Situation overview & potential additional flooded areas after the collapse of the Xe-Namnoy dam, river overflow and heavy rains.

**Overview:**
- As of 23 July, Xe-Namnoy dam collapsed.
- As of 25 July: Flood detected along both banks of Vang Ngao river in the areas of Ban Dorfai, Ban San Keo.
- As of 25 July: Flood detected along both banks of Xe Kong river in (Ban Thapun, Ban Phonsa-at, Ban Sempo, Ban Nong Kham).
- (Ban Thahin-tai, Ban Ouk Tai).

**Areas and villages that could be affected in the coming days:**
- (Ban Mai, Ban Hinlat, Ban Samong-tai, Ban Thasaengchan).

**Legend:**
- Collapsed dam
- Village at risk
- Flooded village
- Operational dam
- Planned dam
- Dam under construction
- Local/Urban Road
- Reference water
- District boundary
- Province boundary
This analysis illustrates situation along Xenong river, up and down stream, along Vang Ngao River (13-25 July 2018)

**INSET 1: Upstream Vang Ngao river**

Pre Image: Sentinel-1 / 13 July 2018  
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106°36'11.454"E  14°59'29.663"N
As of 10 July 2018 the reservoir controlled by the operational dam is full of water.

Pot Image: Sentinel-1 / 25 July 2018  
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106°36'11.454"E  14°59'29.663"N
As of 24 July 2018 there is a clear decrease in the size of the reservoir and its water levels. Inundated areas along Vang Ngao river valley.

**INSET 2: Downstream Vang Ngao river**

Pre Image: Sentinel-1 / 13 July 2018  
Copyright: © ESA 2018

106°29'53.103"E  14°43'57.569"N
As of 13 July 2018 some inundated areas and saturated soils are visible along both river banks of Vang Ngao river

Pot Image: Sentinel-1 / 25 July 2018  
Copyright: © ESA 2018

106°29'53.103"E  14°43'57.569"N
As of 25 July 2018 there is a clear increase of flood affected areas (Ban Mai, Ban Hilat, Ban Samong-tai, Ban Thasaengchan)
This analysis illustrates situation along Xerong river, up and down stream, along Xe Kong River (13 - 25 July 2018)

INSET 3: Upstream Xe Kong river

Pre Image: Sentinel-1 / 13 July 2018
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106°53'13.967"E  14°54'34.8"N
As of 24 July 2018 an increase in inundated areas and saturated soils are visible upstream Xe Kong river

INSET 3: Upstream Xe Kong river

Post Image: Sentinel-1 / 25 July 2018
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106°53'13.967"E  14°54'34.8"N
As of 25 July 2018 there is a clear increase of flood affected areas (Ban Thahin-tai)

INSET 2: Downstream Xe Kong river

Pre Image: Sentinel-1 / 13 July 2018
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106°36'15.854"E  14°39'3.619"N
As of 13 July 2018 some flood inundated areas and saturated soils are visible along both river banks of Xe Kong river

INSET 2: Downstream Xe Kong river

Post Image: Sentinel-1 / 25 July 2018
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106°36'15.854"E  14°39'3.619"N
As of 25 July 2018 there is a clear increase of flood affected areas (Ban Thahin-tai)