

Copernicus Marine Service Catalogue

GLOBAL - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	001_024	SIAGE SIUV UV MLD SIALB IST SIT SSH VSDXY T bottom T S SNOW	0.083° - 0.083° - 9 km; 50 levels	[2021-11-30; ongoing]	Hm + Dm + Mm	D + M	SL + SIC and/or SIT + ITSP + SST
MODEL	MY	001_030	SIUV UV MLD SIT SSH T bottom T S	0.083° - 0.083° - 9 km; 50 levels	[1993-01-01; 2023-04-30]	Dm + Mm	Y + M	ITSP + SIC and/or SIT + SST + SL
MODEL	MY	001_031	UV MLD SIT SSH T S	0.25° - 0.25° - 28 km; 75 levels	[1993-01-01; 2020-12-15]	Dm + Mm	Y	SIC and/or SIT + SL + ITSP + SST
INSITU	NRT	013_002	ST	0.5° - undefined° - 56 km; 152 levels	[2015-01-15; ongoing]	Mm	M	Level 4, Grid
INSITU	NRT	013_030	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
INSITU	NRT	013_048	UVT	discrete	[1997-01-01; ongoing]	INS + Hm	TwiceY	Level 2, Trajectory, Point, Grid
INSITU	MY	013_001	ST	discrete	[1950-01-01; 2021-12-31]	INS	TwiceY	Level 2, Profile, Trajectory, Point
INSITU	MY	013_044	UVT	discrete	[1990-01-01; 2022-10-30]	INS	TwiceY	Level 2, Trajectory, Point, Grid
INSITU	MY	013_045	MWT SWH	discrete	[1990-01-01; 2022-10-30]	INS	TwiceY	Level 2, Point

Copernicus Marine Service Catalogue

GLOBAL - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
INSITU	MY	013_046	CHL NO3 PO4 SI O2	discrete	[1990-01-01; 2021-12-31]	INS	Y	Level 2, Profile, Trajectory, Point
INSITU	MY	013_050	DIC ALK PH	discrete	[1957-10-22; 2022-01-01]	INS	IRR + Y	Level 3, Trajectory, Grid, Profile, Point
INSITU	MY	013_052	ST	0.5° - undefined° - 56 km; 152 levels	[1960-01-01; ongoing]	Mm	TwiceY	Level 4, Grid
INSITU	MY	013_053		0.5° - undefined° - 56 km; 152 levels	[1990-01-01; 2020-12-31]	INS + Hm	TwiceY	Level 2, Point
INSITU	MY	015_008	PH SPCO2	1° - 1° - 111 km; 1 level (surface)	[1985-01-15; 2021-12-15]	Mm	Y	None
SATELLITE	NRT	008_044	SSH	7° - 7° - 778 km; 1 level (surface)	[2022-01-01; 2020-12-31]	INS	D + N/A	Level 3, Swath
SATELLITE	NRT	008_046	SSH UV	0.25° - 0.25° - 28 km; 1 level (surface)	[2022-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_001	SST	0.05° - 0.05° - 6 km; 1 level (surface)	[2007-01-01; ongoing]	Dm + Mm	D	Level 4, Grid
SATELLITE	NRT	010_010	SST	0.1° - 0.1° - 11 km; 1 level (surface)	[2021-01-01; ongoing]	Dm	D	Level 3, Grid

Copernicus Marine Service Catalogue

GLOBAL - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	NRT	011_001	SITYPE SIUV	10° - 10° - 1112 km; 1 level (surface)	[2019-05-04; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	011_006	SIUV	10° - 10° - 1112 km; 1 level (surface)	[2019-05-04; ongoing]	IRR	Cont	Level 4, Grid
SATELLITE	NRT	011_012		1° - 1° - 111 km; 1 level (surface)	[2023-02-02; ongoing]	IRR	D	Level 3, Grid
SATELLITE	NRT	012_002	WIND	0.125° - 0.125° - 14 km; 1 level (surface)	[2016-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	014_001	SWH WIND	7° - 7° - 778 km; 1 level (surface)	[2023-08-01; ongoing]	INS	Cont	Level 3, Swath
SATELLITE	NRT	014_003	SWH	2° - 2° - 222 km; 1 level (surface)	[2019-06-26; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	014_004	VMDR MWT SWH	1° - 1° - 111 km; 1 level (surface)	[2021-11-01; ongoing]	Hm	D	Level 4, Grid
SATELLITE	-	008_033	SSH	0.25° - 0.25° - 28 km; 1 level (surface)	[1992-10-23; ongoing]	Y	N/A	Level 4, Grid
SATELLITE	MY	008_047	SSH UV	0.25° - 0.25° - 28 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm + Mm	IRR + Y	Level 4, Grid

