

Water Resource Operations & Hydrology East Anglia Area - Essex, Norfolk & Suffolk



Groundwater Summary for Temporary Report Sites Report for October 2020



Data presented within this document are primarily intended for internal use and might not be **validated**. This document should only be used for information and no inference should be drawn without consultation with the Environment Agency.

Author: ang-ipswich-hydrolog@environment-agency.gov.uk

Site Information

Site Location	Agency ID	N.G.R.	Datum (maOD)
Norfolk Chalk			
South Creake OBH	TF83/560	TF 85627 36240	24.20
Itteringham BH	TG13/320	TG 13042 32155	47.06
Norfolk Shallow Aquifer			
South Creake Piezo	TF83/560A	TF 85522 36250	24.19
Itteringham P1	TG13/320A	TG 13046 32151	47.07
Suffolk Chalk			
Boundary Farm, Mendlesham	TM06/864	TM 08507 66459	63.19
Low Common	TM08/500	TM 05107 80252	27.25
Suffolk Shallow Aquifer			
Hazlewood Common	TM45/383	TM 43372 58813	17.89
Essex Chalk			
Great Bradley OBH	TL65/730	TL 67700 53100	78.46
Essex Shallow Aquifer			

Eastern East Anglia Aquifer Summary

Current Month

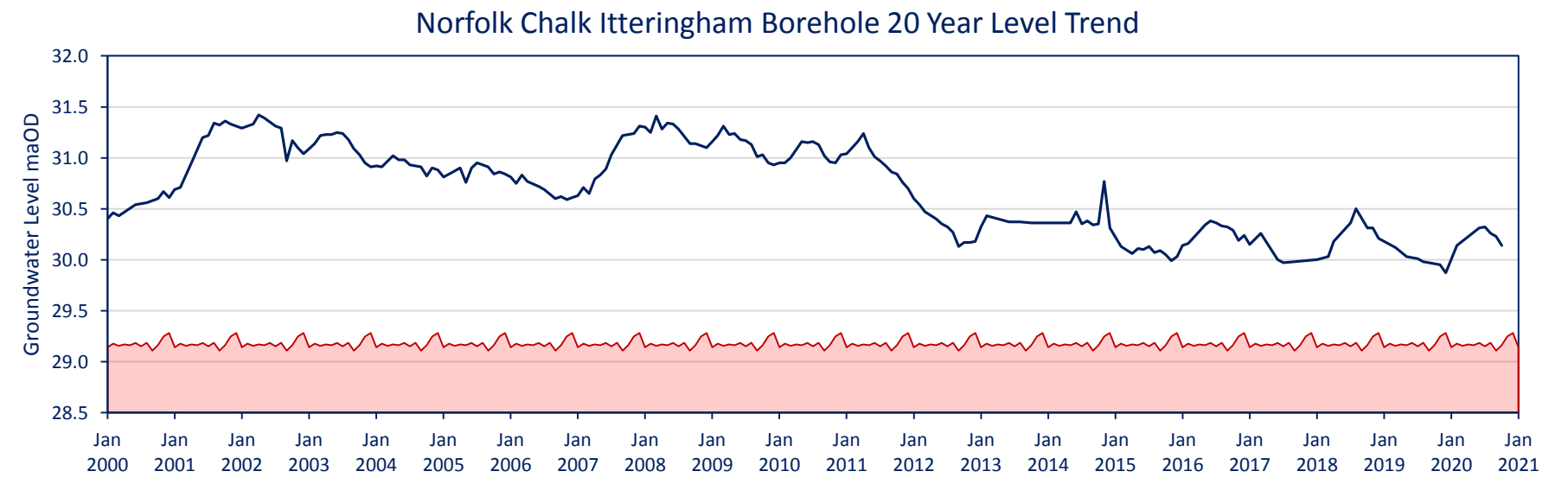
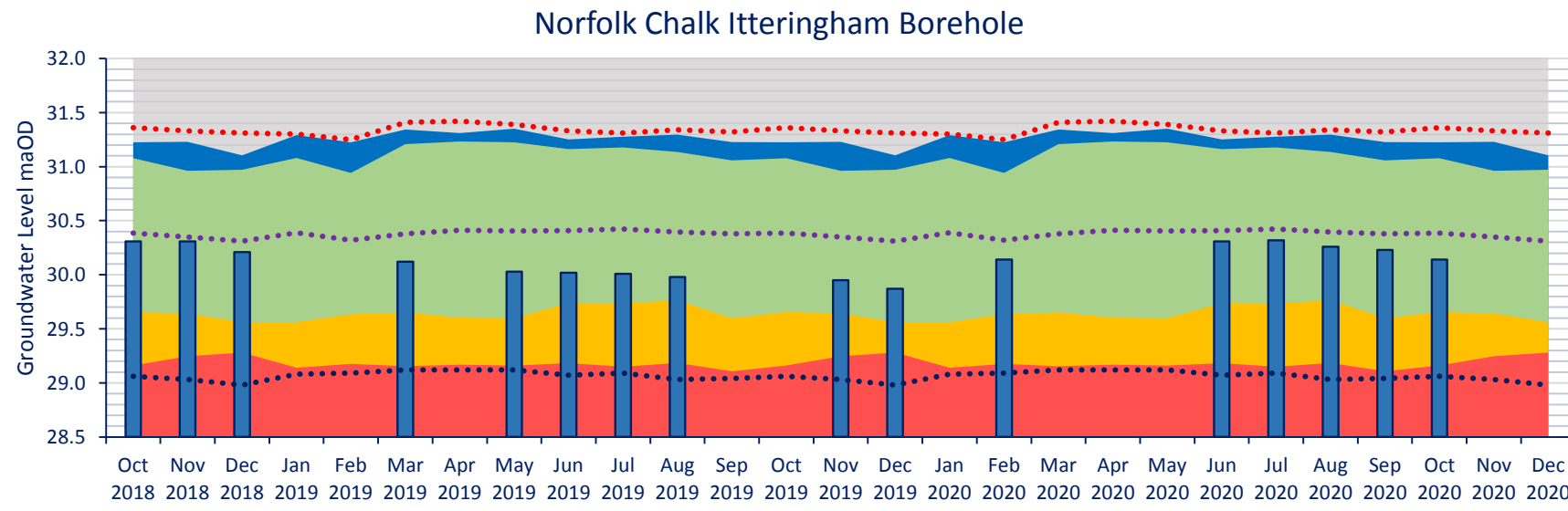
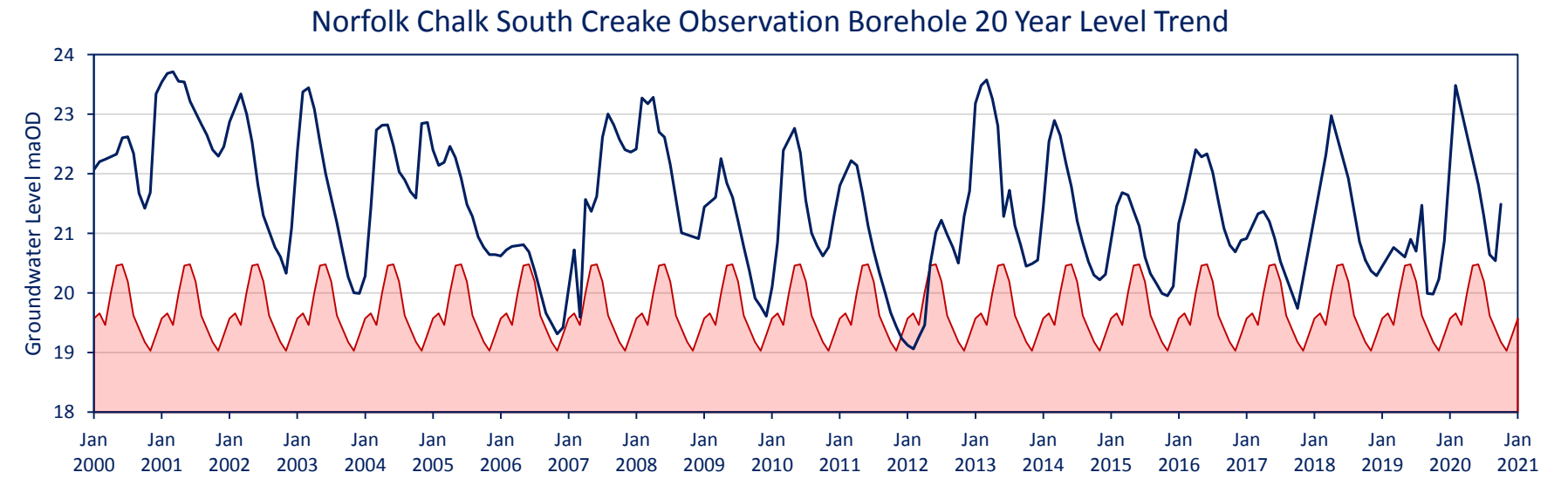
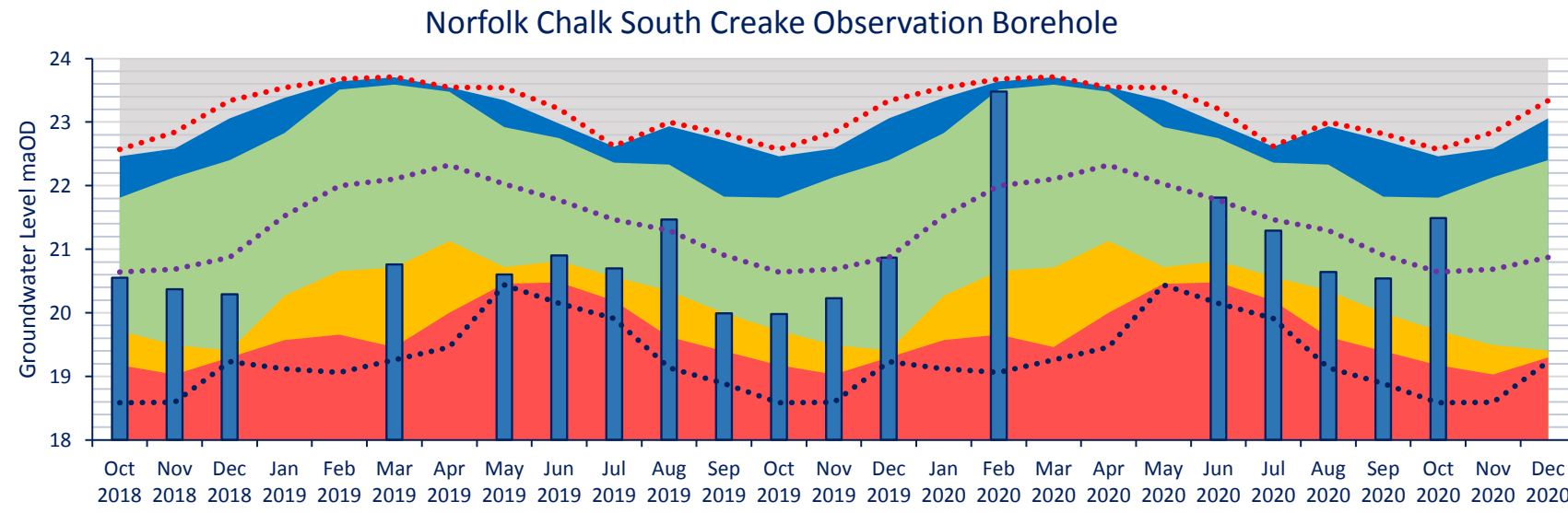
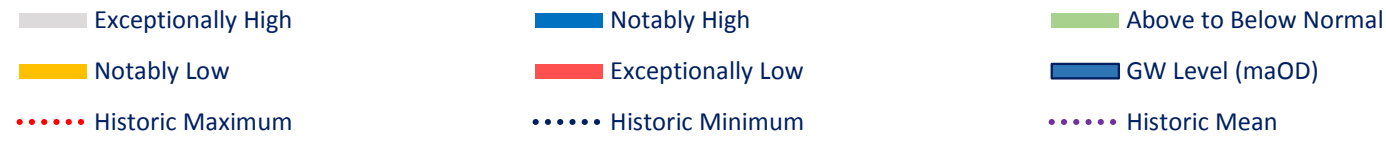
Aquifer	Borehole Location	October 2020
Norfolk Chalk	South Creake OBH	Above Normal
Norfolk Chalk	Itteringham BH	Below Normal
Norfolk Shallow Aquifer	South Creake Piezo	Above Normal
Norfolk Shallow Aquifer	Itteringham P1	Normal
Suffolk Chalk 1	Boundary Farm, Mendlesham	Below Normal
Suffolk Chalk 2	Low Common	Above Normal
Suffolk Shallow Aquifer 1	Hazlewood Common	Above Normal
Essex Chalk 1	Great Bradley OBH	Notably Low

