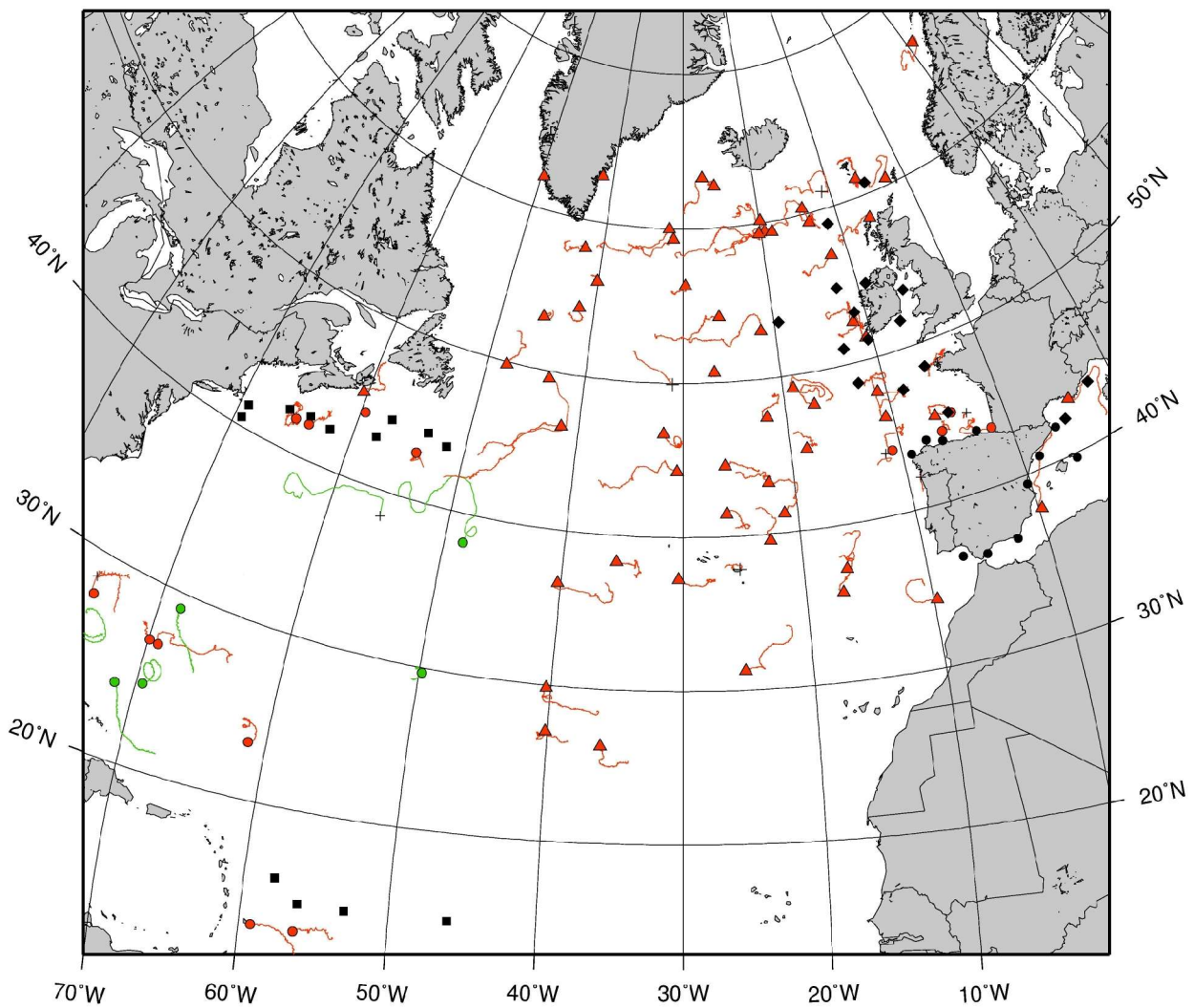


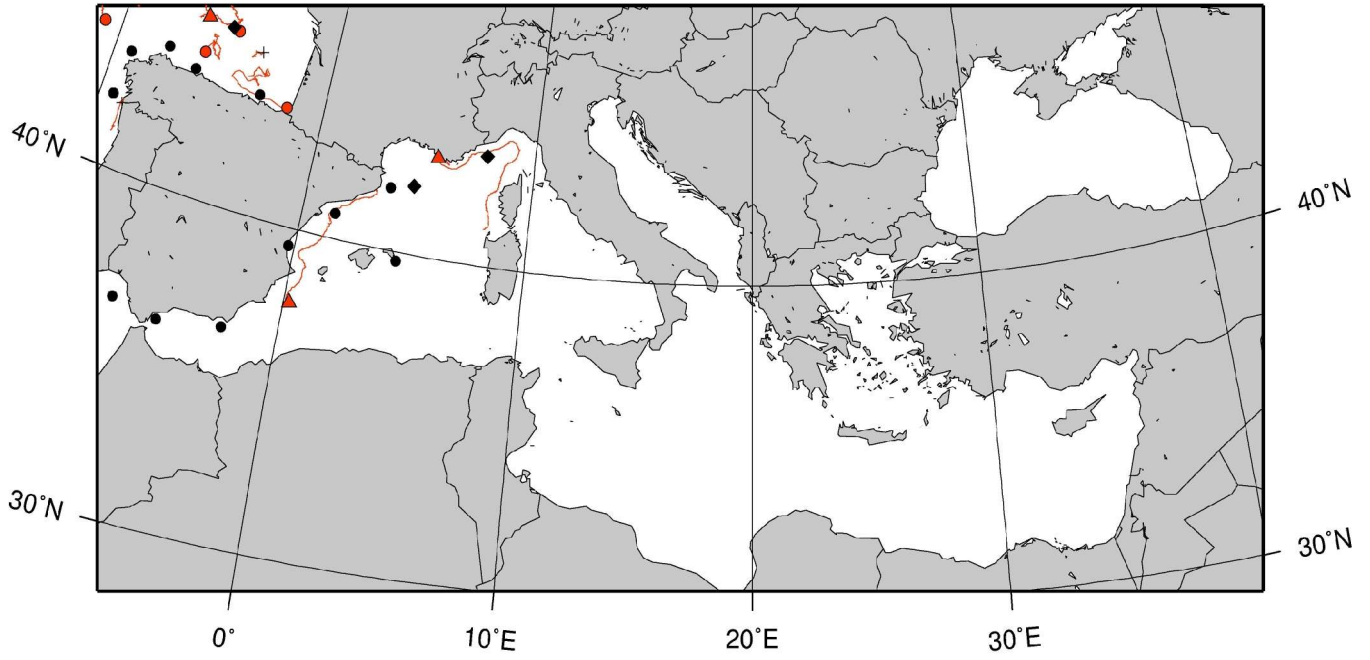
DATA BUOYS MONTHLY REPORT

November 2005



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

**E-SURFMAR DB Monthly Report
November 2005**



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

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DRIFTING BUOYS

Drifting buoys - New deployments

WMO	Argos	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
44730	52255	MSB	UK	20051114	56.5	-41.0	Reykjavik	
44742	52180	MSB	FR	20051115	53.8	-45.0	Reykjavik	
64614	52184	MSB	FR	20051112	63.1	-26.0	Reykjavik	
	52182	MSB	FR	20051116	50.0	-49.0	Reykjavik	Failed at deployment

