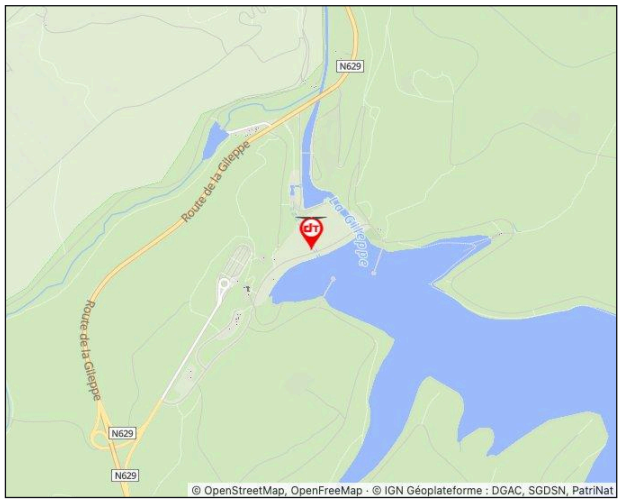
Drone footage of Barrage de la Gileppe, Gileppe Dam, Music: "A Solitary Life" by Artefact

Unusual · Belgium

GPS coordinates	50.58898, 5.97394
Elevation	291 m
Maximum height	120 m max
Access	Direct access by car
Nearest aerodrome	Theux (Verviers) Airfield (EBTX) 9.3 km SW · spot 44 m lower
Spot reference	298219



Spot location and restrictions (Drone-Spot map image)

Sun (local times, UTC+01:00)

Day	Dawn	Sunrise	Sunset	Dusk	Day length	Golden hour
Sat 21 Nov	07:24	08:01	16:43	17:20	8 h 42	08:01–08:54 · 15:49–16:43
Sun 22 Nov	07:25	08:02	16:42	17:19	8 h 40	08:02–08:56 · 15:48–16:42
Mon 23 Nov	07:27	08:04	16:41	17:18	8 h 37	08:04–08:58 · 15:47–16:41

Nearby aerodromes

Aerodrome	Type	Distance	Elevation
Theux (Verviers) Airfield	Aerodrome	9.3 km SW	335 m
Spa (la Sauvenière) Airfield	Aerodrome	13 km S	482 m
Francorchamps heliport	Heliport	15 km S	480 m
Aachen Hospital Heliport	Heliport	21 km N	212 m

Description

Wikipedia: The Gileppe Dam (French Barrage de la Gileppe) is an arch-gravity dam on the Gileppe river in Jalhay, Liège province, Wallonia, Belgium. It was built in the 1870s to supply water for the wool industry in nearby Verviers. The monumental structure with its unusually thick profile played an important role in establishing an international standard for masonry gravity dams as a technology for major water supply systems. It was considered one of the strongest dams in Europe at the time, and it was the first dam built in modern Belgium. In the first decade of the 21st century, it was noted as supplying most of the drinking water for Verviers, as well as industrial water, and as producing hydroelectricity.

Scan to open the up-to-date spot page: weather, map and restrictions.

https://www.drone-spot.tech/en/fiche-spot.aspx?id=298219

Before every flight: check the UAS zones map, NOTAMs and temporary areas, the weather and the Kp index.

Preparing the flight

Pre-flight Check-List

- ☐ Area checked: UAS zones, restrictions, protected areas
- ☐ NOTAMs and temporary areas checked
- ☐ Weather: wind, gusts, rain, visibility; Kp index
- ☐ Operator number displayed on the drone
- ☐ Training certificate or licence with me
- ☐ Third-party liability insurance checked
- ☐ Batteries charged: drone, controller, phone
- ☐ Propellers, motors and frame in good condition
- ☐ Memory card inserted and empty
- ☐ Software up to date, compass and IMU calibrated
- ☐ Return to home: home point and return height set
- ☐ Electronic signalling or remote ID active
- ☐ Take-off area clear, people informed and at a distance
- ☐ Observer present for FPV flights

Key rules of the open category

This country applies the European drone rules (open category); it may add its own zones and conditions.

- Maximum height: 120 m above the ground, lower where a restriction requires it.
- Always keep the drone in sight; when flying FPV, an observer keeps it in sight next to you.
- Never fly over crowds and keep the distances of your subcategory (A1, A2 or A3).
- Respect UAS geographical zones: around aerodromes, prohibited or restricted areas, protected areas, sensitive sites.
- Register as an operator if the drone weighs 250 g or more or carries a camera (toys excepted), and display the number on the drone.
- Training: online A1/A3 certificate from 250 g or for a class C1 drone; A2 certificate to fly closer to people with a class C2 drone.
- Always give way to manned aircraft and land if one approaches.
- Respect privacy: no images that identify people without their consent; aerial photography is prohibited in some areas.
- Check your third-party liability insurance.

Non-exhaustive summary: rules change. Reference: the DGAC open-category guide and the country's regulations.

Useful links

UAS zones map around the spot : https://www.drone-spot.tech/en/carte-uas.aspx?lat=50.58898&lon=5.97394
Drone pilot library : https://www.drone-spot.tech/en/bibliotheque

My flight notes

Information sheet generated by Drone-Spot from community data: it replaces neither official aeronautical information nor the regulations. The remote pilot remains responsible for the flight.