

24001 – MAIGUE AT CROOM

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953	N/A	26/02/1954
1954	N/A	01/01/1955
1955	N/A	27/09/1956
1956	N/A	01/01/1957
1957	N/A	11/02/1958
1958	N/A	20/12/1958
1959	N/A	08/12/1959
1960	N/A	04/12/1960
1961	N/A	16/01/1962
1962	N/A	09/02/1963
1963	N/A	19/03/1964
1964	N/A	13/12/1964
1965	N/A	10/12/1965
1966	N/A	23/02/1967
1967	N/A	17/10/1967
1968	N/A	10/01/1969
1969	N/A	17/02/1970
1970	N/A	29/11/1970
1971	N/A	04/02/1972
1972	N/A	06/12/1972
1973	N/A	01/12/1973
1974	N/A	25/01/1975
1975	N/A	30/01/1976
1976	N/A	23/12/1976
1977	61.8	04/02/1978
1978	109.3	08/12/1978
1979	114.6	26/12/1979
1980	140.8	02/11/1980
1981	105.0	14/07/1982
1982	176.2	08/11/1982
1983	192.5	16/12/1983
1984	121.3	14/08/1985
1985	190.9	06/08/1986
1986	173.1	08/12/1986
1987	178.2	01/02/1988
1988	213.7	21/10/1988
1989	171.6	06/02/1990
1990	109.3	28/12/1990
1991	106.6	25/11/1991
1992	105.2	30/09/1993
1993	130.7	15/01/1994
1994	161.2	09/03/1995
1995	130.7	07/01/1996
1996	151.8	05/08/1997
1997	132.2	17/10/1997
1998	163.6	30/12/1998
1999	106.6	25/12/1999
2000	148.0	06/11/2000
2001	109.3	23/01/2002
2002	95.8	27/11/2002
2003	91.8	14/11/2003
2004	107.9	29/10/2004
2005	108.6	21/05/2006
2006	99.1	03/12/2006
2007	107.9	10/01/2008
2008	118.4	10/01/2008
2009	112.1	19/11/2009

Length of AMAX series: 33 years

NB: 1989 higher level than 1988

Gauging Authority: Office of Public Works

Easting: 151274

Northing: 141001

Catchment: Maigne

Telemetry: Yes

Station Type: Recorder

Catchment Area: 770.20 km²

QMED (gauged): 118.44 m³/s

AREA (FSU): 770.23 km²

QMED (FSU): 111.96 m³/s

SAAR (FSU): 941.30

QMED (predicted): 120.08 m³/s

FARL (FSU): 1.00

BFIsoils (FSU): 0.53

S1085: 1.97

URBEXT: 0.66

ARTDRAIN2: 51.00

DRAIN2: 1.10

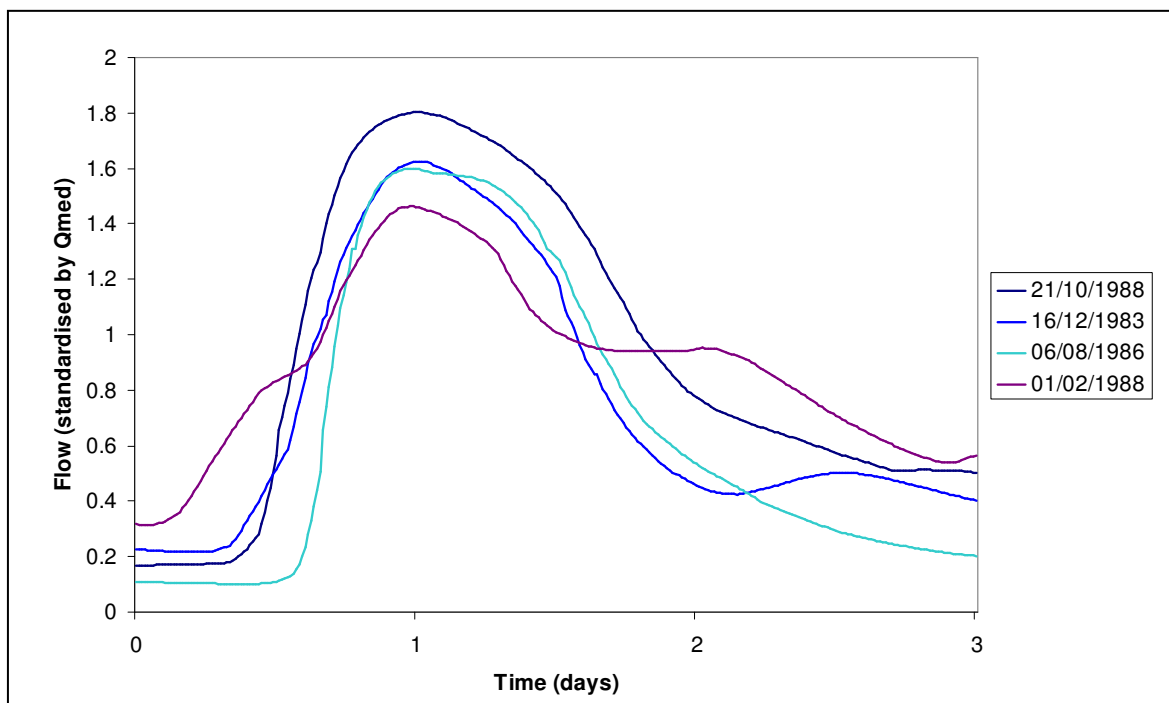
Comments: Automated velocity- area station installed in 1953. Natural channel with a gravel shoal as low flow control. Considerable scatter at low end due to unstable control.

Nearby APSRs: To be confirmed

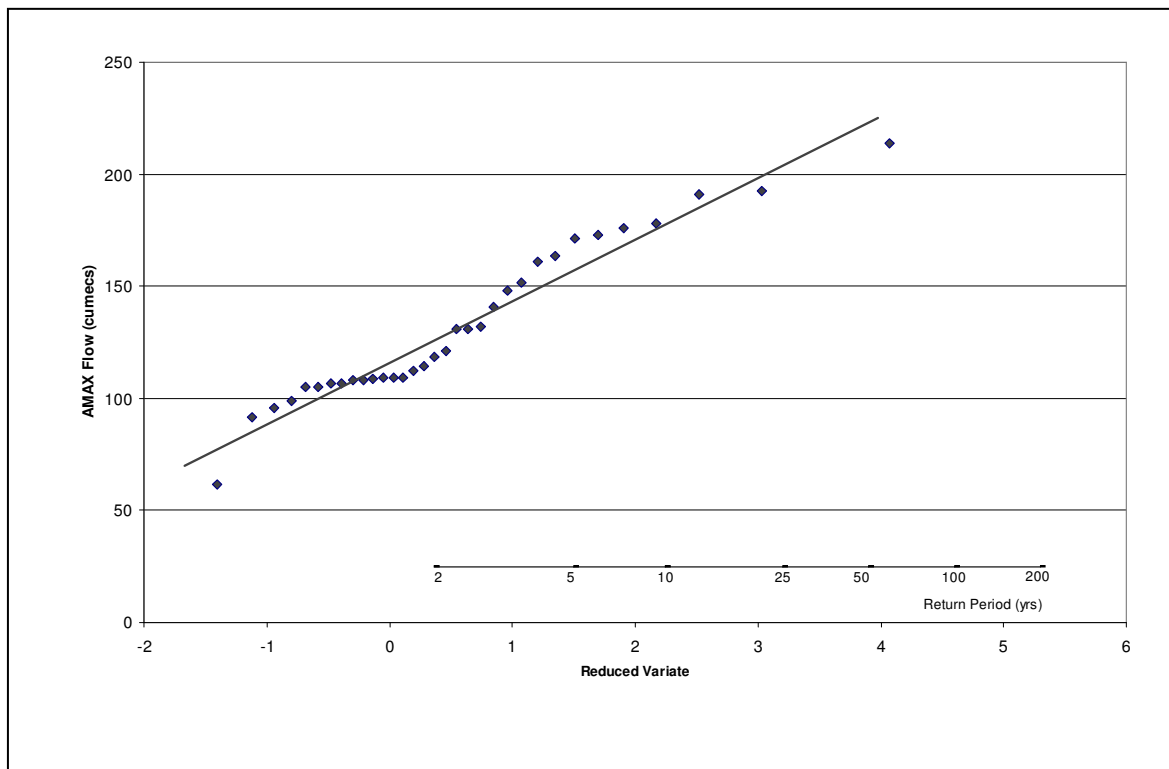
Jacobs Rating Review required: YES

OPW Station Classification: A2

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24002 – CAMOGE AT GRAY'S BR.

Annual Maxima Series (Source: OPW)

Hydrological Year	Level (mOD)	Date
1946		
1947		
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1961		
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1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972	49.5	07/12/1972
1973	49.9	03/12/1973
1974	49.5	27/01/1975
1975	49.4	01/02/1976
1976	49.3	19/02/1977
1977	N/A	N/A
1978	48.7	11/12/1978
1979	48.6	07/08/1980
1980	49.0	27/05/1981
1981	49.1	14/07/1982
1982	49.3	08/11/1982
1983	49.3	06/02/1984
1984	49.1	01/12/1984
1985	49.0	06/08/1986
1986	49.1	09/12/1986
1987	49.2	01/02/1988
1988	49.3	12/10/1988
1989	49.6	07/02/1990
1990	48.9	29/12/1990
1991	48.9	26/11/1991
1992	48.9	14/01/1993
1993	49.1	17/12/1993
1994	49.4	23/02/1995
1995	49.3	11/02/1996
1996	49.0	07/08/1997
1997	49.1	19/11/1997
1998	49.0	17/11/1998
1999	49.2	26/12/1999
2000	49.4	07/11/2000
2001	49.2	26/02/2002
2002	49.0	28/11/2002
2003	48.9	15/11/2003
2004	49.2	08/01/2005
2005	49.0	13/01/2006
2006	49.1	08/12/2006
2007	49.1	11/01/2008
2008	49.3	01/02/2009
2009	49.1	21/11/2009

Length of AMAX series: 37 years

Gauging Authority: Office of Public Works

Easting: 157932

Northing: 140276

Catchment: Maigne

Telemetry: Yes

Station Type: Recorder

Catchment Area: 243.60 km²

QMED (gauged): N/A m³/s

AREA (FSU): 229.40 km²

QMED (FSU): 23.49 m³/s

SAAR (FSU): 917.14

QMED (predicted): 34.10 m³/s

FARL (FSU): 1.00

BFIsoils (FSU): 0.59

S1085: 1.68

URBEXT: 0.43

ARTDRAIN2: 60.00

DRAIN2: 1.14

Comments:

Nearby APSRs: To be confirmed

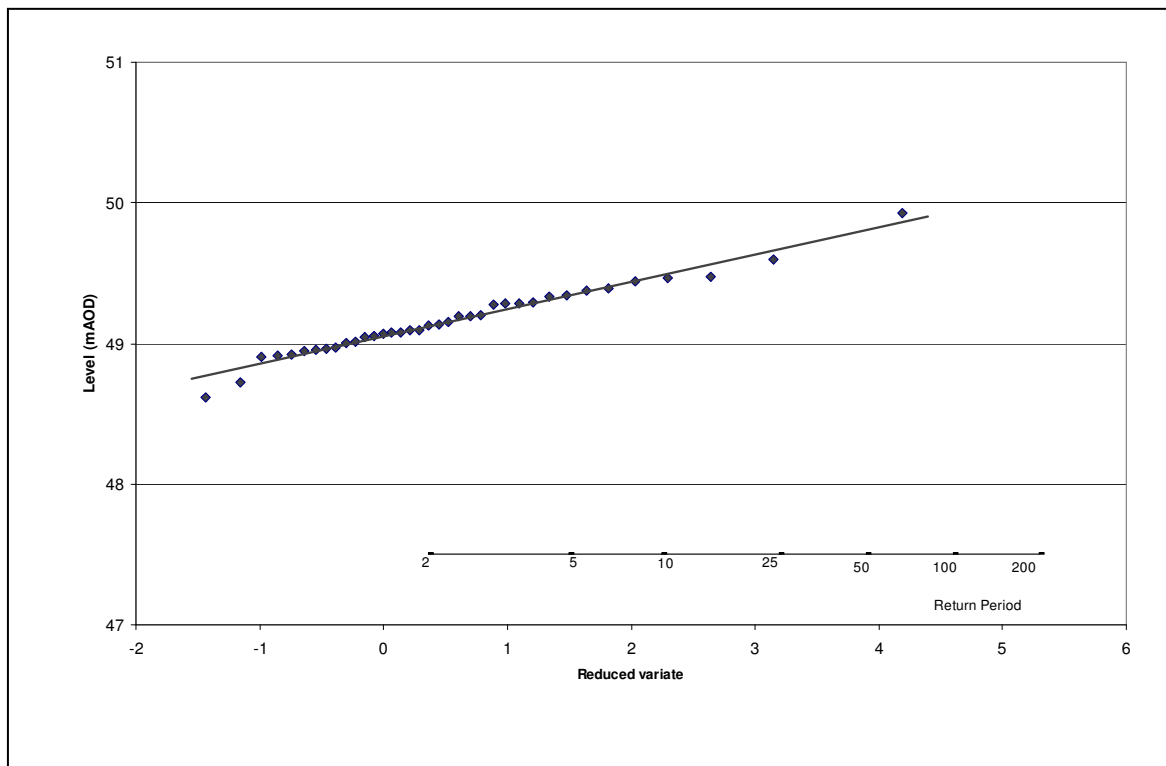
Jacobs Rating Review required: No

OPW Station Classification: B

Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)



24003 – LOOBAGH AT GARROOSE

Annual Maxima Series (Source: OPW)

