

Water statistics

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Committee (Belarus)

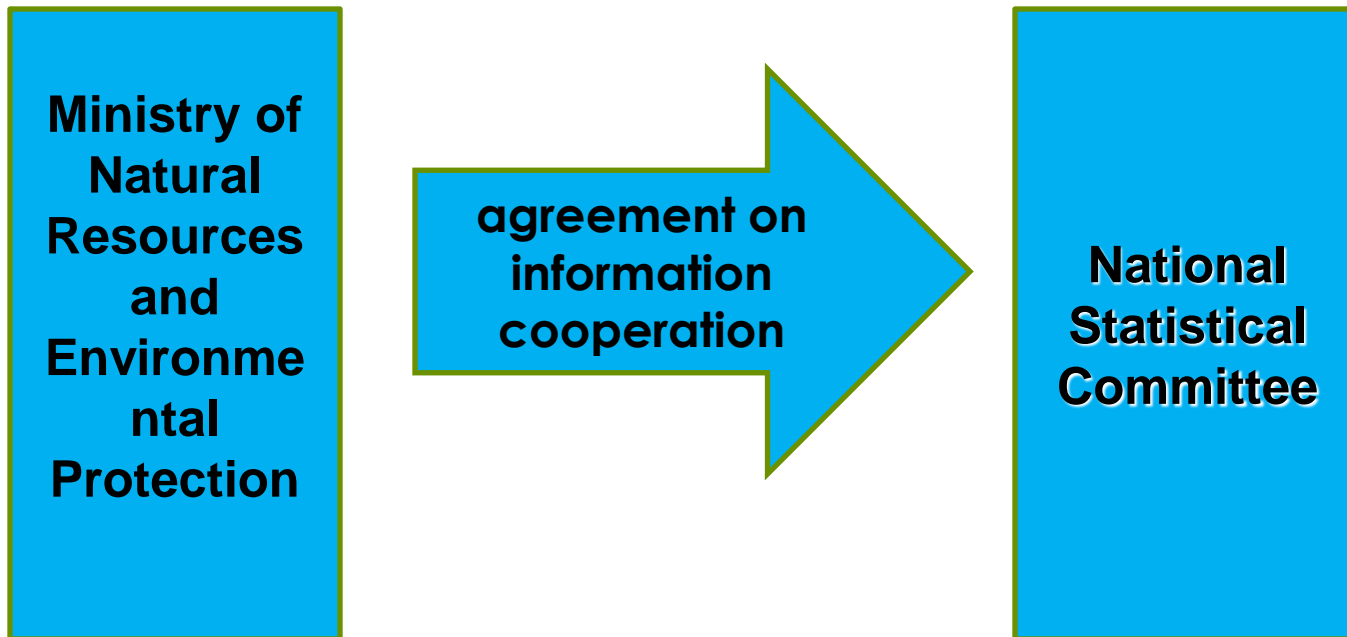


Data holder:

**Ministry of Natural
Resources and
Environmental Protection**



Data exchange



C.2. Water abstraction ¹⁾

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total water abstraction from natural sources for use, mln. cub. m	1 706	1 674	1 618	1 566	1 507	1 548	1 592	1 593	1 514
of which:									
from groundwater resources	1 012	987	938	897	835	854	870	875	851
from water bodies	694	687	680	669	672	694	722	718	663
Renewable water resources use indices, percent									
groudwater resources	41.9	40.7	38.6	36.7	32.4	32.9	33.6	33.8	
surface water resources use	1.1	1.1	1.3	1.1	1.0	1.0	1.2	1.2	

C.3. Water use¹⁾

(million cubic metres)

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total water use	1 600	1 546	1 485	1 410	1 337	1 359	1 406	1 442	1 373
of which:									
industrial water use	723	704	716	723	721	750	806	830	779
domestic and drinking purposes	750	708	653	574	501	495	486	492	477
irrigation and agricultural water supply	127	134	116	113	115	114	114	120	117
Water loss during transport	101	108	110	131	84	102	84	84	83

Water use by economic activity ¹⁾

(million cubic metres)

