



The Deimos-1 Satellite monitors large fires in the Valencian Community

Madrid, 03 July 2012.- In the past few days, the Deimos-1 Earth imaging satellite, launched into space in July 2009 by Elecnor Deimos, Elecnor's technology department, has been monitoring the two large fires in the Valencian Community that took place in the last week of June.

As you can see in the images taken by Deimos-1 yesterday, 02 July 2012, at 12:11 local time, the two fires have significantly affected the forests of the Valencian Community and they can be seen easily from space. The fire declared in the region of Andilla last Friday continues to be partially active and some columns of smoke can be seen in the photograph (image 2). This fire has affected the Valencian regions of Los Serranos, Campo de Turia, and Alto Palancia in the region of Castellón. By using information from before the fire (image 1), Elecnor Deimos estimates that a total of 17,333 hectares have been burned in this fire (images 3, 4 and 5). On the other hand, the image partially shows the fire, which was declared on Thursday, in the region of Cortes de Pallás, which spread rapidly, burning thousands of hectares in the regions of Hoya de Buñol, Valle de Cofrentes, Canal de Navarrés and Ribera Alta. Using the partial information available (image 6), Elecnor Deimos estimates that 19,177 hectares have been burned by the flames near the municipalities of Dos Aguas, Millares and Catadau. The western part of the fire will be assessed in the following days.

In the next few days, Elecnor Deimos will continue to monitor these two fires in order to assess their status and the definitive number of hectares that have been affected by the fire. Once again, the ability of the Deimos-1 system to provide useful information regarding natural disasters and crises is evident.

Deimos-1

The Deimos-1 de Earth observation system, consisting of the satellite and the whole ground segment, is entirely owned by Elecnor Deimos, Elecnor's technology department. Elecnor Deimos Imaging, Elecnor Deimos's remote detection subsidiary, operates and manages all the components of the mission in order to generate and commercialise high-resolution images and derived products for the characterisation of the land surface. The images have several uses such as: agriculture, environmental, climate change, safety, deforestation, water resource management and supporting the management of crises caused by natural disasters.



The camera on board the Deimos-1 satellite takes photos of the Earth's surface in three different spectrum bands with a detail level of 22 metres, and a scanning width of 620 km. The satellite orbits the Earth 15 times per day and can take a photo of any location in the world every three days.

About Elecnor

Elecnor develops infrastructure, renewable energy and new technology projects. It employs 12,000 people and is present in more than 30 countries. More information on www.elecnor.com

About Elecnor Deimos

Elecnor Deimos is Elecnor's technology department, specialising in engineering solutions in the sectors of space, information technology and communications systems. Elecnor Deimos has five business areas: Remote detection, Aerospace and Defence, Automation and Control, Systems and Networks, and Technological Infrastructures. Elecnor Deimos Imaging, Elecnor Deimos's subsidiary that deals with remote detection, manages the operation and commercialisation of Deimos-1, the first Spanish Earth observation satellite. Elecnor Deimos is currently developing a new, very high resolution, satellite called Deimos-2, the launch of which is planned for 2013.

www.elecnor-deimos.com

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More information:

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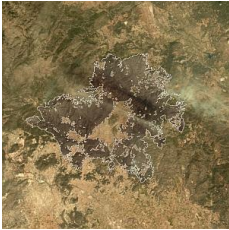

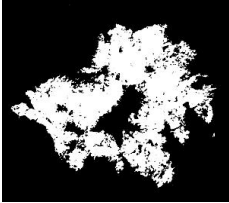
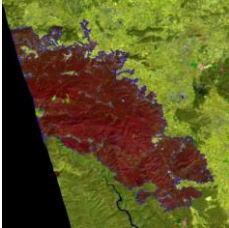
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Press release images

	<p>Image 1. The situation of the affected area before the fires took place around Andilla (Valencia), taken on 23 June 2012 by the Deimos-1 satellite. (File: Fig_1_2012-06-23_Deimos1_Fire_Previous_Andilla.jpg)</p>
	<p>Image 2. The burned area around Andilla (Valencia), taken on 02 June 2012 by the Deimos-1 satellite. (File: Fig_2_2012-07-02_Deimos1_Fire_After1_Andilla.jpg)</p>
	<p>Image 3. The burned area around Andilla (Valencia), taken on 02 June 2012 by the Deimos-1 satellite. The perimeter of the area affected by the flames is superimposed. (File: Fig_3_2012-07-02_Deimos1_Fire_After2_Andilla.jpg)</p>
	<p>Image 4. Montage of images taken at different times, clearly showing the burned area around Andilla (Valencia), taken on 02 June 2012 by the Deimos-1 satellite. (File: Fig_4_2012-07-02_Deimos1_Fire_Perimeter_Andilla.jpg)</p>
	<p>Image 5. Map of the burned area around Andilla (Valencia), taken on 02 June 2012 by the Deimos-1 satellite. (File: Fig_5_2012-07-02_Deimos1_Fire_Map_Andilla.jpg)</p>
	<p>Image 6. Montage of images taken at different times, showing the eastern area of the burned area around Cortes de Pallá (Valencia), taken on 02 June 2012 by the Deimos-1 satellite. (File: Fig_6_2012-07-02_Deimos1_Fire_Perimeter_Cortes.jpg)</p>

The full resolution images are available on request.