

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



## Groundwater Summary for Temporary Report Sites Report for March 2021



Environment  
Agency

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](mailto:ang-ipswich-hydrolog@environment-agency.gov.uk)

## Site Information

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

## Eastern East Anglia Aquifer Summary

### Current Month

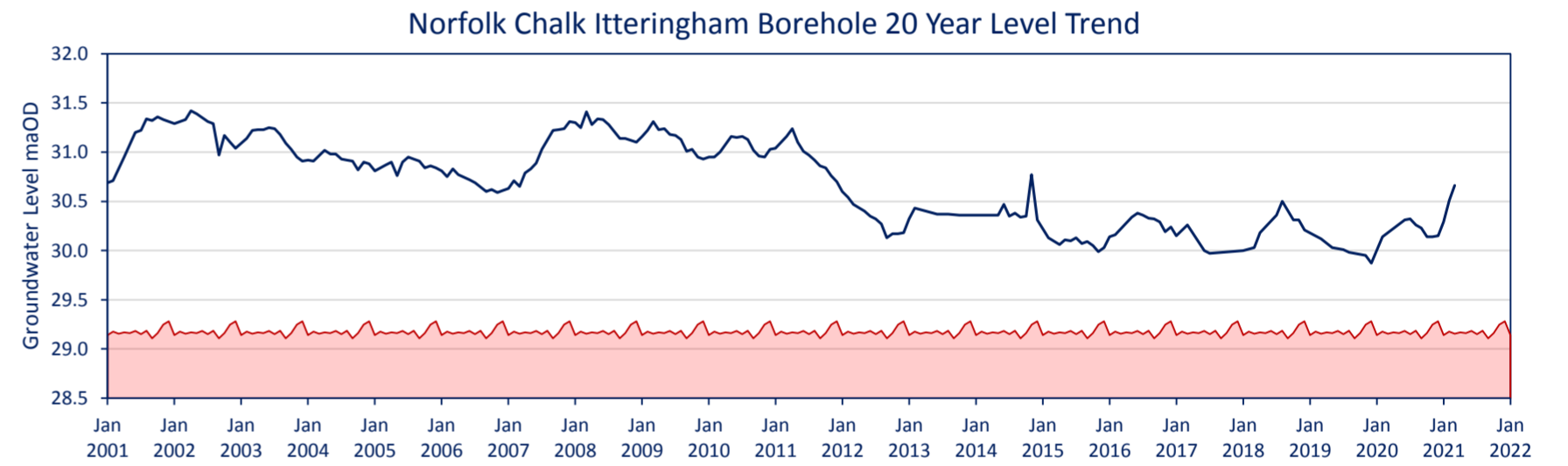
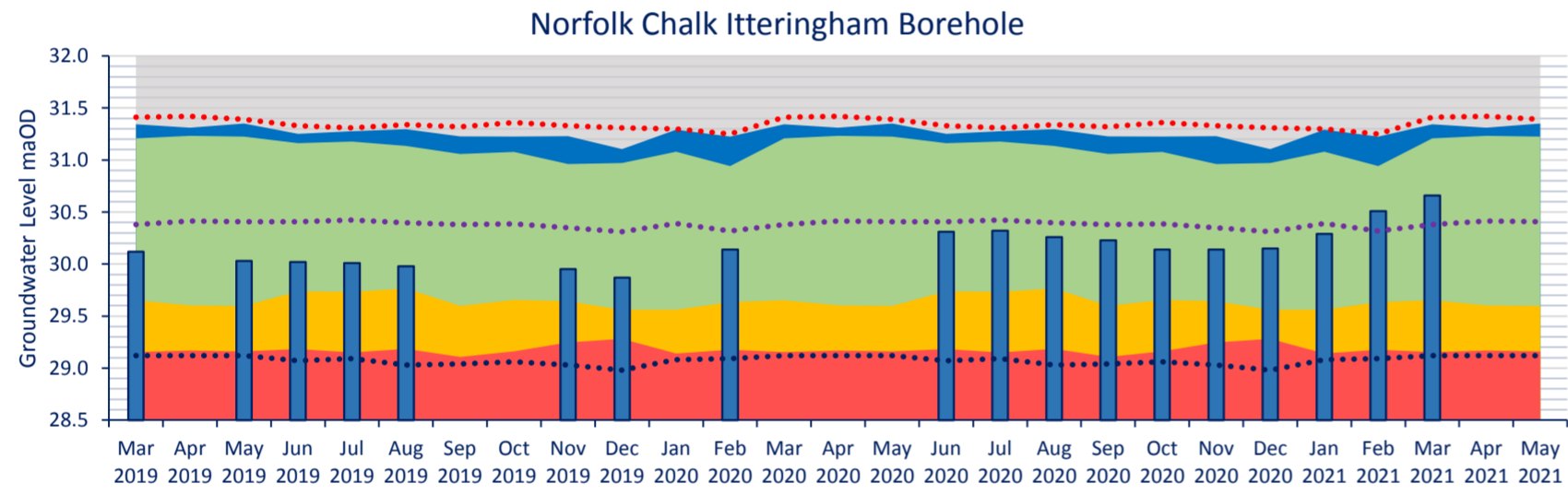
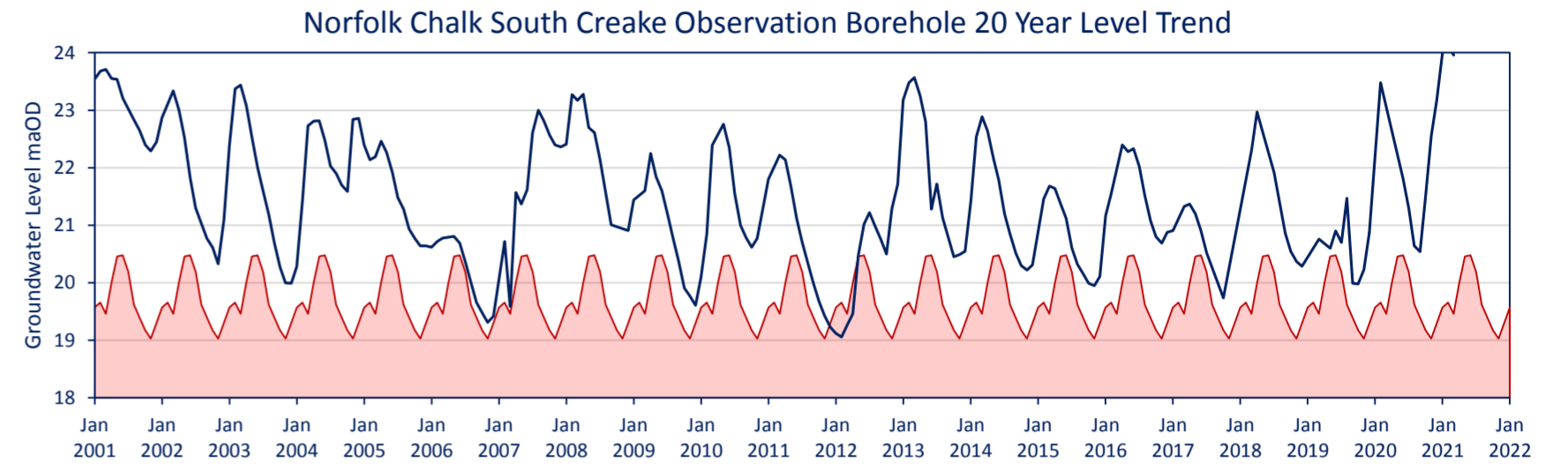
