



Flood Plan

Version	1
Date	08 January 2025

Upon notification of a potential situation involving flooding of the boathouses, please follow these guidelines.

River Levels

Status at various river levels, measured at Welsh Bridge:

1.7 m	Top of green river level range
2.0 m	Water at top of pontoon ramp, wellies needed, top of yellow river level
2.7 – 2.9 m	Footpath from RSSBC starts to flood
2.8 m	Road to the club starts to flood
3.0 – 3.1 m	Club carpark starts to flood
3.3 – 3.5 m	Path to pontoon starts to flood
4.3 – 4.4 m	Water reaches top of steps
4.5 – 4.6 m	Water starts to enter boat bays
4.75 m	Base of singles and doubles racks.
4.85 m	Base of external racking
5.1 m	Level in Feb 2022, highest level since 2012.

River levels can be checked at

<https://check-for-flooding.service.gov.uk/station/2036>

<https://riverlevels.uk/river-severn-shrewsbury-welsh-bridge>

Timely Implementation of Flood Plan

Prior to a potential flood situation, it is necessary to consider projected river levels and the timescale that these levels may occur. This should allow appropriate stages of this flood plan to be implemented in a timely manner.

The timing of actions planned and undertaken may depend on the actual river level, the rate of rise of the river, and the availability of club members to help move equipment. For example, on a weekday, people may be available after work but less available during normal workhours.

Management of Flood Plan Activities

One club member should manage the flood plan activities, providing instruction to other club member volunteers, allocating, and coordinating jobs required, avoiding being immersed in specific tasks.

Other club members present should assist on request, rather than act independently.

This will optimise use of volunteers, ensuring efficient completion of the flood plan tasks required.



Projected River Level of 2.8 m

The road to the club starts to flood at a river level of 2.8 m.

Vehicles restricted from parking in the club car park, parking needs to be found elsewhere.

Any vehicles parked at club are to be removed as soon as possible.

Trailer(s) if parked at the club to be removed as soon as possible back to Felton Butler.

Projected River Level of 3.3 m

At a river level of 3.3 m path to the pontoon floods and this affects the safety of relocating boats.

If the river is projected to rise higher than 4.5 m, boats and equipment need to be relocated before water rises much past 3.3-3.5m, and before the pontoon path becomes flooded.

Projected River Level of 4.5 m

At a river level of 4.5 m, water will start to enter all boat bays and the gym.

Where the river level reaches 5.25 m it will be at around 0.75m above the boathouse floor level.

If the river level is projected to rise to the range 4.5 - 5.25 m, all boats and valuable equipment need to be located at least 0.75 m above floor level.

Singles Bay

All singles on bottom two racks (up to 10 singles) need to be:

- relocated to higher racks if they are available;
- strapped onto trestles in any of the boat bays, with the seat deck and riggers facing up;
- de-rigged and relocated to the balcony and placed carefully with seat deck down, stern raised with bow ball on the balcony;
- or
- if high winds are forecast and if vehicle access is available, de-rigged and trailered off site.

Sculling blades on the bottom two racks to be repositioned either on higher racks or taken upstairs and stored in the club house on a dust sheet or similar.

8's Bay

De-rig PGN804 Tanya and store up on the grass bank above the car park on a timber bed.

The two 8's on trolleys and the remaining 8 on the lower rack to be left fully rigged, strapped to trestles with the seat deck and riggers facing up – one in the 4's bay, 8's bay and sculling bay.

4's Bay's

Relocate some boats so all are on the second rack or higher (at least 0.75m above floor level).

It is possible some boats may need to be relocated to outside racking. There is contingency capacity in the outside racking for this.



Sweep blades on the bottom three racks to be repositioned either on higher racks or taken upstairs and stored in the clubhouse on a dust sheet or similar.

Sculling blades on the bottom two racks to be repositioned either on higher racks or taken upstairs and stored in the club house on a dust sheet or similar.

Any rowing or sculling blades remaining on the bottom five racks to be secured by straps.

Outside Racking

The larger outside racking has a contingency built in, where the top racks are kept free normally.

All boats on lowest racks to be relocated to the top racks.

The two restricted 4's (PGN481 & PGB501) to be carefully relocated to the rack above. This may mean first relocating the boats on the first rack above to a higher level.

If high winds or a storm are predicted, all boats on the top two external racks require strapping down to racks to avoid damage by wind.

PGN806 (Dave Ewels, blue 8) to be raised by placing on two sets of large tyres, ensuring the boat is strapped down.

The Flood Plan Coordinator or deputy should assess how best to fit boats onto the outside racking. Any boats that will not fit on the upper racks should be de-rigged, split if necessary and stored on the balcony.

Bay Floors

After all boats are cleared from lower racks then the floor level in each boat bay need to be cleared.

Equipment and storage cubicles normally stored at floor level to be moved upstairs to the clubhouse.

Scan the floor areas and lift anything remaining that is below first racking height and hang or place onto of what is available.

Metal items should be OK if washable afterwards. Bear in mind less dense items such as wooden signs can float in the flood water and may cause damage so either stow above the lower rack height (0.75m), strap down or relocate to the balcony or clubhouse.

Gym

Life vests, ergs, soft gym mats and perishable items to be relocated to the club house.

Rubber floor mats to be lifted and stacked vertically. Anything that can be lifted from floor level to be stored on shelving or work bench.

Spin bikes to be stood on blocks or boxes to lift them above 0.75m if possible.

Cellar

Liaise with bar manager to lift anything perishable or spoilable that is stored on the ground higher.

Container

Store higher anything perishable or spoilable that is stored on the ground.



Launches

All launches to be relocated to the rear of the balcony and to be stored upside down, secured with suitable weight placed on top.

Outside General

Please look around boat club for anything that may float away or may move around and cause damage in a flood.

Wheelie bins under metal stairs to be strapped closed and securely strapped together.

Any items under the concrete steps that may float away to be securely strapped together or relocated to the balcony.

Ground floor heaters

Ensure that all ground floor heaters are isolated on the main fuse board located in the clubhouse men's toilets and DDA toilet by turning off all breakers labelled ground floor heaters.

Projected River Level of 5.25 m

The highest level recorded at the River Severn at Welsh Bridge is 5.25m, reached in November 2000.

If the river is projected to rise above this level it is likely further boats and equipment will need to be relocated. Use sensible discretion; options that are available include:

8's and 4's sat on higher racks in 8's bay, can be de-rigged and their racks extended allowing for other de-rigged boats to be located side by side (two boats per rack).

Relocate additional vulnerable boats and equipment to the balcony, clubhouse, or to higher ground if possible.

If trailer access is still available, de-rig and trailer additional vulnerable boats off site.

Boats strapped to trestles to be strapped to nearby racks to prevent the boat floating and drifting.

Cascade Call List

Club Captain

Squad Captains

Club Chair

Rowing Safety Advisor

Lead Coach & Coaching Co-ordinator

Private Boat Owners



Post Flood Clear-Up

Cleaning. Clear silt away from bays, paths, steps and slipways as necessary including the cellar and container.

Equipment. Relocate all boats and equipment back to its normal place.

Ground floor heaters. If these have been submerged, contact electrician to test safety and power back on if safe.

Kitchen. Mop the floor thoroughly using usual kitchen floor cleaner, focusing on corners and crevices where dirt may accumulate.

Damage. Log any damage to boats and equipment using the boat damage forms and by notifying the club captain.

Building. Please advise the facilities manager of any damage to the building or facilities.

Improvements to this plan – Amend this plan as necessary to include any learnings or improvements.