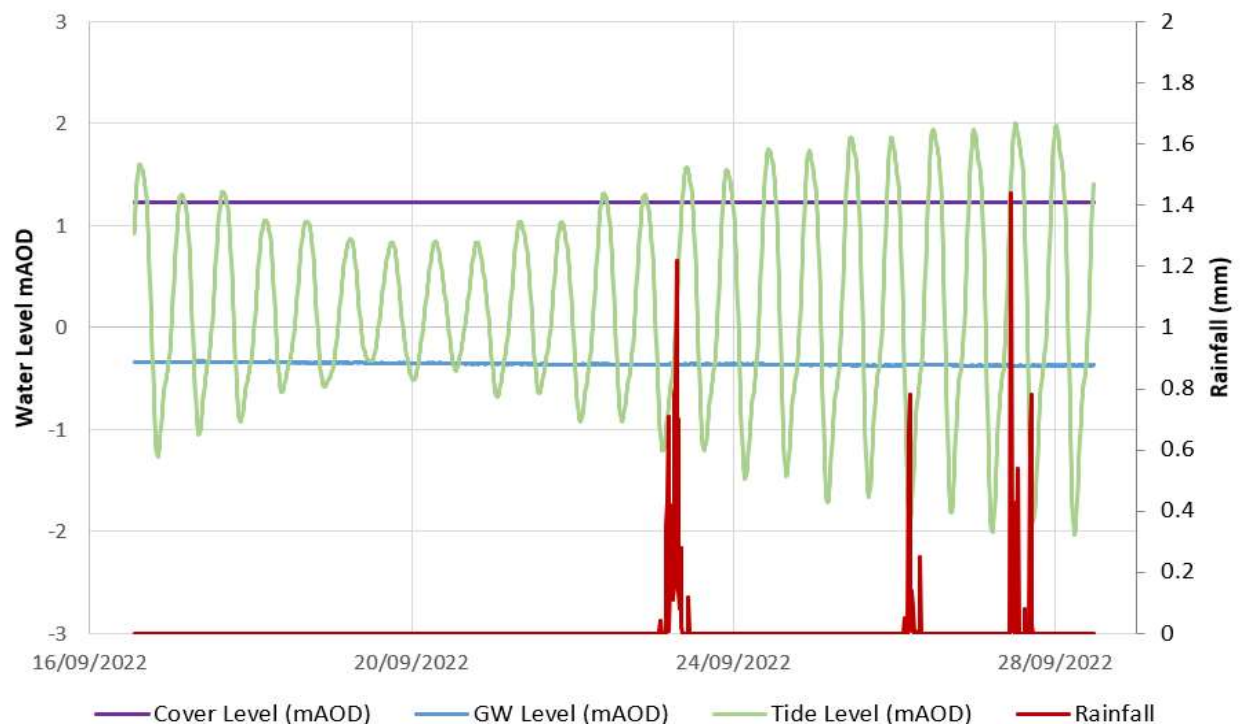


## E – Hydrographs

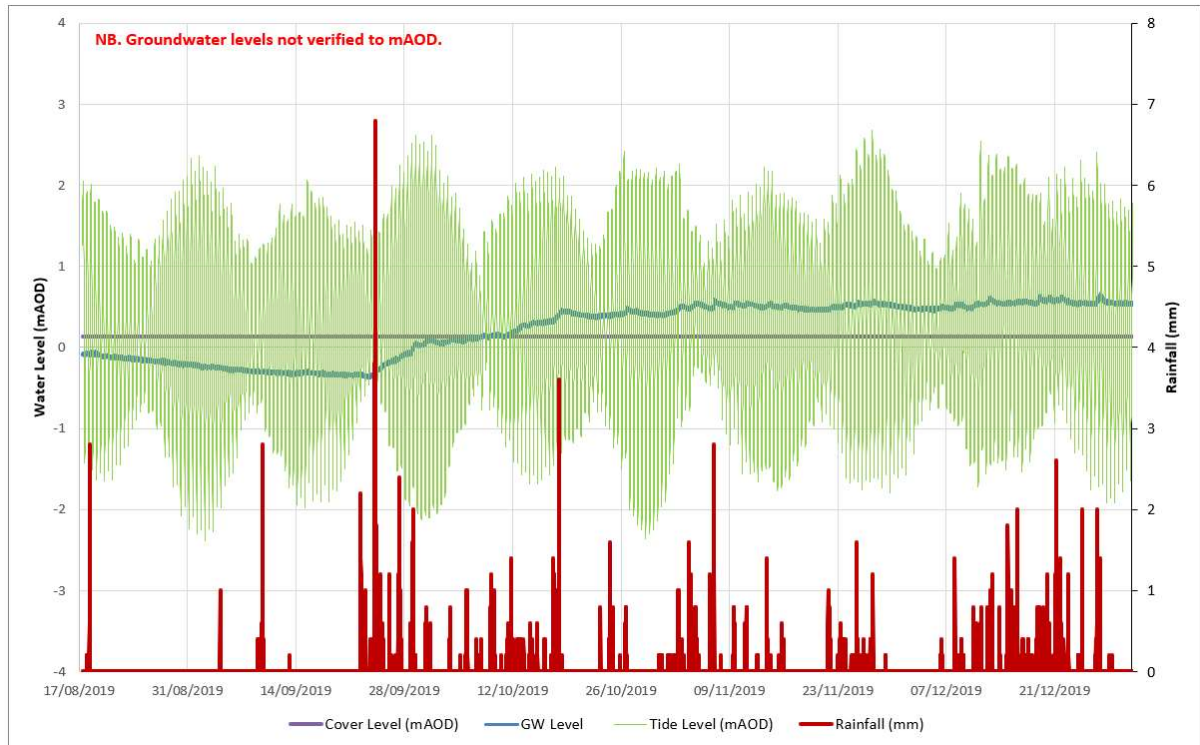
### D.1 2a – Wimbledon Park North Hydrograph

Hydrograph for 2a Wimbledon Park North shows a rising and falling tide level between 16/09/2022 to 28/09/2022. The maximum tide level was 2.0m above Ordnance Datum (AOD) and the minimum level was -2.04m AOD. The blue line denotes a steady groundwater level between -0.378m and -0.331m AOD during the monitoring period. Borehole shows slight response to tidal influence but is generally unresponsive to rainfall. The ground surface level for borehole 2a is 1.23m AOD.

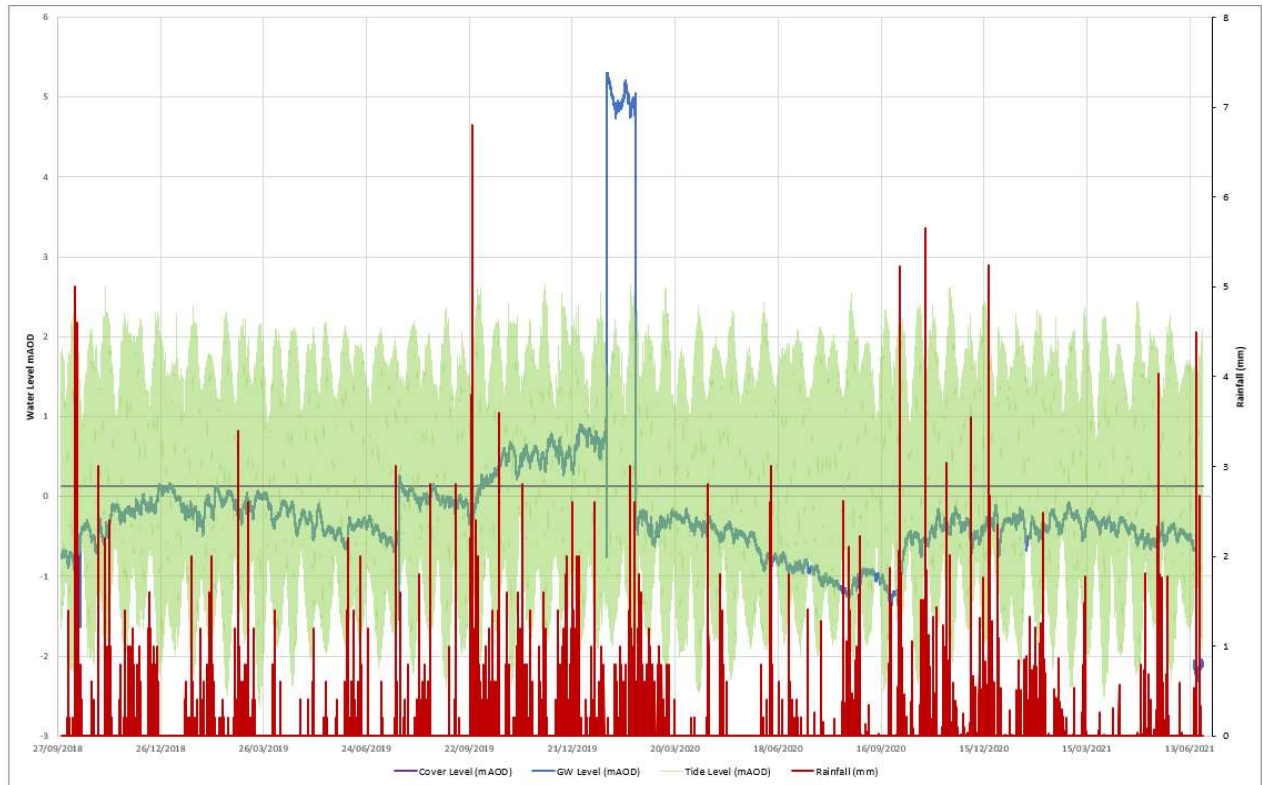


## D.2 2b – Wimbledon Park South Hydrographs

Hydrograph for 2b Wimbledon Park South shows a rising and falling tide level between 17/08/2019 to 31/12/2019. The maximum tide level was 2.67m above Ordnance Datum (AOD) and the minimum level was -2.39m AOD. The blue line denotes a groundwater level between -0.372m rising gradually to 0.667m AOD during the monitoring period, reflecting wetter winter periods and response to rainfall. The ground surface level for borehole 2b is 0.13m AOD.

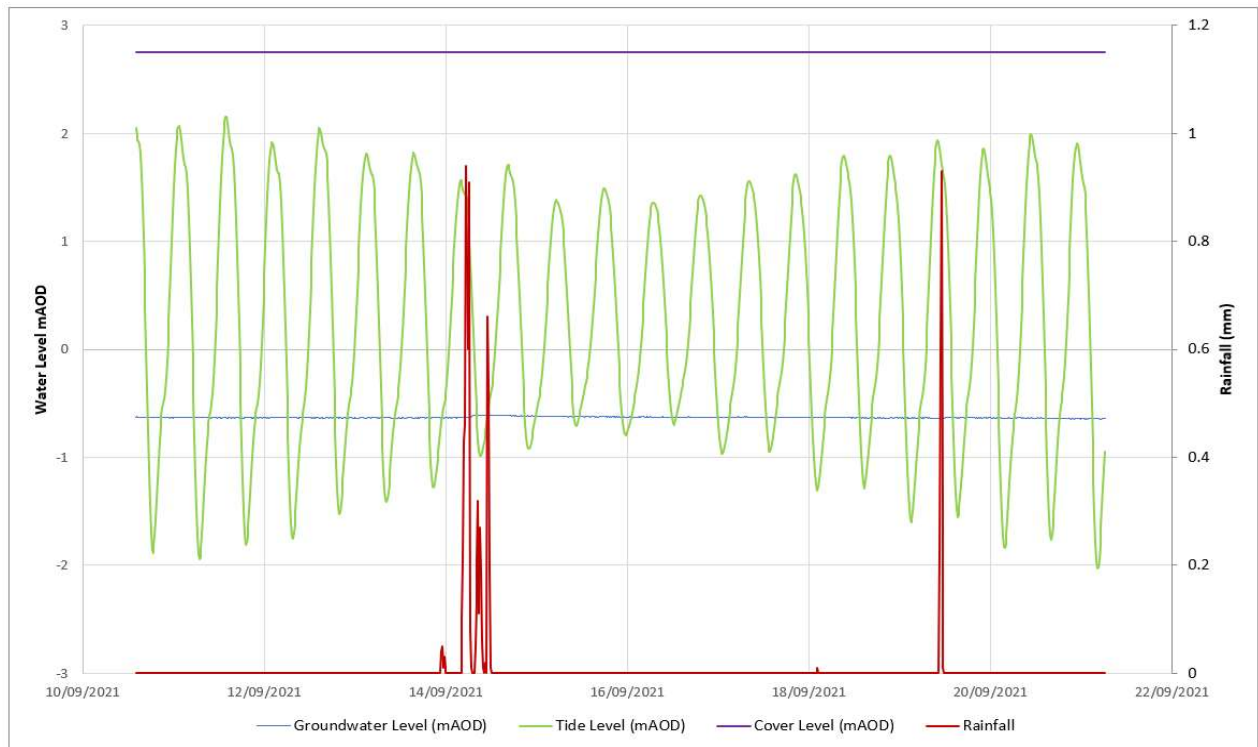


Hydrograph for telemetry monitoring at 2b Wimbledon Park South shows a rising and falling tide level between 27/09/2018 to 24/06/2021. The maximum level was 2.67m above Ordnance Datum (AOD) and the minimum level was -2.64m AOD. The blue line denotes a groundwater level between -1.63m during autumn 2020 to a maximum level of 5.30m AOD during late December 2019 to January 2020. This likely reflects periods of groundwater flooding or inundation of the datalogger. The ground surface level for borehole 2b is 0.13m AOD.