Hydrological Year	Level (mOD)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
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1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980	60.3	27/05/1981
1981	59.9	14/07/1982
1982	59.3	08/11/1982
1983	60.2	16/12/1983
1984	59.2	14/08/1985
1985	60.3	06/08/1986
1986	59.6	08/12/1986
1987	59.8	02/02/1988
1988	60.5	22/10/1988
1989	60.5	06/02/1990
1990	59.6	28/12/1990
1991	59.7	25/11/1991
1992	59.8	30/09/1993
1993	60.0	17/01/1994
1994	59.9	17/01/1995
1995	60.1	06/01/1996
1996	60.5	05/08/1997
1997	60.1	17/11/1997
1998	60.5	29/12/1998
1999	59.7	18/12/1999
2000	60.5	06/11/2000
2001	60.0	23/01/2002
2002	60.2	21/11/2002
2003	59.9	14/11/2003
2004	60.5	28/11/2004
2005	59.9	02/12/2005
2006	59.7	03/12/2006
2007	60.3	10/10/2008
2008	60.2	31/01/2009
2009	60.3	01/11/2009

Length of AMAX series: 30 years

Gauging Authority: Office of Public Works

Easting: 155008

Northing: 127458

Catchment:

Telemetry: Yes

Station Type: Recorder

Catchment Area: 129.20 km²

QMED (gauged): N/A m³/s

AREA (FSU): N/A km²

QMED (FSU): N/A m³/s

SAAR (FSU): N/A

QMED (predicted): N/A m³/s

FARL (FSU): N/A

BFIsoils (FSU): N/A

S1085: N/A

URBEXT: N/A

ARTDRAIN2: N/A

DRAIN2: N/A

Comments:

Nearby APSRs: To be confirmed

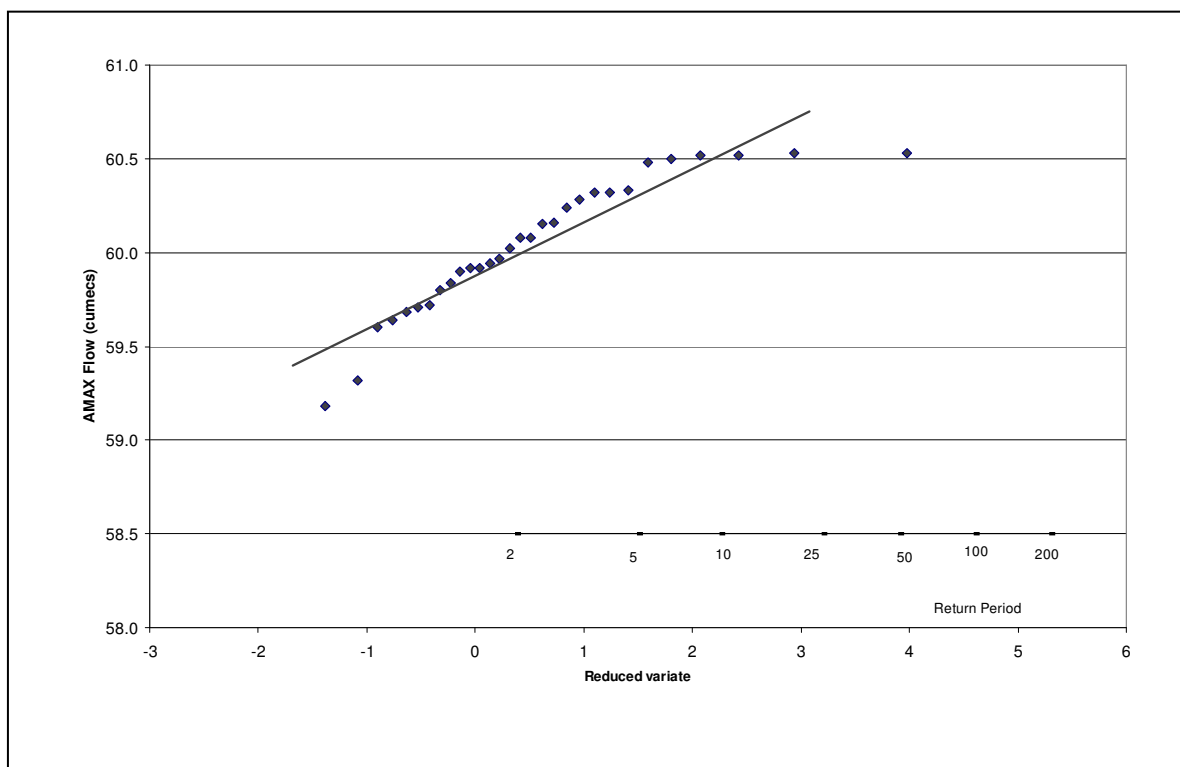
Jacobs Rating Review required: YES

OPW Station Classification: None

Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)



24004 – MAIGUE AT BRUREE

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953	38.9	25/01/1954
1954	33.8	01/01/1955
1955	49.1	26/09/1956
1956	43.1	01/01/1957
1957	36.3	03/08/1958
1958	41.0	19/12/1958
1959	41.7	08/12/1959
1960	49.8	04/12/1960
1961	39.6	15/03/1962
1962	30.2	08/03/1963
1963	37.6	19/03/1964
1964	62.4	13/12/1964
1965	68.9	17/11/1965
1966	41.0	23/02/1967
1967	29.0	17/10/1967
1968	99.7	10/01/1969
1969	29.0	20/01/1970
1970	31.6	19/11/1970
1971	30.5	15/01/1972
1972	32.2	17/02/1973
1973	67.4	01/12/1973
1974	32.8	25/01/1975
1975	42.0	30/01/1976
1976	27.7	23/12/1976
1977	21.6	21/04/1978
1978	55.5	08/12/1978
1979	52.6	25/10/1979
1980	53.4	03/11/1980
1981	36.6	21/02/1982
1982	61.1	08/11/1982
1983	99.7	16/12/1983
1984	47.9	14/08/1985
1985	91.7	06/08/1986
1986	67.4	08/12/1986
1987	67.0	01/02/1988
1988	98.0	22/10/1988
1989	104.6	06/02/1990
1990	50.6	28/12/1990
1991	48.7	25/11/1991
1992	45.7	30/09/1993
1993	63.3	15/01/1994
1994	84.0	10/03/1995
1995	61.5	10/02/1996
1996	78.2	05/08/1997
1997	65.1	18/11/1997
1998	98.6	30/12/1998
1999	50.6	27/12/1999
2000	84.0	06/11/2000
2001	58.0	23/01/2002
2002	58.0	27/11/2002
2003	53.4	14/11/2003
2004	60.6	29/10/2004
2005	61.5	21/05/2006
2006	55.5	03/12/2006
2007	62.4	10/01/2008
2008	59.8	31/01/2009
2009	62.3	19/11/2009

Length of AMAX series: 57 years

1959, 1960, 1963, 1964, 1967 -gauge readers (rather than staff gauge) checked

Gauging Authority: Office of Public Works

Easting: 155078

Northing: 130369

Catchment: Maigue

Telemetry: Yes

Station Type: Recorder

Catchment Area: 242.10 km²

QMED (gauged): 53.44 m³/s

AREA (FSU): 242.13 km²

QMED (FSU): 50.63 m³/s

SAAR (FSU): 974.53

QMED (predicted): 45.80 m³/s

FARL (FSU): 1.00

BFIsoils (FSU): 0.52

S1085: 3.31

URBEXT: 1.33

ARTDRAIN2: 34.00

DRAIN2: 1.16

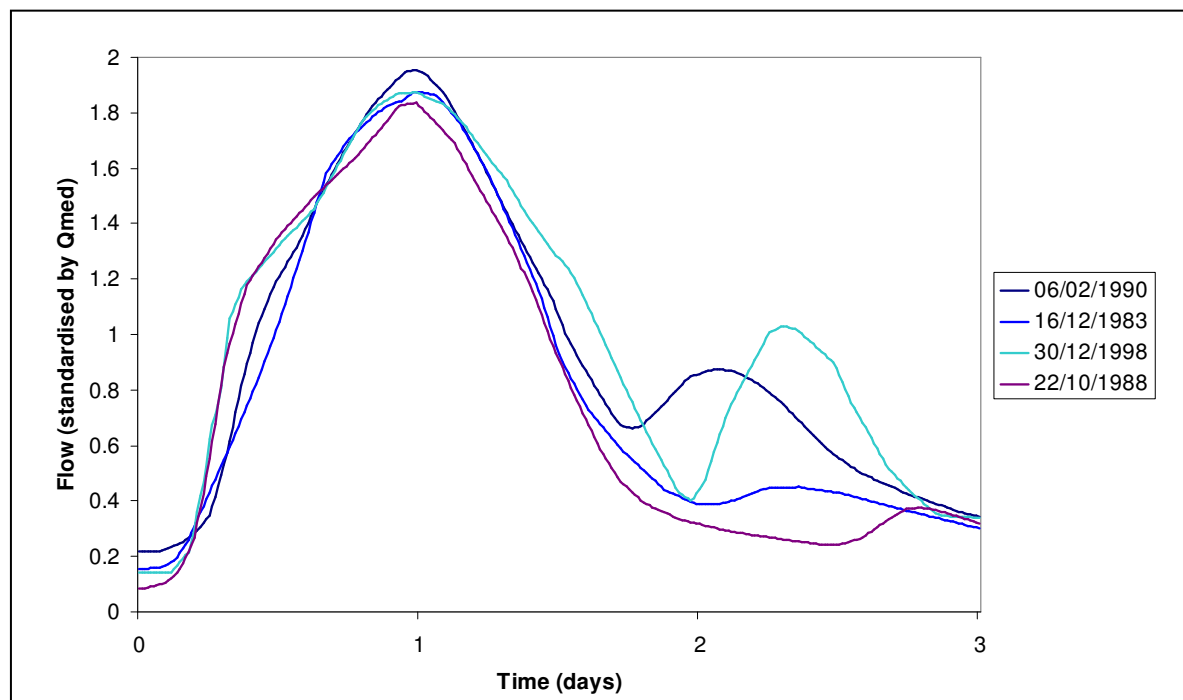
Comments: Automated velocity- area station installed in 1953. Natural channel with a gravel shoal as low flow control. Considerable scatter at low end due to unstable control.

Nearby APSRs: To be confirmed

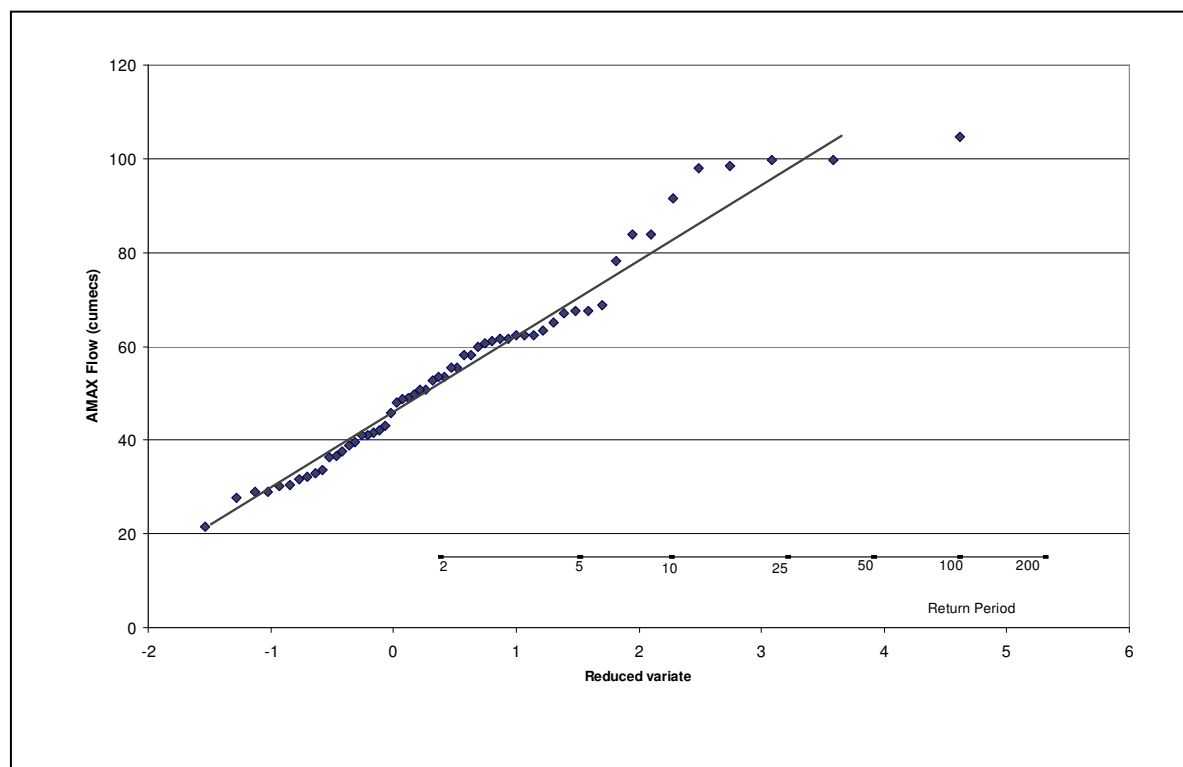
Jacobs Rating Review required: No

OPW Station Classification: B

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24005 – MORNINGSTAR AT ATHLACCA

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953	20.0	27/02/1954
1954	18.8	01/01/1955
1955	14.0	25/03/1956
1956	18.8	01/01/1957
1957	16.5	03/09/1958
1958	17.6	19/12/1958
1959	17.3	07/12/1959
1960	21.0	04/12/1960
1961	13.9	16/03/1962
1962	16.6	09/02/1963
1963	23.7	20/03/1964
1964	25.1	17/01/1965
1965	24.8	10/12/1965
1966	25.4	23/02/1967
1967	19.1	18/10/1967
1968	28.8	15/12/1968
1969	21.4	20/01/1970
1970		
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2001		
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2004		
2005		
2006		
2007		
2008		
2009		

