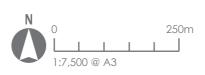
APPENDIX A – EXISTING & PROPOSED CONTOURS

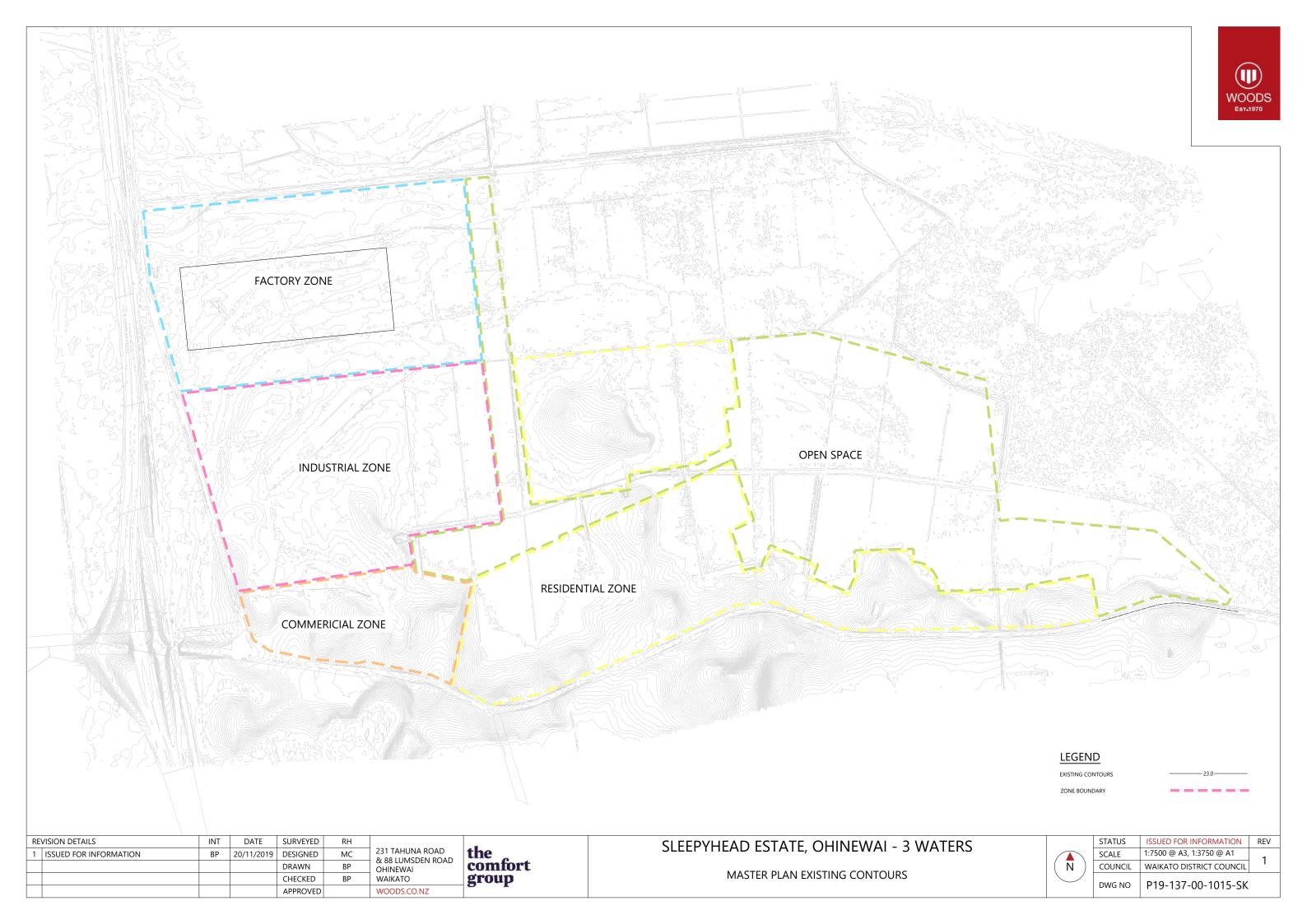
OHINEWAI STRUCTURE PLAN Illustrative Masterplan

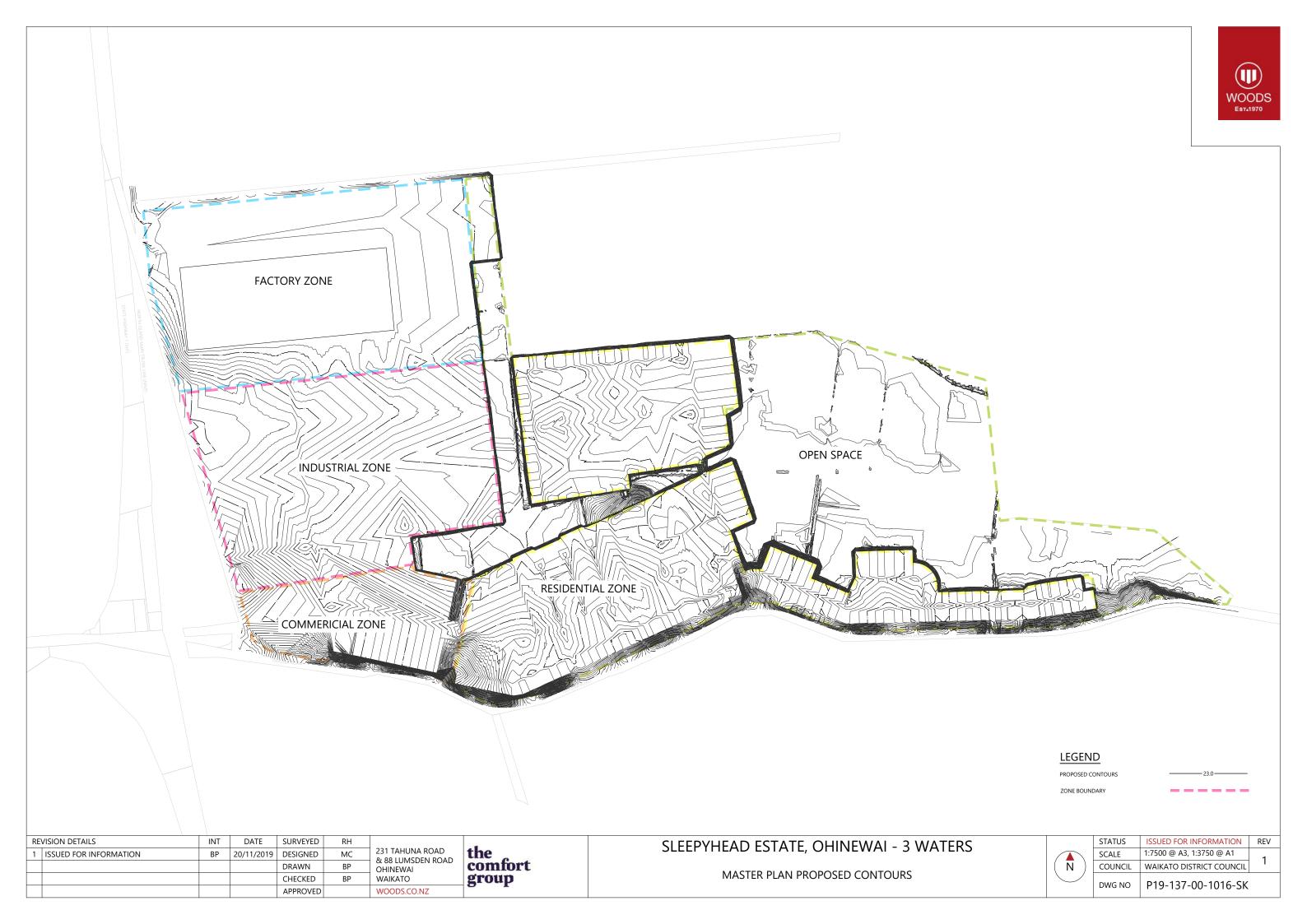
Date: 03 October 2019 | Revision J

Drawing Number: 1805_018



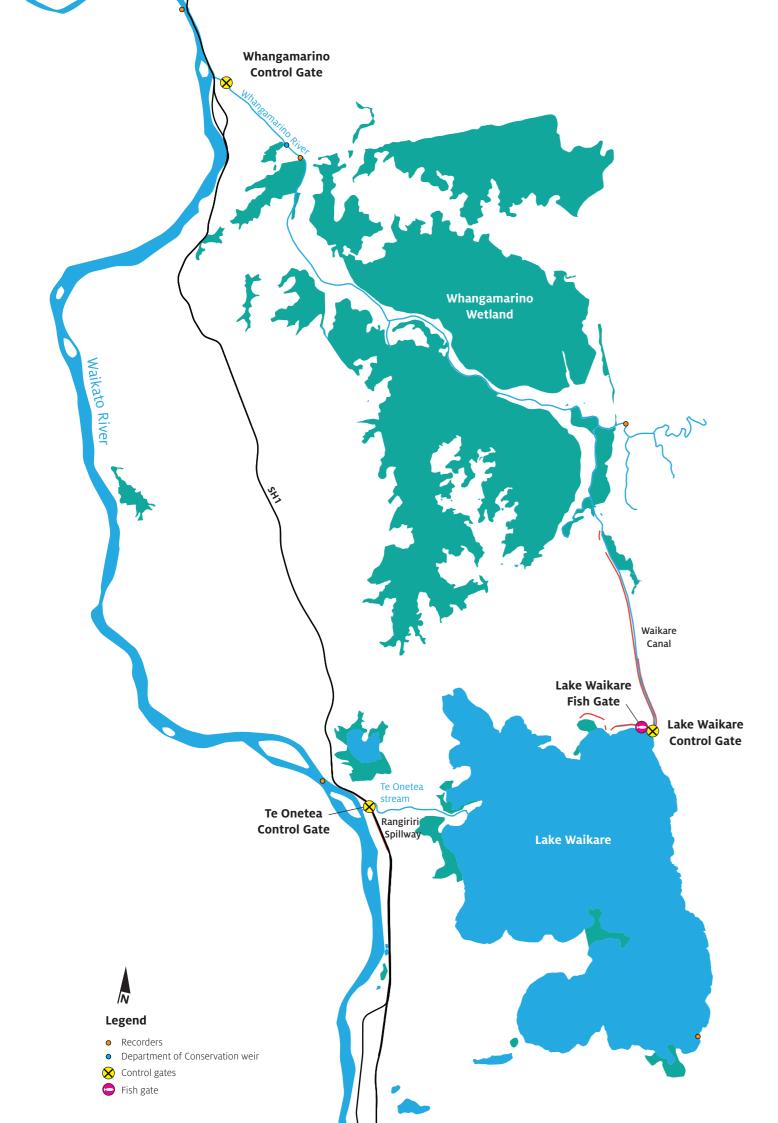








APPENDIX B – WRC COMMUNITY GATE OPERATIONS



TE ONETEA GATE OPERATION

Action is determined primarily by the relationship between the Waikato River level at the gate and the Lake Waikare level.				
Situation	Action			
Waikato River level is below Lake Waikare Levels	Te Onetea gate will be closed			
Waikato River level is above Lake Waikare Level but below RL 7.00 metres	Te Onetea gate will be open			
Waikato River level is above Lake Waikare Level and above RL 7.00 metres	Te Onetea gate will be closed			

WAIKARE GATE OPERATION

Action is determined by the relationship between the Lalce Level and the appropriate seasonal Target Level.					
Season	Action				
April 1 to September 30 RL 5.50 metres	Gate opening/closing levels and apertures are to be set with the objective of keeping the Lake level between RL's 5.40 and 5.60 metres.				
October 1 to December 31 RL 5.65 metres	Gate opening/closing levels and apertures are to be set with the objective of keeping the Lake level between RL's 5.55 and 5.75 metres.				
January 1 to March 31 RL 5.60 metres	Gate opening/closing levels and apertures are to be set with the objective of keeping the Lake level between RL's 5.50 and 5.70 metres.				
Situation	Action				
Whangamarino Gate is closed	Waikare Gate is then closed. Te Onetea Gate is also closed.				
Rangiriri Spillway is operating	Waikare Gate is then closed. Te Onetea Gate is also closed.				

WHANGAMARINO GATE OPERATION

Action is determined by the relationship between the Wh	angamarino River Level and the Waikato River Level.			
Situation	Action Whangamarino gate will be closed, unless agreed			
Waikato River level is above Whangamarino River Level	Whangamarino gate will be closed, unless agreed otherwise by key parties.			
Waikato River level is below Whangamarino River Level	Whangamarino gate is opened.			

WAIKARE GATE FISH PASS

Situation	Action
Lake is operating under a flood.	Fish pass gate is closed.
Lake is at or below RL 5.40 meters.	Fish pass gate is closed.
Lake is operating in normal range.	Fish pass gate is opened.

Reference: EWDOCS n1348507 v2 Lake Waikare system structures mitigation management plan - Lower Waikato Waipa flood control

APPENDIX C – STAKEHOLDER ENGAGEMENT RECORDS / MEETING MINUTES



To From

Mark Pennington Tonkin + Taylor (T+T) / Waikato Regional Council (WRC)

Ajay Desai – Senior Stormwater Modeller

Circulation: Woods, WRC W-REF: P19-186
13 September 2019

Meeting Minutes - 12/09/2019

88 Lumsden Road/231 Tahuna Road, Ohinewai

Location	Microsoft Team Meeting					
Time & Date		12/09/2019	Taken by	Ajay Desai		
Attendees	Initials	Name		Company		
	AD	Ajay Desai		Woods		
	MP	Mark Pennington		T+T / WRC		
	SG	Sakti Gounder		Woods		
	PW	Pranil Wadan		Woods		
Apologies	Initials	Name		Company		
	DG	David Gaze		Gaze Holdings Limited		

Woods

Proposal / Introduction

Mark Pennington has been engaged by Waikato Regional Council to review the modelling completed by Woods (working on behalf of Ambury Properties Ltd) for the proposed development at 88 Lumsden Road/231 Tahuna Road, Ohinewai. Findings will be discussed and shared with WRC. This meeting was the first model review discussion meeting to agree on items listed below.