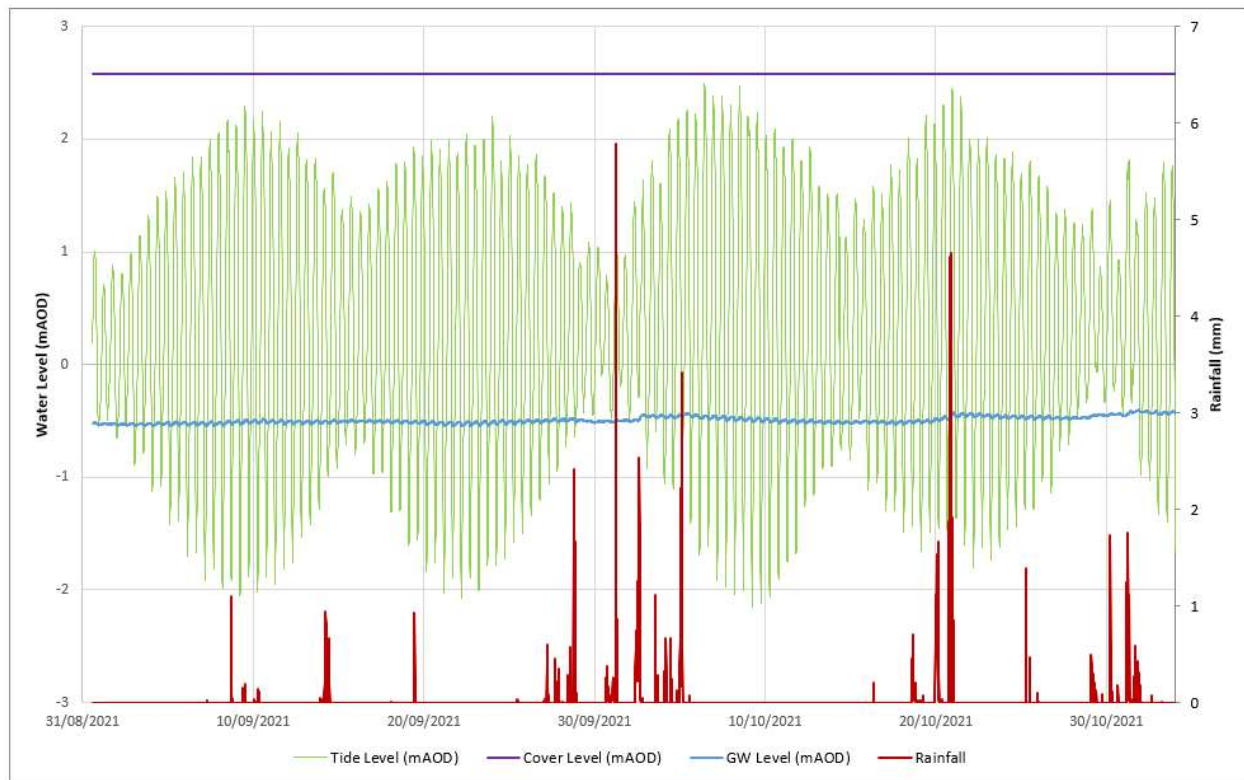
### D.3 2c – Strand Hydrograph

Hydrograph for 2c Strand shows a rising and falling tide level between 10/09/2021 to 21/09/2021. The maximum tide level was 2.15m above Ordnance Datum (AOD) and the minimum level was -2.03m AOD. The blue line denotes a steady groundwater level between -0.645m to -0.60m AOD during the monitoring period, with the borehole being slightly responsive to rainfall. The ground surface level for borehole 2c is 1.15m AOD.



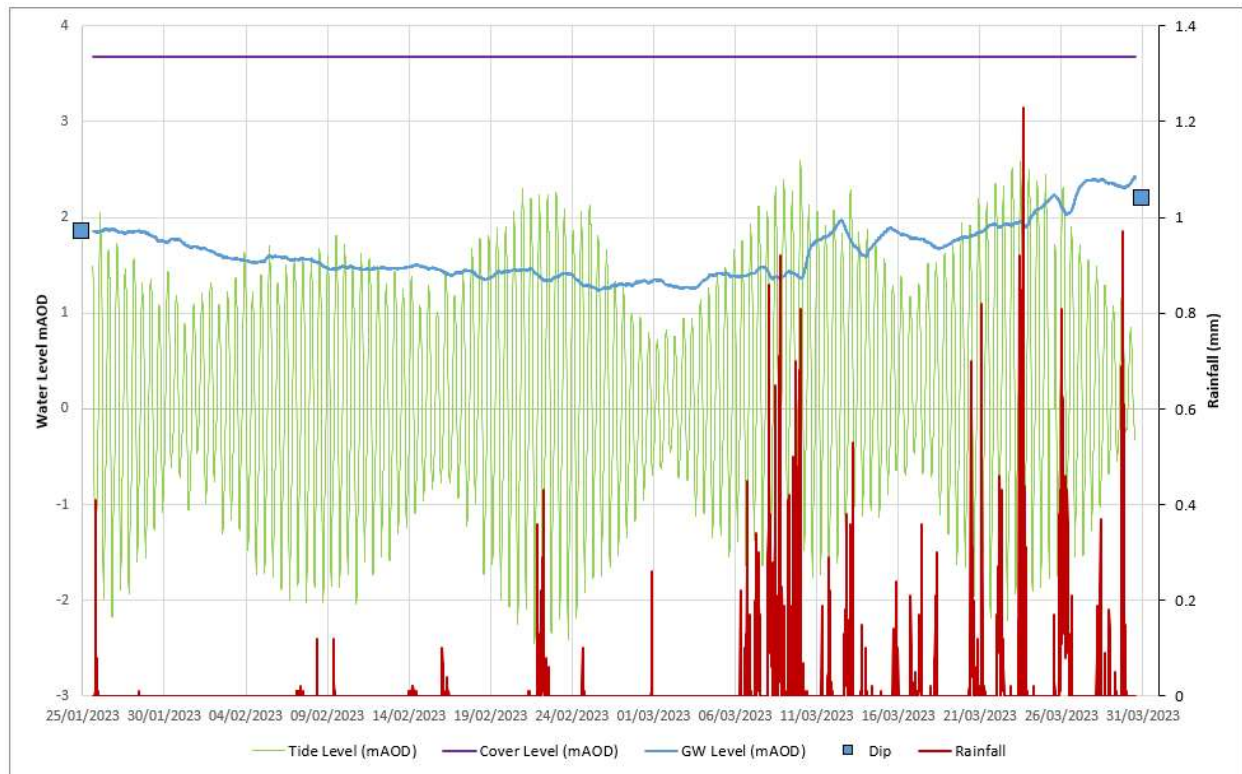
## D.4 2x – Canoe Lake Hydrograph

Hydrograph for 2x Canoe Lake shows a rising and falling tide level between 31/08/2021 to 03/11/2021. The maximum tide level was 2.49m above Ordnance Datum (AOD) and the minimum level was -2.15m AOD. The blue line denotes a gradually rising groundwater level between -0.55m to -0.40m AOD during the monitoring period responding to tidal variation. The ground surface level for borehole 2x is 2.58m AOD.



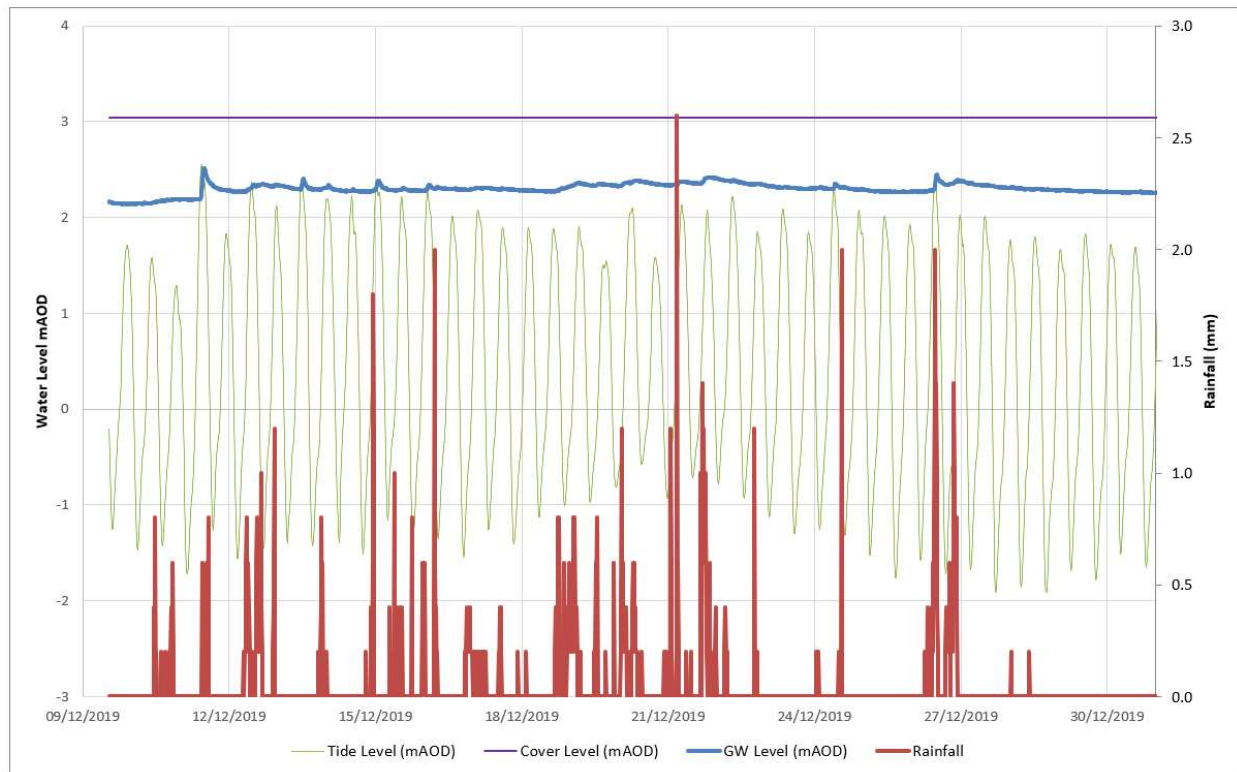
## D.5 3c Bransbury Park Hydrograph

Hydrograph for 3c Bransbury Park shows a rising and falling tide level between 25/01/2023 to 30/03/2023. The maximum tide level was 2.60m above Ordnance Datum (AOD) and the minimum level was -2.45m AOD. The blue line denotes a receding then rising groundwater level between 1.236m to 2.432m AOD during the monitoring period responding to rainfall. The ground surface level for borehole 3c is 3.67m AOD.



## D.6 3y Milton Allotments Hydrograph

Hydrograph for 3y Milton Allotments shows a rising and falling tide level between 09/12/2019 to 31/12/2019. The maximum tide level was 2.55m above Ordnance Datum (AOD) and the minimum level was -1.92m AOD. The blue line denotes the groundwater level between 2.139m to 2.516m AOD during the monitoring period, depicting the groundwater responding to rainfall and potential drainage influences. The ground surface level for borehole 3y is 3.04m AOD.





## D.7 3z St James Green Hydrograph

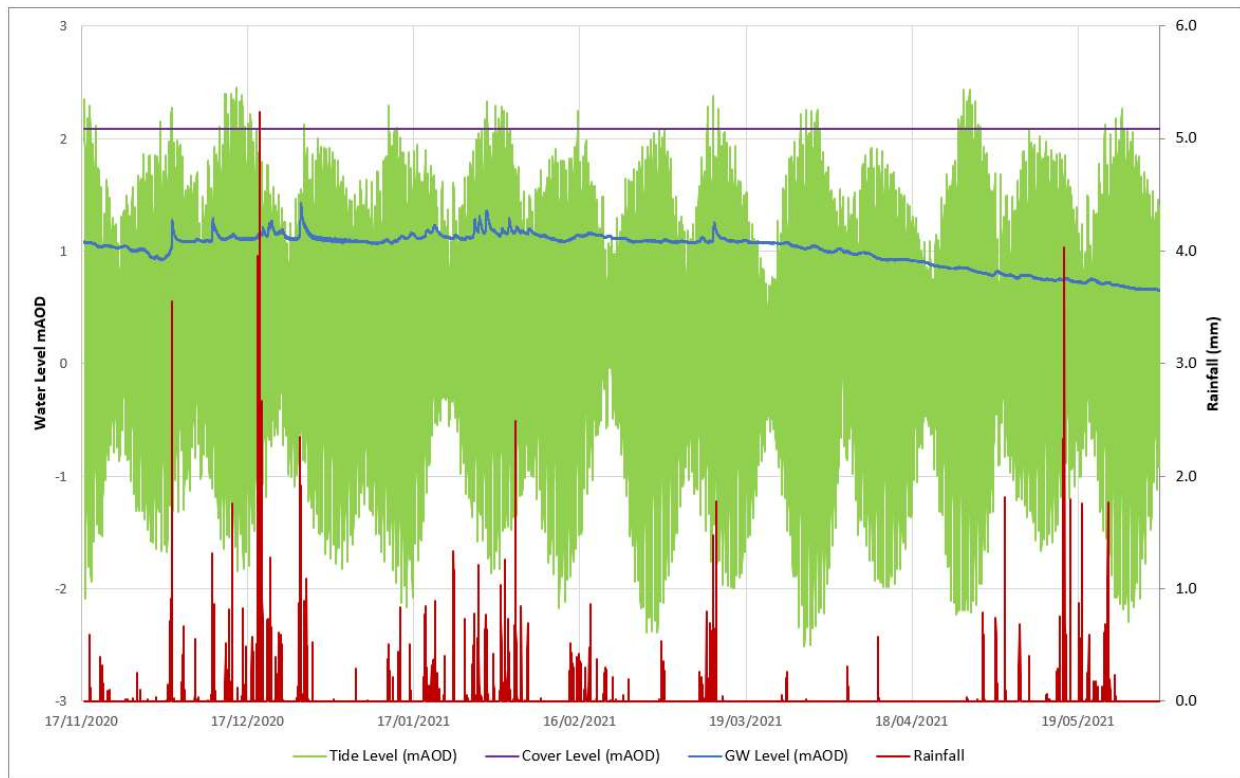
Hydrograph for 3z St James Green shows a rising and falling tide level between 08/06/2021 to 01/07/2022. The maximum tide level was 2.49m above Ordnance Datum (AOD) and the minimum level was -2.27m AOD. The blue line denotes the groundwater level between 1.915m to 2.573m AOD during the monitoring period, depicting seasonal variation and groundwater responding to rainfall. The ground surface level for borehole 3z is 5.02m AOD.