Length of AMAX series: 17 years

Drainage scheme 1973 to 1980

Gauging Authority: Office of Public Works

Easting: 155782

Northing: 134290

Catchment:

Telemetry: Yes

Station Type: Recorder

Catchment Area: 131.90 km²

QMED (gauged): 19.11 m³/s

AREA (FSU): N/A km²

QMED (FSU): N/A m³/s

SAAR (FSU): N/A

QMED (predicted): N/A m³/s

FARL (FSU): N/A

BFIsoils (FSU): N/A

S1085: N/A

URBEXT: N/A

ARTDRAIN2: N/A

DRAIND: N/A

Comments:

Nearby APSRs: To be confirmed

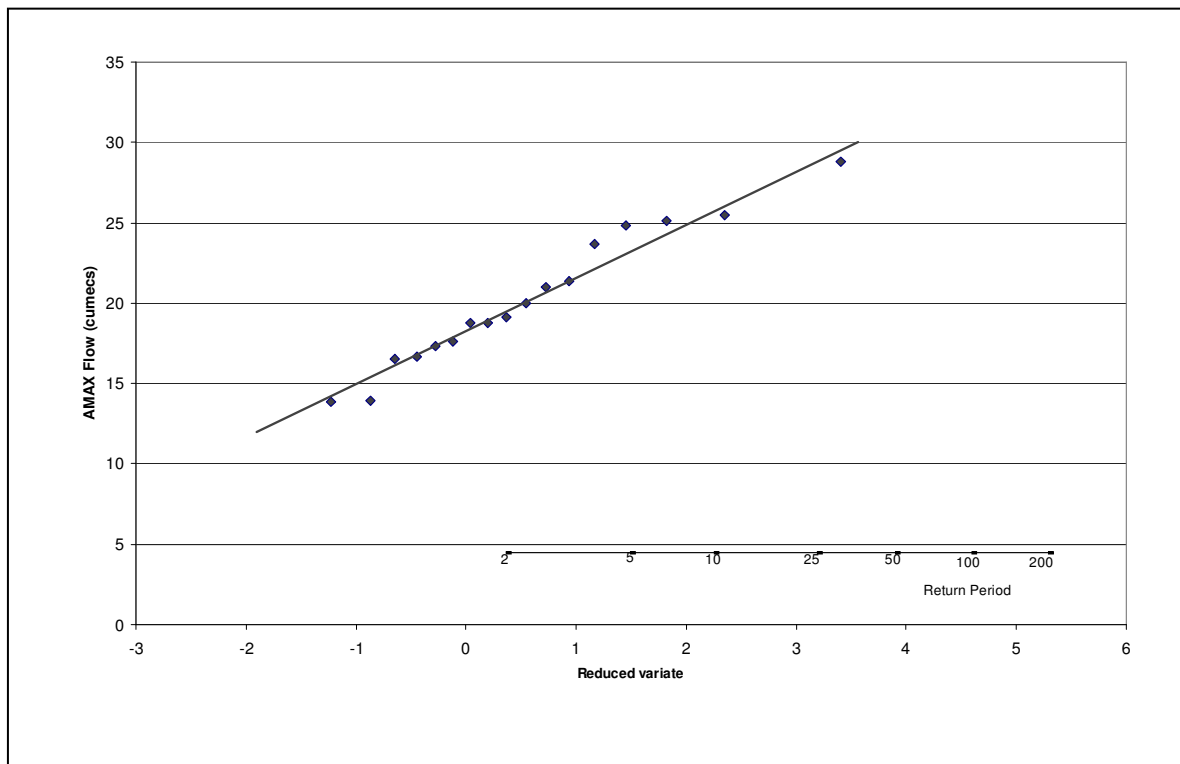
Jacobs Rating Review required: No

OPW Station Classification: None

Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)



24006 – MAIGUE AT CREGGANE

Annual Maxima Series (Source: OPW)

Hydrological Year	Level (mOD)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980		
1981		
1982		
1983		
1984		
1985		
1986		
1987		
1988		
1989		
1990		
1991		
1992		
1993		
1994		
1995		
1996		
1997		
1998	60.2	30/12/1998
1999	59.7	22/12/1999
2000	60.2	06/11/2000
2001	59.8	23/01/2002
2002	59.8	27/11/2002
2003	59.7	14/11/2003
2004	60.2	28/10/2004
2005	59.8	22/05/2006
2006	59.6	03/12/2006
2007	60.0	10/01/2008
2008	59.8	31/01/2009
2009	60.0	20/11/2009

Length of AMAX series: 12 years

Gauging Authority: Office of Public Works

Easting: 153408	Northing: 127284
Catchment:	Telemetry: Yes
Station Type: Recorder	Catchment Area: 83.10 km ²

QMED (gauged): N/A m ³ /s	AREA (FSU): N/A km ²
QMED (FSU): N/A m ³ /s	SAAR (FSU): N/A
QMED (predicted): N/A m ³ /s	FARL (FSU): N/A
BFIsoils (FSU): N/A	S1085: N/A
URBEXT: N/A	ARTDRAIN2: N/A
DRAIN2: N/A	

Comments:

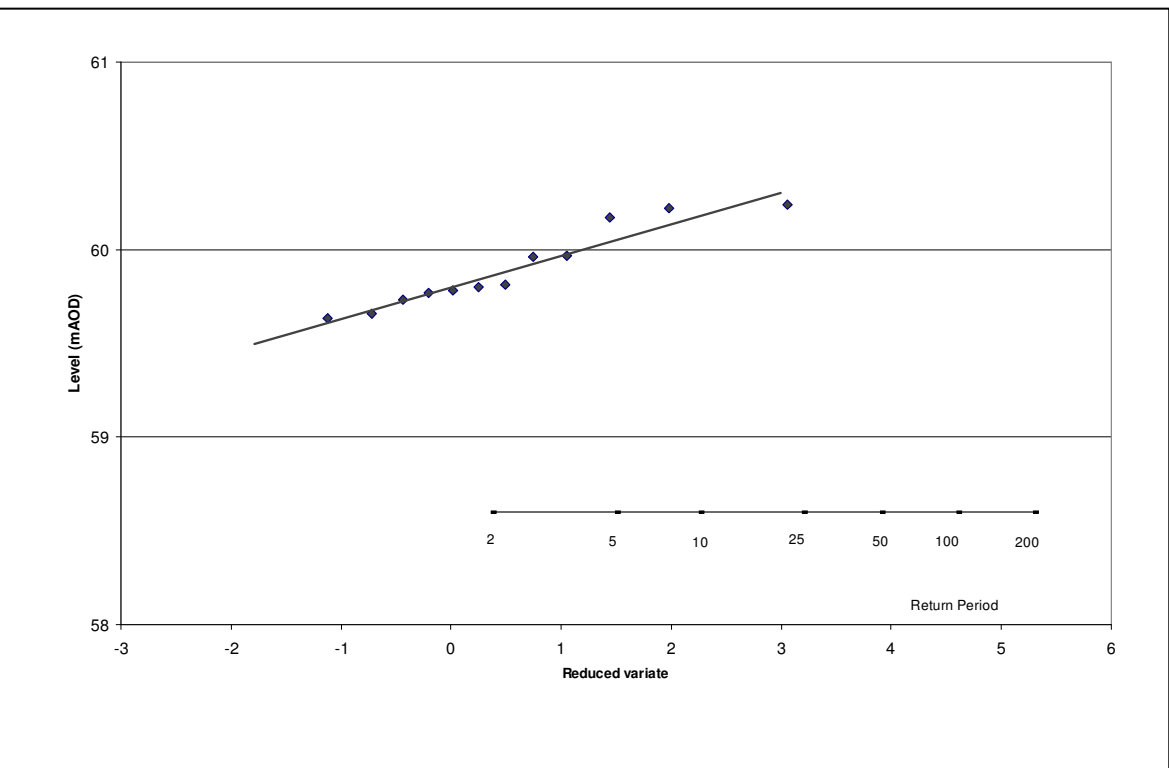
Nearby APSRs: To be confirmed

Jacobs Rating Review required: YES	OPW Station Classification: None
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Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)



24008 – MAIGUE AT CASTLEROBERTS

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975	N/A	30/01/1976
1976	N/A	12/10/1976
1977	53.9	04/02/1978
1978	86.3	08/12/1978
1979	96.9	27/12/1979
1980	109.2	02/11/1980
1981	81.1	14/07/1982
1982	133.1	08/11/1982
1983	160.1	16/12/1983
1984	86.3	14/08/1985
1985	148.3	06/08/1986
1986	130.6	08/12/1986
1987	131.8	01/02/1988
1988	162.8	21/10/1988
1989	194.9	06/02/1990
1990	93.7	28/12/1990
1991	94.8	25/11/1991
1992	83.2	13/01/1993
1993	123.3	15/01/1994
1994	164.1	10/03/1995
1995	117.4	07/01/1996
1996	144.4	05/08/1997
1997	118.5	04/01/1998
1998	165.5	30/12/1998
1999	109.2	25/12/1999
2000	156.1	06/11/2000
2001	112.7	23/01/2002
2002	96.9	27/11/2002
2003	92.1	14/11/2003
2004	130.0	29/10/2004
2005	108.1	22/05/2006
2006	105.8	03/12/2006
2007	140.6	10/01/2008
2008	134.8	31/01/2009
2009	122.3	19/11/2009

Length of AMAX series: 33 years

Gauging Authority: Office of Public Works

Easting: 148000	Northing: 143779
Catchment: Maigue	Telemetry: Yes
Station Type: Recorder	Catchment Area: 806.00 km ²

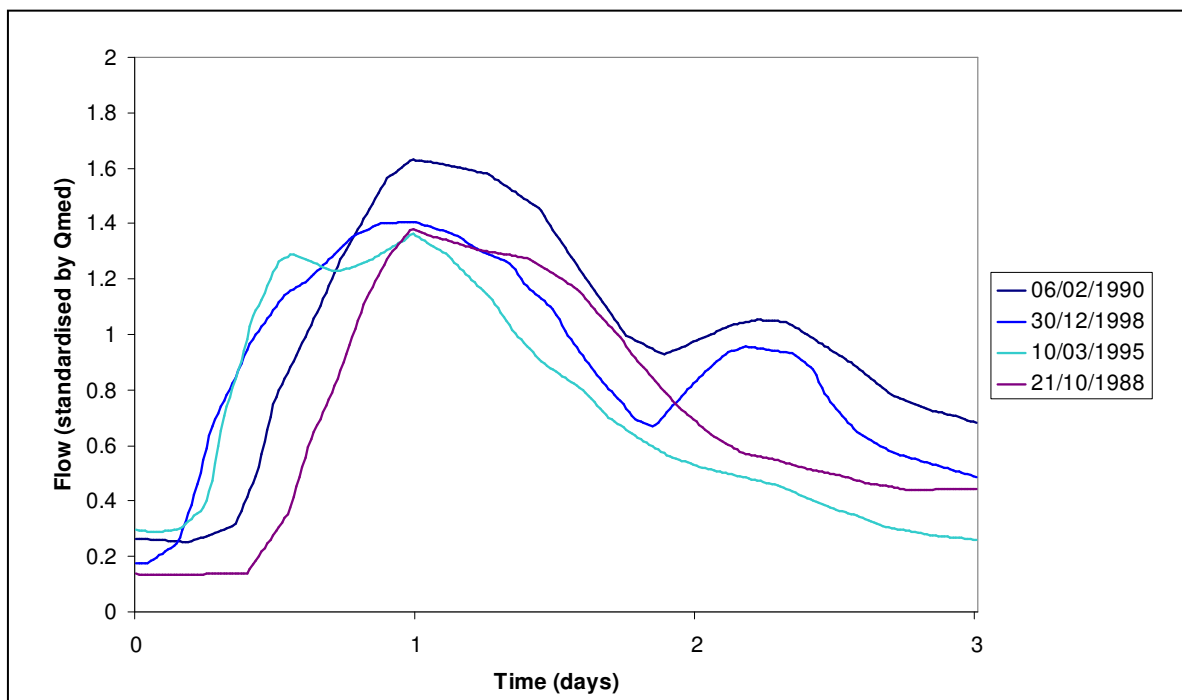
QMED (gauged): 118.53 m ³ /s	AREA (FSU): 806.04 km ²
QMED (FSU): 119.13 m ³ /s	SAAR (FSU): 939.47
QMED (predicted): 121.69 m ³ /s	FARL (FSU): 1.00
BFIsoils (FSU): 0.55	S1085: 2.14
URBEXT: 0.69	ARTDRAIN2: 52.00
DRAIN2: 1.08	

Comments: Automated velocity-area station installed and automated in 1973. Stable mud bed. Natural channel with none standard weir control. Seasonal weed growth.

