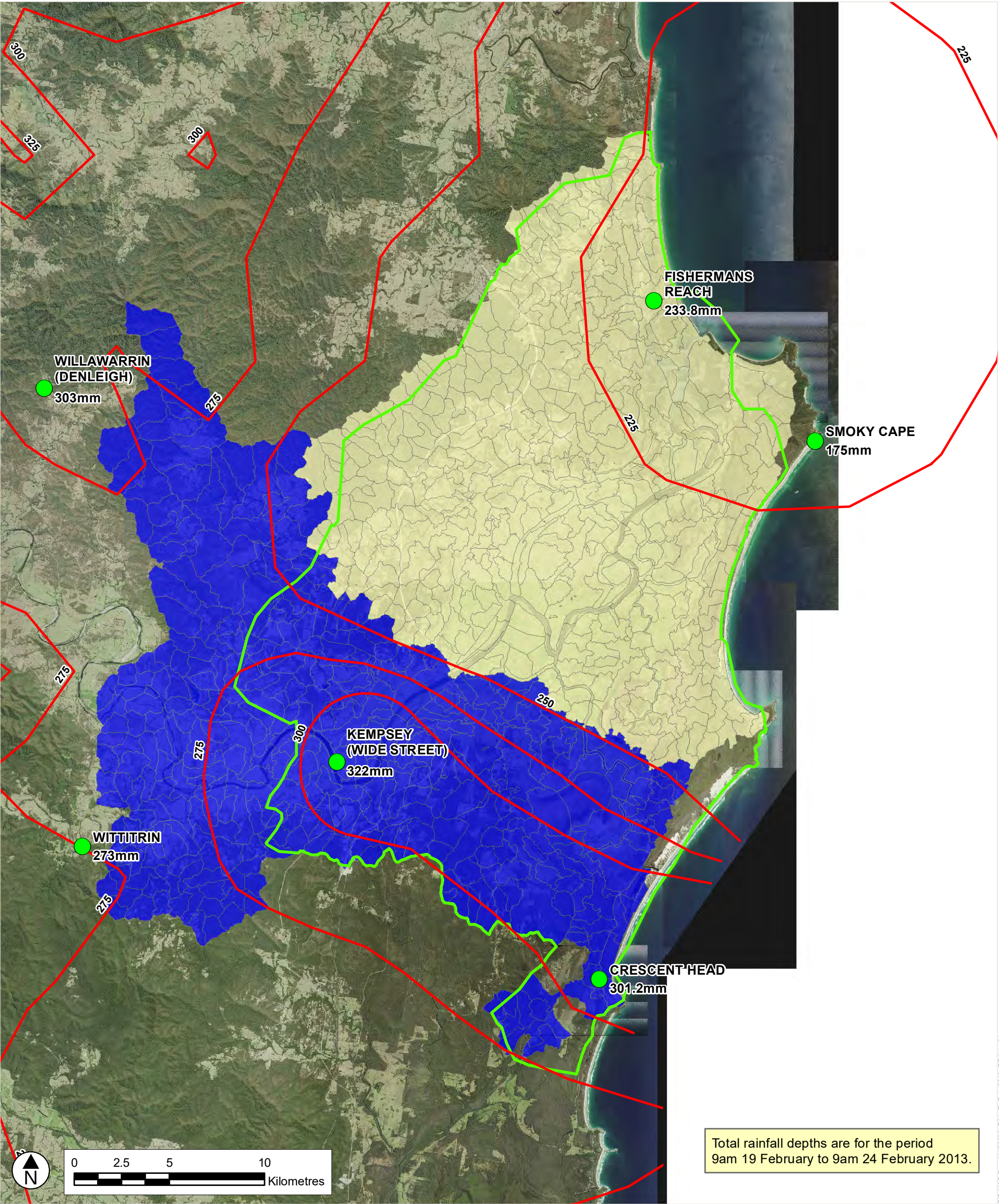


Appendix D. Model Verification – February 2013 Flood Event



Legend

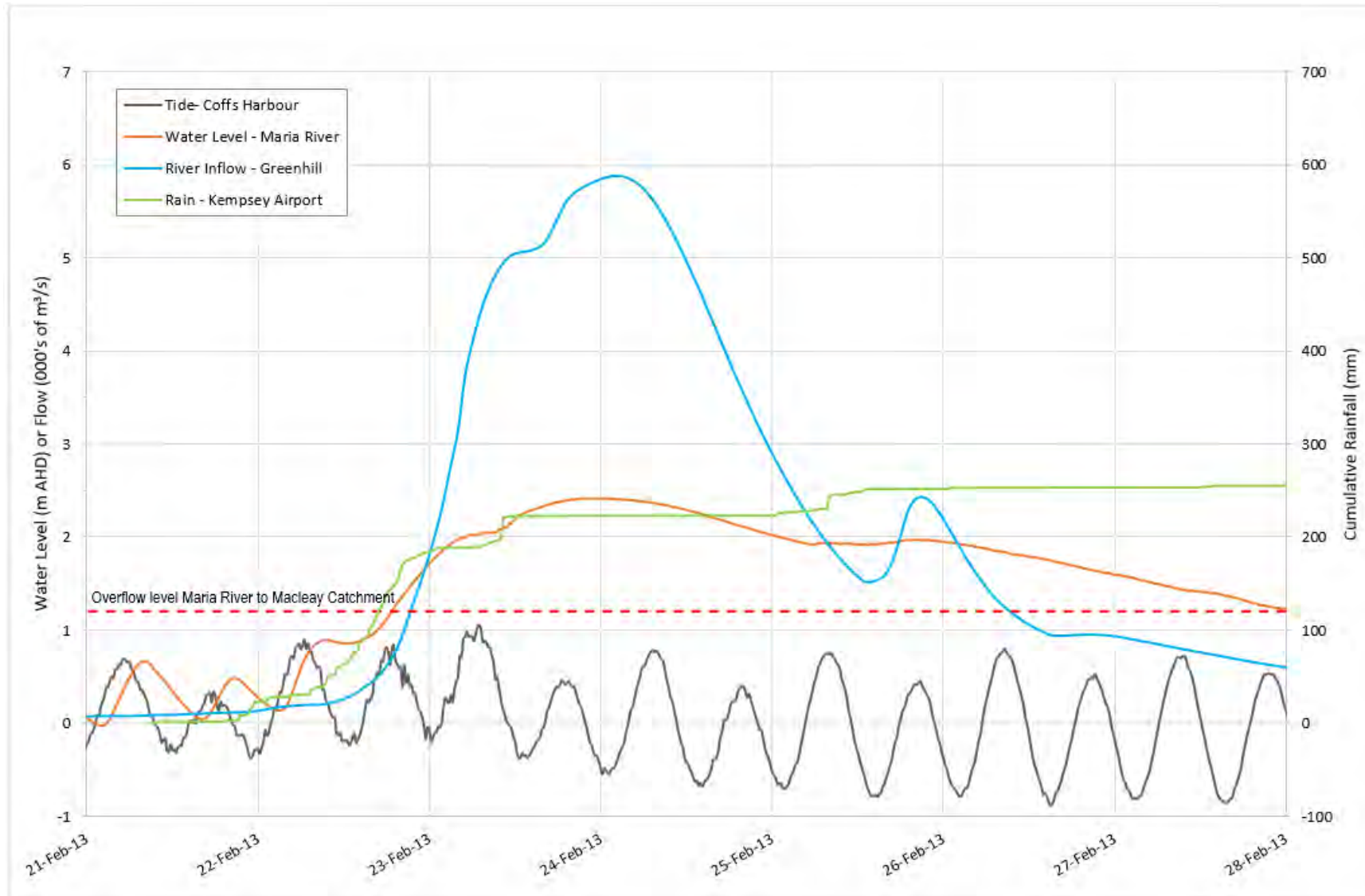
- 2013 Event Rainfall Isohyet
- Rainfall Station
- Adopted Rainfall Temporal Distribution**
 - Kempsey (Pluvio)
 - Fishermans Reach (Daily, scaled with Kempsey Pluvio)
 - TUFLOW Model Extent

