

## Norwich and Broadland 2016 – 2018 Repeat Flooding (FIR/030R)

The Norwich and Broadland 2016 – 2018 Flood Investigation reported on the internal flooding of eight properties and was published on the [Norfolk County Council](#) website. Since publication one of the properties included in the report has been flooded internally a further five times and has provided new evidence of historical flooding. This property was on Chapel Field North, Norwich.

The information below summarises the original flood report and the subsequent reports that have been received since.

### **FIR30: Chapel Field North**

#### **First report (Ref: 3752)**

<b>Date</b>	<b>Flood Report</b>	<b>Rainfall within the catchment</b>
23/06/2016	1 property internally flooded. Report received from resident via online flood report on 23 <sup>rd</sup> November 2016 (FWF/16/4/3752)	32mm rainfall was recorded as falling in 2 hours 0 minutes at the Norwich Heigham rainfall monitoring station. This intensity of rainfall for the total duration equates to a 1:16 rainfall event.

#### **Subsequent reports**

<b>Date</b>	<b>Flood Report</b>	<b>Rainfall within the catchment</b>
07/12/2018	1 property internally flooded. Report received from resident via email correspondence on 9th January 2019 (FWF/18/1506)	8.8mm rainfall was recorded as falling in 4 hours 30 minutes at the Norwich Heigham rainfall monitoring station. This intensity of rainfall for the total duration is too small to calculate a rainfall intensity.
08/12/2018	1 property internally flooded. Report received from resident via email correspondence on 9th January 2019 (FWF/18/1507)	2.4mm rainfall was recorded as falling in 1 hour at the Norwich Heigham rainfall monitoring station. This intensity of rainfall for the total duration is too small to calculate a rainfall intensity.
16/12/2018	1 property internally flooded. Report received from resident via email correspondence on 9th January 2019 (FWF/18/1508)	1.6mm rainfall was recorded as falling in 3 hours at the Norwich Heigham rainfall monitoring station. This intensity of rainfall for the total duration is too small to calculate a rainfall intensity.
21/12/2018– 22/12/2018	1 property internally flooded. Report received from resident via email correspondence on 9th January 2019 (FWF/18/4/7611)	12mm rainfall was recorded as falling in 1.3 hours overnight at the Norwich Heigham rainfall monitoring station. This intensity of rainfall for the total duration is too small to calculate a rainfall intensity.
07/04/2019	1 property internally flooded. Report received from resident via the telephone on 11 <sup>th</sup> June 2019 (FWF/19/1509)	7.8mm rainfall was recorded as falling in 1 hour at the Norwich Heigham rainfall monitoring station. This intensity of rainfall for the total duration is too small to calculate a rainfall intensity.
11/06/2019	1 property internally flooded. Report received from resident via	22.2mm rainfall was recorded as falling in 17 hours 15 minutes at the Norwich Heigham rainfall monitoring station. This

	the telephone on 11 <sup>th</sup> June 2019 (FWF/19/1079)	intensity of rainfall for the total duration is too small to calculate a rainfall intensity.
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The Norwich Heigham rainfall gauge was under recording by 5.32% throughout December 2018 and under recording by 6.00% in April 2019. Therefore, rainfall values will be slightly higher than recorded.

### **Recommendations**

The following recommendations were made during the investigation of flooding that occurred on the 23/06/2019.

- Anglian Water should work with partner organisations to identify the potential for managing the amount or rate of surface water entering their drainage system in flood events.
- Property owners should protect their buildings through flood resilience measures where appropriate. NCC will advise them of the appropriate measures they could take to protect their property without prejudicing the rights and responsibilities of adjoining property holders.

### **Actions being undertaken**

- Anglian Water has identified a potential solution to the flooding and is exploring how this could be implemented/funded with the resident.