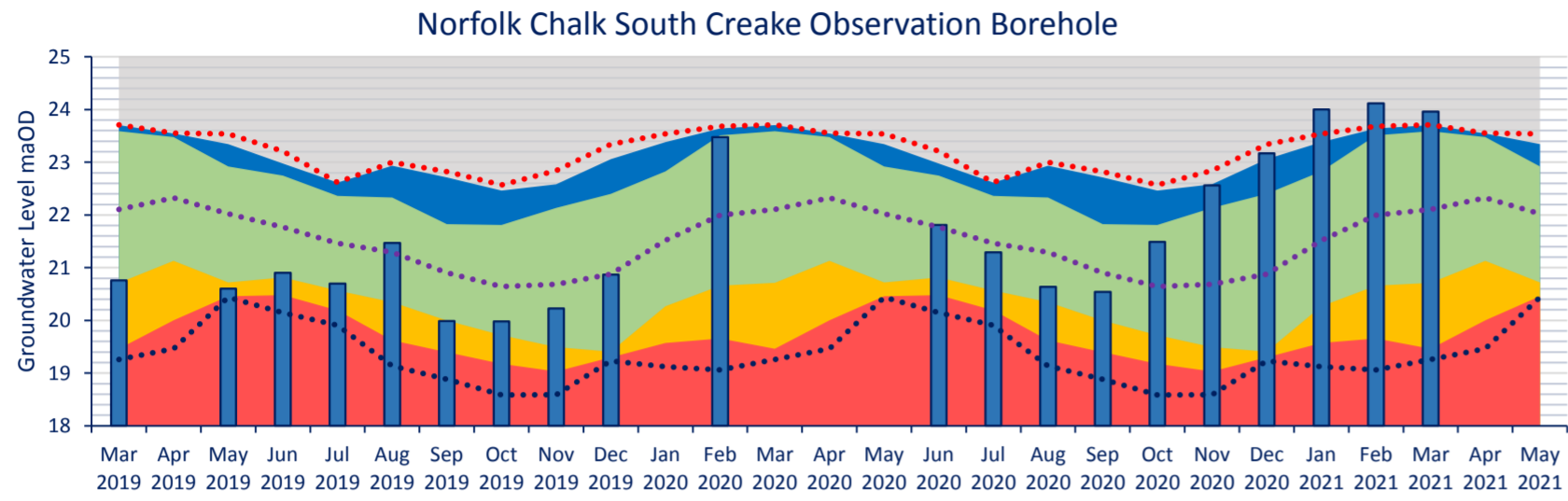
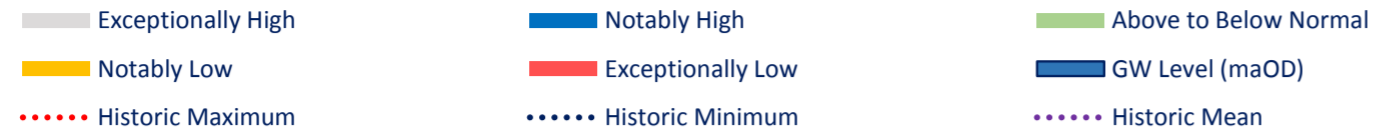
Aquifer	Borehole Location	March 2021
Norfolk Chalk	South Creake OBH	Exceptionally High
Norfolk Chalk	Itteringham BH	Normal
Norfolk Shallow Aquifer	South Creake Piezo	Exceptionally High
Norfolk Shallow Aquifer	Itteringham P1	Normal
Suffolk Chalk 1	Boundary Farm, Mendlesham	No Dip
Suffolk Chalk 2	Low Common	No Dip
Suffolk Shallow Aquifer 1	Hazlewood Common	No Dip
Essex Chalk 1	Great Bradley OBH	No Dip