P19-186: 13/09/2019 : Page 1 of 3



Minutes

Actic	on Items	Responsibility	Status	Agreement between Reviewer and Modelle
a)	Findings to the review will be discussed and shared with WRC	MP	Ongoing	Agreed
b)	Stormwater drains being surveyed, to be included in the model (to be represented in 2D)	AD	Ongoing	
c)	Check the DHI model vertical datum - possibly Moturiki 1953	AD / MP	Ongoing	
d)	Survey datum to be checked and confirmed to match DHI model	AD	Ongoing	
Pre	-Development Model Development discussions			
e)	2D model boundary extent as shown in Appendix A		Completed	Agreed
f)	2D model extent to be subtracted from the contributing NAM runoff catchment (catchment 25)	AD	Ongoing	Agreed
g)	Infiltration losses to be modelled for 2D domain once predevelopment model is validated against the Waikato River model	AD	Ongoing	Agreed
h)	Stormwater drain survey data to be included in the model when available		Waiting for drain survey to be completed	Agreed
i)	River Waikato (along with the associated lateral link) trimmed as per the 2D model extent		Completed	Agreed
j)	River Waikato stop banks within 2D extents to be modelled as per DHI model		Completed	Agreed
k)	Rangiri Spillway to be modelled as per DHI model in 1D		Completed	Agreed
l)	1D model extent to include modelled streams to include all control gates - Lake Waikare Control gate, Whangamarino Control gate, Te Onetea Control gate		Completed	Agreed
m)	All the control gates to be included in the model based on the DHI model (Lake Waikare Control gate, Whangamarino Control gate, Te Onetea Control gate)		Completed	Agreed
n)	Lake Waikere to be modelled in 1D based on Waikato River DHI model as additional storage in cross section data		Completed	Agreed
o)	Level storage relationship to be checked against DEM elevations to avoid double counting of storage. Area represented in 2D domain to be subtracted from Lake Waikere storage.	AD	Ongoing	Agreed
p)	DHI model to be checked for Lake Waikere storage being modelled appropriately	AD	Ongoing	Agreed
q)	Lake Ohinewai included in 2D model using depth contours provided by WRC		Completed	Agreed
r)	Hydraulic grade between Lake Rotokawau and Lake Waikere to be checked against connecting stormwater drain survey data is available		To be checked when drain survey data is available	Agreed
Pos	et Development Model Development Scenarios:			
s)	To be discussed on completion of Pre-Development scenario	AD / MP	Planned	Agreed
Sto	p bank breach scenarios:			
t)	To be discussed on completion of Pre-Development scenario. Initial thoughts:	AD / MP	Planned	Agreed
u)	Calculate water level differences between River Waikato and eastern land adjoining the stop bank along the stopbank length to assess the critical location for stopbank breach.	AD / MP	Planned	Agreed

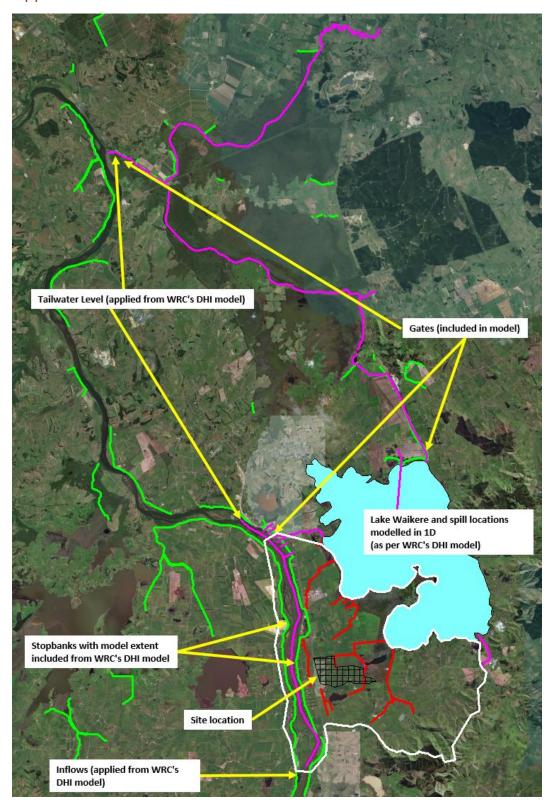
Ajay Desai

Senior Stormwater Modeller

Approved as true and accurate record of meeting



Appendix A





To From

Mark Pennington Tonkin + Taylor (T+T) / Waikato Regional Council (WRC) Woods Ajay Desai – Senior Stormwater Modeller

Circulation: Woods, WRC W-REF: P19-186 10 October 2019

Meeting Minutes - 12/09/2019

88 Lumsden Road/231 Tahuna Road, Ohinewai

Location Microsoft Team Meeting						
Time & Date		10/10/2019 Taken by		Ajay Desai		
Attendees	Initials	Name Ajay Desai Mark Pennington		Company		
	AD			Woods T+T / WRC		
	MP					
Apologies	Initials	Name		Company		
	DG	David Gaze		Gaze Holdings Limited		
	SG	Sakti Gounder		Woods		
	PW	Pranil Wadan		Woods		

Proposal / Introduction

Mark Pennington has been engaged by Waikato Regional Council to review the modelling completed by Woods (working on behalf of Ambury Properties Ltd) for the proposed development at 88 Lumsden Road/231 Tahuna Road, Ohinewai. Findings will be discussed and shared with WRC. This meeting was the third model review discussion meeting to agree on items listed below.

P19-186: 10/10/2019 : Page 1 of 3



Minutes

Actio	on Items	Responsibility	Status	Agreement between Reviewer and Modeller	
Pre	-Development Model Development discussions				
a)	Update the maximum dx for Waikato River to 10 (DHI model uses 10,000)	AD	Completed	Agreed	
b) Dra	Update the Mike 11 initial water levels for surveyed drains as follows: in 1 and Drain 2 – 4.9mRL; Drain 3 – 5.0mRL	AD	Completed	Agreed	
c)	Lake Waikare and Lake Rotokawau modelled as 1D without any storage associated with Lake Rotokawau (no data available and surveying is difficult with no access)	AD	Completed	Agreed	
d)	Refer to WRC's Modelling Specifications for Curve Number method for subcatchment based modelling approach instead of rain on grid to represent losses associated with land uses appropriately	AD	Ongoing	Agreed	
e)	Compare CN approach with wider DHI model to assure they have similar results (minor differences are expected with CN and NAM Runoff methods)	AD	Ongoing	Agreed	
Pos	t Development Model Development Scenarios:				
f)	To be discussed on completion of Pre- Development scenario	AD / MP	Planned	Agreed	
Sto	p bank breach scenarios:				
g)	Calculate water level differences between River Waikato and eastern land adjoining the stop bank along the stopbank length to assess the critical location for stopbank breach.	AD	Planned	Agreed	
h)	Check model results to the south west of site if flows from breach would enter site	AD	Planned	Agreed	

P19-186: 10/10/2019 : Page 2 of 3

Ajay Desai

Senior Stormwater Modeller

Approved as true and accurate record of meeting

P19-186: 10/10/2019 : Page 3 of 3



To From

Mark Pennington Tonkin + Taylor (T+T) / Waikato Regional Council (WRC)

Ajay Desai – Senior Stormwater Modeller

Circulation: Woods, WRC W-REF: P19-186
24 October 2019

Meeting Minutes - 23/10/2019

88 Lumsden Road/231 Tahuna Road, Ohinewai

Location	Microsoft Team Meeting						
Time & Date		23/10/2019	Taken by	Ajay Desai			
Attendees	Initials	Name Ajay Desai		Company			
	AD			Woods			
	MP	Mark Penning	ton	T+T / WRC			
Apologies	Initials	Name		Company			
	DG	David Gaze		Gaze Holdings Limited			
	SG	Sakti Gounder		Woods			
	PW	Pranil Wadan		Woods			

Woods

Proposal / Introduction

Mark Pennington has been engaged by Waikato Regional Council to review the modelling completed by Woods (working on behalf of Ambury Properties Ltd) for the proposed development at 88 Lumsden Road/231 Tahuna Road, Ohinewai. Findings will be discussed and shared with WRC. This meeting was the third model review discussion meeting to agree on items listed below.

P19-186: 24/10/2019 : Page 1 of 3



Minutes

Actio	on Items	Responsibility	Status	Agreement between Reviewer and Modeller
Pre	-Development Model Development discussions			
a)	Waikato River model built by DHI gives a maximum water level of approximately 8.5mRL around Lake Waikere which is higher than the spillway which would operate at 8mRL. Hence the model results cannot be relied upon for this assessment and Woods should continue using the local model that has been built using Curve Number approach (as per Waikato Stormwater Runoff Modelling Guideline)	AD / MP		Agreed
b)	Use a constant boundary condition of 8mRL for Lake Waikere and exclude interactions between River Waikato and Lake Waikare which operates above 8mRL	AD / MP		Agreed
c)	River Waikato and other streams to be excluded from the model as there is no interaction between River Waikato and proposed site (flood effects are only from Lake Waikare). DHI model to be used as reference only.	AD / MP		Agreed
d)	AD to document DHI model results around Lake Waikare in an email and circulate to MP and Rick Liefting (WRC).	AD		Agreed
Pos	st Development Model Development Scenarios:			
e)	To be discussed on completion of Pre-Development scenario	AD / MP	Planned	Agreed
Sto	p bank breach scenarios:			
f)	2 locations identified for breach discussed and agreed to be tested in one model run, if needed these can be tested separately following discussion between AD and MP.	AD	Agreed	Agreed
g)	Use steady state analysis with a breach of approximately 30m by applying a constant water level of 10mRL at River Waikato and 8mRL at Lake Waikare for checking the impact of breach on proposed development. This is not an effects assessment for comparing pre and post development scenarios but only to understand and highlight risk by breach of stop bank.	AD	Planned	Agreed

Ajay Desai

Senior Stormwater Modeller

Approved as true and accurate record of meeting

P19-186: 24/10/2019 : Page 3 of 3



To From

Mark Pennington Tonkin + Taylor (T+T) / Waikato Regional Council (WRC) Woods Ajay Desai – Senior Stormwater Modeller

Circulation: Woods, WRC W-REF: P19-186
25 October 2019

Meeting Minutes - 25/10/2019

88 Lumsden Road/231 Tahuna Road, Ohinewai

Location	Microsoft Team Meeting					
Time & Date		23/10/2019	Taken by	Ajay Desai		
Attendees	Initials	Name		Company		
	AD	Ajay Desai		Woods		
	RL	Rick Liefting		WRC		
	GB	Ghassan Bash	eer	WRC		
	SG	Sakti Gounder		Woods		
Apologies	Initials	Name		Company		
	MP	Mark Pennington		T+T / WRC		

Proposal / Introduction

This meeting was arranged between WRC and Woods to discuss the modelling approach taken and agreed with Mark Pennington has been engaged by Waikato Regional Council to review the modelling completed by Woods for the proposed development at 88 Lumsden Road/231 Tahuna Road, Ohinewai.

Findings will be discussed and shared with WRC. This meeting was the fourth model review discussion meeting to agree on items listed below.

P19-186: 25/10/2019 : Page 1 of 3



Minutes

Actio	on Items	Responsibility	Status	Agreement between Reviewer and Modeller	
Pre	-Development Model Development discussions				
a)	Waikato River model built by DHI gives a maximum water level of approximately 8.5mRL around Lake Waikere which is higher than the spillway which would operate at 8mRL. Hence the model results cannot be relied upon for this assessment and Woods should continue using the local model that has been built using Curve Number approach (as per Waikato Stormwater Runoff Modelling Guideline).	AD	Done	Agreed	
b)	Use a constant boundary condition of 8mRL for Lake Waikere and exclude interactions between River Waikato and Lake Waikare which operates above 8mRL	AD	Done	Agreed	
c)	River Waikato and other streams to be excluded from the model as there is no interaction between River Waikato and proposed site (flood effects are only from Lake Waikare). DHI model to be used as reference only.	AD	Done	Agreed	
Pos	st-Development Model Development discussions				
d)	WRC and Woods have agreed that the proposed development would not be discharging to any of the existing WRC drains. This will be reflected in the ongoing Stormwater Management, design and modelling.	AD/SG		Information only	
Sto	p bank breach scenarios:				
e)	2 locations identified for breach discussed and agreed to be tested in one model run, if needed these can be tested separately following discussion between AD and MP.	AD	Ongoing	Agreed	
f)	Use steady state analysis with a breach of approximately 30m by applying a constant water level extracted from the DHI Waikato River model using RCP8.5 scenario and 8mRL at Lake Waikare for checking the impact of breach on proposed development. This is not an effects assessment for comparing pre and post development scenarios but only to understand and highlight risk by breach of stop bank.	AD	Ongoing	Agreed	

g)	Include earth bund around Rangiriri Spillway (part of Flood Management Emergency Plan) upstream end the spillway across the state highway terminating at the railway embankment to have no overland flow around the highway corridor at this location. Details provided by GB.	AD	Ongoing	Agreed
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Ajay Desai

Senior Stormwater Modeller

Approved as true and accurate record of meeting

To

Mercury Energy Fraser Graafhuis Level 3/17 Grantham Street Hamilton 3204

From

Woods Sakti Gounder – Stormwater Engineer

W-REF: P18-258 16 September 2019

Memorandum

88 Lumsden Road/231 Tahuna Road – Stormwater Summary

This memo has been written to summarise the stormwater modelling proposed to be undertaken for the site at 88 Lumsden Road and 231 Tahuna Road, Ohinewai. Both addresses are part of the development site held by the New Zealand Comfort Group (NZCG), a subsidiary of Ambury Properties Ltd (APL).

APL are intending to develop both sites to include industry, factory outlet shops, a service centre and community focused shops/activities and a medium density residential development.

This memo summarises the stormwater flood modelling strategy for the proposed development. The flood modelling strategy has been formulated to quantify the effects of development on the water levels in Lake Waikare, Lake Rotokawau and neighbouring sites.

1. Modelling approach

The site lies to the east of the Waikato Expressway and the Waikato River. The site location is indicated in green in Figure 1. The site is located to the east of the stop banks along the Waikato River.

Three modelling scenarios are proposed to be run:

- Pre-development model: to quantify the existing scenario.
- Post development model: to quantify the effects of development. Effects includes any increases in water level or flood extents within Lake Waikare, Lake Rotokawau or neighbouring sites.
- Post development optioneering models: to quantify the effects of development across Lake Waikare/Lake Rotokawau and other neighbouring sites with proposed stormwater management devices in place.
 - It should be noted that the post development optioneering models will quantify flood effects with stormwater attenuation devices in place.
- An emergency management scenario: to quantify effects in the instance of a damn/stop bank breach. Flood results to quantify inundation risk to the development.

Waikato Regional Council (WRC) have requested that all future/post development models use the RCP6.0 temperature increase to model future rainfall scenarios with an additional sensitivity analysis to be done for RCP8.5 temperature increase.

RCP6.0 and RCP8.5 are models to represent increase in rainfall resulting from climate change. RCP stands for representative concentration pathways for the greenhouse gas emissions currently in the atmosphere. RCP6.0 represents a 'stabilisation pathway' scenario, where the effect of greenhouse gas emissions stabilises after 2100. This is a conservative estimate of increases in rainfall due to climate change.

RCP8.0 represents a 'business as usual' concentration pathway, with very high greenhouse gas concentrations by 2100 and beyond. This represents extreme increases in temperature and will result in a conservative estimate of flood levels for the project. It should be noted that the RCP8.0 scenario will only be run as part of a sensitivity analysis.

WRC are kept involved and informed throughout the project as Woods are working collaboratively with Mark Pennington who has been appointed as the reviewer by WRC.

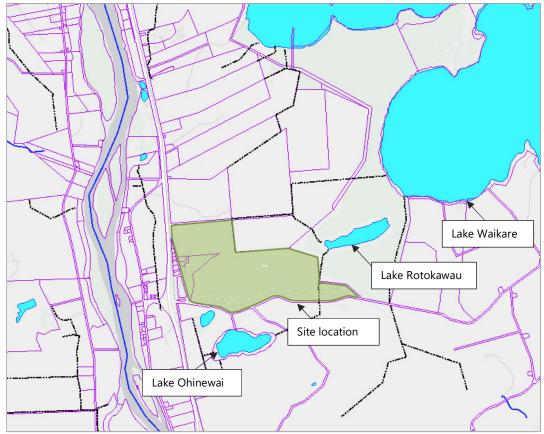


Figure 1: Site location

2. Modelled extent

Woods have received Waikato Regional Council's (WRC's) Mike by DHI model of the Waikato River. The modelling scope includes running a 'cut down' version of the model to set a baseline scenario to be used to quantify the effects of the development on Lake Waikare, Lake Rotokawau and other land holders in the area

The DHI model is a 1D model of the Waikato River only and does not include the rivers and lakes to the east of the expressway. Woods have defined a modelling approach, which has been shared with WRC. This section summarises the modelling approach.

Woods propose to take the existing 1D model and incorporate the 2D extents to quantify the effects of filling in the site. The proposed extents of the 1D/2D model can be seen in Figure 2.

Figure 2 shows the following features:

- The proposed model extent in white;
- Farm drains- to be modelled in 2D highlighted with red lines;
- Lake Ohinewai to be modelled in 2D as lake depths are available;
- Lake Rotokawau representation to be discussed with WRC;
- Lake Waikare to be modelled as a 1D storage node with spillway and flood gate as per WRC'
 Waikato River DHI model;
- Boundary conditions:
 - o Inflows into Lake Waikare within the proposed model extent
 - o Tailwater boundary conditions to be considered from Lake Waikare; and
 - o Tailwater boundary conditions in the Waikato at the outlet from the model extent

- Alternate boundary condition for Lake Waikare to be confirmed in discussion with WRC (described in section 3)
- Location of the proposed stop banks to the west of the Waikato Expressway as per WRC 's Waikato River DHI model (shown in green in Figure 3 below)
- The proposed model also includes the gates as shown in Figure 2 below and gate operations are modelled as per the Waikato River model.

