Overview: Observed & Potential Situation

As of 23 July, Xe-Namnoy dam collapsed.

23 - 24 July
Flood in Vang Ngao River Valley

As of 25 July
Flood detected along both banks of Vang Ngao river

Sanamxay

As of 25 July
Flood detected along both banks Xe Kong river

Attapeu

Areas and villages that could be affected in the coming days (Ban Dorfai, Ban San Keo)

Pathoomphone

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.

INSET 1: Upstream Vang Ngao river
Post 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
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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

INSET 2: Downstream Vang Ngao river
Post Image: Sentinel-1 / 25 July 2018
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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 Xe Kong 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 10 July 2018 some inundated areas and saturated soils are visible upstream Xe Kong river

INSET 3: Upstream Xe Kong river
Pot Image: Sentinel-1 / 25 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 upstream Xe Kong river (Ban Xakhe).

INSET 2: Downstream Xe Kong river
Pre Image: Sentinel-1 / 13 July 2018
Copyright: © ESA 2018

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
Pot 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)