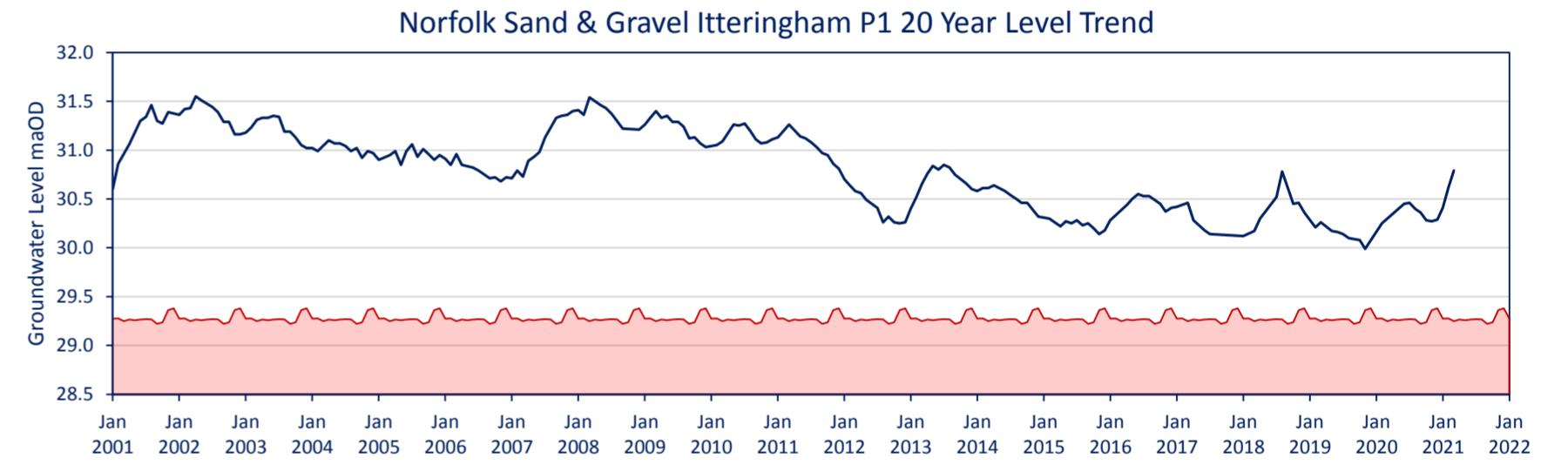
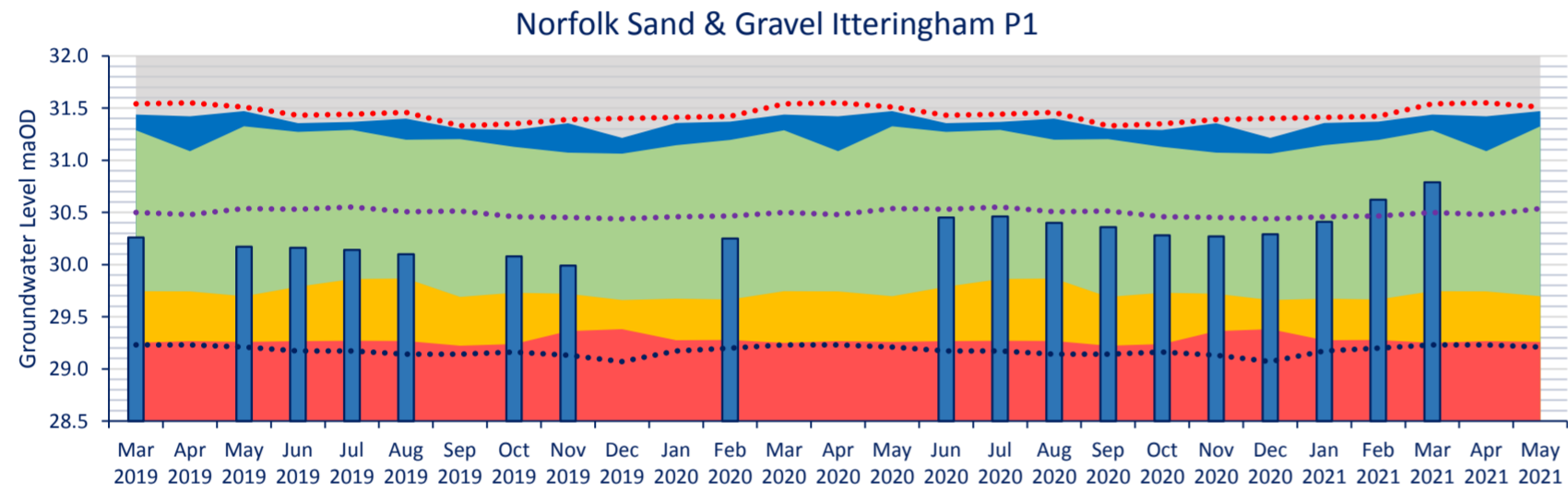
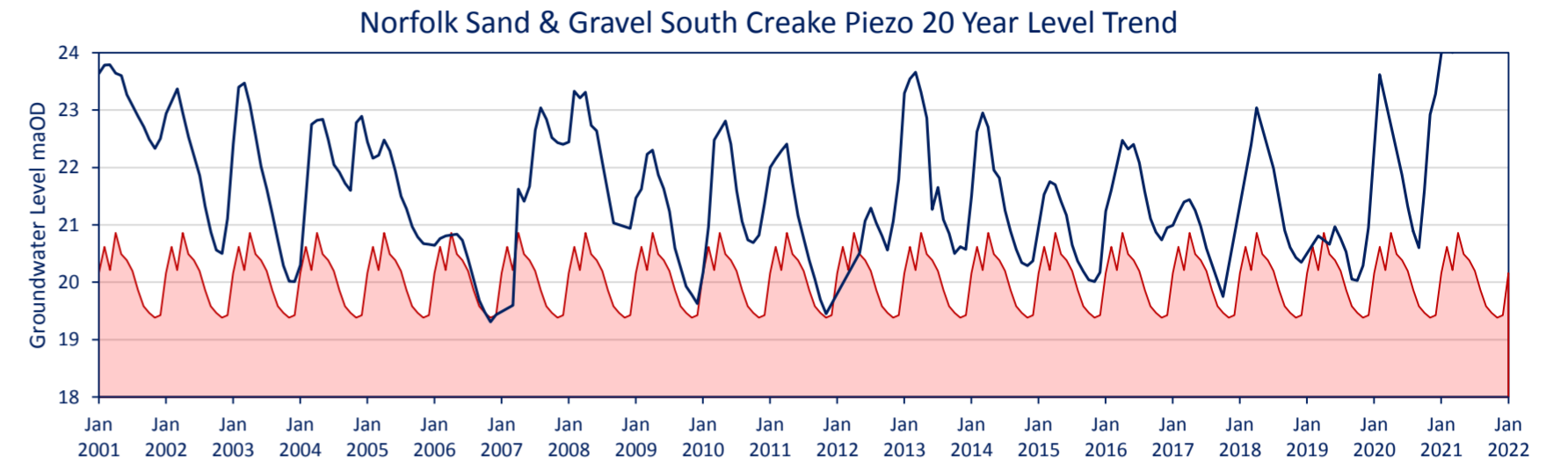