Copernicus Marine Service Catalogue

GLOBAL - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	MY	008_057	SSH UV	0.25° - 0.25° - 28 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm	IRR + Y	Level 4, Grid
SATELLITE	MY	008_062	SSH	7° - 7° - 778 km; 1 level (surface)	[1992-10-03; 2020-12-31]	INS	IRR + Y	Level 3, Swath
SATELLITE	MY	008_063	SSH	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; ongoing]	Y	IRR + Y	Level 4, Grid
SATELLITE	MY	010_011	SST	0.05° - 0.05° - 6 km; 1 level (surface)	[1981-10-01; 2022-05-31]	Dm	N/A	Level 4, Grid
SATELLITE	MY	010_024	T	0.05° - 0.05° - 6 km; 1 level (surface)	[1981-09-01; 2022-10-31]	Dm	N/A	Level 4, Grid
SATELLITE	MY	011_009		25° - 25° - 2779 km; 1 level (surface)	[1979-01-01; ongoing]	Dm	D + Y	Level 4, Grid
SATELLITE	MY	011_013	SIT	1° - 1° - 111 km; 1 level (surface)	[2002-10-01; 2015-04-01]	Mm	Y	Level 3, Grid
SATELLITE	MY	011_018	SIUV	31.25° - 31.25° - 3474 km; 1 level (surface)	[2003-04-01; ongoing]	Dm	M	Level 3, Grid
SATELLITE	MY	011_020	SIUV	10° - 10° - 1112 km; 1 level (surface)	[2014-10-05; ongoing]	Dm	Y	Level 4, Grid

Copernicus Marine Service Catalogue

GLOBAL - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	MY	012_003	WIND	0.25° - 0.25° - 28 km; 1 level (surface)	[1992-05-16; ongoing]	Mm	M	Level 4, Grid
SATELLITE	MY	012_005	WIND	0.125° - 0.125° - 14 km; 1 level (surface)	[1991-08-01; ongoing]	Dm	M	Level 3, Grid
SATELLITE	MY	014_005	SWH	7° - 7° - 778 km; 1 level (surface)	[2002-01-15; 2020-12-31]	INS	N/A	Level 3, Swath
SATELLITE	MY	014_006	VMDR MWT SWH	discrete	[2016-04-14; 2020-12-31]	INS	N/A	Level 3, Swath, Trajectory
SATELLITE	MY	014_007	SWH	2° - 2° - 222 km; 1 level (surface)	[2002-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE/INSITU	NRT	012_004	WIND	0.125° - 0.125° - 14 km; 1 level (surface)	[2020-07-05; ongoing]	Hm	D	Level 4, Grid
SATELLITE/INSITU	NRT	015_003	UV	0.25° - 0.25° - 28 km; 2 levels	[1993-01-01; ongoing]	Hm + Dm + Mm	D + TwiceY	None
SATELLITE/INSITU	NRT	015_012	UV MLD ST	0.25° - 0.25° - 28 km; 50 levels	[1993-01-01; ongoing]	Wm + Mm	Y + M + W	None
SATELLITE/INSITU	NRT	015_013	SSD S	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; ongoing]	Dm + Mm	W + M + Y	None

Copernicus Marine Service Catalogue

GLOBAL - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE/INSITU	NRT	015_014	S	0.25° - 0.25° - 28 km; 1 level (surface)	[2010-01-01; ongoing]	Dm	D	None
SATELLITE/INSITU	MY	012_006	WIND	0.125° - 0.125° - 14 km; 1 level (surface)	[1999-08-01; ongoing]	Hm	M	Level 4, Grid
SATELLITE/INSITU	MY	015_007	UV	0.25° - 0.25° - 28 km; 75 levels	[1993-01-01; 2018-12-31]	Wm	Y	Level 4, Grid
SATELLITE/INSITU	MY	015_015	SSD S SST T	0.25° - 0.25° - 28 km; 1 level (surface)	[2010-12-01; ongoing]	Wm	TwiceY	None

Copernicus Marine Service Catalogue

GLOBAL - WAVE

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	001_027	SIAGE SIUV UV MLD SIALB IST SIT SSH VSDXY T bottom T S NOW	0.083° - 0.083° - 9 km; 1 level (surface)	[2021-11-30; ongoing]	Hm	D	Level 4, Grid
MODEL	MY	001_032	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.2° - 0.2° - 22 km; 1 level (surface)	[1993-01-01; 2023-04-30]	Hm + Mm	M	Level 4, Grid
INSITU	NRT	013_030	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
INSITU	MY	013_045	MWT SWH	discrete	[1990-01-01; 2022-10-30]	INS	TwiceY	Level 2, Point
INSITU	MY	015_008	PH SPCO2	1° - 1° - 111 km; 1 level (surface)	[1985-01-15; 2021-12-15]	Mm	Y	None
SATELLITE	NRT	014_002	VMDR MWT SWH	discrete	[2018-05-28; ongoing]	Hm + INS	D + IRR	Level 3, Swath, Trajectory

