

## **EXTREME 40 SERIES: VENUE OVERVIEW**

## Welcome to Singapore!

Located roughly 200 miles north of the Equator, Southeast Asian country of Singapore is separated from Malaysia by the Straits of Johor and consists of roughly 60 islands . The largest island on which the capital city, aptly named Singapore , is located is a mere 28x13 miles in size only 8 miles longer than the Isle of Wight!!!



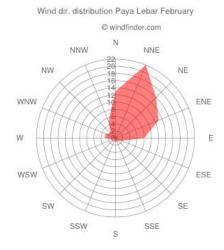
The Extreme 40 Series is hotly antipicated this year particularly with the lack of AC 45 circuit meaning many America's Cup Teams are entering a boat and the first venue they are hitting is Singapore.

The location, the capital city and effectively an inland Lake!

While it is an iconic location with the World famed Raffles hotel overlooking the venue, it is for that reason an incredibly tricky venue

The race area is significantly limited in space with less than a kilometre in length and at its widest only half a kilometre narrowing to a mere 300 M (a bit more than 20 boat lengths) decision making is going to be fast and furious and space between the boats is going to be paper thin





Fortunately the long term wind statistics for the airport roughly 8KM to the NE indicate why this venue is able to work with a NE airflow. Wind strengths are typically 00-08 KT.

The dominant wind direction is aligned with the stretch of water allowing a decent windward-leeward to be implemented. However it won't take much change in the wind direction for the conditions to become wildly different across the course areas, for example



Then consider 10 degrees further left or right and the game changes again. Add in the effects of heating up all that concrete creating even large shift and pressure variations and even the risk of a sea breeze fighting the dominant wind.

Snakes and ladders are highly likely with big place changes expected right up until the finish line in each race