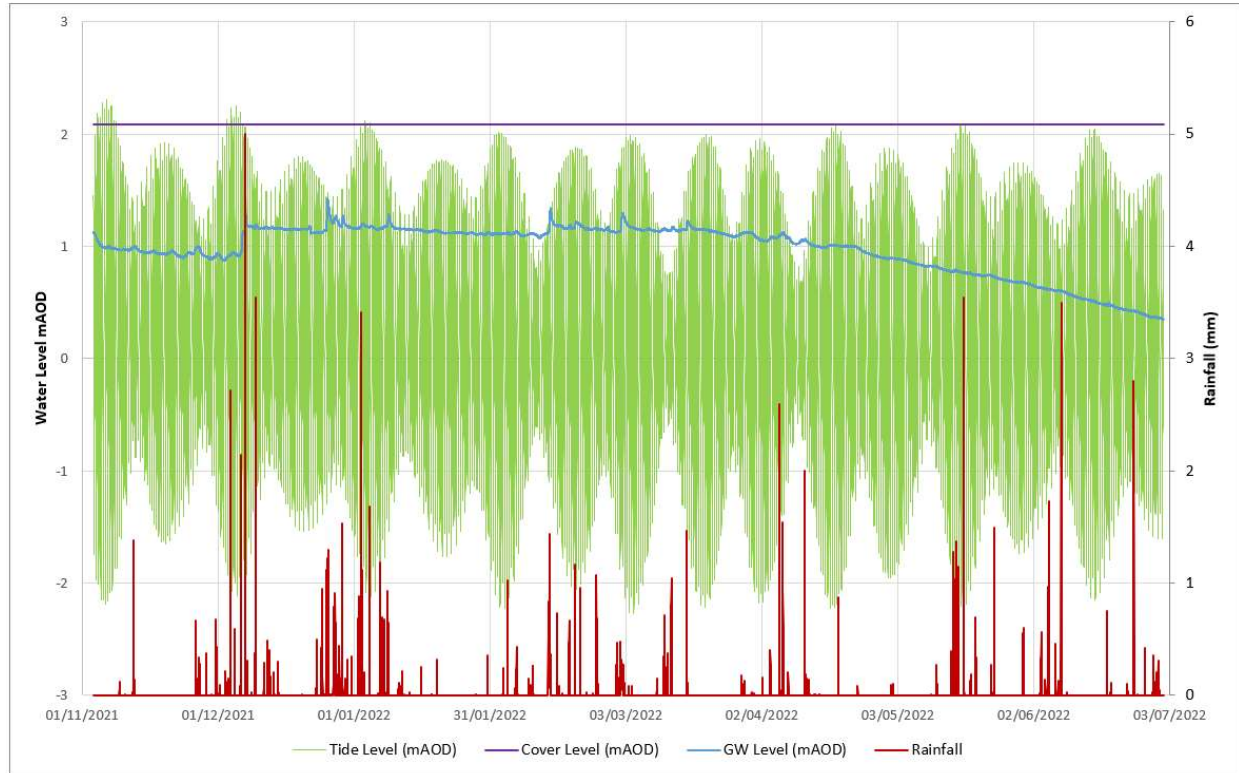


## D.8 4y Tamworth Park Hydrographs

Hydrograph for 4y Tamworth Park shows a rising and falling tide level between 17/11/2020 to 03/06/2022. The maximum tide level was 2.45m above Ordnance Datum (AOD) and the minimum level was -2.51m AOD. The blue line denotes the groundwater level generally receding from 0.642m 1.431m AOD during the monitoring period responding to rainfall. The ground surface level for borehole 4y is 2.09m AOD.

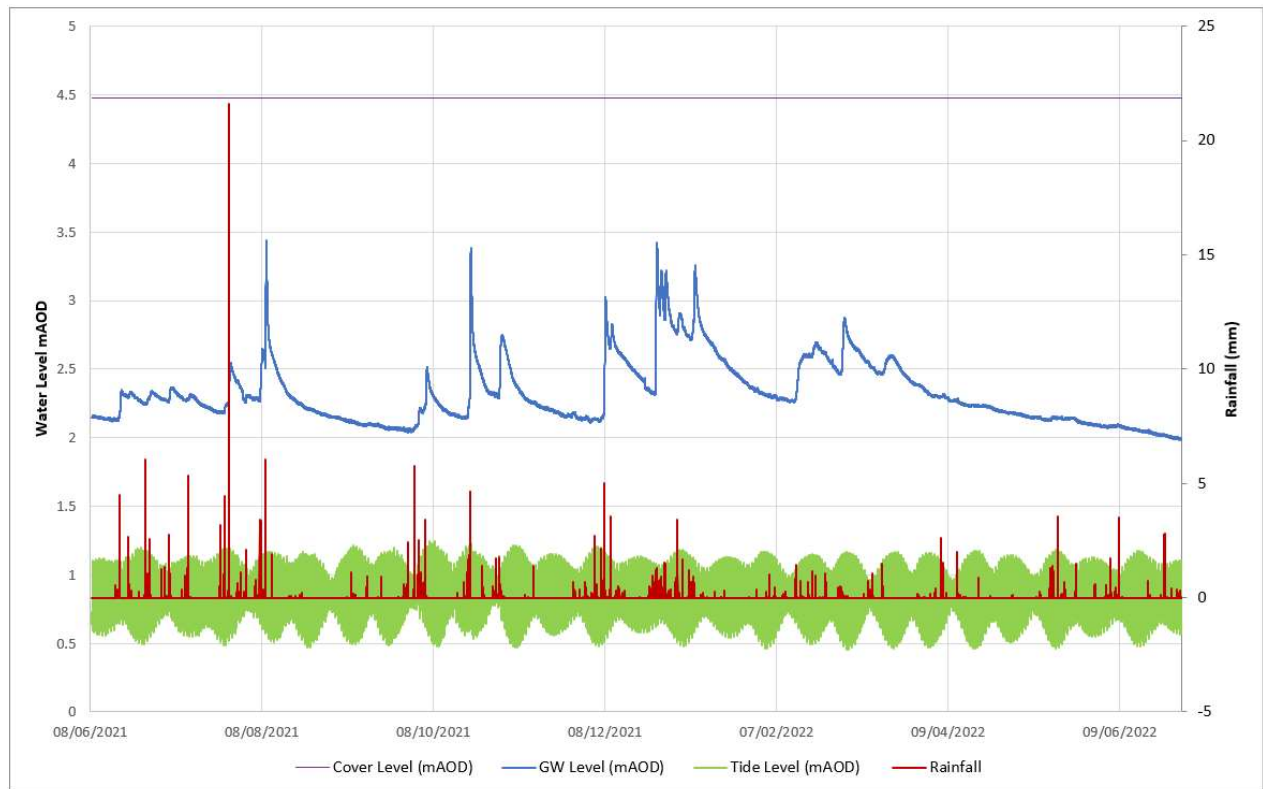


Hydrograph for 4y Tamworth Park shows a rising and falling tide level between 03/11/2021 to 01/07/2022. The maximum tide level was 2.31m above Ordnance Datum (AOD) and the minimum level was -2.27m AOD. The blue line denotes the groundwater level generally receding from 0.345m to 1.43m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole 4y is 2.09m AOD.



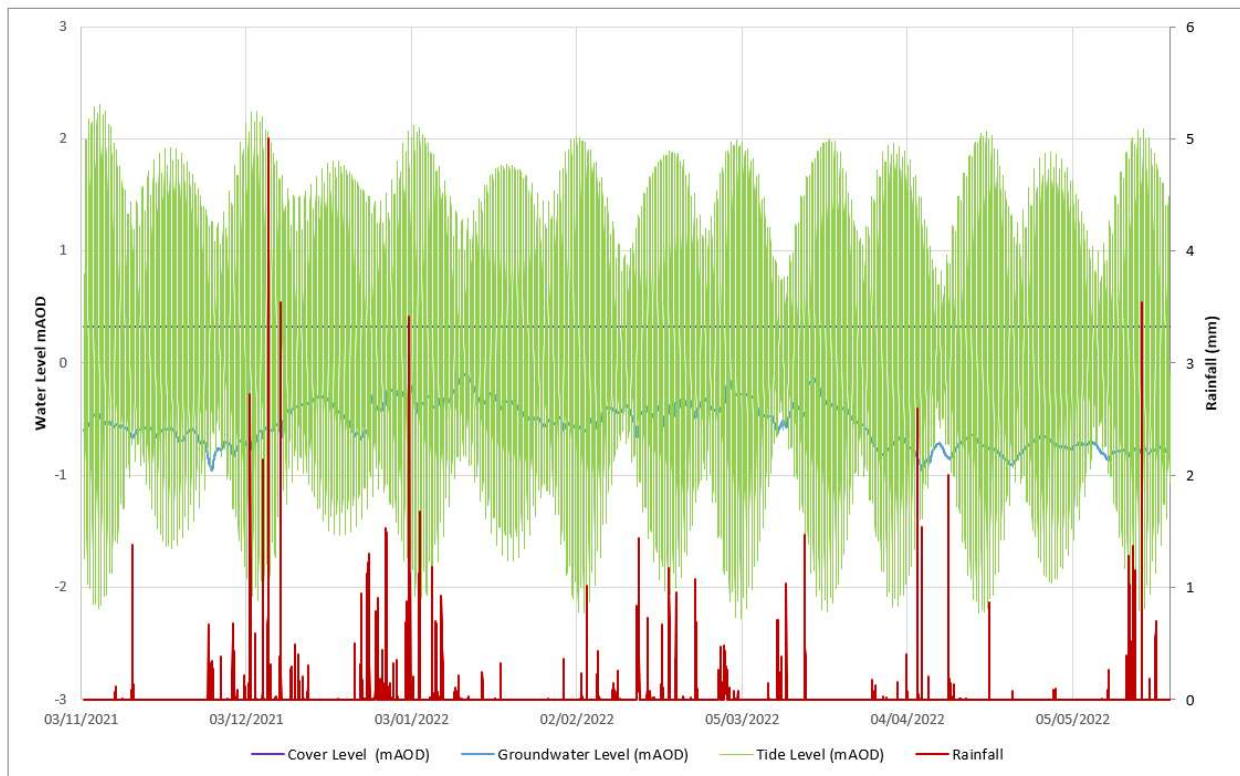
## D.9 4z Milebush Gardens Hydrograph

Hydrograph for 4z Milebush Gardens shows a rising and falling tide level between 08/06/2021 to 01/07/2022. The maximum tide level was 2.49m above Ordnance Datum (AOD) and the minimum level was -2.27m AOD. The blue line denotes the groundwater level from 1.981m to 3.439m AOD during the monitoring period and responding strongly to rainfall. The ground surface level for borehole 4z is 4.48m AOD.

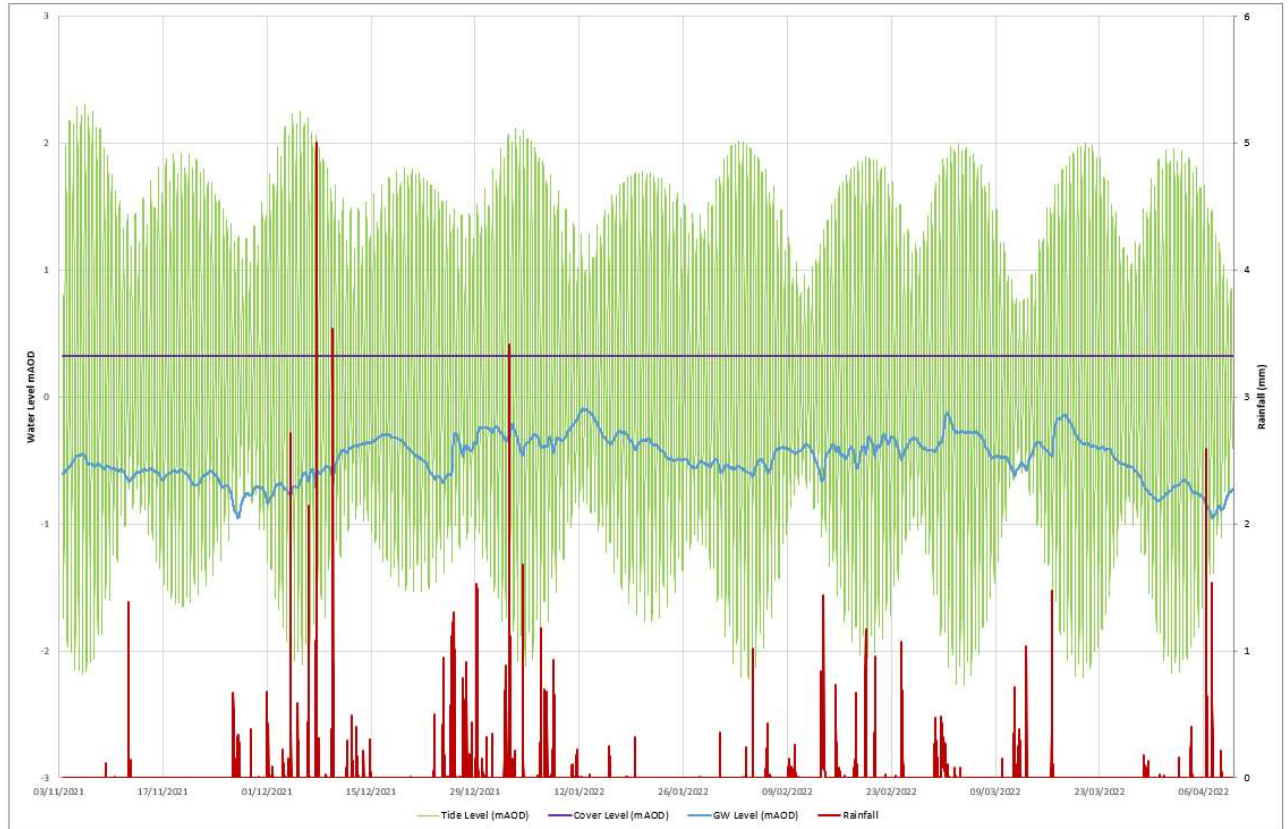


## D.10 5a Great Salterns/Quartremain Road Hydrographs

Hydrograph for 5a Great Salterns/Quartremain Road shows a rising and falling tide level between 03/11/2021 to 23/05/2022. The maximum tide level was 2.31m above Ordnance Datum (AOD) and the minimum level was -2.27m AOD. The blue line denotes the groundwater level from -0.958m to -0.091m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole 5a is 0.33m AOD.

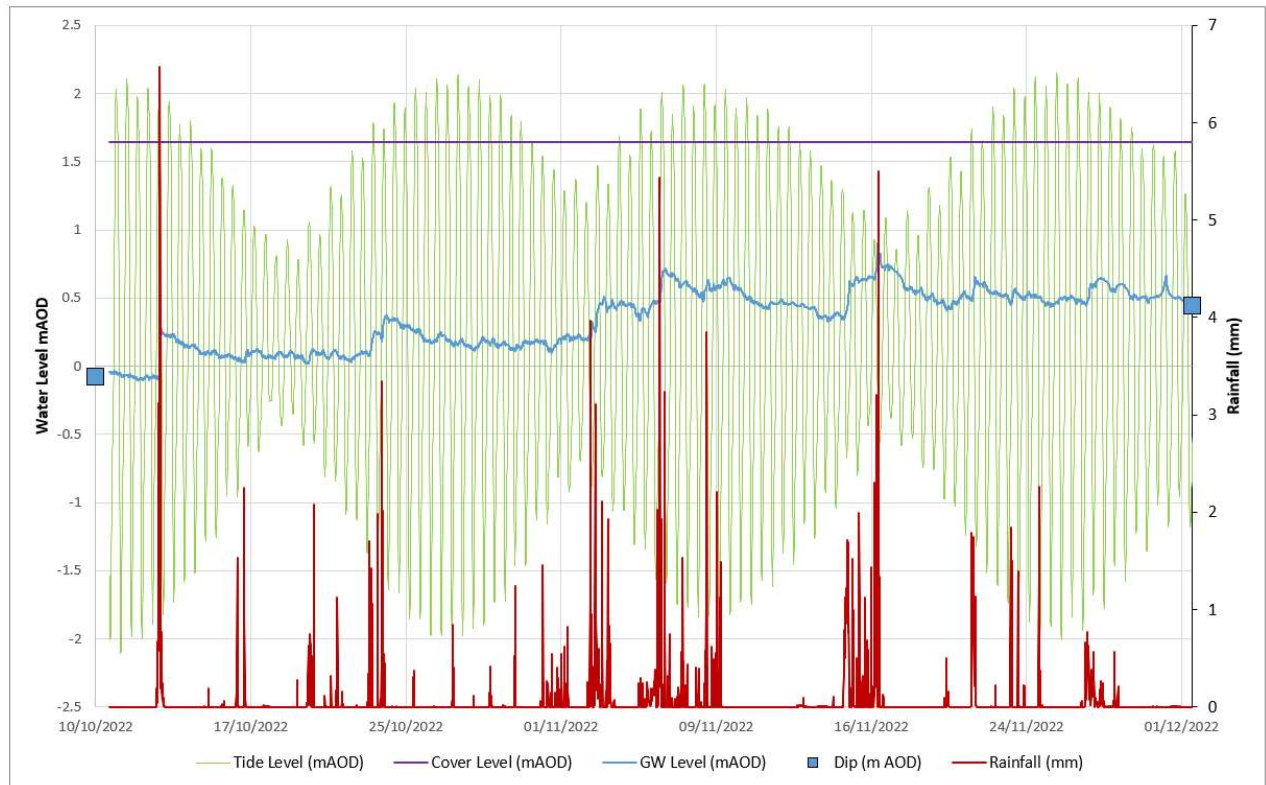


Hydrograph for 5a Great Salterns/Quartremaine Road shows a rising and falling tide level between 03/11/2021 to 10/04/2022. The maximum tide level was 2.31m above Ordnance Datum (AOD) and the minimum level was -2.27m AOD. The blue line denotes the groundwater level from -0.958m to -0.091m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole 5a is 0.33m AOD.