Copernicus Marine Service Catalogue

GLOBAL - BGC

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	001_028	CHL DIC FE O2 NO3 PO4 PHYC SI PP ALK PH SPCO2 KD	0.25° - 0.25° - 28 km; 50 levels	[2021-11-30; ongoing]	Dm + Mm	D + M	CHL
MODEL	MY	001_029	CHL FE O2 NO3 PO4 PHYC SI PP PH SPCO2	0.25° - 0.25° - 28 km; 75 levels	[1993-01-01; 2021-12-31]	Dm + Mm	Y + M	None
MODEL	MY	001_033	UV ZEU MNKC ZOOC PP T	0.083° - 0.083° - 9 km; 3 levels	[1998-01-01; 2022-12-31]	Dm	Y	Level 4, Grid
INSITU	NRT	013_030	UV CHL O2 VMDR MWT SWH S T SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
INSITU	NRT	015_009	NO3 O2 PO4 SI PH S T	discrete	[2002-09-01; 2022-08-31]	INS	Y	None
INSITU	MY	013_046	CHL NO3 PO4 SI O2	discrete	[1990-01-01; 2021-12-31]	INS	Y	Level 2, Profile, Trajectory, Point
INSITU	MY	013_050	DIC ALK PH	discrete	[1957-10-22; 2022-01-01]	INS	IRR + Y	Level 3, Trajectory, Grid, Profile, Point
INSITU	MY	015_008	PH SPCO2	1° - 1° - 111 km; 1 level (surface)	[1985-01-15; 2021-12-15]	Mm	Y	None
SATELLITE	NRT	009_101	CHL SPM APHY KD BBP	4° - 4° - 445 km; 1 level (surface)	[2023-04-10; ongoing]	Dm	D	Level 3, Grid

Copernicus Marine Service Catalogue

GLOBAL - BGC

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	NRT	009_102	CHL SPM PP APHY KD BBP	4° - 4° - 445 km; 1 level (surface)	[2023-04-10; ongoing]	Mm + Dm	D + M	Level 4, Grid
SATELLITE	MY	009_103	CHL SPM APHY KD BBP	4° - 4° - 445 km; 1 level (surface)	[1997-04-09; ongoing]	Dm	D	Level 3, Grid
SATELLITE	MY	009_104	CHL SPM APHY KD BBP	4° - 4° - 445 km; 1 level (surface)	[1997-09-01; ongoing]	Dm + Mm	M + D	Level 4, Grid
SATELLITE	MY	009_107	CHL	4° - 4° - 445 km; 1 level (surface)	[1997-09-04; ongoing]	Dm	IRR	Level 3, Grid
SATELLITE	MY	009_108	CHL	4° - 4° - 445 km; 1 level (surface)	[1997-09-04; ongoing]	Mm	IRR	Level 4, Grid
SATELLITE/INSITU	MY	015_010	CHL POC BBP	0.25° - 0.25° - 28 km; 36 levels	[1998-01-01; ongoing]	Wm + Y	Y	None

Copernicus Marine Service Catalogue

ARCTIC - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	002_001	SIAGE MLD SIALB SIT SIUV T bottomT S UV SNOW	6.25° - 6.25° - 695 km; 40 levels	[2021-11-30; ongoing]	Hm + Dm + Mm	D + M	SIC and/or SIT + SL + ITSP + SST
MODEL	NRT	002_011	SITYPE SIT SIUV	3° - 3° - 334 km; 1 level (surface)	[2019-11-01; ongoing]	Hm + Mm	D + M	SIC and/or SIT
MODEL	NRT	002_015	UV	3° - 3° - 334 km; 1 level (surface)	[2017-12-19; ongoing]	sub-hourly	D	Level 4, Grid
MODEL	MY	002_003	MLD SIT SIUV T bottomT S SNOW UV	12.5° - 12.5° - 1390 km; 40 levels	[1991-01-01; 2021-12-31]	Mm + Dm + Y	TwiceY	SST + SL + SIC and/or SIT + ITSP
INSITU	NRT	013_031	UV CHL O2 VMDR MWT SWH S T SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Profile, Point, Trajectory
SATELLITE	NRT	008_059	SSH	7° - 7° - 778 km; 1 level (surface)	[2022-01-01; ongoing]	INS	D	Level 3, Swath
SATELLITE	NRT	008_060	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[2022-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	011_002		1° - 1° - 111 km; 1 level (surface)	[2019-05-04; ongoing]	Dm + IRR	D + TwiceW	Level 4, Grid
SATELLITE	NRT	011_007	ICBG	10° - 10° - 1112 km; 1 level (surface)	[2019-05-04; ongoing]	IRR + Wm	IRR + D	Level 4, Grid, Point

Copernicus Marine Service Catalogue

ARCTIC - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	NRT	011_008	IST SST	0.05° - 0.05° - 6 km; 1 level (surface)	[2019-05-04; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	011_014	SIT	25° - 25° - 2779 km; 1 level (surface)	[2019-10-31; ongoing]	Wm	D	Level 3, Grid
SATELLITE	NRT	011_015	SITYPE	1° - 1° - 111 km; 1 level (surface)	[2020-12-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	011_017		0.04° - 0.04° - 4 km; 1 level (surface)	[2021-04-27; ongoing]	Hm	D	Level 3, Grid
SATELLITE	MY	008_061	SSH	7° - 7° - 778 km; 1 level (surface)	[1992-10-03; 2020-12-31]	INS	IRR + Y	Level 3, Swath
SATELLITE	MY	008_068	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm	IRR + Y	Level 4, Grid
SATELLITE	MY	011_010	SIUV SIT	62.5° - 62.5° - 6949 km; 1 level (surface)	[1992-10-01; ongoing]	Wm + Mm + Dm	M	Level 3, Grid
SATELLITE	MY	011_016	IST SST	0.05° - 0.05° - 6 km; 1 level (surface)	[1982-01-01; 2022-05-31]	Dm	Y	Level 4, Grid
SATELLITE	MY	011_021	IST SST	0.05° - 0.05° - 6 km; 1 level (surface)	[1982-01-01; 2021-05-31]	Dm	Y	Level 3, Grid

