



## Waterbase - Emissions, 2024

Waterbase is the generic name given to the EEA's databases on the status and quality of Europe's rivers, lakes, groundwater bodies and transitional, coastal and marine waters, on the quantity of Europe's water resources, and on the emissions to surface waters from point and diffuse sources of pollution.

### Simple

#### Identification info

<b>Date (Creation)</b>	2025-06-01T13:47:12+00:00				
<b>Date (Publication)</b>	T13:47:12+00:00				
<b>Edition</b>	01.00				
<b>Citation identifier</b>	eea_t_waterbase-emissions_p_1977-2023_v01_r00				
<b>Citation identifier</b>	DAT-105-en				
<b>Citation identifier</b>	waterbase-emissions-10				
<b>Point of contact</b>	<b>Organisation</b>	<b>Individual</b>	<b>Electronic mail address</b>	<b>Website</b>	<b>Role</b>
	European Environment Agency				Point of contact
	European Environment Agency			<a href="http://www.eea.europa.eu/organization">http://www.eea.europa.eu/organization</a>	Publisher
	European Environment Agency			<a href="http://www.eea.europa.eu">http://www.eea.europa.eu</a>	Processor
<b>Topic category</b>	<ul style="list-style-type: none"> <li>Environment</li> </ul>				
<b>Extent</b>					
<b>Temporal extent</b>					
<b>Time period</b>	1977-01-01 2023-12-31				
<b>Maintenance and update frequency</b>	Annually				
<b>Reporting obligations</b>	<ul style="list-style-type: none"> <li><a href="#">WISE SoE - Emissions (WISE-1)</a></li> </ul>				
<b>EEA Management Plan</b>	<ul style="list-style-type: none"> <li>2025 EEA/DATA/2025/042</li> </ul>				
<b>EEA topics</b>	<ul style="list-style-type: none"> <li><a href="#">Water</a></li> </ul>				
<b>Continents, countries, sea regions of the world.</b>	<ul style="list-style-type: none"> <li><a href="#">Kosovo (UNSCR 1244/99)</a></li> <li><a href="#">Czechia</a></li> <li><a href="#">Croatia</a></li> <li><a href="#">Finland</a></li> <li><a href="#">North Macedonia</a></li> <li><a href="#">France</a></li> <li><a href="#">Ireland</a></li> <li><a href="#">Sweden</a></li> <li><a href="#">Switzerland</a></li> <li><a href="#">Norway</a></li> <li><a href="#">Lithuania</a></li> </ul>				

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## Resource constraints

<b>Use limitation</b>	<p>Waterbase data is collected and published to produce comparable indicators of pressures, state and impacts on European waters. Waterbase is intended for a European-wide scale of analysis. It is not intended for assessing compliance with any European Directive or any other legal instrument. Information on the national and sub-national scales should be sought from other sources.</p> <p>By downloading Waterbase, you are accepting and agreeing to the EEA data policy ( <a href="http://www.eea.europa.eu/legal/eea-data-policy">http://www.eea.europa.eu/legal/eea-data-policy</a>).</p>
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## Resource constraints

<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">No limitations to public access</a>
<b>Language</b>	English

## Distribution Information

<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• Spatialite</li> <li>• ascii (.csv, .txt, .sql)</li> </ul>
<b>OnLine resource</b>	<a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_waterbase-emissions_p_1977-2023_v01_r00/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_waterbase-emissions_p_1977-2023_v01_r00/</a>
<b>OnLine resource</b>	<p><a href="#">Direct download</a></p> <p>The dataset contains time series of emissions of nutrients, organic matter and other chemical substances to water, reported by EEA member countries and cooperating countries. It also contains data on yearly riverine input loads to transitional, coastal and marine waters. The data have been compiled and processed by EEA. A list of spatial object identifiers with selected attributes, reported through WFD and WISE Spatial data reporting, is added to the dataset as spatial reference. Please refer to the metadata for additional information. Definition of the dataset</p>
<b>OnLine resource</b>	<a href="#">Dataset definition emissions</a>
<b>OnLine resource</b>	<a href="#">Dataset definition Riverine input loads</a>
<b>OnLine resource</b>	<a href="#">Dataset definition for spatial objects</a>