## D.11 – 10d Station Road Hydrograph

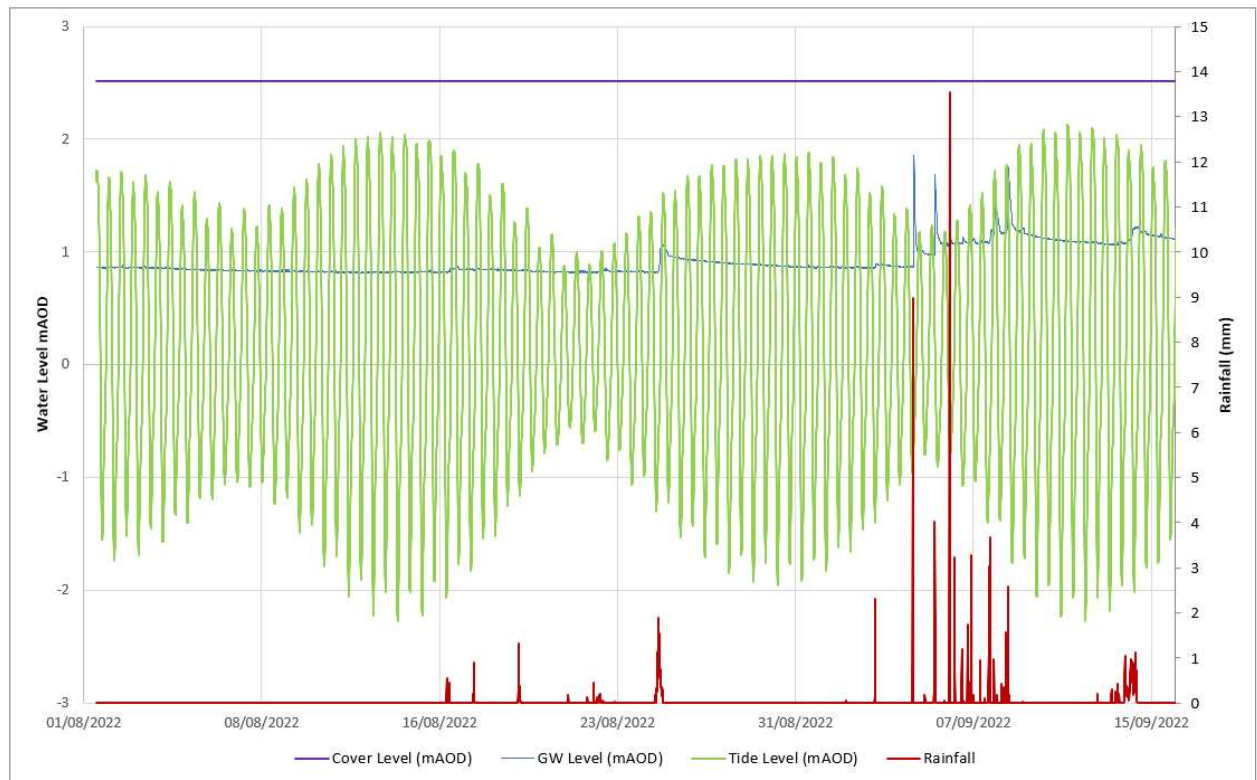
Hydrograph for 10d Station Road shows a rising and falling tide level between 10/10/2022 to 02/12/2022. The maximum tide level was 2.15m above Ordnance Datum (AOD) and the minimum level was -2.11m AOD. The blue line denotes the groundwater level from -0.106m to 0.90m AOD during the monitoring period and responding strongly to rainfall. The ground surface level for borehole 10d is 1.65m AOD.





## D.12 10y Central Road Hydrograph

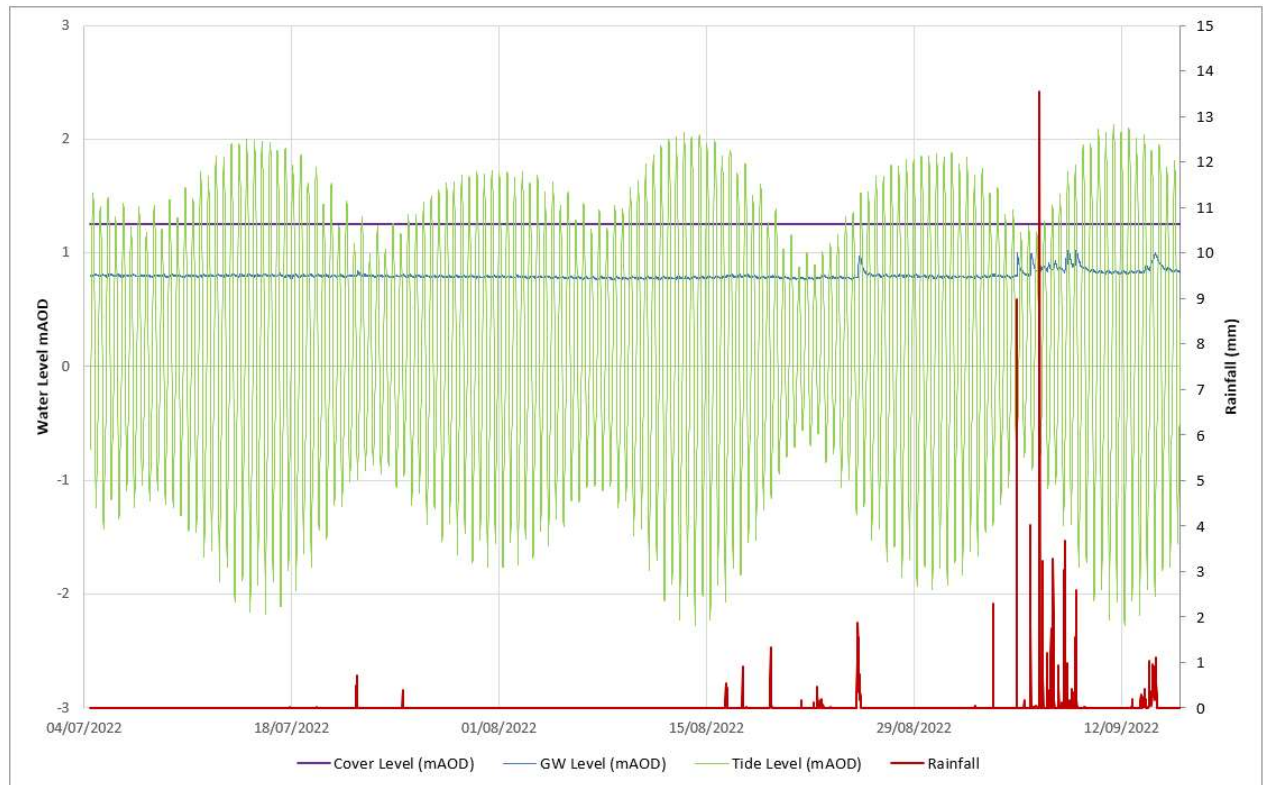
Hydrograph for 10d Station Road shows a rising and falling tide level between 01/08/2022 to 16/09/2022. The maximum tide level was 2.13m above Ordnance Datum (AOD) and the minimum level was -2.28m AOD. The blue line denotes the groundwater level from 0.81m to 1.85m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole 10y is 2.51m AOD.



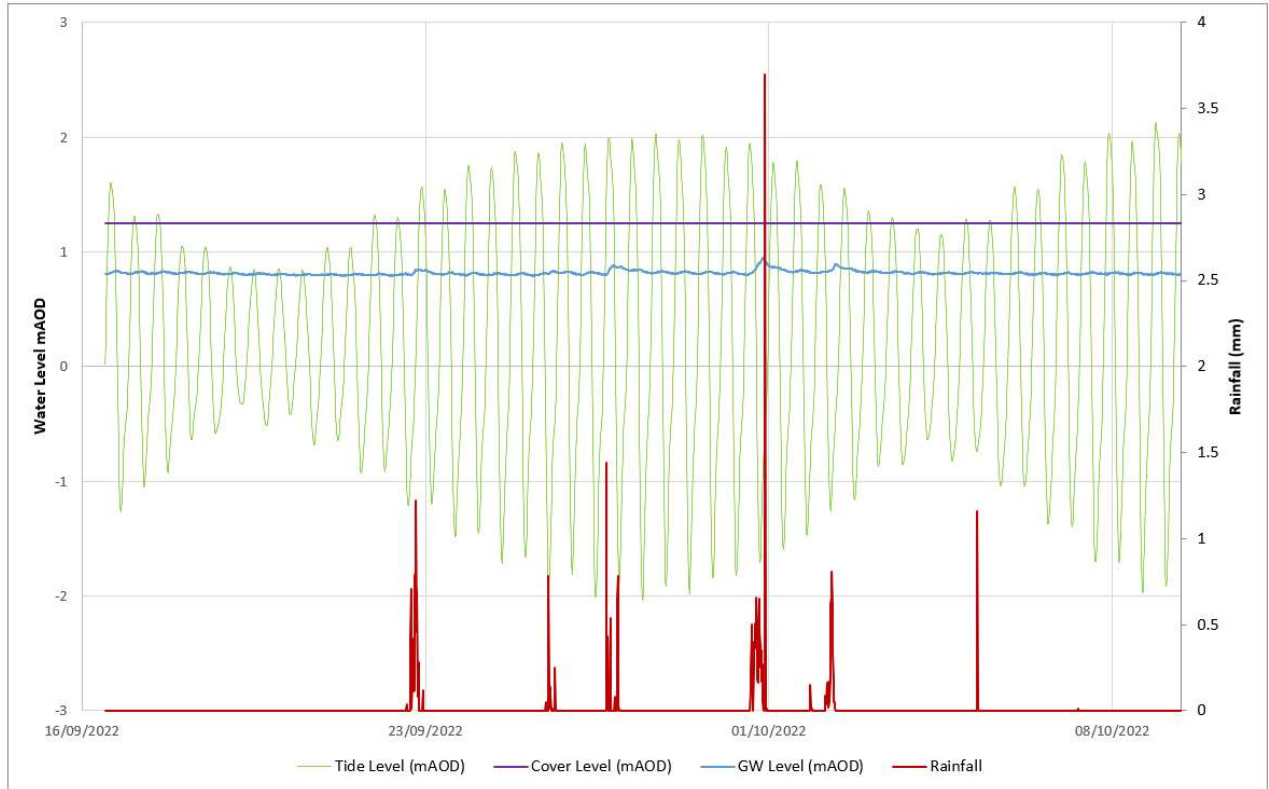


## D.13 10z Cygnet Road Hydrographs

Hydrograph for 10z Cygnet Road shows a rising and falling tide level between 04/07/2022 to 16/09/2022. The maximum tide level was 2.13m above Ordnance Datum (AOD) and the minimum level was -2.28m AOD. The blue line denotes the groundwater level from 0.761m to 1.022m AOD during the monitoring period and to tidal variation and rainfall. The ground surface level for borehole 10z is 1.253m AOD.

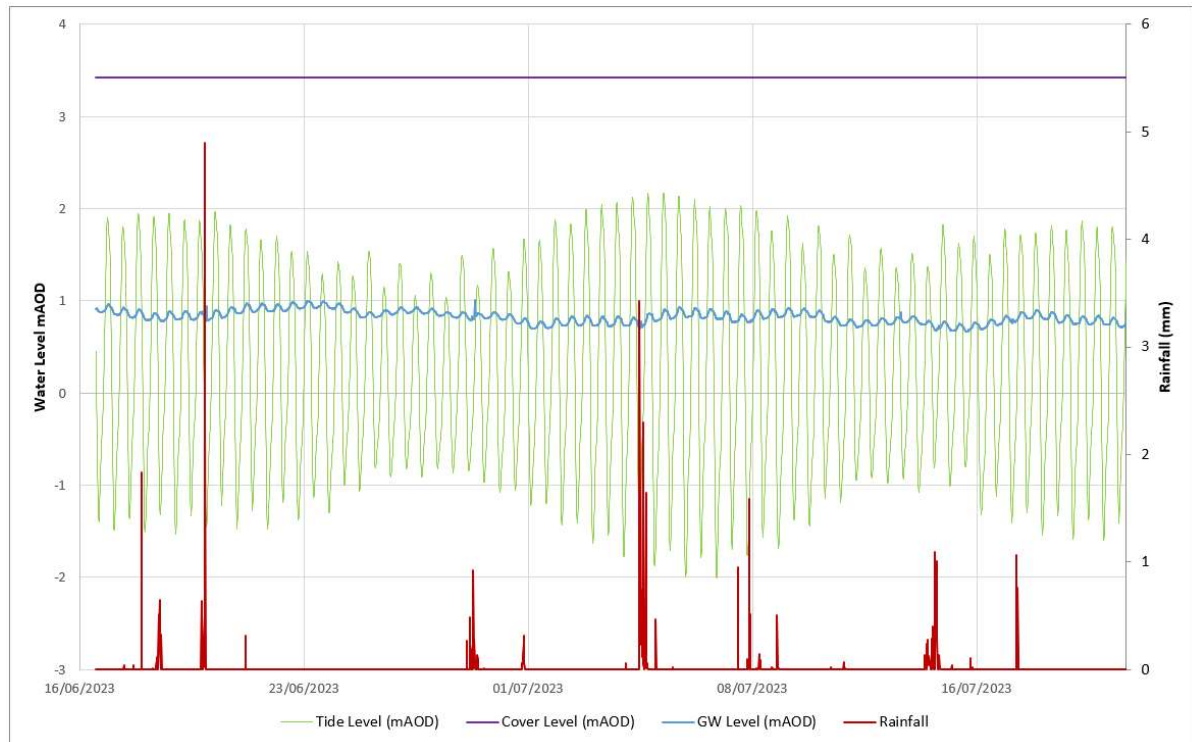


Hydrograph for 10z Cygnet Road shows a rising and falling tide level between 16/09/2022 to 10/10/2022. The maximum tide level was 2.14m above Ordnance Datum (AOD) and the minimum level was -2.11m AOD. The blue line denotes the groundwater level from 0.79m to 0.944m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole 10z is 1.253m AOD.