Copernicus Marine Service Catalogue

ARCTIC - WAVE

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	002_014	SW1 MWT SW2 VMDR SWH VSDXY WIND	3° - 3° - 334 km; 1 level (surface)	[2017-12-03; ongoing]	Hm	D	Level 4, Grid
MODEL	MY	002_013	SIT SW1 MWT SW2 VMDR SWH VSDXY WIND	3° - 3° - 334 km; 1 level (surface)	[1980-01-01; 2022-11-30]	Hm + Y	TwiceY	Level 4, Grid
INSITU	NRT	013_031	UV CHL O2 VMDR MWT SWH S T SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Profile, Point, Trajectory

Copernicus Marine Service Catalogue

ARCTIC - BGC

PRODUCTS			CHARACTERISTICS						
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level	
MODEL	NRT	002_004	CHL DIC O2 NO3 PO4 PHYC SI ZOOC PP PH POC SPCO2 KD	6.25° - 6.25° - 695 km; 40 levels	[2019-05-04; ongoing]	Dm + Mm	D + M	CHL	
MODEL	MY	002_005	CHL O2 NO3 PO4 PHYC SI ZOOC KD	25° - 25° - 2779 km; 40 levels	[2007-01-01; 2021-12-31]	Mm + Dm + Y	Y	CHL + NUTS	
INSITU	NRT	013_031	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Profile, Point, Trajectory	
SATELLITE	NRT	009_121	CHL KD	0.3° - 0.3° - 33 km; 1 level (surface)	[2023-04-10; ongoing]	Dm	D	Level 3, Grid	
SATELLITE	NRT	009_122	CHL KD	0.3° - 0.3° - 33 km; 1 level (surface)	[2023-04-10; ongoing]	Mm	M	Level 4, Grid	
SATELLITE	NRT	009_201	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Dm	D	Level 3, Grid	
SATELLITE	NRT	009_207	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Mm + Dm	M + SEAS	Level 4, Grid	
SATELLITE	MY	009_123	CHL	4° - 4° - 445 km; 1 level (surface)	[1997-09-04; ongoing]	Dm	IRR + D	Level 3, Grid	
SATELLITE	MY	009_124	CHL	4° - 4° - 445 km; 1 level (surface)	[1997-09-04; ongoing]	Mm + Y	IRR + M	Level 4, Grid	

Copernicus Marine Service Catalogue

BALTIC - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	003_006	UV MLD SIT SSH T bottomT S	2° - 2° - 222 km; 56 levels	[2021-11-30; ongoing]	Hm + Dm + Mm + sub-hourly	D + M	SST + t + s
MODEL	MY	003_011	UV MLD SIT SSH T bottomT S	2° - 2° - 222 km; 56 levels	[1993-01-01; ongoing]	Dm + Mm + Y	TwiceY	SST + ITSP
INSITU	NRT	013_032	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Profile, Trajectory, Point
SATELLITE	NRT	008_059	SSH	7° - 7° - 778 km; 1 level (surface)	[2022-01-01; ongoing]	INS	D	Level 3, Swath
SATELLITE	NRT	008_060	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[2022-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_032	SST	0.02° - 0.02° - 2 km; 1 level (surface)	[2019-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	010_034	SST	0.02° - 0.02° - 2 km; 1 level (surface)	[2022-05-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	011_004	SIT	1° - 1° - 111 km; 1 level (surface)	[2019-05-04; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	011_011	SIT SIUV	0.5° - 0.5° - 56 km; 1 level (surface)	[2019-05-04; ongoing]	IRR + Dm	D	Level 4, Grid

Copernicus Marine Service Catalogue

BALTIC - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	NRT	010_007_b	SST	0.02° - 0.02° - 2 km; 1 level (surface)	[2016-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	MY	008_061	SSH	7° - 7° - 778 km; 1 level (surface)	[1992-10-03; 2020-12-31]	INS	IRR + Y	Level 3, Swath
SATELLITE	MY	008_068	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm	IRR + Y	Level 4, Grid
SATELLITE	MY	010_016	SST	0.02° - 0.02° - 2 km; 1 level (surface)	[1982-01-01; ongoing]	Dm	TwiceY	Level 4, Grid
SATELLITE	MY	010_040	SST	0.02° - 0.02° - 2 km; 1 level (surface)	[1982-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	MY	011_019	SITYPE SIT	1° - 1° - 111 km; 1 level (surface)	[1981-12-01; 2023-05-28]	Dm	Y	Level 4, Grid