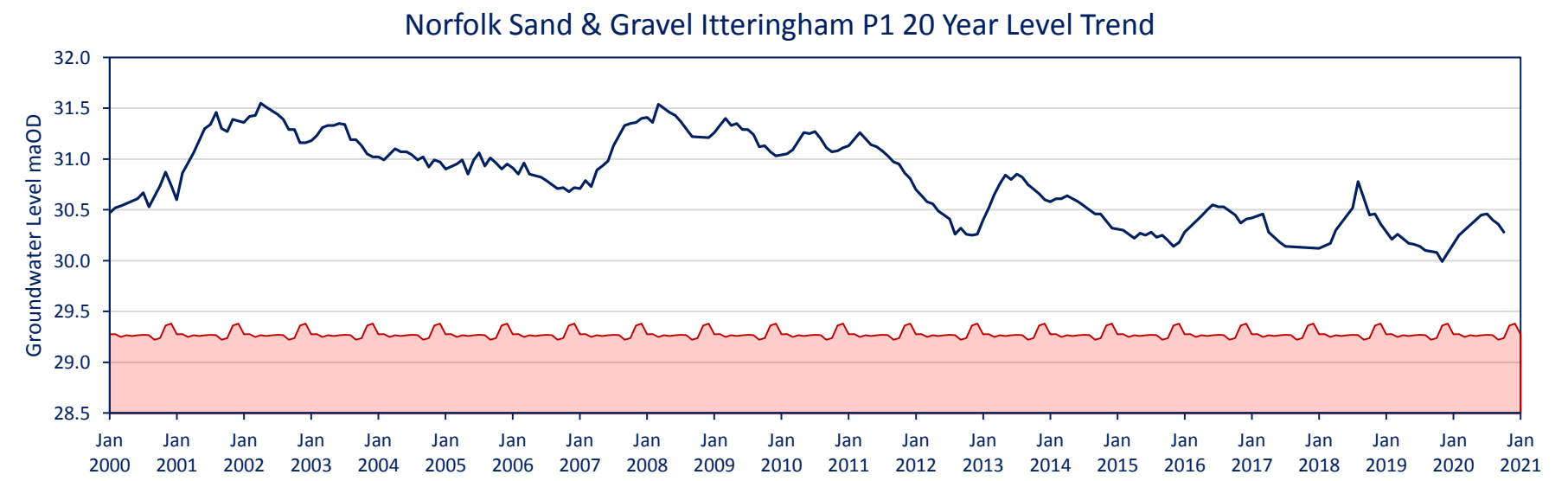
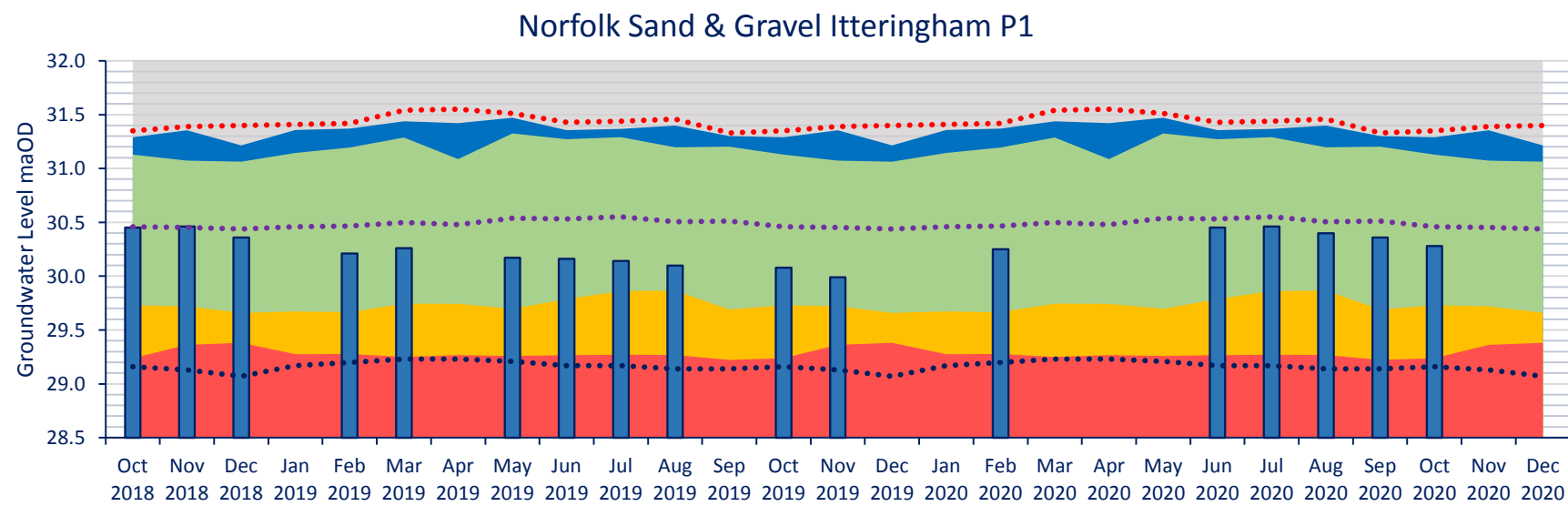
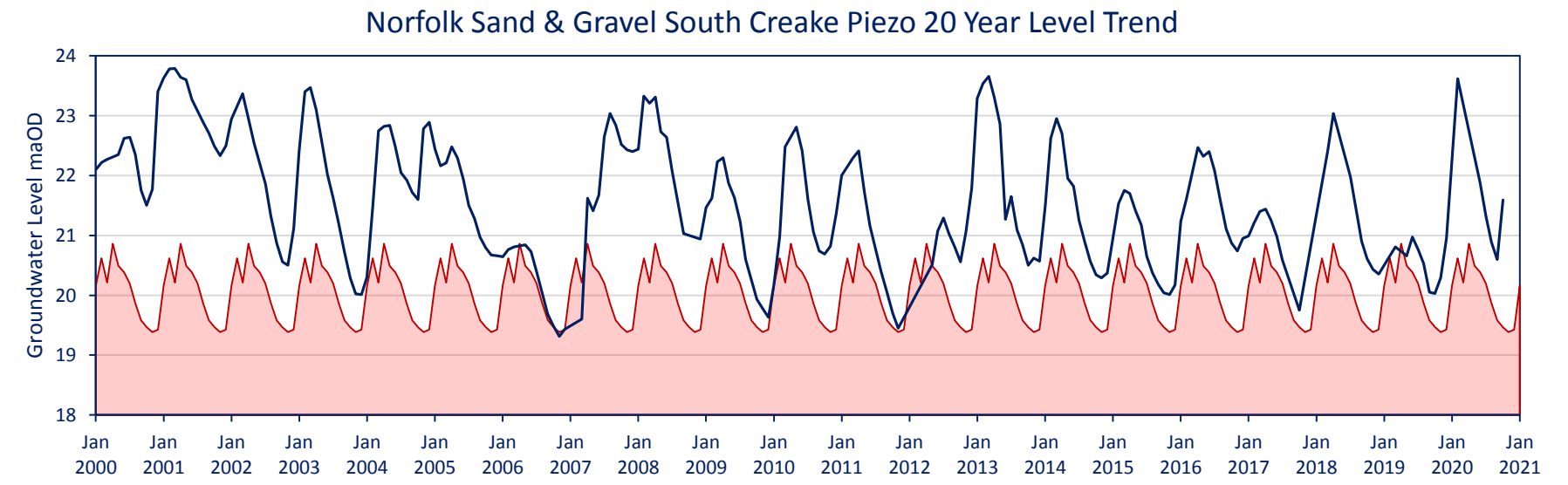
