

# TRESBP ENVIRONMENTAL MONITORING SUMMARY

## NOVEMBER 2009

### OVERVIEW

In November 2009:

- 14,067 m<sup>3</sup> of sand was pumped to Snapper Rocks East.
- Five media articles referred directly to the project, four were generally negative and one was neutral in view.
- Entrance conditions were average with 1,436 boat crossings recorded (about 80% of the November average).
- Surf quality from Duranbah to Kirra was poor to average, with very small to average sized waves from variable directions throughout the month.
- The estimated amount of sand moving north towards the Tweed River Entrance by natural processes was about 5,719 m<sup>3</sup> (only about 15% of the November average).

### 1. SAND PUMPING & DREDGING

#### **Sand Delivery November 2009**

Pumped:	14,067m <sup>3</sup>
Dredged:	0m <sup>3</sup>
Total:	14,067m <sup>3</sup>

#### **Sand Delivery January to November 2009**

Pumped:	401,188m <sup>3</sup>
Dredged:	0m <sup>3</sup>
Total:	401,188m <sup>3</sup>

#### **Sand Delivery January to November 2008**

Pumped:	580,106m <sup>3</sup>
Dredged:	198,979m <sup>3</sup>
Total:	779,085m <sup>3</sup>

#### **Stage II Sand Delivery May 2000 to November 2009**

Pumped:	5,407,085m <sup>3</sup>
Dredged:	1,979,755m <sup>3</sup>
Total:	7,386,840m <sup>3</sup>