Copernicus Marine Service Catalogue

BALTIC - WAVE

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	003_010	SW1 MWT SW2 VMDR SWH VSDXY WIND	2° - 2° - 222 km; 1 level (surface)	[2021-11-30; ongoing]	Hm	D	None
MODEL	MY	003_015	MWT SWH	2° - 2° - 222 km; 1 level (surface)	[1993-01-01; 2022-12-31]	Hm + Y	IRR	Level 4, Grid
INSITU	NRT	013_032	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Profile, Trajectory, Point

Copernicus Marine Service Catalogue

BALTIC - BGC

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	003_007	CHL NH4 DIC O2 NO3 PO4 PHYC SI ZOO C PP PH SPCO2 KD	2° - 2° - 222 km; 56 levels	[2019-05-04; ongoing]	Dm + Mm	D + M	None
MODEL	MY	003_012	CHL NH4 O2 NO3 PO4 PH SPCO2	2° - 2° - 222 km; 56 levels	[1993-01-01; ongoing]	Dm + Mm + Y	TwiceY	None
INSITU	NRT	013_032	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Profile, Trajectory, Point
SATELLITE	NRT	009_131	CHL APHY KD BBP	0.3° - 0.3° - 33 km; 1 level (surface)	[2023-04-10; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_132	CHL	0.3° - 0.3° - 33 km; 1 level (surface)	[2023-04-10; ongoing]	Mm	M	Level 4, Grid
SATELLITE	NRT	009_202	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_208	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Mm + Dm	M + SEAS	Level 4, Grid
SATELLITE	MY	009_133	CHL KD	1° - 1° - 111 km; 1 level (surface)	[1997-09-04; ongoing]	Dm	IRR	Level 3, Grid
SATELLITE	MY	009_134	CHL	1° - 1° - 111 km; 1 level (surface)	[1997-09-04; ongoing]	Mm	IRR	Level 4, Grid

Copernicus Marine Service Catalogue

European North West Shelf Seas - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	004_013	UV MLD SSH T bottomT S	0.03° - 0.014° - 3 km; 33 levels	[2019-05-04; ongoing]	Hm + Dm + sub-hourly	D	SL + ITSP + SST
MODEL	MY	004_009	UV MLD SSH T bottomT S	0.067° - 0.111° - 7 km; 24 levels	[1993-01-01; ongoing]	Dm + Mm + Hm	M + TwiceY	ITSP + SST
INSITU	NRT	013_036	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
SATELLITE	NRT	008_059	SSH	7° - 7° - 778 km; 1 level (surface)	[2022-01-01; ongoing]	INS	D	Level 3, Swath
SATELLITE	NRT	008_060	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[2022-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_025	SST	0.02° - 0.02° - 2 km; 1 level (surface)	[2018-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_037	T SST	0.02° - 0.02° - 2 km; 1 level (surface)	[2021-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	MY	008_061	SSH	7° - 7° - 778 km; 1 level (surface)	[1992-10-03; 2020-12-31]	INS	IRR + Y	Level 3, Swath
SATELLITE	MY	008_068	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm	IRR + Y	Level 4, Grid

Copernicus Marine Service Catalogue

European North West Shelf Seas - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	MY	010_026	SST	0.05° - 0.05° - 6 km; 1 level (surface)	[1982-01-01; ongoing]	Dm	Y	Level 4, Grid
SATELLITE	MY	010_038	T	0.05° - 0.05° - 6 km; 1 level (surface)	[1982-01-01; ongoing]	Dm	D	Level 3, Grid

Copernicus Marine Service Catalogue

European North West Shelf Seas - WAVE

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	004_014	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.03° - 0.014° - 3 km; 1 level (surface)	[2019-05-04; ongoing]	Hm	D	None
MODEL	MY	004_015	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.0303° - 0.0135° - 3 km; 1 level (surface)	[1980-01-01; ongoing]	Hm	TwiceY	None
INSITU	NRT	013_036	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
INSITU	-	-	SWH	discrete	[2000-01-01; 2020-12-31]		Y	undefined, Grid

Copernicus Marine Service Catalogue

European North West Shelf Seas - BGC

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	004_002	CHL O2 NO3 PO4 PHYC PP PH SPCO2 KD	0.027° - 0.027° - 3 km; 50 levels	[2021-11-30; ongoing]	Dm + Mm	W + M	None
MODEL	MY	004_011	CHL O2 NO3 PO4 PHYC PP PH SPCO2 KD	0.067° - 0.111° - 7 km; 24 levels	[1993-01-01; ongoing]	Dm + Mm	M + TwiceY	CHL
INSITU	NRT	013_036	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
SATELLITE	NRT	009_111	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_116	CHL	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm + Mm	D + M	Level 4, Grid
SATELLITE	NRT	009_203	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_209	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Mm + Dm	M + SEAS	Level 4, Grid
SATELLITE	MY	009_113	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[1997-09-04; ongoing]	Dm	IRR	Level 3, Grid
SATELLITE	MY	009_118	CHL	1° - 1° - 111 km; 1 level (surface)	[1997-09-01; ongoing]	Dm + Mm	D + M	Level 4, Grid