## D.14 – 11b Tudor Crescent Hydrographs

Hydrograph for 11b Tudor Crescent shows a rising and falling tide level between 16/06/2023 to 21/07/2023. The maximum tide level was 2.17m above Ordnance Datum (AOD) and the minimum level was -2.0m AOD. The blue line denotes the groundwater level from 0.667m to 1.014m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole 11b is 3.421m AOD.

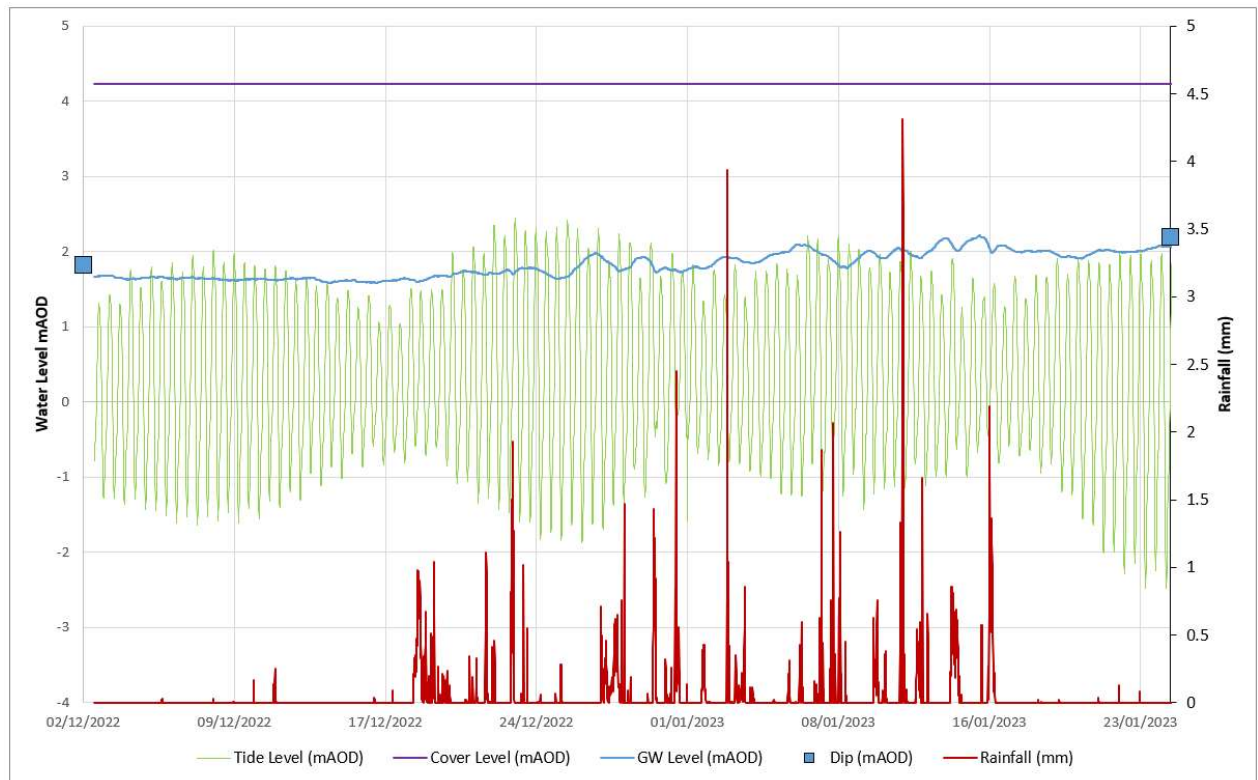


Hydrograph for 11b Tudor Crescent shows a rising and falling tide level between 21/07/2023 to 14/08/2023. The maximum tide level was 2.47m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from 0.199m to 1.715m AOD during the monitoring period and responding to tidal variation and some response to rainfall. The ground surface level for borehole 11b is 3.421m AOD.



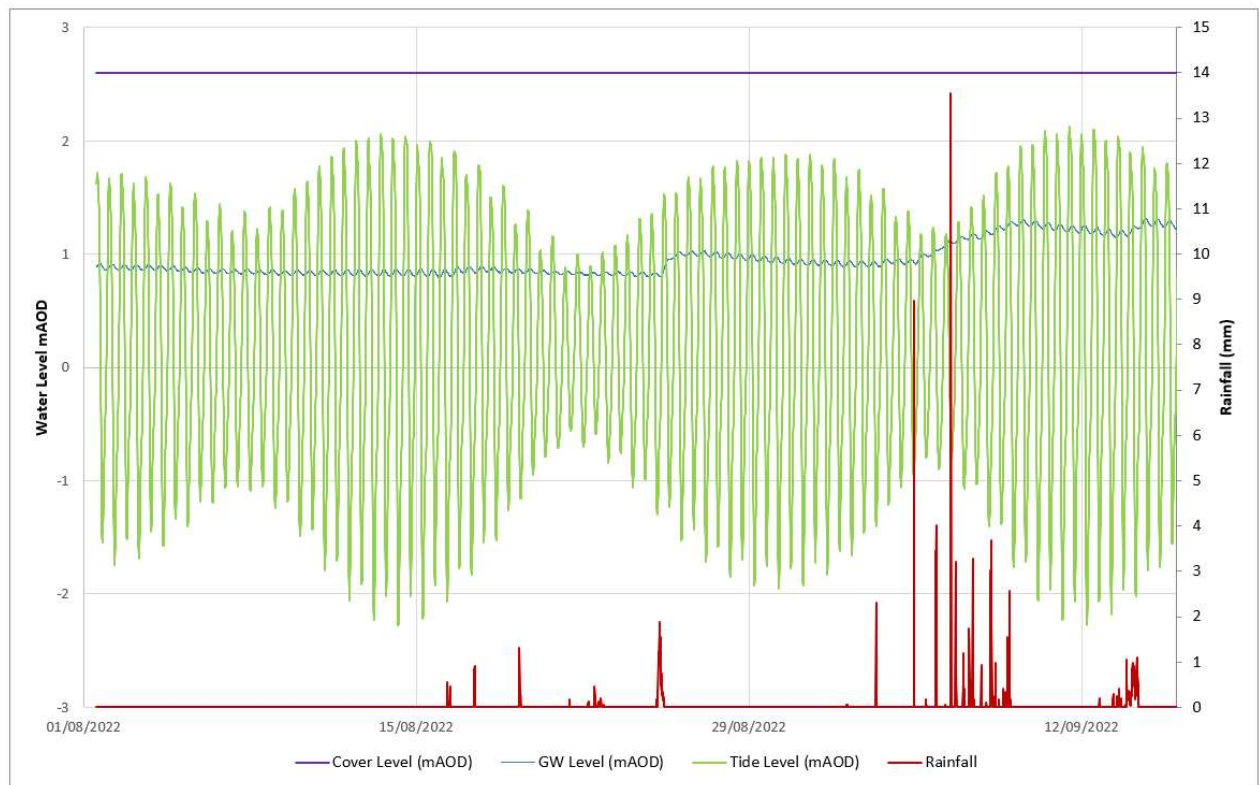
## D.15 – 11e Lynx House Hydrograph

Hydrograph for 11e Lynx House shows a rising and falling tide level between 02/12/2022 to 25/01/2023. The maximum tide level was 2.45m above Ordnance Datum (AOD) and the minimum level was -2.48m AOD. The blue line denotes the groundwater level from 1.746m to 2.378m AOD during the monitoring period and responding to rainfall and tidal variation. The ground surface level for borehole 11e is 4.228m AOD.



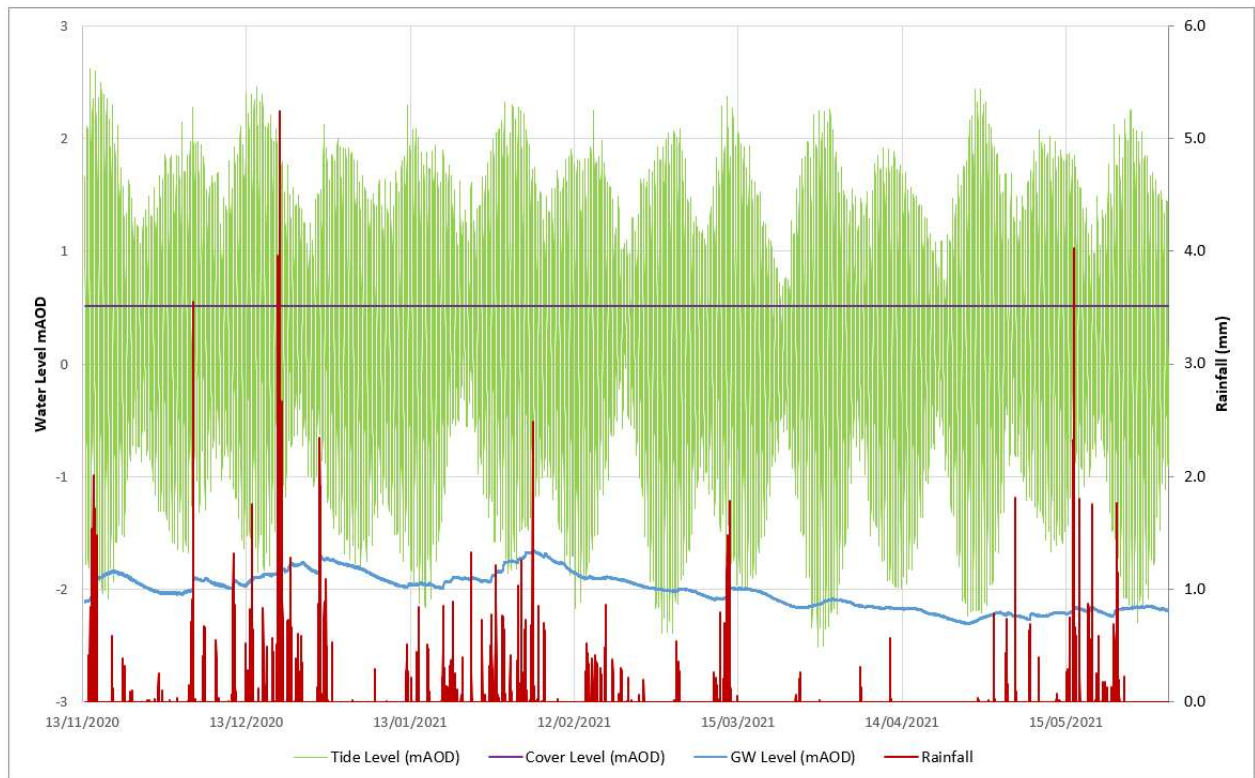
## D.16 – 11z Highbury Grove Hydrograph

Hydrograph for 11z Highbury Grove shows a rising and falling tide level between 01/08/2022 to 16/09/2022. The maximum tide level was 2.13m above Ordnance Datum (AOD) and the minimum level was -2.28m AOD. The blue line denotes the groundwater level from 0.797m to 1.313m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole 11z is 2.595m AOD.



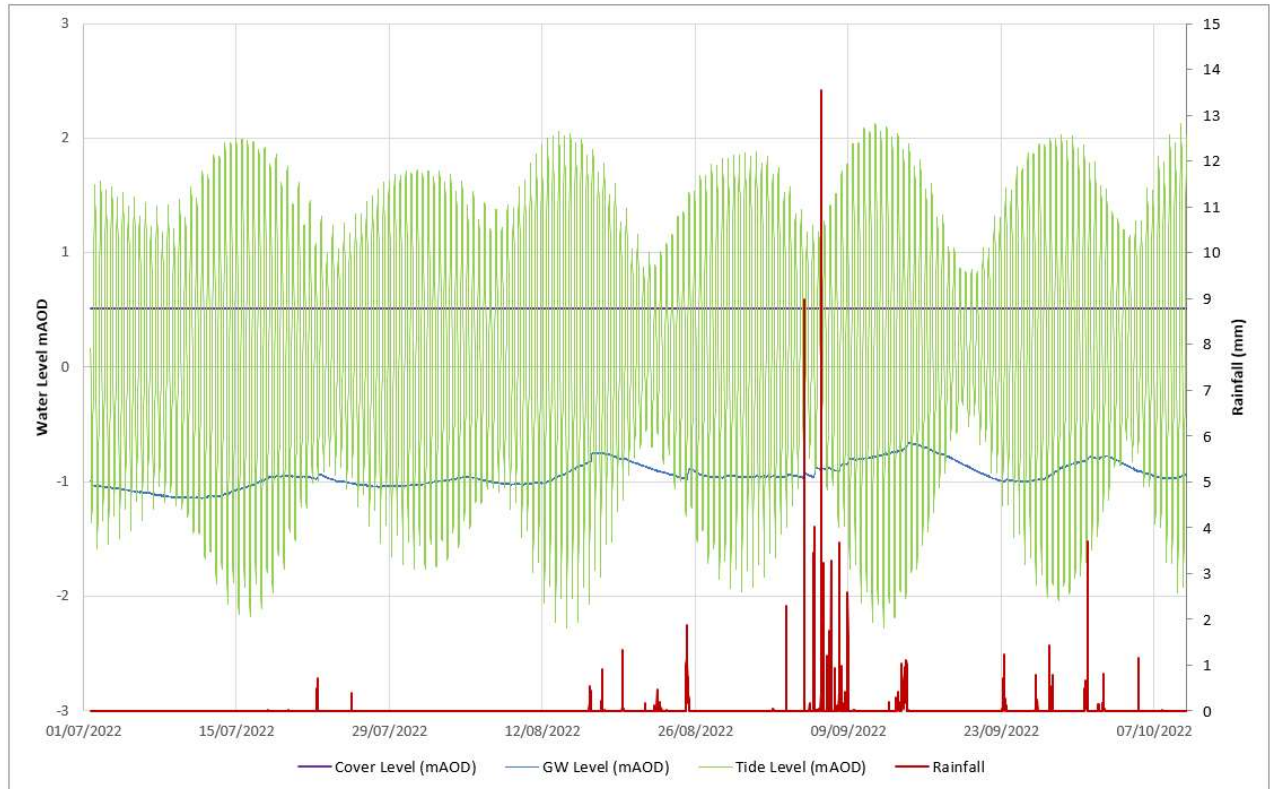
## D.17 – BH1 LCT Car Park Hydrographs

Hydrograph for BH1 LCT Car Park shows a rising and falling tide level between 13/11/2020 to 03/06/2021. The maximum tide level was 2.62m above Ordnance Datum (AOD) and the minimum level was -2.51m AOD. The blue line denotes the groundwater level from -2.309m to -1.655m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH1 is 0.51m AOD.