Land and Property  
Management Authority

Department of **Environment**  
and **Resource Management**



**Queensland Government**

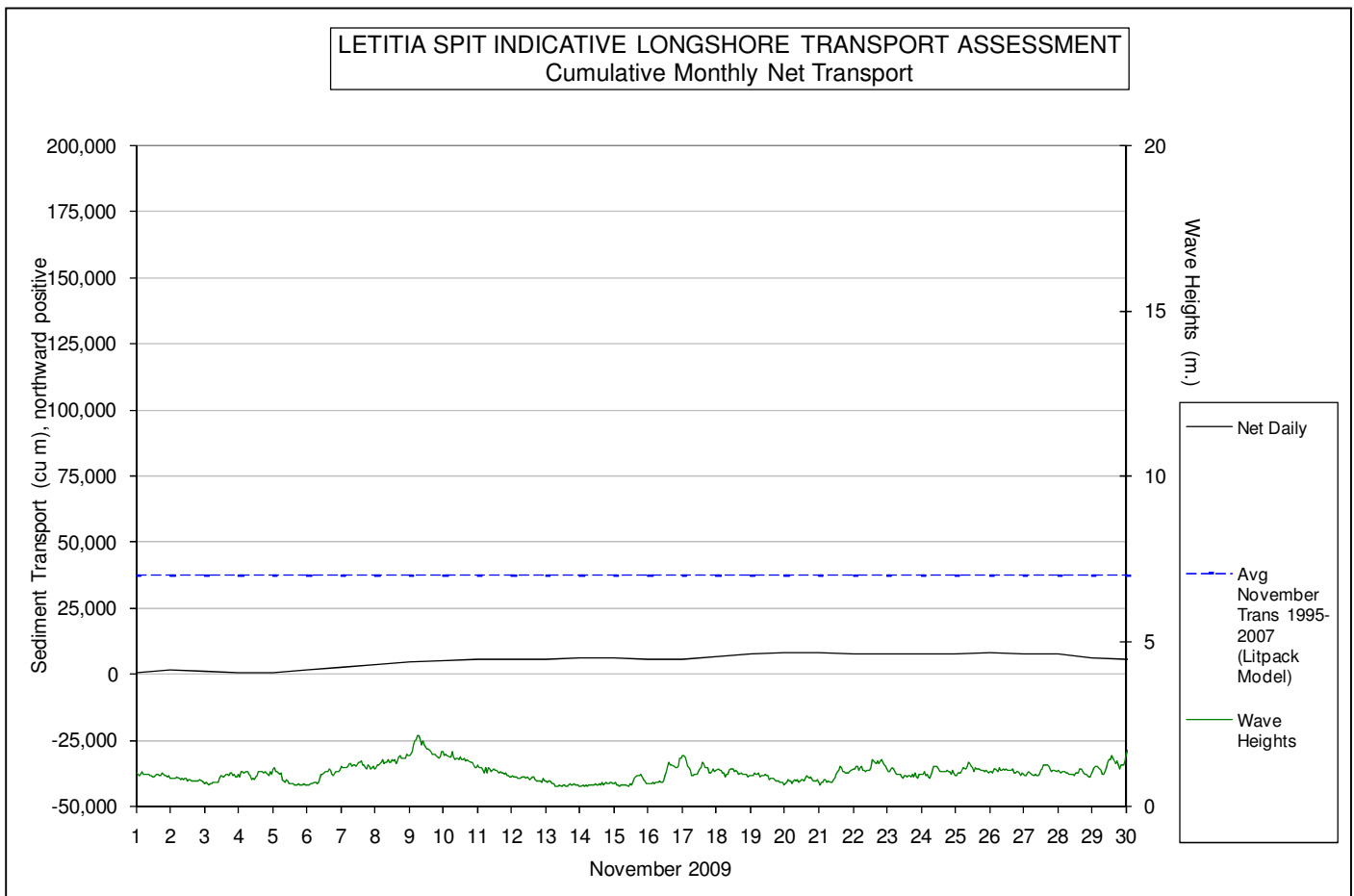


## 2. INDICATIVE LONGSHORE TRANSPORT

The graph below is based on a simplified sediment transport model and is indicative only.

November 2009 estimated natural sand transport (moving N towards Tweed entrance): 5,719 m<sup>3</sup>.

This result is about 15% of the average sand transport quantity for the month of November.



## 3. MEDIA COVERAGE


Gold Coast Bulletin, 6 November, "Grommets crave for Kirra break"

*"When the Tweed River Entrance Sand Bypassing Project – which would eventually choke the world renowned wave break [at Kirra Point] – started, these teenagers were just learning to surf."*