Copernicus Marine Service Catalogue

Iberia Biscay Ireland Reginal Seas - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	005_001	UV MLD SSH T bottomT S	0.028° - 0.028° - 3 km; 50 levels	[2019-05-04; ongoing]	Hm + Dm + Mm + sub-hourly	D + M	SST + ITSP + SL
MODEL	MY	005_002	UV MLD SSH T S	0.083° - 0.083° - 9 km; 50 levels	[1993-01-01; ongoing]	Hm + Dm + Mm + Y + Y	Y	ITSP + SL + SST
INSITU	NRT	013_033	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
SATELLITE	NRT	008_059	SSH	7° - 7° - 778 km; 1 level (surface)	[2022-01-01; ongoing]	INS	D	Level 3, Swath
SATELLITE	NRT	008_060	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[2022-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_025	SST	0.02° - 0.02° - 2 km; 1 level (surface)	[2018-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_037	T SST	0.02° - 0.02° - 2 km; 1 level (surface)	[2021-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	MY	008_061	SSH	7° - 7° - 778 km; 1 level (surface)	[1992-10-03; 2020-12-31]	INS	IRR + Y	Level 3, Swath
SATELLITE	MY	008_068	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm	IRR + Y	Level 4, Grid

Copernicus Marine Service Catalogue

Iberia Biscay Ireland Reginal Seas - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	MY	010_026	SST	0.05° - 0.05° - 6 km; 1 level (surface)	[1982-01-01; ongoing]	Dm	Y	Level 4, Grid
SATELLITE	MY	010_038	T	0.05° - 0.05° - 6 km; 1 level (surface)	[1982-01-01; ongoing]	Dm	D	Level 3, Grid

Copernicus Marine Service Catalogue

Iberia Biscay Ireland Reginal Seas - WAVE

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	005_005	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.05° - 0.05° - 6 km; 1 level (surface)	[2021-11-30; ongoing]	Hm	D	wave spectra
MODEL	MY	005_006	SW1 MWT SW2 VMDR SWH VSDXY	0.027° - 0.027° - 3 km; 1 level (surface)	[1993-01-01; 2022-12-30]	Hm + Y	Y	Level 4, Grid
INSITU	NRT	013_033	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
INSITU	-	-	SWH	discrete	[2000-01-01; 2020-12-31]		Y	undefined, Grid

Copernicus Marine Service Catalogue

Iberia Biscay Ireland Reginal Seas - BGC

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	005_004	ZEU CHL NH4 DIC FE O2 NO3 PO4 PHYC SI ZOC PP PH SPCO2	0.028° - 0.028° - 3 km; 50 levels	[2019-05-04; ongoing]	Dm + Mm	W + M	None
MODEL	MY	005_003	ZEU CHL NH4 DIC FE O2 NO3 PO4 PHYC SI PP PH SPCO2	0.083° - 0.083° - 9 km; 50 levels	[1993-01-01; 2022-11-30]	Dm + Mm + Y + Y	Y	None
INSITU	NRT	013_033	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
SATELLITE	NRT	009_111	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_116	CHL	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm + Mm	D + M	Level 4, Grid
SATELLITE	NRT	009_204	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_210	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Mm + Dm	M + SEAS	Level 4, Grid
SATELLITE	MY	009_113	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[1997-09-04; ongoing]	Dm	IRR	Level 3, Grid
SATELLITE	MY	009_118	CHL	1° - 1° - 111 km; 1 level (surface)	[1997-09-01; ongoing]	Dm + Mm	D + M	Level 4, Grid

Copernicus Marine Service Catalogue

Mediterranean Sea - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	006_013	UV MLD SSH T bottomT S	0.042° - 0.042° - 5 km; 141 levels	[2021-11-30; ongoing]	Hm + Dm + Mm + sub-hourly	D + M	ITSP + SL + SST
MODEL	MY	006_004	UV MLD SSH T bottomT S	0.042° - 0.042° - 5 km; 141 levels	[1987-01-01; ongoing]	Dm + Mm + Hm + Y + Y	M + TwiceY + Y	SL + SST + ITSP
INSITU	NRT	013_035	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
SATELLITE	NRT	008_059	SSH	7° - 7° - 778 km; 1 level (surface)	[2022-01-01; ongoing]	INS	D	Level 3, Swath
SATELLITE	NRT	008_060	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[2022-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_004	SST	0.01° - 0.01° - 1 km; 1 level (surface)	[2008-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_012	T SST	0.01° - 0.01° - 1 km; 1 level (surface)	[2008-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	010_036	T	0.0625° - 0.0625° - 7 km; 1 level (surface)	[2019-01-01; ongoing]	Hm	D	Level 4, Grid
SATELLITE	MY	008_061	SSH	7° - 7° - 778 km; 1 level (surface)	[1992-10-03; 2020-12-31]	INS	IRR + Y	Level 3, Swath

