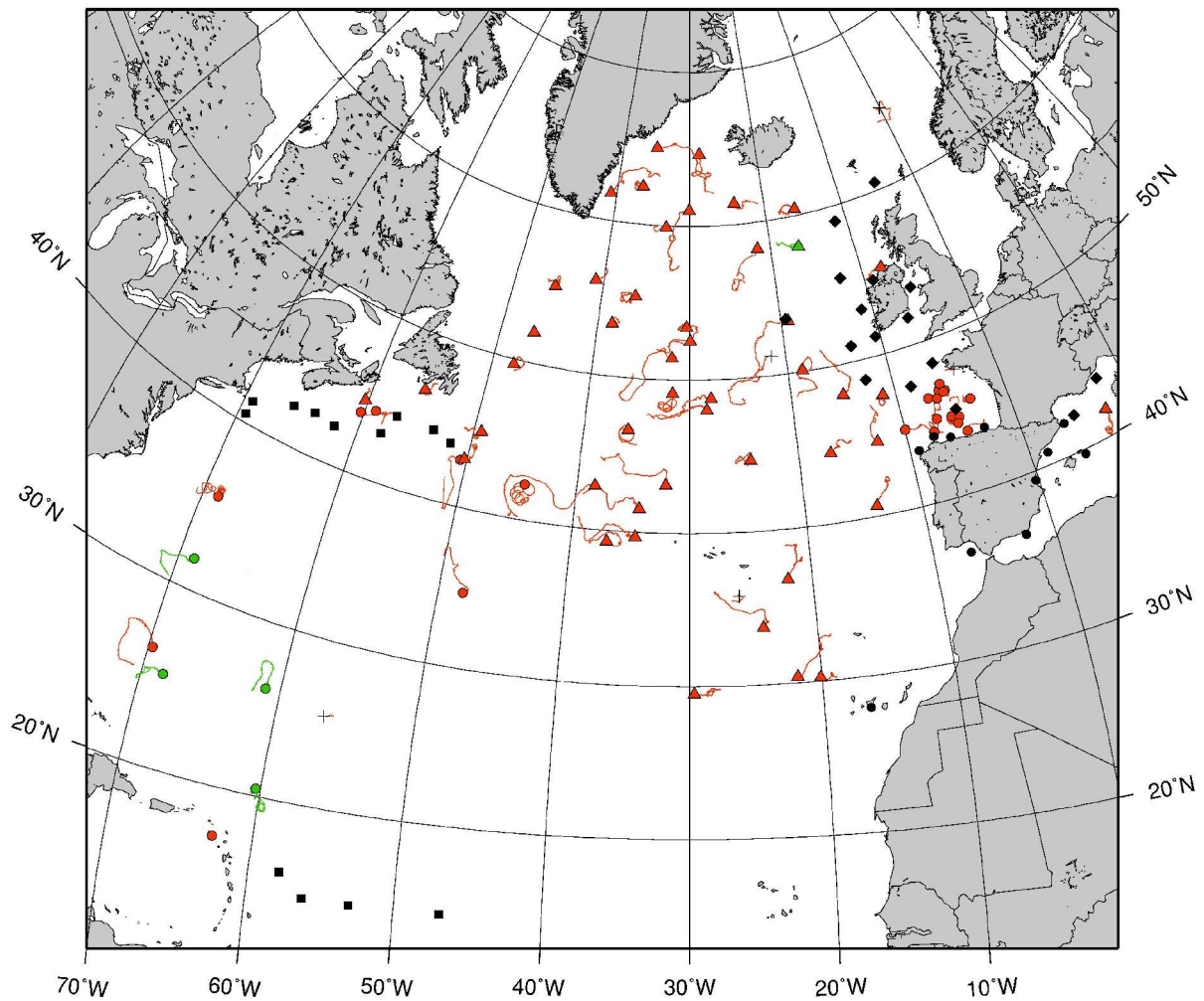


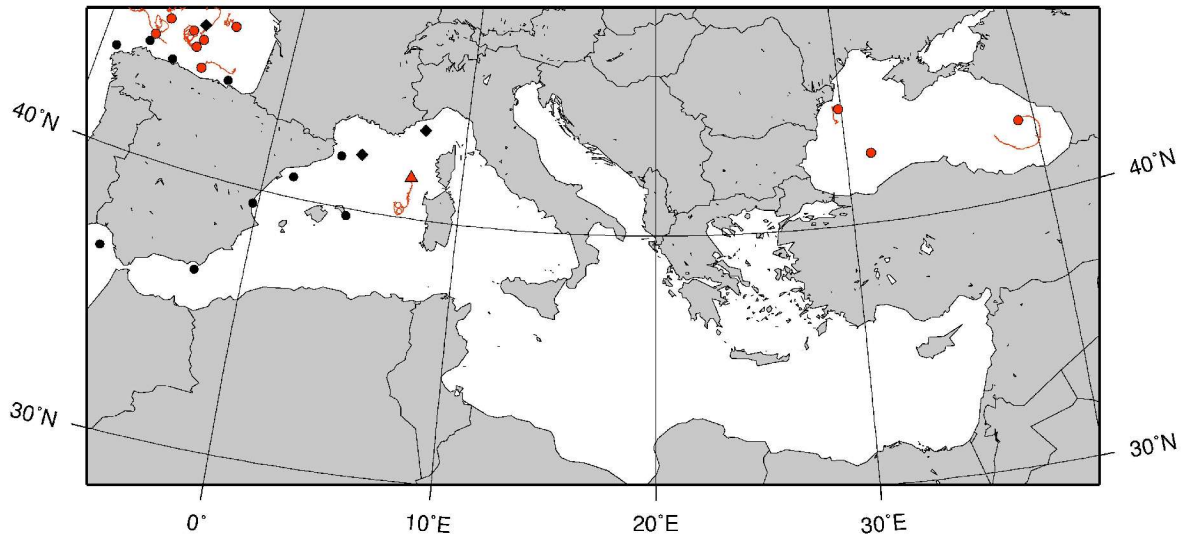
DATA BUOYS MONTHLY REPORT

June 2005



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

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



June 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
44831	55307	TSB	UP	20050617	52.1	-47.0	Norfolk	
44832	55308	TSB	UP	20050618	57.0	-40.0	Norfolk	
44833	55310	TSB	UP	20050614	45.1	-60.0	Norfolk	
64929	55309	TSB	UP	20050619	60.0	-34.2	Norfolk	