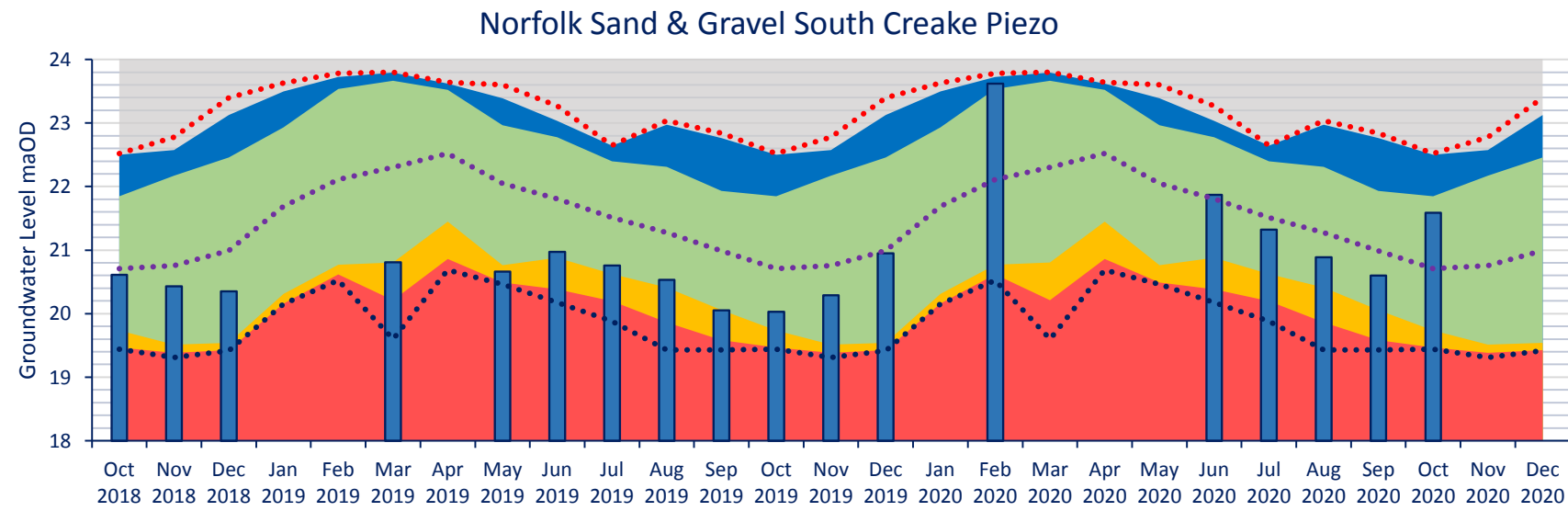
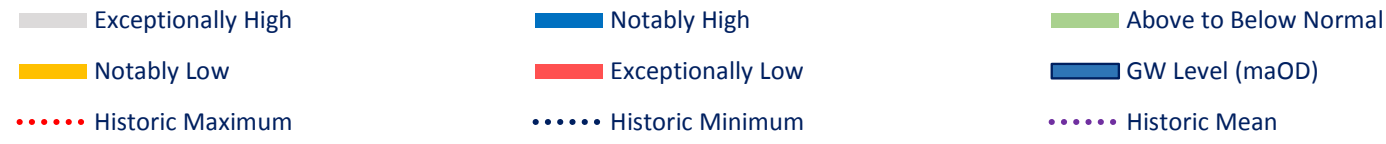
Colour	Aquifer
	Chalk
	Shallow Aquifer (Crag or Sands & Gravels)

