

Summary

Fire Danger Rating Index

According to the current information we received from BMG (Meteorology and Geophysics Agency) Balikpapan (1st-21st July 2003), for the six locations, *Samarinda* is at **Extreme** fire danger level, while *Tanjung Redeb* and *Tarakan* are at **High** level, *Tanjung Selor* is at **Medium** level, *Balikpapan* and *Nunukan* are at **Low** (see figure 1–6, FDR). In Average, the Fire Danger Rating is at a **Moderate** level. (See figure 7, Average six weather station locations).

Hot Spots

According to the NOAA Satellite Images, which have been processed by UPTD PKHL from the **1st – 21st July 2003**, there was **no hot spot detected in East Kalimantan**. Please consider that most of the area of East Kalimantan was covered by thick clouds as well as the poor quality of the images, which hampered the hot spots detection.

Report from Districts and Municipalities

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☞☞ East Kutai (Sangatta); District Forest Service

The District experienced several heavy rains during last week. The Districts and Municipalities in East Kalimantan experienced rain almost every day during last week with different intensity, otherwise cloudy.

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Visibility, Air Temperature, Humidity and 'Days Since Rain' Map

The visibility in East Kalimantan is normal, 5-20 km (see figure 15 ; Visibility). The air temperature for the western region of East Kalimantan during this week is ranged between 25-27°C, for Samarinda and its surrounding are ranged between 31-34°C and the rest area is 28-30°C (see figure 16: Temperature).

The relative humidity in East Kalimantan in general ranged between 66-80%, except for Samarinda and its surrounding are ranged lower between 51-85% (see figure 17: Relative Humidity).

The “days since rain map” showed that there were less rains over East Kalimantan during last week, for Tanjung Redep (Berau) and Tanjung Selor (Bulungan) area were no experience rained more than 7 days, areas had rained experience several day in a week are Nunukan and Tarakan (see figure 18: Days Since Rain).

Weather Forecast

The weather forecast for the next 7 (seven) days, 21st – 27th July 2003, most of East Kalimantan will be **cloudy** and **humid** (see figure 12-16; Weather forecast), except Nunukan area, which have no information.

Fire Preparedness Level

Most of the East Kalimantan Province area experienced overcast during last week, and the Fire Danger Rating Index were increasing rapidly except for Nunukan were decreasing after experienced rain in several days. There was no hot spot detected due to the thick cloud coverage over this region. ***The Province in fact is entering the dry season and therefore the preparedness for fire thread still has to be priority.***

According those data and additional information, the preparedness level for ***Samarinda, Tanjung Redep (Berau), Tanjung Selor (Bulungan), and Tarakan are Alert III***, while Balikpapan and Nunukan have normal conditions. The preparedness level for the ***East Kalimantan Province in general is Normal.***

The activities that should be carry out according the Alert III preparedness level:

1. *Patrols or tactical detection should be carried out according to the needs, depends on the local condition.*
2. *Ensure that all the fire equipments and the personnel are ready.*
3. *Continue the fire prevention programmes in the fire prone areas.*
4. *Prepare fire posts for forest and land fires*
5. *Suppresses the fires which are identified as unwanted.*

The activities that should be carry out according the Normal preparedness level:

1. *The tactical fire detection is not necessarily conducted.*
2. *Ensure all the fire equipments and personnel are ready.*
3. *Conducting awareness programs for fire prevention.*
4. *Conducting refreshing training for fire fighters.*
5. *Monitoring, evaluating and process all information and report related to land and forest fire for each Districts and Municipalities.*