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	721	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	33.72	-24.21	232
44549	42794	TSB	FR	730	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	53.43	-30.32	367
44550	52193	TSB	FR	729	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	49.08	-31.72	229
44607	52190	TSB	FR	731	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	39.29	-37.01	205
44608	52191	TSB	FR	732	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	39.68	-34.62	206
44609	52192	TSB	FR	1244	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	48.75	-27.91	144
44610	52252	MSB	UK	708	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	53.38	-38.49	142
44611	52178	MSB	FR	696	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	52.50	-29.92	142
44612	21124	MSB	UK	790	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	60.42	-16.11	598
44615	52183	MSB	FR	725	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	44.98	-49.31	140
44628	21329	MSB	UK	842	-	-	X	X	X	-	-	-	-	-	-	T	0106-3006	29.51	-29.65	756
44722	52258	MSB	UK	688	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	48.03	-28.33	257
44723	52259	MSB	UK	724	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.76	-40.83	370
44725	21183	MSB	UK	724	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	55.14	-45.38	197
44726	52253	MSB	UK	711	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	49.65	-47.83	170
44727	52245	MSB	UK	721	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	46.63	-35.83	141
44728	52244	MSB	UK	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	51.41	-31.84	141
44729	52247	MSB	UK	722	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	46.47	-55.42	103
44743	21046	MSB	EU	734	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	40.67	-13.83	654
44775	09308	CFB	DE	987	-	X	X	X	X	-	-	-	-	-	-	T	0106-3006	58.28	-21.64	263
44831	55307	TSB	UP	260	-	-	X	X	X	-	-	X	-	-	-	L	2006-3006	51.95	-46.58	14
44832	55308	TSB	UP	263	-	-	X	X	X	-	-	X	-	-	-	L	2006-3006	56.06	-40.98	13
44833	55310	TSB	UP	258	-	-	X	X	X	-	-	X	-	-	-	L	2006-3006	44.49	-60.30	17
44842	55303	TSB	UP	884	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	61.01	-30.07	66
44843	55305	TSB	UP	914	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	64.67	-28.55	66
44844	55306	TSB	UP	1034	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	55.30	-36.21	68
44845	55311	TSB	UP	949	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	43.04	-50.24	69
44846	55313	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	43.11	-32.14	71
44847	55315	TSB	UP	733	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	41.54	-34.41	72
44848	55316	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	42.84	-38.43	71
61501	42652	MSB	FR	731	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	41.54	7.39	80
62510	52189	TSB	FR	729	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	36.74	-22.00	233
62511	52195	MSW	FR	638	S	-	X	X	X	-	-	X	-	-	-	T	0106-3006	47.49	-11.23	210
62514	54745	MSB	NL	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	65.01	-34.95	145
62556	42790	TSB	FR	733	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	30.41	-21.82	444
62557	42791	TSB	FR	717	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	30.24	-20.12	444
62560	37396	MSB	FR	1052	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.52	-17.08	368
62562	37400	MSB	FR	779	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	48.05	-14.97	374
62563	42648	MSB	FR	712	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	55.31	-7.79	388
62564	42649	TSB	FR	726	-	-	X	X	X	-	-	S	-	-	-	T	0106-3006	44.64	-24.41	370
62566	42658	MSW	FR	706	X	-	X	X	X	-	-	X	-	-	-	T	0106-3006	58.01	-16.58	387
62567	52248	MSB	UK	661	-	-	X	X	X	-	-	S	-	-	-	T	0106-3006	44.66	-12.71	106
62901	55312	TSB	UP	739	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	53.38	-19.25	69
62934	55314	TSB	UP	743	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	50.08	-18.53	69
64609	52257	MSB	UK	721	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	62.45	-36.52	258
64612	54744	MSB	NL	724	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.37	-23.99	173
64929	55309	TSB	UP	252	-	-	X	X	X	-	-	X	-	-	-	L	2006-3006	59.91	-33.02	12

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Drifting buoys which ceased to be operational

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44745	34408	TSB	EU	20050609	47.72	-4.00	632	Ashore
44777	06666	CFB	IE	20050604	62.83	-21.93	780	Faded
44778	06667	CFB	IE	20050610	35.85	-26.05	786	Faded
62513	42789	TSB	FR	20050630	51.26	-21.47	144	AP failed
64610	52256	MSB	UK	20050625	64.68	-0.09	240	Failed

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	730	-	-	-	-	X	-	-	-	-	-	-	T	0106-3006	51.68	-38.40	228
44616	21092	MSB	UK	785	-	-	-	-	X	-	-	X	-	-	-	T	0106-3006	56.50	-25.23	571
44744	34411	TSB	FR	728	-	-	-	-	X	-	-	-	-	-	-	T	0106-3006	37.66	-15.69	682
62512	42651	MSB	FR	711	-	-	-	-	X	-	-	X	-	-	-	T	0106-3006	38.89	-15.41	218
62513	42789	TSB	FR	721	-	-	S	S	X	-	-	-	-	-	-	T	0106-3006	51.26	-21.47	145

