



Weather Alert

Construction Management & Waterway Protection

Strong wind is predicted after a week of dry and warm weather

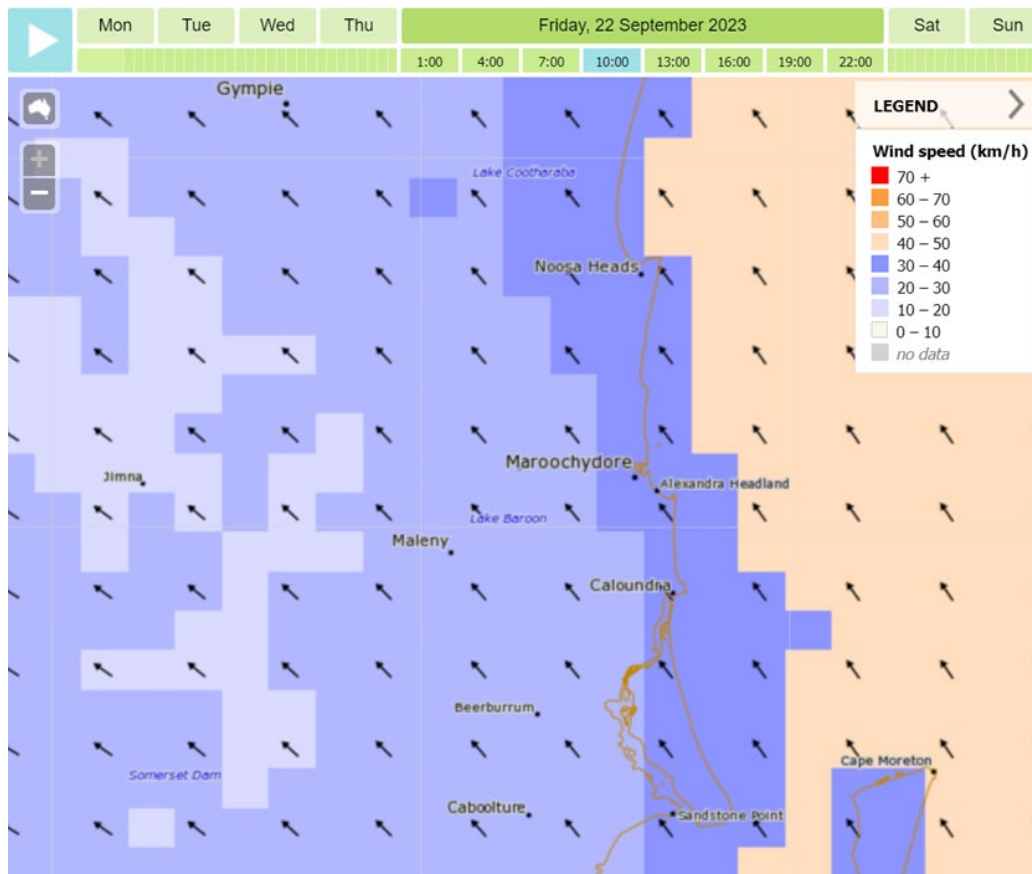
Weather Alert Sept 2023

Now is the time to check **Is your Site Right?**

A slow-moving high over the Tasman Sea will extend a ridge across Queensland the beginning part of the week. The ridge and high will slowly weaken by mid-week and a trough will move east across southern Queensland from Wednesday, dragging hot air from the interior of the country down ahead of it. A strong ridge and cool, blustery south-easterly change will extend rapidly up the southern Queensland coast in the wake of the trough late Thursday into Friday, and over the remainder of eastern Queensland over the weekend.

Predictions over next 7 days:

1. Wednesday 20th rainfall 0mm (5%), Windspeed 11-28 km/h
2. Thursday 21st rainfall 0mm (5%), Windspeed 15-28 km/h
3. Friday 22nd rainfall 0-1mm (30%), Windspeed 31-46 km/h
4. Saturday 23rd rainfall 0-2mm (50%), Windspeed 35-41 km/h
5. Sunday 24th rainfall 0-2mm (50%), Windspeed 31-39 km/h
6. Monday 25th rainfall 0mm (30%), Windspeed 17-33 km/h
7. Tuesday 26th rainfall 0mm (5%), Windspeed 13-20 km/h



Wind speeds of between 30-40km/h are likely on Friday (BOM)

Is your site right?

How will you prepare your site to make sure that dust and other construction materials, including waste, are kept on site and do not cause a nuisance, public health concern or environmental harm?

Some ideas for quick checks are outlined below:

1. **Dust suppression (water cart/water trailer):** Trafficked unsealed access and haul roads are a major cause of dust. Effective dust suppression via water cart or water trailer can aid in the suppression of dust caused by vehicle and plant movement.
2. **Reduced speed limits:** The faster vehicles are driven the more dust is produced. Speeds in excess of 10 km/h are not recommended on sites next to residential premises because of dust impact. On large sites, speed limit signs should be posted.
3. **Stockpile protection:** Not only does stockpile protection prevent sediment dispersion, it also can save you money and maintain the quality of the material being stockpiled. Stockpiles should be covered prior high winds, and when not actively being worked. The best forms of stockpile protection against wind includes covering with tarp or geofabric, or stabilising with soil binder, seed or mulch.

4. **Vegetation:** Wind erosion can be reduced significantly by planting vegetation, reducing the amount of airborne dust. Where vegetation already exists on and around the site, try to keep as much as possible in place. Where there is no vegetation, consider planting some. Less bare soil means less dust.
5. **Moving soil:** Damp down soil before moving and minimise the lifting height of the loader bucket when transferring soil or rubble from front-end loaders to trucks, and controlling its unloading speed to reduce wind-borne dust
6. **Stable site entry/exit:** It is extremely important to maintain a stable site entry and exit to prevent sediment tracking onto public roads, into stormwater drainage and surrounding environment. This can be achieved through sealed access tracks, rock pads and shaker grids.
7. **Stabilisation of disturbed areas:** Covering disturbed areas is the most effective way to minimise erosion caused by wind and is effective in preventing dispersion of both coarse and fine sediment. This can include the use of soil binder, jute mesh, geofabric, seeding, hydromulch, mulching, gravel and turfing.
8. **Waste management:** Ensure all construction waste is put into on-site bins (skip bins, mesh cages, etc.). If using a mesh cage, ensure they are wrapped to prevent small waste items from escaping. Cover the waste bins when not in use, in high winds and at the end of each working day to prevent litter from blowing off site. Empty waste bins when they are at capacity. Ensure polystyrene construction products are effectively secured and managed in a way that prevents dispersal to surrounding environment.

Get [further information](#) on our program and requirements.

Please assist Council in keeping our local waterways, beaches and environment healthy and sustainable. Council will continue to monitor active sites during this period.

[Click here for more information on protecting our waterways](#)

