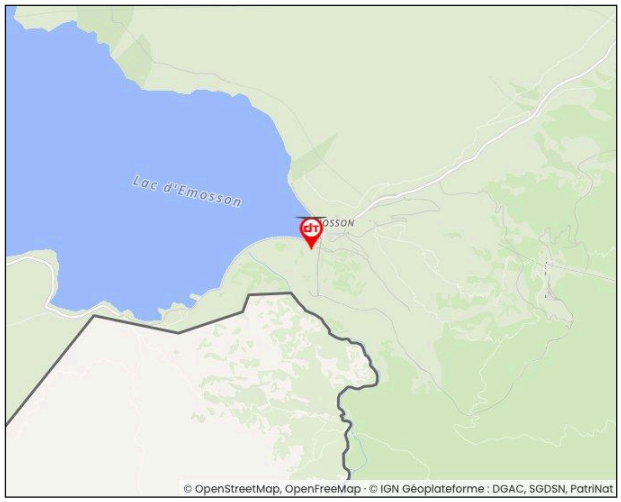
Barrage d'Emosson

Mountain · Switzerland

GPS coordinates	46.06736, 6.93494
Elevation	1,903 m
Maximum height	100 m max
Access	On foot < 1,000 m
Nearest aerodrome	Altisurface du Glacier du Passon "du haut" 10 km S · spot 1,069 m lower
Spot reference	307378



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	07:08	07:41	16:55	17:28	9 h 13	07:41–08:28 · 16:08–16:55
Sun 22 Nov	07:09	07:42	16:54	17:27	9 h 11	07:42–08:30 · 16:07–16:54
Mon 23 Nov	07:11	07:44	16:54	17:27	9 h 09	07:44–08:31 · 16:06–16:54

Nearby aerodromes

Aerodrome	Type	Distance	Elevation
Altisurface du Glacier du Passon "du haut"	Aerodrome	10 km S	2,972 m
Croix De Lognan Heliport	Heliport	11 km S	1,941 m
Altisurface du Glacier Du Tour	Aerodrome	11 km SE	3,100 m
Sécurité Heliport	Heliport	15 km S	1,077 m

Description

The Émosson dam is an arch dam used for hydroelectric power, located in Switzerland in the canton of Valais. The Émosson dam is the third-highest dam in Switzerland after the Grande-Dixence and the Mauvoisin. Upstream of the Emosson dam is the Vieux-Emosson dam, at an altitude of 2,205 m, built by the SBB in 1955. Type: Arch dam Height: 180 m Length: 560 m Thickness at the crest: 8 m Thickness at the base: 45 m Dam volume: 1.1 million m³

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

https://www.drone-spot.tech/en/fiche-spot.aspx?id=307378

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=46.06736&lon=6.93494
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.