Other operating drifting buoys into the EUCOS area of interest 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
41539	02803	UW		129	-	-	X	X	X	-	-	X	-	-	-	L	2706-3006	26.27	-69.71
41540	47577	NAVO		696	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	42.28	-44.57
41543	47580	NAVO		712	X	-	X	X	X	-	-	X	-	-	-	L	0106-3006	26.20	-61.09
41544	47581	NAVO		704	X	-	X	X	X	-	-	X	-	-	-	L	0106-3006	20.43	-60.35
41545	47582	NAVO		433	X	-	X	X	X	-	-	X	-	-	-	L	0106-3006	25.12	-68.47
41663	47640	NAVO		1657	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	17.28	-62.73
41929	49575	GDC		271	X	-	X	-	X	-	-	X	-	-	-	L	1906-3006	31.71	-68.83
41931	49577	GDC		540	-	-	X	-	X	-	-	X	-	-	-	L	0206-3006	35.49	-68.80
41939	49585	GDC		660	-	-	X	-	X	-	-	X	-	-	-	L	0106-3006	34.77	-48.06
44635	09238	EC		321	-	-	X	X	X	-	-	-	-	-	-	O	0106-3006	42.92	-50.58
44636	36362	EC		200	-	-	X	X	X	-	-	-	-	-	-	O	1706-3006	43.71	-60.30
44637	36363	EC		200	-	-	X	X	X	-	-	-	-	-	-	O	1706-3006	44.13	-59.07
61767	34253	NAVO		1521	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	42.82	39.20
61768	34859	NAVO		676	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	44.47	29.84
61769	34860	NAVO		697	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	42.65	31.29
62501	52198	CMM		664	-	-	X	X	X	-	-	X	-	-	X	T	0106-3006	45.00	-9.97
62502	42656	CMM		925	-	-	X	X	X	-	-	X	-	-	X	T	0106-3006	46.64	-5.42
62503	52197	CMM		661	-	-	X	X	X	-	-	X	-	-	X	T	0106-3006	46.73	-6.01
62907	56362	GDC		318	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	45.11	-6.91
62908	56363	GDC		325	-	-	X	-	-	-	-	-	-	-	X	L	0106-3006	45.60	-3.40
62909	56364	GDC		231	-	-	X	-	S	-	-	-	-	-	X	L	0106-3006	47.11	-5.71
62910	56365	GDC		270	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	43.77	-4.57
62926	56366	GDC		337	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	44.97	-5.54
62927	56367	GDC		160	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	46.48	-7.16
62928	56368	GDC		278	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	46.58	-5.61
62929	56369	GDC		266	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	44.77	-4.88
62930	56370	GDC		332	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	44.37	-7.44
62931	56371	GDC		460	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	44.44	-5.16
62932	56372	GDC		358	-	-	X	-	X	-	-	-	-	-	X	L	0106-3006	46.32	-6.36

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	705	X	X	X	X	X	X	X	-	-	X	-	O	0106-3006	43.40	7.80
61002	Lion	712	X	X	X	X	X	-	-	-	-	X	-	O	0106-3006	42.10	4.70
62001	Gasconne	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	45.20	-5.00
62029	K1	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	48.70	-12.50
62052	Ushant	706	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	48.50	-5.80
62081	K2	719	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	51.00	-13.30
62090	M1	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	53.10	-11.20
62091	M2	719	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	53.50	-5.40
62092	M3	719	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	51.20	-10.50
62093	M4	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	54.70	-9.10
62094	M5	718	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	51.70	-6.70
62105	K4	688	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	55.40	-12.60
62108	K3	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	53.50	-19.40
62163	Brittany	720	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	47.50	-8.40
64045	K5	719	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	59.00	-11.40
64046	K7	589	X	X	X	X	X	X	-	-	-	X	-	O	0606-3006	60.50	-5.00

Comments :

- EUCOS moored buoys are presented in bold characters.

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	-	-	-	-	-	-	-	-	-	-	-	-	-		28.18	-15.82
13131	Tenerife Sur	X	X	X	-	X	X	X	-	-	-	-	-	O		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	-	-	-	-	-	-	-	-	-	-	-	-	-		36.23	-5.03
61280	Tarragona	X	X	X	-	X	X	X	-	-	-	X	O			40.77	1.47
61281	Valencia	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	O			43.73	-6.17
62082	E. de Bares	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-		42.12	-9.40
62085	G. de Cadiz	X	X	X	-	X	X	X	-	-	-	-	O			36.48	-6.97

Comments :

- The snapshot for Seawatch and Wavescan buoys - here above - is dated July 13th 2005
- The EUCOS moored buoy is presented in bold characters.
- GTS BUFR data monitoring tools are not yet available. This explains why the number of reports and the observation period are missing.