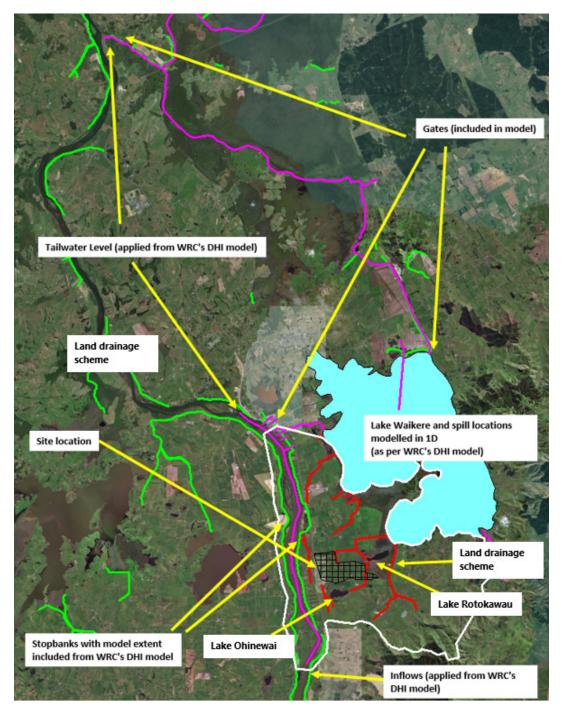


Figure 2: Proposed model extents

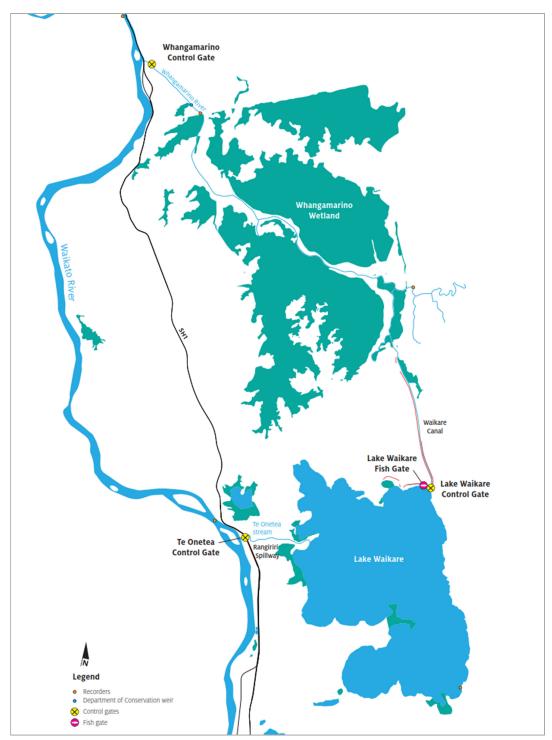


Figure 3: Control Gate locations

3. Other Considerations

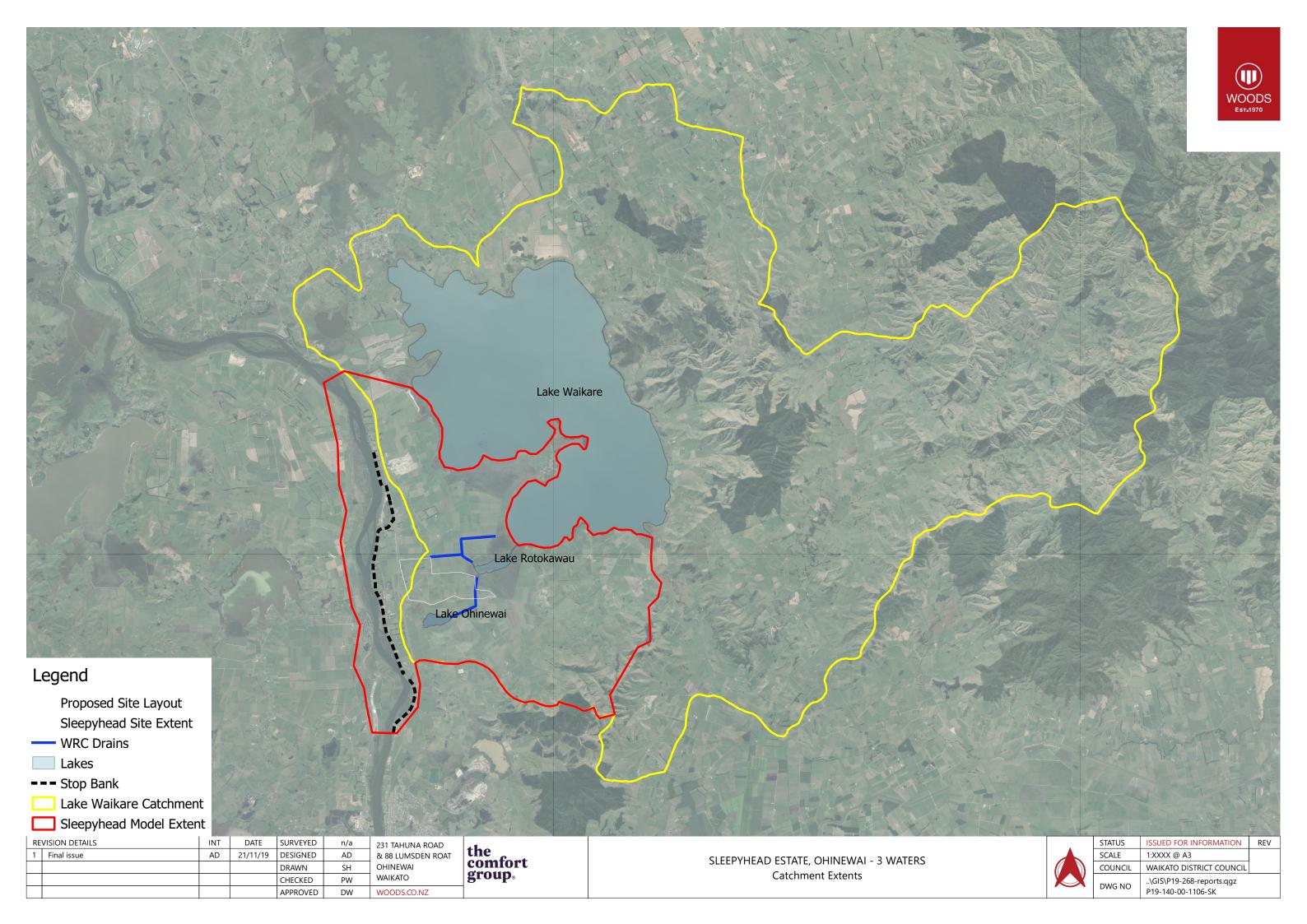
Based on records of the Waikato Regional Flood Event of 9-20 July 1998, the following information is known about historical flooding in Lake Waikare:

- The lake level in the 1998 event is approximately 6.29 m RL.
- The lake levels are artificially controlled between 5.50-5.65 m RL.
- The design flood level of the land drainage scheme is 7.37 m RL.

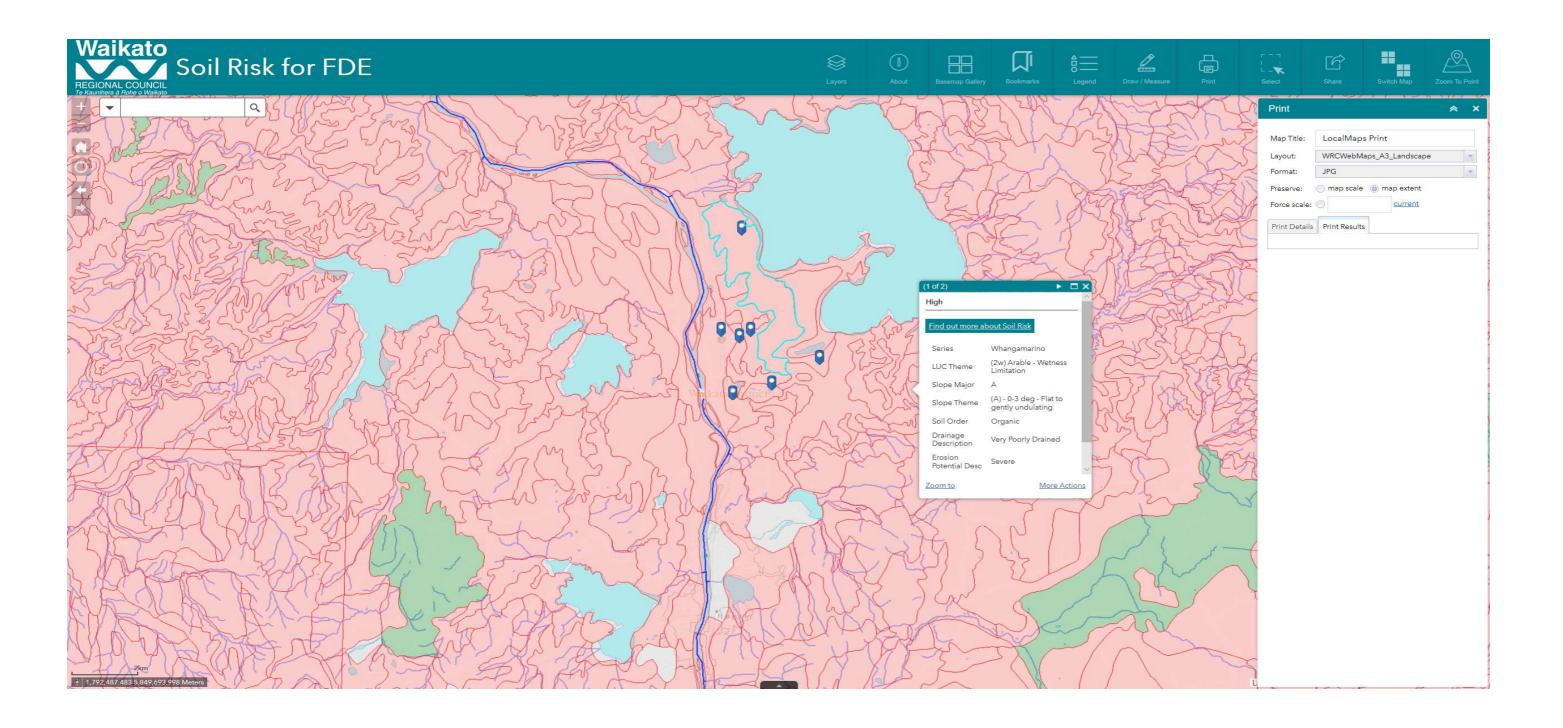
• The spillway for Lake Waikare is at 8.00 mRL. This means that water levels in Lake Waikare will reach a maximum of 8.00 mRL.

There will be proposed topographical changes to the site following development, including the filling in of existing floodplain storage to raise the site out of the floodplain, as well as increases in runoff volume resulting from on-site intensification. All stormwater management devices on site will address both flood displacement volume and attenuation volume from the increase in impervious area.

APPENDIX D – CATCHMENT EXTENTS



APPENDIX E – MODELLING INPUTS



Example:	Duration (r ARI (y	rs)	x	у	Rainfall Depth (mr
	24	100	3.178054	4.600149	146.0617

