



PEACE, PROSPERITY AND REGIONAL INTEGRATION

## Fire Report in Aberdares National Park

The recent fires in Aberdares National park. Fire started on 13<sup>th</sup> Jan and ended on 19<sup>th</sup> Jan 2017. Different earth observation data (Modis, Landsat, Sentinel 2A ...) has detected this fire and its extent. Burnt areas as shown below on sentinel 2 A satellite is around 6672 hectares (figure 1). Figure 2 shows the distribution of fire for the second dekad of January from MODIS fire daily data and figure 3 shows the time series of fire occurrence in Aberdares National Park from 2014 and compared also to the long term average. It is noticed that fires in Aberdares National Park happen mainly in the period of January and February.

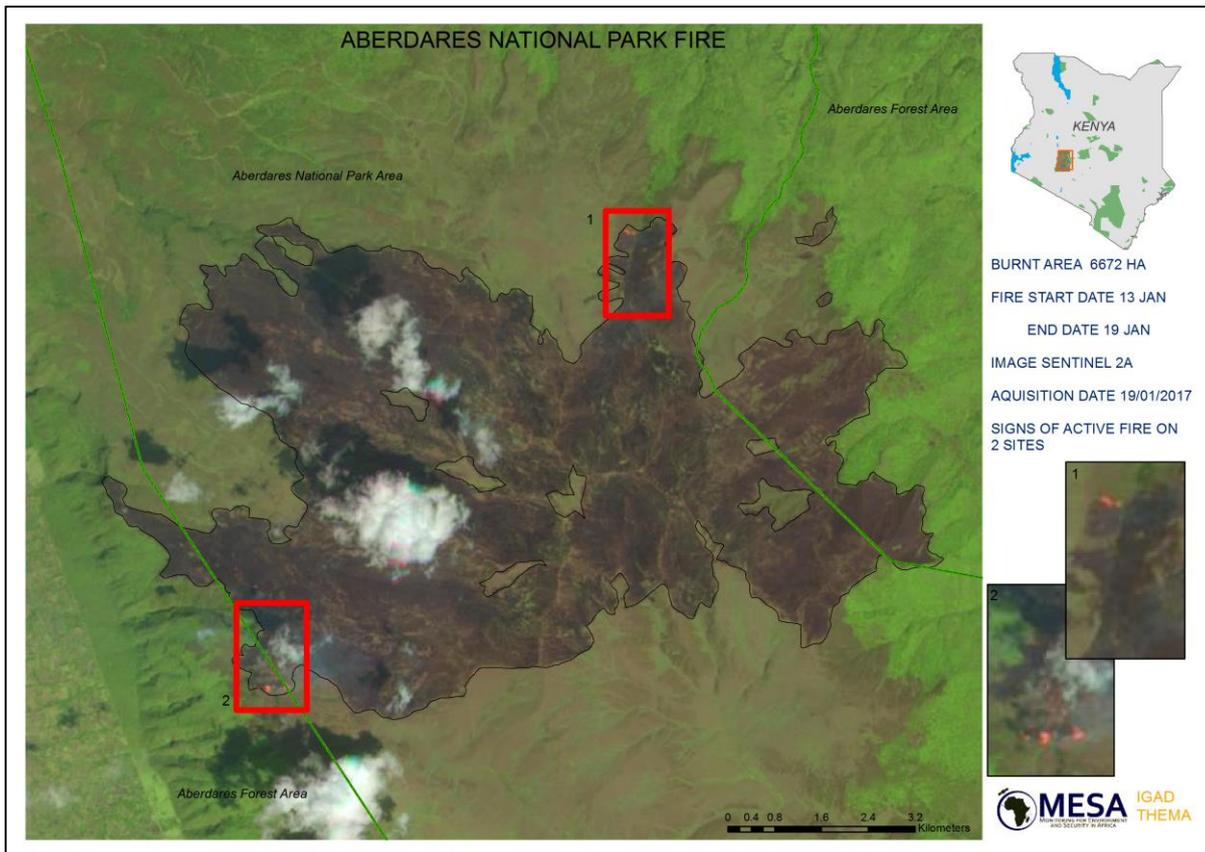


Figure 1: Fire in Aberdares National park from Sentinel 2A satellite images



Programme implemented by the African Union Commission



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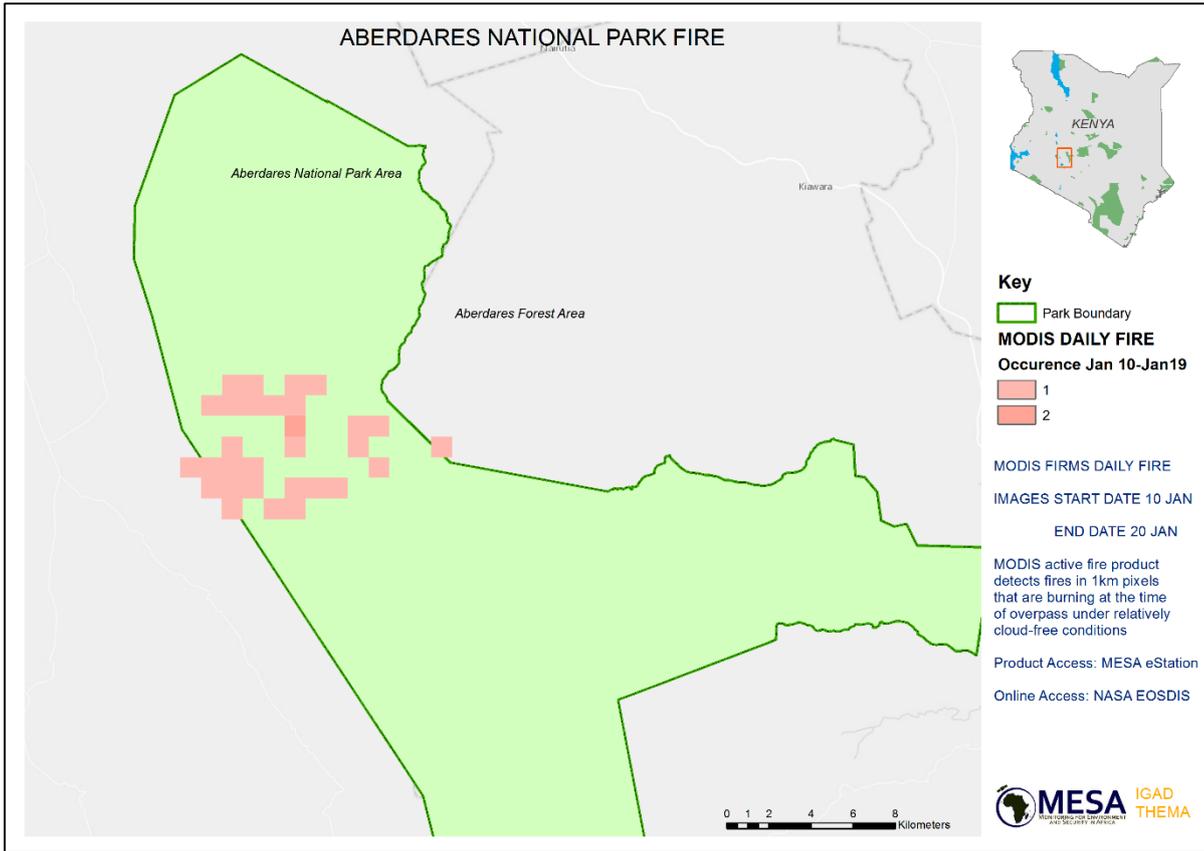