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2010	2011	2012	2013
Total	1 359	1 406	1 442	1 373
of which:				
agriculture, hunting and forestry	159	162	168	158
fishing and fish farming	337	363	382	360
mining and quarrying	14	27	23	22
manufacturing	234	238	229	222
of which:				
manufacture of food including beverages, and tobacco	67	69	63	66
processing of wood; manufacture of products of wood	26	22	13	14
processing of wood and manufacture of products of wood	4	3	3	3
manufacture of pulp and paper; publishing	19	20	22	18
manufacture of coke, petroleum products and nuclear materials	16	24	28	23
manufacture of chemicals and chemical products	49	48	44	45
manufacture of rubber and plastics products	7	8	8	7
manufacture of other non-metallic mineral products	13	13	14	11
manufacture of basic metals and fabricated metal products	5	5	5	4
manufacture of machinery and equipment	11	11	12	13
manufacture of transport vehicles and equipment	7	7	8	8
production and distribution of electricity, gas and water	549	567	600	575
construction	3	2	4	3
trade; repair of motor vehicles and household and personal goods	2	2	1	1
transport and communications	9	5	5	7
other economic activities representation of community, social and personal services	23	26	18	16

Average annual oxygen demand in rivers¹⁾

(milligrammes of O₂ per litre)

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Berezina	1.93	2.03	2.10	2.20	1.82	1.84	1.82	2.31	2.43
Viliya	3.07	2.29	2.27	2.43	2.35	2.57	2.09	2.30	2.13
Dnieper	2.11	2.13	1.98	1.97	1.97	2.12	2.28	2.17	2.08
Western Dvina	2.20	2.32	1.91	2.00	1.96	2.10	2.09	2.02	2.10
Western Bug	4.24	3.76	3.36	3.48	3.92	2.83	3.45	3.94	3.48
Mukhovets	2.98	3.05	2.91	2.93	3.05	2.42	2.97	2.41	2.04
Neman	2.50	2.46	2.21	2.18	2.61	2.38	2.17	2.14	2.03
Pripyat	2.96	2.78	2.23	2.26	2.27	2.46	2.35	2.51	2.31
Svisloch	3.63	3.63	2.95	2.86	2.99	3.06	2.72	2.91	2.47
Sozh	2.14	1.97	2.14	2.08	1.67	1.54	1.82	1.98	1.73



Государственное учреждение «Республиканский центр по гидрометеорологии, контролю радиоактивного загрязнения и мониторингу окружающей среды» РАДИАЦИОННО - ЭКОЛОГИЧЕСКИЙ МОНИТОРИНГ

EN RU

Вход через:

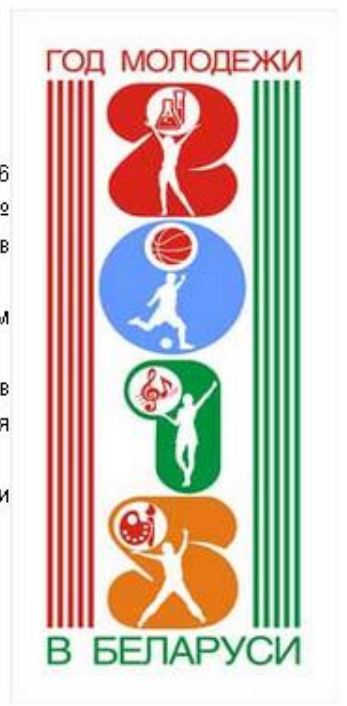
- ГЛАВНАЯ
- НОВОСТИ
- СТАТЬИ
- О ЦЕНТРЕ
- СЕТЬ НАБЛЮДЕНИЙ
- ВАКАНСИИ
- ГАЛЕРЕЯ
- ОБРАТНАЯ СВЯЗЬ
- РЕСУРСЫ
- "ОДНО ОКНО"
- ОБРАЩЕНИЯ
- УСЛУГИ

