

Tay Local Plan District (LPD 8)

Draft Flood Risk Management Strategy 2021-2027

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Draft Flood Risk Management Strategy 2021-2027



The Tay Local Plan District covers around 6,100km² and has a population of approximately 160,000 people. It spans from the southern part of the Cairngorms National Park all the way to the Firth of Tay. The Local Plan District includes a 74km stretch of the inner Firth of Tay coastline, where the River Tay and the River Earn meet. It includes the urban areas of Aberfeldy, Alyth Blairgowrie, Comrie, Dunkeld, Forfar, Perth and Pitlochry.

There are urban and agricultural areas to the east and more rural, mountainous and forested areas to the west. There are many large lochs and reservoirs, including Loch Ericht, Loch Rannoch and Loch Tay. The main rivers are the Earn and Tay. The River Tay is Scotland's longest river at 190km, and its main tributaries include the River Garry, River Tummel, River Lyon, River Braan, River Isla and River Almond.

There is a river, surface water and coastal flood risk. A number of large floods have affected this Local Plan District. Recently, intense rainfall in August 2020 caused extensive surface water flooding in Perth and many other towns. Further extensive surface water floods were recorded in July 2015 following intense rainfall. Storms Desmond and Frank in December 2015 caused river flooding, affecting many areas within the Local Plan District. Extensive flooding in the early 1990s, notably in 1993, resulted in the construction of the Perth Flood Protection Scheme. Other formal flood protection schemes have been constructed within the Local Plan District including in Almondbank, Bridge of Earn, Comrie, Kirriemuir, and Weem.

Currently it is estimated that there are around 13,000 people and 9,000 homes and businesses at risk from flooding. This may increase to 21,000 people and 13,000 homes and businesses by 2080s due to climate change. The expected annual cost of flooding over a long period of time is around £11.4 million.

SEPA lead development of the Flood Risk Management Strategies for Scotland and delivery of flood warning services. Local flood risk management planning in the Tay Local Plan District is led by Perth and Kinross Council, as the lead local authority. Other

responsible authorities include three more local authorities, Scottish Water, Loch Lomond and the Trossachs National Park Authority and Cairngorm National Park Authority. They are supported by Scottish Government agencies including Forestry and Land Scotland, Scottish Forestry and Transport Scotland.

Within this Local Plan District, actions are regularly carried out by SEPA and responsible authorities to help prepare communities for potential flooding and reduce the impact of any flooding that does occur. More information on these actions will be added to this section for 22 March 2021.

Potentially Vulnerable Areas (PVA) were designation in 2018 based on the potential current or future risk from all sources of flooding. This designation was informed by the National Flood Risk Assessment ([link](#)). As part of continued analysis of flood risk, the National Flood Risk Assessment and PVAs will be reviewed every six years to take on board any new information. There are 14 PVAs within this Local Plan District. Following sections provide more information on these areas.

