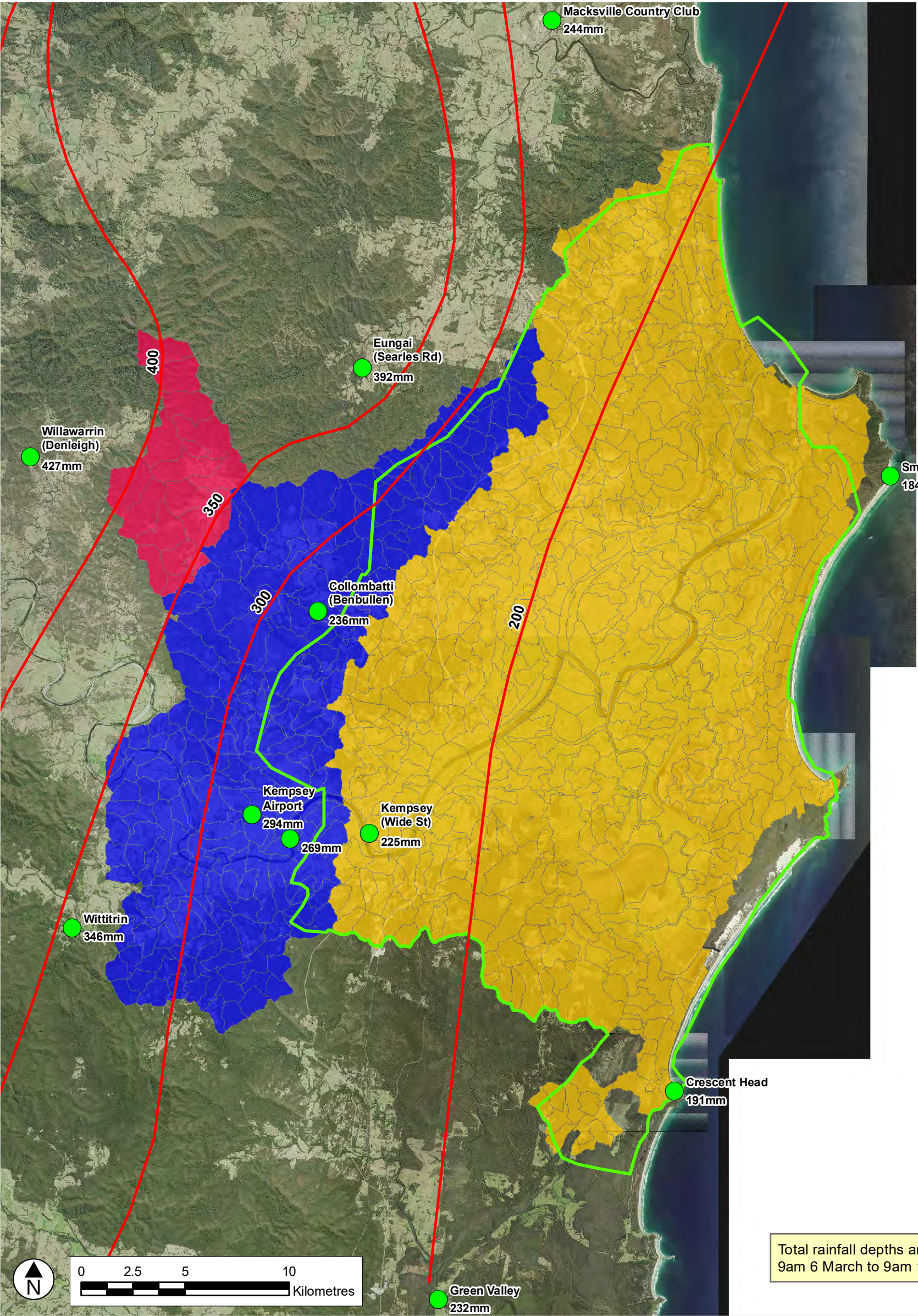


Appendix C. Model Calibration – March 2001 Flood Event



Legend

- 2001 Event Rainfall Isohyet
- Rainfall Station
- Adopted Rainfall Temporal Distribution**
 - Kempsey (Pluvio)
 - Euroka (Daily, scaled to Kempsey Pluvio)
 - Smoky Cape (scaled to 200mm and to Kempsey Pluvio)
 - TUFLOW Model Extent

