Appendix V

PRIORITISATION OF SETTLEMENTS WITHOUT A FLOOD FORECAST LOCATION

Appendix V Prioritisation of Settlements without a Flood Forecast Location

INTRODUCTION

The BOM provide a flood forecasting and warning services at a number of settlements across the state. Three levels of flood information are provided, which are defined in the Service Level Specification (SLS) as follows:

- Forecast location a location for which the BOM provides a forecast of future water level either as the class of flood that is predicted (minor, moderate or major) or as a level and class. At these locations observed data, flood classifications and additional qualifying information will also be available.
- Information location a location at which flood classifications are defined and observations of water level data are provided. At these locations forecasts of future water level are not produced. Other key thresholds may be defined and reported against.
- Data location a location for which just the observed water level data is provided. Flood classifications are not available for these locations and forecasts of future water level are not produced.

Forecast locations are detailed in Schedule A of the SLS. There are 143 forecast locations across the state, however some of these are at multiple locations close to one settlement. There are 123 settlements with forecast locations in close proximity.

The purpose of this appendix is to identify flood prone settlements in Queensland that do not currently have a forecast location in close proximity and may benefit from one being provided in the future. These settlements are then prioritised on the basis of flood risk and proximity to existing flood forecast locations. The outcomes of this desktop assessment need to be confirmed through discussion with local council, BOM and other interested parties.

SETTLEMENT IDENTIFICATION

A desktop assessment was undertaken to identify settlements with a riverine flood risk that do not currently have a forecast location. These settlements were identified by:

 Criterion 1: BOM or DCS identified the settlement as having a flood risk (587 locations, of which 123 have a forecast location and 464 do not); AND

- Criterion 2: Must meet either of these requirements
 - Identified by BOM as having a riverine flood risk (125 locations, of which 86 have a forecast location and 39 do not) OR
 - QFAO encroaches into the settlement extent AND feasible warning time (based on catchment characteristics) is >6hr (172 locations, of which 76 have a forecast location and 96 do not)

There are 99 settlements in the database that meet these criteria and do not have a forecast location. Some of the settlements in the database are in fact suburbs or extensions of larger settlements, and so there are 92 discrete settlements.

PRIORISATION

Prioritisation of settlements was based on the following:

- Criterion 1 (Primary) Flood hazard score
- Criterion 2 (Secondary) Proximity to existing forecast locations

The flood hazard score is detailed in Appendix E. It is a scale from 1 to 4, where 1 is the lowest and 4 is the highest. It depends on the flood risk (as determined by previous BOM and DSC flood risk assessments), population, and disruption caused by flooding (determined by overlaying QFAO flood extents with land use mapping). The flood hazard score was used as the primary method of prioritisation. For example, all settlements with a flood hazard score of 4 were given a higher priority than those with a flood hazard score of 3.

Secondary criteria were used to prioritise settlements with the same flood hazard score. The proximity of settlements to existing forecast locations was inspected manually for each settlement. Scores were awarded for proximity to existing forecast locations in a consistent manner as detailed below.

Score	Description
0 (nil)	Existing forecast location close, additional forecast location not required
1 (lowest)	Downstream of existing forecast location, additional forecast location may be warranted
2	Upstream of existing forecast location, additional forecast location may be warranted
3 (highest)	Nothing nearby suitable, forecast location may be warranted

The highest score (highest priority) was awarded to locations with no other forecast locations nearby. A lesser priority was awarded to settlements downstream of an existing forecast location than those upstream of an existing forecast location. This is because settlements downstream of an existing forecast location are more likely to be able to anticipate flooding if they are further downstream of a location for which a prediction is being made. This may not be the case if there is considerable branching and catchment contributions between the upstream forecast location and the settlement, which has been considered when deciding whether to award a score of 2 or 3.

FINDINGS

The outcome of the analysis is presented in Table V1. It identifies the following:

- 11 settlements with a Very High priority for a forecast location
- 36 settlements with a High priority for a forecast location
- 23 settlements with a Medium priority for a forecast location
- 8 settlements with a Low priority for a forecast location.

A number of settlements (21) that were initially identified as having a riverine flood risk and no forecast location were later screened from the analysis since they were deemed to be close enough to settlements that have a forecast location.

The outcomes of this desktop assessment need to be confirmed through discussion with local council, BOM and other interested parties.