Rainfall dept													
ARI A 1.58 2	.EP 10 0.633 0.5	m 20 8.95 9.81	m 30i 12.2 13.4	m 1h 14.5 15.9	2h 19.2 21	6h 24.9 27.3	12h 36.4 39.9	24h 45.1 49.4	48h 54.8 60.1	72h 65.5 71.8	96h 72 79	76.8 84.2	20h 80.5 88.3
5	0.2	12.8	17.5	20.8	27.5	35.8	52.2	64.7	78.7	94	103	110	116
10 20	0.1	15.1 17.5	20.6	24.5	32.4 37.6	42.2	61.6 71.5	76.3 88.6	92.9 108	111 129	122 142	130 151	137 159
30 40	0.033	19 20.1	25.9 27.4	30.8 32.6	40.8	53.1 56.1	77.5 82	96.1 102	117 124	140 148	154 163	164 173	172 182
50 60	0.02	21 21.7	28.6 29.5	34 35.1	45 46.5	58.5 60.5	85.5 88.4	106 110	129 133	154 159	170 175	181 187	190 196
80 100	0.012	22.8	31.1 32.3	37 38.4	49 50.9	63.7 66.2	93.1 96.7	115 120	140 146	168 175	185 192	197 205	207 215
250 Depth standa				44.6	59.1	76.9	112	139	170	203	223	238	250
1.58	0.633	m 20	1.4	1.5	2h 2.1	6h 2.8	12h 5.1	24h 7	48h 12	72h 14	96h 16	17	20h 18
5	0.5 0.2	1.2 1.7	1.5 2.2	1.6 2.4	2.4 3.3	3.1 4.4	5.6 7.5	7.7 10	13 17	16 21	18 24	19 25	19 26
10 20	0.1	2.1	3.8	3.2 4.3	4.3 5.6	5.7 7.6	9.3	13 16	20 24	25 29	28 33	30 35	31 36
30 40	0.033	3.3	4.5 5.1	5.1 5.7	6.6 7.4	9 10	13 15	18 20	26 28	32 34	36 39	38 41	40 43
50 60	0.02	3.9 4.2	5.5 5.9	6.2	8.1	11	16 17	21	29 31	36 38	41	43 45	45 47
100	0.012	4.7 5.1	6.7 7.3	7.5 8.2	9.9	13 15	19 21	25 27	33 35	40 42	46 48	48 50	50 53
250 Rainfall dept					16	21	29	38	43	53	59	62	65
1.58	0.633	9.58	13.1	15.5	2h 20.5	6h 26.6	12h 38.4	24h 47.2	48h 57.1	72h 67.7	96h 74.2	78.9	20h 82.6
5	0.5	10.5 13.8	14.3 18.8	17 22.3	22.6 29.6	29.2 38.4	42.2 55.4	51.9 68.2	62.7 82.3	74.4 97.8	81.6 107	86.8 114	90.8 119
10 20	0.1	16.3 18.9	22.2 25.8	26.4 30.7	35 40.6	45.3 52.6	65.5 76.1	80.6 93.7	97.3 113	116 134	127 147	135 157	141 164
30 40	0.033	20.5	28 29.6	33.3 35.2	44.1 46.6	57.1 60.4	82.7 87.4	102 108	123 130	146 154	160 169	170 180	178 188
50 60	0.02	22.6	30.9 31.9	36.7 37.9	48.6 50.2	63 65.2	91.2 94.3	112 116	135 140	161 166	176 183	188 194	196 203
100	0.012	24.6 25.6	33.6 34.9	39.9 41.5	52.9 55	68.6 71.3	99.3 103	122 127	148 153	175 182	192 200	204	214 223
250 Rainfall dept					63.9	82.8	120	148	178	212	232	247	259
1.58	EP 10 0.633	9.58	13.1	15.5	2h 20.5	6h 26.6	12h 38.4	24h 47.2	48h 57.1	72h 67.7	96h 74.2	78.9	20h 82.6
2	0.5	10.5 13.8	14.3 18.8	17 22.3	22.6 29.6	29.2 38.4	42.2 55.4	51.9 68.2	62.7 82.3	74.4 97.8	81.6 107	86.8 114	90.8 119
10 20	0.1 0.05	16.3 18.9	22.2 25.8	26.4 30.7	35 40.6	45.3 52.6	65.5 76.1	80.6 93.7	97.3 113	116 134	127 147	135 157	141 164
30 40	0.033 0.025	20.5 21.7	28 29.6	33.3 35.2	44.1 46.6	57.1 60.4	82.7 87.4	102 108	123 130	146 154	160 169	170 180	178 188
50 60	0.02 0.017	22.6 23.4	30.9 31.9	36.7 37.9	48.6 50.2	63 65.2	91.2 94.3	112 116	135 140	161 166	176 183	188 194	196 203
80 100	0.012 0.01	24.6 25.6	33.6 34.9	39.9 41.5	52.9 55	68.6 71.3	99.3 103	122 127	148 153	175 182	192 200	204 213	214 223
250 Rainfall dept					63.9	82.8	120	148	178	212	232	247	259
1.58	EP 10 0.633	9.74	13.3	15.8	2h 20.9	6h 27	12h 38.9	24h 47.7	48h 57.7	72h 68.3	96h 74.7	79.4	20h 83.2
2 5	0.5 0.2	10.7 14	14.6 19.1	17.3 22.7	22.9 30.1	29.7 39	42.8 56.3	52.5 69.1	63.3 83.3	75.1 98.7	82.2 108	87.4 115	91.4 120
10 20	0.1 0.05	16.6 19.3	22.6 26.3	26.9 31.2	35.6 41.4	46.1 53.6	66.5 77.3	81.7 95	98.5 114	117 136	128 149	136 158	142 165
30 40	0.033 0.025	20.9 22.1	28.5 30.1	33.9 35.8	44.9 47.4	58.2 61.5	84 88.8	103 109	124 131	147 156	162 171	172 182	180 190
50 60	0.02 0.017	23 23.8	31.4 32.5	37.4 38.6	49.5 51.2	64.2 66.3	92.6 95.8	114 118	137 142	163 168	178 184	189 196	198 205
80 100	0.012 0.01	25.1 26.1	34.2 35.6	40.7 42.3	53.9 56	69.9 72.6	101 105	124 129	149 155	177 184	194 202	206 215	216 225
250 Rainfall dept					65.1	84.4	122	150	180	214	235	250	261
ARI A	EP 10			m 1h	2h	6h	12h	24h	48h	72h	96h	12	20h
1.58	0.633	10.2	14	16.6	21.9	28.3	40.5	49.4	59.5	70.1	76.5	81.1	84.9
2 5	0.5 0.2	11.3 14.8	15.3 20.2	18.2 24	24.1 31.8	31.2 41.1	44.6 58.8	54.5 71.9	65.4 86.2	70.1 77.1 102	84.3 111	89.4 118	93.4 123
2 5 10 20	0.5 0.2 0.1 0.05	11.3 14.8 17.5 20.4	15.3 20.2 23.9 27.8	18.2 24 28.4 33	24.1 31.8 37.6 43.7	31.2 41.1 48.6 56.5	44.6 58.8 69.6 81.1	54.5 71.9 85.1 99	65.4 86.2 102 119	70.1 77.1 102 120 140	84.3 111 132 153	89.4 118 140 163	93.4 123 146 170
2 5 10 20 30 40	0.5 0.2 0.1 0.05 0.033 0.025	11.3 14.8 17.5 20.4 22.1 23.4	15.3 20.2 23.9 27.8 30.1 31.9	18.2 24 28.4 33 35.8 37.9	24.1 31.8 37.6 43.7 47.5 50.2	31.2 41.1 48.6 56.5 61.4 64.9	44.6 58.8 69.6 81.1 88 93.2	54.5 71.9 85.1 99 108 114	65.4 86.2 102 119 129 136	70.1 77.1 102 120 140 152 161	84.3 111 132 153 166 176	89.4 118 140 163 177 187	93.4 123 146 170 184 195
2 5 10 20 30 40 50	0.5 0.2 0.1 0.05 0.033 0.025 0.02	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4	18.2 24 28.4 33 35.8 37.9 39.5 40.9	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1	31.2 41.1 48.6 56.5 61.4 64.9 67.7	44.6 58.8 69.6 81.1 88 93.2 97.2	54.5 71.9 85.1 99 108 114 119	65.4 86.2 102 119 129 136 142 147	70.1 77.1 102 120 140 152 161 168 174	84.3 111 132 153 166 176 184 190	89.4 118 140 163 177 187 195 202	93.4 123 146 170 184 195 204 210
2 5 10 20 30 40 50 60 80	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.012	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110	54.5 71.9 85.1 99 108 114 119 123 129 135	65.4 86.2 102 119 129 136 142 147 155	70.1 77.1 102 120 140 152 161 168 174 183 190	84.3 111 132 153 166 176 184 190 200 208	89.4 118 140 163 177 187 195 202 212 221	93.4 123 146 170 184 195 204 210 222 231
2 5 10 20 30 40 50 60 80 100 250 Rainfall depti	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: RC	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7 89.1	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110	54.5 71.9 85.1 99 108 114 119 123 129 135 156	65.4 86.2 102 119 129 136 142 147 155 161	70.1 77.1 102 120 140 152 161 168 174 183 190 221	84.3 111 132 153 166 176 184 190 200 208 242	89.4 118 140 163 177 187 195 202 212 221 257	93.4 123 146 170 184 195 204 210 222 231 268
2 5 10 20 30 40 50 60 80 100 250 Rainfall depti	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: RG	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 CP6.0 for the	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 im 300 13.2	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 1h	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7 89.1 6h	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128	54.5 71.9 85.1 99 108 114 119 123 129 135 156	65.4 86.2 102 119 129 136 142 147 155 161 187 48h	70.1 77.1 102 120 140 152 161 168 174 183 190 221	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5	89.4 118 140 163 177 187 195 202 212 221 257	93.4 123 146 170 184 195 204 210 222 231 268
2 5 10 20 30 40 50 60 80 100 250 Rainfall depti ARI A	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.012 0.001 0.004 hs (mm) :: R(EP 10 0.633 0.5 0.2	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 27.6 32 29.60 for the m 20 9.67 10.6 13.9	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 300 13.2 14.5	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 1h 15.7 17.2 22.6	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7 89.1 6h 26.8 29.5 38.8	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74.8 98.3	84.3 1111 132 153 166 176 184 190 200 200 242 96h 74.5 82 108	89.4 118 140 163 177 187 195 202 212 221 257 12 79.2 87.1 115	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120
2 5 10 20 30 40 50 60 80 100 250 Rainfall dept ARI A 1.58 2 5 10 20	0.5 0.2 0.1 0.05 0.033 0.025 0.002 0.017 0.012 0.001 0.004 hs (mm) :: R(EFP 0.633 0.5 0.2 0.1 0.05	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 30 the Im 20 9.67 10.6 13.9 16.5 19.1	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 300 13.2 14.5 19 22.5 26.1	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 5 1-2050 m 1h 15.7 17.2 22.6 26.7 31	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7 89.1 6h 26.8 29.5 38.8 45.8 53.2	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7 81.3 94.4	65.4 86.2 102 119 129 136 147 155 161 187 48h 57.4 63.1 82.9 98 114	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74.8 98.3 116 135	84.3 1111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128	89.4 118 140 163 177 187 195 202 212 221 257 179.2 87.1 115 135 158	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165
2 5 10 20 30 40 50 60 80 100 250 Rainfall dept ARI A 1.58 2 5 10 20 30 40 40 50 60 80 80 80 80 80 80 80 80 80 80 80 80 80	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(EP) 10 0.633 0.5 0.2 0.1 0.05 0.03 0.05 0.03 0.05	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 27.6.0 for the im 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 300 13.2 14.5 19 22.5 26.1 28.3 29.9	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 15.7 17.2 22.6 22.6 26.7 31 33.6 33.6	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7 89.1 6h 26.8 29.5 38.8 45.8 53.2 57.8 61.1	44.6 58.8 69.6 81.1 88 93.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 83.4 88.3	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7 81.3 94.4 103	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 48h 57.4 82.9 98 114 124 131	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74.8 116 135 147 155	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 161 170	89.4 118 140 163 177 187 195 202 212 257 179.2 87.1 115 135 158 171 181	93.4 123 146 170 184 195 204 210 222 231 268 82.9 91.2 120 142 165 179 189
2 5 10 20 30 40 50 60 80 100 250 Rainfall dept ARI A 2 5 1.58 2 5 10 20 30 40 50 60 80 100 250 80 40 250 80 80 80 80 80 80 80 80 80 80 80 80 80	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.012 0.01 0.004 hs (mm) :: R(EP 10 0.633 0.5 0.2 0.1 0.05 0.033 0.025 0.033 0.025 0.033	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 2P6.0 for them 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 30: 13.2 14.5 19 22.5 26.1 28.3 29.9 31.2 32.3	18.2 24 28.4 33 35.8 37.9 40.9 43.1 44.8 52 1-2050 15.7 17.2 22.6 26.7 31 33.6 35.6 35.6 37.1 38.4	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 50.8	31.2 41.1 48.6 56.5 61.4 64.9 70 73.8 76.7 78.9 1 64.2 29.5 38.8 45.8 29.5 38.8 45.8 45.8 45.8 61.1 63.7 63.7	44.6 58.8 69.6 81.1 88 93.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 83.4 88.3 92 95.2	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7 81.3 108 103 108 113 117	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74,8 98.3 116 135 147 155 162 167	84.3 111 132 153 166 176 184 190 200 208 242 74.5 82 108 128 148 161 170 178	89.4 118 140 163 177 195 202 212 221 257 127 79.2 87.1 115 135 158 171 181 189 195	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204
2 5 10 20 30 40 50 60 80 100 250 100 20 30 40 250 10 20 30 40 50 60 80 100 100 100 100 100 100 100 100 100	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.012 0.01 0.004 hs (mm) :: Rt EFP 10 0.633 0.5 0.2 0.1 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.017 0.017	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 276.0 for the 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 30i 13.2 14.5 19 22.5 26.1 28.3 31.2 32.3 34.4 35.3	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 15.7 17.2 22.6 26.7 31 33.6 35.6 37.1 38.4 40.4 42	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h.2 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6	31.2 41.1 48.6 56.5 61.4 64.9 70 73.8 9.1 6h 26.8 29.5 38.8 45.8 53.2 57.8 61.1 63.7 65.9 69.4 72.1	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 56.1 76.9 83.4 88.3 92 95.2 100 104	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7 68.7 108 113 113 113 117 123 128	65.4 86.2 102 119 129 136 142 147 155 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74.8 98.3 116 135 147 155 162 167 176 183	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201	89.4 118 140 163 177 187 195 202 221 257 179.2 87.1 115 135 158 171 181 189 195 206 214	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 204
2 5 10 20 30 40 50 60 80 100 250 80 100 250 80 100 250 80 100 250 80 100 250 80 100 250 Rainfall depti	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.010 0.004 EFP 10 0.633 0.5 0.2 0.1 0.05 0.033 0.025 0.01 0.002 0.017 0.010 0.004 hs (mm) :: R(11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 30 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 CP6.0 for the	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 2 period 203 13.2 14.5 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 41 period 208	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 1 15.7 17.2 22.6 26.7 31 33.6 35.6 37.1 38.4 40.4 42 48.7 1-2100	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 49.1 49.1 49.1 50.8 53.5 55.6 64.6	31.2 41.1 48.6 56.5 61.4 67.7 70 73.8 76.7 89.1 6h 26.8 29.5 38.8 45.8 53.2 61.1 63.7 65.9 69.4 72.1 83.7	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 88.3 92 100 104 121	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 94.4 103 108 113 108 1117 123 128 149	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74, 88.3 116 135 147 155 162 167 176 183 213	84.3 111 153 166 176 184 190 200 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234	89.4 118 140 163 177 187 195 202 212 221 227 79.2 87.1 115 135 135 171 181 189 195 206 214 227 227 227 227 227 227 227 22	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 260
2 5 10 20 30 40 50 60 80 100 250 Rainfall depth 40 50 60 80 100 250 Rainfall depth 41 100 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 41 58 1.58	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.012 0.001 0.004 hs (mm) :: R(EP 0.633 0.025 0.1 0.05 0.033 0.025 0.017 0.010 0.04 hs (mm) :: R(EP 0.05 0.033 0.025 0.017 0.010 0.04 0.017 0.010 0.004 0.017 0.010 0.004 0.017 0.010 0.004 0.017 0.010 0.004 0.017 0.010 0.004 0.017 0.010 0.004 0.017 0.010 0.004 0.017 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.005	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 2P6.0 for the m 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 27.0 or the m 20 27.0 or the m 20 28.7 29.9 21.9 21.9 21.9 21.9 21.9 21.9 21.9	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 43.7 e period 203 m 30i 13.2 14.5 19 22.5 26.1 28.3 29.9 31.2 32.3 34 41 e period 208 m 30i 14.6	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57.5 59.3 68.8 2h.2 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 64.6 64.6	31.2 41.1 48.6 56.5 61.4 64.9 70 73.8 9.1 66.7 89.1 66.8 29.5 38.8 29.5 38.8 53.2 57.8 61.1 63.7 65.9 69.4 42.1 83.7	44.6 58.8 69.6 81.1 88 93.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 83.4 88.3 92 95.2 100 104 121 12h	54.5 71.9 85.1 99 108 114 119 123 129 135 52.3 68.7 81.3 94.4 103 108 113 117 123 128 149	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180	70.1 77.1 102 140 152 161 168 174 183 190 221 72h 68.1 74.8 98.3 116 135 147 155 162 167 176 183 213	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 223 4	89.4 118 140 163 177 187 187 202 212 257 27 87.1 115 158 171 181 189 195 206 204 249 249	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 260