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	739	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	29.85	-40.38	385
44549	42794	TSB	FR	751	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	60.40	-2.47	520
44550	52193	TSB	FR	743	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	52.54	-11.55	382
44607	52190	TSB	FR	746	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	37.27	-30.38	358
44609	52192	TSB	FR	745	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	47.92	-17.19	297
44611	52178	MSB	FR	736	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	59.39	-19.54	295
44612	21124	MSB	UK	829	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	61.13	-6.19	751
44615	52183	MSB	FR	744	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	44.27	-30.57	293
44722	52258	MSB	UK	723	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	47.52	-21.96	408
44723	52259	MSB	UK	745	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	58.21	-42.20	410
44725	21183	MSB	UK	741	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	54.32	-41.74	350
44727	52245	MSB	UK	739	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	41.45	-26.23	294
44728	52244	MSB	UK	737	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	50.68	-26.81	294
44729	52247	MSB	UK	739	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	45.23	-60.41	256
44730	52255	MSB	UK	380	-	-	X	X	X	-	-	X	-	-	-	T	1511-3011	56.19	-40.13	17
44742	52180	MSB	FR	352	-	-	X	X	X	-	-	X	-	-	-	T	1611-3011	53.34	-45.38	16
44743	21046	MSB	EU	793	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	34.28	-9.76	807
44760	52177	MSB	FR	731	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.81	-48.06	72
44761	52181	MSB	FR	716	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.55	-43.58	72
44775	9308	CFB	DE	1539	-	X	X	X	X	-	-	-	-	-	-	L	0111-3011	66.80	10.91	416
44831	55307	TSB	UP	745	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	53.09	-21.53	167
44832	55308	TSB	UP	750	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	54.25	-25.98	166
44842	55303	TSB	UP	885	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	59.40	-13.68	219
44843	55305	TSB	UP	1059	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	59.99	-31.86	219
44844	55306	TSB	UP	1047	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	59.33	-20.30	221
44845	55311	TSB	UP	1019	-	-	X	X	S	-	-	X	-	-	-	L	0111-3011	46.60	-41.67	222
44846	55313	TSB	UP	734	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	45.16	-18.49	224
44847	55315	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	39.58	-22.58	225
44848	55316	TSB	UP	735	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	38.29	-35.58	224
44849	55317	TSB	UP	736	-	-	X	X	-	-	-	X	-	-	-	L	0111-3011	46.69	-31.86	132
44850	55318	TSB	UP	745	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	43.28	-22.34	130
44901	55321	TSB	UP	734	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	36.63	-40.25	129
61501	42652	MSB	FR	728	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	43.09	5.56	233
61503	42647	MSB	FR	738	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	37.79	0.24	56
62510	52189	TSB	FR	1099	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	31.24	-25.21	386
62511	52195	MSW	FR	699	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	46.17	-10.70	371
62514	54745	MSB	NL	687	-	-	X	X	-	-	-	-	-	-	-	T	0111-3011	62.94	-41.62	298
62515	34408	TSB	FR	1310	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	45.34	-6.26	151
62556	42790	TSB	FR	740	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	27.07	-40.17	597
62557	42791	TSB	FR	736	-	-	X	X	-	-	-	X	-	-	-	T	0111-3011	26.30	-36.09	597
62560	37396	MSB	FR	1352	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	44.58	-26.16	521
62562	37400	MSB	FR	791	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.15	-18.98	527
62564	42649	MSB	FR	744	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	35.75	-17.04	523
62566	42658	MSW	FR	727	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	60.37	-14.19	540
62567	52248	MSB	UK	718	-	-	X	X	X	-	-	-	-	-	-	T	0111-3011	37.20	-16.47	259
62568	52249	MSB	UK	735	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	57.03	-11.99	96
62569	52250	MSB	UK	739	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	56.31	-29.79	94
62570	52251	MSB	UK	746	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	59.30	-31.25	92
62934	55314	TSB	UP	748	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	47.83	-10.91	222
62935	55319	TSB	UP	748	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	41.24	-21.15	121
62936	55320	TSB	UP	756	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	51.35	-10.63	132
64609	52257	MSB	UK	746	-	-	X	X	-	-	-	X	-	-	-	O	0111-3011	62.00	-49.68	411
64612	54744	MSB	NL	746	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	60.15	-19.92	326
64613	52254	MSB	UK	742	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	63.24	-27.27	74
64614	52184	MSB	FR	402	-	-	X	X	X	-	-	X	-	-	-	T	1411-3011	62.71	-25.65	19
64929	55309	TSB	UP	750	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	59.33	-18.61	165

Drifting buoys which ceased to be operational

E-SURFMAR DB Monthly Report November 2005

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44608	52191	TSB	FR	20051114	37.8	-25.3	343	Ashore in Sao Miguel
44610	52252	MSB	UK	20051111	49.9	-31.1	276	Unknown
62901	55312	TSB	UP	20051124	58.5	-6.2	216	Ashore in the North of Hebrides Is.