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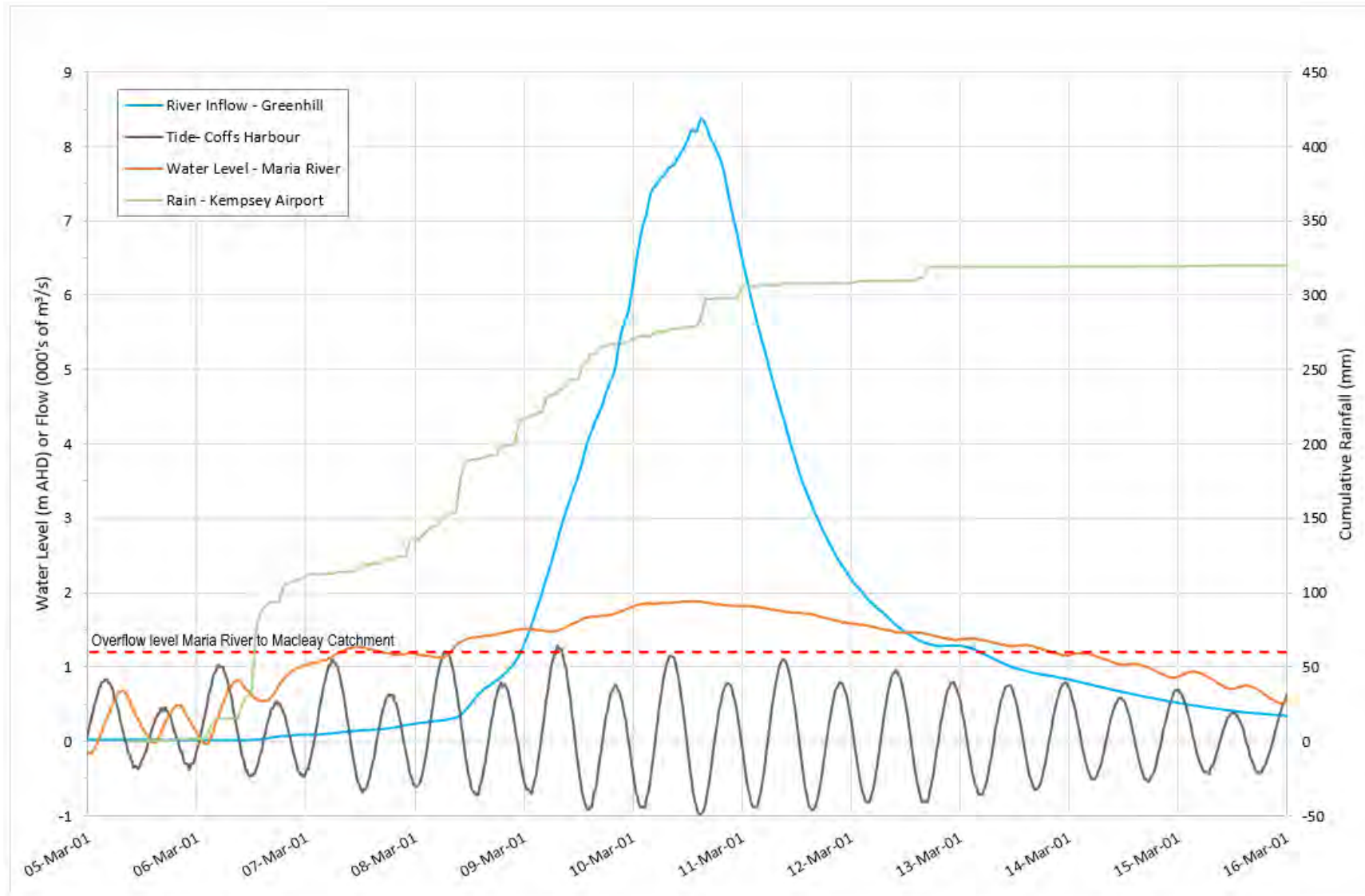
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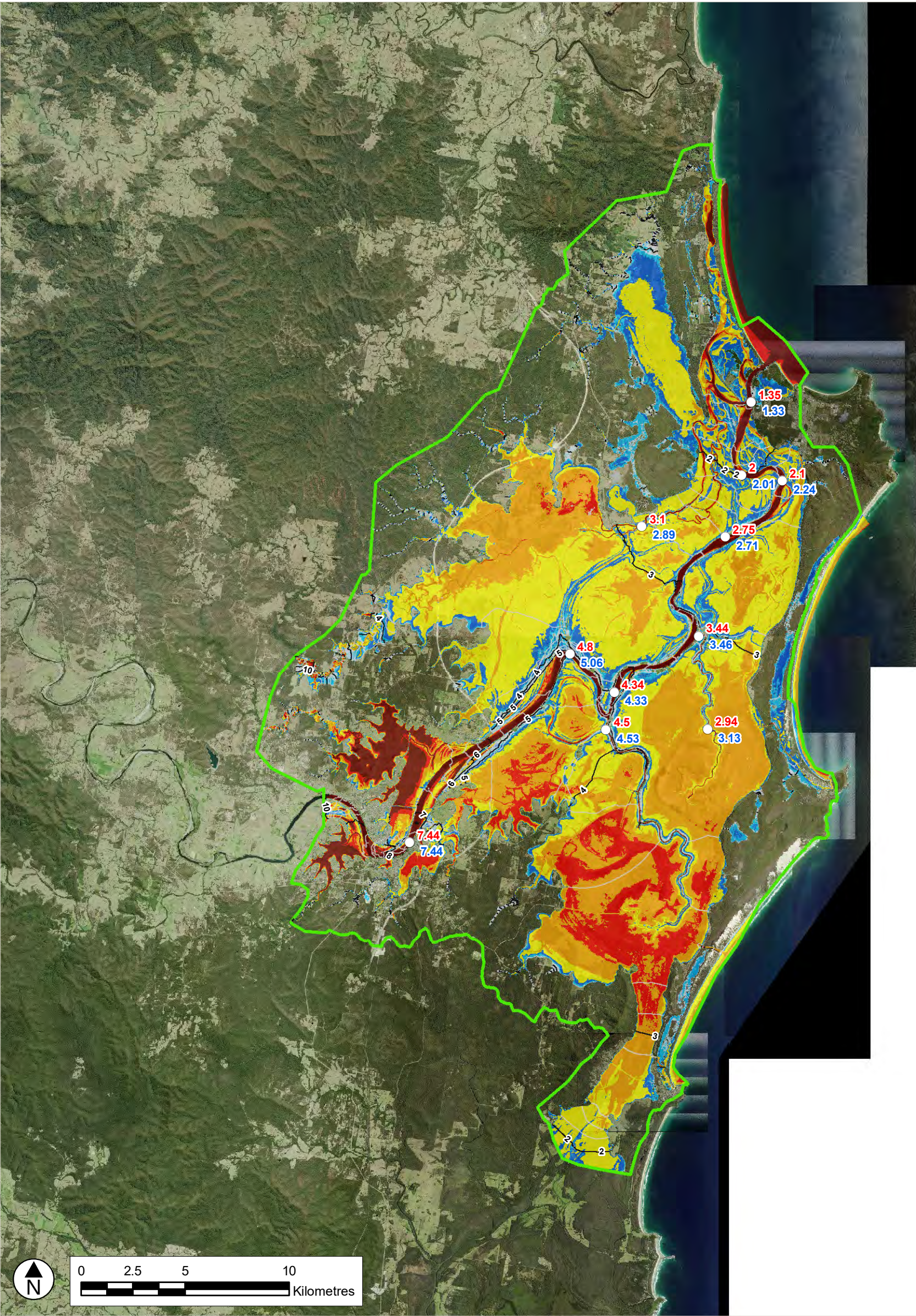
A3				
SHEET		1 of 1		GDA 1994 MGA Zone 56
TITLE		Modelled Rainfall Distributionfo Local Catchments March 2001 Event		
PROJECT		Lower Macleay Flood Study		
DRAWN	PROJECT #	MAP #	REV	VER
LC	IA176800	FIGURE C-1	1	1
CHECK	DATE			
AH	12/10/2018			

