

WEATHER REPORT – SUNDAY 18TH DECEMBER

YESTERDAY

The southern half of the WA heat trough moved inland during the morning and the flow turned onshore in a soft and right settling way (W-SW). On the beach, the breeze turned onshore around 8am, but not at Rotto until 10.45am. The W then SW breeze across the sailing courses was soft and not fit for racing all morning; the build began at 12.15pm – with 8kts at 12.30pm to a max of 18kts 5-6pm; the direction trending left from 240 to 205 all afternoon. The afternoon build was reasonably constant – except for a hiccup between 3-3.45pm.

FISHROCK (<http://www.weatherdata.com.au/perth2011/>)

08 239/1.7
10 235/7.7
12 239/7.1
14 227/11.8
16 204/14.9
18 196/19.8

TODAY

The flow across southern WA is now technically onshore and overnight and away from the land influence, the breeze has remained from the S all night – at 6am, Rotto and Garden Island are both still S/20. On the land, the breeze has softened and shifted more offshore, but with mixing, that will get back to the S-SW this morning. A front lies offshore and will be closing all day while weakening – the remnants of the front will reach Perth this evening. Ahead of the front the flow will be SW and may even tend a tad more right in direction during the later afternoon – against the normal sea breeze trend that is to go left. If no right, then certainly not the usual left until very late in the day. The breeze will not build as a sea breeze – it will be a min in the mid to late morning and then build steadily, not like a sea breeze to a max this evening. The max looks to be 16-20 kts.

The affect of the front is to push the high ridge north – so north of Perth the flow is offshore from the SE and that area will have a strong afternoon SSW sea breeze. From Perth south, the flow is onshore and the sea breeze influence is much reduced.

At 6.30am – Fish Rocks has 175/15-17 – that should ease a little more to a min at 9-10am, then build and be back to SW for the day.

There will be some cloud about during the day.

FORECAST (MWD; TWS = mean wind speed with no gust)

0800 160-180/12-15
1000 180-210/11-13
1200 200-220/13-16
1400 210-230/14-17
1600 210-230/16-20
1800 200-220/18-22

WAVES

Can see the wave graph at <http://www.transport.wa.gov.au/imarine/19146.asp>

WAVES Morning: 1.5m offshore and 0.8m in close. Afternoon: 1.5m offshore and 1m in close

SWELL 1m in the north and offshore, 0.6m in close

End