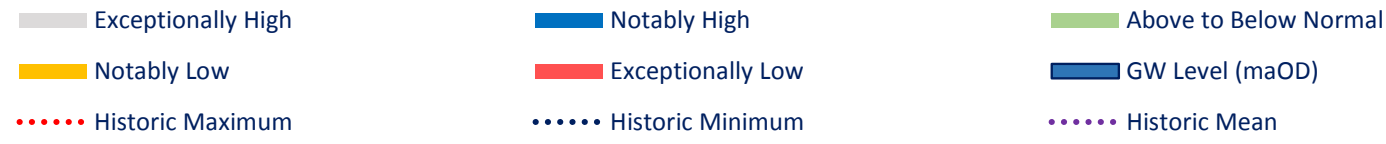
Previous 11 Months

September 2020	August 2020	July 2020	June 2020	May 2020	April 2020	March 2020	February 2020	January 2020	December 2019	November 2019
Normal	Below Normal	Normal	Normal	No Dip	No Dip	No Dip	Above Normal	No Dip	Normal	Normal
Normal	Normal	Normal	Normal	No Dip	No Dip	No Dip	Normal	No Dip	Below Normal	Below Normal
Normal	Normal	Normal	Normal	No Dip	No Dip	No Dip	Notably High	No Dip	Normal	Normal
Normal	Normal	Normal	Normal	No Dip	No Dip	No Dip	Normal	No Dip	No Dip	Below Normal
Notably Low	Exceptionally Low	Exceptionally Low	Notably Low	No Dip	No Dip	Notably Low	Normal	Notably Low	No Dip	Exceptionally Low
Below Normal	Below Normal	Below Normal	Below Normal	No Dip	No Dip	No Dip	Above Normal	Normal	Normal	Below Normal
Normal	No Dip	Above Normal	Normal	No Dip	No Dip	No Dip	Normal	Normal	No Dip	Normal
Exceptionally Low	Exceptionally Low	Notably Low	Notably Low	No Dip	No Dip	No Dip	Below Normal	Below Normal	Below Normal	Notably Low

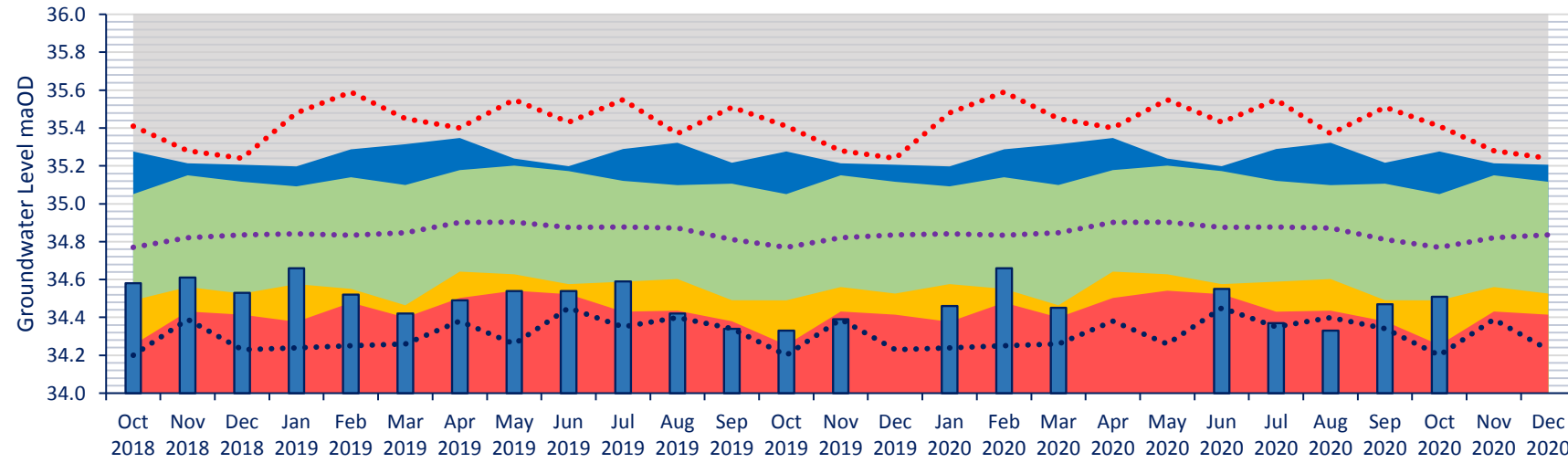
Category Key	Probability of occurrence	Return period (approx.)
Exceptionally Low	0.05 (5%)	> 1 in 20
Notably Low	0.08 (8%)	> 1 in 8 to 1 in 20
Below Normal	0.15 (15%)	> 1 in 4 to 1 in 8
Normal	0.44 (44%)	< 1 in 4
Above Normal	0.15 (15%)	> 1 in 4 to 1 in 8
Notably High	0.08 (8%)	> 1 in 8 to 1 in 20
Exceptionally High	0.05 (5%)	> 1 in 20