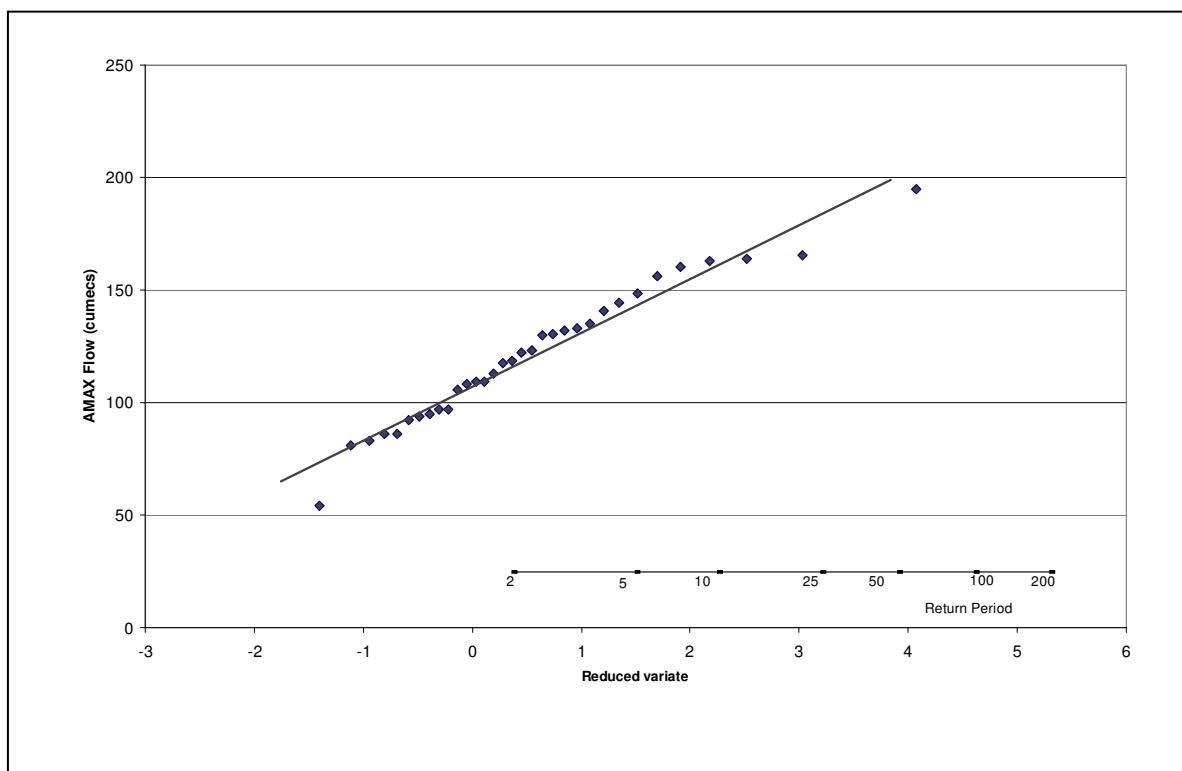
Nearby APSRs: To be confirmed

Jacobs Rating Review required: YES **OPW Station Classification:** A2

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24009 – MAIGUE AT ADARE MANOR

Annual Maxima Series (Source: OPW)

Hydrological Year	Level (mOD)	Date
1946		
1947		
1948		
1949		
1950		
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1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973	7.4	01/12/1973
1974	6.8	15/01/1975
1975	6.9	30/01/1976
1976	N/A	N/A
1977	6.3	11/01/1978
1978	6.3	01/02/1979
1979	6.5	21/01/1980
1980	6.5	22/10/1980
1981	6.8	14/12/1981
1982	6.7	03/02/1983
1983	7.1	16/12/1983
1984	6.7	23/11/1984
1985	6.9	06/08/1986
1986	6.7	01/01/1987
1987	6.8	19/01/1988
1988	7.1	11/10/1988
1989	7.5	06/02/1990
1990	6.9	05/01/1991
1991	6.8	25/11/1991
1992	6.8	22/10/1992
1993	6.7	27/02/1994
1994	6.9	10/03/1995
1995	6.9	07/01/1996
1996	6.7	28/10/1996
1997	7.0	18/10/1997
1998	7.2	30/12/1998
1999	7.1	25/12/1999
2000	6.6	06/11/2000
2001	7.0	01/02/2002
2002	6.6	01/12/2002
2003	6.2	11/03/2004
2004	6.9	08/01/2005
2005	6.5	30/03/2006
2006	7.0	20/02/2006
2007	6.8	10/01/2008
2008	6.6	31/01/2009
2009	6.8	30/03/2010

Length of AMAX series: 36 years

2005 - record not complete due to recorder malfunction.

Gauging Authority: Office of Public Works

Easting: 147355

Northing: 146220

Catchment:

Telemetry: Yes

Station Type: Recorder

Catchment Area: 839.40 km²

QMED (gauged): N/A m³/s

AREA (FSU): N/A km²

QMED (FSU): N/A m³/s

SAAR (FSU): N/A

QMED (predicted): N/A m³/s

FARL (FSU): N/A

BFIsoils (FSU): N/A

S1085: N/A

URBEXT: N/A

ARTDRAIN2: N/A

DRAIN2: N/A

Comments:

Nearby APSRs: To be confirmed

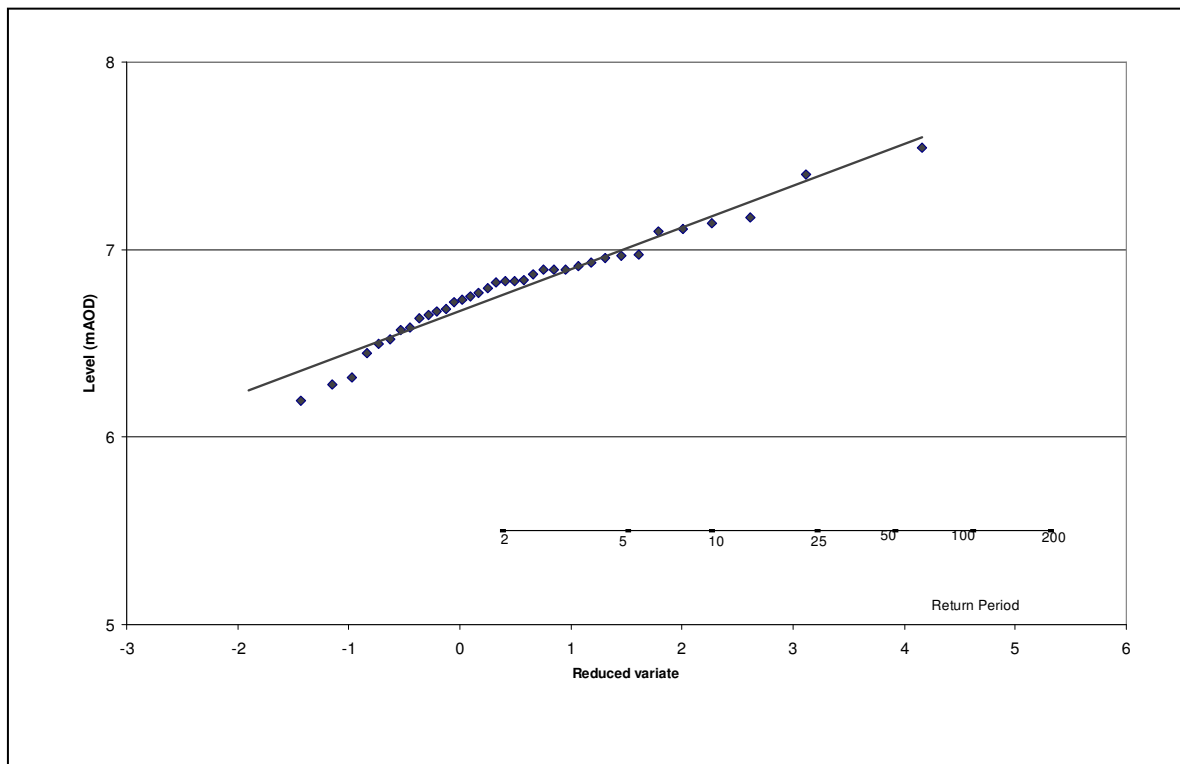
Jacobs Rating Review required: No

OPW Station Classification: None

Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)



24011 – DEEL AT DEEL BR.

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
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1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972	104.9	23/05/1973
1973	171.7	01/12/1973
1974	88.3	20/01/1975
1975	96.5	29/01/1976
1976	55.5	17/03/1977
1977	96.5	20/04/1978
1978	103.6	07/12/1978
1979	96.3	24/10/1979
1980	124.7	02/11/1980
1981	71.4	13/12/1981
1982	114.2	31/01/1983
1983	109.1	16/12/1983
1984	67.1	14/08/1985
1985	127.6	06/08/1986
1986	81.1	08/12/1986
1987	103.6	01/02/1988
1988	126.6	11/10/1988
1989	108.2	06/02/1990
1990	82.8	28/12/1990
1991	89.8	21/12/1991
1992	61.2	13/01/1993
1993	114.9	15/01/1994
1994	130.5	25/01/1995
1995	103.6	09/02/1996
1996	78.4	04/08/1997
1997	70.3	04/01/1998
1998	89.2	29/12/1998
1999	75.4	24/12/1999
2000	79.4	26/11/2000
2001	75.4	23/01/2002
2002	64.6	21/10/2002
2003	81.0	14/11/2003
2004	85.6	08/01/2005
2005	76.1	21/05/2006
2006	63.1	03/12/2006
2007	115.4	01/08/2008
2008	77.7	04/12/2008
2009	77.7	19/11/2009

Length of AMAX series: 38 years

Gauging Authority: Office of Public Works

Easting: 129938

Northing: 132738

Catchment: Mague

Telemetry: Yes

Station Type: Recorder

Catchment Area: 281.20 km²

QMED (gauged): 88.74 m³/s

AREA (FSU): 281.23 km²

QMED (FSU): 100.88 m³/s

SAAR (FSU): 1058.19

QMED (predicted): 58.36 m³/s

FARL (FSU): 1.00

BFIsoils (FSU): 0.49

S1085: 2.31

URBEXT: 1.22

ARTDRAIN2: 42.00

DRAININD: 1.09

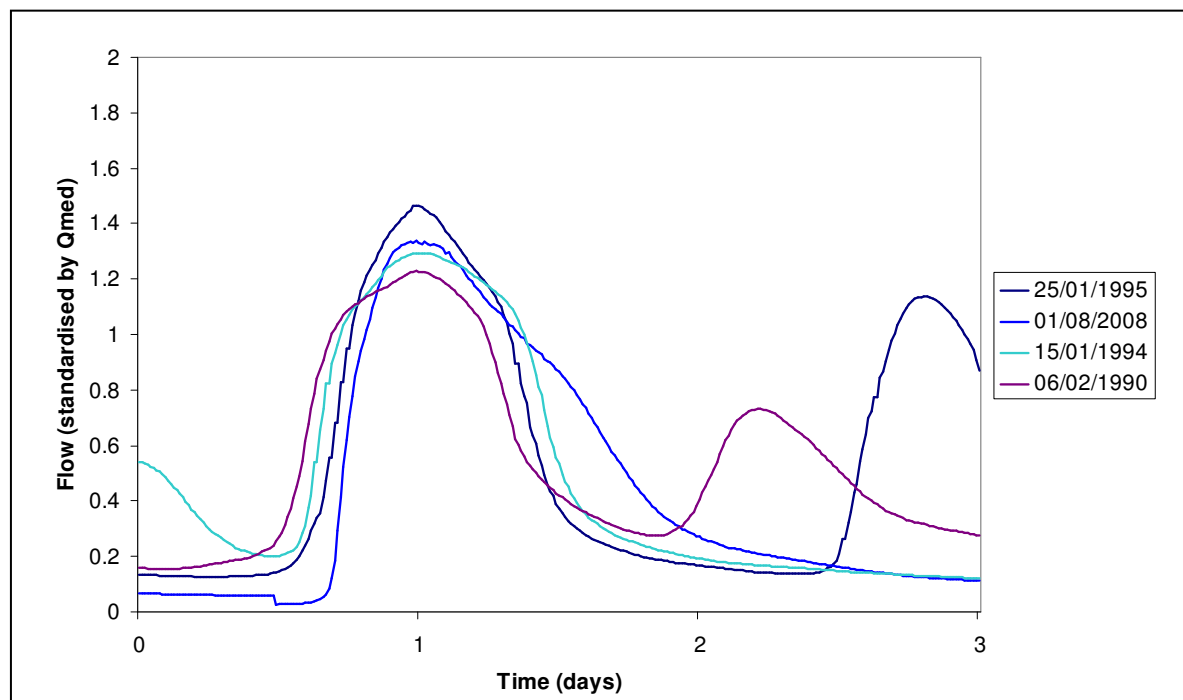
Comments: Automated velocity- area station installed in 1940. Natural channel with a bridge which acts as flow control. Unstable gravel bed. Drainage 62-68.

Nearby APSRs: To be confirmed

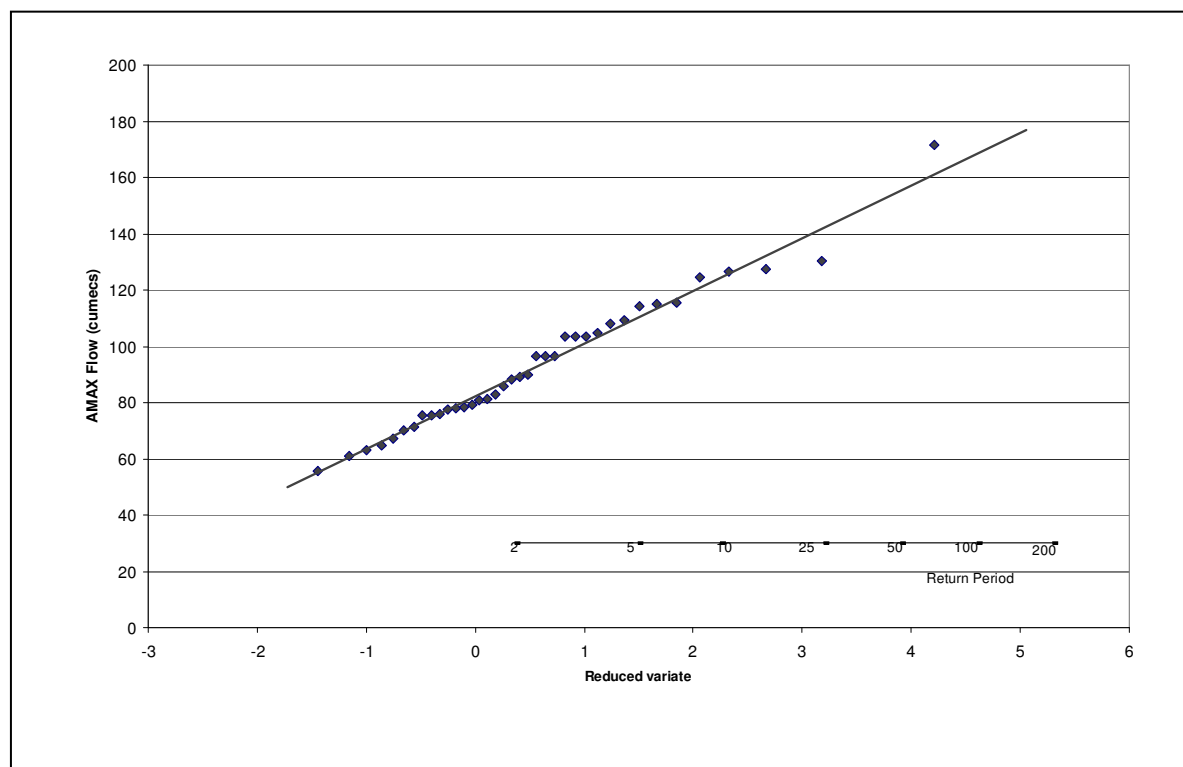
Jacobs Rating Review required: YES

OPW Station Classification: B

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24012 – DEEL AT GRANGE BR.

