

Minimal	Minor	Significant	Severe
	Localised	Localised	Widespread
<b>Business as usual</b>	<b>Business as usual</b>	<b>Short term strain on emergency personnel</b>	<b>Prolonged strain on emergency personnel</b>
<ul style="list-style-type: none"> <li>• A few transport routes affected by difficult driving conditions</li> <li>• Loose debris blown around</li> <li>• Blowing sand and dust</li> <li>• Risk of rapid spreading of fires</li> </ul>	<ul style="list-style-type: none"> <li>• Localised damage to settlements (formal and informal)</li> <li>• Localised loss of agricultural production</li> <li>• Some transport routes and travel services affected by wind, falling trees or dust storms</li> <li>• Some journeys require longer travel times</li> <li>• Some disruption to road, rail, air transport</li> <li>• Localised problems for high-sided vehicles on prone routes e.g. due to cross winds on exposed high level roads/bridges</li> <li>• Localised power and communication interruptions</li> <li>• Localised damage to temporary structures</li> <li>• Localised reduced visibility due to dust storms</li> <li>• Risk of localised runaway fires</li> </ul>	<ul style="list-style-type: none"> <li>• Injuries and danger to life from flying debris</li> <li>• Damage to settlements (formal and informal)</li> <li>• Loss of agricultural production</li> <li>• Some structural damage</li> <li>• Transport routes and travel services affected by wind, falling trees or dust storms</li> <li>• Longer journey times expected</li> <li>• Disruption to road, rail, air transport</li> <li>• Closure of some susceptible and key routes (e.g. some vulnerable bridges)</li> <li>• Interruptions to power, communication and/or other utilities and services</li> <li>• Damage to temporary structures</li> <li>• Reduced visibility due to dust storms</li> <li>• Large area of runaway fires</li> </ul>	<ul style="list-style-type: none"> <li>• Widespread danger to life from flying debris</li> <li>• Widespread damage to settlements (formal and informal)</li> <li>• Widespread loss of agricultural production</li> <li>• Widespread structural damage e.g. roofs blown off, falling trees, and power lines brought down</li> <li>• Widespread transport routes and travel services affected for a prolonged period by wind, falling trees or dust storms</li> <li>• Extended travel delays</li> <li>• Closure of main bridges, road and rail networks in many areas, and significant disruption to air transport</li> <li>• Widespread and prolonged disruption to power, communication and/or other utilities and services</li> <li>• Widespread damage to temporary structures</li> <li>• Widespread devastating runaway fires</li> </ul>
<ul style="list-style-type: none"> <li>• Limited build-up of sand on roads and coastal routes</li> <li>• General disruption within ports and harbour but manageable internally</li> <li>• Localised difficulty in navigation (eg. Hampered progress due to strong winds)</li> </ul>	<ul style="list-style-type: none"> <li>• Build-up of sand on coastal routes</li> <li>• Localised disruption of small harbours and/or a port for a short period of time</li> <li>• Small vessels at risk of taking on water and capsizing in a locality</li> <li>• Difficulty in navigation (eg. Hampered progress due to strong winds)</li> </ul>	<ul style="list-style-type: none"> <li>• Major build-up of sand on coastal routes</li> <li>• Disruption of ports and/or small harbours</li> <li>• Risk to medium/large vessel of dragging anchor/breaking mooring lines</li> <li>• Danger to navigation (eg. Hampered progress due to strong winds)</li> </ul>	<ul style="list-style-type: none"> <li>• Widespread build-up of sand on coastal routes causing traffic disruption for a prolonged period</li> <li>• Closure of ports and small harbours</li> <li>• Widespread danger to navigation for small/medium vessels and at risk of capsizing (at sea)</li> <li>• Medium to large vessels break moorings (in harbour)</li> </ul>

Port disruptions: Cape Town harbour – NW >20kt causes disruption NW 40kt is closure = severe  
 SE 25-35kt is okay can even operate in 40kt.

Strong onshore winds cause more disruption than strong off-shore winds. But may be different for other harbours  
 Navigation: Becomes difficult from 30kt (subjective according to the proficiency and vessel capabilities)