Table V1 - PRIORITISATION OF SETTLEMENTS FOR CONSIDERATION INTO PROVIDING A FLOOD WARNING SERVICE

Name Name <th< th=""><th>Settlement</th><th>Flood hazard score^(a)</th><th>Proximity to existing forecast location^(b)</th><th>Comments</th><th>Priority^(c)</th></th<>	Settlement	Flood hazard score ^(a)	Proximity to existing forecast location ^(b)	Comments	Priority ^(c)
Nomin Work 4 8 Noming ready 4 3 DEGLA 4 3 Noming ready 4.3 DSDAMAGA 4 3 Demark pready 4.3 DEMARCA 4 2 Seminy pready 4.3 DEMARCA 4 2 Seminy pready 4.3 DEMARCA 4 2 Seminy pready 3.3 DEMARCA 3 Noming ready 3.3 3.3 DEMARCA 3 Noming ready 3.3 3.3 DEMARCA 3 Noming ready 3.3 3.3 DEMARA 3 Noming ready 3.3 3.3			Torecast location		
min 01 4 9 entring control 43 COMMAGE 4 3 Noting results 43 COMMAGE 4 3 Robing results 43 COMMAGE 4 3 Balan to Balan to BBL to in offerer banch 43 DBL 4 3 Balan to BBL to in offerer banch 43 DBL comment 4 3 Balan to BBL to in offerer banch 43 DBL comment 4 2 Balan to BBL to in offerer banch 43 DBL comment 4 2 Balan to BBL to in offerer banch 43 DBL comment 5 1 Balan to State to Sta		Δ	3	Nothing nearby	43
OCOMADCE 4 3 Wolming metry 4.3 TORDERDARMAN 4 3 Nothing metry 4.3 TORDERDARMAN 4 3 Definit of Addin, but on Selferent argueh 4.3 TORDERDARMAN 4 3 Definit of Addin, but on Selferent argueh 4.3 TORDERDARMAN 4 2 Selferent argueh 4.3 AMERISTON 4 1 2.20 Selferent arguehan of Marchan arguehan 4.3 AMERISTON 4 1 2.20 Selferent arguehan argueharguehan arguehan argueharguehan argueharguehargueh	BILOELA	4	3	Nothing nearby	4.3
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COSODIAWAH 4 3 Observe Jamin, Jauro alferent banch 43 CAMCOVAL 4 3 Some failed, Jauro alferne traub. 43 CAMCOVAL 4 2 Some failed, Jauro alferne traub. 43 CAMCOVAL 4 2 Some failed, Jauro alferne traub. 43 CAMCOVAL 4 2 Some failed, Jauro alferne traub. 43 CAMCOVAL 4 2 Some failed, Jauro alferne traub. 43 MARY 4 2 Some failed, Jauro alferne traub. 43 MARY 4 2 Some failed, Jauro alferne traub. 43 MARY 3 Anting memby 43 34 MARY 3 3 Anting memby 33 MARY 3 3 Anting memby 33 MARY 3 3 Anting memby 33 MARY 3 Anting memby 33 MARY 3 Anting memby 33 MARY 3 Anting memby	EROMANGA	4	3	Nothing nearby	4.3
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CHR8D0URG 4 2 Alter opprænn f 9373 422 AAK 4 2 Alter opprænn f 94037 42 AAK 4 2 Alter opprænn f 94037 42 AAK 3 Shrin upprænn f 94037 43 CLEMONT 3 3 Nothing nearby 33 CLEMONT 3 3 Nothing nearby 33 AULSC 3 3 Nothing nearby 33 AULSC 3 3 Nothing nearby 33 AULSC 3 Nothing nearby 33 AUASN 3 Nothing nearby 33 AUASNO 3 Nothin	CAMOOWEAL	4	3	Nothing nearby	4.3
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WALKE STOM 4 1 <th1< td=""><td>AMBY</td><td>4</td><td>2</td><td>35km upstream of 43099</td><td>4.2</td></th1<>	AMBY	4	2	35km upstream of 43099	4.2
Instruction 1 1 Notifier gradity 3 ROLLAND 3 Notifier gradity 3 RENALSECH 3 Notifier gradity 3 NODINALNDA 3 Notifier gradity 3 NODINA	WALKERSTON	4	1	22km downstream of Mirani (33152), 14km upstream of Mackay (33303)	4.1
Chron 3 3 Noting Indon 8.3 DOLLITION 3 4.3 3.4 4.3 DOLATION 3 3 Noting nearby 3.3 DOLATION 3 3 Noting nearby 3.3 TANUMA SAUIS 3 3 Noting nearby 3.3 JAMERIN 3 2 JOIN operation of Chincilla (JST), Noting nearby 3.3 JAMERIN 3 2 JOIN operation of Chincilla (JST), Noting nearby 3.3 JAMERIN 3 2 JOIN operation of Chincilla (JST), No		2	2	Nothing nearby	2.2
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MORANSAM 3 Acting nearby 33 MORANSAM 3 Noting nearby 13 BOTNE ISLAND 3 Noting nearby 13 BOTNE ISLAND 3 Noting nearby 13 STANNA MANDS 3 Noting nearby 13 CALUEC 3 3 Noting nearby 13 MANNANDS 3 Noting nearby 33 MORANDANDA 3 3 Noting nearby 33 MORANDANDA 3 2 COMMANDA 33 MORANDANDA 3 2 COMMANDA 33 MORANDANDA 3 2 COMMANDA 33 MORANDA 3 2 COMMANDA 33 MORANDA 3 2 COMANDA </td <td>ROLLESTON</td> <td>3</td> <td>3</td> <td>Nothing nearby</td> <td>3.3</td>	ROLLESTON	3	3	Nothing nearby	3.3
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807NE SLAND 3 Noting nearby 33 Noting nearby 33 TANUMA SANDS 3 Noting nearby 33 CALLDE 3 Noting nearby 33 ANAMASO 3 Noting nearby 33 JAMBIN 3 Noting nearby 33 MAMASO 3 Noting nearby 33 MAMASOO 3 Noting nearby 33 MAMASOO 3 Noting nearby 33 MORASON 3 Noting nearby 33 MORASON 3 Soft Admostream of Chinchila (4537), Kiken upstream of 43052 32 MORASON 3 2 Drim upstream of 3013 32 MORASON 3 2 Drim upstream of 3013 32 MAMAC 3 2 Drim upstream of 3013 32 MAMASON 3 2 Drim upstream of 4013 32 MAMASON 3 2 Drim upstream of 4013 32 MAMASON 3 2	AURUKUN	3	3	Nothing nearby	3.3
