher than the French model outputs over a certain period in January. By the end of the month, the values were back in accordance.
5. A few wrong Air Temperature values were also sent onto the GTS for CMR buoy 03677 (WMO **65600**) when it was ashore.
6. A systematic difference of about 1.2°C with the French model outputs is observed for Air Temperature values reported by moored buoys Côte d'Azur (WMO **61001**) and M2 (WMO **62091**). These two buoys are closer to the shore than others. The model used having a large grid interval, it is perhaps not abnormal.
7. The Air Temperature sensor used to report GTS data from the Lion moored buoy was swapped on 18 January. The old one no more worked correctly. This explain the bias and the standard deviation seen on the statistics.

Wind

8. As usually, the Côte d'Azur moored buoy (WMO **61001**) is providing wind values for which the differences with model outputs show significant standard deviation and/or error. This is due to local effects which aren't correctly reproduced by the French global NWP model used for comparisons.

Monthly QC statistics and other data quality control tools are available on line at :
<http://www.meteo.shom.fr/qctools/>

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