

Internal Hotspot Monitoring Weekly Report for 2022

NOV2022_WK02

07 November 2022 – 13 November 2022
Malaysia & Indonesia



Overview



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RSPO Principles & Criteria 2018

Related Criteria

There is **no use of fire for pest control** unless in exceptional circumstances

7.1.3

Criteria 7.1

The unit of certification **does not use open fire for waste disposal.**

7.3.3

Criteria 7.3

The unit of certification **establishes fire prevention and control measures** for the areas directly managed by the unit of certification

7.11.2

Criteria 7.11



RSPO ISH Standard 2019 - Related Criteria

Smallholders complete training on best management practices (BMPs) for peat. The group has an **action plan to minimise risk of fire**, to apply BMPs for planting on peat and manage water systems in the certification unit.

4.4 MSA

Criteria 4.4

Smallholders **implement** the group's **action plan based on BMPs**, including **fire** and water management, and monitoring of subsidence rate for existing planting on peat.

4.4 MSA

Criteria 4.4

Fire is not used on the oil palm plot **for preparing land** or for **pest control**, nor open fire for **waste management** on the farm.

4.6 E,
4.6 MSA,
4.6 MSB

Criteria 4.6



Weekly Analysis

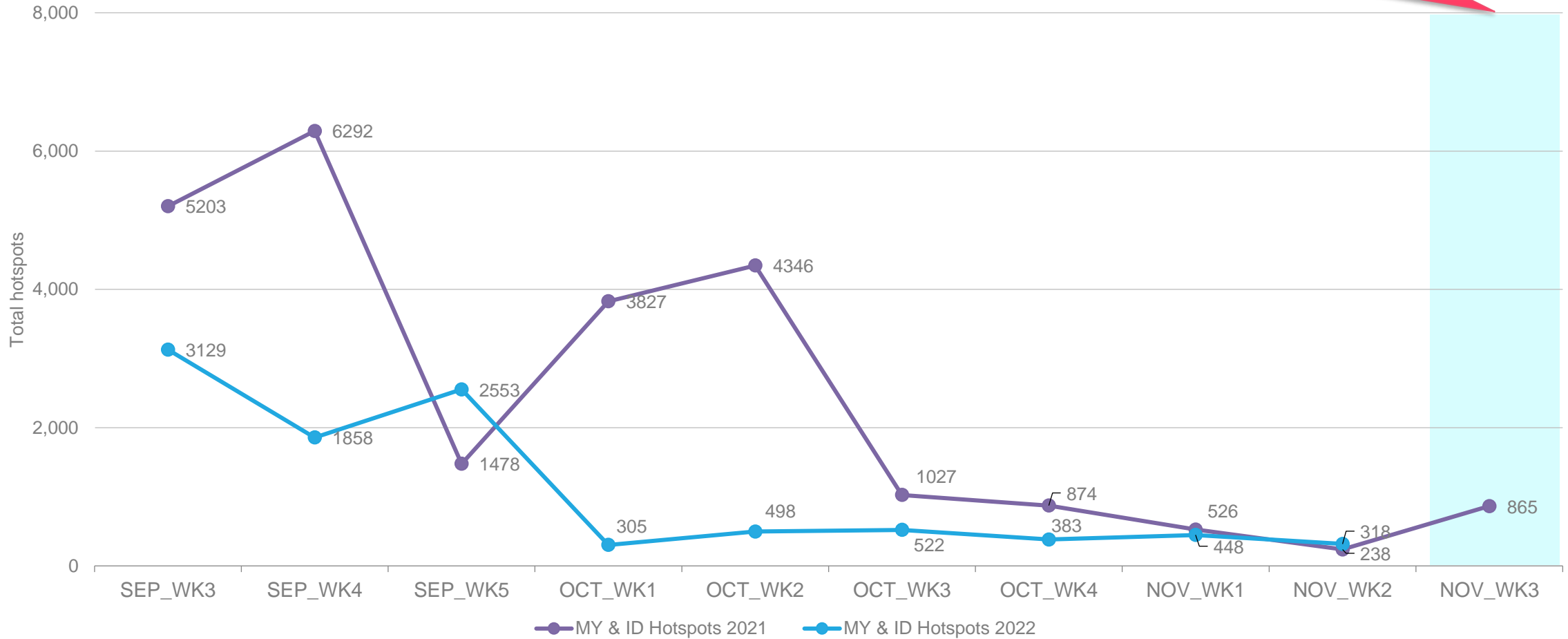
Comparison to 2021 trend
Comparison to previous 10 weeks

07 November 2022 – 13 November 2022

Comparison to 2021: All hotspots



The number of hotspots for next week (Nov 2022: 3rd week) is predicted to be **increase** in the region as compared to 2021 hotspot trend