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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	705	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	14.50	-53.00
41041	Mid. Atlantic	701	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	14.50	-46.00
41100	E. Guadelou.	713	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	15.90	-57.90
41101	E. Martiniq.	289	X	X	X	X	X	X	-	-	-	X	-	O	1606-3006	14.60	-56.20
44008	A Nantucket	713	-	X	X	X	X	X	-	-	-	X	-	O	0106-3006	40.50	-69.40
44011	D Georges Bk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.10	-66.60
44018	SE Cape Cod	712	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	41.30	-69.30
44024	NNE Channel	661	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	42.30	-65.90
44137	E Scotia Sl.	713	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	42.30	-62.00
44138	SW Gd Banks	715	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	44.30	-53.60
44139	Beanquereau	654	X	X	X	X	X	X	-	-	-	-	-	O	0306-3006	44.30	-57.10
44140	Tail of Bk	713	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	43.80	-51.70
44141	Laurentian F	489	X	X	X	X	X	X	-	-	-	-	-	O	1006-3006	43.00	-58.00
44142	La Have Bk	709	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	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), EUCOS drifting buoys, June 2005

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050630	13534	52187	719	0	-0.1	0.5
20050630	44549	42794	596	1	0.0	0.9
20050630	44550	52193	601	0	0.1	0.8
20050630	44607	52190	731	0	-0.1	0.7
20050630	44608	52191	732	0	-0.3	0.8
20050630	44609	52192	1069	0	-0.1	0.9
20050630	44610	52252	704	0	-0.3	0.9
20050630	44611	52178	692	0	-0.2	1.0
20050630	44612	21124	670	0	0.1	0.8
20050630	44615	52183	725	1	0.0	0.8
20050630	44628	21329	667	1	-0.2	0.4
20050630	44722	52258	683	0	0.0	0.9
20050630	44723	52259	714	1	0.0	0.7
20050630	44725	21183	720	1	0.2	0.8
20050630	44726	52253	706	0	-0.1	0.9
20050630	44727	52245	719	0	0.0	0.9
20050630	44728	52244	715	0	0.2	1.1
20050630	44729	52247	717	0	-0.5	0.9
20050630	44743	21046	603	0	0.3	0.7
20050609	44745	34408	196	0	-0.2	0.6
20050630	44775	09308	806	5	-0.2	1.1
20050617	44777	06666	125	6	0.6	2.0
20050610	44778	06667	126	4	0.5	1.1
20050630	44842	55303	856	0	-0.1	0.8
20050630	44843	55305	875	0	0.0	0.8
20050630	44844	55306	991	0	-0.1	0.9
20050630	44845	55311	911	0	0.1	0.8
20050630	44846	55313	704	0	-0.1	0.9
20050630	44847	55315	711	0	-0.1	0.8
20050630	44848	55316	705	1	0.0	1.0
20050630	61501	42652	719	1	0.4	0.6
20050630	62510	52189	717	1	0.0	0.5
20050630	62511	52195	631	1	0.7	0.5
20050617	62513	42789	395	71	-0.1	0.7
20050630	62514	54745	708	0	0.1	1.0
20050630	62556	42790	699	0	0.1	0.5
20050630	62557	42791	670	1	0.1	0.4
20050630	62560	37396	867	3	0.6	0.8
20050630	62562	37400	627	1	0.7	0.7
20050630	62563	42648	704	0	-0.2	0.7
20050630	62564	42649	718	2	0.4	0.7
20050630	62566	42658	701	0	0.1	0.9
20050630	62567	52248	655	1	0.0	0.5
20050630	62901	55312	692	0	-0.2	0.9
20050630	62934	55314	697	0	0.0	0.7
20050630	64609	52257	711	0	0.0	0.7
20050625	64610	52256	525	0	0.2	0.9
20050630	64612	54744	713	0	-0.6	0.8

