

#	output variable name	long_name	standard_name	units	cell_method s: time:	Tier 2			Tier 1			Core			positive	Variable comment	
						1hr	in	av	day	in	av	day	in	sa			mon
1	thetao	Sea Water Potential Temperature	sea_water_potential_temperature	K	point												3D
2	so	Sea Water Salinity	sea_water_salinity	psu	point												3D
3	uo	Sea Water X Velocity	sea_water_x_velocity	m/s	point											east	3D
4	vo	Sea Water Y Velocity	sea_water_y_velocity	m/s	point											north	3D
5	wo	Sea Water Upward Velocity	sea_water_z_velocity	m/s	point											up	3D
6	zos	Sea Surface Height Above Geoid	sea_surface_height_above_geoid	m	mean												2D
7	tos	Sea Surface Temperature	sea_surface_temperature	K	point	x	i										2D
8	sos	Sea Surface Salinity	sea_surface_salinity	psu	point												2D
9	m1otst	Ocean Mixed Layer Thickness Defined by Sigma T	ocean_mixed_layer_thickness_defined_by_sigma_t	m	mean												2D: for Med-CORDEX: Use a criteria of 0.011 or 0.01 kg/m ³ with a 10m reference
10	hfds	Downward Heat Flux at the Sea Water Surface	surface_downward_heat_flux_in_sea_water	W/m ²	mean											down	2D: This is the net flux of heat entering the liquid water column through its upper surface (excluding any
11	hfcorr	Heat Flux Correction	heat_flux_correction	W/m ²	mean											down	2D: if this does not vary from one year to the next, report only a single year. Positive indicates correct
12	rsntds	Net Downward Shortwave Radiation at Sea Water Surface	net_downward_shortwave_flux_at_sea_water_surface	W/m ²	mean											down	2D : This is the flux into the surface of liquid sea water only. This excludes shortwave flux absorbed by sea ice, but includes any light that passes through the ice and is absorbed by the ocean
13	tauuo	Surface Downward X Stress	surface_downward_x_stress	N/m ²	mean											east	2D
14	tauvo	Surface Downward Y Stress	surface_downward_y_stress	N/m ²	mean											north	2D
15	wfo	Water Flux into Sea Water	water_flux_into_sea_water	kg/m ² /s	mean											down	2D : P+R+E+corrections
16	wfonorunoffnocorr	Water Flux into Sea Water Without Flux Correction Without Runoff Flux	water_flux_into_sea_water_without_runoff_without_flux_correction	kg/m ² /s	mean											down	2D : no runoff, no corrections
17	wfonocorr	Water Flux into Sea Water Without Flux Correction	water_flux_into_sea_water_without_flux_correction	kg/m ² /s	mean											down	2D : Including runoff, without corrections
18	tsa	to be invented	surface_temperature_from_atmospheric_model	°C	point												2D : useful for bulk forcing
19	wfoa	to be invented	surface_average_water_flux_into_sea_water	Kg/m ² /s	mean											down	1D : P+R+E+corrections
20	hfla	to be invented	surface_average_surface_heat_flux	W/m ²	mean											down	1D : SW+LW+SH+LH + corrections
21	thetaoa	to be invented	volume_average_sea_water_potential_temperature	K	point												1D
22	soa	to be invented	volume_average_sea_water_salinity	psu	point												1D
23	tosa	to be invented	surface_average_sea_surface_temperature	K	point												1D
24	sosa	to be invented	surface_average_sea_surface_salinity	psu	point												1D
25	zosa	to be invented	surface_average_sea_surface_height	m	mean												1D, MED only : surface average East of Gibraltar
26	zosw	to be invented	surface_average_sea_surface_height_at_the_western_boundary	m	mean												1D, MED only : surface average West of Gibraltar
27	gibfx	to be invented	gibraltar_net_water_flux	m ³ /s	mean											east	1D, MED only : net
28	gibfxin	to be invented	gibraltar_net_water_flux_in	m ³ /s	mean											east	1D, MED only : x_velocity >0
29	gibhf	to be invented	gibraltar_heat_flux	W/m ²	mean											east	1D, MED only : net
30	gibhfin	to be invented	gibraltar_heat_flux_in	W/m ²	mean											east	1D, MED only : heat flux >0
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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			posi- tive	Variable comment:
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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			positive	Variable comment: from T1: Daily averages output table of archive design doc
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in = instantaneous
 sa = sample hours
 av = averaged

required
 if available

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Core: monthly output (mon)

#	output variable name	long_name	standard_name	units	cell_methods: time:	Core			positive	Variable comment: from T1: Daily averages output table of archive design doc
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in = instantaneous
 sa = sample hours
 av = averaged

required
 if available

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