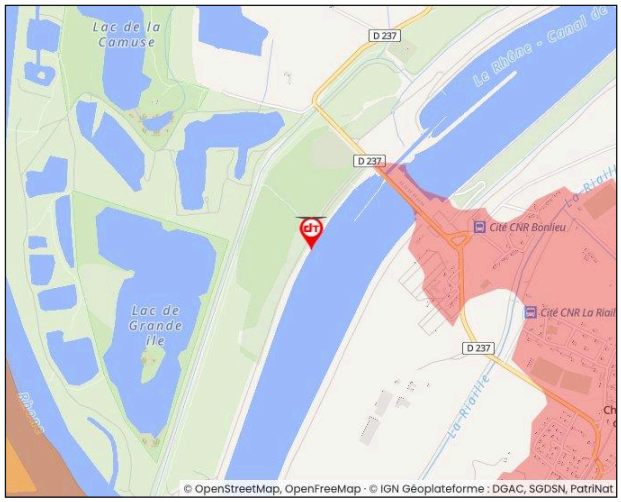
drone-spot

FLIGHT CARD
Generated on 21 November 2026

Châteauneuf-du-Rhône hydroelectric dam

Water · Drôme

GPS coordinates	44.49686, 4.70355
Elevation	67 m
Maximum height	120 m max
Access	Direct access by car
Nearest aerodrome	Aérodrome de Montélimar - Ancône (LFLQ) 10 km N · spot 6 m lower
Spot reference	316114



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	07:13	07:45	17:09	17:41	9 h 23	07:45–08:30 · 16:24–17:09
Sun 22 Nov	07:15	07:47	17:08	17:40	9 h 21	07:47–08:32 · 16:23–17:08
Mon 23 Nov	07:16	07:48	17:07	17:39	9 h 19	07:48–08:33 · 16:22–17:07

Nearby aerodromes

Aerodrome	Type	Distance	Elevation
Aérodrome de Montélimar - Ancône	Aerodrome	10 km N	73 m
Aérodrome de Pierrelatte	Aerodrome	11 km S	60 m
Valréas Visan Airfield	Aerodrome	24 km SE	144 m

Description

The Henri Poincaré hydroelectric power plant belongs, together with the upstream Rochemaure dam, to the Montélimar drop development, operational in 1958. Built by the Compagnie Nationale du Rhône, the plant was probably completed in 1957 (date inscribed). The downstream bridge was built in 1956. The structure went into service in 1958. The Henri Poincaré hydroelectric plant is located in the municipality of Châteauneuf-du-Rhône, east of the town. It sits at the outlet of the Montélimar drop diversion canal, which it spans (left arm of the Rhône). It comprises three concrete structures: the power plant itself, equipped with six generating units, an adjoining discharge structure, and a lock on the right bank with a 34 m opening. A reinforced concrete beam bridge crosses these three elements downstream: six spans over a length of 138 m at the plant; two spans over 32.90 m on the discharge …

Scan to open the up-to-date spot page: weather, map and restrictions.
https://www.drone-spot.tech/en/fiche-spot.aspx?id=316114
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

Recreational flying in France: European open-category rules, applied by the DGAC.

- 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.
- In France: registration and training on AlphaTango (DGAC); a drone of 800 g or more must broadcast electronic signalling (or the remote ID of class-marked drones).

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=44.49686&lon=4.70355
Drone pilot library : https://www.drone-spot.tech/en/bibliotheque
DGAC open-category guide (French) : https://www.drone-spot.tech/en/bibliotheque/guide-categorie-ouverte
Registration and training (AlphaTango) : https://alphatango.aviation-civile.gouv.fr
NOTAMs and temporary areas (SOFIA Briefing) : https://sofia-briefing.aviation-civile.gouv.fr

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.