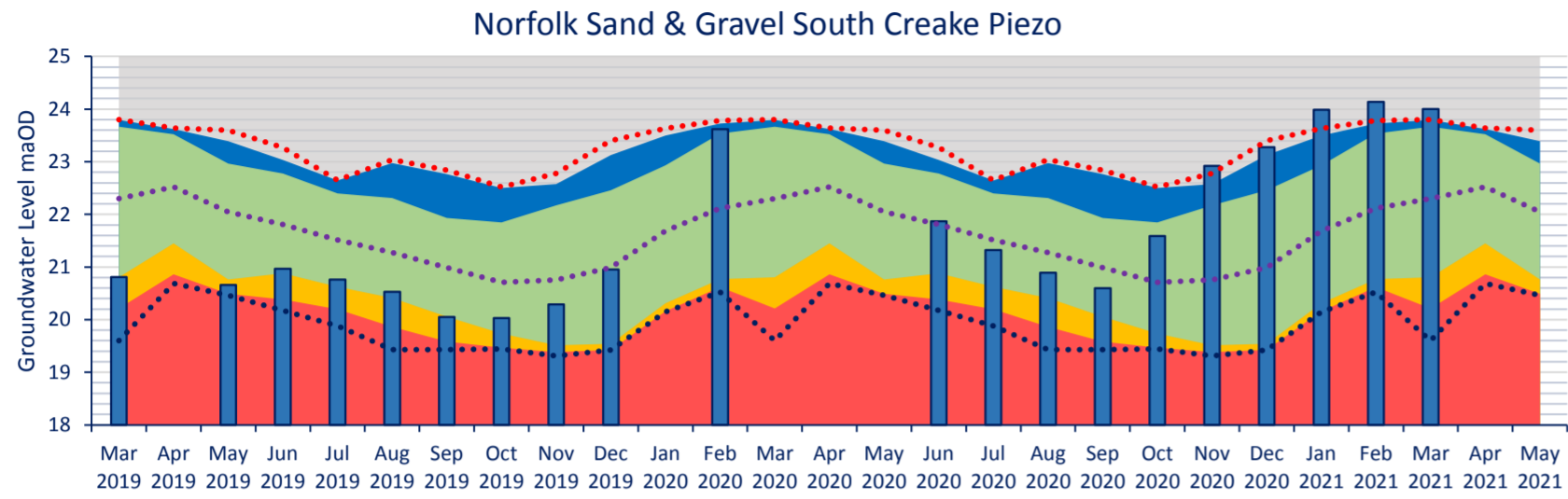
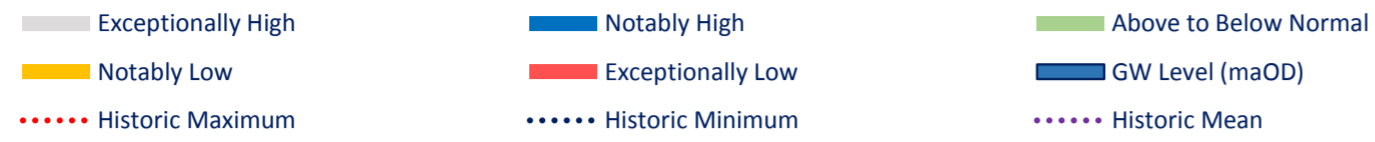
Colour	Aquifer
	Chalk
	Shallow Aquifer (Crag or Sands & Gravels)