*(Nb. 3 other articles on this topic were noted in November).*

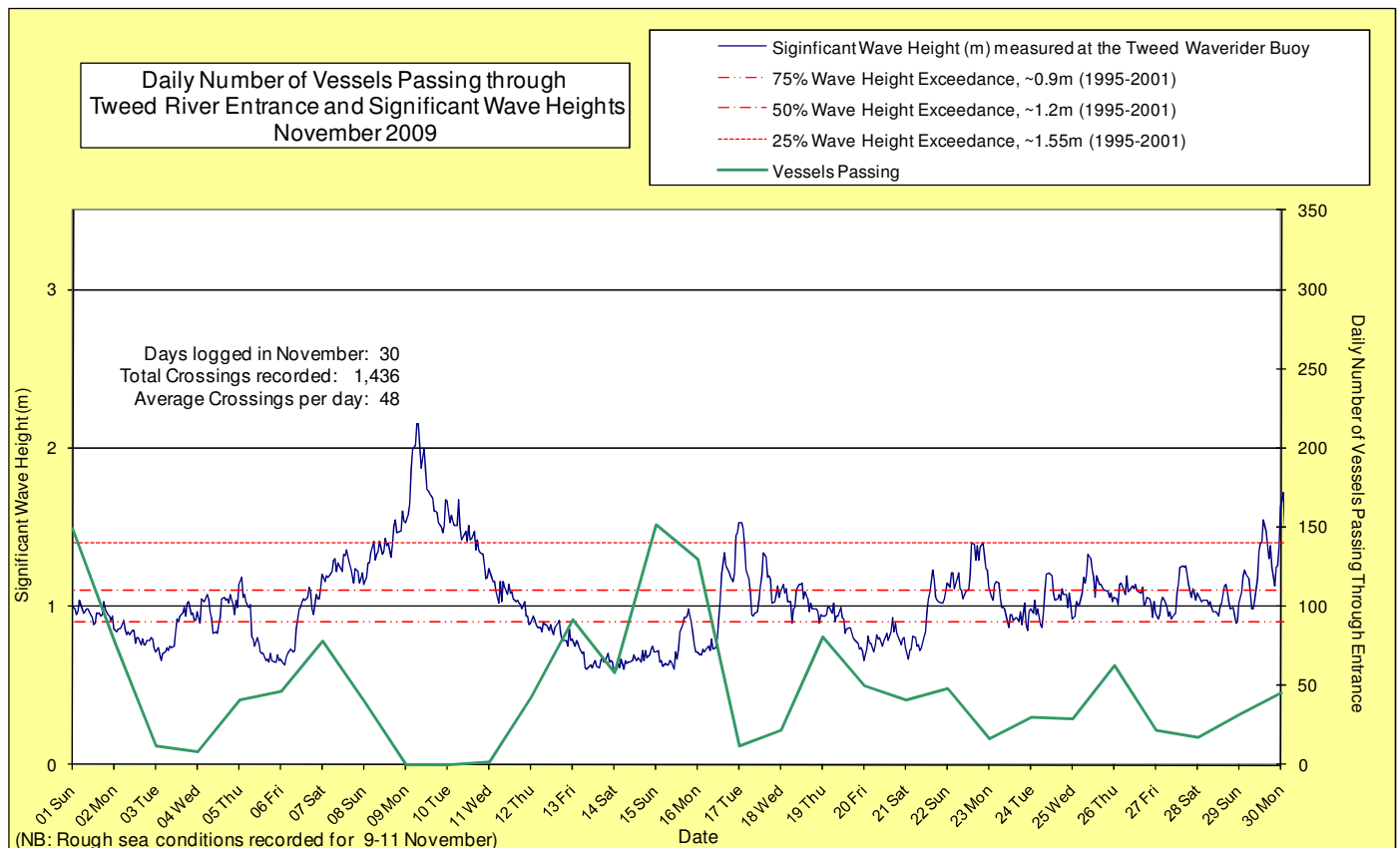
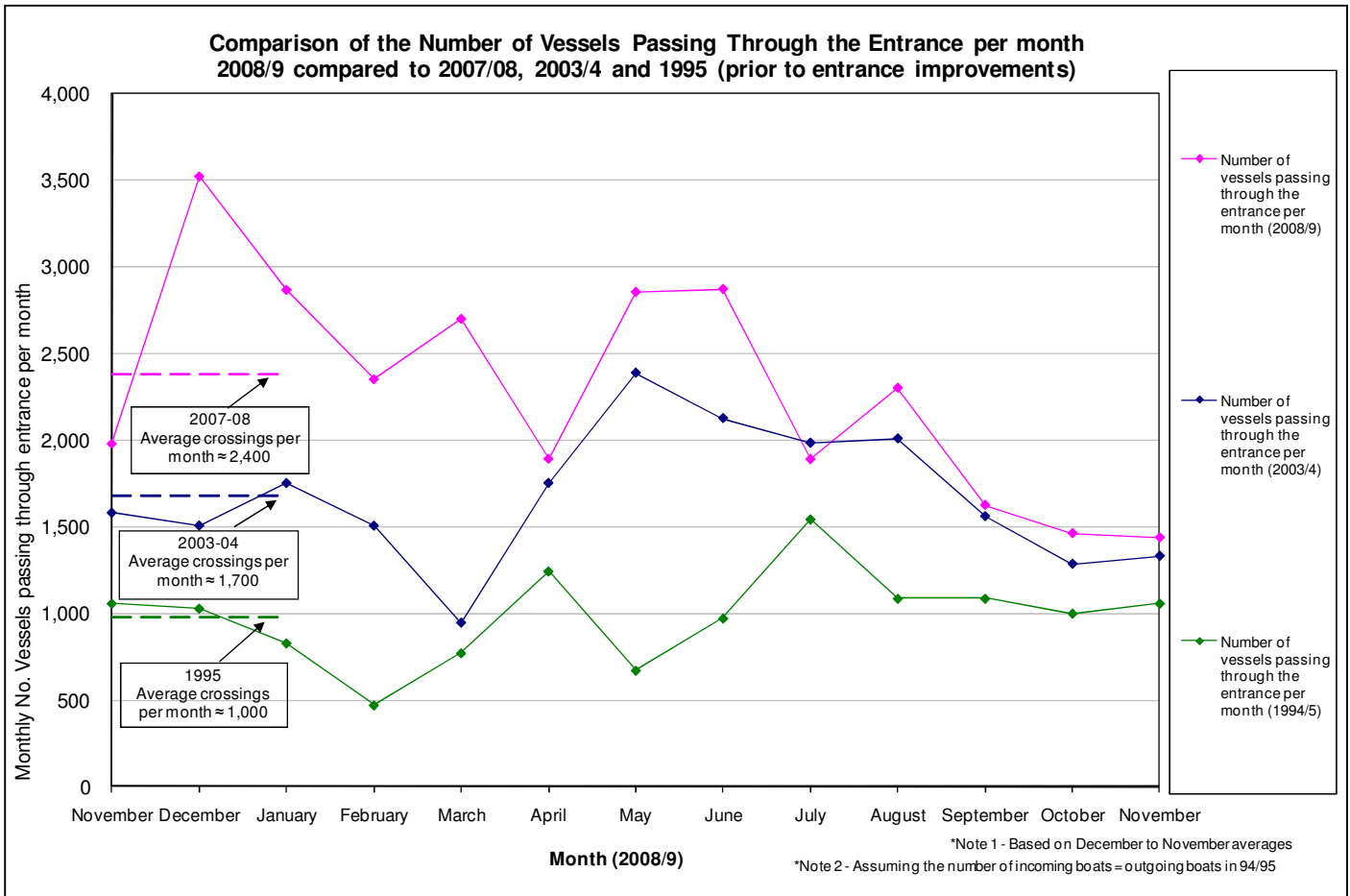
Tweed Daily News, 18 November, "Coalition makes pledge on Kirra"