2 5 10 20 30 40 50 60 80 100 250 Rainfall depti ARI A 60 80 100 250 Rainfall depti ARI A 1.58 8 2 5 5 Rainfall depti ARI A 1.58 8 2 5 5 6 60 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 80 80 80 80 80 80 80 80 80 80 8	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.012 0.004 hs (mm) :: R(0.633 0.025 0.02 0.017 0.015 0.03 0.025 0.02 0.017 0.010 0.004 hs (mm) :: R(0.633 0.5 0.2 0.01	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 27.6 32 27.6 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 276.0 for them 20 10.7 11.8 15.5	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 300 13.2 14.5 19 22.5 26.1 28.3 39.9 31.2 32.3 34 35.3 4 35.3 4 35.3 4 36.3 29.9 31.2 32.3 34.4 35.3 4 36.3 36.3 36.3 36.3 36.3 36.3 36.3	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 15.7 17.2 22.6 26.7 31 33.6 35.6 37.1 38.4 40.4 42 42.7 1-2100 m 17.3 19.1 25.1	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 25.9 25.9 26.9 27.9 28.9 29.9 29.9 29.9 29.9 29.9 29.9 29	31.2 41.1 48.6 56.5 61.4 64.9 77.7 70 73.8 89.1 6h 29.5 38.8 45.8 53.2 53.2 53.2 61.1 63.7 66.9 72.1 83.7 66.4 72.1 83.7	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 83.4 88.3 92 95.2 100 104 121 124 41.9 46.3 61.1	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 81.3 94.4 103 108 113 117 128 149 24h 50.9 24h	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 147 155 162 167 176 183 213 72h 77 79 104	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 88 184 193 193 194 195	89.4 118 140 163 177 187 187 195 202 212 221 257 11 79.2 87.1 115 158 171 189 195 206 214 249 11 82.6 214 249 11 82.6 212 121	93.4 123 146 170 184 195 204 210 222 231 268 82.9 91.2 120 142 165 179 189 197 204 260 20h 86.4 95.2 126
2 5 5 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 20 20 20 20 20 20 20 20 20 20 20 20	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EPP 10 0.012 0.012 0.01 0.004 hs (mm) :: R(EPP 10 0.033 0.025 0.01 0.004 hs (mm) :: R(0.05 0.033 0.025 0.01 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37.6 37.6 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 CP6.0 for them 20 10.7 11.8 15.5 18.3 21.3	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 6 period 203 m 300 13.2 14.5 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 41 2e period 208 m 300 14.6 21.1 25 29.1	18.2 244 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 1h 15.7 17.2 22.6 26.7 31.6 35.6 37.1 38.4 40.4 42 48.7 1-2100 m 1h 17.3 19.1 25.1 29.7 34.6	24.1 31.8 37.6 43.7 47.5 50.2 552.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 49.1 50.8 53.5 55.6 64.6	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70.7 89.1 66.8 29.5 38.8 45.8 53.2 57.8 61.1 63.7 65.9 69.4 72.1 83.7 66.9	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 95.2 100 104 121 121 41.9 46.3 61.1 72.4 88.4	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 81.3 94.4 103 108 117 123 128 149 24h 50.9 56.3 74.4 88.1 103	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 105 105 105 105 105 105 105	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 174 185 147 155 162 167 176 183 213 72h 71.7 79 104 124 144	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 193 201 178 184 193 201 234 96h 78 86.1 111 111 115 115 115 115 115 1	89.4 118 140 163 177 187 195 202 221 257 79.2 87.1 135 135 138 148 199 206 214 224 221 221 257 37 48 48 48 48 48 48 48 48 48 48	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 260 20h 86.4 95.2 126 149
2 5 10 20 30 40 40 50 60 80 100 250 30 40 40 250 Rainfall depth ARI ARI 1.58 2 5 10 20 30 Rainfall depth ARI 1.58 2 5 10 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40	0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.010 0.004 hs (mm) :: Rt EFP 0.01 0.005 0.03 0.025 0.01 0.006 0.033 0.025 0.01 0.006 0.033 0.025 0.01 0.006 0.033 0.025 0.01 0.006 0.033 0.025 0.01 0.006	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 276.0 for the m 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 cp6.0 for the m 20 10.7 11.8 15.5 18.3 21.3 23.2 24.5	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 a period 203 m 30i 13.2 14.5 19 22.5 26.1 28.3 22.3 34.3 35.3 41 20.2 20.3 20.3 31.2 32.3 34.3 35.3 41 20.2 20.3 20.3 31.2 32.3 34.3 35.3 41 20.2 20.3 20.3 31.2 32.3 34.3 35.3 41 20.2 20.3 31.2 32.3 34.3 35.3 41 20.2 20.3 31.2 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 15.7 17.2 22.6 26.7 31 33.6 35.6 37.1 38.4 40.4 42 48.7 1-2100 m 1h 17.3 19.1 25.1 29.7 34.6 39.7	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57.9 29.3 68.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 22.9 25.2 24 24 25.2 26 27 28 28 29.3 35.3 41.1 44.1 49.1 49.1 49.1 49.1 49.1 49.1	31.2 41.1 48.6 56.5 61.4 64.9 77.7 89.1 6h 26.8 29.5 32.8 45.8 53.2 57.8 461.1 63.7 65.9 472.1 83.7 66.9 472.1 83.7 66.9 42.9 50.8 50.8 50.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 6	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.6 66.1 76.9 83.4 88.3 92 95.2 100 104 121 12h 41.9 46.3 61.1 72.4 84.4 91.7 97.1	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7 68.7 108 113 117 128 149 24h 50.9 56.3 74.4 88.1 103 111 118	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 141	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74, 88.3 116 135 147 155 162 167 176 183 213 72h 71.7 79 104 144 144 156	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 114 135 157 171 181	89.4 118 140 163 177 187 187 195 202 212 257 217 257 211 115 158 171 189 195 206 214 249 212 249 212 257 212 257 212 211 257 212 211 212 211 212 211 212 211 212 211 212 211 212 211 212 211 212 211 212 211 212 211 212 211 212 211 212 211 213 212 211 212 213 214 219 212 214 219 214 219 214 219 215 216 217 217 218 218 219 219 219 219 219 219 219 219 219 219	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 260 20h 86.4 95.2 126 149 174 189 200
2 5 10 20 30 40 40 50 60 80 100 250 Rainfall depti ARI ARI 1.58 2 5 10 20 30 40 40 50 60 80 100 250 Rainfall depti ARI ARI 1.58 2 5 10 60 60 80 100 60 80 80 100 60 80 80 100 60 80 80 100 60 80 80 100 60 80 80 100 80 80 80 80 80 80 80 80 80 80 80 80 8	0.5 0.2 0.1 0.05 0.033 0.025 0.001 0.004 0.633 0.025 0.01 0.004 0.633 0.5 0.633 0.65 0.633 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37.6 37.6 39.1 20.7 10.6 13.9 21.9 22.9 23.7 24.9 25.9 30 27.0 20.0 for the m 20 10.7 11.8 15.5 18.3 21.3 21.3 21.3 21.3 22.24.5 25.6 26.4	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 6 43.7 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 41 29.9 31.2 32.3 34 35.3 41 29.9 31.2 32.3 34 35.3 41 29.9 31.2 32.3 34 35.3 41 34.6 16 21.1 25 29.1 31.6 33.4 34.9 36	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 1h 15.7 17.2 26 26.7 31. 38.6 35.6 37.1 38.4 40.4 42 48.7 1-2100 m 17.3 19.1 25.1 29.7 34.6 37.6 39.7 41.5 42.9	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 49.1 50.8 53.5 55.6 64.6 21 22.9 23.3 33.3 39.4 45.8 49.8 52.6 54.9 56.8	31.2 41.1 48.6 56.5 61.4 64.9 76.7 70.8 89.1 6h 26.8 29.5 38.8 45.8 53.2 65.9 66.1 63.7 66.9 472.1 83.7 66.9 42.9 50.8 66.9 472.1 83.7 66.9 42.9 50.8 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 66.1 76.9 100 104 121 12h 41.9 46.3 61.1 72.4 44.9 46.3 61.1 72.4 97.7 97.1 101 105	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 108 113 117 123 128 149 24h 56.3 74.4 88.1 103 111 118 123 121	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 105 105 105 105 105 105 105	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 747 155 162 147 155 162 176 183 213 72h 71.7 79 104 124 156 165 173 179	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188	89.4 118 140 163 177 187 187 195 202 212 221 257 79.2 87.1 135 135 138 189 195 206 214 249 11 82.6 211 143 61 163 181 191 121 143 61 181 191 192 1000 207	93.4 123 146 170 184 195 204 210 222 231 268 82.9 91.2 120 142 165 179 204 215 224 260 220 86.4 95.2 126 149 95.2 126 149 174 189 200 208 215
2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 60 80 100 60 80 100 80 100 80 100 80 100 80 100 80 100 80 100 80 100 80 100 80 100 80 100 80 100 80 100	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EP 10 0.012 0.012 0.01 0.004 hs (mm) :: R(EP 10 0.05 0.033 0.025 0.01 0.004 hs (mm) :: R(0.01 0.005 0.033 0.025 0.01 0.033 0.025 0.02 0.01 0.033 0.025 0.02 0.01 0.033 0.025	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37.6 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 27.6.0 for the m 20 10.7 11.8 15.5 18.3 23.2 24.5 24.5 26.6 26.4 27.9 29	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 6 43.7 19 22.5 19 22.5 26.1 28.3 29.9 31.2 28.3 29.9 31.2 32.3 34 35.3 41 2e period 208 m 300 14.6 21.1 25 29.1 31.6 33.4 34.9 36 38 39.5	18.2 244 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 17.7 17.2 22.6 26.7 31 33.6 35.6 35.6 37.1 38.4 40.4 42 48.7 1-2100 17.3 19.1 25.1 29.7 34.6 37.6 37.7 41.5 42.9 45.2 47	24.1 31.8 37.6 43.7 47.5 50.2 552.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 25.2 33.3 39.4 45.8 49.8 50.8 50.8 50.8 50.8 50.8 50.8 50.8 50	31.2 41.1 48.6 56.5 61.4 967.7 70.7 89.1 6h 26.8 29.5 57.8 61.1 63.7 65.9 69.4 72.1 83.7 6h 29.5 32.6 42.9 60.9 64.3 64.3 64.3 64.3 64.3 67.9 68.8 69.1 80.7 80.8 80.	44.6 58.8 69.6 81.1 88 93.2 97.2 101 110 128 12h 38.7 42.5 55.9 66.1 76.9 88.3 92.2 100 104 121 12h 41.9 46.3 61.1 72.4 84.4 91.7 97.1 101 105 110 105 110 110 110 11	54.5 71.9 85.1 99 108 114 119 123 125 156 24h 47.5 52.3 68.7 81.3 94.4 103 108 117 123 128 149 24h 50.9 56.3 74.4 88.1 103 111 118 123 127 124 124 125 126 127 127 128 129 129 129 129 129 120 120 121 121 121 122 123 124 124 125 127 124 127 124 127 124 127 127 124 128 127 128 128 129 129 120 120 121 121 121 122 123 124 127 124 128 127 127 124 128 127 128 128 129 129 120 120 120 120 120 120 120 120 120 120	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 105 105 105 105 105 105 105	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 72h 135 147 155 162 167 176 183 213 72h 71.7 79 104 124 144 156 165 173 179 188	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 193 201 170 178 86.1 114 135 157 171 188 195 206 214	89.4 118 140 163 177 187 187 195 202 221 257 87.1 158 158 158 166 91.2 121 249 82.6 91.2 121 143 166 181 1991 200 207 207 218 227	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 261 216 149 217 217 208 218 217 208 218 229 208 215 227 236
2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI	0.5 0.2 0.1 0.05 0.033 0.025 0.01 0.004 0.65 0.033 0.05 0.01 0.004 0.004 0.004 0.003 0.025 0.02 0.017 0.010 0.004 0.004 0.003 0.025 0.02 0.017 0.010 0.004 0.004 0.004 0.005 0.033 0.025 0.02 0.017 0.010 0.004 0.004 0.005 0.033 0.025 0.02 0.017 0.010 0.004 0.004 0.007 0.010 0.004 0.007 0.010 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 27.6 32 27.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 00 27.6 00 00 00 00 00 00 00 00 00 00 00 00 00	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 a period 203 m 30i 13.2 14.5 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 4 35.3 4 36.0 16 21.1 25 29.1 31.6 33.4 34.9 36 38 39.5 45.8 a period 203	18.2 24 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 15.7 17.2 22.6 26.7 31 33.6 37.1 38.4 42 48.7 1-2100 17.3 19.1 29.7 34.6 39.7 41.5 42.9 45.2 47 54.5 1-2050	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57.9 368.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 22.9 25.2 23.3 39.4 45.8 52.6 54.9 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8	31.2 41.1 48.6 56.5 61.4 64.9 76.7 89.1 6h 26.8 29.5 38.8 45.8 53.2 57.8 61.1 63.7 65.9 69.4 72.1 83.7 66.9 42.9 50.8 59.5 64.3 67.9 70	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 88.3 92 95.2 100 104 121 12h 41.9 46.3 61.1 72.4 84.4 94.7 97.1 101 105 110 110 110 110 110 11	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7 68.7 81.3 94.4 103 118 117 128 149 24h 50.9 24h 88.1 103 111 118 123 128 149 24h 103 117 118 128 149	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 144 149 155 180 142 149 155 180 142 143 144 155 180 142 143 144 155 180 144 145 146 147 157 161 161 161 161 161 161 161 16	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 74, 135 162 167 176 183 213 72h 71.7 79 104 124 144 145 165 173 179 188 196 228	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188 188 189 206 214 248	89.4 118 140 163 177 187 187 195 202 212 257 21 257 21 115 158 171 189 195 206 214 249 21 121 143 166 91.2 121 143 166 121 121 143 166 2121 121 143 166 2121 122 207 218 227 263	93.4 123 146 170 184 195 204 210 222 231 268 82.9 91.2 120 142 165 179 189 197 204 260 20h 86.4 95.2 126 149 174 189 200 208 215 227 236 275