## Resource lineage

<b>Statement</b>	<p>The original data is available in the EIONET Central Data Repository.</p> <p>This Waterbase contains data on emissions of nutrients, organic matter and other chemical substances to water, from point sources (mostly from industrial and urban waste water treatment plants) and from diffuse sources (e.g. agriculture, atmospheric deposition, urban runoff not connected to collecting systems). It also contains data on yearly riverine input loads to transitional, coastal and marine waters. The data on emissions are reported as totals per river basin district sub-unit, river basin district or country. The riverine input loads are reported as totals per monitoring site. No data are available for the United Kingdom after Brexit.</p> <p>The data was delivered between 2009 and 2025 by EEA member countries and cooperating countries, in the scope of the current WISE SoE - Emissions (WISE-1) reporting obligation.</p>
<b>Hierarchy level</b>	Dataset

## Metadata

<b>Metadata identifier</b>	4643cf02-03b8-4064-9efa-19b9cd59e012								
<b>Language</b>	English								
<b>Character encoding</b>	UTF8								
<b>Contact</b>	<table><thead><tr><th><b>Organisation</b></th><th><b>Individual</b></th><th><b>Electronic mail address</b></th><th><b>Website Role</b></th></tr></thead><tbody><tr><td>European Environment Agency</td><td></td><td>sdi@eea.europa.eu</td><td>Point of contact</td></tr></tbody></table>	<b>Organisation</b>	<b>Individual</b>	<b>Electronic mail address</b>	<b>Website Role</b>	European Environment Agency		sdi@eea.europa.eu	Point of contact
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European Environment Agency		sdi@eea.europa.eu	Point of contact						

## Type of resource

<b>Resource type</b>	Non geographic dataset
<b>Name</b>	Tabular dataset
<b>Metadata linkage</b>	<a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/4643cf02-03b8-4064-9efa-19b9cd59e012">https://sdi.eea.europa.eu/catalogue/srv/api/records/4643cf02-03b8-4064-9efa-19b9cd59e012</a>
<b>Date info (Creation)</b>	2025-06-27T12:49:50.607011Z
<b>Date info (Revision)</b>	2025-10-09T10:48:00.481889Z