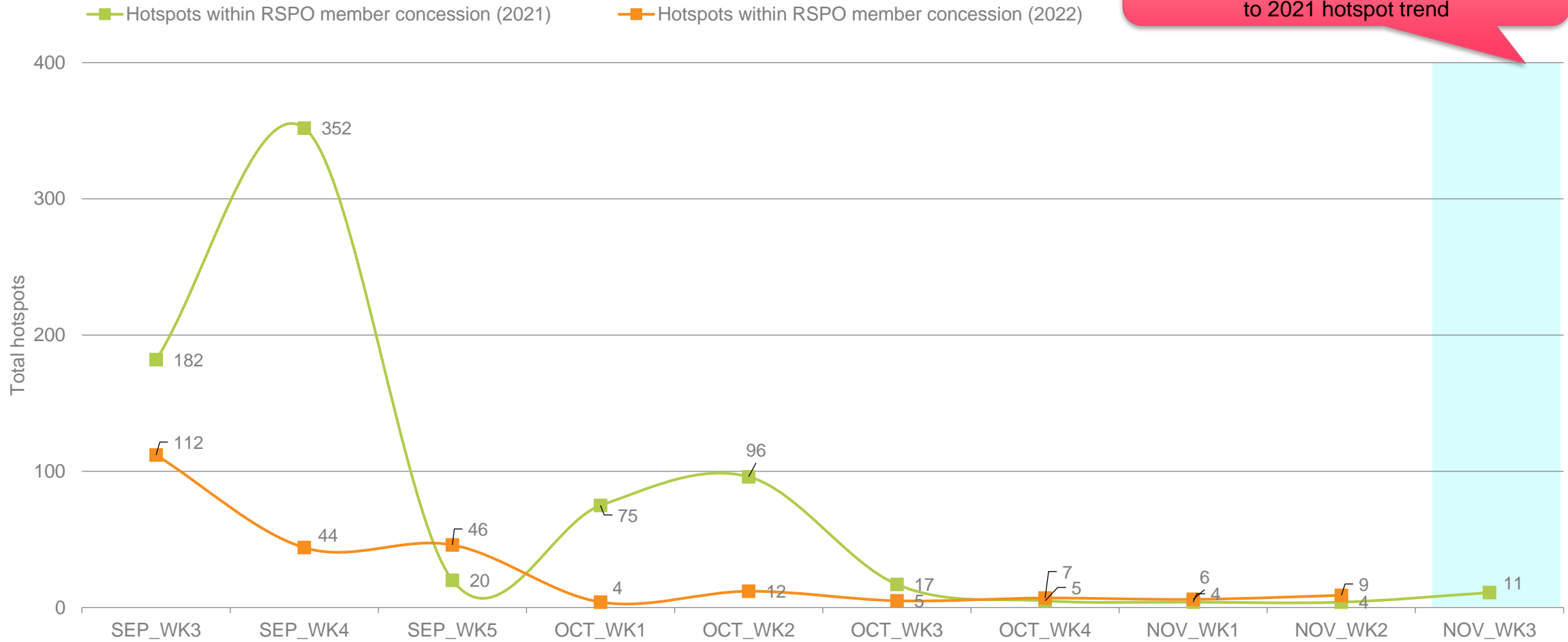


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Comparison to 2021: Hotspot within RSPO Member Concession



The number of hotspots within RSPO member is expected to be **higher** for next week (Nov 2022: 3rd week) as compared to 2021 hotspot trend