Copernicus Marine Service Catalogue

Mediterranean Sea - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	MY	008_066	SSH	0.0417° - 0.0417° - 5 km; 1 level (surface)	[1993-01-01; ongoing]	Y	IRR + Y	Level 4, Grid
SATELLITE	MY	008_068	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm	IRR + Y	Level 4, Grid
SATELLITE	MY	010_021	SST	0.05° - 0.05° - 6 km; 1 level (surface)	[1982-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	MY	010_042		0.05° - 0.05° - 6 km; 1 level (surface)	[1981-08-25; ongoing]	Dm	D	Level 3, Grid

Copernicus Marine Service Catalogue

Mediterranean Sea - WAVE

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	006_017	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.042° - 0.042° - 5 km; 1 level (surface)	[2021-11-30; ongoing]	Hm	D	Level 4, Grid
MODEL	MY	006_012	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.042° - 0.042° - 5 km; 1 level (surface)	[1993-01-01; ongoing]	Hm + Y	TwiceY + M	Level 4, Grid
INSITU	NRT	013_035	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
INSITU	-	-	SWH	discrete	[2000-01-01; 2020-12-31]		Y	undefined, Grid

Copernicus Marine Service Catalogue

Mediterranean Sea - BGC

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	006_014	CHL NH4 DIC O2 NO3 PO4 PHYC SI ZOOC PP ALK PH SPCO2 KD	0.042° - 0.042° - 5 km; 125 levels	[2020-11-29; ongoing]	Dm + Mm	D + M	CHL + NUTS
MODEL	MY	006_008	CHL NH4 DIC O2 NO3 PO4 PHYC PP ALK PH SPCO2	0.042° - 0.042° - 5 km; 125 levels	[; ongoing]	Mm + Dm + Y + Y	TwiceY + M + Y	CHL
INSITU	NRT	013_035	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Profile, Point
SATELLITE	NRT	009_141	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_142	CHL KD	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm + Mm	D + M	Level 4, Grid
SATELLITE	NRT	009_205	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_211	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Mm + Dm	M + SEAS	Level 4, Grid
SATELLITE	MY	009_143	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[1997-09-04; ongoing]	Dm	IRR	Level 3, Grid
SATELLITE	MY	009_144	CHL	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm + Mm + Y	IRR	Level 4, Grid

Copernicus Marine Service Catalogue

Black Sea - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	007_001	UV MLD SSH T bottomT S	0.025° - 0.025° - 3 km; 121 levels	[2021-11-30; ongoing]	Hm + Dm + Mm + sub-hourly	D + M	SST + ITSP + SL
MODEL	MY	007_004	UV MLD SSH T bottomT S	0.025° - 0.025° - 3 km; 121 levels	[1980-01-01; ongoing]	Dm + Mm + Y + Y	M + TwiceY + Y	SL + ITSP
INSITU	NRT	013_034	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Point, Profile
SATELLITE	NRT	008_059	SSH	7° - 7° - 778 km; 1 level (surface)	[2022-01-01; ongoing]	INS	D	Level 3, Swath
SATELLITE	NRT	008_060	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[2022-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_006	SST	0.01° - 0.01° - 1 km; 1 level (surface)	[2008-01-01; ongoing]	Dm	D	Level 4, Grid
SATELLITE	NRT	010_013	T SST	0.01° - 0.01° - 1 km; 1 level (surface)	[2008-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	010_035	T	0.0625° - 0.0625° - 7 km; 1 level (surface)	[2020-01-01; ongoing]	Hm	D	Level 4, Grid
SATELLITE	MY	008_061	SSH	7° - 7° - 778 km; 1 level (surface)	[1992-10-03; 2020-12-31]	INS	IRR + Y	Level 3, Swath

Copernicus Marine Service Catalogue

Black Sea - PHY

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
SATELLITE	MY	008_067	SSH	0.0625° - 0.0625° - 7 km; 1 level (surface)	[1993-01-01; ongoing]	Y	N/A	Level 4, Grid
SATELLITE	MY	008_068	SSH UV	0.125° - 0.125° - 14 km; 1 level (surface)	[1993-01-01; 2020-12-31]	Dm	IRR + Y	Level 4, Grid
SATELLITE	MY	010_022	SST	0.05° - 0.05° - 6 km; 1 level (surface)	[1981-08-25; ongoing]	Dm	D	Level 4, Grid
SATELLITE	MY	010_041		0.05° - 0.05° - 6 km; 1 level (surface)	[1981-08-25; ongoing]	Dm	D	Level 4, Grid

Copernicus Marine Service Catalogue

Black Sea - WAVE

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	007_003	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.025° - 0.025° - 3 km; 1 level (surface)	[2021-11-30; ongoing]	Hm	D	wind speed
MODEL	MY	007_006	SW1 MWT SW2 VMDR SWH VSDXY WIND	0.025° - 0.025° - 3 km; 1 level (surface)	[1950-01-01; ongoing]	Hm + Y	M + Y	Level 4, Grid
INSITU	NRT	013_034	UV CHL O2 VMDR MWT SWH ST SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Point, Profile