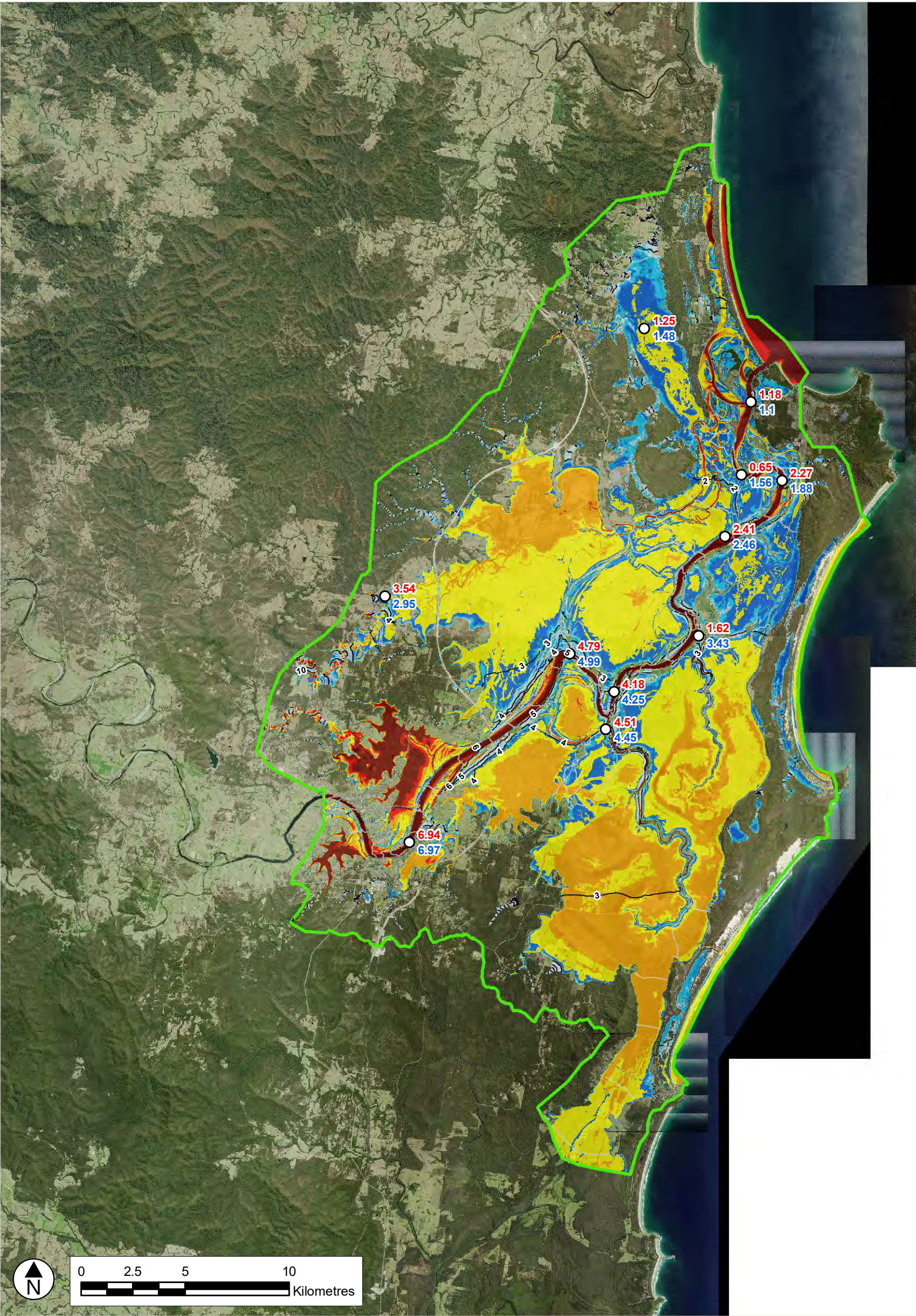
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		A3	
SHEET	1 of 1	GDA 1994 MGA Zone 56	
TITLE	Modelled Rainfall Distribution for Local Catchments February 2013 Event		
PROJECT	Lower Macleay Flood Study		
DRAWN	PROJECT #	MAP #	REV VER
LC	IA176800	FIGURE D-1	1 1
CHECK	DATE		
AH	13/10/2018		

Figure D-2 Inflow and Tailwater Boundary Hydrographs and Cumulative Rainfall, February 2013