BINASELIGH 3 Nothing nearby 3.3 CALUDE 3 3 Nothing nearby 3.3 CALUDE 3 3 Nothing nearby 3.3 NAMARON 3 Nothing nearby 3.3 NAMARON 3 Nothing nearby 3.3 SEAMARY 3 2 Sidem downstream of Chinchila (1517), RUAm upstream of 43052 3.2 MOOR PARK 3 2 Sidem downstream of Sh013 3.2 MOOR PARK 3 2 Alkm upstream of Sh013 3.2 RAMAC 3 2 Alkm upstream of Notaliae 3.2 RAMAC 3 2 Alkm upstream of Notaliae 3.2 RAMAC 3 2 Simu upstream of Notaliae 3.2 RAMAC 3 2 Simu upstream of Notaliae 3.2 RAMAC<	BOYNE ISLAND	3	3	Nothing nearby	3.3
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THANGOOL 3 Nothing nearly 3.3 VEXARAPY 3 3 Nothing nearly 3.3 WOORABINDA 3 3 Nothing nearly 3.3 WOORABINDA 3 2 Sickin downstream of Chinchila (41517), 80km upstream of 43052 3.2 GREGOP VDOWNS 3 2 Otkin upstream of 59139 3.2 ARAMAC 3 2 Otkin upstream of 59139 3.2 GRANTHAM 3 2 Otkin upstream of 50130 3.2 GRANTHAM 3 2 Bitm upstream of 40444 3.2 COMINTA 3 2 Bitm upstream of 40444 3.2 COMINTA 3 2 Bitm upstream of 40461 3.2 COMINTA 3 2 Bitm upstream of 40461 3.2 VITTABURRA 3 2 Ditm upstream of 40461 3.2 VITTABURRA 3 2 Ditm upstream of 4141 3.2 VITTABURRA 3 2 Ditm upstream of 41411 3.2 <t< td=""><td>NANANGO</td><td>3</td><td>3</td><td>Nothing nearby</td><td>3.3</td></t<>	NANANGO	3	3	Nothing nearby	3.3
BENARASY 3 Nothing nearby 33 OCONDAMINE 3 Nothing nearby 33 CONDAMINE 3 2 Slokm downstream of Chinkia [d1517], 80km upstream of 43052 32 GORDERANK 3 2 Slokm upstream of 29157 32 MOORE PANK 3 2 Slokm upstream of 3013 32 BIRODHRA 3 2 Slokm upstream of 51048 32 BIRODHRA 3 2 Slokm upstream of 540139 32 BIRODHRA 3 2 Slokm upstream of 40441 32 COMINYA 3 2 Slokm upstream of 40437 32 MURGON 3 2 Slokm upstream of 40437 32 MURGON 3 2 Slokm upstream of 40437 32 MURGON 3 2 Slokm upstream of 404361 32 MURGANKA 3 2 Slokm upstream of 540139 32 MURDANKA 3 1 Slokm upstream of 540139 31 SANDANGA <td< td=""><td>THANGOOL</td><td>3</td><td>3</td><td>Nothing nearby</td><td>3.3</td></td<>	THANGOOL	3	3	Nothing nearby	3.3
WOORABINDA 3 Nothing nearby 3.3 OCNDAMINE 3 2 Slorn downstream of 20157 3.2 GREGORY DOWNS 3 2 110km upstream of 29157 3.2 GREGORY DOWNS 3 2 110km upstream of 540139 3.2 ARMAC 3 2 7km upstream of 53013 3.2 GRANTHAM 3 2 4km upstream of 53013 3.2 GRANTHAM 3 2 3km upstream of 540139 3.2 COMINYA 3 2 3km upstream of 540139 3.2 COMINYA 3 2 3km upstream of 540139 3.2 COMINYA 3 2 3km upstream of 40137 3.2 MURGON 3 2 3km upstream of 40139 3.2 MORONE 3 2 3km upstream of 540139 3.2 MORAN 3 2 3km upstream of 540139 3.2 MARAA 3 1 3km downstream of 41039 3.1 RAUMARA 3	BENARABY	3	3	Nothing nearby	3.3
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Display Display <t< td=""><td>GRANTHAM</td><td>3</td><td>2</td><td>8km upstream of 40444</td><td>3.2</td></t<>	GRANTHAM	3	2	8km upstream of 40444	3.2
COOMINYA 3 2 19km upstream of Lowood, but above Brisbane Rv confluence 3.2 MURGON 3 2 45km upstream of A0837 3.2 MURGON 3 2 14km upstream of A0837 3.2 MUTRADURA 3 2 14km upstream of A0611 3.2 MUTRADURA 3 2 5km upstream of 40613 3.2 MORRE 3 2 6km upstream of 40613 3.2 MORRE 3 2 19km upstream of 41411 3.2 MORRE 3 1 19km downstream of 24131 3.2 MARA 3 1 14km downstream of 34030 3.1 MULH FRAN 3 1 12km downstream of 34030 3.1 MULNGIND 3 1 12km downstream of 34030 3.1 MUNGINDI 3 1 12km downstream of 34030 3.1 MUNNGIND 3 1 12km downstream of 34030 3.1 MUNNGIND 3 1 12km downstream of 134000		3	2	23km upstream of 540139	3.2
MURGON 3 2 45km upstream of 40837 32 TAMBORINE 3 2 14km upstream of 40837 32 TAMBORINE 3 2 14km upstream of 40837 32 UTTABURA 3 2 5km upstream of 4013 32 JONDARYAN 3 2 6km upstream of 4141 32 WARRA 3 2 18km upstream of 540139 32 WARRA 3 1 6km downstream of 23155, but additional tributaries 31 VULLY HEADS 3 1 12km downstream of 540330 31 MULLMERRAN 3 1 12km downstream of 14499 31 BAFFLE CREEK 3 1 12km downstream of 140004 (41000) 31 NOKINGHAM 3 1 72km downstream of 1340004 (42000) 31 MUNGINDI 3 1 12km downstream of 1340004 (42000) 31 MUNGINDI 3 1 12km downstream of 1340004 (42000) 31 MUNGINDI 3 1 12km downstream o	COOMINYA	3	2	19km upstream of Lowood, but above Brisbane Ry confluence	3.2
TAMBORINE 3 2 14km upstream of Wolfdene (40761) 3.2 MUTTABURRA 3 2 52km upstream of 34013 3.2 DONDARYAN 3 2 60km upstream of 41346 3.2 MOORE 3 2 40km upstream of 41346 3.2 MARIA 3 2 43km upstream of 41411 3.2 KARUMBA 3 1 60km downstream of 29155, but additional tributaries 3.1 KARUMBA 3 1 12km downstream of 41499 3.1 MUNKINDI 3 1 15km downstream of 39267 3.1 MUNKINDI 3 1 70km downstream of 71a/vocl (42100) 3.1 OXANYILA 3 1 12km downstream of 71a/vocl (42100) 3.1 OXANYILA 3 1 12km downstream of 71a/vocl (42100) 3.1 OXANYILA 3 1 12km downstream of 71a/vocl (42100) 3.1 OXANYILA 3 1 12km downstream of 71a/vocl (42100) 3.1 OXANYILA 2	MURGON	3	2	45km upstream of 40837	3.2