Figure 2: Fire in Aberdare National park from MODIS satellite images

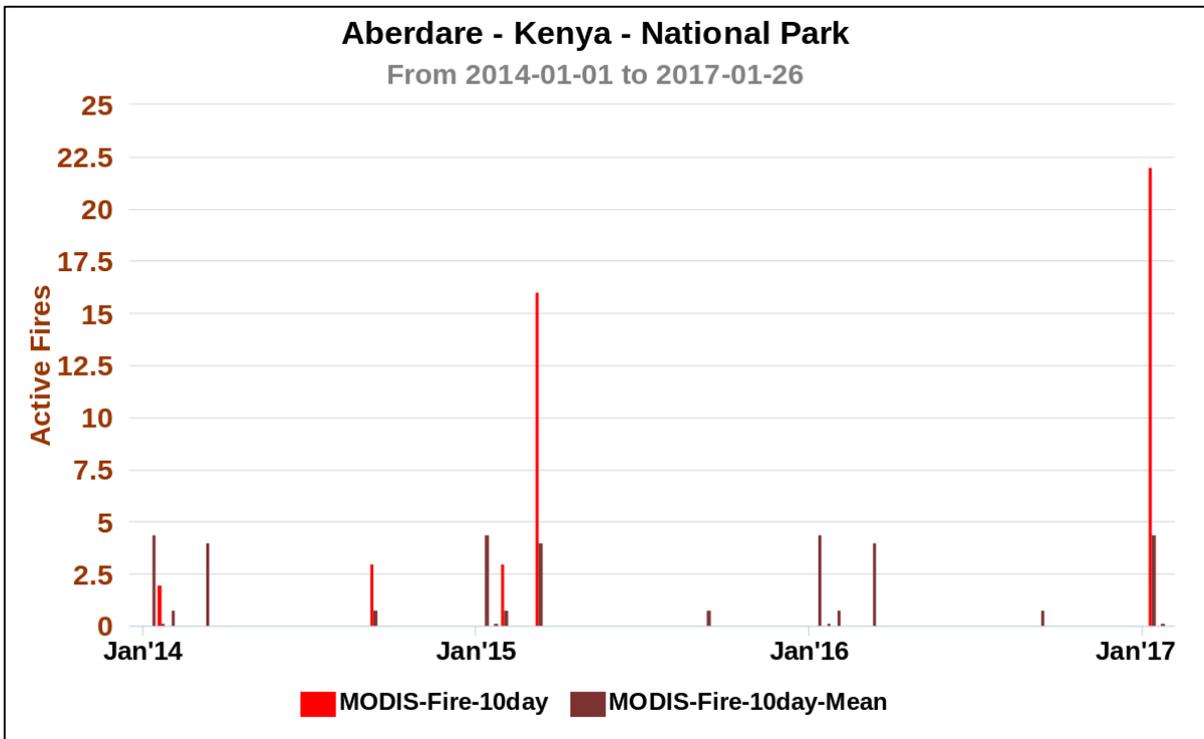


Figure 3: Fire in Aberdare National park from MODIS satellite images from 2014 to Jan 2017 (graph extracted from eStation)



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The overall objective of the MESA program in the IGAD region is to enhance land degradation, natural habitats and forest assessment and monitoring for sustainable management of environmental resources. It is aimed at developing operational geo-information services and strengthening the information management capacity of regional and national institutions in order to support decision and policy making processes. This will be done by facilitating access to Africa-wide environmental information derived from Earth Observation technologies.

The ICPAC grant is one of the seven Regional Thematic Actions, also called THEMA, which are developed and implemented by MESA in Africa in the areas of management of water resources (CEMAC region), cropland and rangeland management (ECOWAS region), land degradation mitigation, natural habitat conservation and forests monitoring (IGAD region), coastal and maritime management (IOC and ECOWAS region), agricultural and environmental resource management (SADC region) and climate monitoring (African continent).

For additional information, contact:

[mesa@icpac.net](mailto:mesa@icpac.net)



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