



The 2010 Spring Season Forest Fire Situation in the Republic of Korea

➤ **Date : 7 June 2010**

➤ **Period : 1 January to 15 May 2010**

➤ **Characteristics of 2010 forest fire**

- 160 forest fires (34% of 2009) occurred and 48ha of forest land (3.5% of 2009) burned.
- The number of days with precipitation and sunshine duration in 2010 spring fire season (from 1 March to 20 April) hit the lowest record since the last 30 years.
- The Number of days with precipitation (19.6 days) and precipitation (138mm) increased by 6.7 days, 12%, respectively, compared to the average of past 30 years.
- 67% of forest fires caused by carelessness, weed burning, and waste burning, similar to the pattern of past causes.
- Frequent precipitation, running weed burning prohibit period, operating observation system for forest fire ignition point based on GPS, and effective rotary-wing aircraft dispatch system contributed to the decrease of forest fire occurrence.

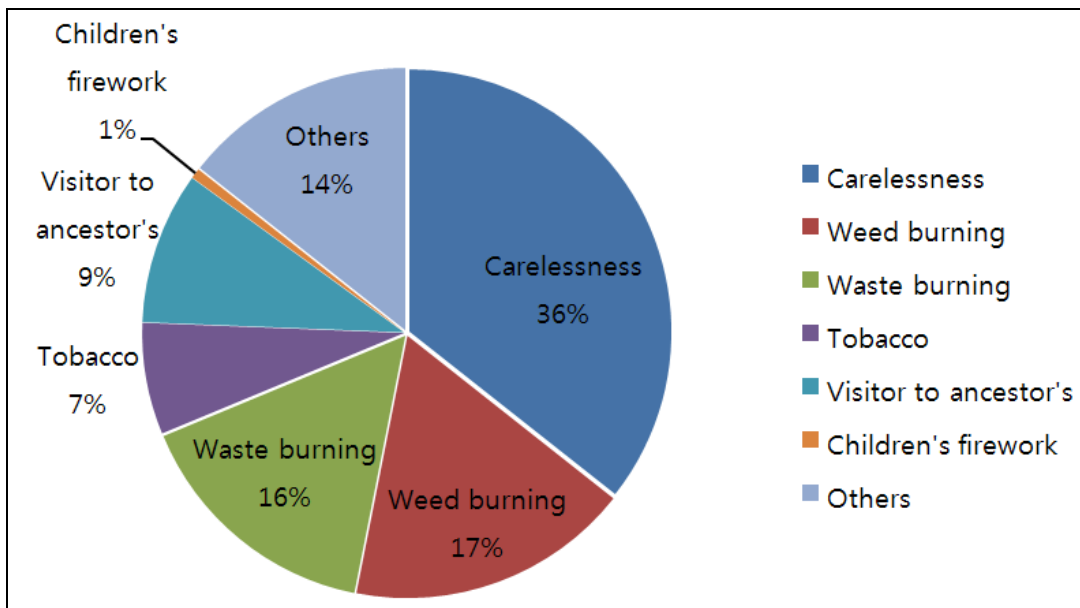


Figure 1. Forest fire causes from 1 January to 15 May 2010.

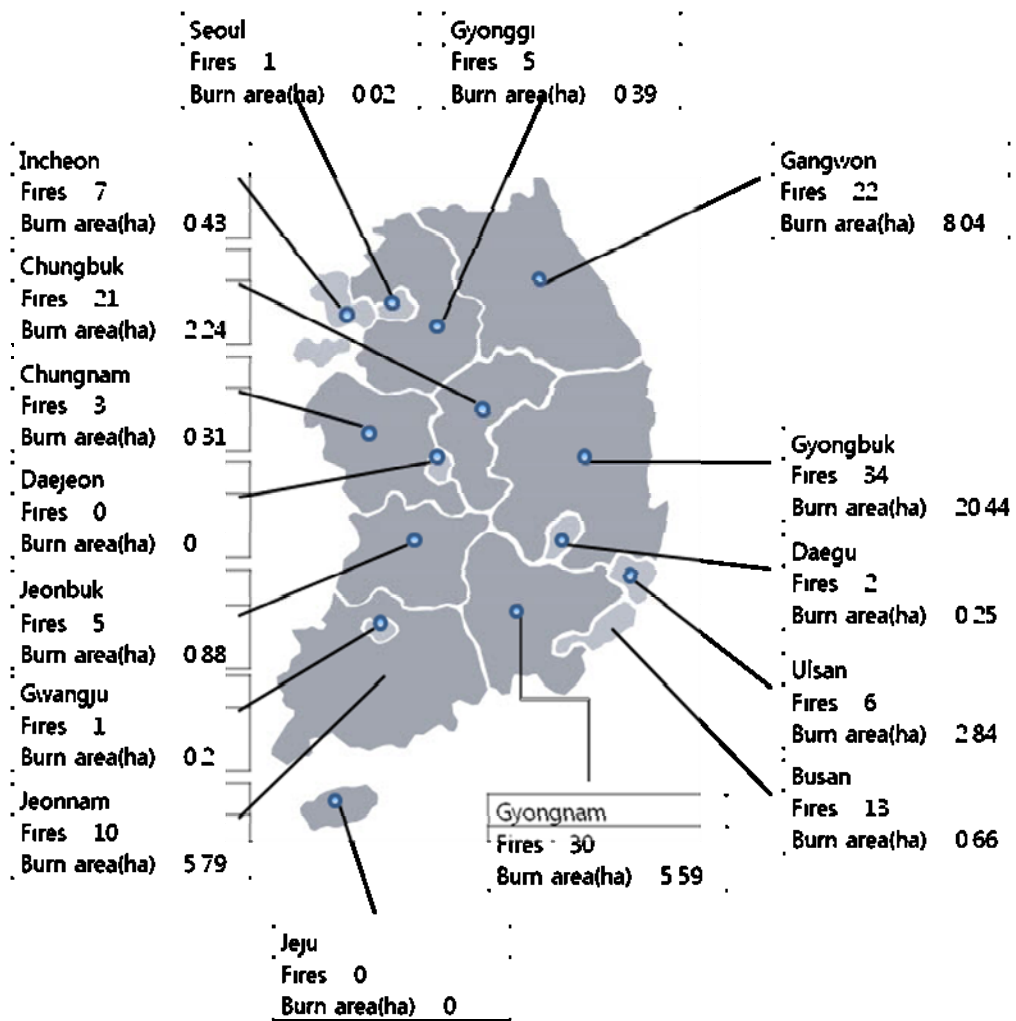


Figure 2. Forest fires and burned area (ha) by region from 1 January to 15 May 2010.

Table 1. Forest fires and burned area (ha) by month from 1 January to 15 May 2010 and the recent 5-years average (2005-2009).

	January		February		March		April		May		Total	
	fires	ha	fires	ha	fires	ha	fires	ha	fires	ha	fires	ha
2010	24	5.73	30	5.02	22	8.3	52	15.44	32	13.59	160	48.08
2009	64	84.23	32	13.72	119	68.51	206	1157	46	28.91	467	1352
5 years Average	48	32.99	60	22.56	115	74.7	123	657.5	24	11.11	370	798.9

Please, visit the following sites for more information

<http://sanfire.forest.go.kr> and <http://forestfire.kfri.go.kr>