

#	output variable name	long_name	standard_name	units	cell_methods: time:	Tier 2				Tier 1			Core				Variable comment	
						1hr	in	av	day	in	av	day	in	sa	mon	in	sa	
1	thetao	Sea Water Potential Temperature	sea_water_potential_temperature	K	point							x	i					3D
2	so	Sea Water Salinity	sea_water_salinity	psu	point							x	i					3D
3	uo	Sea Water X Velocity	sea_water_x_velocity	m/s	point							x	i					3D
4	vo	Sea Water Y Velocity	sea_water_y_velocity	m/s	point							x	i					3D
5	wo	Sea Water Upward Velocity	sea_water_z_velocity	m/s	point							x	i					3D
6	zos	Sea Surface Height Above Geoid	sea_surface_height_above_geoid	m	mean							x		x				2D
7	tos	Sea Surface Temperature	sea_surface_temperature	K	point	x	i					x	i	x	i			2D
8	sos	Sea Surface Salinity	sea_surface_salinity	psu	point							x	i	x	i			2D
9	mlst	Ocean Mixed Layer Thickness Defined by Sigma T	ocean_mixed_layer_thickness_defined_by_sigma_t	m	mean							x		x				2D: for Med-CORDEX: Use a criteria of 0.011 or 0.01 kg/m³ with a 10m reference
10	hfds	Downward Heat Flux at the Sea Water Surface	surface_downward_heat_flux_in_sea_water	W/m²	mean							x		x				down
11	hfcorr	Heat Flux Correction	heat_flux_correction	W/m²	mean							x		x				down
12	rsntds	Net Downward Shortwave Radiation at Sea Water Surface	net_downward_shortwave_flux_at_sea_water_surface	W/m²	mean							x		x				down
13	tauuo	Surface Downward X Stress	surface_downward_x_stress	N/m²	mean							x		x				east
14	tauvo	Surface Downward Y Stress	surface_downward_y_stress	N/m²	mean							x		x				north
15	wfo	Water Flux into Sea Water	water_flux_into_sea_water	kg/m²/s	mean							x		x				down
16	wfonorunoffcorr	Water Flux into Sea Water Without Flux Correction Without Runoff Flux	water_flux_into_sea_water_without_runoff_without_flux_correction	kg/m²/s	mean							x		x				2D : no runoff, no corrections
17	wfonocorr	Water Flux into Sea Water Without Flux Correction	water_flux_into_sea_water_without_flux_correction	kg/m²/s	mean							x		x				2D : Including runoff, without corrections
18	tsa	to be invented	surface_temperature_from_atmospheric_model	°C	point							x	i	x	i			2D : useful for bulk forcing
19	wfoa	to be invented	surface_average_water_flux_into_sea_water	Kg/m²/s	mean							x		x				1D : P+R-E+corrections
20	hfloa	to be invented	surface_average_surface_heat_flux	W/m²	mean							x		x				1D : SW+LW+SH+LH + corrections
21	thetaoa	to be invented	volume_average_sea_water_potential_temperature	K	point							x	i					1D
22	soa	to be invented	volume_average_sea_water_salinity	psu	point							x	i					1D
23	tosa	to be invented	surface_average_sea_surface_temperature	K	point							x	i	x	i			1D
24	sosa	to be invented	surface_average_sea_surface_salinity	psu	point							x	i	x	i			1D
25	zosa	to be invented	surface_average_sea_surface_height	m	mean							x		x				1D, MED only : surface average East of Gibraltar
26	zosw	to be invented	surface_average_sea_surface_height_at_the_western_boundary	m	mean							x		x				1D, MED only : surface average West of Gibraltar
27	gibfx	to be invented	gibraltar_net_water_flux	m³/s	mean							x		x				east
28	gibfxin	to be invented	gibraltar_net_water_flux_in	m³/s	mean							x		x				east
29	gibhf	to be invented	gibraltar_heat_flux	W/m²	mean							x		x				east
30	gibhfin	to be invented	gibraltar_heat_flux_in	W/m²	mean							x		x				east
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in = instantaneous  
 sa = sample hours  
 av = averaged

required  
 if available

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**T2:****3-hourly output (3hr)**

05/04/11

#	output variable name	long_name	standard_name	units	cell_methods: time:	Tier 2			positive	Variable comment:
						3hr	in	av		
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in = instantaneous  
 sa = sample hours  
 av = averaged

required  
 if available

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#	output variable name	long_name	standard_name	units	cell_methods: time:	Tier 1			Variable comment: from T1: Daily averages output table of archive design doc
						day	in	sa	
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#	output variable name	long_name	standard_name	units	cell_methods: time:	Core			Variable comment: from T1: Daily averages output table of archive design doc
						mon	in	sa	
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required  
 if available

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