



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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