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964	100.8	12/12/1964
1965	112.8	09/12/1965
1966	104.9	22/02/1967
1967	103.5	07/10/1967
1968	139.4	02/11/1968
1969	89.6	21/02/1970
1970	88.8	18/11/1970
1971	95.4	02/02/1972
1972	94.0	23/05/1973
1973	141.9	01/12/1973
1974	102.4	22/01/1975
1975	107.7	29/01/1976
1976	72.5	17/03/1977
1977	109.1	20/04/1978
1978	112.8	07/12/1978
1979	107.2	25/10/1979
1980	135.8	02/11/1980
1981	85.8	13/12/1981
1982	125.8	31/01/1983
1983	115.2	16/12/1983
1984	87.1	14/08/1985
1985	133.8	06/08/1986
1986	99.9	18/11/1986
1987	118.1	01/02/1988
1988	140.2	11/10/1988
1989	120.2	06/02/1990
1990	101.2	28/12/1990
1991	100.8	21/12/1991
1992	75.3	13/01/1993
1993	122.9	15/01/1994
1994	134.3	25/01/1995
1995	110.5	09/02/1996
1996	114.2	05/08/1997
1997	105.6	04/01/1998
1998	125.8	29/12/1998
1999	110.0	05/11/1999
2000	115.2	25/11/2000
2001	114.2	01/02/2002
2002	98.1	21/10/2002
2003	118.1	14/11/2003
2004	137.9	08/01/2005
2005	113.3	21/05/2006
2006	114.7	03/12/2006
2007	156.3	31/07/2008
2008	115.7	04/12/2008
2009	123.1	19/11/2009

Length of AMAX series: 46 years

1975- clock stopped on recorder - peak estimated

Gauging Authority: Office of Public Works

Easting: 130810

Northing: 135013

Catchment: Maigne

Telemetry: Yes

Station Type: Recorder

Catchment Area: 366.30 km²

QMED (gauged): 112.82 m³/s

AREA (FSU): 366.28 km²

QMED (FSU): 130.03 m³/s

SAAR (FSU): 1073.02

QMED (predicted): 80.58 m³/s

FARL (FSU): 1.00

BFIsoils (FSU): 0.47

S1085: 2.25

URBEXT: 1.59

ARTDRAIN2: 36.00

DRAIN2: 1.23

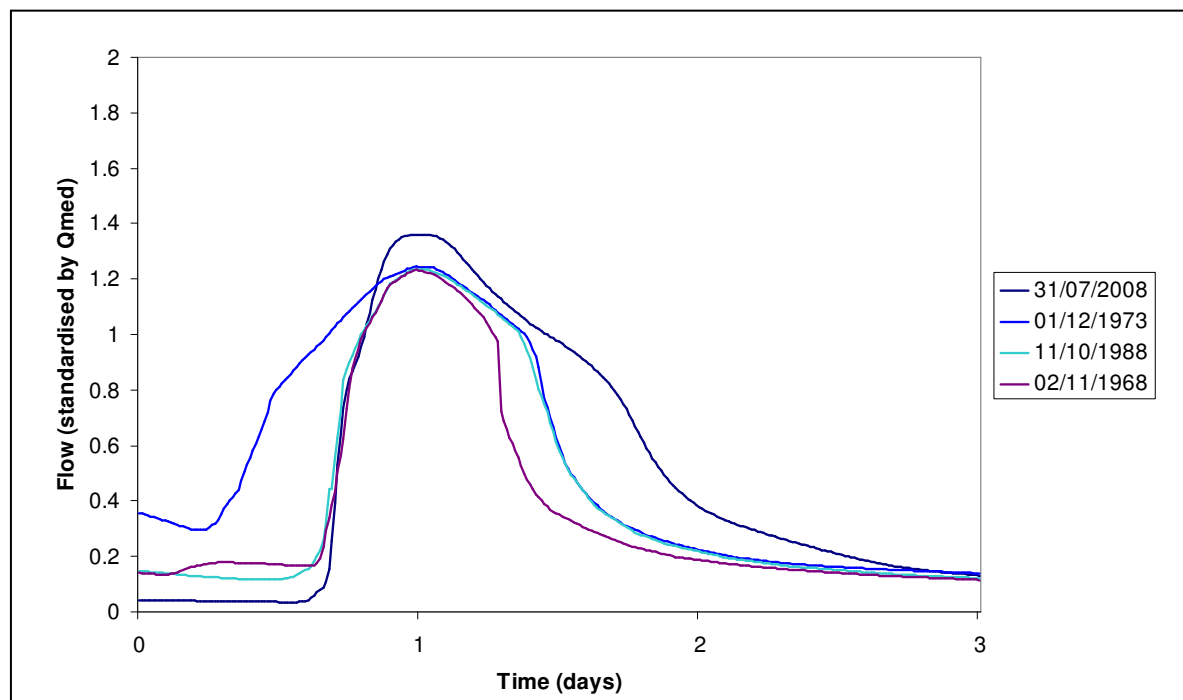
Comments: Automated velocity- area station installed in 1954. Open channel with natural control. Extensive out of bank flow at high levels.

Nearby APSRs: To be confirmed

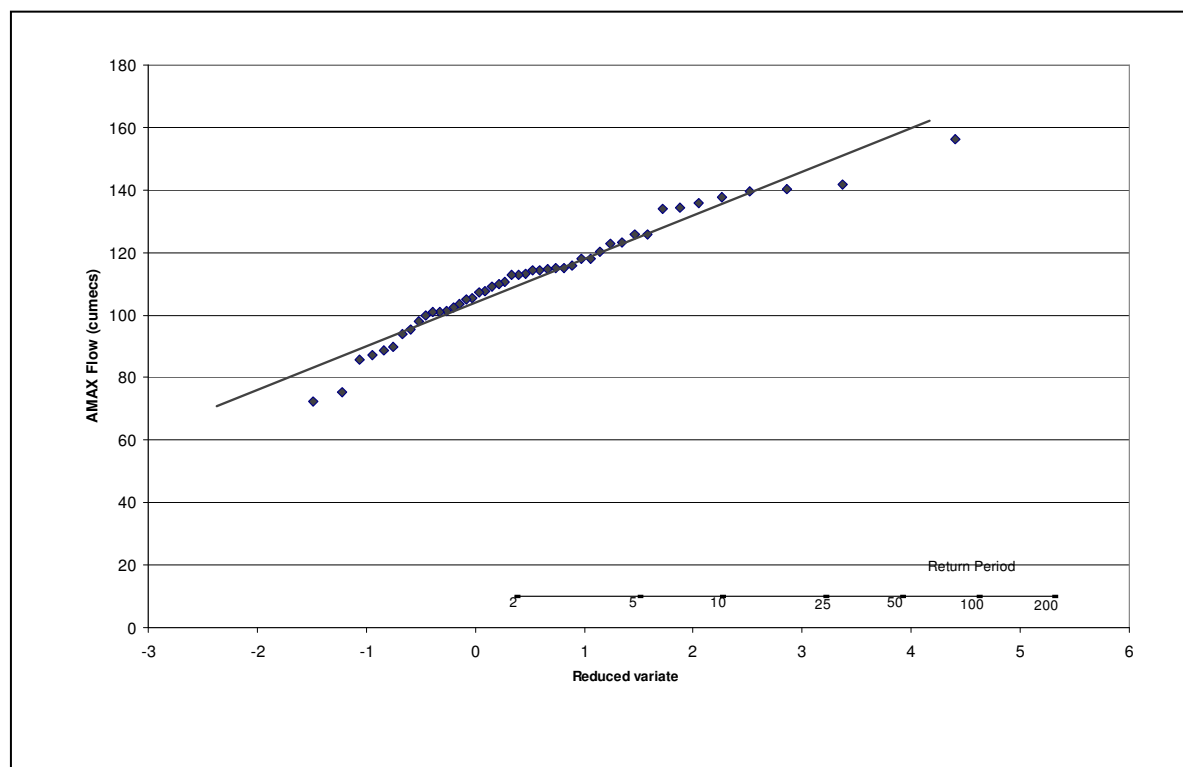
Jacobs Rating Review required: YES

OPW Station Classification: B

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24013 – DEEL AT RATHKEALE

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953	55.4	27/02/1954
1954	46.5	01/12/1954
1955	47.8	12/12/1955
1956	61.3	01/01/1957
1957	31.0	24/05/1958
1958	39.7	20/12/1958
1959	44.5	11/12/1959
1960	85.8	03/12/1960
1961	36.4	28/01/1962
1962	32.1	02/11/1962
1963	N/A	N/A
1964	N/A	N/A
1965	N/A	N/A
1966	N/A	N/A
1967	N/A	N/A
1968	N/A	N/A
1969	98.1	17/02/1970
1970	106.1	19/11/1970
1971	109.6	02/02/1972
1972	90.3	23/05/1973
1973	145.3	01/12/1973
1974	97.5	22/01/1975
1975	99.8	30/01/1976
1976	74.6	17/03/1977
1977	101.5	20/04/1978
1978	110.8	07/12/1978
1979	102.0	27/12/1979
1980	133.6	02/11/1980
1981	83.9	13/12/1981
1982	110.2	31/01/1983
1983	113.8	17/12/1983
1984	80.7	19/08/1985
1985	113.2	26/08/1986
1986	91.4	08/12/1986
1987	110.8	01/02/1988
1988	130.4	22/10/1988
1989	120.4	06/02/1990
1990	101.5	29/12/1990
1991	97.5	21/12/1991
1992	79.2	13/01/1993
1993	122.3	15/01/1994
1994	130.1	26/01/1995
1995	119.8	10/02/1996
1996	116.8	05/08/1997
1997	109.3	05/01/1998
1998	137.4	30/12/1998
1999	118.6	25/12/1999
2000	122.9	06/11/2000
2001	106.7	24/01/2002
2002	92.5	02/12/2002
2003	109.6	14/11/2003
2004	110.2	08/01/2005
2005	92.0	23/05/2006
2006	86.5	04/12/2006
2007	133.6	01/08/2008
2008	99.8	04/12/2008
2009	117.8	19/11/2009

Length of AMAX series: 51 years

1987 - water level estimated

Gauging Authority: Office of Public Works

Easting: 136009	Northing: 141444
Catchment: Maigne	Telemetry: Yes
Station Type: Recorder	Catchment Area: 438.80 km ²

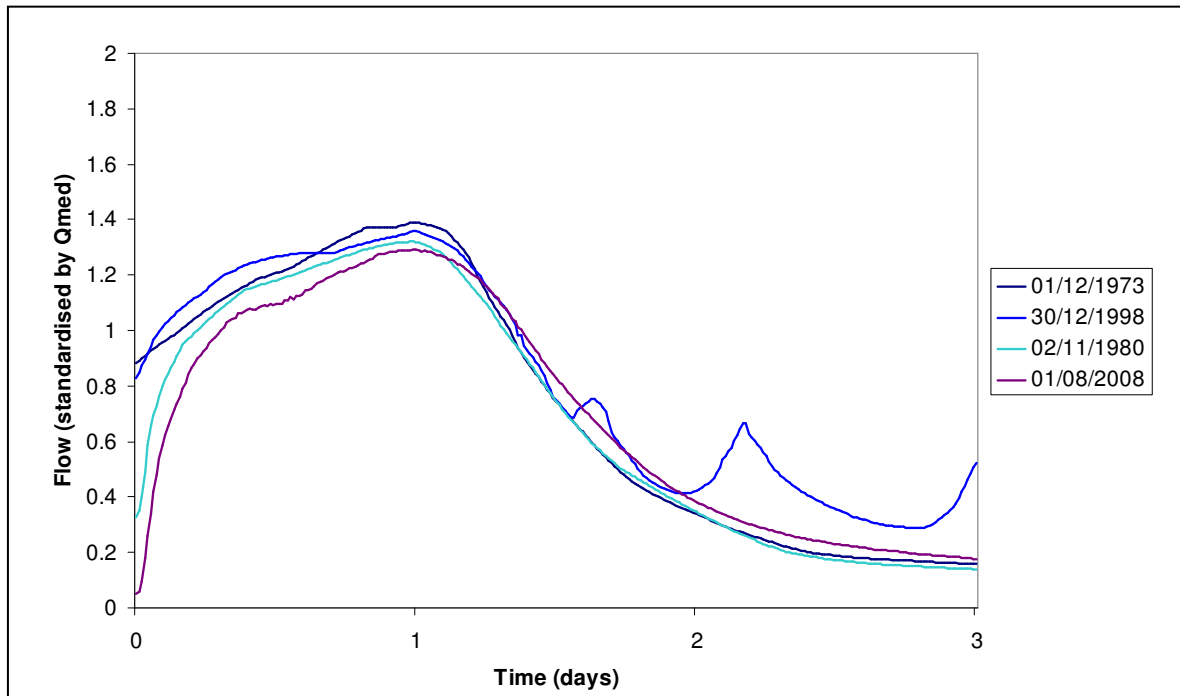
QMED (gauged): 101.47 m ³ /s	AREA (FSU): 438.79 km ²
QMED (FSU): 109.60 m ³ /s	SAAR (FSU): 1071.60
QMED (predicted): 92.38 m ³ /s	FARL (FSU): 1.00
BFIsoils (FSU): 0.47	S1085: 1.94
URBEXT: 1.60	ARTDRAIN2: 39.00
DRAIN2: 1.19	

Comments: Automated velocity-area station installed in 1940 and automated in 1953. Stable gravel bed and loose rock weir as low flow control. Natural channel control for higher flows.