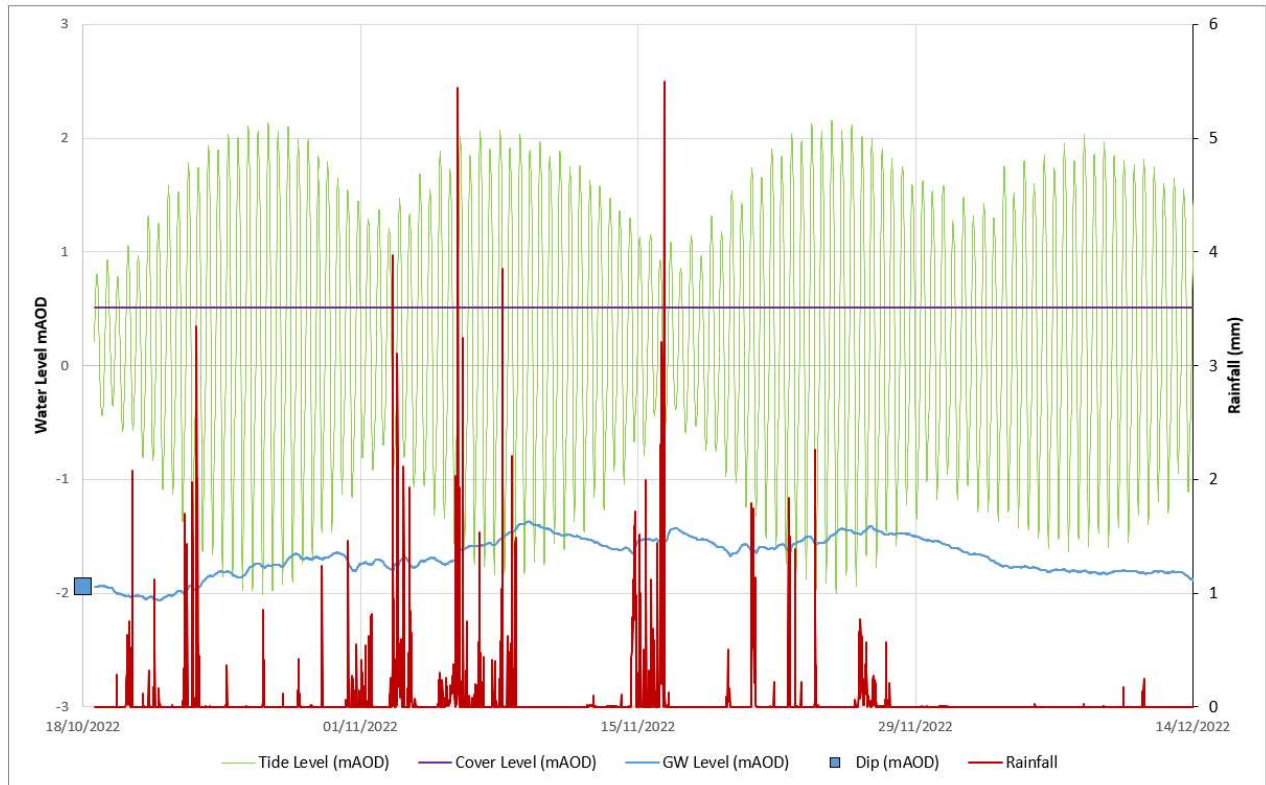




Hydrograph for BH1 LCT Car Park shows a rising and falling tide level between 13/11/2020 to 10/10/2022. The maximum tide level was 2.14m above Ordnance Datum (AOD) and the minimum level was -2.73m AOD. The blue line denotes the groundwater level from -1.146m to -0.66m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH1 is 0.51m AOD.



Hydrograph for BH1 LCT Car Park shows a rising and falling tide level between 18/10/2022 to 14/12/2022. The maximum tide level was 2.15m above Ordnance Datum (AOD) and the minimum level was -2.01m AOD. The blue line denotes the groundwater level from -2.063m to -1.369m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH1 is 0.51m AOD.



## D.18 – BH7a Rugby Camp Hydrograph

Hydrograph for BH7a Rugby Camp shows a rising and falling tide level between 26/07/2023 to 06/09/2023. The maximum tide level was 2.47m above Ordnance Datum (AOD) and the minimum level was -2.35m AOD. The blue line denotes the groundwater level from 0.311m to 0.769m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BH7a is 2.61m AOD.

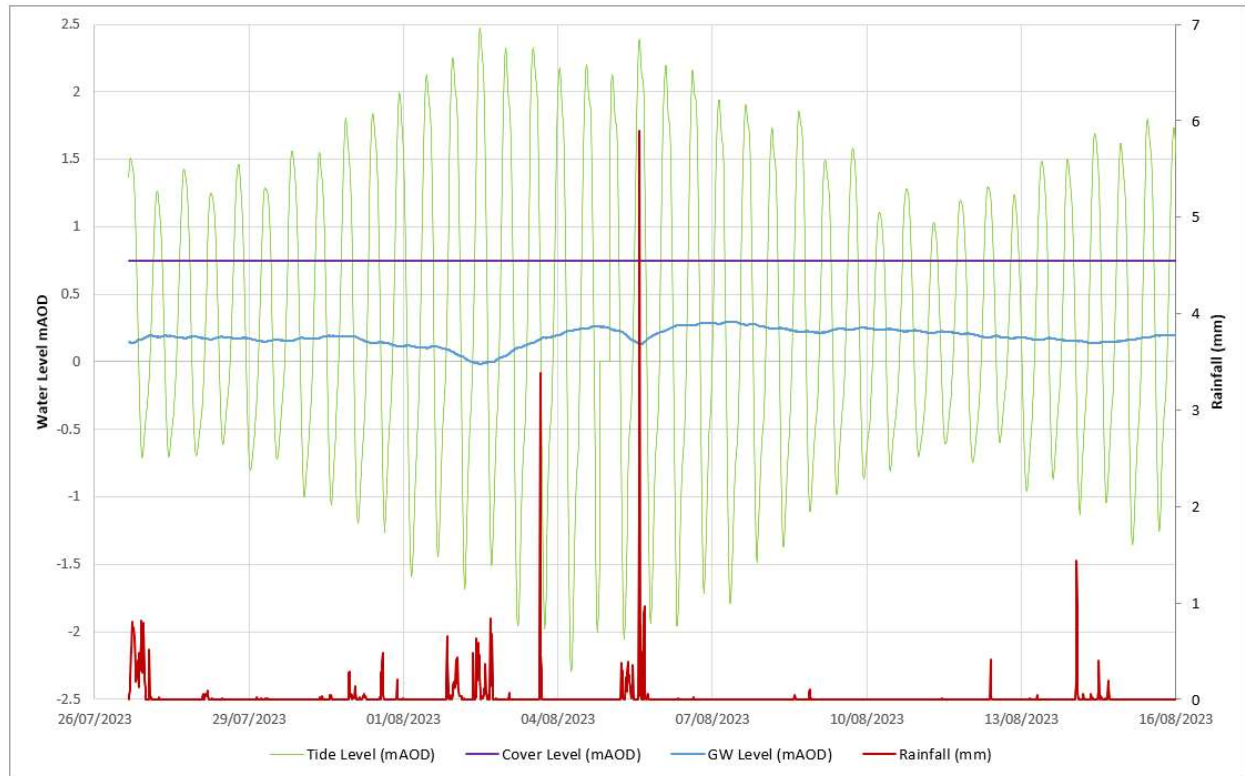


## D.19 – BH16 Farlington Playing Fields Hydrographs

Hydrograph for BH16 Farlington Playing Fields shows a rising and falling tide level between 16/06/2023 to 21/07/2023. The maximum tide level was 2.17m above Ordnance Datum (AOD) and the minimum level was -2.0m AOD. The blue line denotes the groundwater level from 0.005m to 0.61m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BH16 is 0.75m AOD.

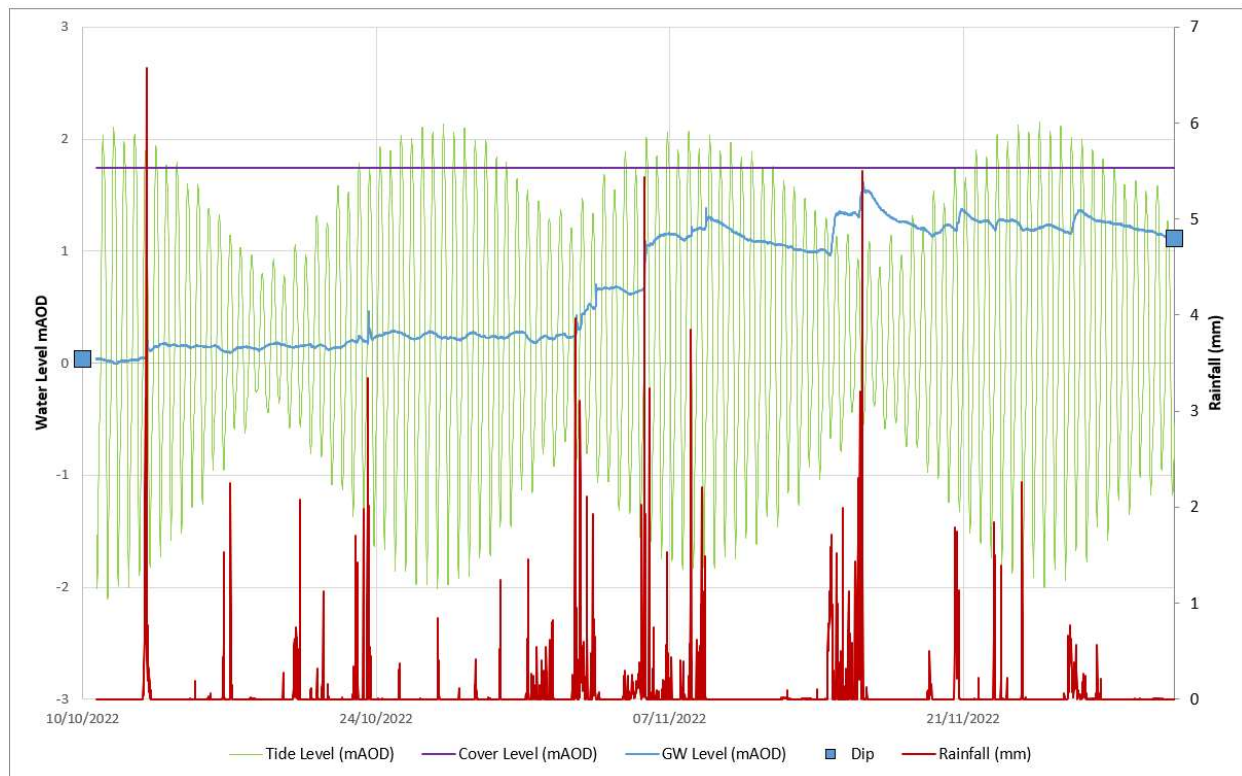


Hydrograph for BH16 Farlington Playing Fields shows a rising and falling tide level between 26/07/2023 to 16/08/2023. The maximum tide level was 2.47m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from -0.016m to 0.298m AOD during the monitoring period responding to tidal variation and rainfall. The ground surface level for borehole BH16 is 0.75m AOD.

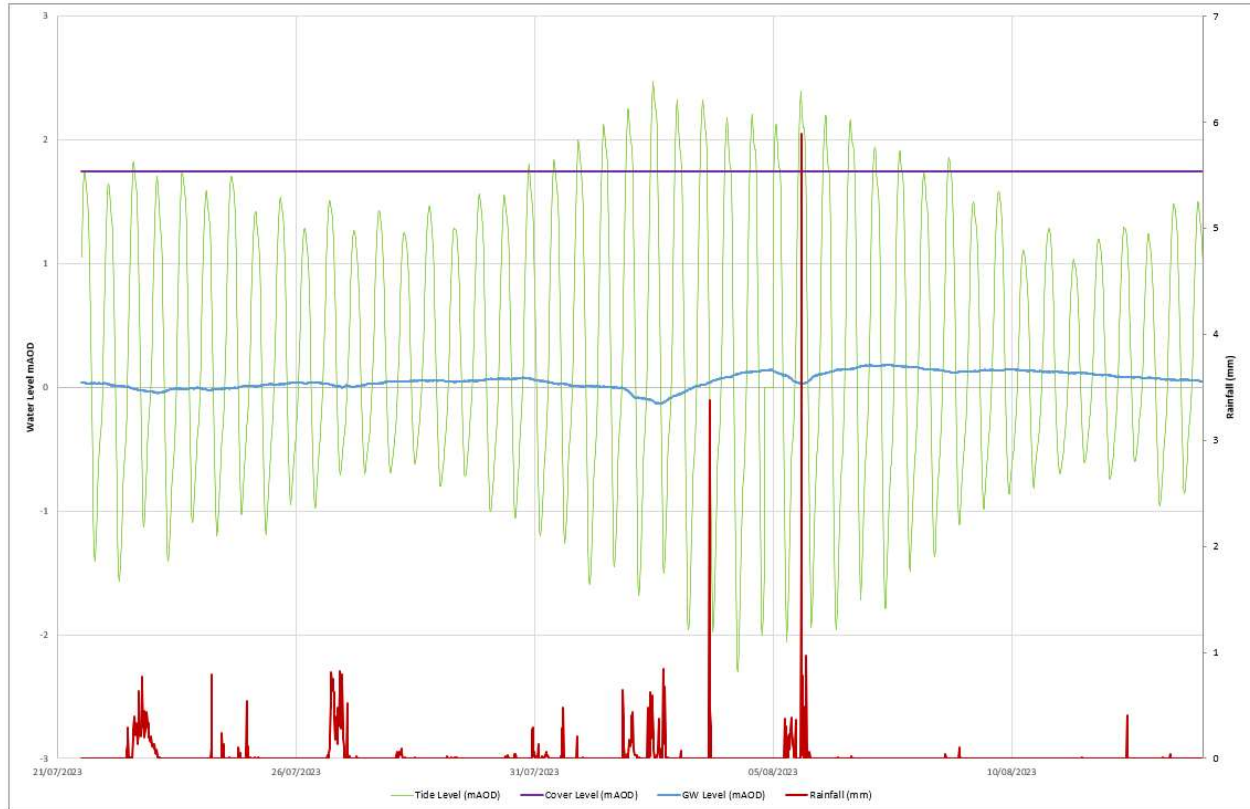


## D.20 – BH18 Farlington Playing Fields Hydrographs

Hydrograph for BH18 Farlington Playing Fields shows a rising and falling tide level between 10/10/2022 to 02/12/2022. The maximum tide level was 2.15m above Ordnance Datum (AOD) and the minimum level was -2.11m AOD. The blue line denotes the groundwater level from -0.006m to 1.616m AOD during the monitoring period and responding to rainfall and seasonal variation. The ground surface level for borehole BH18 is 1.74m AOD.