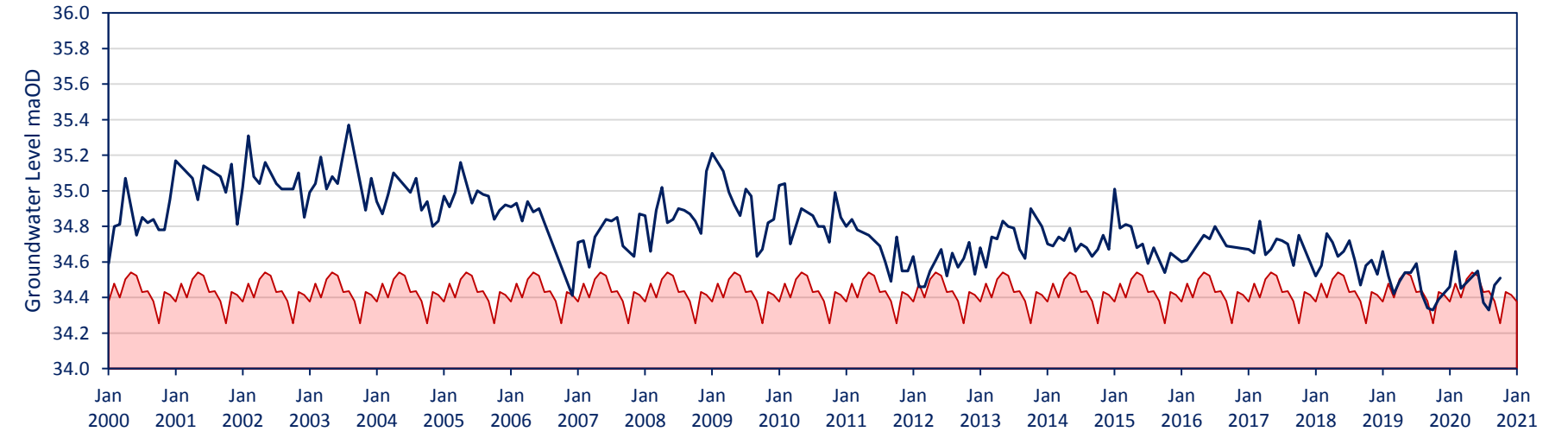




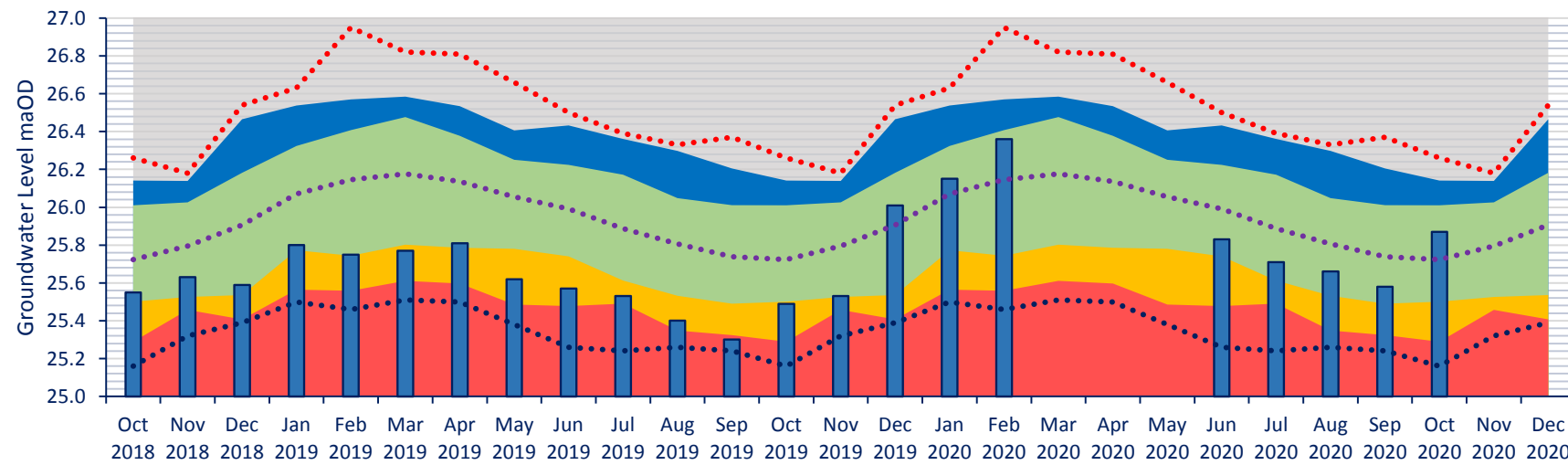
Suffolk Chalk Boundary Farm, Mendlesham



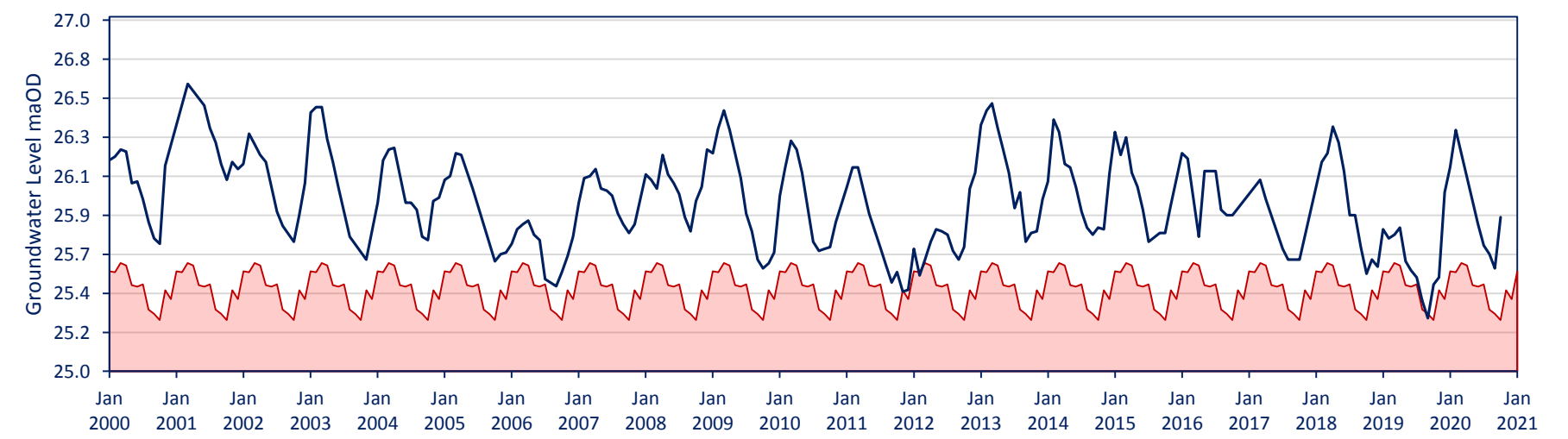
Suffolk Chalk Boundary Farm, Mendlesham 20 Year Level Trend