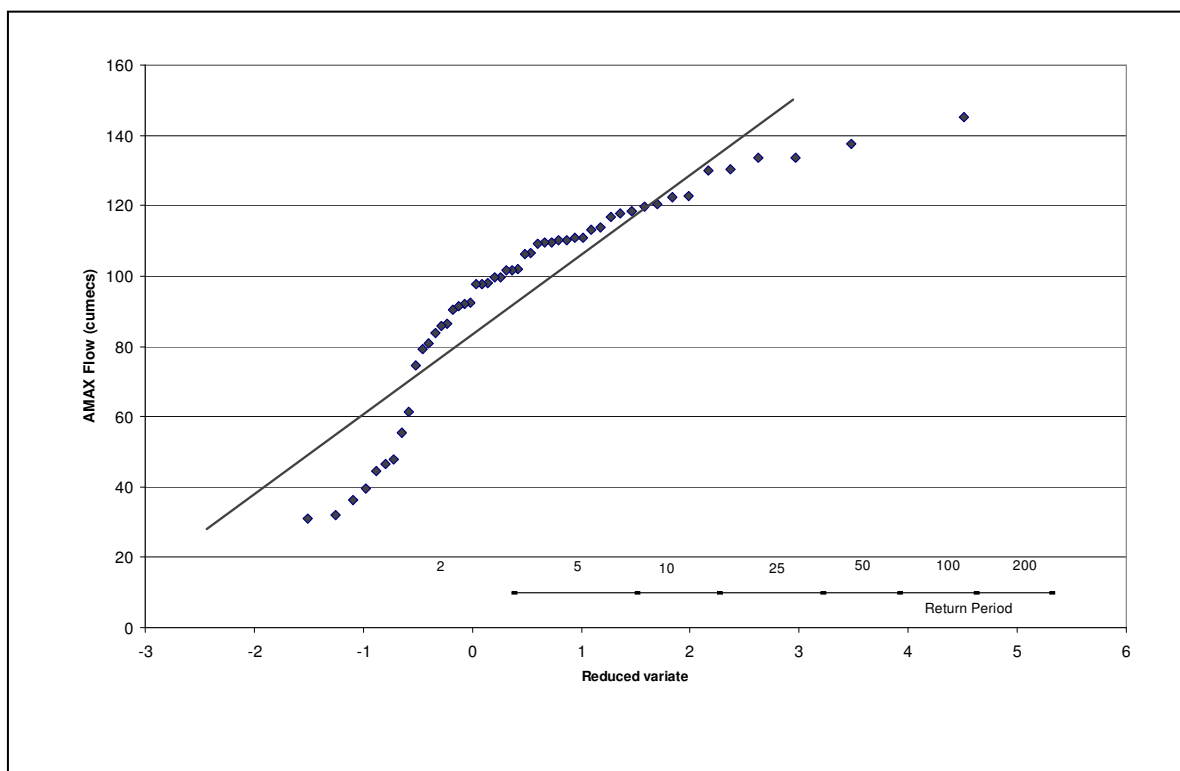
Nearby APSRs: To be confirmed

Jacobs Rating Review required: YES **OPW Station Classification:** A1

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24015 – AHAVARRAGH AT DROMCOLLIHER

Annual Maxima Series (Source:)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980		
1981		
1982		
1983		
1984		
1985		
1986		
1987		
1988		
1989		
1990		
1991		
1992		
1993		
1994		
1995		
1996		
1997		
1998		
1999		
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		

Length of AMAX series: years

Gauging Authority: Limerick County Council

Easting: 137926	Northing: 121362
Catchment:	Telemetry: No
Station Type: Recorder	Catchment Area: 5.20 km ²

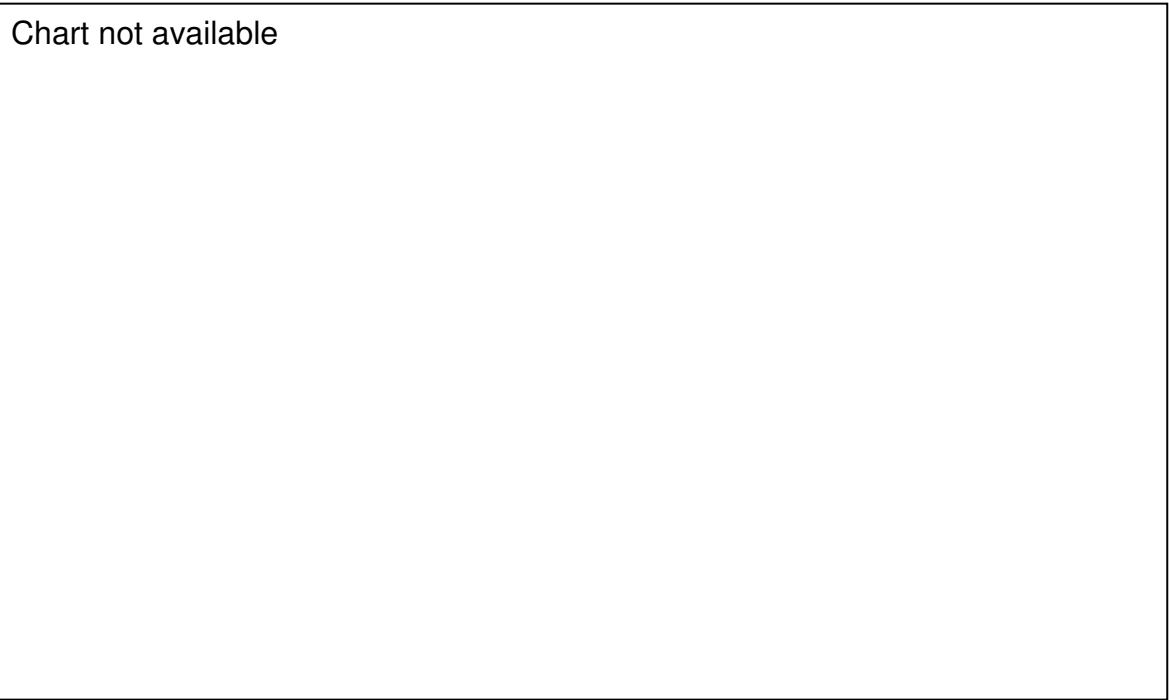
QMED (gauged): N/A m ³ /s	AREA (FSU): N/A km ²
QMED (FSU): N/A m ³ /s	SAAR (FSU): N/A
QMED (predicted): N/A m ³ /s	FARL (FSU): N/A
BFIsoils (FSU): N/A	S1085: N/A
URBEXT: N/A	ARTDRAIN2: N/A
DRAIND: N/A	

Comments:

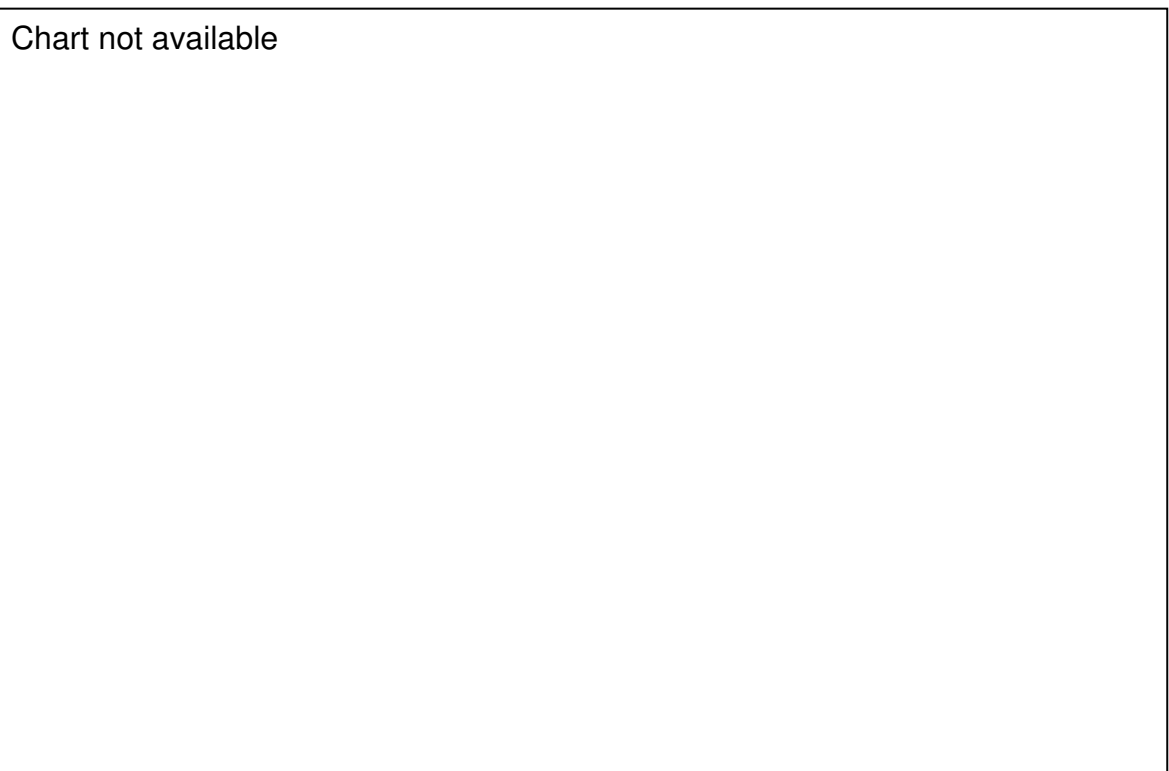
Nearby APSRs: To be confirmed

Jacobs Rating Review required: YES	OPW Station Classification: None
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Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24022 – MAHORE AT HOSPITAL

Annual Maxima Series (Source: FSU)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980		
1981		
1982		
1983		
1984		
1985	5.0	22/01/1986
1986	9.3	08/12/1986
1987	7.6	12/01/1988
1988	10.0	11/10/1988
1989	11.5	06/02/1990
1990	3.8	28/12/1990
1991	5.6	24/11/1991
1992	5.0	13/01/1993
1993	6.2	15/01/1994
1994	15.0	22/02/1995
1995	10.0	24/11/1995
1996	6.7	29/11/1996
1997	9.4	17/10/1997
1998	13.6	29/12/1998
1999	10.0	18/12/1999
2000	20.5	06/11/2000
2001	14.2	26/02/2002
2002	9.6	27/11/2002
2003	11.3	14/11/2003
2004	12.3	28/10/2004
2005		
2006		
2007		
2008		
2009		

Length of AMAX series: 20 years

Gauging Authority: Limerick County Council

Easting: 170565	Northing: 136283
Catchment:	Telemetry: Yes
Station Type: Recorder	Catchment Area: 41.20 km ²

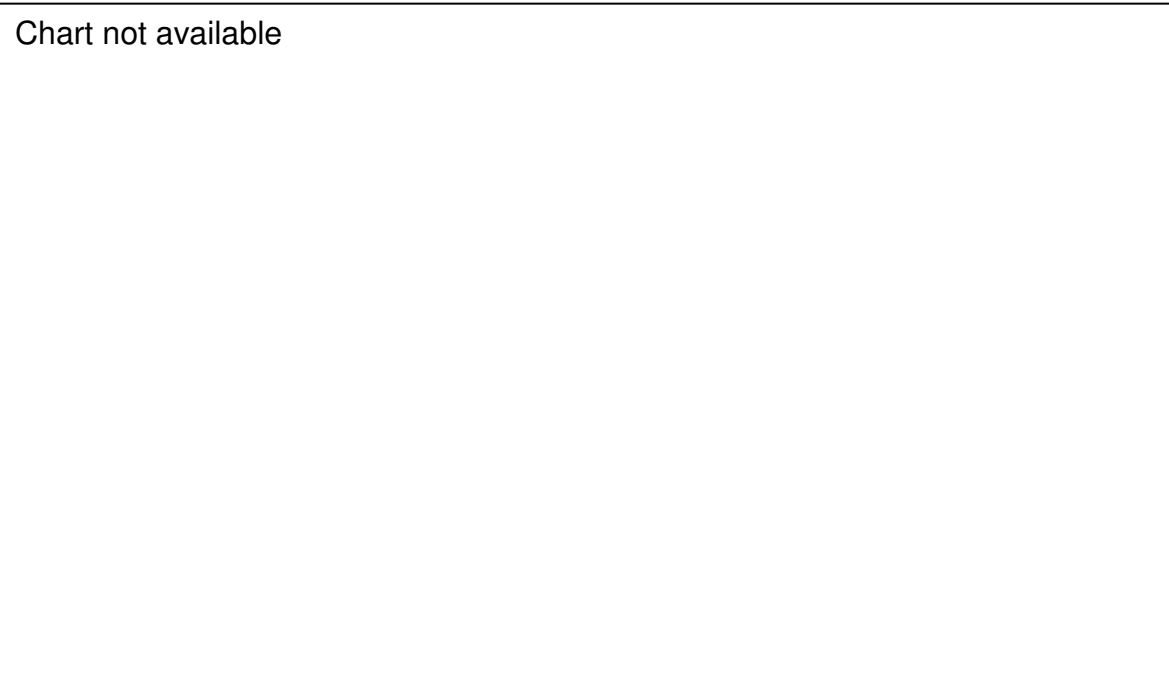
QMED (gauged): 9.80 m ³ /s	AREA (FSU): 41.21 km ²
QMED (FSU): 9.80 m ³ /s	SAAR (FSU): 942.31
QMED (predicted): 7.56 m ³ /s	FARL (FSU): 1.00
BFIsoils (FSU): 0.62	S1085: 3.29
URBEXT: 0.33	ARTDRAIN2: 70.00
DRAIND: 1.05	