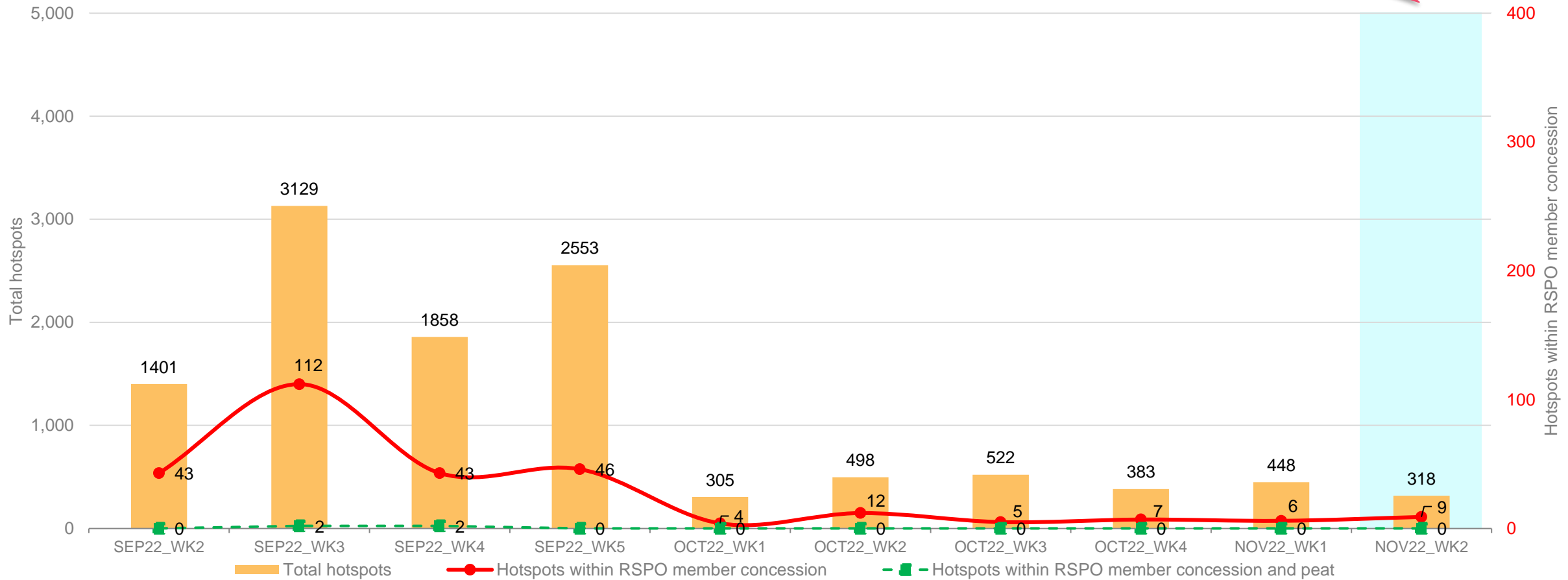


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Weekly trend from last 10 weeks



