

From: Amanda Scholes on behalf of Planning.Responses
Sent: 04 August 2017 11:02
To: Planning Scanning
Subject: FW: Ref WA/44/17/OUT - Tuppens Field.
Attachments: July 2017 Met Office Study Summary.pdf

From: Michael Eastham
Sent: 04 August 2017 10:46
To: Planning.Responses
Subject: FW: Ref WA/44/17/OUT - Tuppens Field.

Please would you upload onto Ocella the attachment and the email below from Walberton Parish Council regarding outline planning application WA/44/17/OUT.

Thanks,

Michael Eastham

From: Andy Pepler [REDACTED]
Sent: 02 August 2017 12:49
To: Michael Eastham
Cc: Edmund Carmerer Cuss
Subject: Ref WA/44/17/OUT - Tuppens Field.

Dear Michael,

Please see the attached, which is a Met Office Study survey forming part of the Parish Council's response to the consultation on outline planning application WA/44/17/OUT.

Regards,

Andy.

Andy Pepler - Clerk - Walberton Parish Council
[REDACTED]

ARTICLE

DOI: 10.1038/s41467-017-00275-3

OPEN

High risk of unprecedented UK rainfall in the current climate

Vikki Thompson¹, Nick J. Dunstone¹, Adam A. Scaife¹, Doug M. Smith¹, Julia M. Slingo¹, Simon Brown¹ & Stephen E. Belcher¹

In winter 2013/14 a succession of storms hit the UK leading to record rainfall and flooding in many regions including south east England. In the Thames river valley there was widespread flooding, with clean-up costs of over £1 billion. There was no observational precedent for this level of rainfall. Here we present analysis of a large ensemble of high-resolution initialised climate simulations to show that this event could have been anticipated, and that in the current climate there remains a high chance of exceeding the observed record monthly rainfall totals in many regions of the UK. In south east England there is a 7% chance of exceeding the current rainfall record in at least one month in any given winter. Expanding our analysis to some other regions of England and Wales the risk increases to a 34% chance of breaking a regional record somewhere each winter.

¹Met Office Hadley Centre, Exeter EX1 3PB, UK. Correspondence and requests for materials should be addressed to V.T. [REDACTED]