## Metadata standard

<b>Title</b>	ISO 19115-3:2018
<b>Edition</b>	1.0

## Overviews

spatialUnitIdentifier	spatialUnitIdentifierScheme	phenomenonReferenceCode	observedPropertyDeterminandCode	observedPropertyDeterminandLabel	parameterEmissionsSourceCategory	parameterPRTFacilities	resultEmissionsValue	resultEmissionsUom	procedureEmissionsMethod	resultObservationStatus	Remarks	metadata_versionId	metadata_beginLifeSpanVersion	metadata_statusCode	metadata_observationStatus	metadata_statements	UID
CH5003	eionetSubUnitCo	2010 CAS_14798-03-9	Ammonium	U2	both	348.2	t/a	measured				http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31741
CH5003	eionetSubUnitCo	2009 CAS_29122-68-7	Atenolol	U2	both	24.4	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31742
CH5003	eionetSubUnitCo	2009 CAS_95-14-7	Benzotriazol	U2	both	702.3	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31743
CH5003	eionetSubUnitCo	2009 CAS_41859-67-0	Betafibrate	U2	both	3.7	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31744
CH5003	eionetSubUnitCo	2009 CAS_333-41-5	Diazinon	U2	both	2.3	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31745
CH5003	eionetSubUnitCo	2009 CAS_7085-19-0	Mecoprop	U2	both	6.9	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31746
CH5003	eionetSubUnitCo	2009 CAS_136-85-6	Methylbenzotriazol	U2	both	131.7	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31747
CH5003	eionetSubUnitCo	2009 CAS_37350-58-6	Metoprolol	U2	both	33	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31748
CH5003	eionetSubUnitCo	2009 CAS_22004-53-1	Naproxen	U2	both	28.1	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31749
CH5003	eionetSubUnitCo	2009 CAS_723-46-6	Sulfamethoxazol	U2	both	29.4	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31750
CH5003	eionetSubUnitCo	2009 CAS_738-70-5	Trimethoprim	U2	both	3.1	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31751
CH6001	eionetSubUnitCo	2010 EEA_31-02-7	Total suspended so NP			54953	t/a			measured;		http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31752
CH6006	eionetSubUnitCo	2010 CAS_14798-03-9	Ammonium	U2	no	11.8	t/a	calculated				http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31753
CH6006	eionetSubUnitCo	2009 CAS_29122-68-7	Atenolol	U2	no	1.4	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31754
CH6006	eionetSubUnitCo	2009 CAS_95-14-7	Benzotriazol	U2	no	40.2	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31755
CH6006	eionetSubUnitCo	2009 CAS_41859-67-0	Betafibrate	U2	no	0.2	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31756
CH6006	eionetSubUnitCo	2009 CAS_333-41-5	Diazinon	U2	no	0.1	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31757
CH6006	eionetSubUnitCo	2009 CAS_7085-19-0	Mecoprop	U2	no	0.4	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31758
CH6006	eionetSubUnitCo	2009 CAS_136-85-6	Methylbenzotriazol	U2	no	7.5	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31759
CH6006	eionetSubUnitCo	2009 CAS_37350-58-6	Metoprolol	U2	no	1.9	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31760
CH6006	eionetSubUnitCo	2009 CAS_22004-53-1	Naproxen	U2	no	1.6	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31761
CH6006	eionetSubUnitCo	2009 CAS_723-46-6	Sulfamethoxazol	U2	no	1.7	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31762
CH6006	eionetSubUnitCo	2009 CAS_738-70-5	Trimethoprim	U2	no	0.2	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31763
CH8001	eionetSubUnitCo	2010 CAS_14798-03-9	Ammonium	U2	no	67.3	t/a	measured				http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31765
CH8001	eionetSubUnitCo	2009 CAS_29122-68-7	Atenolol	U2	no	1.1	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31766
CH8001	eionetSubUnitCo	2009 CAS_95-14-7	Benzotriazol	U2	no	32.9	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31767
CH8001	eionetSubUnitCo	2009 CAS_41859-67-0	Betafibrate	U2	no	0.2	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31768
CH8001	eionetSubUnitCo	2009 CAS_333-41-5	Diazinon	U2	no	0.1	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31769
CH8001	eionetSubUnitCo	2009 CAS_7085-19-0	Mecoprop	U2	no	0.3	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31770
CH8001	eionetSubUnitCo	2009 CAS_136-85-6	Methylbenzotriazol	U2	no	6.2	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31771
CH8001	eionetSubUnitCo	2009 CAS_37350-58-6	Metoprolol	U2	no	1.5	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31772
CH8001	eionetSubUnitCo	2009 CAS_22004-53-1	Naproxen	U2	no	1.3	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31773
CH8001	eionetSubUnitCo	2009 CAS_723-46-6	Sulfamethoxazol	U2	no	1.4	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31774
CH8001	eionetSubUnitCo	2009 CAS_738-70-5	Trimethoprim	U2	no	0.1	kg/a					http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31775
CH8002	eionetSubUnitCo	2010 EEA_31-02-7	Total suspended so NP			136372	t/a			measured;		http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31776
LT1100	euRBDCode	2008 CAS_14798-03-9	Ammonium	I		12.548	t/a		A			http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31777
LT1100	euRBDCode	2008 CAS_14798-03-9	Ammonium	I3		1.903	t/a		A			http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31778
LT1100	euRBDCode	2008 CAS_14798-03-9	Ammonium	I4		10.645	t/a		A			http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31779
LT1100	euRBDCode	2008 CAS_14798-03-9	Ammonium	O		12.807	t/a		A			http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31780
LT1100	euRBDCode	2008 CAS_14798-03-9	Ammonium	PT		582.549	t/a		A			http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31781
LT1100	euRBDCode	2008 CAS_14798-03-9	Ammonium	U		557.194	t/a		A			http://discomap.eea.europa.eu/data/wisest/2015-11-30-00:experimental	A				31782

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