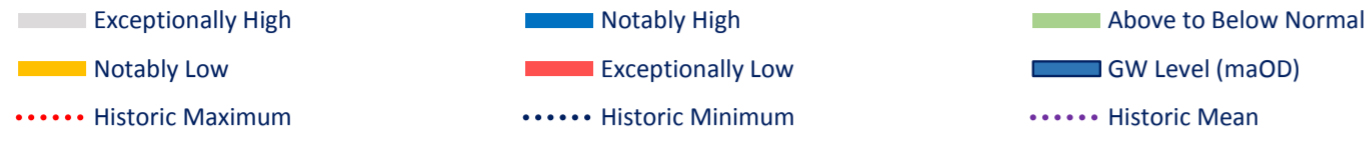
### Previous 11 Months

February 2021	January 2021	December 2020	November 2020	October 2020	September 2020	August 2020	July 2020	June 2020	May 2020	April 2020
Exceptionally High	Exceptionally High	Exceptionally High	Notably High	Above Normal	Normal	Below Normal	Normal	Normal	No Dip	No Dip
Normal	Normal	Normal	Normal	Below Normal	Normal	Normal	Normal	Normal	No Dip	No Dip
Exceptionally High	Exceptionally High	Exceptionally High	Exceptionally High	Above Normal	Normal	Normal	Normal	Normal	No Dip	No Dip
Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	No Dip	No Dip
No Dip	Notably Low	Notably Low	Exceptionally Low	Below Normal	Notably Low	Exceptionally Low	Exceptionally Low	Notably Low	No Dip	No Dip
No Dip	Normal	Notably High	Above Normal	Above Normal	Below Normal	Below Normal	Below Normal	Below Normal	No Dip	No Dip
No Dip	Normal	Normal	Normal	Above Normal	Normal	No Dip	Above Normal	Normal	No Dip	No Dip
No Dip	Exceptionally Low	Below Normal	Notably Low	Notably Low	Exceptionally Low	Exceptionally Low	Notably Low	Notably Low	No Dip	No Dip

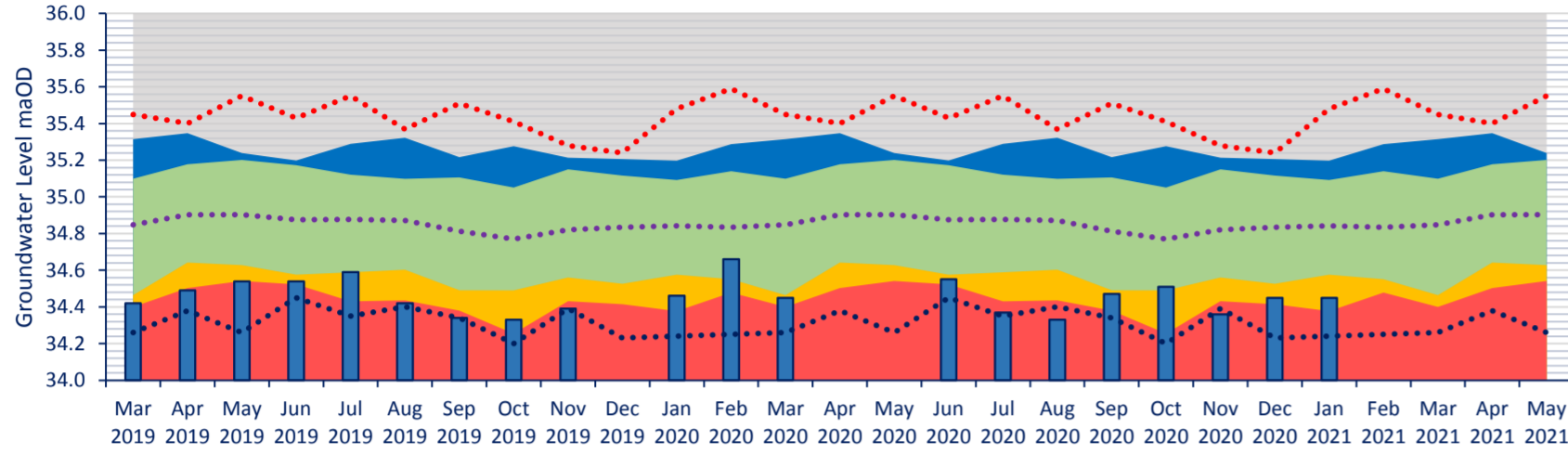
Category Key	Probability of occurrence	Return period (approx.)
Exceptionally Low	0.05 (5%)	> 1 in 20
Notably Low	0.08 (8%)	> 1 in 8 to 1 in 20
Below Normal	0.15 (15%)	> 1 in 4 to 1 in 8
Normal	0.44 (44%)	< 1 in 4
Above Normal	0.15 (15%)	> 1 in 4 to 1 in 8
Notably High	0.08 (8%)	> 1 in 8 to 1 in 20
Exceptionally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