Slightly lower in hotspot count than previous week



07 November 2022 – 13 November 2022



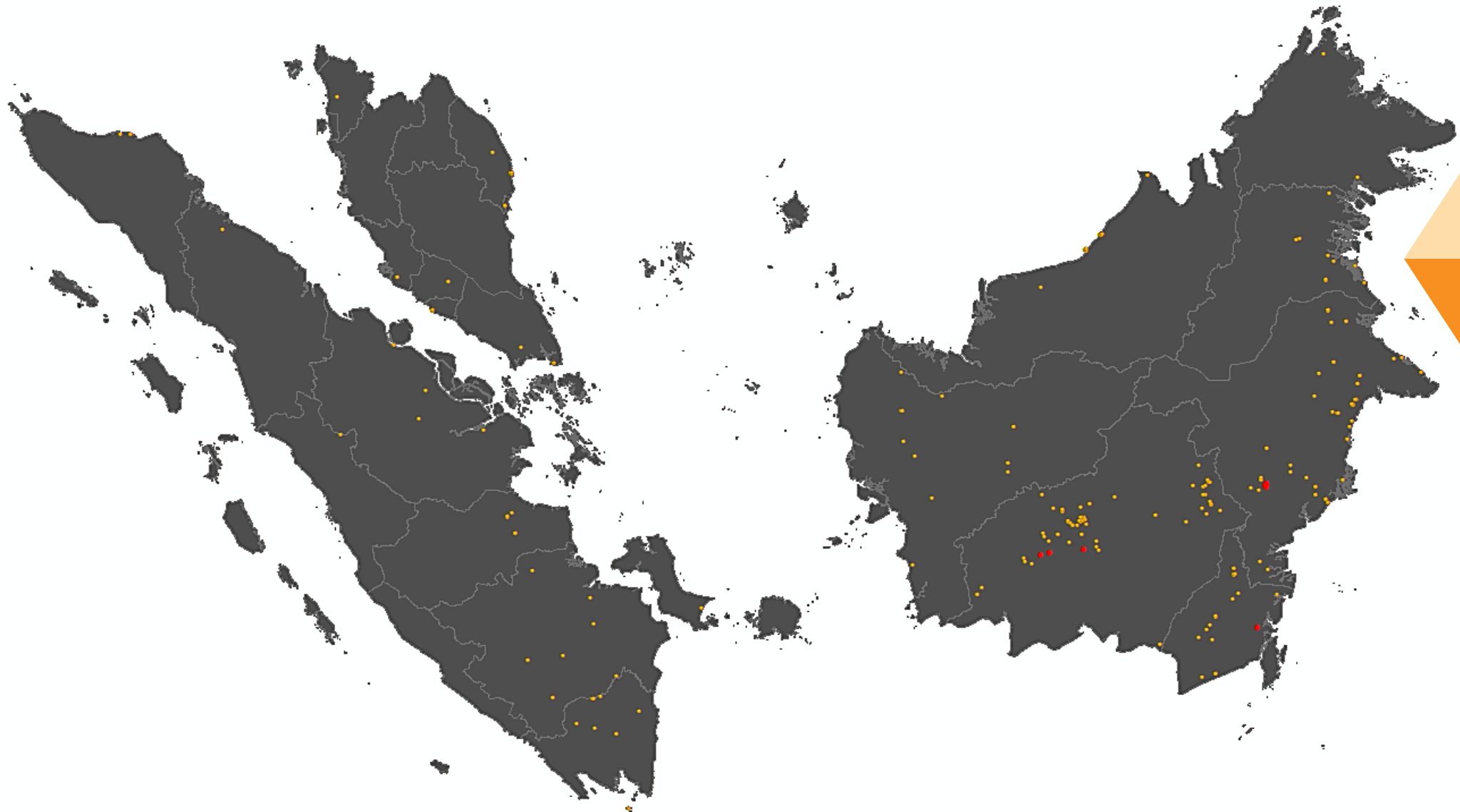
Weekly Hotspot Map

Malaysia & Indonesia
(Sumatera & Kalimantan) Region



07 November 2022 – 13 November 2022



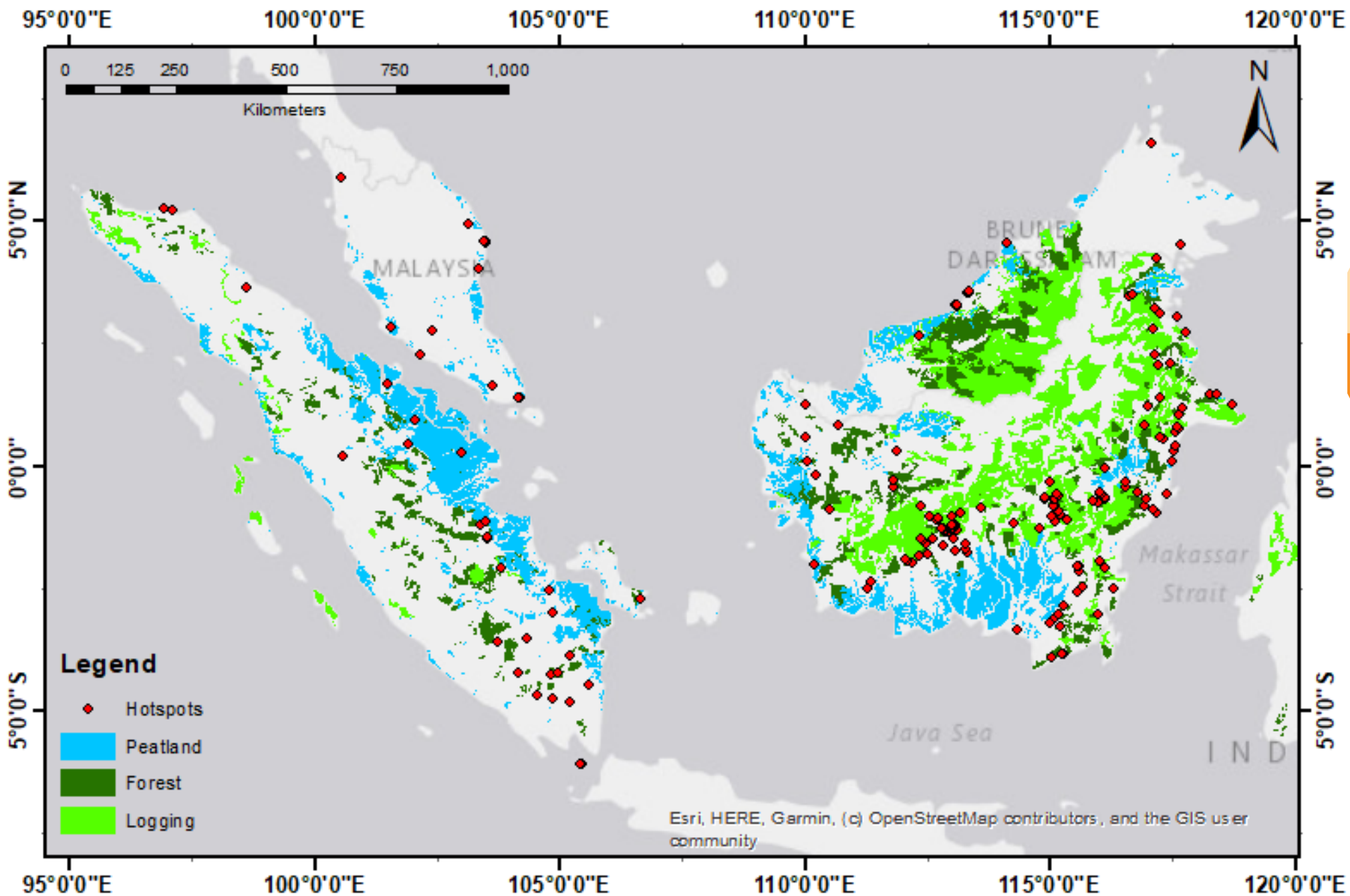
Hotspot Tabulation Map



Legend:

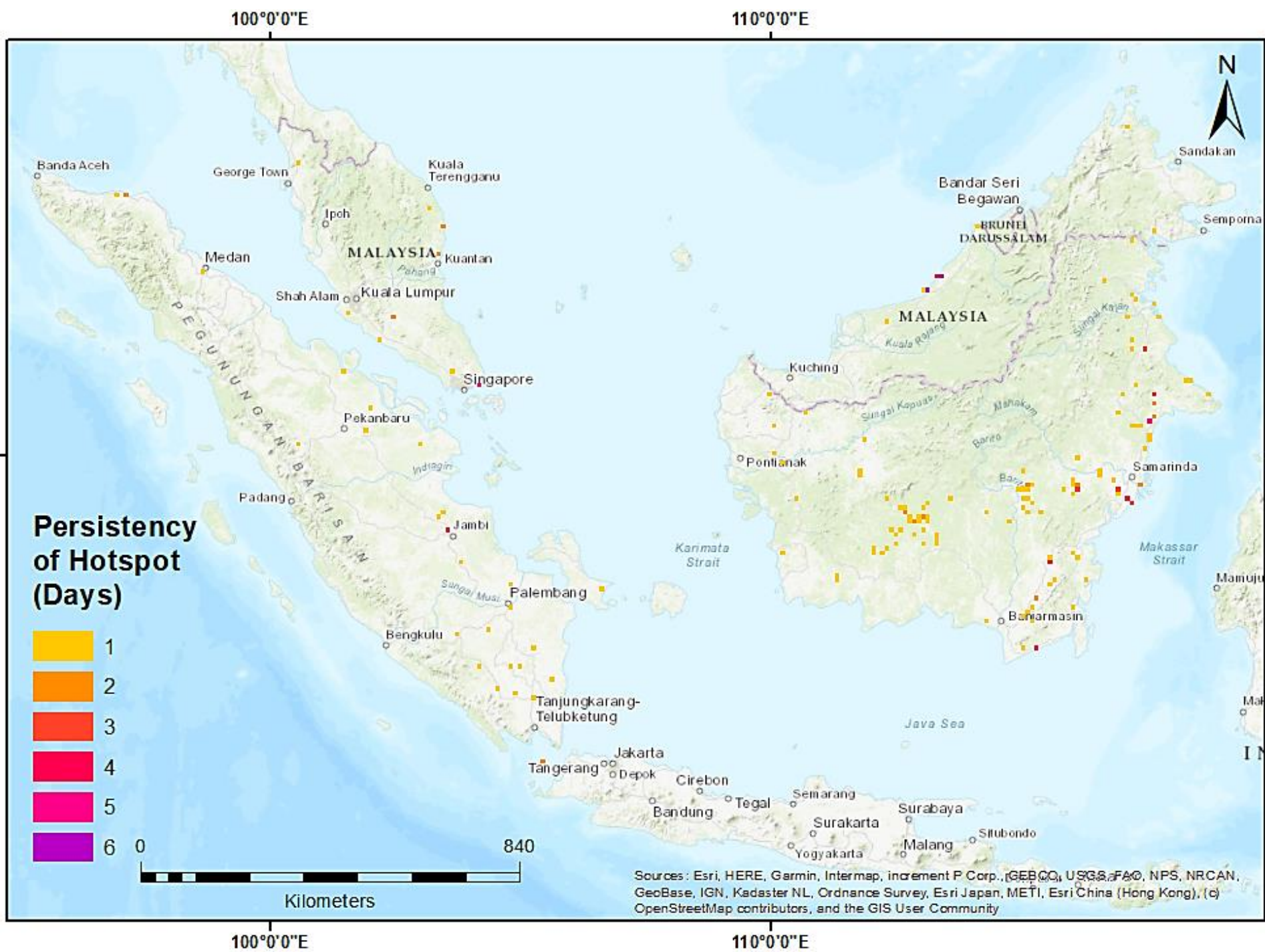
	Hotspot within RSPO member concession
	Hotspot detected by satellite sensor

07 November 2022 – 13 November 2022





Hotspot Persistency Map



Each grid represents the number of days hotspots were detected within the 10km X 10km grid between 07 November 2022 – 13 November 2022