Comments:

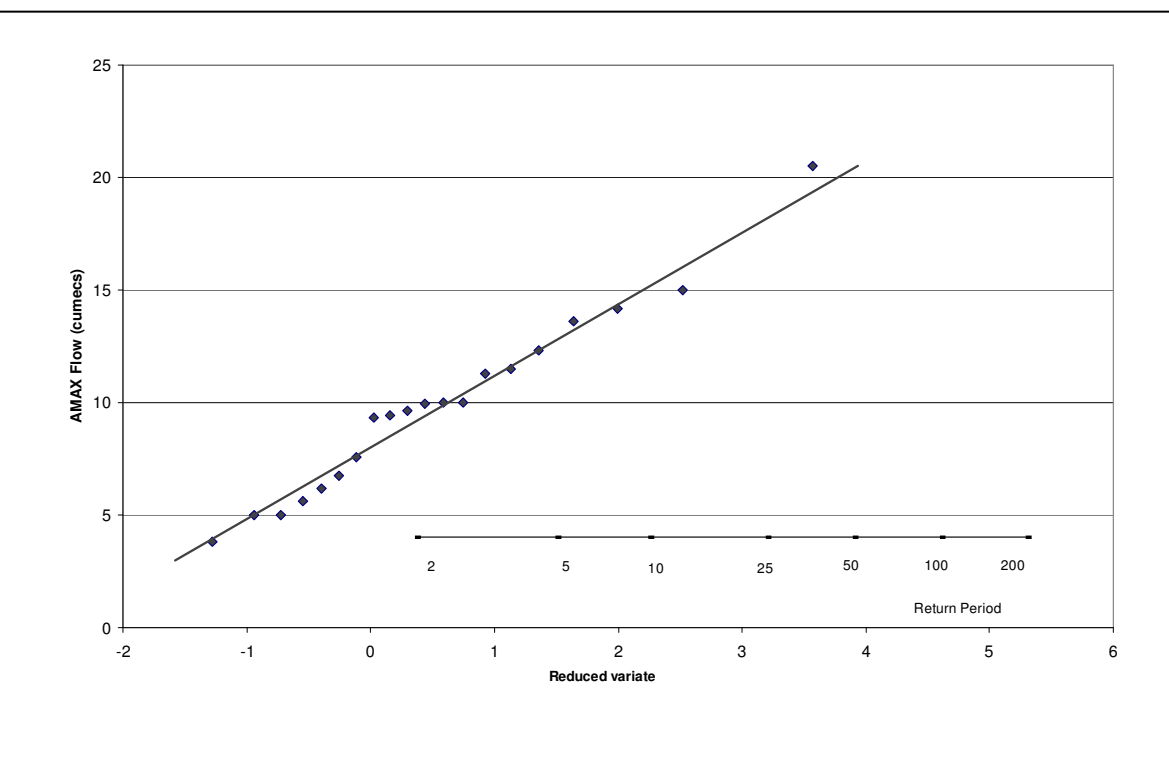
Nearby APSRs: To be confirmed

Jacobs Rating Review required: No **OPW Station Classification:** None

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24029 – DEEL AT INCHIROURKE MORE

Annual Maxima Series (Source:)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980		
1981		
1982		
1983		
1984		
1985		
1986		
1987		
1988		
1989		
1990		
1991		
1992		
1993		
1994		
1995		
1996		
1997		
1998		
1999		
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		

Length of AMAX series: years

Gauging Authority: Limerick County Council

Easting: 134386	Northing: 149141
Catchment:	Telemetry: Yes
Station Type: Recorder	Catchment Area: 486.10 km ²

QMED (gauged): N/A m ³ /s	AREA (FSU): N/A km ²
QMED (FSU): N/A m ³ /s	SAAR (FSU): N/A
QMED (predicted): N/A m ³ /s	FARL (FSU): N/A
BFIsoils (FSU): N/A	S1085: N/A
URBEXT: N/A	ARTDRAIN2: N/A
DRAIND: N/A	

Comments:

Nearby APSRs: To be confirmed

Jacobs Rating Review required: YES	OPW Station Classification: None
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Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)

Chart not available

24030 – DEEL AT DANGANBEG

Annual Maxima Series (Source: FSU)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980	69.5	02/11/1980
1981	39.1	13/12/1981
1982	60.6	08/11/1982
1983	67.7	16/12/1983
1984	44.0	14/08/1985
1985	72.2	06/08/1986
1986	53.0	08/12/1986
1987	50.9	01/02/1988
1988	55.8	21/10/1988
1989	51.8	06/02/1990
1990	43.7	28/12/1990
1991	47.9	21/12/1991
1992	37.8	13/01/1993
1993	53.5	16/01/1994
1994	52.8	10/03/1995
1995	50.1	09/02/1996
1996	53.3	05/08/1997
1997	50.2	08/01/1998
1998	54.9	29/12/1998
1999	51.8	05/11/1999
2000	54.6	26/11/2000
2001	53.1	23/01/2002
2002	50.7	21/10/2002
2003	51.3	14/11/2003
2004	52.0	08/01/2005
2005		
2006		
2007		
2008		
2009		

Length of AMAX series: 25 years

Gauging Authority: Limerick County Council

Easting: 131830

Northing: 129038

Catchment:

Telemetry: Yes

Station Type: Recorder

Catchment Area: 258.90 km²

QMED (gauged): 52.00 m³/s

AREA (FSU): 258.88 km²

QMED (FSU): 52.00 m³/s

SAAR (FSU): 1051.24

QMED (predicted): 59.52 m³/s

FARL (FSU): 1.00

BFIsols (FSU): 0.44

S1085: 2.40

URBEXT: 1.07

ARTDRAIN2: 40.00

DRAIND: 1.10

Comments:

Nearby APSRs: To be confirmed

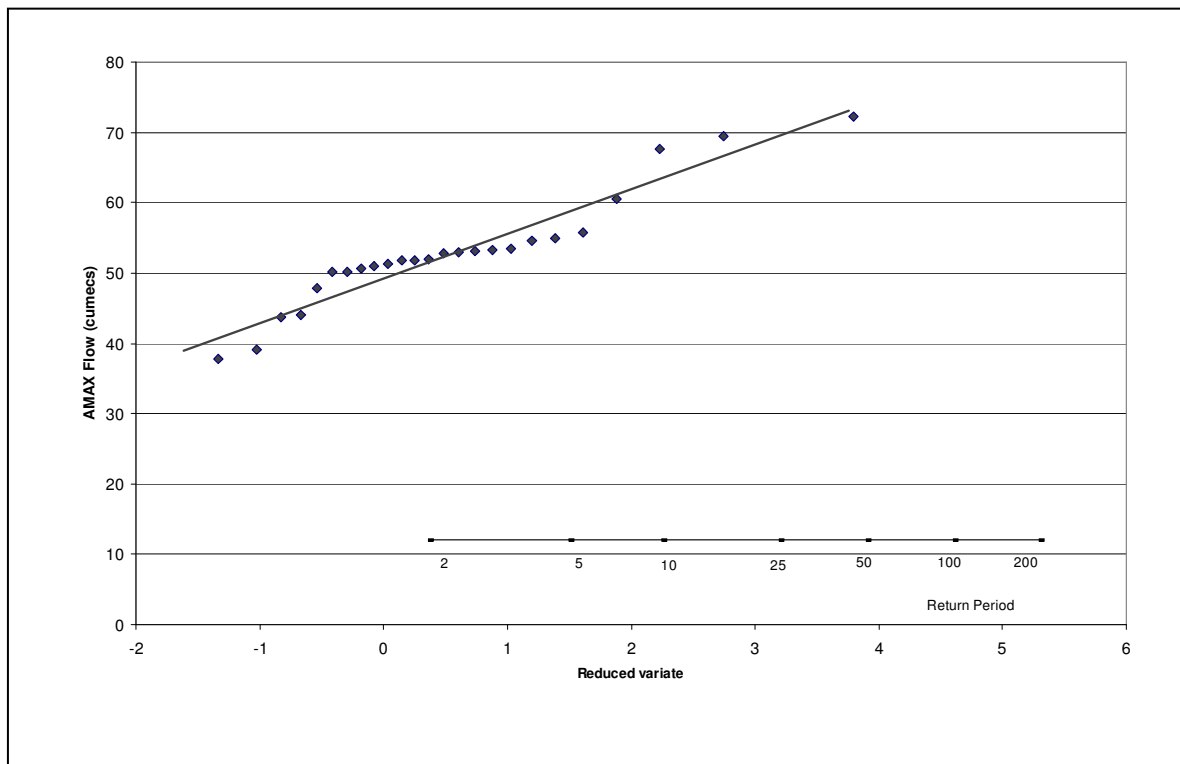
Jacobs Rating Review required: YES

OPW Station Classification: None

Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)



24034 – LOOBAGH AT RIVERSFIELD WEIR

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980		
1981		
1982		
1983		
1984		
1985	18.8	06/08/1986
1986	10.6	11/12/1986
1987	18.8	19/01/1988
1988	33.2	11/10/1988
1989	32.0	06/02/1990
1990	15.1	28/12/1990
1991	24.7	25/11/1991
1992	14.6	30/09/1993
1993	29.8	19/02/1994
1994	35.1	22/02/1995
1995	28.1	24/11/1995
1996	34.8	05/08/1997
1997	26.6	17/11/1997
1998	29.5	29/12/1998
1999	19.7	05/11/1999
2000	30.7	30/11/2000
2001	20.0	23/01/2002
2002	29.5	27/11/2002
2003	17.3	14/11/2003
2004	31.0	27/10/2004
2005	22.3	02/12/2005
2006	13.8	03/12/2006
2007	27.2	09/01/2008
2008	20.2	30/01/2009
2009	14.0	01/11/2009

Length of AMAX series: 25 years

Gauging Authority: Office of Public Works

Easting: 163231

Northing: 126306

Catchment:

Telemetry: Yes

Station Type: Recorder

Catchment Area: 54.60 km²

QMED (gauged): 24.70 m³/s

AREA (FSU): N/A km²

QMED (FSU): N/A m³/s

SAAR (FSU): N/A

QMED (predicted): N/A m³/s

FARL (FSU): N/A

BFIsoils (FSU): N/A

S1085: N/A

URBEXT: N/A

ARTDRAIN2: N/A

DRAIN2: N/A

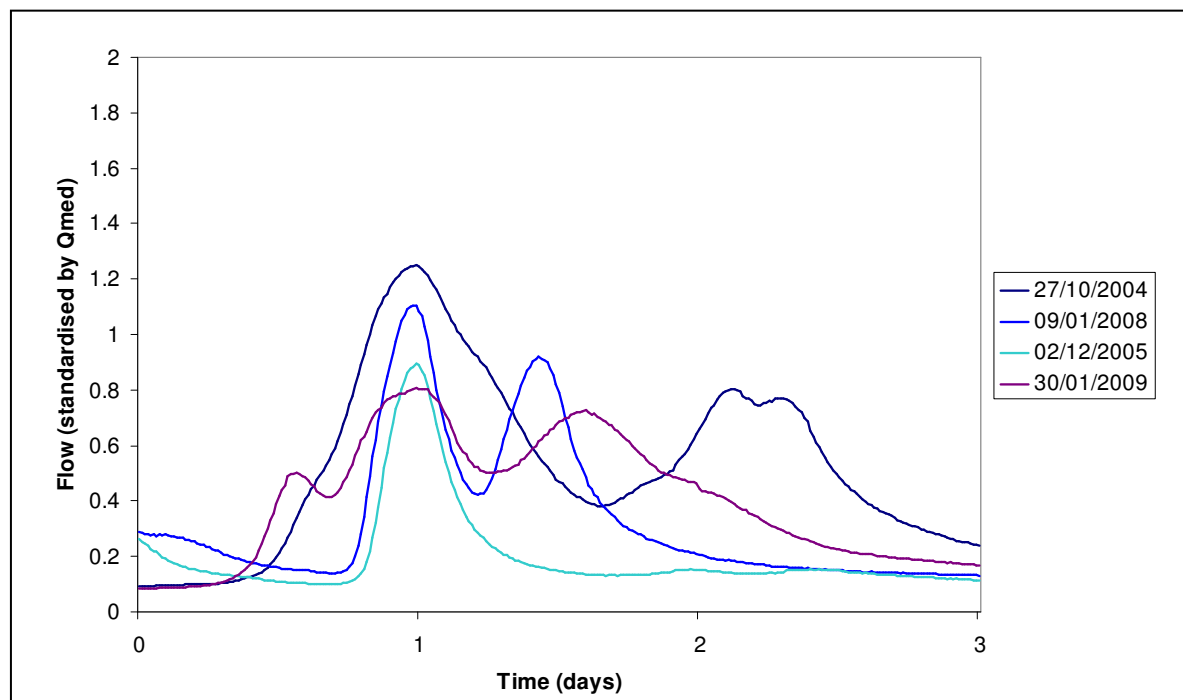
Comments:

Nearby APSRs: To be confirmed

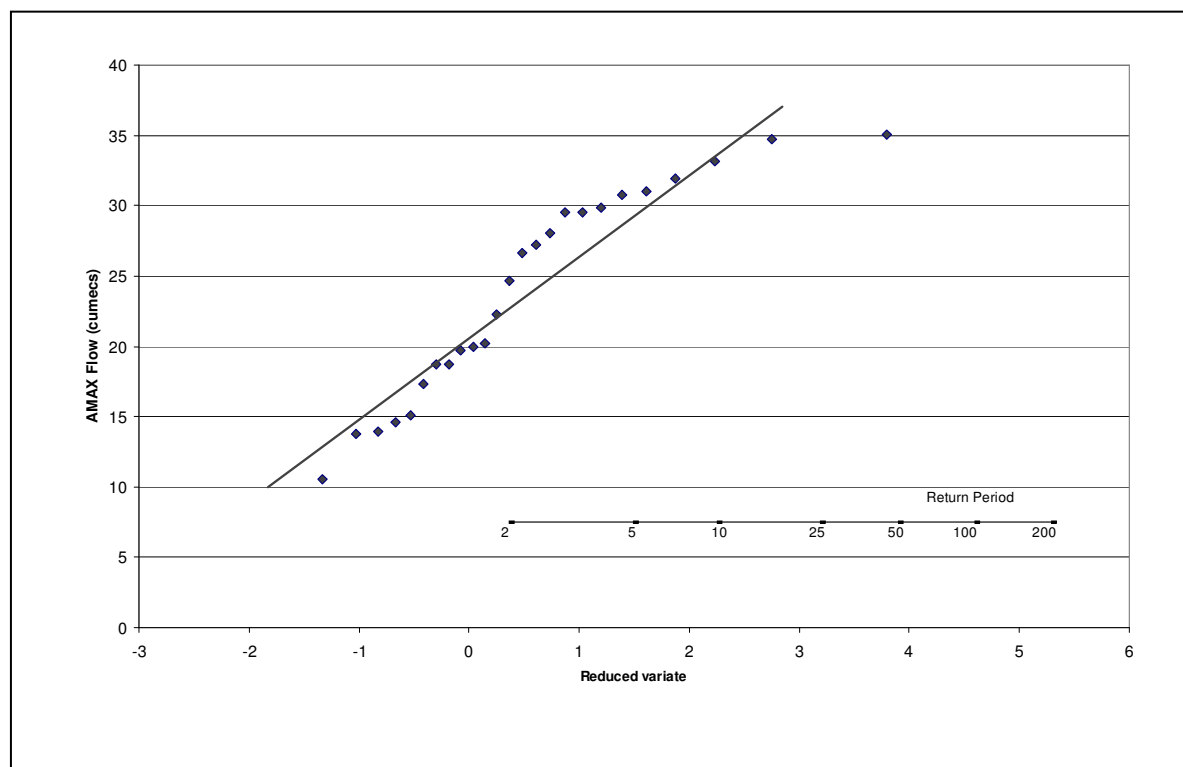
Jacobs Rating Review required: YES

OPW Station Classification: None

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24067 – GREANAGH AT NORMOYLE'S BR.

Annual Maxima Series (Source: OPW)

Hydrological Year	Level (mOD)	Date
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980		
1981		
1982		
1983		
1984		
1985		
1986		
1987		
1988		
1989		
1990		
1991		
1992		
1993	6.5	15/01/1994
1994	7.0	26/01/1995
1995	6.5	09/02/1996
1996	7.0	05/08/1997
1997	6.6	17/10/1997
1998	6.7	30/12/1998
1999	6.6	24/12/1999
2000	6.7	06/11/2000
2001	6.6	01/02/2002
2002	5.2	19/02/2003
2003	5.2	19/03/2004
2004	6.7	28/10/2004
2005	6.4	30/03/2006
2006	6.5	07/12/2006
2007	6.6	10/03/2008
2008	6.3	13/12/2008
2009	6.6	14/11/2009

Length of AMAX series: 17 years

Gauging Authority: Office of Public Works

Easting: 144057	Northing: 145659
Catchment:	Telemetry: Yes
Station Type: Recorder	Catchment Area: 83.60 km ²

QMED (gauged): N/A m ³ /s	AREA (FSU): N/A km ²
QMED (FSU): N/A m ³ /s	SAAR (FSU): N/A
QMED (predicted): N/A m ³ /s	FARL (FSU): N/A
BFIsoils (FSU): N/A	S1085: N/A
URBEXT: N/A	ARTDRAIN2: N/A
DRAIN2: N/A	

Comments:

Nearby APSRs: To be confirmed

Jacobs Rating Review required: No	OPW Station Classification: None
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Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)

Chart not available

24082 – MAIGUE AT ISLANDMORE

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
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1976		
1977	57.5	20/11/1977
1978	103.6	08/12/1978
1979	92.6	25/10/1979
1980	103.6	02/11/1980
1981	80.6	14/07/1982
1982	140.0	08/11/1982
1983	170.8	16/12/1983
1984	77.7	14/08/1985
1985	155.1	06/08/1986
1986	140.0	08/12/1986
1987	143.7	01/02/1988
1988	183.0	21/10/1988
1989	206.4	06/02/1990
1990	125.6	28/12/1990
1991	125.6	25/11/1991
1992	110.2	30/09/1993
1993	147.5	15/01/1994
1994	178.9	22/02/1995
1995	129.1	10/02/1996
1996	157.0	05/08/1997
1997	141.9	05/01/1998
1998	178.9	30/12/1998
1999	130.9	25/12/1999
2000	185.1	06/11/2000
2001	141.9	23/01/2002
2002	118.7	27/11/2002
2003	110.2	14/11/2003
2004	157.0	29/10/2004
2005	130.9	23/05/2006
2006	116.9	03/12/2006
2007	149.4	10/01/2008
2008	146.5	31/01/2009
2009	128.8	19/11/2009

Length of AMAX series: 33 years

Gauging Authority: Office of Public Works

Easting: 151496	Northing: 139971
Catchment: Maigue	Telemetry: Yes
Station Type: Recorder	Catchment Area: 762.80 km ²

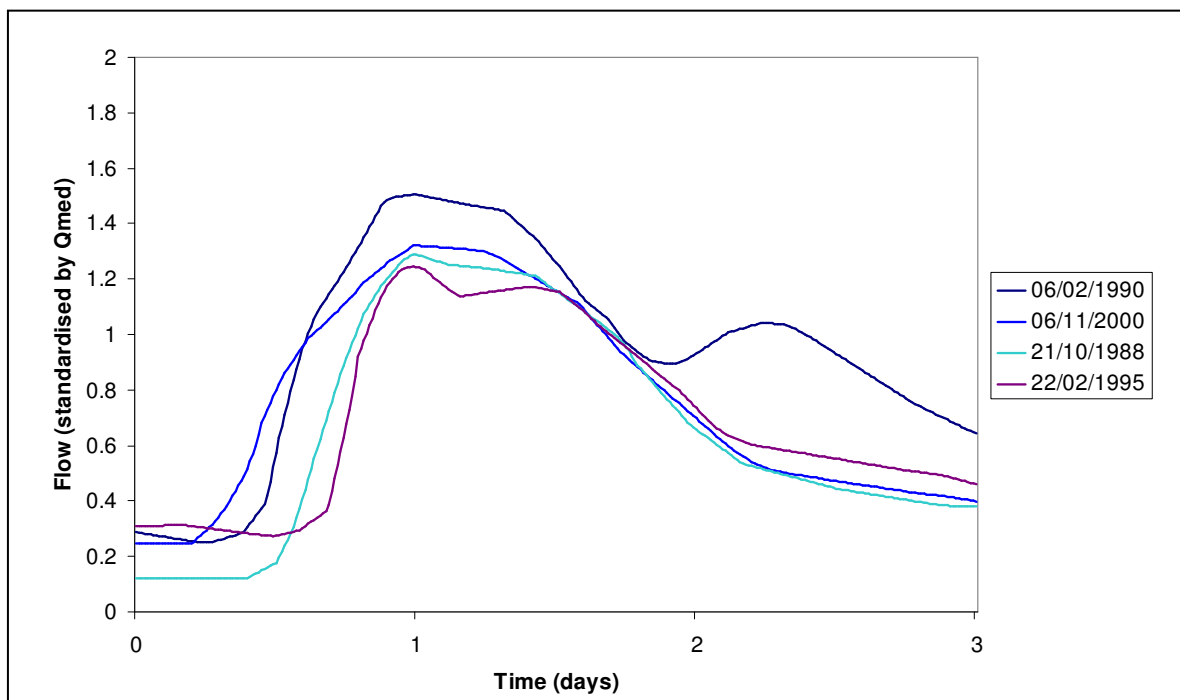
QMED (gauged): 140.01 m ³ /s	AREA (FSU): 762.84 km ²
QMED (FSU): 140.01 m ³ /s	SAAR (FSU): 941.70
QMED (predicted): 117.61 m ³ /s	FARL (FSU): 1.00
BFIsoils (FSU): 0.53	S1085: 1.91
URBEXT: 0.64	ARTDRAIN2: 51.00
DRAIN2: 1.10	

Comments: Automated velocity-area station installed and automated in 1977. Stable mud bed. Non-standard weir, with some bridge effect at the very high flows.

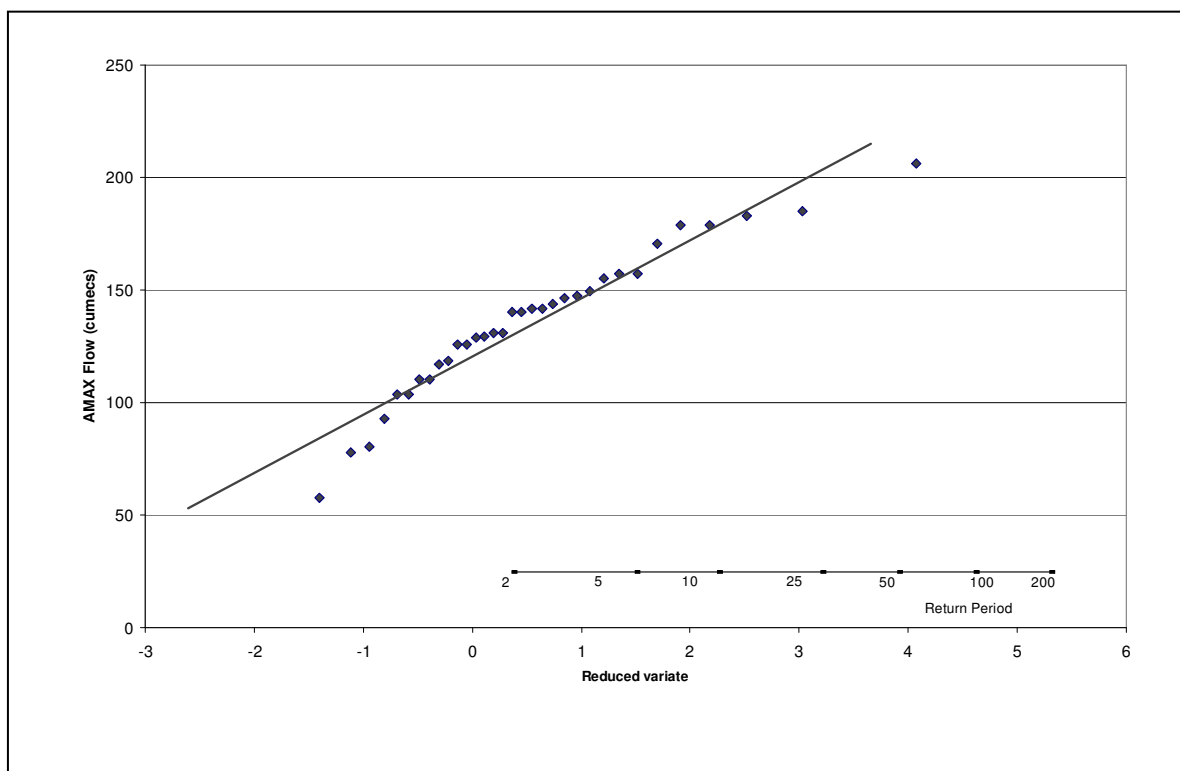
Nearby APSRs: To be confirmed

Jacobs Rating Review required: No **OPW Station Classification:** A2

Normalised Hydrographs



Flood Frequency (EV1 with Gringorten plotting positions)



24100 – DEEL AT GORTBOY HOTEL

Annual Maxima Series (Source: OPW)

Hydrological Year	Flow (m ³ /s)	Date
1946		
1947		
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2004		
2005		
2006		
2007	64.7	01/08/2008
2008	28.2	02/09/2009
2009	34.9	19/11/2009

Length of AMAX series: 3 years

2007 - flood mark surveyed (gauge installed 21/11/2008)

Gauging Authority: Office of Public Works

Easting: 128600

Northing: 133493

Catchment:

Telemetry: Yes

Station Type: Recorder

Catchment Area: 0.00 km²

QMED (gauged): 34.89 m³/s

AREA (FSU): N/A km²

QMED (FSU): N/A m³/s

SAAR (FSU): N/A

QMED (predicted): N/A m³/s

FARL (FSU): N/A

BFIsoils (FSU): N/A

S1085: N/A

URBEXT: N/A

ARTDRAIN2: N/A

DRAIN2: N/A

Comments:

Nearby APSRs: To be confirmed

Jacobs Rating Review required: No

OPW Station Classification: None

Normalised Hydrographs

Chart not available

Flood Frequency (EV1 with Gringorten plotting positions)

Chart not available