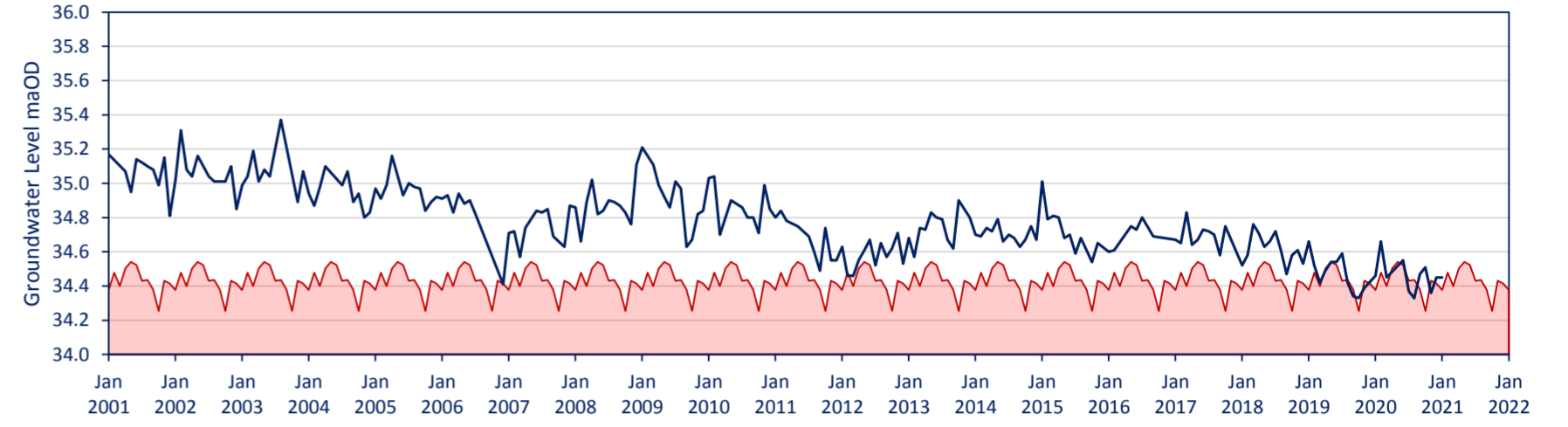




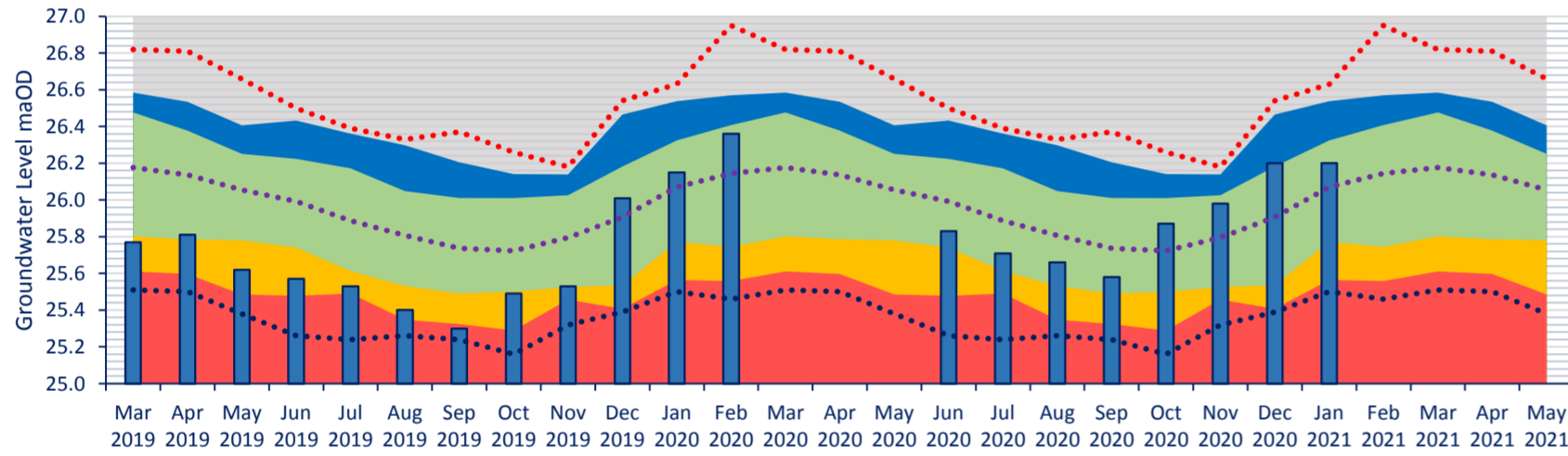
**Suffolk Chalk Boundary Farm, Mendlesham**