MUTTABURRA 3 2 52km upstream of 5013 32 JONDARYAN 3 2 60km upstream of 4146 32 JONDARYAN 3 2 19km upstream of 40139 32 WARKA 3 2 19km upstream of 40139 32 WARKA 3 2 43km upstream of 40139 32 WARKA 3 1 60km downstream of 29155, but additional tributaries 31 TULLY HADS 3 1 14km downstream of 540330 31 MULTABRAN 3 1 15km downstream of 54030 31 MULGIND 3 1 15km downstream of 71alwood (42100) 31 AFFLE CREEK 3 1 12km downstream of 71alwood (42100) 31 MUNGIND 3 1 12km downstream of 71alwood (42100) 31 MUNGIND HRIORITY 3 1 12km downstream of 71alwood (42100) 31 KVINANA 2 3 Nothing nearby 23 KVINANA 2 3 Nothing nearby <td>TAMBORINE</td> <td>3</td> <td>2</td> <td>14km upstream of Wolfdene (40761)</td> <td>3.2</td>	TAMBORINE	3	2	14km upstream of Wolfdene (40761)	3.2
JONDARYAN 3 2 60km upstream of 41346 3.2 MOORE 3 2 19km upstream of 540139 3.2 MARA 3 2 43km upstream of 41411 3.2 KARUMBA 3 1 60km downstream of 23157, 3.1 KANDANGA 3 1 12km downstream of 32167 3.1 KANDANGA 3 1 12km downstream of 32167 3.1 MILLIMERRAN 3 1 12km downstream of 32067 3.1 BAFFLE CREK 3 1 12km downstream of 32067 3.1 MUNGINDI 3 1 70km downstream of 52059 3.1 OWANVILA 3 1 12km downstream of 52059 3.1 MOKING PROBINT 2.3 Nothing nearby 2.3 3.3 KYNUNA 2 3 Nothing nearby 2.3 JULA CREK 2 3 Nothing nearby 2.3 PORT STEWART 2 3 Nothing nearby 2.3 SAPPHINE <td>MUTTABURRA</td> <td>3</td> <td>2</td> <td>52km upstream of 36013</td> <td>3.2</td>	MUTTABURRA	3	2	52km upstream of 36013	3.2
MOORE 3 2 19km upstream of \$40139 3.2 WARRA 3 2 43km upstream of \$40139 3.2 WARRA 3 1 60km downstream of 29155, but additional tributaries 3.1 TULLY HEADS 3 1 14km downstream of 52057 3.1 MILUMERRAN 3 1 15km downstream of 540139 3.1 MILUMERRAN 3 1 15km downstream of 540230 3.1 MUNGIND 3 1 7km downstream of 73267 3.1 MUNGIND 3 1 7km downstream of 52059 3.1 OWANYILA 3 1 7km downstream of 52059 3.1 MOURAND 2 3 Nothing nearby 2.3 MVANAMA 2 3 Nothing nearby 2.3 JULA CREEK 2 3 Nothing nearby 2.3 JULA CREEK 2 3 Nothing nearby 2.3 KORANA 2 2 3km upstream of 531048 2.2	JONDARYAN	3	2	60km upstream of 41346	3.2
WARRA 3 2 43km upstream of 41411 3.2 KARUMRA 3 1 60km downstream of 29155, but additional tributaries 3.1 TULLY HEADS 3 1 14km downstream of 29155, but additional tributaries 3.1 TULLY HEADS 3 1 17km downstream of 52030 3.1 MILMERRAN 3 1 15km downstream of 41499 3.1 BAFFE CREEK 3 1 7km downstream of 532059 3.1 OXCKINGHAM 3 1 7km downstream of 510400 (42100) 3.1 OVANVILA 3 1 7km downstream of 510402(3200) 3.1 OVANVILA 3 1 7km downstream of 510402(3200) 3.1 MUNGIND 2 3 Nothing nearby 2.3 KYNUNA 2 3 Nothing nearby 2.3 SAPPHRE 2 3 Nothing nearby 2.3 SAPARTER 2 3 Nothing nearby 2.3 SAULARCEK 2 3 Nothing nearby	MOORE	3	2	19km upstream of 540139	3.2
KARUMBA 3 1 60km downstream of 23167 3.1 KANDANGA 3 1 14km downstream of 540330 3.1 KANDANGA 3 1 27km downstream of 540330 3.1 MILLMERRAN 3 1 15km downstream of 540330 3.1 MILKIRRAN 3 1 15km downstream of 530267 3.1 MUNGINOI 3 1 7km downstream of 7alwood (42100) 3.1 ROCKINGHAM 3 1 7km downstream of Talwood (42100) 3.1 MUNGINOI 3 1 7km downstream of Talwood (42100) 3.1 MOUNAWILLA 3 1 7km downstream of Talwood (42100) 3.1 MUNAWIMA 2 3 Nothing nearby 2.3 KYNUNA 2 3 Nothing nearby 2.3 JULA CREEK 2 3 Nothing nearby 2.3 KYRANDA 2 2 3km upstream of 531048 2.2 MVGLA 2 2 3km upstream of 531048 2.2	WARRA	3	2	43km upstream of 41411	3.2
TULLY HEADS 3 1 14km downstream of \$107 3.1 KNDANAA 3 1 7.km downstream of \$41499 3.1 MILLMERRAN 3 1 15km downstream of \$41499 3.1 MILIAMERRAN 3 1 15km downstream of \$12000 3.1 RAFFLE CREEK 3 1 15km downstream of Talvood (42100) 3.1 ROCKINGHAM 3 1 7.km downstream of Talvood (42100) 3.1 ROCKINGHAM 3 1 12km downstream of Talvood (42100) 3.1 OWANTLA 3 1 12km downstream of Talvood (42100) 3.1 OWANTLA 3 1 12km downstream of Talvood (42100) 3.1 JULA CREEK 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 SAPPTIRE 2 3 Nothing nearby 2.3 SAPPTIRE 2 3 Nothing nearby 2.3 SAPPTIRE 2 3 Nothing nearby 2.	KARUMBA	3	1	60km downstream of 29155, but additional tributaries	3.1
KANDANGA 3 1 27km downstream of 40499 3.1 BAFFLE CREEK 3 1 15km downstream of 41499 3.1 BAFFLE CREEK 3 1 70km downstream of 3140vol (42100) 3.1 MUNGINDI 3 1 70km downstream of 5140vol (42100) 3.1 ROCKINGHAM 3 1 71km downstream of 5140vol (42100) 3.1 MUNDIPRIORIV 3 1 12km downstream of 5140vol (42100) 3.1 KVNUNA 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 KURANDA 2 3 Nothing nearby 2.3 KURANDA 2 2 8km upstream of 531048 2.2 KURANDA 2 2 13km upstream of 531048 2.2 MUGALDE 2 2 63km upstream of 7310vod (42108) 2.2 <td>TULLY HEADS</td> <td>3</td> <td>1</td> <td>14km downstream of 32167</td> <td>3.1</td>	TULLY HEADS	3	1	14km downstream of 32167	3.1
