



Perranporth & Perran Sands Risk Assessment

Key Considerations at Perranporth.

- **Note the kite zones.**
- **Kite when the tide gives a clear distance (60m) from the water to flat rocks. On a rising tide, don't get caught out by this continually reducing distance.**
- **There can be strong currents and big tidal surges.**
- **There can be big strong waves that are prone to be dumping when the tide is at or near low tide.**
- **When the wind is southerly it can be very gusty at Perranporth. This reduces but can still occur at the Perran Sands end of the beach.**

Key Considerations at Perran Sands

- **Watch out for lofting as wind travels in from the sea and is forced up because of the dunes.**

General Considerations and Risk Assessment

1. **Always allow 60m of clear down-wind space (no people, animals, telegraph poles, rocks, or beach debris/drift wood).**
2. **Always keep at least 90m upwind of a large obstacle as this will effect the wind.**
3. **Avoid 2 hours either side of high tide (always check tide times).**
4. **Always stop the activity before the down-wind area becomes obstructed.**
5. **Respect the other beach users; give them the right of way if required.**
6. **Hayle beach is best used on a South West, Westerly and Northerly wind directions.**
7. **Show consideration to occasional horse riders on the beach. Where possible don't go anywhere near horses.**
8. **As there is swimming and surfing areas, riders can politely direct any swimmers/bathers and surfers in the wrong areas to the correct ones.**

9. All riders must know how to perform a self-rescue/emergency pack-down before entering the water. A rider always wears a leash and never releases the kite unless a serious injury or fatality is imminent.
10. It is advised that all riders check the days forecast before kitesurfing.

Hazard	People at Risk	Control measures and action needed
Kite lines – in use or on the beach	General public Kite-flyer Other Kitesurfers Lifeguards Boats and other water users	<ul style="list-style-type: none"> - Only kitesurf near low-tide so there is lots of space. - Wind the lines up if not in use and do not leave lines unattended. - Only use 1 bar + lines per kite. - Riders may carry kite knife's - All bystanders to stay upwind of kite pilot. - All riders must know how to stop the kites power. - Keep a clear area of 60m down-wind (3x kite-line lengths). - All riders should know how to safely wind the lines up in the water (emergency pack-down).
The Kites – either flying or secured on the beach.	Bystanders / people watching Young Children Other kitesurfers Boats and other water users Lifeguards	<ul style="list-style-type: none"> - Only kitesurf near low-tide so there is lots of space. - Keep a clear area of 60m down-wind (3x kite-line lengths). - Stop activity if passers-by want to cross down-wind of pilot. - All riders must know how to stop the kites power. - All bystanders to stay upwind of kite pilot.
Kite Board	Kite-flyer Other water users	<ul style="list-style-type: none"> - Riders may wear a helmet - A board leash may be worn. - The board must not have any sharp or jagged edges. - The board must have visible colours and float.
Kite Control Bar	Kite-flyer Other water users	<ul style="list-style-type: none"> - The bar must be have visible colours and float. - The bar must not have any sharp or jagged edges.
Children unattended on the beach	Young Children Kite-flyer	<ul style="list-style-type: none"> - Only kitesurf near low-tide so there is lots of space. - Keep a clear area of 60m down-wind (3x kite-line lengths). - Stop activity if passers-by want to cross down-wind of pilot. - Riders should politely direct children to a safe playing area. - All riders must know how to

		stop the kites power.
Swimming/Bathing and Surfing areas (and any other restricted/designated area)	Swimmers/Bathers in the sea and in the shallows Kite-flyer	<ul style="list-style-type: none"> - Stay well clear of swimming area. - Keep a clear area of 60m down-wind (3x kite-line lengths). - Stop activity if passers-by want to cross down-wind of pilot. - Only kitesurf near low-tide so there is lots of space. - All riders should know how to safely wind the lines up in the water (emergency pack-down).
Walkers, Holiday makers, and all other beach users	General Public Kite-flyer	<ul style="list-style-type: none"> - Only kitesurf near low-tide so there is lots of space. - Keep a clear area of 60m down-wind (3x kite-line lengths). - Stop activity if passers-by want to cross down-wind of pilot. - All riders must know how to stop the kites power.
Boats, Water-skiers, Jet-skiers, Canoeists and other vessels.	Water/Jet-ski rider Boat crew Kite-flyer	<ul style="list-style-type: none"> - Kite in unfavourable water/jet-ski conditions and use different areas. - Kite in shallow waters where boats will not be present - Stop activity if passers-by want to cross down-wind of pilot. - Keep a clear area of 60m down-wind (3x kite-line lengths). - All riders must know how to stop the kites power and also to release the kite if a collision occurs.
Cliffs at top of the beach	Kite-flyer General Public playing on the rocks	<ul style="list-style-type: none"> - Only kitesurf near low-tide so there is lots of space. - Keep at least 90m clear of rocks and cliffs. - All riders must know how to stop the kites power. - All riders must be taught the danger of updrafts.
Rocks and telegraph poles along the side of the river and the harbour further down the river.	Kite-flyer	<ul style="list-style-type: none"> - Only kitesurf near low-tide so there is lots of space. - Keep at least 90m clear of rocks and telegraph poles. - Keep a clear area of 60m down-wind (3x kite-line lengths). - Kite in shallow water, or with shallow water down-wind, to prevent kite-flyer drifting down river. - All riders must know how to stop the kites power.

<p>Current, water movement in the river</p>	<p>Kite-flyer Other water users</p>	<ul style="list-style-type: none"> - Keep a clear area of 60m down-wind (3x kite-line lengths). - Use the shallow areas where the kite flyer can stand up. - Stop activity if passers-by want to cross down-wind of pilot. - Keep clear of any boats. - All riders should know how to safely wind the lines up in the water (emergency pack-down).
<p>Sudden bad weather/gusts of wind/squalls/thunder storms</p>	<p>Kite-flyer Other beach users</p>	<ul style="list-style-type: none"> - Trained instructors to predict any weather change and knowledge of weather forecasts each day. - Stop activity if a change looks imminent / before any bad conditions occur. - Cancel course if thunder and lightning. - Keep a clear area of 60m down-wind (3x kite-line lengths). - All riders must know how to stop the kites power.
<p>Uneven ground/pot-holes /beach rubbish/soft sand</p>	<p>Kite-flyer Other beach users</p>	<ul style="list-style-type: none"> - Only use a clear area with an even surface (avoid bumpy and soft deep sand). - Keep a clear area of 60m down-wind (3x kite-line lengths). - All riders must know how to stop the kites power. - Fill any holes – clear any debris – and put rubbish in bins provided.
<p>Wind Compression areas (Venturi effect where the wind can increase in speed).</p>	<p>Kite-flyer Other water users Harbour users</p>	<ul style="list-style-type: none"> - All riders must know how to stop the kites power. - Keep a clear area of 60m down-wind (3x kite-line lengths). - All riders should know how to safely wind the lines up in the water (emergency pack-down). - Kite in shallow waters where boats will not be present and student can stand up. - All riders must be taught the different wind effects.
<p>Drifting Kite-Flyer</p>	<p>Kite-flyer Other water users</p>	<ul style="list-style-type: none"> - Lifeguards present on the beach. - Fully trained and qualified instructors present to aid a rescue. - Riders may wear visible coloured helmets/rashvests. - The kites usually have visible colours and must be regularly checked for punctures.

		<ul style="list-style-type: none">- Riders may wear a Buoyancy Aid.- All riders should know how to safely wind the lines up in the water (emergency pack-down).- Coast Guard can be called on 999
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