

COMMUNICATION

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Forestry statistics

SU10

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Damages to forests, 2006 - Republic of Serbia -

Methodological notes

The Report on damages to forests in the Republic of Serbia is issued annually and it is based on the forestry surveys, conducted by the Statistical Office of the Republic of Serbia. Data regarding the state and private forests are obtained from the reporting units of the public enterprise "Srbijasume" and from other organizations, dealing with forestry, regardless of the fact whether it is their main activity or not. Data are collected by types of forests and by causes and are expressed in m³, regarding the felled timber and in ha, when referring to the surface area.

Regarding the state forests, the following sorts of damages have been recorded: damages caused by man, damages caused by insects, damages caused by game and domestic animals, damages by natural inclemencies and damages caused by plant diseases. Damages caused by man are classified into illicit cutting, forest assortments theft, illicit land occupation, illicit grazing, ecological poisoning and other damages caused by man. Damages caused by insects are divided into three groups: damages caused by scolytidae, damages caused by gypsy moths and damages caused by other insects. Damages by natural inclemencies are sorted into two groups: damages caused by wind and damages caused by rain, hail, snow and frost. Damages caused by fire are expressed regarding both state and private forests. Fire in forests can be surface and high. Surface fire burns land cover, humus, leaves, needles, moss, grass, tree – stumps and so on. It damages lower parts of trees and can cause their drying. High fire catches trees crowns, it spreads easily and it is difficult to fight it.

The damaged surface is expressed by causes of damage. Area of illicitly occupied surface is calculated according to geodesy measures, while area that has been damaged due to other causes is calculated either by geodesy measures or (the most frequently) by estimating. Felled timber refers to damaged felled timber, measured on the tree – stumps, still in the upright position, except when it comes to forest assortments theft, where actual felled timber of the stolen assortments is expressed. At recording the damage caused by illicit cutting, the date of recording is noted down, and not the date when damage was caused.

1. Damages to state forests

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
2005			
Felled timber, m³	39635	36804	2831
2006			
Felled timber, m³	29498	27777	1721
Area, ha	9535	9311	224
Damages caused by man, m³	9918	8607	1311
Area, ha	1046	966	80
Illicit cutting – timber exported from the forest, m ³	7111	5951	1160
Number of cases	1341	1255	86
Illicit cutting – timber remained in the forest, m ³	344	294	50
Number of cases	111	106	5
Forest assortments theft, m ³	1084	1043	41
Number of cases	123	118	5
Illicit land occupation, ha	4	4	-
Number of cases	7	5	2
Illicit grazing, ha	46	46	-
Number of cases	9	7	2
Ecological poisoning, m ³	-	-	-
Number of cases	-	-	-
Other damages caused by man, m ³	1379	1319	60
Number of cases	8	7	1
Damages caused by insects, m³	1402	1402	-
Area, ha	6994	6918	76
Scolytidae, m ³	172	172	-
Area, ha	2000	2000	-
Gypsy moths, m ³	990	990	-
Area, ha	4944	4868	76
Other insects, m ³	240	240	-
Area, ha	50	50	-
Damages caused by game and domestic animals, m³	-	-	-
Area, ha	14	-	14
Damages by natural inclemencies, m³	9172	8779	393
Area, ha	896	876	20
Wind, m ³	1870	1477	393
Area, ha	57	37	20
Rain, hail, snow, frost, m ³	7302	7302	-
Area, ha	839	839	-
Damages caused by plant diseases, m³	7933	7933	-
Area, ha	237	237	-
Damages caused by fire, m³	1073	1056	17
Area, ha	348	314	34
Number of fires	47	43	4
Surface fire, m ³	929	912	17
Area, ha	328	294	34
Number of fires	40	36	4
High fire, m ³	144	144	-
Area, ha	20	20	-
Number of fires	7	7	-

2. Damages caused by fire

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
2005			
Damaged felled timber, m³	528	528	-
2006			
Fired area, ha	494	460	34
Damaged felled timber, m ³	1080	1063	17
Number of fires	47	43	4
State forests			
Fired area, ha	348	314	34
Damaged felled timber, m ³	1073	1056	17
Number of fires	47	43	4
Private forests			
Damaged felled timber, m ³	146	146	-
Number of fires	7	7	-

3. Structure of illicitly felled timber in state forests, 2006

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
Total	29498	27777	1721
Broadleaves	14256	12798	1458
Industrial and technical wood	3038	2674	364
Fuel wood	9795	8817	978
Refusal	1423	1307	116
Conifers	15242	14979	263
Industrial and technical wood	10785	10785	-
Fuel wood	1789	1789	-
Refusal	2668	2405	263

Notes:

The presented data, referring to the Republic of Serbia, do not include the data on Kosovo and Metohia. Total damages in state forests of the Republic of Serbia in 2006, expressed in volume of the felled timber, amounted to approximately 30 thousand m³, out of which, about 10 thousand m³ were damages caused by man. Natural inclemencies (wind, rain, hail, snow) caused damages of approximately 9 thousand m³ of the felled timber, which was about 30 % of the total damages in state forests. During 2006, 47 cases of fire were recorded and damaged felled timber was 1073 m³. Damaged felled timber in private forests amounted to 146 m³. Illicitly felled timber in state forests in 2006 was about 7.5 thousand m³. Referring to Central Serbia, it was about 6.3 thousand m³, while in Vojvodina, it was about 1.2 thousand m³.

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