MILLMERRAN 3 1 15km downstream of 14499 3.1 MUNGINDI 3 1 15km downstream of 1499 3.1 MUNGINDI 3 1 70km downstream of Talwood (42100) 3.1 ROCKINGHAM 3 1 7km downstream of Talwood (42100) 3.1 OWANYILA 3 1 12km downstream of Talvo (40203) 3.1 MEDUM PRIORITY 2.3 3 Nothing nearby 2.3 KOWANYILA 2 3 Nothing nearby 2.3 JULA CREEK 2 3 Nothing nearby 2.3 ACRDOWAN 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 KURANDA 2 2 3 Nothing nearby 2.3 KURANDA 2 2 13km upstream of 531048 2.2 MUGIDIE 2 2 30km upstream of 531048 2.2 MUGIDIE 2 2 30km upstream of 731048 2.2 <tr< td=""><td>KANDANGA</td><td>3</td><td>1</td><td>27km downstream of 540330</td><td>3.1</td></tr<>	KANDANGA	3	1	27km downstream of 540330	3.1
BAFFLE CREEK 3 1 15km downstream of 39267 3.1 RUNGINDI 3 1 70km downstream of 39267 3.1 ROCKINGHAM 3 1 12km downstream of 1530259 3.1 OWANVILA 3 1 12km downstream of 1530259 3.1 OWANVILA 3 1 12km downstream of 1530259 3.1 DWANVILA 3 1 12km downstream of 1530259 3.1 WOMANVAMA 2 3 Nothing nearby 2.3 JULA CREEK 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 CARDOWAN 2 3 Nothing nearby 2.3 SURANDA 2 2 8km upstream of 531048 2.2 MUGIDIE 2 2 63km upstream of 531048 2.2 MUGIDIE 2 2 63km upstream of 714wood (42108) 2.2 MUGIDIE 2 2 10km upstream of 714wood (42108) 2.2	MILLMERRAN	3	1	15km downstream of 41499	3.1
MUNGIND 3 1 //Ukm downstream of 1aiwood (42100) 3.1 OWANYILA 3 1 12km downstream of 532059 3.1 OWANYILA 3 1 12km downstream of 532059 3.1 MEDIUM PRIORITY 2 3 Nothing nearby 2.3 KYNUNA 2 3 Nothing nearby 2.3 JULA CREEK 2 3 Nothing nearby 2.3 CARDOWAN 2 2 8km upstream of 531048 2.2 MVGLA 2 2 13km upstream of 531048 2.2 MUGLDIE 2 2 30km upstream of 731048 2.2 BUWON 2 2 30km upstream of 731048 2.2 BUNGUNYA 2 2 17km upstream of 731048 2.2 BUWON 2 2 2 MWU upstream of 731048 2.2 SOUTHWOOD 2	BAFFLE CREEK	3	1	15km downstream of 39267	3.1
RUCKINGHAM 3 1 / Km doWnStream of Tako (40203) 3.1 MEDIUM PRIORITY 3 1 12km downstream of Tako (40203) 3.1 MEDIUM PRIORITY 2 3 Nothing nearby 2.3 KIVNUNA 2 3 Nothing nearby 2.3 JULIA CREEK 2 3 Nothing nearby 2.3 CARDOWAN 2 2 8km upstream of 531048 2.2 WYOLA 2 2 13km upstream of 531048 2.2 MUGIDIE 2 2 63km upstream of 531048 2.2 BUNON 2 2 30km upstream of Takwood (42108) 2.2 BUNGUNYA 2 2 17km upstream of Takwood (42108) 2.2 KOWROWA 2 2 2 47km upstream of Takwood (42108) 2.2 <td>MUNGINDI</td> <td>3</td> <td>1</td> <td>70km downstream of Talwood (42100)</td> <td>3.1</td>	MUNGINDI	3	1	70km downstream of Talwood (42100)	3.1
OWAMPLA S 1 12km downstream of hard (40203) 3.1 MEDIUM PRIORITY 2 3 Nothing nearby 2.3 KYNUNA 2 3 Nothing nearby 2.3 JULIA CREEK 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 CARDOWAN 2 3 Nothing nearby 2.3 KVRANDA 2 2 8km upstream of 531048 2.2 MYOLA 2 2 8km upstream of 531048 2.2 MUGIDIE 2 2 8km upstream of 531048 2.2 MUGIDIE 2 2 13km upstream of 531048 2.2 BUNGON 2 2 17km upstream of 531048 2.2 DOBEAH 2 2 17km upstream of 71wood (42108) 2.2 TOOBEAH 2 2 17km upstream of Talwood (42108) 2.2 SOUTH WOOD 2 2 17km upstream of Talwood (42108) 2.2 SOUTH BIN		3	1	7km downstream of 532059	3.1
MCDUM PRIOR T 3 Nothing nearby 2.3 KYNUNA 2 3 Nothing nearby 2.3 KYNUNA 2 3 Nothing nearby 2.3 JULIA CREEK 2 3 Nothing nearby 2.3 CARDOWAN 2 3 Nothing nearby 2.3 VILGILDIE 2 2 8km upstream of 531048 2.2 MULGILDIE 2 2 63km upstream of 531048 2.2 MULGILDIE 2 2 17km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of 531048 2.2 TOOBEAH 2 2 17km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream of Talwood (42108) 2.2 SOUTH WOOD 2 2		5	1		5.1
Northing 2 3 Nothing nearby 2.3 JULIA CREEK 2 3 Nothing nearby 2.3 JULIA CREEK 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 CARDOWAN 2 3 Nothing nearby 2.3 PORT STEWART 2 3 Nothing nearby 2.3 KURANDA 2 2 8km upstream of 531048 2.2 MVGLA 2 2 13km upstream of 531048 2.2 MUGILDIE 2 2 63km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of 731048 2.2 BUNGUNYA 2 2 17km upstream of 731048 2.2 SOUTHWOOD 2 2 17km upstream of 731048 2.2 KOWROWA 2 2 17km upstream of 731048 2.2 SOUTHWOOD 2 2 47km upstream of 7390313 2.2 SOUTHWOOD 2		2	3	Nothing nearby	23
Antom 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 SAPPHIRE 2 3 Nothing nearby 2.3 CARDOWAN 2 3 Nothing nearby 2.3 PORT STEWART 2 3 Nothing nearby 2.3 VURANDA 2 2 8km upstream of 531048 2.2 MYOLA 2 2 63km upstream of 531048 2.2 MULGIDIE 2 2 63km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of 7alwood (42108) 2.2 COBEAH 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 47km upstream of 39313 2.1 SOUTHWOOD 2 1 30km downstream of 39313 2.1 SOUTH BINGERA 2 1 45km downstream of 39313, 22km upstream of 39143 2.1 <tr< td=""><td>KYNUNA</td><td>2</td><td>3</td><td>Nothing nearby</td><td>2.5</td></tr<>	KYNUNA	2	3	Nothing nearby	2.5