GIS MAP file : IA176800_R03_FigD-3_2013_d_H_cal_01

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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A3			
SHEET 1 of 1		GDA 1994 MGA Zone 56	
TITLE		Model Verification February 2013 Event	
PROJECT		Lower Macleay Flood Study	
DRAWN	PROJECT #	MAP #	REV VER
LC	IA176800	FIGURE D-3	1 1
CHECK	DATE		
AH	4/07/2019		

Figure D-4 Observed vs Modelled stage hydrograph, Kempsey Traffic Bridge, February 2013

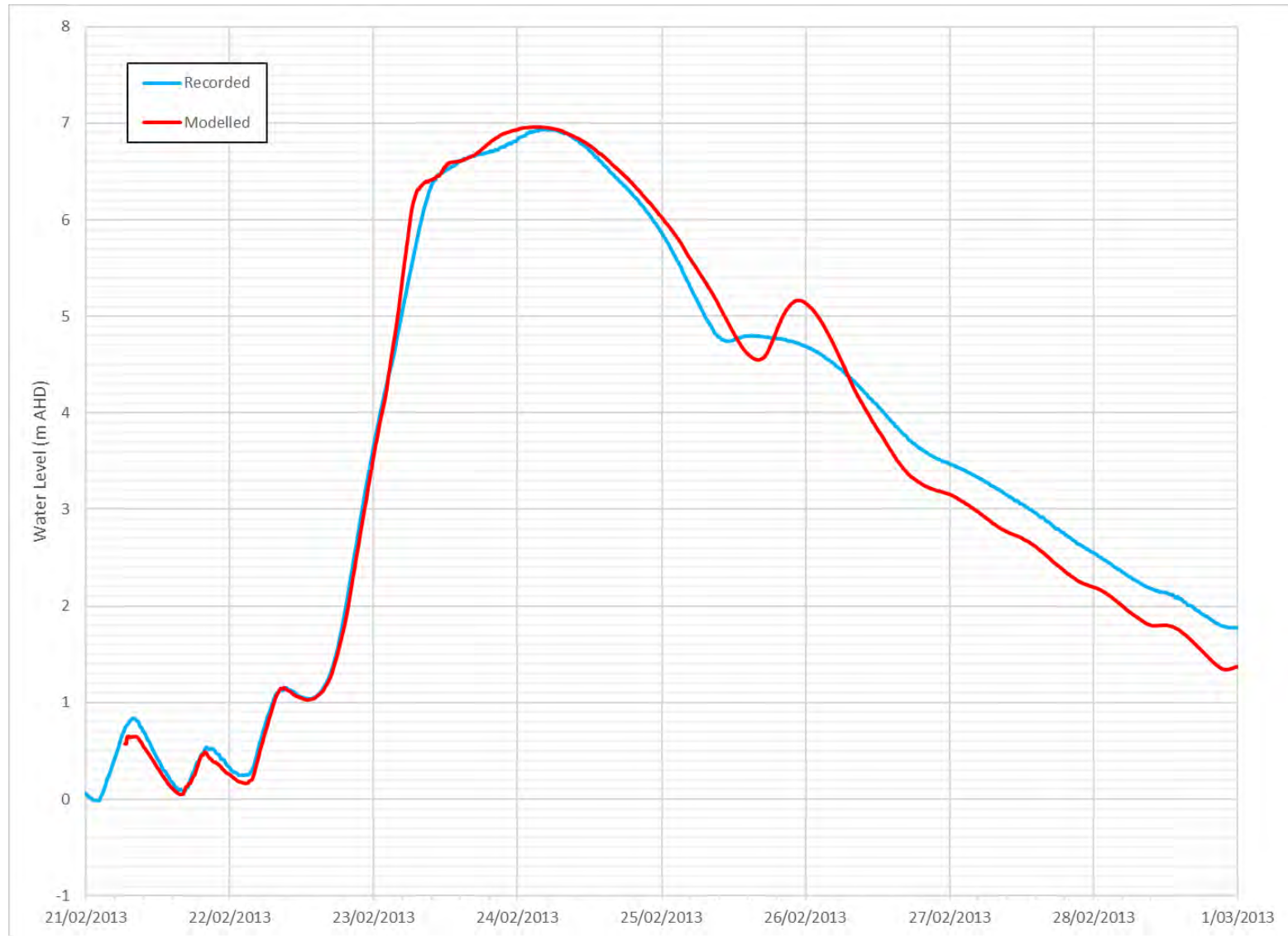


Figure D-5 Observed vs Modelled stage hydrograph, Smithtown, February 2013

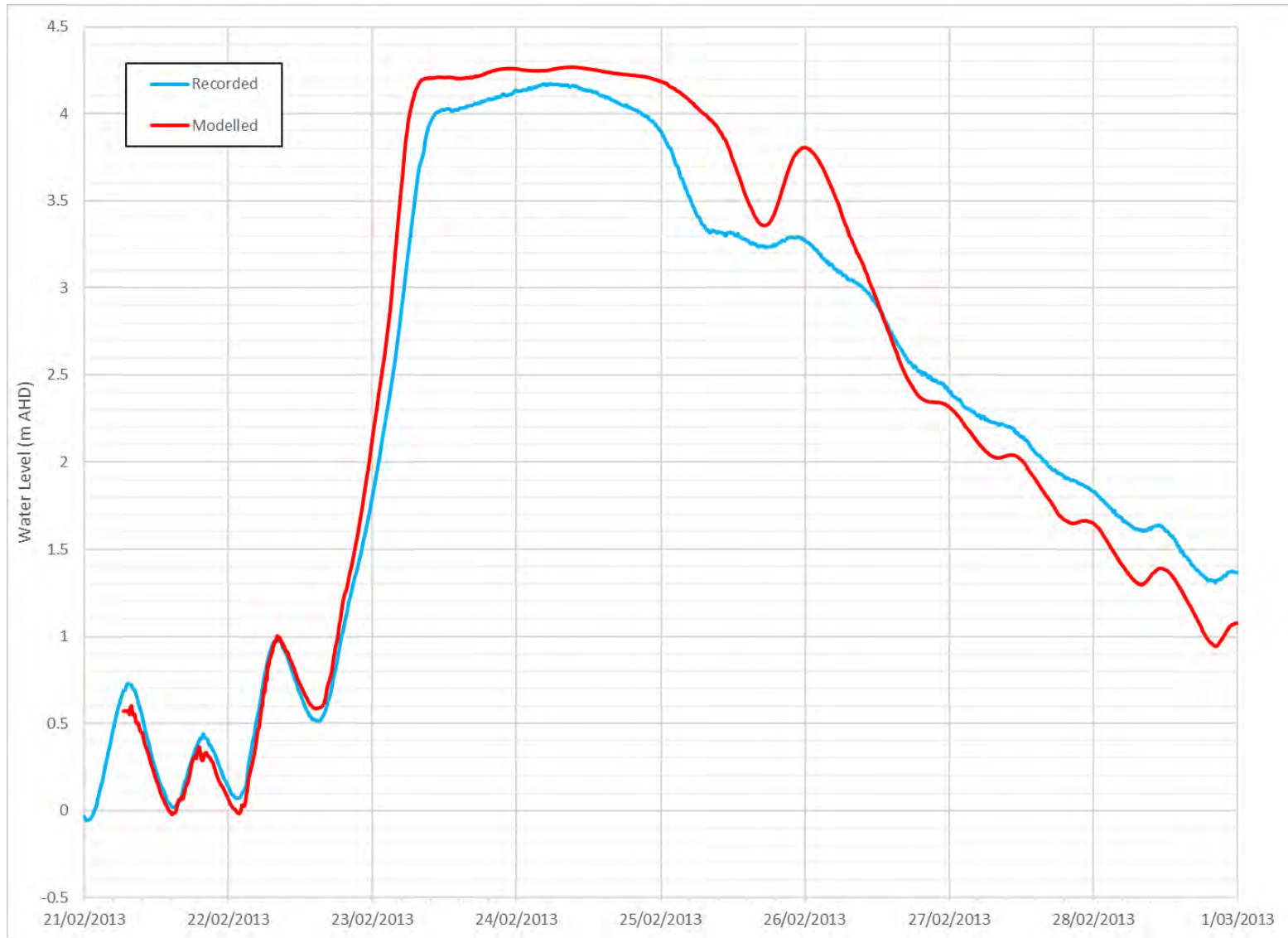


Figure D-6 Observed vs Modelled stage hydrograph, South West Rocks, February 2013