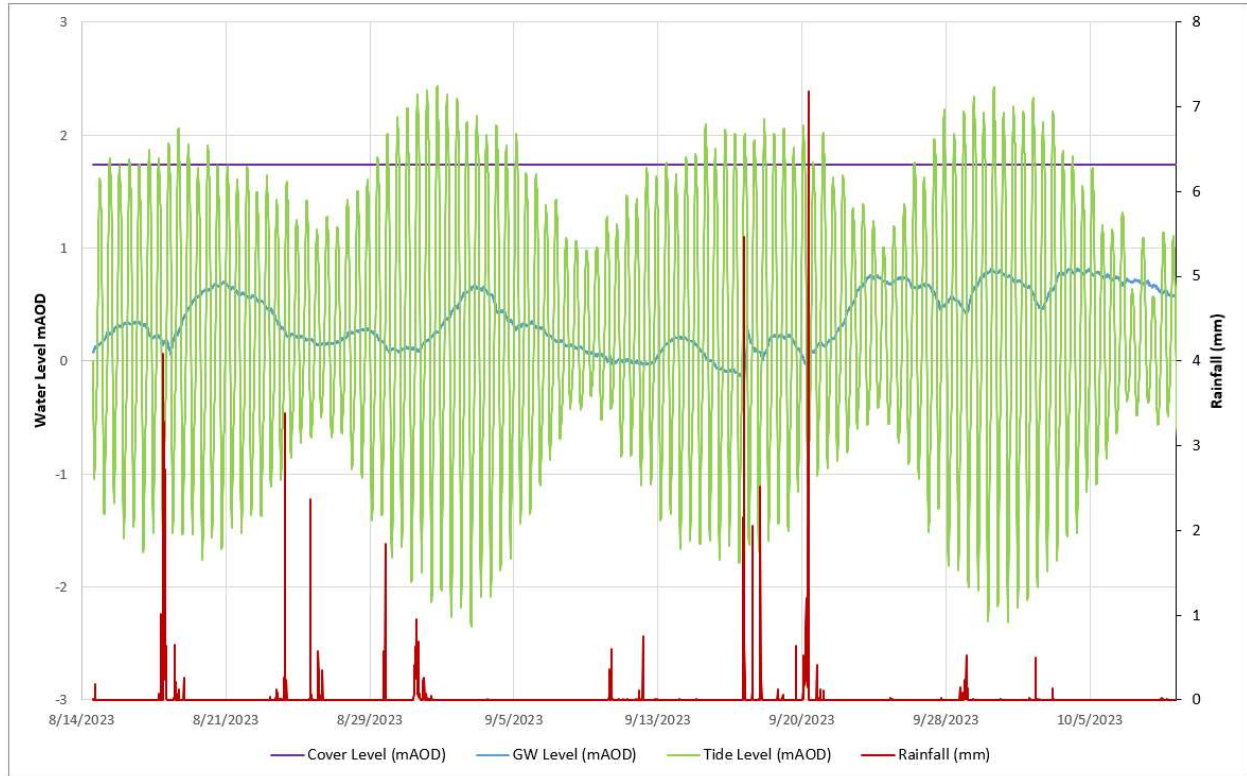


Hydrograph for BH18 Farlington Playing Fields shows a rising and falling tide level between 21/07/2023 to 14/08/2023. The maximum tide level was 2.47m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from -0.136m to 0.182m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH18 is 1.74m AOD.



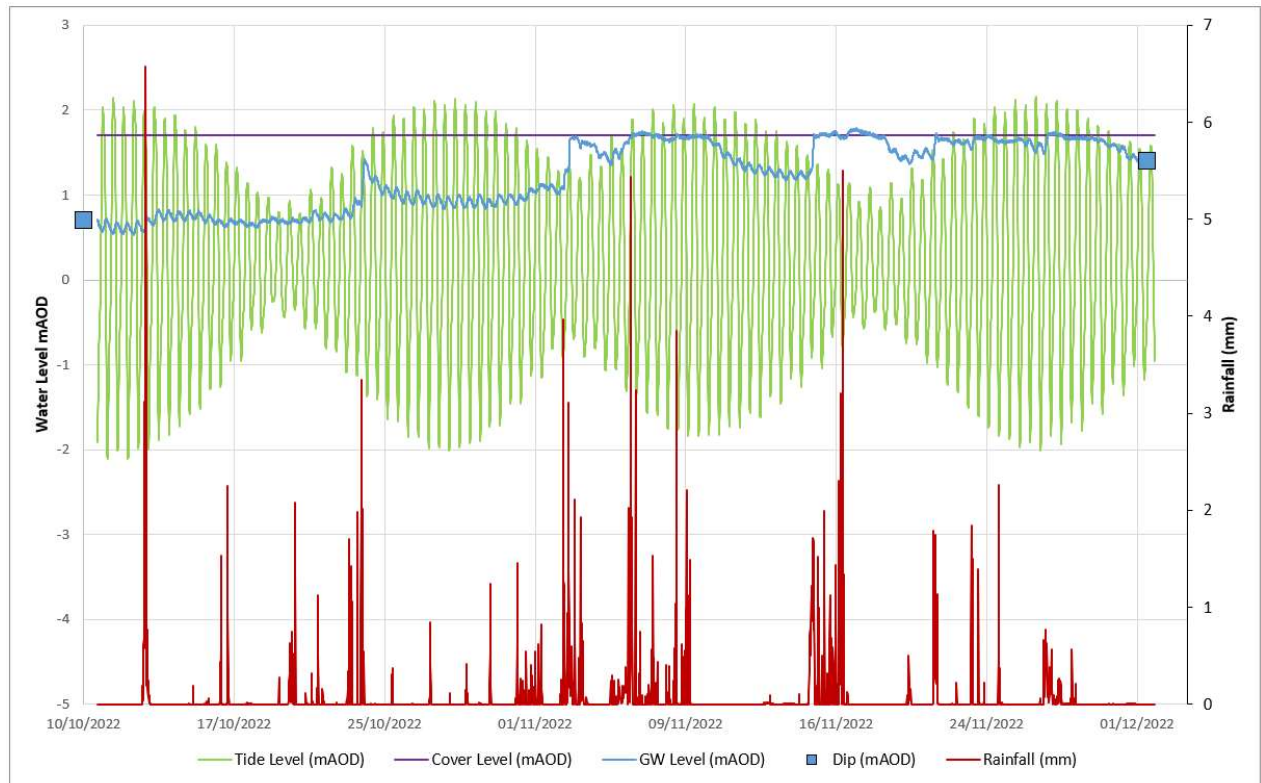


Hydrograph for BH18 Farlington Playing Fields shows a rising and falling tide level between 14/08/2023 to 10/10/2023. The maximum tide level was 2.43m above Ordnance Datum (AOD) and the minimum level was -2.35m AOD. The blue line denotes the groundwater level from -0.19m to 0.82m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH18 is 1.74m AOD.



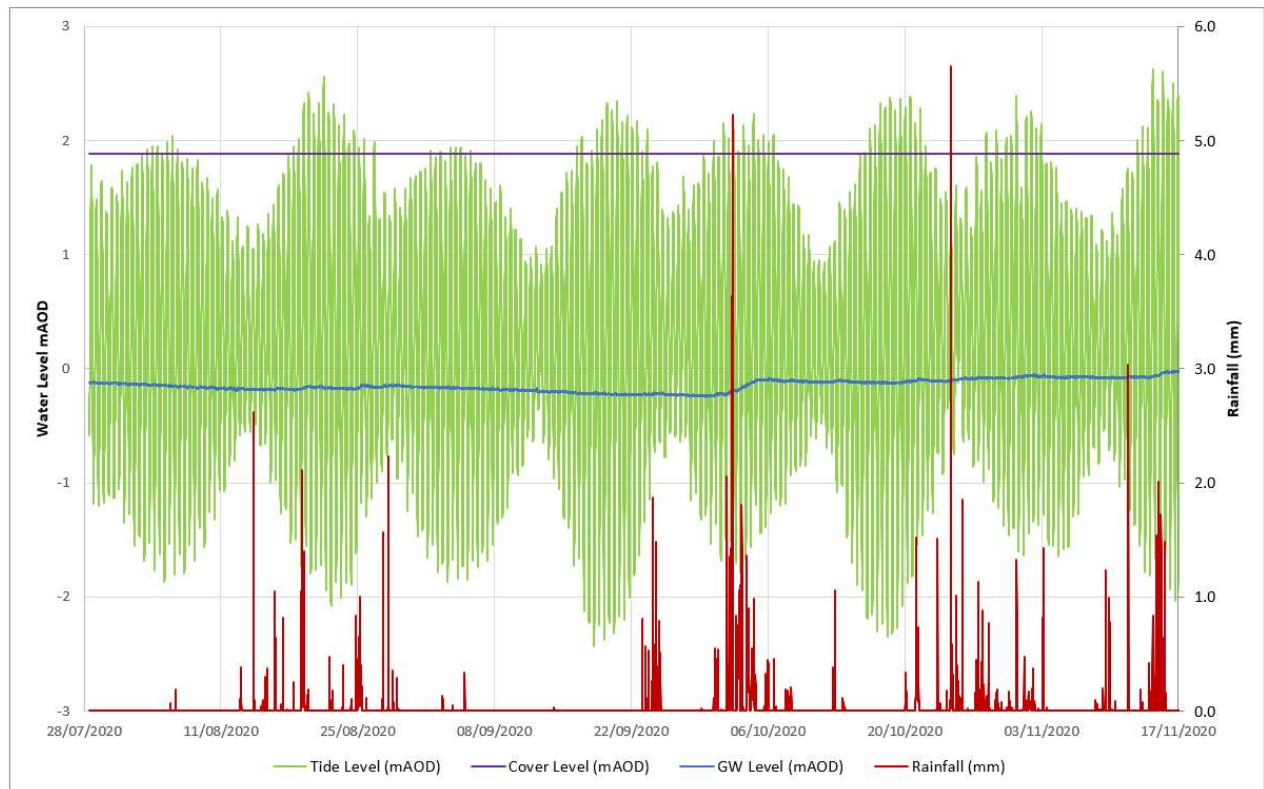
## D.21 – BH19 Anchorage Park Hydrograph

Hydrograph for BH19 Anchorage Park shows a rising and falling tide level between 10/10/2022 to 02/12/2022. The maximum tide level was 2.15m above Ordnance Datum (AOD) and the minimum level was -2.11m AOD. The blue line denotes the groundwater level from 0.532m to 1.785m AOD during the monitoring period and responding to tidal variation and strong rainfall events. The ground surface level for borehole BH19 is 1.71m AOD.



## D.22 – BH19a Tangier Road Hydrographs

Hydrograph for BH19a Tangier Road shows a rising and falling tide level between 28/07/2020 to 17/11/2020. The maximum tide level was 2.62m above Ordnance Datum (AOD) and the minimum level was -2.43m AOD. The blue line denotes the groundwater level from -0.247m to -0.018m AOD during the monitoring period and with a slight response to rainfall. The ground surface level for borehole BH19a is 1.89m AOD.

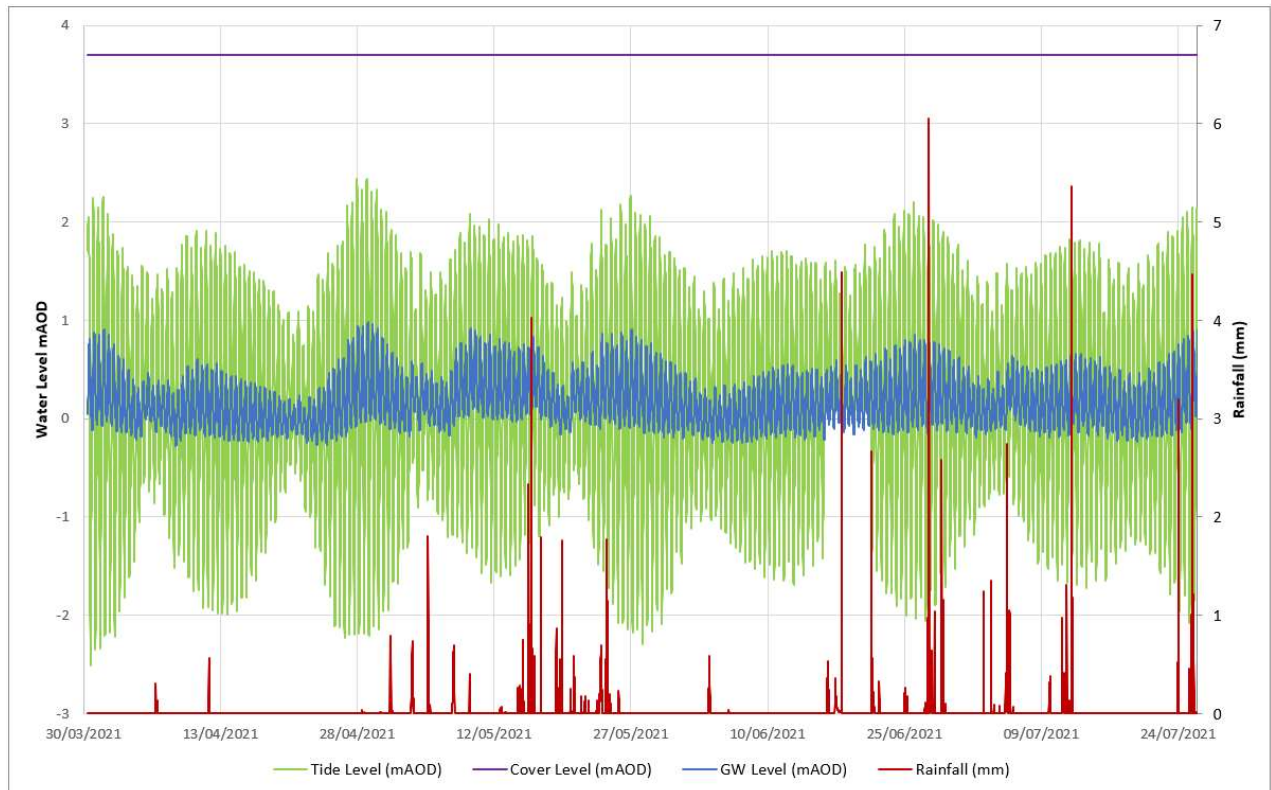


Hydrograph for BH19a Tangier Road shows a rising and falling tide level between 25/01/2023 to 30/03/2023. The maximum tide level was 2.60m above Ordnance Datum (AOD) and the minimum level was -2.45m AOD. The blue line denotes the groundwater level from 0.107m to 0.634m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH19a is 1.89m AOD.