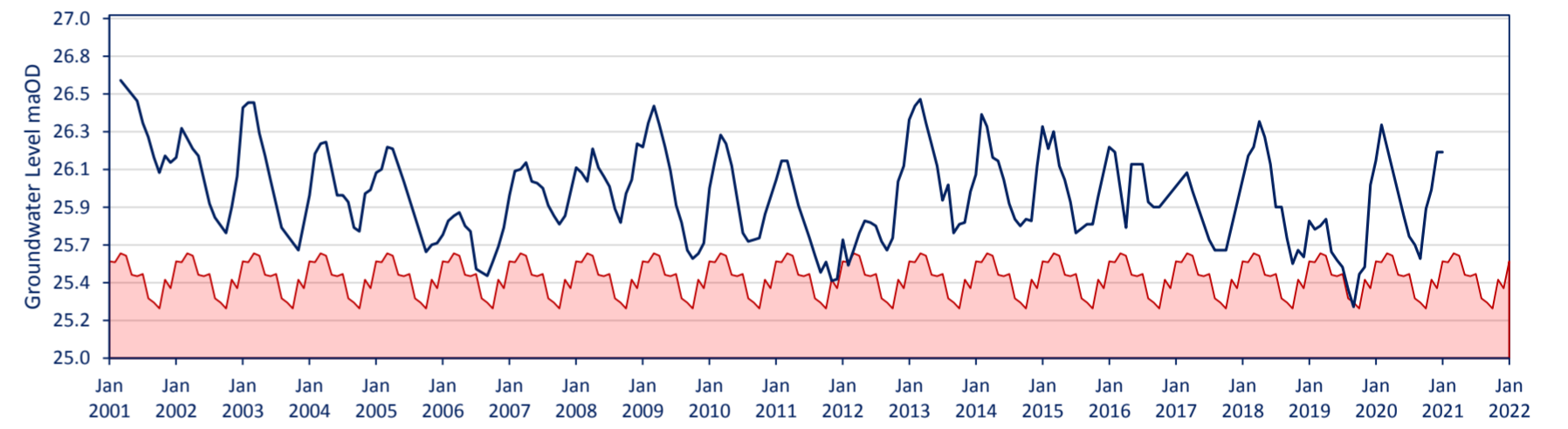
**Suffolk Chalk Boundary Farm, Mendlesham 20 Year Level Trend**