Copernicus Marine Service Catalogue

Black Sea - BGC

PRODUCTS			CHARACTERISTICS					
Models / Observations	Type (NRT / MY)	References	Parameters	Horizontal And Vertical Resolutions	Temporal Coverage [Start Date; End Date]	Temporal Resolution	Update Frequency	Data Assimilated / Processing Level
MODEL	NRT	007_010	CHL DIC O2 NO3 PO4 PHYC PP ALK PH SPCO2 KD	0.025° - 0.025° - 3 km; 59 levels	[2021-11-30; ongoing]	Dm + Mm + Hm	D + M	CHL
MODEL	MY	007_005	CHL DIC O2 NO3 PO4 PHYC PP SSH ALK PH SPCO2	0.025° - 0.025° - 3 km; 59 levels	[1993-01-01; ongoing]	Dm + Mm + Y	M + TwiceY + Y	CHL
INSITU	NRT	013_034	UV CHL O2 VMDR MWT SWH S T SSH	discrete	[1990-01-01; ongoing]	INS	D	Level 2, Trajectory, Point, Profile
SATELLITE	NRT	009_151	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_152	CHL KD	1° - 1° - 111 km; 1 level (surface)	[2023-04-10; ongoing]	Dm + Mm	D + M	Level 4, Grid
SATELLITE	NRT	009_206	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Dm	D	Level 3, Grid
SATELLITE	NRT	009_212	CHL SPM TUR BBP	0.1° - 0.1° - 11 km; 1 level (surface)	[2020-01-01; ongoing]	Mm + Dm	M + SEAS	Level 4, Grid
SATELLITE	MY	009_153	CHL APHY KD BBP	1° - 1° - 111 km; 1 level (surface)	[1997-09-04; ongoing]	Dm	IRR	Level 3, Grid
SATELLITE	MY	009_154	CHL	1° - 1° - 111 km; 1 level (surface)	[1997-09-04; ongoing]	Dm + Mm + Y	IRR	Level 4, Grid

Copernicus Marine Service Catalogue

Acronyms Legend

ALK	Alkalinity
APHY	Absorption coefficient
BBP	Back scattering coefficient
bottomT	Bottom temperature
CDM	Absorption coefficient
CHL	Chlorophyll-a
DIC	Dissolved Inorganic Carbon
FCO2	fugacity of CO2
FE	Iron
FGCO2	Surface flux of CO2
ICBG	Iceberg
IST	Ice Surface Temperature
KD	Light attenuation
MLD	Mixed layer thickness
MNKC	micronekton
MWT	wave mean period
NH4	Ammonium
NO3	Nitrate
O2	Oxygen

PAR	Merged incoming photosynthetic active radiation
PFT	Phytoplankton Functional Types
PH	Acidity
PHYC	Phytoplankton
PO4	Phosphate
POC	Particulate Organic Matter
PP	Primary production
PSC	Phytoplankton Sizes Class Types
RRS	Reflectance
S	Salinity
SI	Silicate
SIAGE	Sea ice age
SIALB	Sea ice albedo
SIC	Sea ice concentration
SIE	Sea ice extend
SIT	Sea ice thickness
SIUV	Sea ice velocity
SNOW	Snow
SPCO2	surface partial pressure of CO2

SPM	Suspended matter
SSD	Sea surface density
SSH	Sea surface height
SST	Sea surface temperature
SW1	primary swell wave
SW2	secondary swell wave
SWH	wave significant height
T	Temperature
TUR	Turbidity
UV	Sea water velocity
UVB	Barotropic velocity
UVG	Geostrophic velocity
VMDR	wave mean direction
VSDXY	Stokes drift
W	Sea water velocity
WIND	WIND
WW	wind wave
ZEU	Euphotic zone depth
ZOOC	Zooplankton
SITYPE	Sea ice classification

Copernicus Marine Service Catalogue

Legend

TEMPORAL RESOLUTIONS	
INS	Instantaneous
IRR	Irregular
MINm	Minutes Mean
MINinst	Minutes Instantaneous
Hm	Hourly Mean
Hinst	Hourly Instantaneous
Dm	Daily Mean
Dinst	Daily Instantaneous
Dinterp	Daily Interpolated
Wm	Weekly Mean
Winst	Weekly Instantaneous
Mm	Monthly Mean
SEASm	Seasonal Mean
Y	Annual Mean
Y	Yearly Mean
Y	Pluri Annual Mean
Y	Pluri Annual Climatology Mean
Y	Multi-year

UPDATE FREQUENCIES	
Cont	Continual
H	Times Daily
D	Daily
W	Weekly
TwiceW	Twice Weekly
M	Monthly
TwiceM	Fortnightly
SEAS	Quarterly
Y	Annually
TwiceY	Biannually
IRR	Irregular
N/A	Not applicable

MODEL ASSIMILATIONS	
ITSP	In-Situ TS Profiles
NUTS	Nutrients (O2 N P)
CHL	Satellite Chlorophyll
SIC and/or SIT	Sea Ice Concentration and/or Thickness
SL	Sea Level
SWH	Sea Wave Height (SWH)
SST	SST
N/A	Not Applicable
None	None

COLOR CELLS		
MODEL	#22689b	#79b6e2
INSITU	#f06542	#f6b4a2
SATELLITE	#57b279	#abd8bc
SATELLITE/INSITU	#db57c3	#f3b9e8