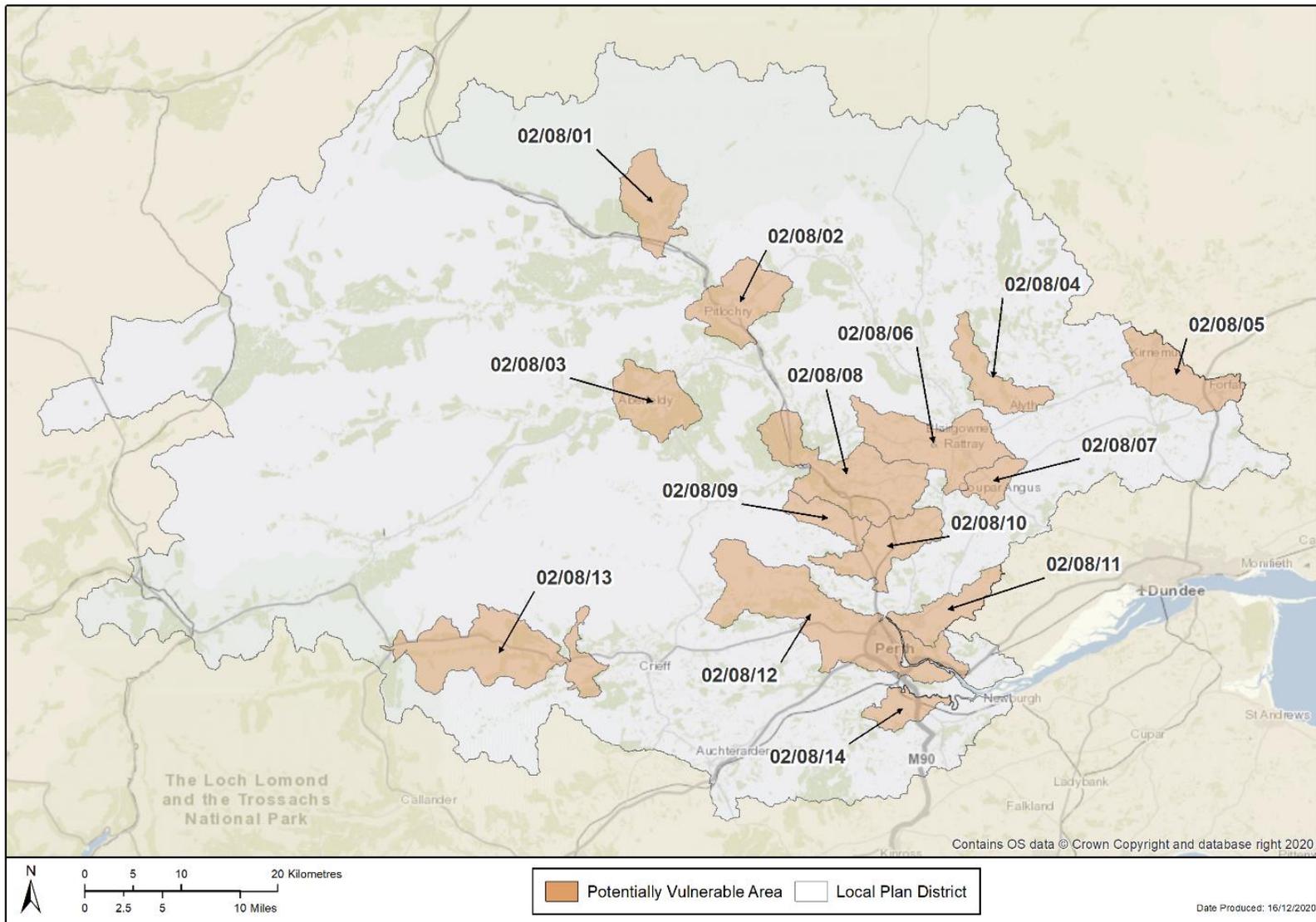


Figure 1. Potentially Vulnerable Areas in Tay Local Plan District

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Click the [blue text](#) to select your area of interest

PVA Ref	PVA NAME	Local Authority
02/08/01	Blair Atholl	Perth & Kinross
02/08/02	Pitlochry	Perth & Kinross
02/08/03	Aberfeldy and Weem	Perth & Kinross
02/08/04	Alyth	Perth & Kinross
02/08/05	Kirriemuir and Forfar	Angus
02/08/06	Blairgowrie and Rattray	Perth & Kinross
02/08/07	Coupar Angus	Perth & Kinross
02/08/08	Dunkeld and Birnam	Perth & Kinross
02/08/09	Bankfoot	Perth & Kinross
02/08/10	Luncarty	Perth & Kinross
02/08/11	Scone	Perth & Kinross
02/08/12	Perth and Almondbank	Perth & Kinross
02/08/13	Comrie	Perth & Kinross
02/08/14	Bridge of Earn	Perth & Kinross

02/08/01 (Blair Atholl)

This area is designated as a Potentially Vulnerable Area due to flood risk to Blair Atholl. The main source of flooding is River Garry and small watercourses. There is a history of flooding in this area, with recent floods occurring as a result of river flooding from the River Garry.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Blair Atholl (Target Area 172)

02/08/02 (Pitlochry)

This area is designated as a Potentially Vulnerable Area due to flood risk to Pitlochry. The main source of flooding is the River Tummel and small watercourses. There is a history of flooding in this area including recent flooding in August 2020.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Pitlochry (Target Area 254)

02/08/03 (Aberfeldy and Weem)