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

WMO	Argos	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
44601	52194	TSB	FR	748	-	-	-	-	X	-	-	-	-	-	-	T	0111-3011	53.44	-12.42	381
44616	21092	MSB	UK	819	-	-	-	-	X	-	-	X	-	-	-	T	0111-3011	58.94	-24.16	724
44744	34411	TSB	FR	744	-	-	-	-	X	-	-	-	-	-	-	T	0111-3011	31.88	-15.73	835

----- 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
41501	34809	NAVO	725	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	13.05	-59.22
41502	34810	NAVO	730	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	12.95	-56.29
41525	56017	NAVO	727	X	-	X	X	X	-	-	X	-	-	-	L	0111-3011	24.54	-69.53
41543	47580	NAVO	718	X	-	X	X	X	-	-	X	-	-	-	L	0111-3011	29.68	-49.78
41544	47581	NAVO	973	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	26.82	-69.25
41545	47582	NAVO	718	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	23.28	-61.27
41625	56019	NAVO	25	-	-	X	X	X	-	-	X	-	-	X	L	3011-3011	26.89	-69.90
41645	56023	NAVO	1041	X	-	X	X	X	-	-	X	-	-	-	L	0111-3011	29.15	-68.42
41931	49577	GDC	541	-	-	X	-	X	-	-	X	-	-	-	L	0111-3011	38.21	-48.48
44635	09238	EC	320	-	-	X	X	X	-	-	-	-	-	-	O	0111-3011	42.88	-54.16
44636	36362	EC	302	-	-	X	X	X	-	-	-	-	-	-	O	0111-3011	44.13	-59.63
44637	36363	EC	421	-	-	X	X	X	-	-	-	-	-	-	O	0111-3011	42.01	-63.87
44903	36256	GDC	741	-	-	X	X	X	-	-	X	-	-	-	L	0111-3011	41.97	-65.11
62503	52197	CMM	684	-	-	X	X	X	-	-	X	-	-	X	T	0111-3011	44.31	-5.98
62504	57963	CMM	744	-	-	X	X	-	-	-	-	-	-	-	T	0111-3011	44.00	-10.80
62907	56362	GDC	413	-	-	X	-	X	-	-	-	-	-	X	L	0111-3011	43.49	-1.68
62928	56368	GDC	111	-	-	X	-	X	-	-	-	-	-	X	L	0111-3011	45.25	-4.72

----- 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	736	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	43.40	7.80
61002	Lion	741	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	42.10	4.70
62001	Gascogne	741	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	45.30	-5.00
62029	K1	740	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	48.70	-12.50
62052	Ushant	678	X	X	X	X	X	X	X	-	-	X	-	O	0211-3011	48.50	-5.80
62081	K2	742	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	51.00	-13.20
62090	M1	740	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	53.10	-11.20
62091	M2	742	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	53.50	-5.40
62092	M3	740	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	51.20	-10.50
62093	M4	740	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	54.70	-9.10
62094	M5	741	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	51.70	-6.70
62105	K4	739	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	54.90	-12.40
62108	K3	741	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	53.50	-19.50
62163	Brittany	738	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	47.50	-8.40
64045	K5	740	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	59.00	-11.40
64046	K7	741	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	60.70	-5.20

Comments:

- EUCOS moored buoys are presented in bold characters.

----- Operating EGOS moored buoys (Seawatch and Wavescans)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
13130	Gran Canaria		-	-	-	-	-	-	-	-	-	-	-			28.18	-15.82
13131	Tenerife Sur		-	-	-	-	-	-	-	-	-	-	-			28.00	-16.58
61196	C. Begur		X	X	X	-	-	X	X	-	-	-	-	O		41.92	3.65
61197	Mahon		X	X	X	-	-	X	X	-	-	-	-	O		39.72	4.42
61198	C. de Gata		X	X	X	-	-	X	X	-	-	-	X	O		36.57	-2.33
61199	M. Alboran		X	X	X	-	-	X	X	-	-	-	X	O		36.23	-5.03
61280	Tarragona		X	-	X	-	-	X	X	-	-	-	X	O		40.77	1.47
61281	Valencia		X	X	X	-	-	X	X	-	-	-	X	O		39.47	-0.27

E-SURFMAR DB Monthly Report November 2005

62024 Bilbao-Visc.	X	X	X	-	-	X	X	-	-	-	-	O	43.63	-3.03
62025 C. de Penas	X	X	X	-	X	X	X	-	-	-	X	O	43.73	-6.17
62082 E. de Bares	X	X	X	-	X	X	X	-	-	-	X	O	44.07	-7.62
62083 Villano-Sis.	X	X	X	-	X	X	X	-	-	-	X	O	43.48	-9.22
62084 C. Silleiro	X	X	X	-	X	X	X	-	-	-	X	O	42.12	-9.40
62085 G. de Cadiz	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 reports and the observation period are missing.
- The snapshot for Seawatch and Wavescan buoys is dated December 2, 2005.
- The EUCOS buoy is presented in bold characters.