2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 8 10 8 10 8 10 8 10 8 10 8 10 8 10 8	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 0.05 0.033 0.025 0.02 0.11 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(2000) 0.033 0.025 0.02 0.11 0.05 0.033 0.025 0.01 0.012 0.017 0.012 0.010 0.004 hs (mm) :: R(2000) 0.017 0.012 0.010 0.004 hs (mm) :: R(2000) 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.011	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 296.0 for the 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 30 24.9 25.9 30 26.0 for the m 20 10.7 11.8 15.5 18.3 21.3 21.3 23.2 24.5 25.6 26.4 27.9 29 33.6 29.8.5 for the 20 9.85	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 20.2 21.4.5 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 29.9 31.2 32.3 34 35.3 29.9 31.2 32.3 34 35.3 41 20.2 21.1 25.2 20.3 3.4 35.3 34 35.3 34 35.3 36 38 39.5 45.8 20.9 20.9 21.1 25.9 21.1 21.1 25.9 21.1 21.1 25.9 21.1 21.1 25.9 21.1 21.1 25.9 21.1 21.1 21.1 21.1 21.1 21.1 21.1 21	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 144.8 52 1-2050 m 1h 15.7 17.2 22.6 26.7 33.6 35.6 37.1 32.6 40.4 42 48.7 1-2100 m 1h 17.3 19.1 25.1 29.7 34.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 49.1 50.8 53.5 55.6 64.6 21.2 22.9 23.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 62.2 72.2	31.2 41.1 48.6 56.5 61.4 64.9 67.7 73.8 76.7 89.1 6h 29.5 38.8 45.8 53.2 65.9 69.4 72.1 83.7 6h 29.5 64.3 67.9 69.4 72.1 83.7 6h 29.5 60.9	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 66.1 76.9 95.2 100 104 121 12h 41.9 44.9 44.9 41.9 44.9 17.7 97.1 101 105 110 110 110 110 110 11	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 103 108 113 117 123 128 149 24h 50.9 24h 88.1 103 111 118 123 127 134 140 140 162 24h 48.1	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 105 105 105 105 105 105 105	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 166 135 147 155 162 167 176 183 213 72h 77, 79 104 124 144 156 165 173 179 188 196 228 72h 68.7	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188 195 206 214 248	89.4 118 1163 177 187 187 195 202 212 227 257 11 79.2 87.1 115 135 158 189 206 214 249 11 143 249 11 143 166 181 191 191 191 191 200 207 218 207 218 79.8	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 142 165 179 189 197 204 215 224 260 20h 86.4 95.2 126 149 174 189 200 208 215 227 236 275
2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 8 2 5 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EP 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.004 hs (mm) :: R(EP 0.633 0.55 0.2 0.1 0.05 0.033 0.025 0.002 0.017 0.012 0.004 hs (mm) :: R(EF 0.633 0.55 0.2 0.1 0.633 0.55 0.2 0.1 0.633 0.25 0.02 0.017 0.018 0.633 0.025	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37.6 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 30 27.6 10.6 10.7 11.8 15.5 18.1 18.3 21.3 23.2 24.5 24.6 26.6 27.9 29 30 29.8 29.9 29.9 30 29.9 20.9 20.9 20.9 20.9 20.9 20.9 20.	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 30: 13.2 14.5 26.1 19 22.5 26.1 19 22.5 26.1 28.3 29.9 31.2 28.3 34 35.3 41 e period 208 m 30: 14.6 21.1 25 29.1 31.6 31.4 34.9 36 38 39.5 45.8 49.9 36 38 39.5 45.8 49.9 36 38 39.5 45.8 49.9 36 38 39.5 41 41.8	18.2 244 33 35.8 37.9 39.5 40.9 43.1 1-2050 17.7 17.2 22.6 26.7 31 33.6 35.6 37.1 33.6 35.6 37.1 1-2100 17.3 19.1 25.1 29.7 34.6 37.6 37.7 41.5 42.9 45.4 45.4 45.4 47 54.5 41.5 42.9 47 54.5 41.5 42.9 47 54.5 41.5 42.9 47 54.5 41.5 42.9 47 54.5 42.9 47 54.5 42.9 47 54.5 42.9 47 54.5 42.9 47 54.5 42.9 47 54.5 54.5 42.9 47 54.5 54.5 42.9 47 54.5 54.5 42.9 47 54.5 54.5 42.9 47 54.5 54.7 54.5 54.7 54.7 54.7 54.7 5	24.1 31.8 37.6 43.7 47.5 50.2 55.2 454.1 57 59.3 68.8 2h. 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h. 22.9 25.2 33.3 44.6 45.1 49.	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70.7 89.1 6h.26.8 23.8.8 45.8 53.2 65.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 67.9 69.9 69.9 70.9 7	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 88.3 92.2 100 104 121 12h 44.9 46.3 61.1 72.4 84.4 91.7 12h 12h 12h 12h 12h 12h 12h 12h	54.5 71.9 85.1 99 108 85.1 114 119 123 125 156 24h 47.5 52.3 68.7 81.3 94.4 103 108 117 123 128 149 24h 50.9 56.3 74.4 88.1 103 111 118 123 127 134 48.1 153 69.8	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 105 105 105 105 105 105 105	70.1 77.1 102 140 152 161 168 174 183 190 221 72h 68.1 747 155 147 156 183 213 72h 71.7 79 104 124 144 156 165 173 179 188 196 228 72h 68.7 72h 68.7 72h 68.7 72h 79 79 79 79 79 79 79 79 79 79 79 79 79	84.3 111 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188 195 206 214 248 96h 75.1 82.7 109	89.4 118 140 163 177 187 187 195 202 221 257 87.1 115 135 158 171 181 189 195 206 214 249 11 82.6 11 82.6 11 82.6 11 82.7 263 166 181 191 200 207 207 263 79.8 79.8 79.8 79.8	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 261 216 149 215 224 205 216 149 200 208 215 227 236 275 20h 83.6 91.9
2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI L58 2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI L58 2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI L58 2 5 5 10 10 20 250 Rainfall depth ARI ARI ARI L58 2 5 10 10 20 20 10 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 10 20 20 20 10 20 20 20 10 20 20 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.012 0.01 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(EP) 0.033 0.025 0.02 0.017 0.012 0.01 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.05 0.033 0.025 0.02 0.017 0.012 0.010 0.033 0.025 0.02 0.017 0.012 0.011 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 32 27.6 32 27.6 31.9 9.67 10.6 13.9 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.9 23.7 24.9 25.9 30 27.6.0 for the m 20 10.7 11.8 15.5 18.3 21.3 21.3 21.3 22.4 27.9 29 33.6 26.4 27.9 29 33.6 27.8.5 for the m 20 9.85 10.8 14.2 16.8 14.2 16.8	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 6 43.7 19 22.5 26.1 28.3 329.9 31.2 32.3 34 35.3 43 35.3 43 36.3 38 39.5 29.1 31.6 33.4 34.9 36.3 38 39.5 45.8 20 period 203 m 30 13.4 34.9 36 38 39.5 31 41.8 39.9 31 31.9 31 31.9 31 31.9 31 31 31 31 31 31 31 31 31 31 31 31 31	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 1h 15.7 17.3 31.6 35.6 37.1 38.4 40.4 42 48.7 1-2100 m 17.3 19.1 29.7 34.6 39.7 41.5 42.9 45.2 47 7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 17.5 23 27.2 31.6	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 23.3 33.3 39.4 45.8 52.6 54.9 56.8	31.2 41.1 48.6 56.5 61.4 64.9 76.7 70 73.8 89.1 6h 29.5 38.8 45.8 45.8 53.2 53.2 65.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 67.7 69.9 70.9	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 95.2 100 104 121 12h 41.9 41.9 41.9 41.9 41.9 17.7 97.1 101 105 110 115 133 12h 39.3 43.2 56.9 67.2 78.2	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 81.3 94.4 103 108 113 117 123 128 149 24h 50.9 34 111 118 123 127 134 140 162 48.1 53 69.8 82.5 95.9	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 149 155 180 48h 61.1 149 155 180 48h 61.1 149 155 180 48h 61.1 161 161 161 161 161 161 16	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 747 155 162 167 176 183 213 72h 71.7 79 104 124 144 155 165 173 199 188 196 228 72h 68.7 75.5 99.4 118	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 1128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188 195 206 214 248 96h 75.1 82.7 109 129 150	89.4 118 140 163 177 187 187 202 212 221 257 11 79.2 87.1 115 158 199 195 206 214 249 11 43 616 11 191 200 207 218 227 218 227 218 227 263 87.9 116 137	93.4 123 146 170 184 195 204 210 222 231 268 82.9 91.2 120 142 165 179 189 197 204 260 20h 86.4 95.2 126 149 174 189 200 208 174 189 200 208 88.6 91.9 121 143 166
2 5 10 20 30 40 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 60 80 80 80 80 80 80 80 80 80 80 80 80 80	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EP 10 0.633 0.55 0.2 0.1 0.004 hs (mm) :: R(10 0.633 0.025 0.017 0.012 0.011 0.004 hs (mm) :: R(EP 10 0.633 0.5 0.2 0.1 0.012 0.017 0.012 0.010 0.004 hs (mm) :: R(EP 10 0.633 0.5 0.2 0.1 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.01 0.01 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 26.9 10.6 13.9 16.5 19.1 20.7 21.9 22.9 30 25.9 30 26.0 for the m 20 10.7 11.8 15.5 18.3 21.3 23.2 24.5 25.6 26.4 27.9 33.6 27.6 28.5 for the m 20 29.85 10.8 14.2 21.9 22.4 16.8 19.5 21.2 22.4	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 2 period 203 m 300 13.2 14.5 19 22.5 26.1 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 41 29.9 31.6 21.1 25 29.1 31.6 33.4 34.9 36 38 39.5 45.8 29.9 30.5	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 21.2050 m 1h 15.7 17.2 22.6 26.7 31.6 35.6 37.1 12.100 m 1h 17.3 19.1 25.1 29.7 34.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1.2050 m 1h 16 17.5 22.3 27.2 31.6 34.3 36.3	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 23.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 59.8 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h	31.2 41.1 48.6 56.5 61.4 64.9 67.7 73.8 76.7 89.1 6h 29.5 38.8 45.8 53.2 65.9 69.4 72.1 83.7 6h 29.5 64.3 67.9 69.4 72.1 83.7 6h 29.5 64.3 67.9 69.4 72.1 83.7 6h 29.5 6h 42.9 50.8 6h 42.9 50.8 6h 42.9 50.8 6h 42.9 50.8 6h 42.9 50.8 6h 42.9 50.8 6h 42.9 50.8 6h 40.9 50.8 6h 6h 6h 6h 6h 6h 6h 6h 6h 6h	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 88.3 92 100 104 121 12h 41.9 44.9 41.9 172.4 88.4 91.7 97.1 101 105 110 115 133 12h 39.3 43.2 39.3 43.2 56.9 67.2 78.2 88.9 88.9	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 56.3 74.4 103 108 111 118 129 128 149 24h 50.9 56.3 74.4 88.1 103 111 118 88.1 149 24h 48.1 53 127 134 48.1 53 82.5 95.9 104 110	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 141 147 155 180 48h 61.1 67.2 88.7 105 105 105 105 105 105 105 105	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 166 135 147 155 162 167 176 183 213 72h 77h 195 164 124 144 156 165 173 179 188 196 228 72h 68.7 75.5 99.4 118 137 149 157	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 185 195 206 214 248 96h 75.1 82.7 96h 75.1 82.7 96h 75.1 82.7 96h 75.1 82.7 96h 75.1	89.4 118 140 163 177 195 202 212 227 257 87.1 185 135 158 189 206 214 249 82.6 81.1 143 166 181 191 200 207 218 87.9 218 87.9 217 263 177 288 87.9 159 173 189 173 189	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 260 20h 86.4 95.2 126 149 200 20h 87 20h 88.6 91.9 174 189 200 208 215 227 236 275 20h 83.6 91.9 191 143 166 181 191
2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 60 60 80 100 250 Rainfall depth ARI A 1.58 60 60 80 100 250 Rainfall depth ARI A 1.58 60 60 80 100 60 80 100 60 80 100 60 80 100 60 80 100 60 80 100 60 80 100 60 80 100 60 80 100 60 80 100 60 80 100 60 60 60 60 60 60 60 60 60 60 60 60 6	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EP 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.004 hs (mm) :: R(EP 0.633 0.55 0.2 0.1 0.05 0.033 0.025 0.01 0.0633 0.025 0.01 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.02 0.017 0.010 0.0633 0.025 0.02 0.017 0.010 0.033 0.025 0.02 0.017	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37.6 37.6 10.6 13.9 16.5 19.1 20.7 21.9 22.9 23.7 24.9 25.0 26.0 for the me 20 20.7 21.9 22.9 30 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 30: 13.2 14.5 26.1 19 22.5 26.1 19 22.5 26.1 28.3 29.9 31.2 23.3 34 35.3 34 35.3 41 2 period 208 m 30: 14.6 21.1 25 29.1 31.6 21.1 25 29.1 31.4 34.9 36 38 39.5 48.2 29.9 30.5 31.9 30.5 31.9 30.5 31.9	18.2 244 33 35.8 37.9 39.5 40.9 43.1 44.8 51.2 1-2050 m	24.1 31.8 37.6 43.7 47.5 50.2 50.2 50.2 50.2 50.2 50.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 25.2 33.3 44.6 44.6 47.1 49.1 49.1 50.8 53.5 55.6 64.6 2h 21.1 21.2 22.9 23.3 24.1 25.2 26.2 27.2 27.2 28.8 29.9 20.7 20.8 20.7 20.8 20.7 20.8 20.7 20.8 20.7 20.8 20.7 20.8 20.7 20.8 20.8 20.9 20.8 20.9 20.8 20.9 20.8 20.9 20.8 20.9 20.8 20.9 20.8 20.9 20.8 20.9	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70.7 89.1 6h.26.8 29.5 38.8 45.8 55.2 66.1 66.9 69.4 72.1 68.7 29.5 32.6 42.9 50.8 59.2 64.3 66.9 67.9 70.	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 5.9 66.1 76.9 83.4 88.3 92 95.2 100 104 121 12h 46.3 61.1 12h 46.3 61.1 105 133 12h 39.3 34.2 56.9 67.2 78.2 84.9 89.8 93.7 96.9 89.8 93.7 96.9	54.5 71.9 85.1 99 108 1114 119 123 125 156 24h 47.5 52.3 68.7 81.3 94.4 103 108 113 117 123 128 129 135 156 24h 110 111 111 112 123 124 40 162 24h 48.1 103 111 118 123 127 134 140 162 24h 110 162 24h 110 162	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 161 180 48h 61.1 67.2 88.7 105 105 105 105 105 105 105 105	70.1 77.1 102 140 152 161 168 174 183 190 221 72h 68.1 747 155 162 167 176 183 213 72h 71.7 79 104 124 144 156 155 173 179 188 196 228 72h 68.7 72h 68.7 72h 68.7 72h 68.7 72h 79 194 196 195 197 197 198 196 197 197 198 196 197 197 198 196 197 197 198 196 198 197 199 194 196 197 197 198 196 197 197 198 197 199 197 197 198 197 197 198 197 197 198 197 197 197 197 198 197 197 197 197 197 197 197 197 197 197	84.3 111 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 161 170 178 184 193 201 234 96h 78 86.1 114 193 201 234 96h 78 86.1 114 195 201 234 96h 78 86.1 114 195 157 171 181 188 195 206 214 248 96h 75.1 109 129 150 163 172 179 186	89.4 118 140 163 177 187 187 195 202 221 257 79.2 87.1 115 135 158 171 181 189 195 206 214 249 11 200 207 263 121 210 207 263 166 181 191 200 207 263 179.8 187 189.9 116 137 79.8 116 137 189 173 183 1991 173	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 260 20h 86.4 95.2 126 149 174 189 200 208 215 227 236 275 20h 83.6 91.9 121 143 166 181 191 199 206