МОНИТОРИНГ ПОВЕРХНОСТНЫХ ВОД В БЕЛАРУСИ



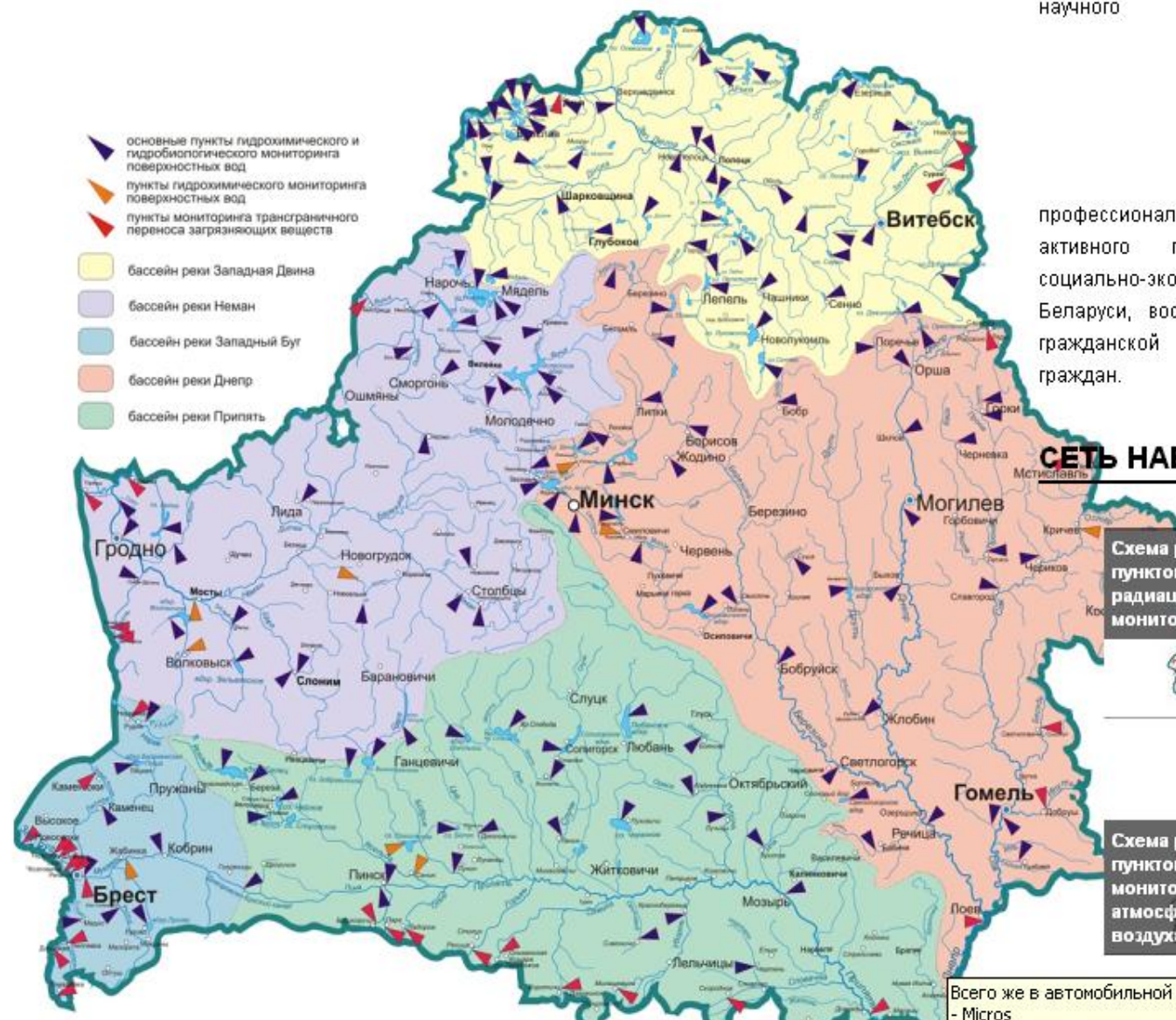
"Вода стоит особняком в истории нашей планеты. Нет...

Указом
Президента
Республики
Беларусь от 16
октября 2014 г. №
495 2015 год в
Беларуси
объявлен Годом
молодежи.
Документ принят в
целях развития
творческого,
научного и



профессионального потенциала молодежи, ее
активного привлечения к проведению

БАССЕЙН РЕКИ ПРИПЯТЬ



- основные пункты гидрохимического и гидробиологического мониторинга поверхностных вод
- пункты гидрохимического мониторинга поверхностных вод
- пункты мониторинга трансграничного переноса загрязняющих веществ
- бассейн реки Западная Двина
- бассейн реки Неман
- бассейн реки Западный Буг
- бассейн реки Днепр
- бассейн реки Припять



творческого, научного и

профессионального потенциала молодежи, ее активного привлечения к проведению социально-экономических преобразований в Беларуси, воспитания чувства патриотизма и гражданской ответственности у молодых граждан.

