

## Fire Danger Rating Index

According to the current information we received from BMG (Meteorology and Geophysics Agency) Balikpapan (1<sup>st</sup>-24<sup>th</sup> June 2003), for the six locations *Tanjung Selor and Tanjung Redeb* are at **High** fire danger level, while *Samarinda and Tarakan* are at **Medium** level, *Balikpapan and Nunukan* 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).*

## Hotspots

According to the NOAA Satellite Images, which have been processed by UPTD PKHL from the **17<sup>th</sup> – 23<sup>rd</sup> June 2003**, there were **4 (four) hotspots** detected in East Kalimantan. 1 (one) hotspot detected in the Nunukan District, 2 (two) hotspots in Bulungan District and 1 (one) hotspot in Pasir District. 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

☞☞ Tarakan Municipal (Forestry, Estate Crops and Cash Crop Service)

There were several heavy rains during the last week, but the local community still lid fire for land clearing activity. On 21<sup>st</sup> of June, the Forest Fire Fighters suppress a land fire lid by local community that out of control, supported by other party. The affected area approximately 1.5 ha. The arrested suspect will be processed according to the existing regulation.

The fire fighters are stand by for the immediate fire suppression activity.

☞☞ Dinas Kehutanan Kabupaten Kutai Barat (Melak)

The District experienced several heavy rains during last week over West Kutai District.

On 18<sup>th</sup> of June, there was a land fire lid by local population that out of control in Mentiwai sub-village. The affected area approximately less than 2 ha (***clarifying the article in Kaltim Post which mentioned hundreds of hectars***).

The fire fighters are maintaining the fire equipment in a routine basis to be prepared for the dry season.

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

There was no land/forest fire reported and the District experienced several rains during last week. The fire fighters are patrolling regularly.

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

The District experienced several rains during last week. Even though there was no land/forest fire reported, the fire equipments are ready.

☞☞Kutai National Park

The national park experienced several rains during last week. The land clearing using fire activity of the local community has been decreasing. The fire fighter to prevent fire is still conducting the patrolling.

### **Humidity, Visibility and 'Days Since Rain' Information**

The relative humidity in East Kalimantan in general ranged between 66-80%.

The visibility in East Kalimantan is normal, 5-20 km .(see figure17 ; Visibility).

The "days since rain map" showed that there were several scattered rains over East Kalimantan during last week (see figure 20).

### **Weather Forecast**

The weather forecast for the next 7 (seven) days, 23<sup>rd</sup> – 30<sup>th</sup> June 2003, most of East Kalimantan will be **cloudy** or **rain** and **humid** (see figure 13-16; Weather forecast).

### **Fire Preparedness Level**

Most of the East Kalimantan Province area experienced rains during last week, but in fact this Province is entering the dry season.

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

*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 equipment and the personnel is 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.*