SAPPHIRE 2 3 Nothing nearby 2.3 CARDOWAN 2 3 Nothing nearby 2.3 PORT STEWART 2 3 Nothing nearby 2.3 PORT STEWART 2 3 Nothing nearby 2.3 KURANDA 2 2 8km upstream of 531048 2.2 MULGILDIE 2 2 63km upstream of 531048 2.2 MULGILDIE 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 30km upstream of 731048 2.2 BUNGUNYA 2 2 17km upstream of 7alwood (42108) 2.2 KOWROWA 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 1 31km downstream of 39313 2.1 SOUTHWOOD 2 1 31km downstream of 39313 2.1 SOUTH BINGERA 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170)	JULIA CREEK	2	3	Nothing nearby	2.3
CARDOWAN 2 3 Nothing nearby 2.3 PORT STEWART 2 3 Nothing nearby 2.3 KURANDA 2 2 8km upstream of 531048 2.2 MYOLA 2 2 13km upstream of 531048 2.2 MULGILDIE 2 2 63km upstream of 531048 2.2 BLWON 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of Talwood (42108) 2.2 TOOBEAH 2 2 2/km upstream of Talwood (42108) 2.2 KOAH 2 2 2/km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 17km upstream of 3913 2.1 SOUTHWOOD 2 1 31km downstream of 39313 2.1 SOUTH BINGERA 2 1 30km downstream of 39313, 22km upstream of Bund	SAPPHIRE	2	3	Nothing nearby	2.3
PORT STEWART 2 3 Nothing nearby 2.3 KURANDA 2 2 8km upstream of 531048 2.2 MYQLA 2 2 13km upstream of 531048 2.2 MUGILDIE 2 2 63km upstream of 531048 2.2 BUNGUNYA 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of Talwood (42108) 2.2 TOOBEAH 2 2 43km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 47km upstream of Talwood (42108) 2.2 BUNGADO 2 1 31km downstream of 39313 2.1 SOUTHWOOD 2 2 47km upstream of 39313 2.1 SOUTH BINGERA 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 BOOLBURRA 2 1 21km d	CARDOWAN	2	3	Nothing nearby	2.3
KURANDA 2 2 8km upstream of 531048 2.2 MYOLA 2 2 13km upstream of 531048 2.2 MULGILDIE 2 2 63km upstream of 39259 2.2 BILWON 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of Talwood (42108) 2.2 KOAH 2 2 26km upstream of Talwood (42108) 2.2 KOAH 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 1 31km downstream of 39313 2.1 SOUTHBINGERA 2 1 31km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 AVONDALE 2 1<	PORT STEWART	2	3	Nothing nearby	2.3
MYOLA 2 2 13km upstream of 531048 2.2 MULGILDIE 2 2 63km upstream of 39259 2.2 BILWON 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 30km upstream of Talwood (42108) 2.2 TOOBEAH 2 2 43km upstream of Talwood (42108) 2.2 KOAH 2 2 2 kdkm upstream of Talwood (42108) 2.2 KOWROWA 2 2 2 kdkm upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 2 kdkm upstream of Filmton (42053) 2.2 SUNGADOO 2 1 31km downstream of 39313 2.1 SOMERSET DAM 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 SOUTH BINGERA 2 1 45km downstream of 393047 2.1 AVONDALE 2 1 21km downstream of 39313 2.1 ALTON 2 1 <td>KURANDA</td> <td>2</td> <td>2</td> <td>8km upstream of 531048</td> <td>2.2</td>	KURANDA	2	2	8km upstream of 531048	2.2
MULGILDIE 2 2 63km upstream of 39259 2.2 BILWON 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of Talwood (42108) 2.2 TOOBEAH 2 2 43km upstream of Talwood (42108) 2.2 KOAH 2 2 2 43km upstream of Talwood (42108) 2.2 KOWROWA 2 2 2 64km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 2 7	MYOLA	2	2	13km upstream of 531048	2.2
BILWON 2 2 30km upstream of 531048 2.2 BUNGUNYA 2 2 17km upstream of Talwood (42108) 2.2 TOOBEAH 2 2 43km upstream of Talwood (42108) 2.2 KOAH 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream 531048 2.2 SOUTHWOOD 2 2 47km upstream of Flinton (42053) 2.2 BUNGADOO 2 1 31km downstream of 39313 2.1 SOUTH BINGERA 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 BOOLBURRA 2 1 55km downstream of 39143 2.1 2.1 AVONDALE 2 1 21km downstream of 39047 2.1 2.1 ALTON 2 1 35km downstream of 39313 2.1 2.1	MULGILDIE	2	2	63km upstream of 39259	2.2
BUNGUNYA 2 2 17km upstream of Talwood (42108) 2.2 TOOBEAH 2 2 43km upstream of Talwood (42108) 2.2 KOAH 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 26km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 17km upstream of Talwood (42108) 2.2 SOUTHWOOD 2 2 47km upstream of Flinton (42053) 2.2 BUNGADOO 2 1 31km downstream of 39313 2.1 SOUTH BINGERA 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 SOUTH BINGERA 2 1 55km downstream of 39143 2.1 AVONDALE 2 1 21km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 ALTON 2 1 21km downstream of 393143 2.1 ALTON 2 1 23km downstream of 39313 2.1 <	BILWON	2	2	30km upstream of 531048	2.2