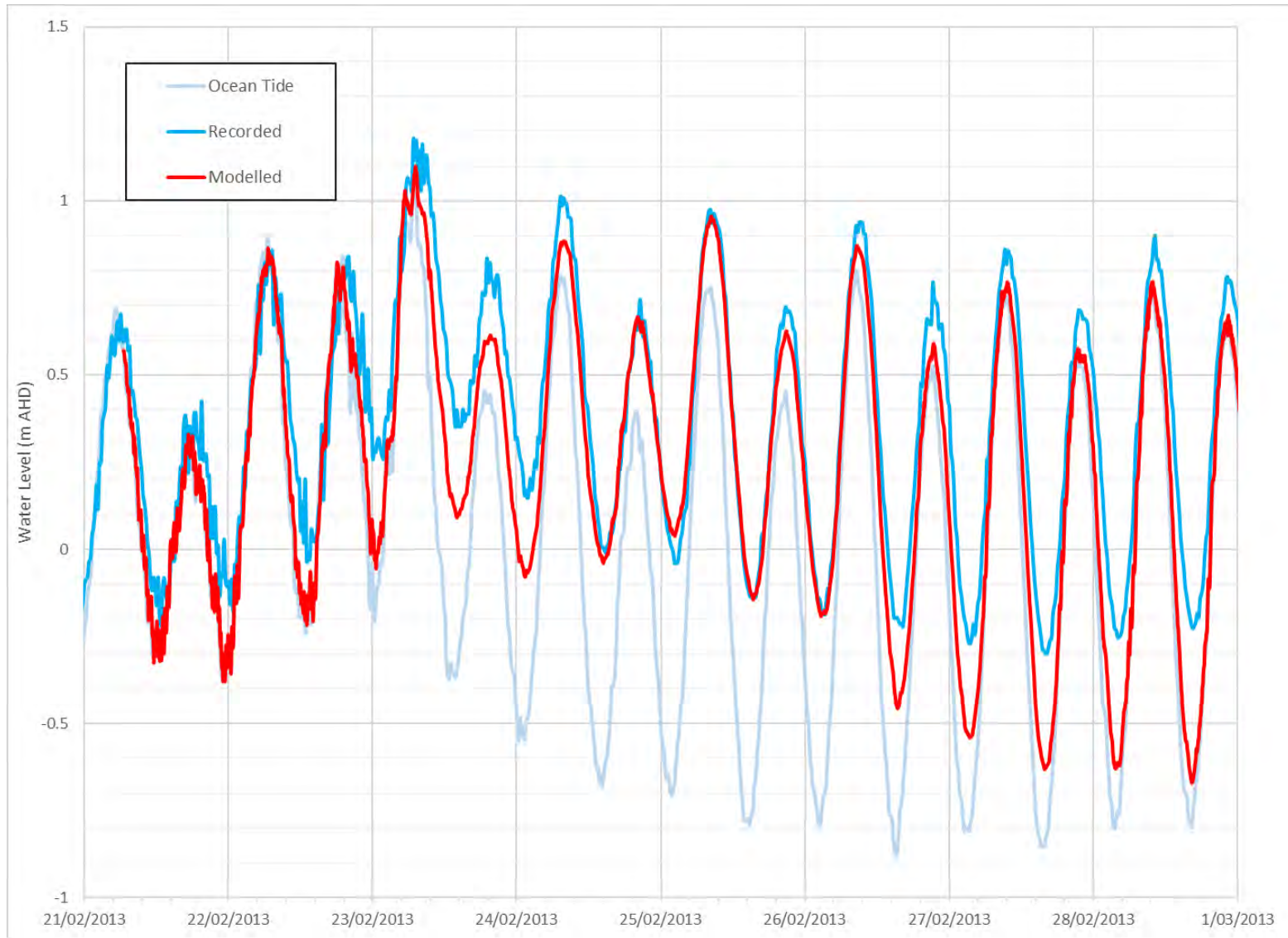


Figure D-7 Modelled water surface profile. Comparison to observed flood marks and Kempsey CBD TUFLOW. February 2013