Total rainfall depths are for the period
9am 6 March to 9am 12 March 2001.

GIS MAP file : IA176800_R01_FigC-1_2001_RF-dist_01

Figure C-2 Inflow and Tailwater Boundary Hydrographs and Cumulative Rainfall, March 2001





GIS MAP file : IA176800_R03_FigC-3_2001_d_H_cal_02

Legend

Depth (m)			
	0 - 0.2		Flood Level 1m Contour (m AHD)
	0.2 - 0.5		Flood Level 0.2m Contour (m AHD)
	0.5 - 1		Observed Peak Flood Level (m AHD)
	1 - 2		Modelled Peak Flood Level (m AHD)
	2 - 3		Limit of Mapping
	3 - 4		
	> 4		

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LIMITATIONS: This mapping is based on data and assumptions identified in the Lower Macleay Flood Study prepared by Jacobs. Jacobs does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

SHEET		1 of 1		A3	
		GDA 1994 MGA Zone 56			
TITLE		Model Calibration March 2001 Event			
PROJECT		Lower Macleay Flood Study			
DRAWN	PROJECT #	MAP #		REV VER	
LC	IA176800	FIGURE C-3		1	1
CHECK	DATE				
AH	4/07/2019				

A3

Figure C-4 Observed vs Modelled stage hydrograph, Kempsey Traffic Bridge, March 2001