This area is designated as a Potentially Vulnerable Area due to flood risk to Aberfeldy and Weem. The main source of flooding is the River Tay and Moness Burn, and there is also risk from surface water. There is a history of flooding in this area, with recent floods being caused by surface water.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Weem (Target Area 182)
Aberfeldy (Target Area 183)

02/08/04 (Alyth)

This area is designated as a Potentially Vulnerable Area due to the flood risk at Alyth. The main source of flooding is the Alyth Burn. There is a history of flooding in this area, with recent flooding recorded in August 2020.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Alyth (Target Area 189)

02/08/05 (Kirriemuir and Forfar)

This area is designated as a Potentially Vulnerable Area due to flood risk to Kirriemuir and Forfar. The main source of flooding is surface waters. There is also risk of river flooding to Forfar from the Dean Water and to Kirriemuir from the Gairie Burn. There is a history of flooding in this area, with recent floods being caused by surface water.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Forfar (Target Area 230)
Kirriemuir (Target Area 241)

02/08/06 (Blairgowrie and Rattray)

This area is designated as a Potentially Vulnerable Area due to flood risk to Blairgowrie and Rattray. The main source of flooding in Blairgowrie is surface water. There is a history of flooding in this area with recent flooding recorded in August 2020.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

[Blairgowrie and Rattray](#) (Target Area 199)

02/08/07 (Coupar Angus)

This area is designated as a Potentially Vulnerable Area due to flood risk to Coupar Angus. The main source of flooding is the Coupar Burn and surface water. There is history of flooding in this area with recent floods caused by river flooding.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

[Coupar Angus](#) (Target Area 214)

02/08/08 (Dunkeld and Birnam)

This area is designated as a Potentially Vulnerable Area due to flood risk to Dunkeld and Birnam, Dalguise and Spittalfield. The main source of flood risk is the River Tay, the River Braan and small watercourses in Dunkeld and Birnam. The main source of flood risk in Dalguise and Spittalfield is the River Tay. There is history of flooding in the area.

There are 3 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Spittalfield	(Target Area 179)
Dunkeld and Birnam	(Target Area 225)
Dalguise	(Target Area 273)

02/08/09 (Bankfoot)

This area is designated as a Potentially Vulnerable Area due to flood risk to Bankfoot. The main source of flooding is the Garry Burn and Glenhauch Burn. There is a history of flooding in this area, with recent floods being caused by river and surface water.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Bankfoot	(Target Area 194)
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02/08/10 (Luncarty)

This area is designated as a Potentially Vulnerable Area due to flood risk to Luncarty. The main source of flooding is the River Tay and its tributaries. River flood risk is likely to increase significantly because of climate change. A number of floods have been recorded in this area.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Luncarty	(Target Area 247)
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02/08/11 (Scone)

This area is designated as a Potentially Vulnerable Area due to flood risk to Scone. The main source of flooding is the Annaty Burn and surface water. There is a history of flooding in this area, with recent floods caused by both river and surface water flooding.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Scone (Target Area 255)

02/08/12 (Perth and Almondbank)

This area is designated as a Potentially Vulnerable Area due to flood risk to Almondbank, Methven and Perth. The main source of flooding in Almondbank and Methven is river flooding. The main sources of flooding in Perth are small watercourses and surface water. Perth and Almondbank benefit from flood protection schemes. There is a long history of flooding in these areas, with recent flooding from surface water and small watercourses recorded in August 2020.

There are 3 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Almondbank (Target Area 187)
Methven (Target Area 249)
Perth (Target Area 253)

02/08/13 (Comrie)

This area is designated as a Potentially Vulnerable Area due to flood risk to Comrie. The main source of flooding is the River Earn, River Lednock and the Water of Ruchill. There is also risk of flooding from surface water. There is a history of flooding with significant floods recorded in 2015 and 2016 during Storm Frank.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Comrie (Target Area 213)

02/08/14 (Bridge of Earn)

This area is designated as a Potentially Vulnerable Area due to flood risk to Bridge of Earn. The main source of flooding is river flooding from the River Earn, Deich Burn and Yellow Burn. A flood protection scheme offers some protection against flooding in this area. There is also risk of surface water flooding. There is history of flooding in this area, with recent flooding recorded in 2015, 2016, and 2020.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

List of target areas

Bridge of Earn (Target Area 205)