2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 5 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 5 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 5 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 5 10 10 20 30 80 100 250 Rainfall depth ARI ARI 1.58 2 5 5 10 10 20 30 80 100 20 30 80 100 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 100 80 80 80 80 100 80 80 80 80 80 80 80 80 80 80 80 80 8	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(0.633 0.5 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(0.633 0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.012 0.010 0.004 hs (mm) :: R(EP) 0.633 0.5 0.2 0.17 0.012 0.010 0.004 hs (mm) :: R(0.633 0.5 0.633 0.5 0.633 0.65 0.633	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37.7 21.9 22.9 25.9 26.7 21.9 22.9 23.7 24.9 25.9 30 27.6.0 for the large of la	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 6 43.7 19 22.5 26.1 28.3 34 35.3 41 22.9 31.2 32.3 43 35.3 41 25 29.1 31.6 33.4 34.9 36.3 8 39.5 29.1 31.6 33.4 34.9 36.3 8 39.5 29.1 31.6 31.4 34.9 36.3 8 39.5 29.1 31.6 31.4 34.9 36.3 38 39.5 29.1 31.6 31.4 34.9 36.3 38 39.5 29.1 31.6 31.4 31.9 32.9 30.5 31.9 32.9 34.7 36.1	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 14.8 52 1-2050 m 1h 17.3 18.4 40.4 42 48.7 1-2100 m 17.3 14.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 16 17.5 23 37.6 34.3 37.9 39.2 41.3 42.9	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 23.3 33.3 39.4 45.8 49.8 52.6 56.8 59.8 62.2 72.2 2h 21.1 23.2 30.5 36.1 41.9 45.9 45.9 46.9 47.1 49.1 50.8 47.1 49.1 50.8 53.5 55.6 64.6 47.1 49.1 50.8 53.5 55.6 64.6 47.1 49.1 50.8 53.5 55.6 64.6 47.1 49.1 50.8 53.5 55.6 64.6 47.1 49.1 50.8 53.5 55.6 64.6 47.1 49.1 50.8 50	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7 89.1 64.2 29.5 38.8 45.8 53.2 65.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 67.9 70.9 73.3 77.3 80.4 93.3 66.1 39.5 66.1 39.5 66.7 54.3 58.9 66.7 54.3 58.9 66.7 54.3 58.9 66.7 54.3 58.9 67.9 70.9 73.3 77.3 80.4 66.7 75.4 75.4 75.4 75.4 75.4 75.4 75.6 70.8	44.6 58.8 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 92 95.2 100 104 121 12h 41.9 46.3 61.1 72.4 41.9 46.3 61.1 72.4 101 105 110 115 110 115 110 115 12h 38.7 97.1 101 105 110 115 12h 38.3 43.2 56.9 67.2 78.2 84.9 93.7 96.9 102	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 108 113 117 123 128 149 24h 56.3 74.4 88.1 103 111 118 123 127 134 140 162 48.1 53 69.8 48.1 53 69.8 48.1 53 69.8 48.1 53 69.8 69.8 100 111 111 118 123 127 134 140 162	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 141 147 152 160 161 161 175 180 180 180 180 180 180 180 180	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 747 155 162 167 176 183 213 72h 71.7 79 104 124 144 155 165 173 188 196 228 72h 68.7 75.5 99.4 118 137 149 157 164 169 179 186	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 88 86.1 114 135 57 171 181 188 189 206 214 248 96h 75.1 82.7 109 150 163 172 179 186 196 197 179 186 196 196 196 196	89.4 118 140 163 177 187 187 202 212 221 257 87.1 135 158 191 195 206 214 249 11 82.6 214 249 12 121 143 166 181 191 191 200 207 218 87.9 116 187 199 173 189 173 159 173 159 173 159 173 159 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 260 22h 260 22h 261 49 174 189 200 20h 86.4 95.2 126 149 215 227 236 20h 88.6 91.9 121 143 166 181 191 199 206 217 226
2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.05 0.1 0.05 0.2 0.1 0.05 0.2 0.1 0.05 0.2 0.1 0.05 0.2 0.1 0.05 0.2 0.1 0.05 0.33 0.025 0.02 0.1 0.05 0.033 0.025 0.02 0.01 0.05 0.033 0.025 0.02 0.01 0.05 0.033 0.025 0.02 0.01 0.05 0.033 0.025 0.02 0.017 0.012 0.010 0.004 hs (mm) :: R(EPP 10 0.633 0.55 0.2 0.1 0.005 0.033 0.025 0.017 0.012 0.011 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004 0.010 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 30 or the m 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 30 25.9 30 26.0 for the m 20 10.7 11.8 15.5 18.3 23.2 24.5 26.6 26.4 27.9 38.6 6.7 29 38.6 6.7 29 38.6 6.7 29 38.6 10.8 14.2 16.8 19.5 10.8 14.2 16.8 19.5 21.2 22.4 23.4 24.1 25.4 26.4 23.7 29.8 30.6 20.8 21.3 23.2 24.5 25.6 26.4 27.9 29 38.6 20.8 21.3 23.2 24.5 25.6 26.4 27.9 29 38.6 20.8 21.3 23.2 24.5 25.6 26.4 27.9 29 38.6 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 2 period 203 m 300 13.2 14.5 19 22.5 26.1 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 41 29.9 31.2 25.5 26.1 31.6 33.4 35.3 41 25.9 36 38 39.5 45.8 29.9 31.2 29.1 31.6 33.4 34.9 36 38.9 36 38.9 37 36.1 39.9 30.5 31.9 30.5 31.9 32.9 32.9 32.9 30.5 31.9 32.9 32.9 32.9 32.9 32.9 32.9 32.9 32	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 44.8 52 1-2050 m 1h 15.7 33.6 35.6 37.1 1-2100 m 1h 17.3 19.1 25.1 29.7 34.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 23 27.2 31.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 29.7 34.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 29.7 34.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 28.7 34.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 28.7 31.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 28.7 28.7 28.7 29.7 29.7 29.7 29.7 29.7 29.7 29.7 29	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 25.2 33.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 59.8 59.8 59.8 59.9 50.8	31.2 41.1 48.6 56.5 61.4 967.7 70.7 89.1 61.2 29.5 38.8 45.8 45.8 53.2 69.4 472.1 63.7 66.9 69.4 472.1 83.7 66.9 69.4 472.1 83.7 66.9 69.4 472.1 83.7 66.9 69.4 472.1 83.7 66.9 67.9 68.8 69.8 69.8 69.8 60.8	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 95.2 100 104 121 12h 41.9 46.3 61.1 72.4 491.7 97.1 101 105 110 115 133 12h 39.3 43.2 56.9 67.2 78.2 84.9 89.8 93.7 96.9 102 106 123	54.5 71.9 85.1 99 108 85.1 114 119 123 129 135 156 24h 47.5 368.7 81.3 94.4 103 108 113 117 123 128 149 24h 50.9 56.3 74.4 88.1 103 111 118 123 127 134 48.1 53 24h 48.1 53 224 48.1 53 224 48.1 53 224 48.1 53 227 134 140 162 24h 110 115 119 125 130 151	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 141 147 159 160 170 180 180 190 190 190 190 190 190 190 19	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 72h 135 147 155 162 167 176 183 213 72h 72h 779 104 124 144 156 165 173 179 188 196 228 72h 68.7 75.5 99.4 118 137 75.5 149 157 169 179 186 216	84.3 111 132 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 193 201 170 178 184 193 201 134 193 201 114 135 157 171 181 188 195 206 214 248 96h 75.1 82.7 109 129 150 163 172 179 186 196 203 236	89.4 118 140 163 177 187 187 195 202 221 257 79.2 87.1 158 158 158 166 171 143 166 181 191 200 207 218 227 263 87.9 17 218 87.9 18 189 191 191 200 207 218 217 218 218 219 219 218 227 263	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 266 149 200 20h 86.4 95.2 126 149 200 20h 88.6 91.9 174 189 200 20h 88.6 91.9 174 189 200 20h 174 189 200 20h 215 227 275 275
2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 5 10 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 5 10 10 100 250 Rainfall depth ARI A 1.58 1 5 10 10 10 10 10 10 10 10 10 10 10 10 10	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.018 0.633 0.55 0.02 0.017 0.012 0.004 hs (mm) :: R(EP 0.633 0.55 0.2 0.1 0.004 hs (mm) :: R(EP 0.633 0.55 0.2 0.1 0.05 0.033 0.025 0.017 0.012 0.010 0.033 0.025 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.010 0.05 0.033 0.025 0.02 0.017 0.011 0.005 0.033 0.025 0.02 0.017 0.011 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37.6 37.6 37.7 21.9 22.9 25.9 30 26.0 for the im 20 27.6 27.6 38.7 27.9 39.7 27.9 39.7 27.9 39.7 28.5 29.6 20.6 20.7 21.9 22.9 23.7 24.9 25.9 20.7 21.9 22.9 23.7 24.9 25.6 26.4 27.9 29.8 29.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 2 perioid 203 m 30.1 13.2 14.5 26.1 19 22.5 26.1 28.3 29.9 31.2 23.3 34 35.3 34 35.3 41 2 period 208 m 30.1 13.4 14.9 26.6 28.9 30.5 31.9 31.9 32.9 34.7 36.1 41.9 2 perioid 208 m 30.1 15.9	18.2 244 33 35.8 37.9 39.5 40.9 11.2050 m 1h 15.7 17.2 22.6 26.7 311 33.6 35.6 37.1 31.2 12.0 0 m 1h 15.7 1.2 12.0 0 m 1h 15.7 1.2 12.0 0 m 1h 15.7 12.0 0 m 1h 15.5 12.0 0 m 1h 16.1 17.5 12.0 0 m 1h 17.	24.1 31.8 37.6 43.7 47.5 50.2 50.2 50.2 50.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 25.2 33.3 39.4 45.8 49.8 52.6 54.9 56.8 62.2 72.2 2h 21.1 23.0 36.1 41.1 45.5 48.1 50.8 50.8 60.2 71.2 2h 25.1 2h 25.1	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70.7 89.1 6h.26.8 59.5 38.8 45.8 55.2 57.8 61.1 63.7 65.9 69.4 72.1 68.7 72.1 83.7 64.3 65.9 64.3 65.9 64.3 65.9 64.3 65.9 64.3 65.9 64.3 65.9 64.3 65.9 64.3 65.9 65.9 64.3 65.9 65.9 64.3 65.9 65.9 66.9 67.9 70.	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 98.3 4 88.3 92 95.2 100 104 121 12h 41.9 46.3 61.1 101 105 12h 44.9 97.1 101 105 133 12h 39.3 43.2 56.9 67.2 84.9 89.8 99.8 99.8 99.9 102 106 123	54.5 71.9 85.1 99 108 1114 119 123 125 156 24h 47.5 52.3 68.7 81.3 94.4 103 108 113 117 123 128 149 24h 50.9 56.3 77.4 18.3 111 118 123 127 134 140 162 24h 48.1 153 69.8 82.5 99.04 110 115 119 125 130 151	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 141 147 159 160 167 193 48h 61.1 157 160 167 193 193 193 194 195 195 195 195 198 198 198 198 198 198 198 198	70.1 77.1 102 140 152 161 168 174 183 190 221 72h 68.1 747 155 162 167 176 183 213 72h 71.7 79 104 124 144 156 165 173 179 188 196 228 72h 68.7 72h 68.7 72h 78.5 99.4 118 137 149 157 164 169 179 186 216	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188 195 206 214 248 96h 75.1 109 129 163 172 199 186 196 203 236	89.4 118 140 163 177 187 187 195 202 221 257 79.2 87.1 135 158 171 181 189 195 206 214 249 211 221 221 227 263 166 181 199 1200 207 218 227 263 161 37 79.8 17 79.8 17 79.8 18 18 199 173 183 183 183 183 183 183 183 183 183 18	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 260 20h 86.4 95.2 126 149 174 189 200 208 215 227 236 275 20h 83.6 91.9 121 143 166 181 191 199 206 217 226 226 226 227 236 275
2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 0.012 0.011 0.005 0.033 0.025 0.02 0.017 0.012 0.010 0.004 0.016 0.033 0.025 0.02 0.017 0.012 0.010 0.004 0.017 0.012 0.010 0.004 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.017 0.012 0.010 0.004 0.005 0.033 0.025 0.020 0.017 0.012 0.010 0.004 0.005 0.033 0.025 0.020 0.017 0.012 0.010 0.004 0.005 0.033 0.025 0.020 0.017 0.012 0.010 0.004 0.005 0.033 0.025 0.020 0.017 0.012 0.010 0.004 0.005 0.033 0.025 0.020 0.017 0.012 0.010 0.004 0.005 0.033 0.025 0.033 0.025 0.033 0.025 0.033 0.025 0.033 0.025 0.033 0.025 0.033 0.025 0.034 0.055 0.033	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 28 29.6.0 for the 20 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 30 24.9 25.9 30 27.0 21.9 23.7 24.9 25.9 30 25.0 26.0 for the 20 10.7 11.8 15.5 18.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 6 43.7 20.2 29.9 31.2 32.3 34 35.3 29.9 31.2 32.3 34 35.3 41 45.1 25.2 32.3 34 35.3 41 45.3 41 46 21.1 25 29.1 31.6 33.4 34.9 36.3 38 39.5 45.8 29.9 31.2 32.3 34 35.3 34 34.3 35.3 34 34.3 35.3 36 38 39.5 36.6 38.8 39.5 36.6 38.8 39.5 36.6 38.9 39.5 36.7 36.1 31.9 32.9 36.7 36.1 31.9 32.9 36.7 36.1 34.9 29.9 21.9 20.5 31.9 32.9 31.9 32.9 34.7 36.1 34.9 21.9 22.9 23.3 34.7 36.1 34.9 22.9 23.3 23.3 23.3 23.3 24.1 25.9 26.6 28.9 30.5 31.9 32.9 36.1 34.9 36.1 36.1 36.1 36.1 36.1 36.1 36.1 36.1	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 14.8 52 1-2050 m 1h 17.3 31.6 37.6 37.6 37.6 37.6 37.6 37.6 37.6 37	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 49.1 50.8 53.5 55.6 64.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 23.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 62.2 72.2 2h 21.1 23.2 30.5 36.1 41.9 45.8 45.8 49.8 50.2 51.9 54.6 47.1 49.8 55.6 64.6 64.6 65.9 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70.7 89.1 64.2 29.5 38.8 45.8 53.2 65.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 67.9 67.9 68.9 69.4 70.9 73.3 77.3 80.4 93.3 66.7 57.8 66.7 66.8 67.9 66.8 66.8 67.9 68.8 68.8 68.8 68.8 69.8	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 83.4 88.3 92 100 104 121 12h 41.9 44.9 91.7 97.1 101 105 110 115 133 12h 39.3 43.2 56.9 67.2 78.2 84.9 89.8 93.7 96.9 102 106 123 12h 45.2 66.3	54.5 71.9 85.1 99 108 114 119 123 129 135 156 24h 47.5 52.3 68.7 81.3 94.4 103 108 113 117 123 128 149 24h 56.3 74.4 88.1 111 118 123 127 134 140 162 24h 48.1 53 69.8 82.5 95.9 104 115 119 115 119 125 130 151	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 141 147 155 180 48h 58.1 161 161 171 182 183 184 185 185 185 185 185 185 185 185	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 174 155 162 167 176 183 213 774 775 164 165 165 173 179 188 186 187 75.5 189 228 72h 68.7 75.5 189 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 149 188 137 164 169 72h 75.3 83.1	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188 195 206 214 248 96h 75.1 82.7 109 150 163 172 179 186 196 203 236 96h 81.5	89.4 118 118 140 163 177 187 187 195 202 212 227 257 87.1 115 135 158 189 195 206 214 249 11 181 189 1206 211 143 249 11 181 191 173 181 191 173 181 191 173 181 191 173 181 191 173 181 191 173 181 191 173 181 191 179 173 183 191 177 183 191 177 183 191 177 183 191 177 183 191 177 188 183 191 197 178 188 191 197 178 188 191 197 179 188 191 197 178 188 191 197 179 188 191 197 178 188 191 197 179 188 191 197 179 188 191 197 179 188 191 197 179 188 191 197 197 198 198 197 198 198 198 198 198 198 199 199 199 199	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 142 165 179 204 215 224 260 22h 260 22h 251 260 22h 251 260 275 20h 86.4 95.2 126 149 200 20h 87 20h 88.6 91.9 121 143 166 181 191 199 206 217 226 263 20h 89.8 99.2 132
2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI 1.58 2 5 10 20 20 20 20 20 20 20 20 20 20 20 20 20	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.055 0.02 0.01 0.005 0.033 0.025 0.01 0.006 EFP 10 0.633 0.055 0.02 0.01 0.006 0.033 0.025 0.01 0.007 0.010 0.004 hs (mm) :: R(EFP 10 0.633 0.055 0.02 0.11 0.05 0.033 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.55 0.02 0.11 0.005 0.033 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.55 0.02 0.11 0.005 0.033 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.55 0.2 0.11 0.005 0.033 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.004 hs (mm) :: R(EFP 10 0.004 hs (mm) :: R(EFP 10 0.005 0.033 0.025 0.01 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 37 21.9 9.67 10.6 13.9 16.5 19.1 20.7 21.9 22.9 30 27.6 20.6 10.7 11.8 15.5 18.3 21.3 23.2 24.5 25.6 26.4 27.9 29 33.6 10.7 11.8 11.7 20.7 21.9 22.9 30 22.9 30 25.9 30 26.0 26.0 27.0 28.5 29.1 29.1 20.7 21.9 22.9 25.9 30 21.0 21.0 22.1 24.1 25.4 26.8 27.9 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 e period 203 m 30.1 13.2 14.5 19 22.5 26.1 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 41 e period 208 m 30.1 14.6 21.1 25 29.1 31.6 33.4 34.9 36 38 39.5 45.8 e period 208 m 30.1 14.8 19.4 14.8 19.4 14.8 19.4 14.8 19.4 14.8 19.4 14.8 19.4 14.8 19.4 14.8 19.4 14.8 19.4 14.9 26.6 28.9 30.5 31.9 32.9 34.7 36.1 32.9 34.7 36.1 32.9 34.7 36.1 32.9 32.9 34.7 36.1 32.9 32.9 32.9 32.9 34.7 36.1 32.9 32.9 32.9 32.9 32.9 32.9 32.9 32.9	18.2 244 33 35.8 37.9 39.5 40.9 43.1 44.8 52.2 62.6 26.7 31.3 3.6 35.6 37.1 12.0 m 1h 15.7 12.100 m 1h 17.3 12.1 12.1 12.1 12.1 12.1 12.1 12.1 12	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 22.9 25.2 33.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 52.6 62.2 72.2 2h 21.1 21.1 23.2 30.5 36.1 41.9 45.5 46.6 47.1 49.1 49.8 50.8	31.2 41.1 48.6 56.5 61.4 967.7 70.7 89.1 61.2 29.5 57.8 61.1 63.7 65.9 69.4 72.1 63.7 66.8 83.8 83.8 45.8 53.2 66.4 72.1 63.7 64.3 67.9 69.4 42.9 69.4 42.9 69.5 60.8	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 95.2 100 104 121 12h 41.9 46.3 61.1 105 110 115 133 12h 39.3 43.2 56.9 67.2 78.2 39.3 43.2 56.9 67.2 78.2 84.9 89.8 93.7 96.9 102 106 123 12h 45.2 50 66.3 79.9	54.5 71.9 85.1 71.9 99 108 81.14 119 123 129 135 156 24h 47.5 81.3 94.4 103 108 113 117 123 128 149 24h 50.9 56.3 74.4 88.1 103 111 118 123 127 134 48.1 138 127 134 48.1 153 127 134 48.1 153 127 134 48.1 153 127 134 140 162 24h 48.1 53 80 69.8 82.5 95.9 95.9 104 110 115 119 125 130 151 140 162	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 112 133 141 147 155 180 48h 61.1 167 193 48h 61.1 167 193 48h 61.1 175 180 48h 61.1 180 48h 61.1 180 48h 61.1 180 48h 61.1 180 48h 61.1 180 48h 61.1 193 193 193 193 193 193 193 19	70.1 77.1 102 140 152 161 168 174 183 190 221 72h 68.1 74,8 98.3 116 135 147 155 162 167 176 183 213 72h 71.7 79 104 124 144 156 165 173 179 104 124 144 156 165 173 179 104 188 196 228 72h 68.7 75.5 99.4 118 137 149 157 169 179 186 275 179 186 775 167 176 187 179 187 188 196 188 197 188 196 228 72h 75.5 75.5 75.5 83.1 110 153 83.1 110 131 153	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 193 201 170 178 184 193 201 1234 96h 78 86.1 114 135 157 171 188 195 204 248 96h 75.1 188 195 206 214 248 96h 75.1 189 195 206 214 248 96h 75.1 199 129 150 163 172 179 186 196 203 236 96h 81.5 90.2 120 143 166	89.4 118 140 163 177 187 187 195 202 211 257 87.1 181 189 195 206 214 249 11 881 189 207 212 121 217 181 189 206 214 249 177 218 227 263 179 218 227 263 179 218 227 263 179 218 227 263 277 288 299 217 2191 2191 2191 2191 2191 2191 2	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 261 216 149 200 20h 86.4 95.2 126 149 200 208 215 227 275 20h 83.6 91.9 121 143 166 91.9 121 143 166 181 191 199 206 217 226 263 20h 89.8 99.2 132 157 226 263 20h