*"A Coalition Government of NSW would work with the Queensland Government to trial some adjustments to the flow of sand from south of the border," [said NSW National leader Andrew Stoner]."*

**4. TWEED RIVER ENTRANCE CONDITIONS****VOLUNTEER MARINE RESCUE MONITORING RESULTS**
 Weekends and public holidays

Date	Entrance Conditions	Navigation Rating Impassable-----Good					Number of Boats
		Impassable	Difficulty Encountered	Some Difficulty Encountered	Relatively Good Crossing	Good Conditions	
1 <sup>st</sup>	Not recorded for this month						149
2 <sup>nd</sup>	↑						78
3 <sup>rd</sup>							12
4 <sup>th</sup>							8
5 <sup>th</sup>							41
6 <sup>th</sup>							46
7 <sup>th</sup>							78
8 <sup>th</sup>							40
9 <sup>th</sup>			*				0
10 <sup>th</sup>							0
11 <sup>th</sup>							2
12 <sup>th</sup>							43
13 <sup>th</sup>							92
14 <sup>th</sup>							58
15 <sup>th</sup>							151
16 <sup>th</sup>							130
17 <sup>th</sup>							12
18 <sup>th</sup>							22
19 <sup>th</sup>							81
20 <sup>th</sup>							50
21 <sup>st</sup>							41
22 <sup>nd</sup>							48
23 <sup>rd</sup>							16
24 <sup>th</sup>							30
25 <sup>th</sup>							29
26 <sup>th</sup>							63
27 <sup>th</sup>							22
28 <sup>th</sup>							17
29 <sup>th</sup>							32
30 <sup>th</sup>	↓						45
							<b>1,436</b>

\* Data filled by TRESBP based on observed conditions of the day.



## 5. WAVE & SURFING CONDITIONS

Dominant swell condition: Mainly 0.5 to 1.5 m waves from variable swell directions.