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050630	61001		705	0	0.2	0.6
20050630	61002		712	0	0.1	0.6
20050630	62001		720	0	0.0	0.6
20050630	62029		720	1	0.0	0.6
20050630	62081		720	0	-0.1	0.8
20050630	62090		720	0	-0.1	0.7
20050630	62091		717	0	-0.1	0.7
20050630	62092		717	0	0.2	0.7
20050630	62093		719	0	0.1	0.8
20050630	62094		714	0	0.3	0.7
20050630	62105		683	0	-0.3	0.8
20050630	62108		720	0	0.0	0.8
20050630	62163		720	0	0.4	0.5
20050630	64045		719	0	-0.1	0.9
20050630	64046		589	4	0.2	0.9

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050630	44775	09308	835	0	0.2	0.6
20050617	44777	06666	120	18	-0.1	2.5
20050606	44778	06667	27	2	0.5	1.7

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050630	61001		705	0	0.9	0.7
20050630	61002		712	0	0.0	0.9
20050630	62001		718	0	0.0	0.5
20050630	62029		720	0	0.0	0.5
20050630	62081		720	0	0.2	0.8
20050630	62090		720	0	-0.2	0.5
20050630	62091		718	0	-1.3	1.0
20050630	62092		718	0	0.0	0.6
20050630	62093		720	0	0.1	0.8
20050630	62094		716	0	-0.2	0.9
20050630	62105		687	1	-0.3	0.5
20050630	62108		717	0	-0.1	0.5
20050630	62163		720	0	-0.1	0.5
20050630	64045		719	0	-0.1	0.5
20050630	64046		589	2	-0.2	0.8

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050616	62511	52195	273	1	8.	17.
20050630	62566	42658	590	4	2.	25.

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

Datend	WMO	Argos	Recvd	GE	Bias	Std
20050630	61001		705	108	-8.	39.
20050630	61002		712	35	-7.	27.
20050630	62001		719	14	-2.	21.
20050630	62029		720	3	-1.	17.
20050630	62081		719	4	1.	16.
20050630	62090		720	6	1.	17.
20050630	62091		718	8	-9.	25.
20050630	62092		713	0	-3.	20.
20050630	62093		719	6	-5.	25.
20050630	62094		718	6	-2.	22.
20050630	62105		418	9	2.	23.
20050630	62108		719	2	0.	20.
20050630	62163		720	6	3.	19.
20050630	64045		567	3	2.	16.
20050630	64046		590	4	-3.	20.

Wind speed rate, drifting buoys, June 2005

Datend	WMO	Argos	Recvd	GE	Rate	Err
20050616	62511	52195	273	1	1.3	1.5
20050630	62566	42658	590	0	1.0	1.8

Wind speed rate, moored buoys, June 2005

Datend	WMO	Argos	Recvd	GE	Rate	Err
20050630	61001		705	0	1.6	2.2
20050630	61002		712	0	1.2	1.5
20050630	62001		719	0	1.3	1.4
20050630	62029		720	0	1.0	1.2
20050630	62081		719	1	0.9	1.4
20050630	62090		720	0	1.1	1.8
20050630	62091		719	0	1.3	1.6
20050630	62092		714	0	1.2	1.3
20050630	62093		719	0	1.2	1.9
20050630	62094		718	0	1.4	1.4
20050630	62105		418	0	0.6	1.6
20050630	62108		720	0	1.0	1.3
20050630	62163		720	0	1.2	1.3
20050630	64045		716	0	1.0	1.4
20050630	64046		590	1	1.1	1.2

Comments on QC statistics :

Air pressure

1. SVP-B drifters 42789 (WMO **62513**) reported some dubious air pressure values before removing this parameter from the GTS data transmission.

Air temperature

2. ConMar buoy 06666 (WMO **44777**) reported a few dubious air temperature values before it stopped transmitting.

Wind

3. 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.

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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 for the password in case you forgot it.