07 November 2022 – 13 November 2022

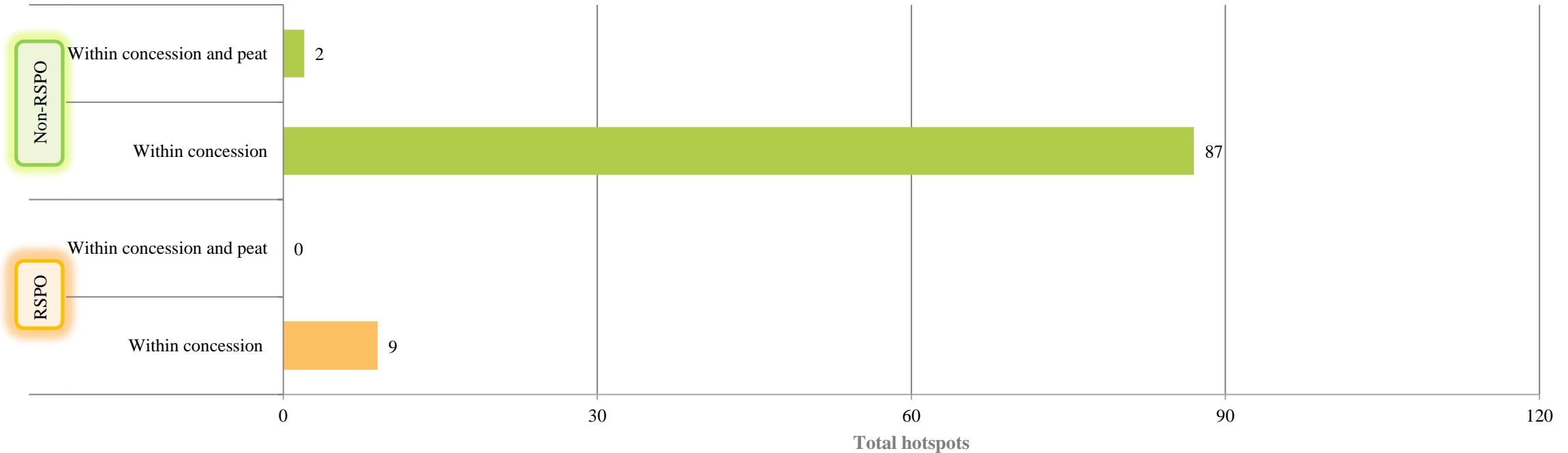


NOV2022_WK02 Hotspot

**Malaysia & Indonesia
(Sumatera & Kalimantan) Region**

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RSPO vs non-RSPO comparison



* Non RSPO Oil Palm Concession location data was derived from data downloaded from the Greenpeace website (<http://www.greenpeace.org/seasia/id/Global/seasia/Indonesia/Code/Forest-Map/en/data.html>).

The website states that these data was "compiled by Greenpeace (2015) based on agriculture plantations maps, provided by the Planning Department of the Ministry of Forestry, Indonesia, downloaded on July 29 2010 (appgis.dephut.go.id/appgis/kml.aspx), supplemented and updated by Greenpeace in several provinces with data gathered from provincial agencies (BPN/BAPPEDA) and corporate submissions, such as to the Roundtable on Sustainable Palm Oil (RSPO)."

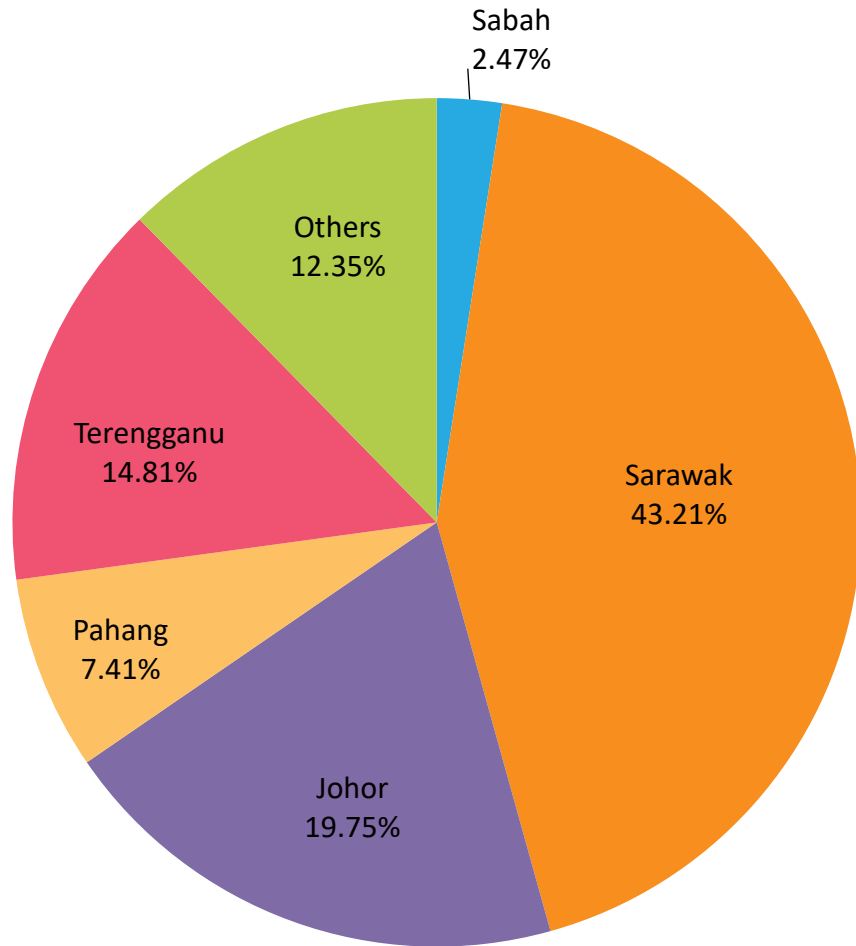
As such the data probably overstates the extent of oil palm plantations in some cases, as there are many licenses granted and the oil palm plantation has not been developed. In other cases, it may understate the extent of plantations as it does not take into account smallholders. Nevertheless, this appears to be the best data available of ALL oil palm in Indonesia.

The RSPO concession boundary data was overlaid with this data in the GIS and RSPO concessions were "clipped" out of this data, leaving only "non-RSPO" concessions.

