

Appendix A

Rainfall data



Intensity, Frequency, Duration (IFD) data

Table A.1 IFD data used in XP RAFTS model (Intensity values in mm/hr)

Storm duration (minutes)	Average Recurrence Interval (years)						Probable Maximum Precipitation ¹
	2 ¹	5 ¹	10 ¹	50 ¹	100 ¹	1000 ²	
1080 ³	4.40	5.58	6.30	8.62	9.67	13.74	-
2160 ⁴	2.64	3.40	3.87	5.38	6.07	-	22.99

(1) Sourced from Bureau of Meteorology (2013)

(2) Sourced from Parsons Brinckerhoff (2012)

(3) Critical duration for 100, 1000 yr ARI events

(4) Critical duration for 2, 5, 10, 50 yr ARI events and PMP event