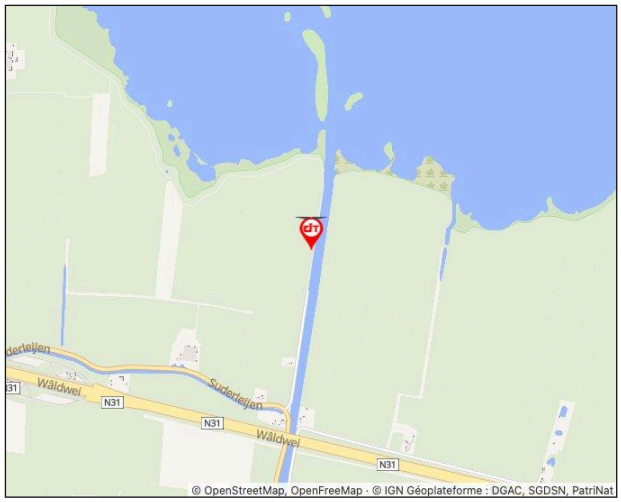
SolarChallenge - End

Water · Netherlands

GPS coordinates	53.14709, 6.05971
Elevation	-2 m
Maximum height	120 m max
Access	Direct access by car
Nearest aerodrome	Drachten Airfield (EHDR) 5.6 km SE · spot 6 m lower
Spot reference	299556



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	07:31	08:11	16:32	17:12	8 h 21	08:11–09:10 · 15:33–16:32
Sun 22 Nov	07:33	08:12	16:31	17:11	8 h 18	08:12–09:12 · 15:32–16:31
Mon 23 Nov	07:34	08:14	16:30	17:10	8 h 15	08:14–09:14 · 15:30–16:30

Nearby aerodromes

Aerodrome	Type	Distance	Elevation
Drachten Airfield	Aerodrome	5.6 km SE	4 m
Medisch Centrum Leeuwarden. Locatie Zuid Heliport	Heliport	18 km W	0 m
Ziekenhuis Talma Sionsberg Heliport	Heliport	20 km N	1 m
Leeuwarden Air Base	Airport	22 km NW	1 m

Description

Solar Challenge Stage: The Leijen - End Location: Peinderkanaal An attempt to capture a stage of the solar boat race with a Phantom 2 with Go Pro 3 . Attempted reasonably well, but could be better. In the process one learns! Do opt for HD quality!

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

https://www.drone-spot.tech/en/fiche-spot.aspx?id=299556

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=53.14709&lon=6.05971
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.