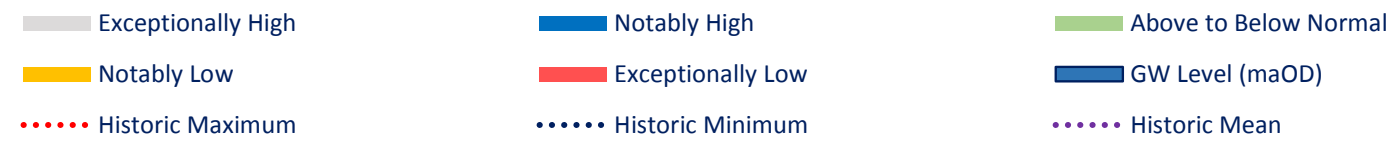


Suffolk Chalk Low Common

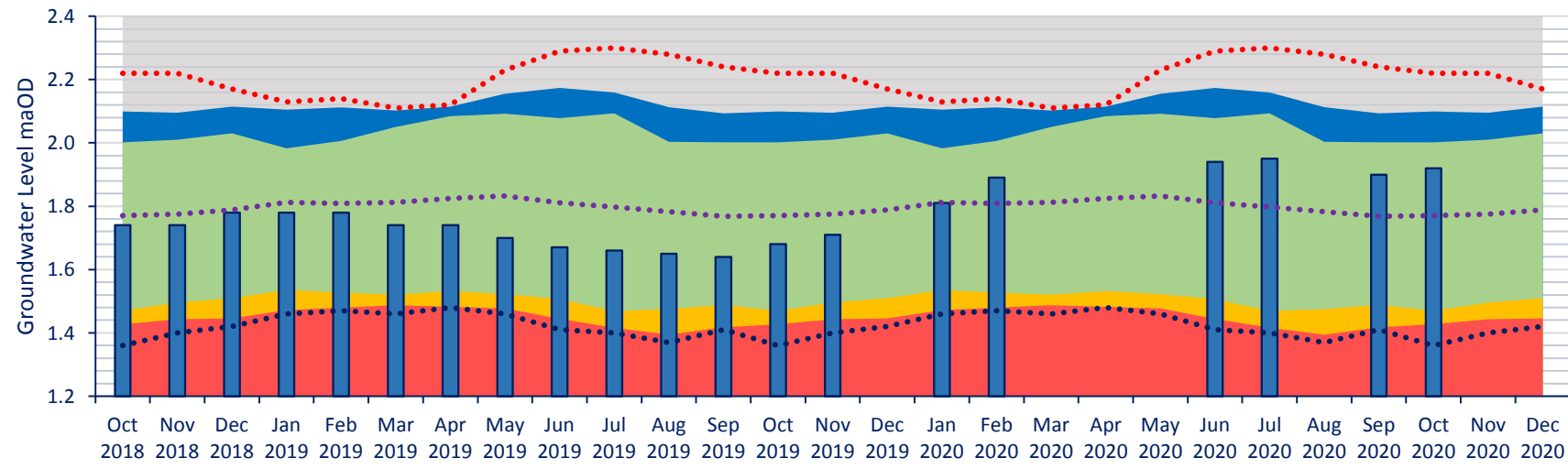


Suffolk Chalk Low Common 20 Year Level Trend

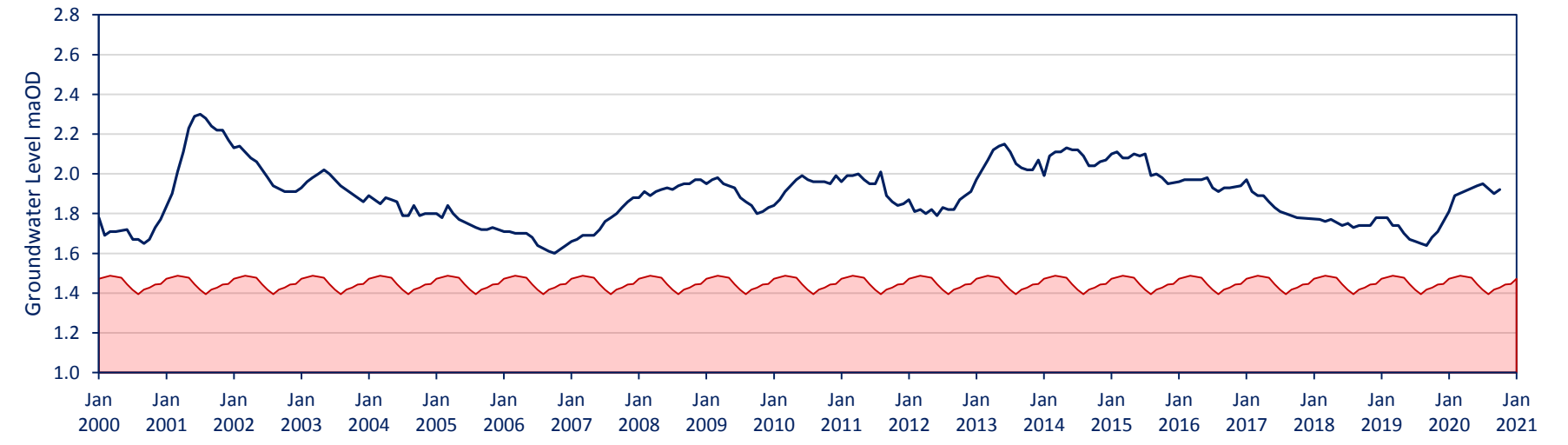


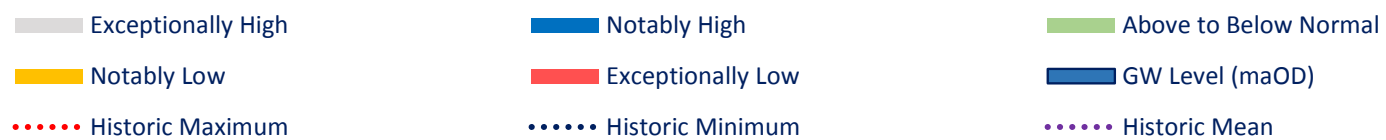


