



# SAOPĆENJE

## FIRST RELEASE



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*Users are kindly requested to mention the data source*

GODINA/ YEAR II

SARAJEVO, 22.06.2018.

BROJ/ NUMBER 1

## OKOLIŠ

### ENVIRONMENT

#### *Obnovljivi vodni resursi* *Renewable freshwater resources*

Saopćenje prikazuje procjenu stanja obnovljivih vodnih resursa Bosne i Hercegovine, kao i niza vezanih parametara, kao što su padavine, evapotranspiracija, doticaj i oticaj voda na godišnjem nivou.

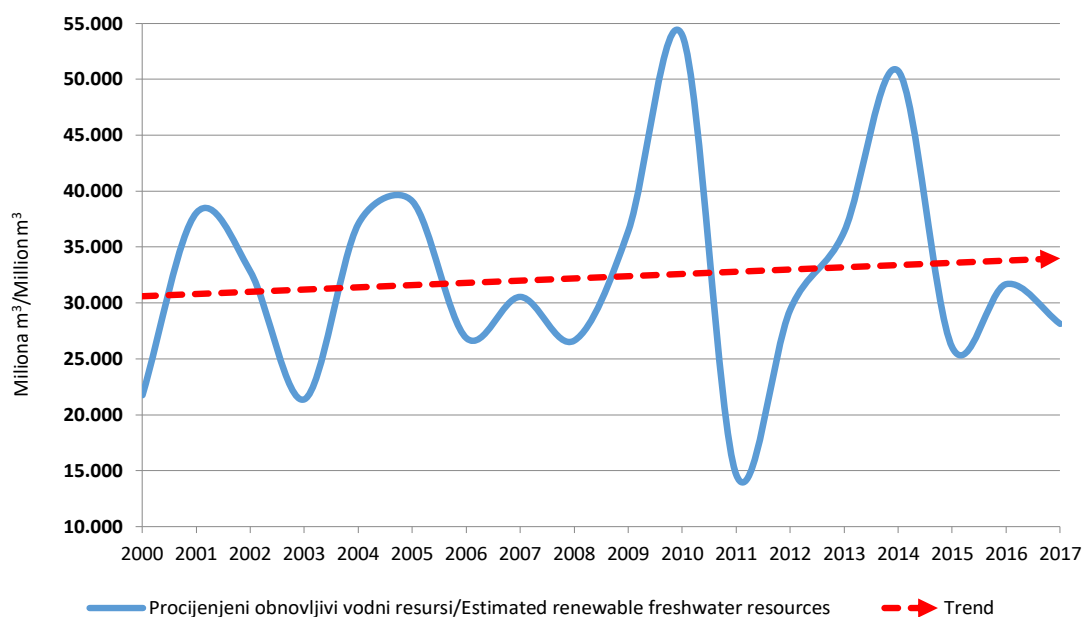
Saopćenje je rezultat kontinuirane aktivnosti Agencije za Statistiku Bosne i Hercegovine, potrebe i obaveze Bosne i Hercegovine za međunarodnim izvještavanjem prema Evropskom statističkom uredu (EUROSTAT), UN, kao i ostalim međunarodnim i domaćim korisnicima statističkih podataka o vodama.

The release shows the assessment of the renewable freshwater resources of Bosnia and Herzegovina, as well as a range of related parameters, such as precipitation, evapotranspiration, inflow and outflow of water annually.

This release is the result of the continuous activity of Agency for Statistics of Bosnia and Herzegovina, needs and obligations of Bosnia and Herzegovina for international reporting to the European Statistical Office (Eurostat), the United Nations and other international and domestic users of statistical data on water.