TOOBEAH 2 2 43km upstream of Talwood (42108) 2.2 KOAH 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream 531048 2.2 SOUTHWOOD 2 2 47km upstream of Flinton (42053) 2.2 BUNGADOO 2 1 31km downstream of 39313 2.1 SOMERSET DAM 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 SOUTH BINGERA 2 1 45km downstream of 39143, 22km upstream of Bundaberg (39170) 2.1 BOOLBURRA 2 1 21km downstream of 39143 2.1 AVONDALE 2 1 21km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 ALTON 2 1 21km downstream of 39143 2.1 2.1 MALMOE 2 1 21km downstream of 39313, 22km upstream of 39313 2.1 MALMOE 2 1 35km downstream of 39313 2.1 GREENVALE 1 3 Nothing nearby 2.1	BUNGUNYA	2	2	17km upstream of Talwood (42108)	2.2
KOAH 2 2 26km upstream of Talwood (42108) 2.2 KOWROWA 2 2 17km upstream 531048 2.2 SOUTHWOOD 2 2 47km upstream of Flinton (42053) 2.2 BUNGADOO 2 1 31km downstream of 39313 2.1 SOMERSET DAM 2 1 30km downstream of Woodford 540485 2.1 SOUTH BINGERA 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 BOOLBURRA 2 1 55km downstream of 39143 2.1 AVONDALE 2 1 21km downstream of 539047 2.1 ALTON 2 1 23km downstream of 39313 2.1 MALMOE 2 1 35km downstream of 39313 2.1 MALMOE 2 1 35km downstream of 39313 2.1 MALMOE 2 1 19km downstream of 39259 2.1 IMALMOE 2 1 19km downstream of 39259 2.1	ТООВЕАН	2	2	43km upstream of Talwood (42108)	2.2
KOWROWA 2 2 17km upstream 531048 2.2 SOUTHWOOD 2 2 47km upstream of Flinton (42053) 2.2 BUNGADOO 2 1 31km downstream of 39313 2.1 SOMERSET DAM 2 1 30km downstream of Woodford 540485 2.1 SOUTH BINGERA 2 1 30km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 BOOLBURRA 2 1 55km downstream of 39143 2.1 AVONDALE 2 1 21km downstream of 539047 2.1 ALTON 2 1 23km downstream of 39313 2.1 ELECTRA (PINE CREEK) 2 1 35km downstream of 39313 2.1 MALMOE 2 1 19km downstream of 39313 2.1 IDW PRIORITY 3 Nothing nearby 2.1 3	КОАН	2	2	26km upstream of Talwood (42108)	2.2
SOUTHWOOD 2 2 47km upstream of Flinton (42053) 2.2 BUNGADOO 2 1 31km downstream of 39313 2.1 SOMERSET DAM 2 1 30km downstream of Woodford 540485 2.1 SOUTH BINGERA 2 1 45km downstream of 39313, 22km upstream of Bundaberg (39170) 2.1 BOOLBURRA 2 1 45km downstream of 39143 2.1 AVONDALE 2 1 21km downstream of 539047 2.1 ALTON 2 1 23km downstream of 39313 2.1 ELECTRA (PINE CREEK) 2 1 35km downstream of 39313 2.1 MALMOE 2 1 19km downstream of 39259 2.1 LOW PRIORITY 3 Nothing nearby 1 3	KOWROWA	2	2	1/km upstream 531048	2.2
BUNGADOO2131km downstream of 393132.1SOMERSET DAM2130km downstream of Woodford 5404852.1SOUTH BINGERA2145km downstream of 39313, 22km upstream of Bundaberg (39170)2.1BOOLBURRA2155km downstream of 391432.1AVONDALE2121km downstream of 5390472.1ALTON2123km downstream of 393132.1ELECTRA (PINE CREEK)2135km downstream of 393132.1MALMOE2119km downstream of 392592.1LECTRA (PINE CREEK)213Nothing nearby1.3	SOUTHWOOD	2	2	4/km upstream of Flinton (42053)	2.2
SOUVERSET DAIMZ1SOUR downstream of Woodford 5404852.1SOUTH BINGERA2145km downstream of 39313, 22km upstream of Bundaberg (39170)2.1BOOLBURRA2155km downstream of 391432.1AVONDALE2121km downstream of 5390472.1ALTON2123km downstream of 393132.1ELECTRA (PINE CREEK)2135km downstream of 393132.1MALMOE2119km downstream of 392592.1LIOW PRIORITYGREENVALE13Nothing nearby1		2	1	31km downstream of 39313	2.1
SOUTH BINGERA2145km downstream of 39313, 22km upstream of Bundaberg (39170)2.1BOOLBURRA2155km downstream of 391432.1AVONDALE2121km downstream of 5390472.1ALTON2123km downstream of 393132.1ELECTRA (PINE CREEK)2135km downstream of 393132.1MALMOE2119km downstream of 392592.1LIOW PRIORITYGREENVALE13Nothing nearby1.3	SUMERSET DAM	2	1	SUKM downstream of Woodford 540485	2.1
DOULDONNAZ1DSKM downstream of 39143Z.1AVONDALE2121km downstream of 5390472.1ALTON2123km downstream Flinton (42053)2.1ELECTRA (PINE CREEK)2135km downstream of 393132.1MALMOE2119km downstream of 392592.1IOW PRIORITYGREENVALE13Nothing nearby1.3		2	1	45km downstream of 39313, 22km upstream of Bundaberg (39170)	2.1
AVOIDALL2121kill downstream of 3530472.1ALTON2123km downstream Flinton (42053)2.1ELECTRA (PINE CREEK)2135km downstream of 393132.1MALMOE2119km downstream of 392592.1LOW PRIORITYGREENVALE13Nothing nearby1.3		2	1	21km downstream of 520047	2.1
ALTONZ1ZSKII downstream of 142055)ZELECTRA (PINE CREEK)2135km downstream of 39313Z.1MALMOE2119km downstream of 39259Z.1LOW PRIORITYGREENVALE13Nothing nearby1.3		2	1	23km downstream Elinton (42053)	2.1
MALMOE 2 1 Image: Solid Gowing reaction of 39313 2.1 Image: Solid Gowing reaction of 39259 2.1	ELECTRA (PINE CREEK)	2	1	35km downstream of 39313	2.1
LOW PRIORITY GREENVALE 1 3 Nothing nearby 1 1 1 1 1 1 1 1 1 1 1 1 1	MALMOF	2	1	19km downstream of 39259	2.1
GREENVALE 1 3 Nothing nearby 1 3	LOW PRIORITY		· · ·		
	GREENVALE	1	3	Nothing nearby	1.3