**Suffolk Chalk Low Common**



**Suffolk Chalk Low Common 20 Year Level Trend**

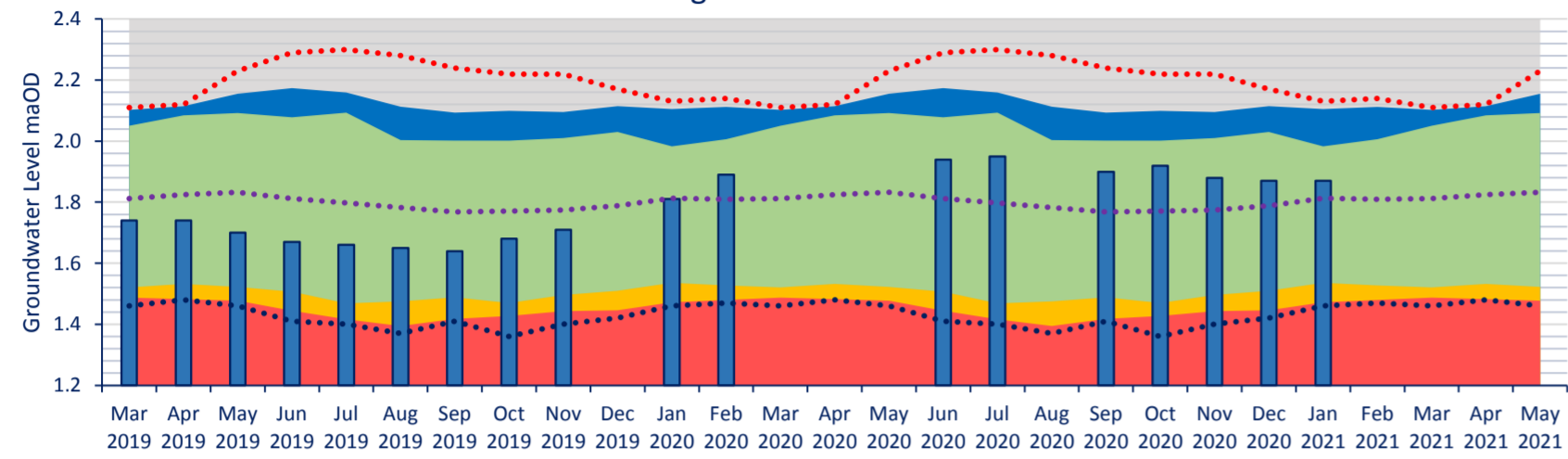


# Groundwater Levels Suffolk Shallow Aquifer Sites

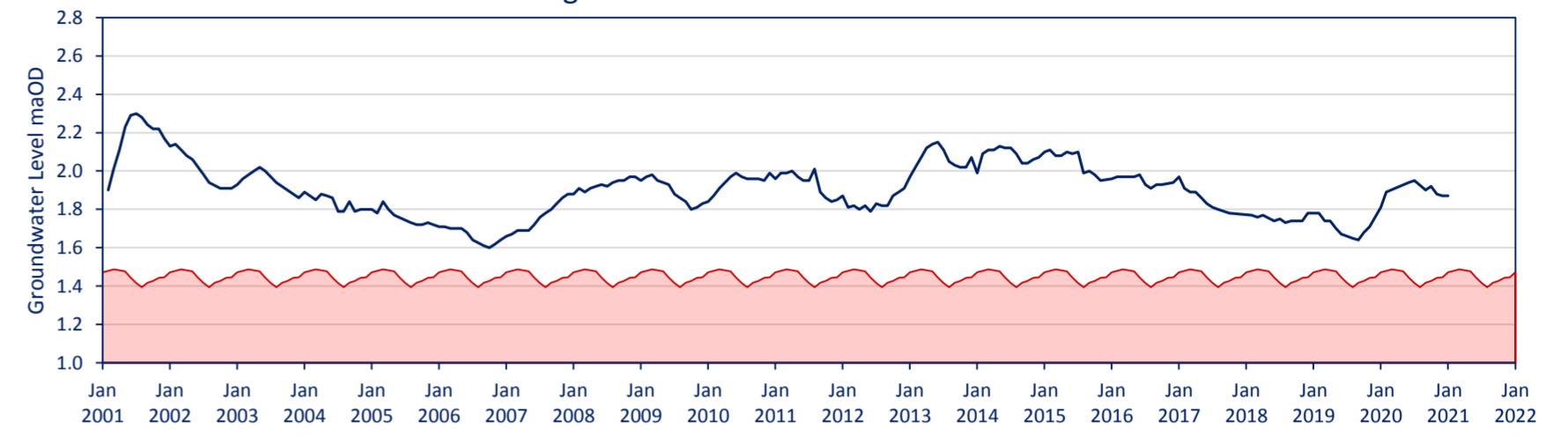
- Exceptionally High
  - Notably Low
  - Historic Maximum
- Notably High
  - Exceptionally Low
  - Historic Minimum
- Above to Below Normal
  - GW Level (maOD)
  - Historic Mean

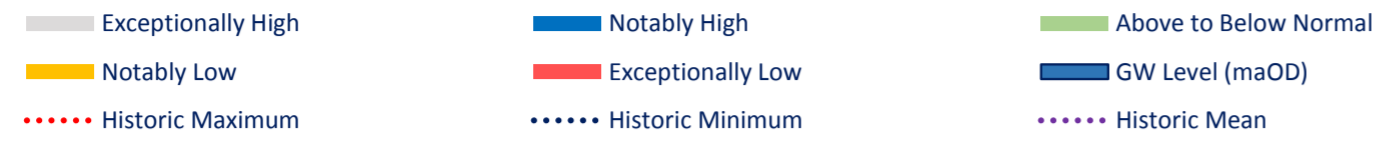
- Exceptionally Low Level (Return Period > 1 in 20 Years)
- Groundwater Level maOD

Suffolk Crag Hazlewood Common

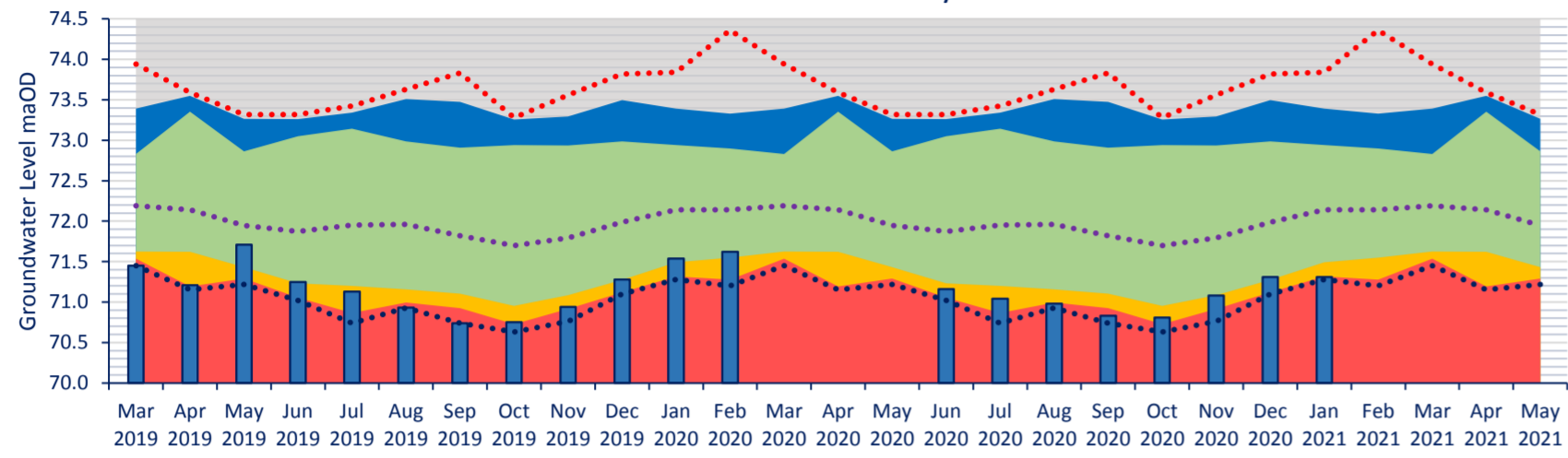


Suffolk Crag Hazlewood Common 20 Year Level Trend





Essex Chalk Great Bradley OBH



Essex Chalk Great Bradley OBH 20 Year Level Trend