СЕТЬ НАБЛЮДЕНИЙ

Схема размещения пунктов радиационного мониторинга



Схема размещения пунктов мониторинга атмосферного воздуха



Всего же в автомобильной аптечке должно быть 13 наименований предметов - Micros

Concentrations of ammonium ions (in terms of nitrogen) in rivers¹⁾

(milligrammes of N per litre)

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Berezina	0.82	0.94	0.78	0.81	0.88	0.86	0.55	0.49	0.55
Viliya	0.45	0.39	0.39	0.29	0.44	0.47	0.30	0.17	0.17
Dnieper	0.58	0.71	0.56	0.47	0.44	0.41	0.32	0.35	0.35
Western Dvina	0.48	0.50	0.34	0.45	0.44	0.45	0.45	0.29	0.23
Western Bug	0.37	0.40	0.38	0.39	0.36	0.35	0.47	0.54	0.36
Mukhovets	0.32	0.67	0.51	0.47	0.63	0.81	0.56	0.47	0.37
Neman	0.36	0.45	0.24	0.23	0.40	0.43	0.36	0.24	0.23
Pripyat	0.62	0.63	0.55	0.39	0.41	0.50	0.43	0.44	0.37
Svisloch	1.10	1.06	0.96	0.77	0.52	0.82	0.68	0.29	0.31
Sozh	0.51	0.53	0.39	0.35	0.34	0.33	0.33	0.30	0.34

C. 11. Biogenic substances in fresh water

Concentrations of nitrates (nitrate ions) in rivers¹⁾

(milligrammes of NO₃ per litre)

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Berezina	5.22	4.56	5.31	5.66	4.60	4.91	3.72	5.54	5.22
Viliya	3.85	4.25	3.76	3.10	3.89	5.31	3.45	5.54	5.88
Dnieper	4.16	5.18	5.35	5.40	3.98	3.98	4.60	4.21	4.42
Western Dvina	1.19	1.28	1.06	1.06	0.79	0.88	1.24	2.92	2.92
Western Bug	4.16	5.53	6.86	5.75	4.78	4.78	5.45	3.90	6.37
Mukhovets	4.56	4.87	5.04	5.04	4.82	4.34	4.07	2.26	5.35
Neman	2.48	2.17	4.47	4.82	5.22	6.46	5.40	4.34	4.91
Pripyat	11.47	10.98	9.07	1.94	1.94	1.77	1.55	2.04	2.52
Svisloch	4.82	5.53	5.89	4.91	4.78	6.99	6.86	4.25	4.12
Sozh	3.23	3.85	3.98	3.85	3.27	2.65	3.59	3.28	3.72

Concentrations of phosphate ions (in terms of phosphorus) in rivers¹⁾

(milligrammes of P per litre)

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Berezina	0.07	0.08	0.10	0.07	0.08	0.11	0.08	0.10	0.10
Viliya	0.02	0.03	0.02	0.02	0.03	0.03	0.04	0.04	0.04
Dnieper	0.13	0.11	0.12	0.10	0.09	0.10	0.09	0.10	0.10
Western Dvina	0.03	0.04	0.02	0.02	0.03	0.03	0.03	0.04	0.05
Western Bug	0.16	0.17	0.19	0.17	0.15	0.19	0.15	0.19	0.14
Mukhovets	0.07	0.08	0.10	0.07	0.09	0.09	0.08	0.10	0.08
Neman	0.03	0.04	0.03	0.03	0.04	0.05	0.04	0.04	0.05
Pripyat	0.07	0.07	0.06	0.05	0.05	0.07	0.05	0.06	0.06
Svisloch	0.07	0.10	0.10	0.09	0.12	0.11	0.12	0.06	0.04
Sozh	0.08	0.08	0.06	0.08	0.07	0.07	0.07	0.07	0.08

Concentrations of phosphate ions (in terms of phosphorus) in lakes¹⁾

(milligrammes of P per litre)

¹⁾ According to the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

	2005	2006	2007	2008	2009	2010	2011	2012	2013
Vygonoshchanskoye	0.0197	0.0135	0.045	0.0275	0.0277	0.0145	0.0170	0.027	0.025
Drivyaty	–	0.06	0.0212	0.0040	0.0489	0.0117	0.0060	0.035	0.009
Ezerishche	–	–	–	–	–	0.0129	0.0113	0.005	0.007
Lepelskoye	0.0211	0.0267	0.0137	0.0272	0.0222	0.0253	0.0394	0.009	0.020
Lisno	–	–	–	–	–	–	–	–	–
Losvido	–	–	–	–	–	0.0183	0.0144	0.013	0.010
Lukomskoye	0.0134	0.0239	0.0336	0.0183	0.0336	0.0387	0.0355	0.014	0.030
Myadel	0.0007	0.0141	0.005	0.005	0.0061	0.0056	0.0061	0.005	0.016
Myastro	0.0051	0.0115	0.0063	0.0051	0.0088	0.0084	0.0108	0.011	0.017
Naroch	0.0019	0.0070	0.0053	0.0051	0.0078	0.0078	0.0054	0.007	0.007
Neshcherdo	0.006	0.0241	0.0102	0.0063	0.007	0.0111	0.0128	0.007	0.013
Osveyskoye	–	–	–	–	–	0.0108	0.0122	0.012	0.008
Richi	–	0.0416	0.0036	0.0031	0.0145	0.0058	0.0050	0.019	0.006
Svir	–	0.0196	0.005	0.005	0.006	0.0052	0.0063	0.011	0.013
Selyava	–	–	–	0.0125	0.0127	0.0105	0.0115	0.012	0.006
Snudy	–	0.0237	0.0115	0.0049	0.0106	0.0047	0.0051	0.008	0.006
Strusto	–	0.0285	0.0041	0.0056	0.0141	0.0049	0.0052	0.007	0.004
Chervonoye	0.0277	0.014	0.02	0.0062	0.0065	0.0057	0.0065	0.085	0.064
Chernoye	–	–	0.0313	0.016	0.013	0.0177	0.0375	0.003	0.007