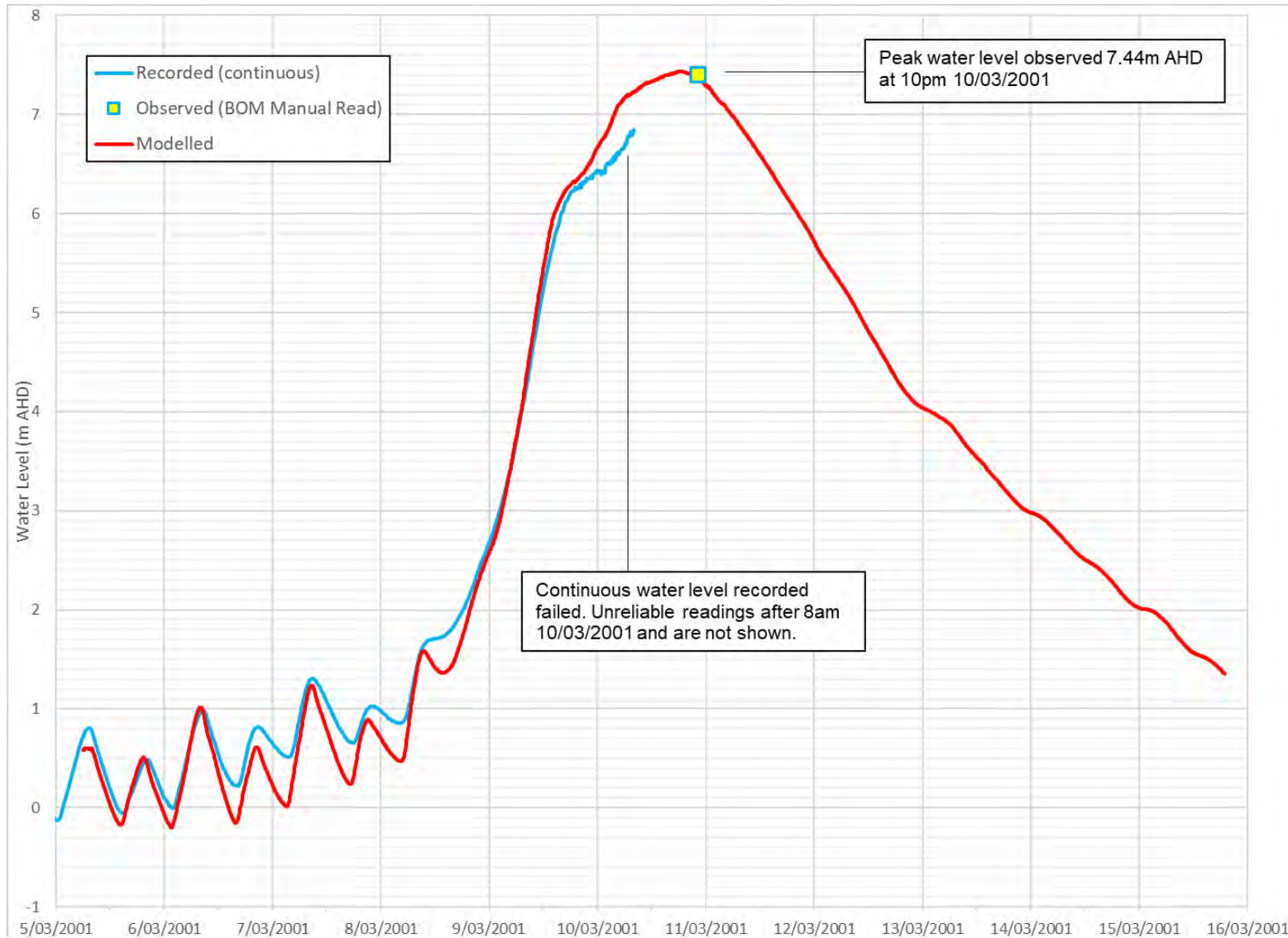


Figure C-5 Observed vs Modelled stage hydrograph, Smithtown, March 2001

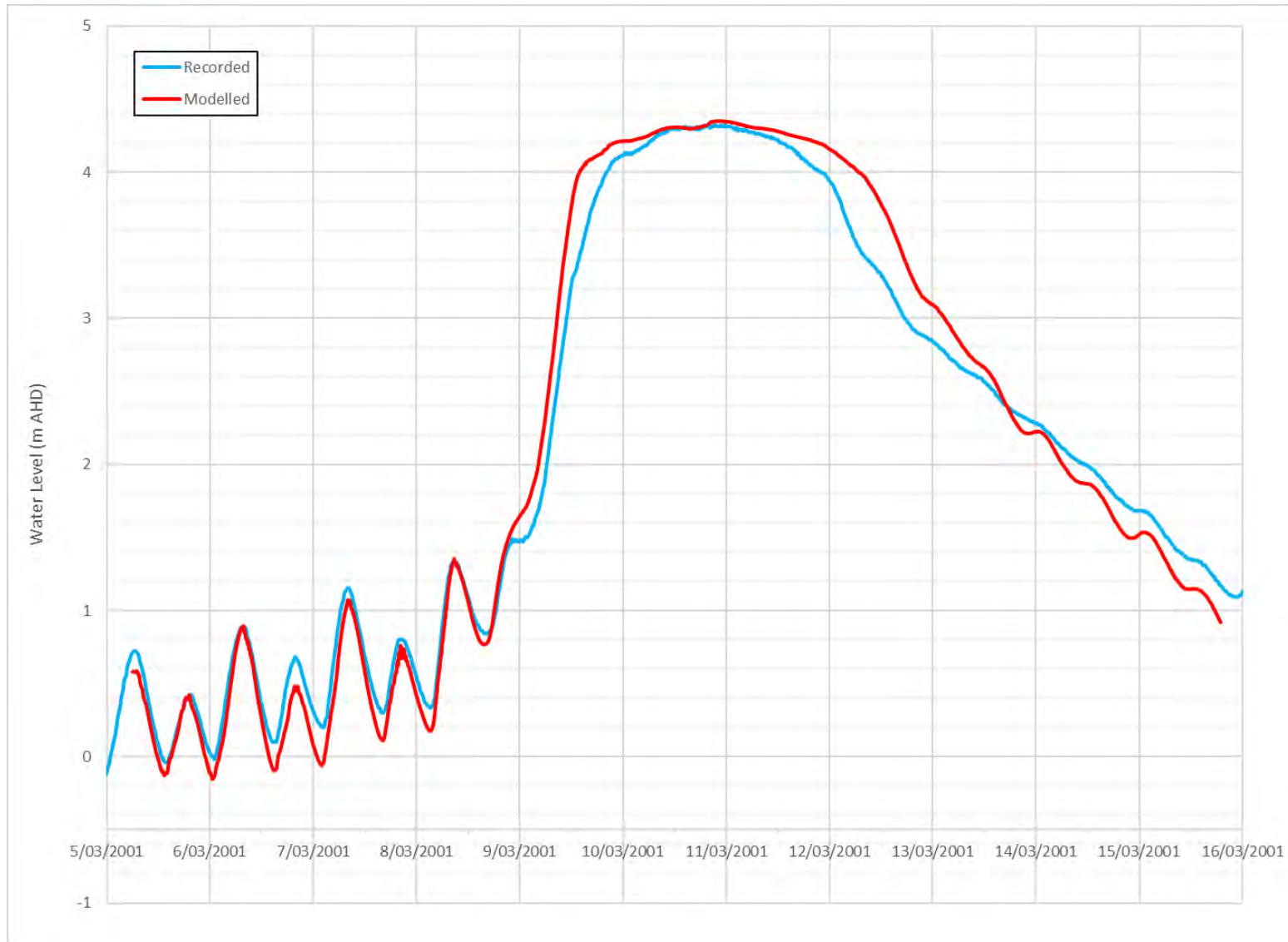


Figure C-6 Observed vs Modelled stage