

Summary

Fire Danger Rating Index

According to the current information we received from BMG (Meteorology and Geophysics Agency) Balikpapan (1st-8th August 2003), for the six locations, Samarinda is at **High** fire danger level, and Nunukan is at **Medium** level, while Balikpapan, Tanjung Redep, Tanjung Selor and Tarakan are at **Low** level. (see figure 1–6, FDR). In Average, the Fire Danger Rating is at a **Low** 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 **2nd - 8th September 2003**, there were 4 **hotspots detected in East Kalimantan, they are 2 hotspots in Kutai Kartanegara district, 1 hotspot in Kutai Barat district and 1 hotspot in Tanjung Redep district (Berau)**.. 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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✍✍ Samarinda Municipalities (Technical Implementation Unit of Forest and Land Fire Controlling/ UPTD PKHL)

The UPTD PKHL report that there were land fire on September 9th in Samarinda Utara District, it's location is close to Training and Research Forestry (Kebun Raya Samarinda/KRS). The fire lid by local people for land clearing activity and had suppressed by fire fighter of KRS. The burnt area are about 10 ha.

✍✍ Report from others district/municipalities, they experience rain for this week, no report about forest fires activity.

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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 are ranged between 31-34°C and the rest area range is 28-30°C or lower (see figure 16: Temperature).

The relative humidity in East Kalimantan in general ranged between 66-100% (see figure 17: Relative Humidity).

The "days since rain map" showed that there were rains over the northern of East Kalimantan during last week, but less rain for southern of East Kalimantan. (see figure 18: Days Since Rain).

Weather Forecast

The weather forecast for the next 7 (seven) days, 08th– 14th 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 decreasing rapidly, except for Samarinda. There was 4 hot spot only detected due to the thick cloud coverage over this region. ***The Province in fact is still in 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, Tarakan, Balikpapan, Tanjung Selor, Tanjung Redep 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 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.*