Algorithm (methodology) of compilation of indicators

C. Water resources

No.	Indicator	Unit of measure	Algorithm (methodology) of compilation	Data holder	Source
C.2.	Water abstraction Total water abstraction from natural sources for use	million cubic meters	Includes extraction (removal) of water from underground and surface sources and is determined based on the testimony water measuring devices and settlements carried out in accordance with procedures approved by the established procedure; production volume of fresh water from underground sources is determined by total for all aquifers and wells.	Ministry of Natural Resources and Environmental Protection	Form 1-water (Ministry of Environment) "Report on the use of water"
	Renewable water resources use indices	percent	Water exploitation index is defined as the ratio of annual total freshwater abstraction to average annual volume of renewable resources of fresh surface water and groundwater, expressed as a percentage.	Ministry of Natural Resources and Environmental Protection	
C.3.	Water use Water use	million cubic meters	The volume of water extracted (withdrawn) from natural sources or obtained from the water supply system of other water users, used to meet the different needs of the organization.	Ministry of Natural Resources and Environmental Protection	Form 1-water (Ministry of Environment) "Report on the use of water"
	Water loss annual volume of fresh water is lost in transportation	million cubic meters	The volume of freshwater lost during transportation (as a result of filtering, evaporation, leaks, accidents and so on) in the water supply system from the donor site to the place of use is defined as the difference between the amount of intake (receipt) of water and its use by consumers;	Ministry of Natural Resources and Environmental Protection	Form 1-water (Ministry of Environment) "Report on the use of water"

C.10.	Average annual biochemical oxygen demand and concentrations of ammonium ions (in terms of nitrogen) in rivers	milligrammes of O ₂ per litre	Average annual value of biochemical oxygen demand is measured after a five-day incubation period on the basis of information received for each control point from sampling and testing surface water samples at the state fixed surface water monitoring stations.	Ministry of Natural Resources and Environmental Protection	National Environmental Monitoring System
		milligrammes of N per litre	Concentrations of ammonium ions in rivers (in terms of nitrogen) are measured on the basis of information received for each control point from sampling and testing surface water samples at the state fixed surface water monitoring stations.	Ministry of Natural Resources and Environmental Protection	National Environmental Monitoring System

C. 11.	Biogenic substances in fresh water		Concentrations of nitrates (nitrate ions). of phosphate ions in river water. concentrations of phosphate ions in lakes		
	Concentrations of nitrates (nitrate ions) in rivers	milligrammes of NO ₃ per litre	Concentrations of nitrates (nitrate ions) in river water are measured on the basis of information received for each control point from sampling and testing surface water samples at the state fixed surface water monitoring stations.	Ministry of Natural Resources and Environmental Protection	National Environmental Monitoring System
	Concentrations of phosphate ions (in terms of phosphorus) in rivers	milligrammes of P per litre	Concentrations of phosphate ions (in terms of phosphorus) in river water are measured on the basis of information received for each control point from sampling and testing surface water samples at the state fixed surface water monitoring stations.	Ministry of Natural Resources and Environmental Protection	National Environmental Monitoring System
	Concentrations of phosphate ions (in terms of phosphorus) in lakes	milligrammes of P per litre	Concentrations of phosphate ions (in terms of phosphorus) in lakes are measured on the basis of information received for each control point from sampling and testing surface water samples at the state fixed surface water monitoring stations.	Ministry of Natural Resources and Environmental Protection	National Environmental Monitoring System



Thanks for your attention!