High sea events: None

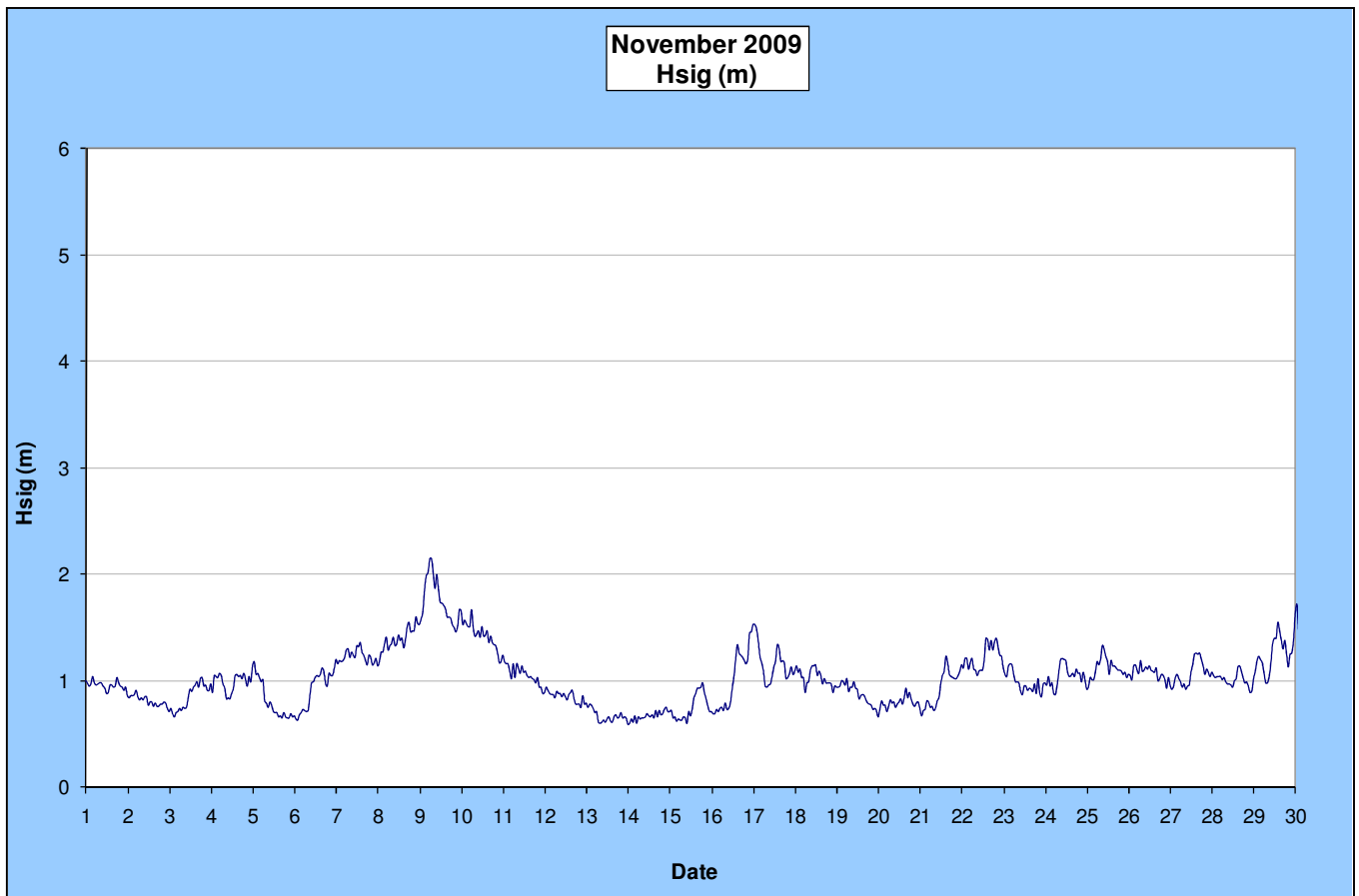
Monthly minimum significant wave height: 0.59 m on 14 November

Monthly maximum significant wave height: 2.15 m on 9 November

Number of days with waves below 1.0 m: 25 days

Number of days with waves above 2.0 m: 1 day

(Source: Tweed & Brisbane Wave Buoy; QDERM)



A link to data recorded by the Tweed Waverider Buoy is available at: <http://www.derm.qld.gov.au/waves>

### UPCOMING SURF & SURF LIFE SAVING EVENTS

- U11-U14 SLS Carnival – 5 December, Coolangatta
- Oceans 38 SLS Carnival – 6 December, Coolangatta
- Wahu Grom Comp – 12-13 December, Gold Coast
- RipCurl Grom Search – 14-18 December, Gold Coast
- South Pacific SLS Championships – 18-20, Kirra
- Quiksilver/Roxy Pro Trials for Trials – 19-20 December, Gold Coast

Source: Surfing Australia & Surf Life Saving Queensland

**SURF REPORT OVERVIEW**

Based on media reports and surf quality observations by volunteer Mr Brian Mason.

Date	Surfing Conditions on the Southern Gold Coast
1-7 Nov	Small waves from E-NE, variable winds, small point waves and beach breaks, clean at times.
8-11 Nov	Average waves from E-ESE, messy conditions, best at Duranbah.
12-30 Nov	Small waves from ESE to ENE, variable winds, small point waves and beach breaks, clean at times.

**END**