Suffolk Crag Hazlewood Common

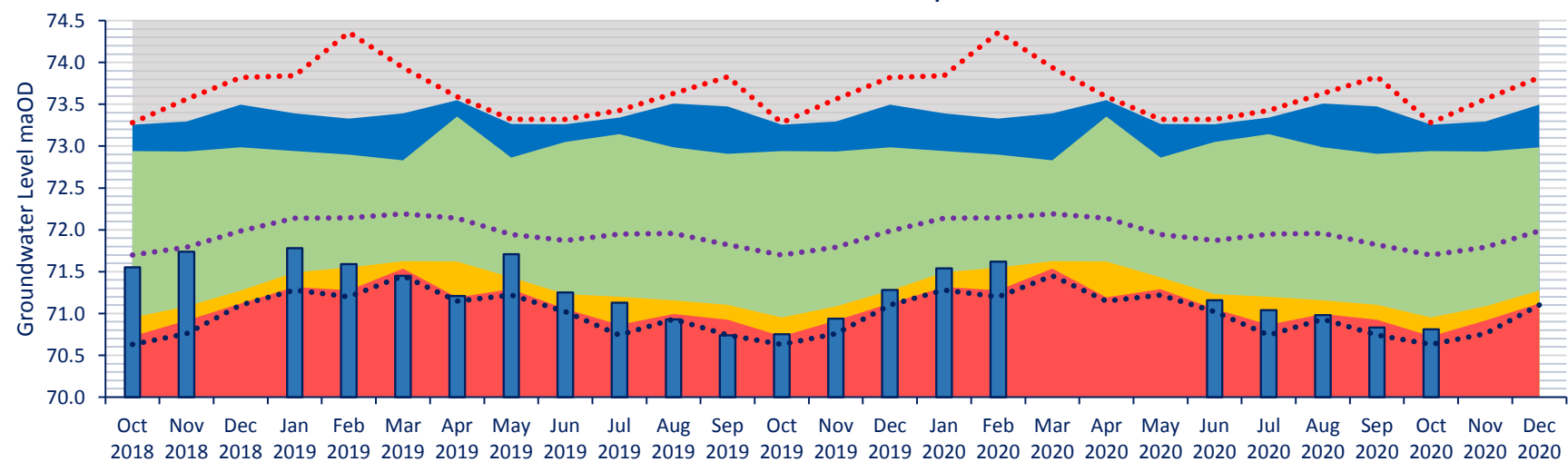


Suffolk Crag Hazlewood Common 20 Year Level Trend





Essex Chalk Great Bradley OBH



Essex Chalk Great Bradley OBH 20 Year Level Trend