Non-RSPO*: ~19,000,000 ha

RSPO: ~ 4,500,000 ha

Distribution of Hotspots by State in Malaysia

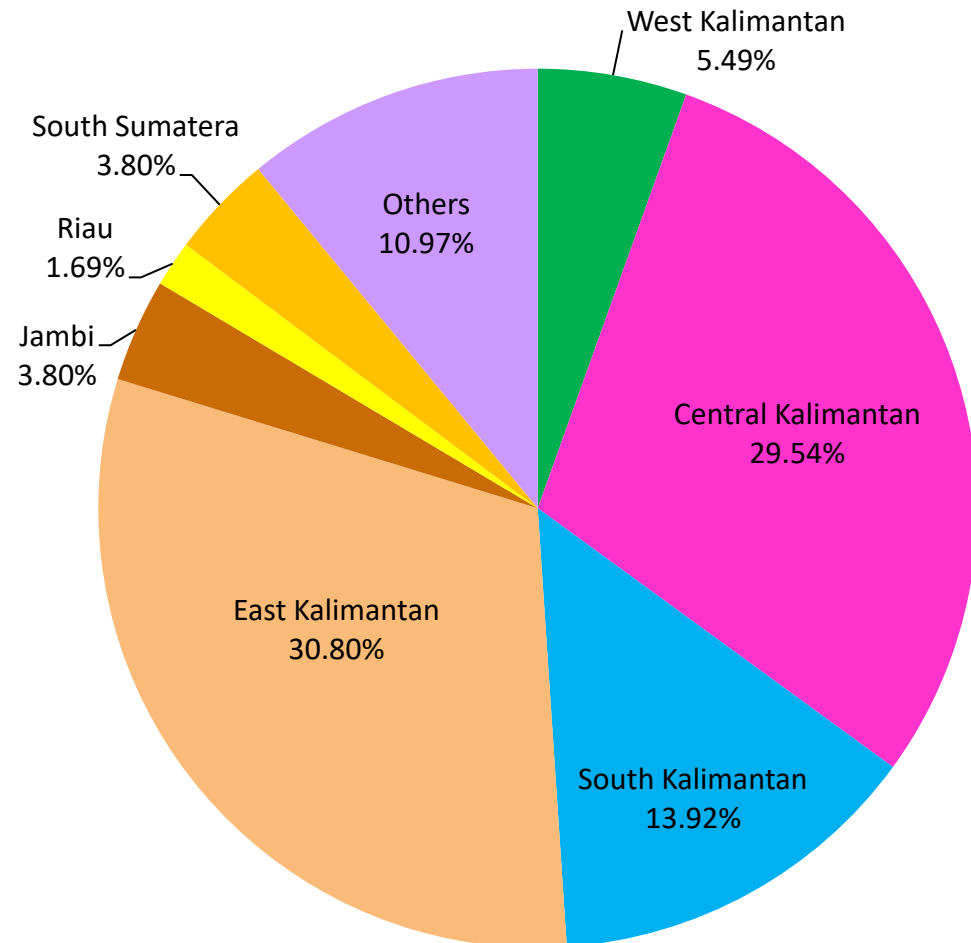


STATE	TOTAL
Sabah	2
Sarawak	35
Johor	16
Pahang	6
Terengganu	12
Others	10
Total	81

Distribution of Hotspots by Region in Indonesia



REGION	TOTAL
West Kalimantan	13
Central Kalimantan	70
South Kalimantan	33
East Kalimantan	73
Jambi	9
Riau	4
South Sumatera	9
Others	26
Total	237



Hotspots in RSPO members (State/Province)



No. of Member/s	Date of Acquisition	District/Regency	Province/State	Country	No. of Hotspots	Total no. of Hotspots
1	9-Nov-22	West Kutai	East Kalimantan	Indonesia	2	5
	12-Nov-22				1	
	13-Nov-22				2	
1	10-Nov-22	East Kotawaringin	Central Kalimantan	Indonesia	1	2
	11-Nov-22				1	
1	12-Nov-22	Katingan	Central Kalimantan	Indonesia	1	1
1	13-Nov-22	Kotabaru	South Kalimantan	Indonesia	1	1
4				Total Hotspots		9