2 5 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI ARI ARI 1.58 2 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 10 20 30 40 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 10 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40	0.5 0.2 0.1 0.05 0.033 0.025 0.001 0.004 hs (mm) :: R(EP) 10 0.633 0.5 0.025 0.01 0.004 hs (mm) :: R(EP) 10 0.633 0.5 0.2 0.1 0.05 0.033 0.025 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(EP) 10 0.633 0.5 0.2 0.1 0.05 0.33 0.25 0.02 0.017 0.012 0.01 0.004 hs (mm) :: R(EP) 10 0.633 0.25 0.02 0.017 0.012 0.011 0.004 hs (mm) :: R(EP) 10 0.633 0.25 0.20 0.17 0.112 0.011 0.004 hs (mm) :: R(EP) 10 0.633 0.25 0.20 0.17 0.112 0.110 0.004 hs (mm) :: R(EP) 0.633 0.025 0.033 0.025 0.017 0.010 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 29.6 20.0 for the m 20 10.7 21.9 22.9 23.7 24.9 25.9 30 29.6.0 for the m 20 10.7 11.8 15.5 18.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 6 43.7 19 22.5 26.1 28.3 32.9 31.2 32.3 34 35.3 43 35.3 43 35.3 43 36.3 36 38 39.5 29.1 31.6 33.4 34.9 20.6 31.9 32.9 31.2 32.3 34 35.3 41 36 38 39.5 45.8 41 39.9 30.5 41 31.9 32.9 30.5 31.9 32.9 31.7 36.1 41.9 22.9 31.7 36.1 41.9 21.9 31.9 32.9 31.7 36.1 31.9 32.9 31.7 36.1 31.9 32.9 31.7 36.1 31.9 32.9 31.7 36.1 31.9 32.9 31.9 32.9 31.7 36.1 31.9 32.9 34.7 36.1 36.1 37.6 32.1 34.9 36.9 36.9	18.2 244 28.4 33 35.8 37.9 39.5 40.9 43.1 33.6 35.6 37.1 38.4 40.4 42 48.7 1-2100 m 1h 17.3 125.1 29.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 17.5 23 37.6 39.7 41.5 23 37.6 39.7 41.5 23 37.6 39.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 41.5 29.7 29.7 29.7 29.7 29.7 29.7 29.7 29.7	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57.3 68.8 2h 20.7 22.8 23.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 23.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 62.2 2 21.1 23.2 30.5 48.1 41.9 45.5 48.1 50.2 51.9 54.6 65.9 2h 25.1 27.7 22.8 21.1 23.2 30.5 56.8 66.9 2h 25.1 27.7 26.6 43.4 50.6 55.8 55.8 55.8	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70 73.8 76.7 89.1 64.2 29.5 38.8 45.8 45.8 53.2 65.9 69.4 72.1 83.7 65.9 69.4 72.1 83.7 69.9 70.9 73.3 77.3 80.4 93.3 66 42.9 50.8 67.9 70.9 73.3 77.3 80.4 66 42.9 50.8 67.9 70.9 73.3 77.3 80.4 66 42.9 66.3 67.9 70.9 71.3 66 67 70.9 71.3 66 67 70.9 71.3 66 67 70.9 71.3 66 67 70.9 71.3 66 67 70.9 71.3 66 67 70.9 71.3 66 67 70.9 71.3 66 67 70.9 71.3 67 71.3 68 71.3 66 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 100 104 121 12h 41.9 41.9 41.9 41.9 41.9 105 110 115 133 12h 39.3 43.2 56.9 102 39.3 43.2 56.9 102 45.2 50 66.3 78.7 91.9 91.9 91.06 66.3 78.7 91.9 91.06 66.3 78.7 91.9 91.06 66.3 78.7 91.9 91.06 66.3 78.7 91.9 91.06 66.3 78.7 91.9 91.06 66.3 78.7 91.9 91.06 66.3 78.7 91.9 91.06 66.3 78.7 91.9 91.06 106	54.5 71.9 85.1 99 108 1114 119 123 129 135 156 24h 47.5 81.3 94.4 103 108 113 117 123 128 149 24h 50.9 37.4 88.1 103 111 118 123 127 134 140 162 24h 48.1 53 69.8 82.5 95.9 104 110 115 119 125 130 151 24h 54.4 60.3 80 95 111 120 128	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 136 141 131 136 141 149 155 180 48h 61.1 661.1 167 193 48h 61.1 167 188 48h 61.1 193 194 195 198 198 198 198 198 198 198 198	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 747 155 162 167 176 183 213 72h 71.7 79 104 144 145 156 165 173 188 196 228 72h 68.7 75.5 99.4 118 196 228 72h 75.5 99.4 118 137 149 157 164 169 179 186 216 72h 75.3 83.11 113 153 83.11 153 156 176	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 188 195 206 214 248 95h 75.1 82.7 109 129 129 129 129 129 129 129 129 129 12	89.4 118 140 163 177 187 187 202 212 257 115 257 115 158 191 195 206 214 249 125 121 143 249 121 143 249 121 143 189 191 191 197 208 27 218 27 218 27 219 116 217 117 117 118 118 119 119 119 119 119 119 119 119	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 260 22h 260 20h 86.4 95.2 126 149 174 189 200 208 81.6 91.9 121 143 166 181 191 199 206 215 227 236 236 20h 88.6 91.9 121 143 166 181 191 199 206 215 227 236 263 20h 89.8 99.2 126 263
2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI ARI 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EP) 0.633 0.025 0.017 0.012 0.010 0.004 hs (mm) :: R(EP) 0.633 0.025 0.017 0.012 0.010 0.004 hs (mm) :: R(EP) 0.633 0.5 0.2 0.11 0.05 0.033 0.025 0.017 0.012 0.011 0.004 hs (mm) :: R(EP) 0.633 0.5 0.2 0.1 0.05 0.033 0.025 0.01 0.05 0.033 0.025 0.01 0.004 hs (mm) :: R(EP) 0.633 0.55 0.2 0.11 0.05 0.033 0.025 0.017 0.012 0.011 0.004 hs (mm) :: R(EP) 0.633 0.55 0.20 0.017 0.012 0.011 0.004 hs (mm) :: R(EP) 0.633 0.55 0.20 0.017 0.012 0.011 0.004 hs (mm) :: R(EP) 0.633 0.55 0.20 0.017 0.012 0.011 0.005 0.033 0.025 0.002 0.017 0.012 0.010 0.010 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 26.6 13.9 16.5 19.1 20.7 21.9 22.9 30 25.9 30 26.0 for the m 20 10.7 11.8 15.5 18.3 23.2 24.5 25.6 26.4 27.9 33.6 27.6 28.3 29.2 21.5 21.9 22.9 33.6 26.6 27.2 28.3 29.2 21.5 21.9 22.9 25.9 26.6 26.6 27.2 28.3 29.2 21.5 21.7 21.9 22.9 25.9 26.6 26.6 27.2 28.3 29.2 21.5 21.7 21.9 22.8 25.6 26.6 27 28.3 29.2 21.5 21.7 21.9 22.8 23.6 26.7 27 28.5 27 28.5 27 28.5 29.2 21.7 21.7 21.9 22.6 25.6 27 28.3 29.2	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 a period 203 m 300 13.2 14.5 19 22.5 26.1 28.3 29.9 31.2 32.3 34 35.3 41 29.9 31.2 32.3 34 35.3 41 29.9 31.2 32.3 34 35.3 41 41 25 29.1 31.6 33.4 34.9 36 38 39.5 45.8 29.9 30.5 31.9 30.0 14.8 19.4 14.8 19.8 19.8 19.8 19.8 19.8 19.8 19.8 19	18.2 244 33 35.8 37.9 39.5 40.9 43.1 44.8 52 2.6 26.7 31. 33.6 35.6 37.1 17.2 22.6 26.7 31. 33.6 35.6 37.1 12.100 m 1h 17.3 19.1 25.1 29.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16. 17.5 23 27.2 31.6 34.3 37.9 39.2 41.3 42.9 41.3 42.9 41.3 42.9 41.3 42.9 41.5 43.9 42.9 45.8 1-2100 m 1h 18.9 27.6 32.8 12.100 m 1h 18.9 27.6 32.8 12.100 m 1h 18.9 27.6 32.8 38.2 41.5 43.9 45.8 47.4	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 23.3 41.1 49.1 50.8 53.5 55.6 64.6 2h 22.9 23.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 60.2 72.2 2h 21.1 23.2 30.5 30.5 30.5 30.5 30.5 30.6 43.4 50.6 55.9 2h 27.7 36.6 43.4 50.6 55.8 60.7 62.7	31.2 41.1 48.6 56.5 61.4 64.9 67.7 70.7 89.1 66.2 29.5 38.8 45.8 53.2 57.8 61.1 63.7 65.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 69.4 72.1 83.7 66.9 67.2 64.3 67.9 73.3 30.1 30.1 30.1 30.1 30.1 30.1 30.1 3	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 83.4 88.3 92 100 104 121 12h 41.9 44.9 91.7 97.1 101 105 110 115 133 12h 39.3 43.2 56.9 67.2 78.2 84.9 89.8 93.7 96.9 106 123 12h 45.2 66.3 78.7 97.9 99.9 106 110 114	54.5 71.9 85.1 99 108 81.14 119 123 129 135 156 24h 47.5 52.3 103 108 113 117 123 128 149 24h 50.9 50.9 50.9 104 115 119 123 127 134 140 162 24h 48.1 53 80 95 104 115 119 125 130 151 119 125 130 151 119 125 130 151 119 125 130 151 119 125 130 151 111 118 119 125 130 151 119 125 130 151 119 126 127 138 138 138	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 57.4 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 122 133 141 147 152 160 167 193 48h 58.1 63.8 83.9 99.3 115 125 133 138 143 157 182 48h 64.7 7 173 94.6 112 157 182	70.1 77.1 102 120 140 152 161 168 174 183 190 221 72h 68.1 174 155 162 167 176 183 213 72h 72h 72h 72h 72h 75.5 162 228 72h 68.7 75.5 188 196 228 72h 68.7 75.5 199 184 187 196 228 72h 75.3 118 137 149 157 164 169 179 186 216 72h 75.3 72h 75.3 72h 75.3 75.5 75.3 72h 75.3 72h 75.3 72h 75.3 72h 75.3 72h 75.3 72h 75.3 75.5 75.5 75.5 75.5 75.5 75.5 75.5	84.3 111 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 161 170 178 184 193 201 234 96h 78 86.1 114 135 157 171 181 185 195 206 214 248 96h 75.1 82.7 109 150 163 172 179 186 187 171 189 195 206 214 248 96h 81.5 96h 81.5 96h 81.5 96h 81.5 96h 81.5	89.4 118 1163 177 187 187 195 202 212 227 257 87.1 115 135 158 189 195 206 214 249 211 249 200 207 218 87.1 143 166 181 191 191 200 207 218 87.9 218 87.9 116 217 159 173 183 191 197 208 216 251 117 181 197 208 216 251 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 183 191 197 173 185 175 191 202 208 211 211 211 211	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 204 215 224 260 221 260 220 20h 86.4 95.2 126 149 174 189 200 20k 215 227 266 263 275 20h 83.6 91.9 121 143 166 181 191 199 206 217 226 263 20h 89.8 99.2 132 20h 89.8 99.2 132 157 226 263 275
2 5 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI A 1.58 2 5 10 20 30 40 50 60 80 100 250 Rainfall depth ARI	0.5 0.2 0.1 0.05 0.033 0.025 0.017 0.010 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.01 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.02 0.017 0.010 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.02 0.017 0.010 0.004 hs (mm) :: R(EFP 10 0.633 0.025 0.033 0.025 0.033 0.025 0.033 0.025 0.033 0.025 0.010 0.004	11.3 14.8 17.5 20.4 22.1 23.4 24.4 25.2 26.6 27.6 32 29.60.0 for the 20 20.9 16.5 19.1 20.7 21.9 22.9 30 27.60.0 for the 20 10.7 11.8 15.5 18.3 23.2 24.5 25.6 26.4 27.9 29 33.6 20.8 21.3 23.2 24.5 25.6 26.4 27.9 29 33.6 21.3 23.2 24.5 25.6 26.4 27.9 29 33.6 21.3 23.2 24.5 25.6 26.4 27.9 29 33.6 21.3 23.2 24.5 25.6 26.4 27.9 28.5 10.8 19.5 20.8 21.2 22.4 23.4 24.1 25.4 26.4 23.7 26.8 27.9 28.5 28.5 28.5 28.5 29.8 29.8 29.8 29.8 20.8 20.8 20.8 20.8 20.8 20.8 20.8 20	15.3 20.2 23.9 27.8 30.1 31.9 33.2 34.4 36.2 37.6 43.7 2 e period 203 13.2 14.5 19 22.5 26.1 19 22.5 26.3 29.9 31.2 23.3 34 35.3 29.9 31.2 32.3 34 35.3 41 29.9 36.2 31.9 36 38.3 39.5 45.8 29.9 31.2 29.9 31.2 31.4 31.6 33.4 34.9 36 38 39.5 45.8 39.5 41.8 39.6 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8	18.2 244 28.4 33 35.8 37.9 40.9 43.1 44.8 52.1-2050 m 1h 15.7 17.2 22.6 26.7 31 33.6 35.6 37.1 42.9 48.7 1-2100 m 1h 17.3 29.7 34.6 37.6 39.7 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 23 27.2 31.6 37.9 41.5 42.9 45.2 47 54.5 1-2050 m 1h 16 17.5 23 27.2 31.6 37.9 41.5 42.9 45.2 47 54.5 1-2050 m 1h 15 17.5 28.7 28.5 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	24.1 31.8 37.6 43.7 47.5 50.2 52.4 54.1 57 59.3 68.8 2h 20.7 22.8 29.9 35.3 41.1 44.6 47.1 49.1 50.8 53.5 55.6 64.6 22.9 25.2 33.3 39.4 45.8 49.8 52.6 54.9 56.8 59.8 62.2 72.2 2h 21.1 23.2 30.5 36.1 41.9 54.6 55.8 65.9 2h 25.1 27.7 36.6 55.9 2h 25.1 27.7 36.6 55.9 2h 25.1 27.7 36.6 55.9 2h 25.1 27.7 36.6 55.8 58.1 50.6 55.5 58.1 60.7	31.2 41.1 48.6 56.5 61.4 48.6 67.7 70 73.8 76.7 89.1 61.1 63.7 65.9 69.4 72.1 83.7 61.1 63.7 65.9 69.4 72.1 83.7 64.3 67.9 73.3 77.3 80.4 93.3 66.3 67.9 67.9 73.3 67.9 73.3 66.3 67.9 68.3 67.9 68.3 67.9 68.3 67.9 68.3 67.9 68.3 68.5 68.6 67.2 70.8 73.6 68.5 66.2 70.8 73.6 66.3 67.2 70.8 73.6 66.3 73.6 66.3 73.6 67.2 70.8 73.6 66.3 73.6 66.3 73.6 66.3 73.6 66.3 73.6 66.3 73.6 67.2 70.8 73.6 66.3 73.6 66.3 73.6 66.3 73.6 66.3 73.6 66.3 73.6 67.2 70.8 73.6 66.3 73.6 66.3 73.6 67.2 70.8 73.6 74.8 75.9 66.1	44.6 58.8 69.6 81.1 88 93.2 97.2 101 106 110 128 12h 38.7 42.5 55.9 66.1 76.9 95.2 100 104 121 12h 41.9 46.3 61.1 105 110 115 133 12h 39.3 43.2 12h 39.3 43.2 12h 39.3 43.2 12h 39.3 43.2 12h 45.2 66.3 78.9 89.8 93.7 78.9 102 106 123 12h 45.2 50 66.3 791.9 99.9 106 110	54.5 71.9 85.1 99 108 85.1 114 119 123 125 156 24h 47.5 53.3 68.7 81.3 94.4 103 108 113 117 123 128 149 24h 50.9 56.3 74.4 88.1 103 111 118 123 127 134 48.1 133 127 134 48.1 135 116 24h 60.3 80 95 111 120 128 133	65.4 86.2 102 119 129 136 142 147 155 161 187 48h 63.1 82.9 98 114 124 131 136 141 149 155 180 48h 61.1 67.2 88.7 105 105 112 133 141 147 155 160 167 193 48h 68.1 180 48h 61.1 170 180 48h 61.1 180 48h 64.7 71.3 94.6 180 180 180 180 180 180 180 180	70.1 77.1 102 140 152 161 168 174 183 190 221 72h 68.1 74,8 98.3 116 135 147 155 162 167 176 183 213 72h 71.7 79 104 124 144 156 165 173 179 104 128 196 228 72h 68.7 72h 78,7 79 19 104 19 19 19 19 19 19 19 19 19 19 19 19 19	84.3 111 132 132 153 166 176 184 190 200 208 242 96h 74.5 82 108 128 148 148 161 170 178 184 193 201 1234 96h 78 86.1 114 135 157 171 188 195 206 214 248 96h 75.1 182 195 196 196 197 199 199	89.4 118 140 163 177 187 187 195 202 211 257 87.1 158 158 81 189 195 206 214 249 11 821 249 12 12 12 13 166 181 190 207 203 181 166 181 173 188 189 191 200 207 203 173 183 191 199 173 183 191 173 183 191 173 183 191 173 185 185 187 188 87.9 188 191 197 208 221 211 211 201 202 211 211	93.4 123 146 170 184 195 204 210 222 231 268 20h 82.9 91.2 120 142 165 179 189 197 204 215 224 261 216 149 200 208 215 227 236 275 20h 83.6 91.9 121 143 166 91.9 121 143 166 181 191 199 206 217 226 263 20h 88.8 99.2 132 157 2263 20h 89.8 99.2 132 157 2263 20h 89.8 99.2 132 157 182 198 219

APPENDIX F - MODELLING RESULTS

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