

Summary

Fire Danger Rating Index

According to the current information we received from BMG (Meteorology and Geophysics Agency) Balikpapan (1st-4th August 2003), for the six locations, *Samarinda and Tanjung Redep are at **Extreme** fire danger level, while Balikpapan, Tarakan, Tanjung Selor and Nunukan are at **Medium** level (see figure 1–6, FDR). In Average, the Fire Danger Rating is at a **High** level. (See figure 7, Average six weather station locations).*

Hot Spots

According to the NOAA Satelite Images, which have been processed by UPTD PKHL from the **1st – 4th August 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



Pasir District (Technical Implementation Unit of Forest Area Management/ UPTD KPH)

The District had no rain experience for 2 weeks or more. The fire fighter are patrolling to anticipate the dry season and land clearing activity of the local people. There was no forest or land fire suppression activity.

Berau District (Technical Implementation Unit of Forest Area Management/ UPTD KPH)

The District had no rain experience for 2 weeks or more. There were land clearing activity of the local people. There was no forest or land fire suppression activity.

West Kutai (District Forest Service)

The District experienced several rains during last week. There were no forest or land fire activities reported but the fire fighter are stand by for immediate suppression activity

~~xx~~Bapedalda Balikpapan Municipalities

The municipalities had no rain experience for 2 weeks or more. There was no forest or land fire suppression activity.

~~xx~~Tarakan (Forestry, Plantation, and Cash Corps Service)

The municipalities stated at noon the weather very hot and raining at night (no information of the intensity of the rain). The fire fighter crew are stand by for immediate suppression. There was no forest or land fire suppression activity for this week.

~~xx~~East Kutai (Sangatta); District Forest Service

The District experienced several heavy rains during last week.

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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 of East Kalimantan during this for Samarinda and its surrounding, Tanjung Selor and its surrounding are ranged between 31-34°C and the rest area range 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 Samarinda, Balikpapan, Pasir and Tanjung Redep (Berau) 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, 4th – 10th August 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. 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 threat still has to be priority.***

According those data and additional information, the preparedness level for ***Samarinda, Tanjung Redep (Berau), and Tanjung Selor (Bulungan) are Alert III***, while Balikpapan, Tarakan 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.*