Other moored buoys into the EUCOS area of interest

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
41040	West Atlantic	687	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	14.50	-53.00
41041	Mid. Atlantic	718	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	14.50	-46.00
41100	E Guadeloupe	659	-	X	X	X	X	X	-	-	-	X	-	O	0111-3011	15.90	-57.90
41101	E Martinique	741	X	X	X	X	X	S	-	-	-	X	-	O	0111-3011	14.60	-56.20
44008	A Nantucket	738	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	40.50	-69.40
44011	D Georges Bk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.10	-66.60
44018	SE Cape Cod	731	X	X	X	X	-	X	-	-	-	X	-	O	0111-3011	41.30	-69.30
44024	NNE Channel	716	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	42.30	-65.90
44137	E Scotia Sl.	740	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	42.30	-62.00
44138	SW Gd Banks	740	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	44.30	-53.60
44139	Beanquereau	734	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	44.30	-57.10
44140	Tail of Bk	740	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	43.80	-51.70
44141	Larentian F	737	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	43.00	-58.00
44142	La Have Bk	736	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	42.50	-64.00

Meaning of columns

WMO : WMO id.
 Argos : Argos id.
 Typ : Buoy type
 - first character : Manufacturer (C = ConMar , M = Metocean, T = Technocean, Y = Marlin-Yug...)
 - second character : Main type (F = FGGE, S = SVP)
 - third character : Sub type (B = barometer buoy, W = Wind buoy, S = Salinity buoy)
 Ow : Buoy owner (country code 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
 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.

Buoy-QC statistics from Meteo-France model outputs

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

Air Pressure (hPa), drifting buoys, November 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051130	13534	52187	726	1	-0.5	0.9
20051130	44549	42794	642	3	0.0	1.6
20051130	44550	52193	627	1	0.0	1.2
20051130	44607	52190	731	0	0.0	0.6
20051114	44608	52191	346	1	-0.1	0.6
20051130	44609	52192	615	0	0.0	1.2
20051111	44610	52252	265	1	-0.4	1.7
20051130	44611	52178	722	1	-0.1	1.3
20051130	44612	21124	663	0	0.1	1.4
20051130	44615	52183	725	0	0.0	1.1
20051130	44722	52258	708	0	-0.1	1.2
20051130	44723	52259	727	1	-0.2	1.5
20051130	44725	21183	725	2	0.2	1.5
20051130	44727	52245	721	0	0.2	0.8
20051130	44728	52244	721	1	0.3	1.3
20051130	44729	52247	721	2	-0.5	1.3
20051130	44730	52255	362	0	-0.2	1.2
20051130	44742	52180	339	0	-0.6	1.0
20051130	44743	21046	665	0	0.7	0.7
20051130	44760	52177	719	0	0.1	1.5
20051130	44761	52181	699	0	0.1	1.3
20051130	44775	09308	1280	2	0.0	1.2
20051130	44831	55307	538	0	-0.1	1.1
20051130	44832	55308	547	0	0.0	1.2
20051130	44842	55303	645	0	-0.2	1.1
20051130	44843	55305	776	1	0.0	1.3
20051130	44844	55306	768	0	-0.1	1.4
20051130	44845	55311	745	0	0.2	1.1
20051130	44846	55313	535	0	0.0	1.2
20051130	44847	55315	548	0	-0.2	0.8
20051130	44848	55316	554	0	0.1	0.6
20051130	44849	55317	549	2	-0.2	1.7
20051130	44850	55318	548	0	0.0	1.1
20051130	44901	55321	553	0	-0.1	0.7
20051130	61501	42652	708	2	0.3	0.8
20051130	61503	42647	717	0	0.1	0.8
20051130	62510	52189	1064	1	0.1	0.7
20051130	62511	52195	679	0	0.9	1.1
20051130	62514	54745	671	0	0.5	1.4
20051130	62515	34408	1287	0	-0.1	0.9
20051130	62556	42790	726	0	-0.1	0.7
20051130	62557	42791	714	0	-0.1	0.6
20051130	62560	37396	1206	0	0.1	1.1
20051130	62562	37400	652	0	0.7	1.1
20051130	62564	42649	723	0	0.7	0.8
20051130	62566	42658	699	3	0.0	1.6
20051130	62567	52248	700	0	-0.3	0.8
20051130	62568	52249	718	0	0.4	1.4
20051130	62569	52250	724	0	0.6	1.3
20051130	62570	52251	722	0	0.1	1.6
20051124	62901	55312	437	0	-0.1	1.5
20051130	62934	55314	543	0	0.1	1.1
20051130	62935	55319	552	0	-0.1	1.0
20051130	62936	55320	547	1	0.0	1.3
20051130	64609	52257	728	0	-0.5	1.3
20051130	64612	54744	729	0	-0.7	1.3
20051130	64613	52254	722	0	0.0	1.4
20051130	64614	52184	389	0	0.3	1.1
20051130	64929	55309	553	0	0.2	1.2