hydrograph, South West Rocks, March 2001

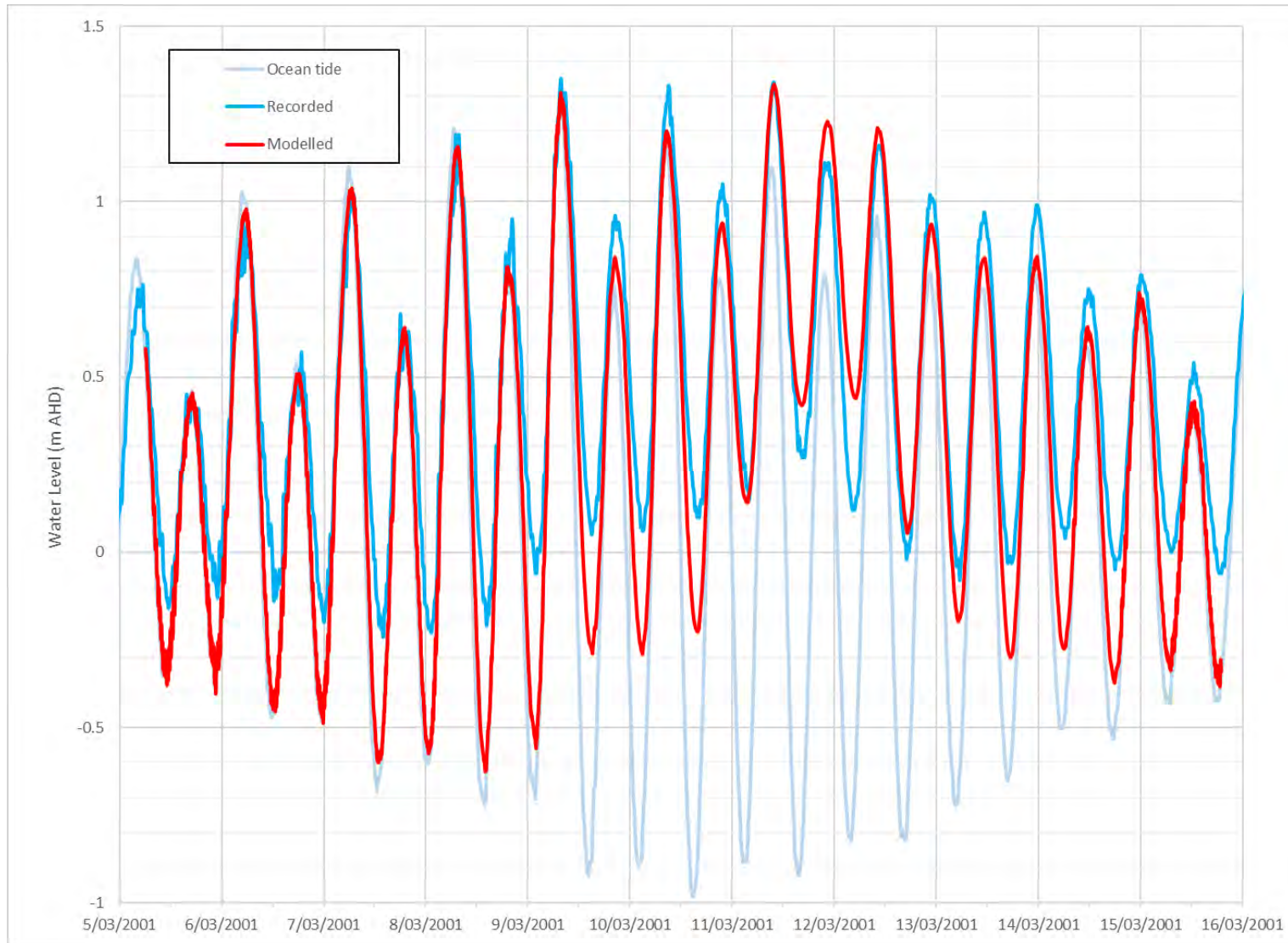


Figure C-7 Modelled water surface profile. Comparison to observed flood marks, Kempsey CBD TUFLOW and RUBICON. March 2001