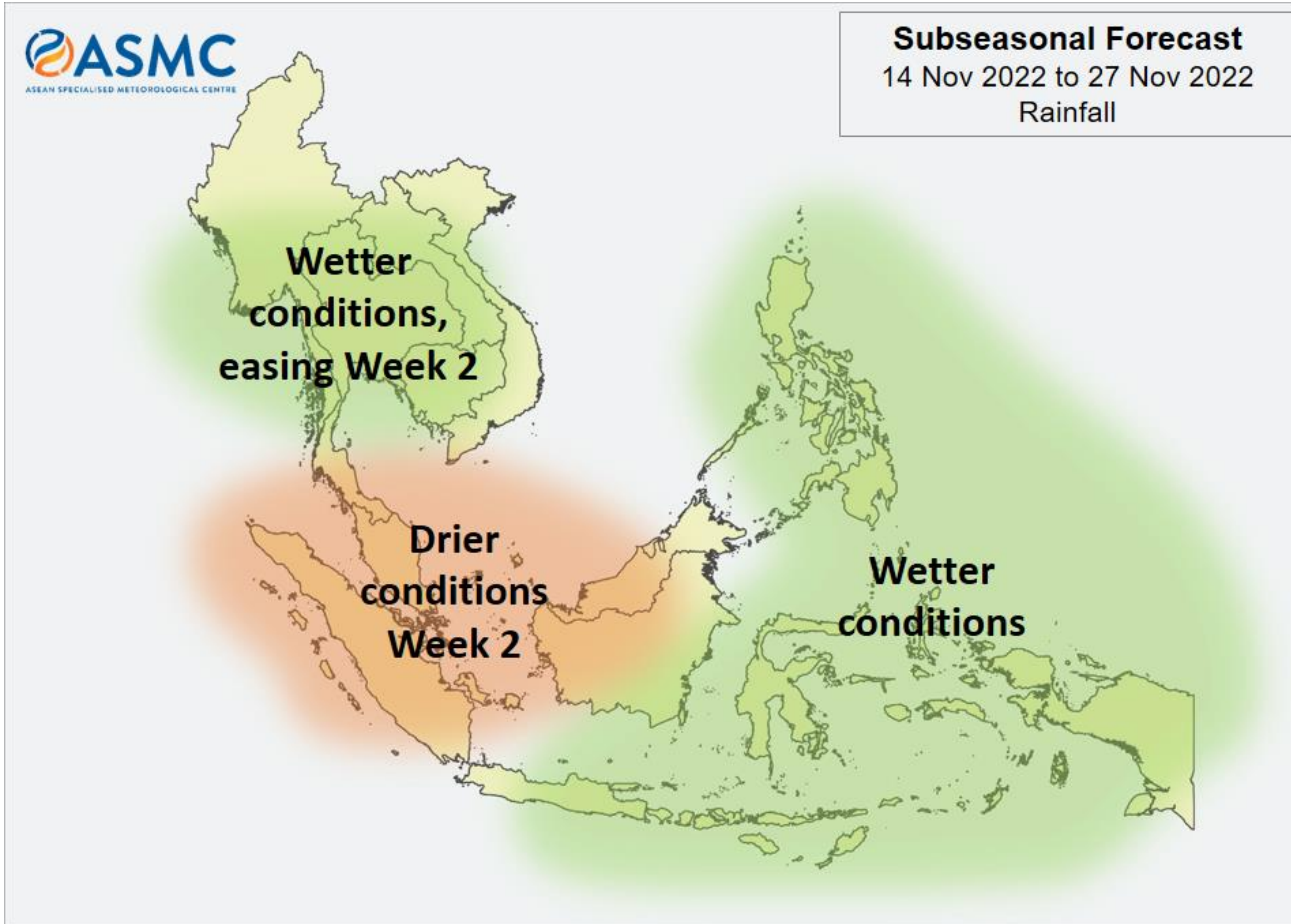


ASEAN Weather Outlook

Source: The ASEAN Specialised Meteorological Centre

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Regional Weather & Haze Outlook



Alert Level

- **LEVEL 0** Stay vigilant.
- **LEVEL 1** Dry season for the Southern ASEAN region.
- **LEVEL 2** Exceeding 150 hotspots in 2 consecutive days in Northern ASEAN with dense smoke plumes; dry weather persisting; and prevailing winds blowing from the Mekong sub-region. Increasing risk of transboundary haze in the region.
- **LEVEL 3** Significant and persistent hotspot activities with widespread moderate to dense smoke haze observed over 2 or more consecutive days; dry weather persisting; and prevailing winds blowing towards ASEAN countries.

In the past week, there have been widespread showers over most parts of the southern ASEAN region which has helped to subdue the overall hotspot activity in the region and no significant smoke haze was observed from satellite imagery.

As the prevailing wet weather is forecast to persist over the southern ASEAN region in the coming days, the hotspot activity is expected to remain subdued

The weather was rainy over the southern ASEAN region and the Philippines today while cloudy and relatively dry conditions were observed over much of the Mekong sub-region. The weather is forecast to be wet across the southern ASEAN region and the Philippines, while drier conditions are expected mainly over northwestern parts of the Mekong sub-region. The hotspot situation in the region is likely to stay subdued, except for isolated hotspots which may develop in drier regions.

Alert by RSPO:

For the following week, RSPO Secretariat would like to recommend the following measures to Members:



DRY SEASON area

(as forecast to northwestern Mekong sub-region)

- Please alert to the Fire Danger Rating System (FDRS) indicator board especially in the fire prone area
- Supply appropriate well-maintained fire mitigation tools (fire extinguisher, fire truck)
- Establish of fire break (wide road, vacant land) within the planted area
- Inform workers and communities about the fire drill procedure
- Minimize outdoor activities and stay hydrated if the haze season occurred



Integrated Fire Management Training conducted by PT Austindo PT Austindo Nusantara Jaya Agri

WET WEATHER area

(as forecast for southern ASEAN region)

- High risk of surface runoff in the estate area which may result in erosion and landslide
- Stay vigilant of water level and keep informed on local news of the flood in high-risk area
- Tendency for the formation of road potholes, which may necessitate additional maintenance and repair costs.
- Stay inside during thunderstorms and blizzards. Stay off the landline phone and computer during a storm.
- Wear appropriate rain gear for employees working in the rain

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Background image:
Fire fighting in action conducted by Daabon Group



Find out more at
www.rspo.org