#### **Grafikon 1. Procjena obnovljivih vodnih resursa, 2000-2017. milioni m<sup>3</sup>**

*Graph 1. Estimated renewable freshwater resources, 2000-2017, million m<sup>3</sup>*



**Tabela 1: Procjena obnovljivih vodnih resursa, 2000 – 2017. milioni m<sup>3</sup>**

*Table 1: Estimated renewable freshwater resources, 2000 – 2017, million m<sup>3</sup>*

<i>Rb.</i>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>Godina</b>	<b>Padavine</b>	<b>Stvarna evapotranspiracija</b>	<b>Unutrašnji proticaj</b>	<b>Doticaj površinskih i podzemnih voda iz susjednih zemalja</b>	<b>Obnovljivi vodni resursi</b>	<b>Oticaj površinskih i podzemnih voda prema susjednim zemljama</b>	<b>Oticaj površinskih i podzemnih voda prema moru</b>
<b>2000</b>	44.019	24.287	19.732	2.000	21.732	28.332	7.168
<b>2001</b>	62.147	26.106	36.042	2.000	38.042	23.798	11.702
<b>2002</b>	56.494	25.715	30.779	2.000	32.779	25.212	10.288
<b>2003</b>	43.584	24.221	19.363	2.000	21.363	28.441	7.059
<b>2004</b>	61.123	26.062	35.061	2.000	37.061	23.539	11.961
<b>2005</b>	63.259	26.187	37.072	2.000	39.072	25.561	9.939
<b>2006</b>	49.908	25.070	24.839	2.000	26.839	26.362	9.138
<b>2007</b>	54.067	25.542	28.525	2.000	30.525	27.734	7.766
<b>2008</b>	49.688	25.074	24.615	2.000	26.615	25.954	9.546
<b>2009</b>	60.447	26.032	34.415	2.000	36.415	24.788	10.712
<b>2010</b>	78.837	26.930	51.907	2.000	53.907	17.724	17.776
<b>2011</b>	35.201	22.587	12.614	2.000	14.614	28.851	6.649
<b>2012</b>	52.792	25.399	27.392	2.000	29.392	28.291	7.209
<b>2013</b>	60.371	26.000	34.370	2.000	36.370	23.128	12.372
<b>2014</b>	75.610	26.883	48.728	2.000	50.728	20.431	15.069
<b>2015</b>	48.982	24.974	24.008	2.000	26.008	27.091	8.409
<b>2016</b>	55.280	25.617	29.663	2.000	31.663	25.516	9.984
<b>2017</b>	51.354	25.247	26.107	2.000	28.107	26.498	9.002
<b>Year</b>	Precipitation	Actual evapotranspiration	Internal flow	Inflow of surface and groundwaters from neighbouring countries	<b>Renewable freshwater resources</b>	Outflow of surface and groundwaters to neighbouring countries	Outflow of surface and groundwaters to the sea

## METODOLOGIJA

Procjena stvarne evapotranspiracije je urađena slijedeći formulu:

$$ET = P / (\sqrt{0,9 + (P^2 / L^2)})$$

Izvor: <https://goo.gl/Gt1qKl>

Podaci koji su poslužili kao osnova za izradu ovog priopćenja su zasnovani na izvorima:

1. Federalni hidrometeorološki zavod FBiH i Republički hidrometeorološki zavod RS
2. Aquastat, FAO.  
<http://www.fao.org/nr/water/aquastat/data/query/results.html>
3. Procjene se temelje na Federalni hidrometeorološki zavod Bosne i Hercegovine podatke za odliv površine do Jadranskog mora (2004-2013) i koji sadrže projekcije za nestali period, na osnovu padavina.

Podaci ovog statističkog istraživanja se zasnivaju na evidenciji i dokumentaciji, a tamo gdje to nije moguće, na procjeni.

## METHODOLOGY

Estimated Actual evapotranspiration was made based on the formula:

$$ET = P / (\sqrt{0,9 + (P^2 / L^2)}), \text{ source: } \a href="https://goo.gl/Gt1qKl">https://goo.gl/Gt1qKl$$

*The data were the basis for the preparation of this press release are based on sources:*

1. *Federal Hydrometeorological Institute of FBiH and Republic Hydrometeorological Institute RS*
2. *Aquastat, FAO.*  
*<http://www.fao.org/nr/water/aquastat/data/query/results.html>*
3. *Estimations are based on Federal Hydrometeorological Institute of Bosnia and Herzegovina data for the surface outflow to Adriatic Sea (2004-2013), containing projections for the missing period, based on precipitation.*

*This statistical survey data are based on records and documentation, and where that is not possible through estimation.*

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**Podaci iz ovog saopćenja objavljuju se i na internetu**

*First Release data are also published on the Internet*

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