**E-SURFMAR DB Monthly Report
November 2005**

Air Pressure (hPa), moored buoys, November 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051130	61001		735	0	-0.4	0.7
20051130	61002		741	0	-0.1	0.7
20051130	62001		741	0	-0.1	0.9
20051130	62029		737	1	0.1	1.1
20051130	62052		678	0	0.2	1.0
20051130	62081		737	11	-0.1	1.3
20051130	62090		724	2	0.1	1.3
20051130	62091		741	1	-0.3	1.1
20051130	62092		740	1	0.1	1.2
20051130	62093		740	0	-0.1	1.4
20051130	62094		741	0	0.0	1.0
20051130	62105		739	0	-0.5	1.5
20051130	62108		740	1	0.2	1.4
20051130	62163		738	0	0.0	1.0
20051130	64045		740	0	-0.2	1.4
20051130	64046		741	2	0.0	1.6

Air Temperature (C), drifting buoys, November 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051130	44775	09308	1264	0	-0.2	0.8

Air Temperature (C), moored buoys, November 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051130	61001		735	0	0.1	0.9
20051130	61002		741	0	0.6	0.9
20051130	62001		739	0	-0.1	0.7
20051130	62029		737	0	-0.4	0.6
20051130	62052		678	0	-0.2	0.7
20051130	62081		736	4	-0.1	1.0
20051130	62090		739	2	-0.1	0.7
20051130	62091		741	0	1.4	1.2
20051130	62092		740	0	-0.1	0.6
20051130	62093		740	1	0.8	0.8
20051130	62094		741	0	1.0	0.8
20051130	62105		739	0	-0.4	0.7
20051130	62108		736	1	-0.2	0.7
20051130	62163		738	0	-0.2	0.6
20051130	64045		734	0	0.3	0.7
20051130	64046		741	0	-0.4	0.7

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20051130	61001		657	110	-16.	41.
20051130	61002		741	26	0.	22.
20051130	62001		739	0	2.	16.
20051130	62029		738	2	4.	13.
20051130	62052		669	3	3.	17.
20051130	62081		727	4	3.	13.
20051130	62090		727	3	0.	17.
20051130	62091		741	11	1.	20.
20051130	62092		740	0	3.	17.
20051130	62093		739	12	-7.	21.
20051130	62094		741	6	4.	17.
20051130	62105		739	2	3.	17.
20051130	62108		738	10	-2.	17.
20051130	62163		738	4	3.	14.
20051130	64045		737	28	2.	20.
20051130	64046		724	10	0.	21.

E-SURFMAR DB Monthly Report November 2005

Wind speed rate, moored buoys, November 2005

Datend	WMO	Argos	Recvd	GE	Rate	Err
20051130	61001		659	0	1.0	3.5
20051130	61002		741	0	1.0	2.0
20051130	62001		739	0	1.1	1.7
20051130	62029		738	0	1.0	1.4
20051130	62052		676	0	1.1	1.6
20051130	62081		739	3	0.9	1.7
20051130	62090		727	0	1.0	1.6
20051130	62091		741	0	1.5	2.1
20051130	62092		740	0	1.1	1.7
20051130	62093		740	0	1.3	2.0
20051130	62094		741	0	1.3	1.5
20051130	62105		739	0	1.0	1.7
20051130	62108		741	0	0.9	1.8
20051130	62163		738	0	1.0	1.3
20051130	64045		740	0	1.0	3.6
20051130	64046		741	0	1.0	2.0

Comments on QC statistics :

General

1. No particular problem was observed on the data quality during this month.

Wind

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

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.