Table V1 - PRIORITISATION OF SETTLEMENTS FOR CONSIDERATION INTO PROVIDING A FLOOD WARNING SERVICE

Settlement	Flood hazard score ^(a)	Proximity to existing	Comments	Priority ^(c)			
		forecast location ^(b)		-			
LAURA	1	3	Nothing nearby	1.3			
NOCCUNDRA	1	3	Nothing nearby	1.3			
KAJABBI	1	3	Nothing nearby	1.3			
KIDSTON	1	3	Nothing nearby	1.3			
CERATODUS	1	2	20km upstream of 39259	1.2			
MIARA	1	1	32km downstream of 539047	1.1			
KAGARU	1	1	12km downstream of 40939	1.1			
NOT REQUIRED (PROXIMA	NOT REQUIRED (PROXIMAL TO EXISTING FORECAST LOCATION)						
FERNVALE	4	0	6km to Lowood	0.0			
BEENLEIGH	4	0	2km to Eaglby	0.0			
WATERFORD	4	0	2km to Waterford West	0.0			
CORDELIA	4	0	3km to Halifax	0.0			
MACKNADE	4	0	3km to Halifax	0.0			
FOREST HILL	3	0	8km downstream of 40716	0.0			
MACKAY NORTH	3	0	2km upstream of Mackay (33303)	0.0			
TREBONNE	3	0	9km to Ingham	0.0			
SOUTH YAAMBA	3	0	Yaamba gauge nearby	0.0			
BURNETT HEADS	3	0	13km downstream of Bundaberg (39170)	0.0			
IDERAWAY	3	0	8km downstream of 39191	0.0			
REDLYNCH	3	0	16km from Kamerunga (531048)	0.0			
CARAVONICA/LAKE PLACIE	3	0	1km to Kamerunga (31170)	0.0			
URANDANGI	3	0	Nothing nearby	0.0			
FLYING FISH POINT	2	0	4km from 32145	0.0			
FRESHWATER CREEK	2	0	3km from Kamerunga (531048)	0.0			
DARADGEE	2	0	3km downstream of 532023	0.0			
GLAMORGAN VALE	2	0	6km from 530183	0.0			
BARRON RIVER DELTA	2	0	2km from 531049	0.0			
BEMERSIDE	2	0	7km from Halifax gauge	0.0			
BIVOUAC JUNCTION	1	0	4km upstream of 34085	0.0			

Notes:

(a) Flood hazard score: 1 lowest, 4 highest

(b) Proximity to existing forecast location:

- 0 Existing forecast location close, additional forecast location not required
- 1 Downstream of existing forecast location, additional forecast location may be warranted
- 2 Upstream of existing forecast location, additional forecast location may be warranted
- 3 Nothing nearby suitable, forecast location may be warranted

(c) Priority: 1.1 lowest, 4.3 highest