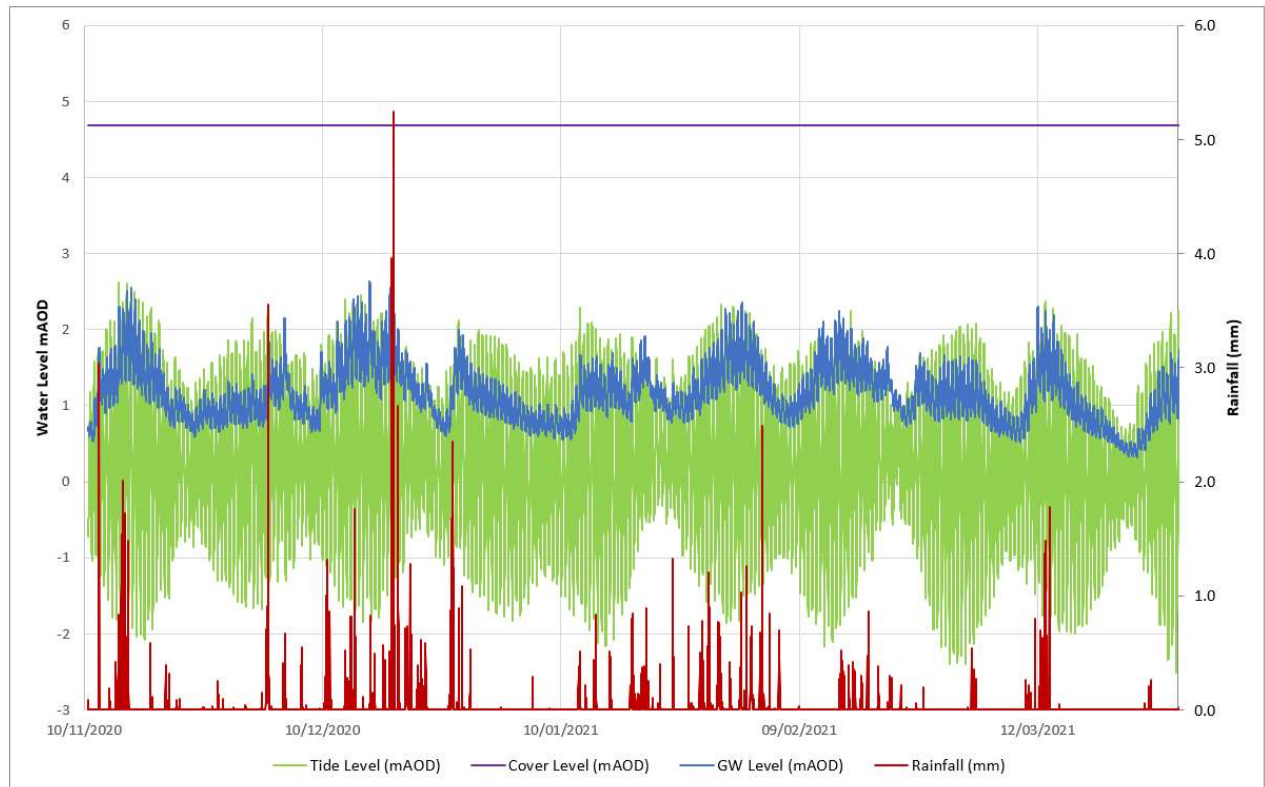
## D.23 – BH21 Canoe Lake Car Park West Hydrograph

Hydrograph for BH21 Canoe Lake Car Park West shows a rising and falling tide level between 30/03/2021 to 26/07/2021. The maximum tide level was 2.44m above Ordnance Datum (AOD) and the minimum level was -2.51m AOD. The blue line denotes the groundwater level from -0.276m to 0.98m AOD during the monitoring period and responding strongly to tidal variation. The ground surface level for borehole BH21 is 3.70m AOD.



## D.24 – BH22 Splash Wall West End Hydrograph

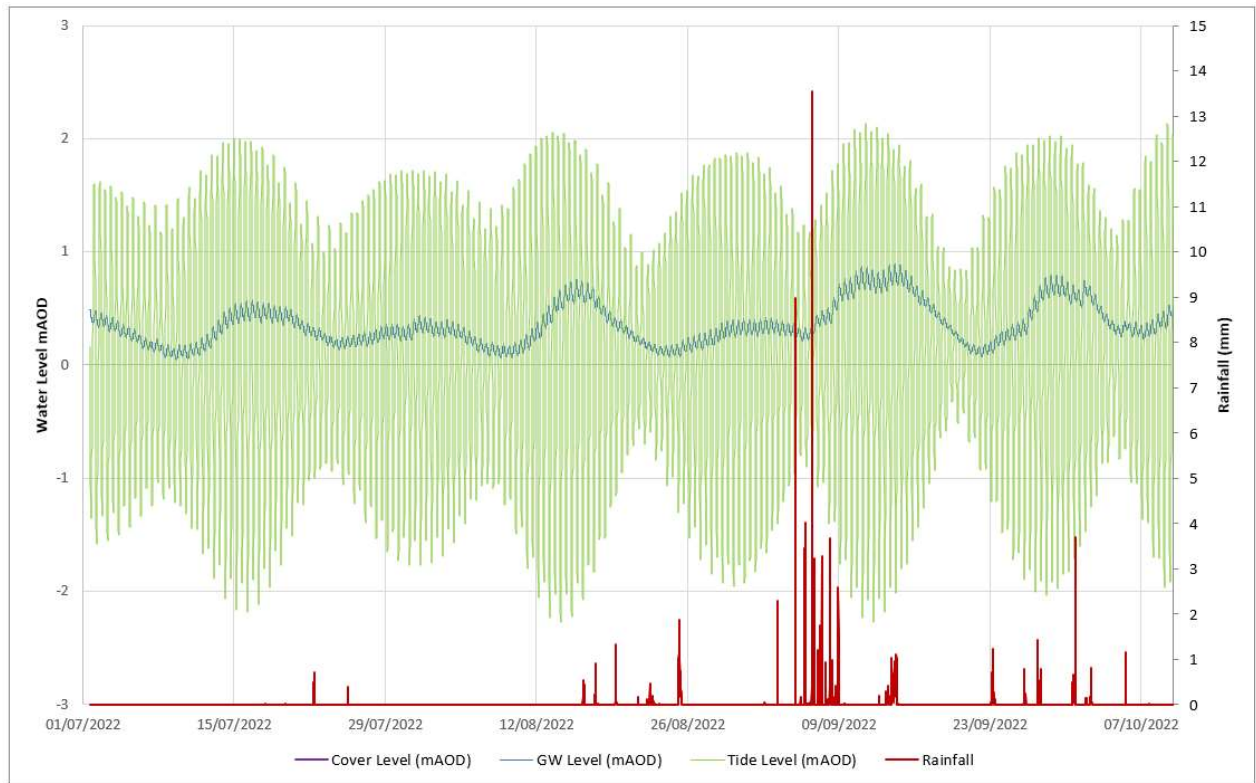
Hydrograph for BH22 Splash Wall West End shows a rising and falling tide level between 10/11/2020 to 30/03/2021. The maximum tide level was 2.62m above Ordnance Datum (AOD) and the minimum level was -2.51m AOD. The blue line denotes the groundwater level from 0.323m to 2.629m AOD during the monitoring period and responding strongly to tidal variation. The ground surface level for borehole BH22 is 4.68m AOD.





## D.25 – BH24 Splash Wall East End Hydrograph

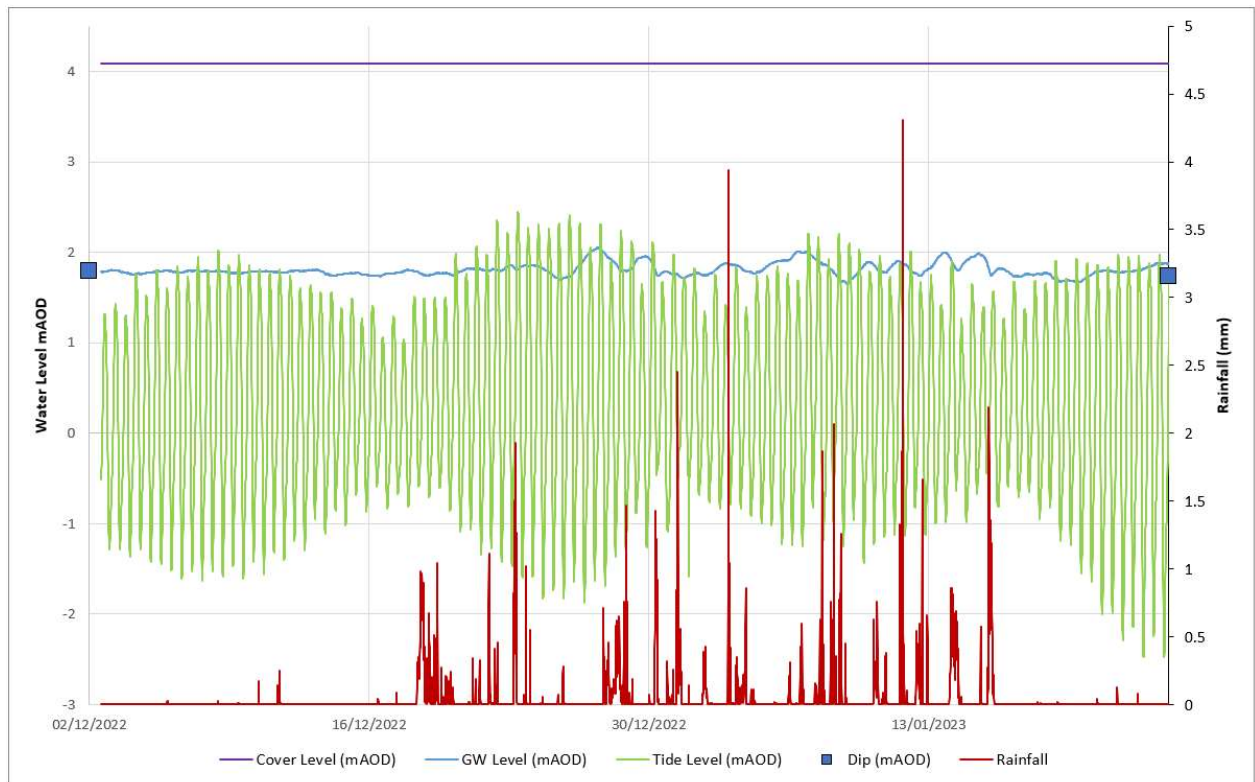
Hydrograph for BH24 Splash Wall East End shows a rising and falling tide level between 01/07/2022 to 10/10/2022. The maximum tide level was 2.14m above Ordnance Datum (AOD) and the minimum level was -2.28m AOD. The blue line denotes the groundwater level from 0.043m to 0.895m AOD during the monitoring period and responding strongly to tidal variation. The ground surface level for borehole BH24 is 4.64m AOD.





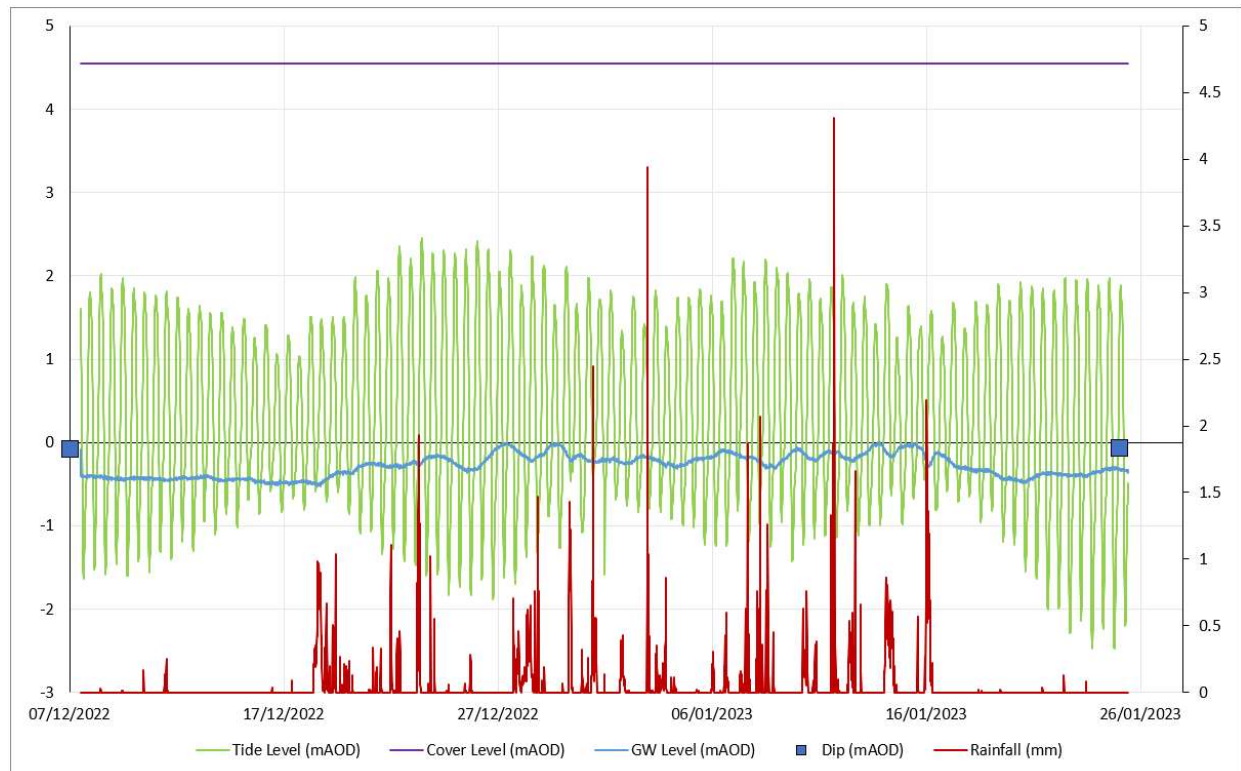
## D.26 – BH34a Kingsley Road Hydrograph

Hydrograph for BH34a Kingsley Road shows a rising and falling tide level between 02/12/2022 to 25/01/2023. The maximum tide level was 2.45m above Ordnance Datum (AOD) and the minimum level was -2.48m AOD. The blue line denotes the groundwater level from 1.65m to 2.05m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH34a is 4.09m AOD.



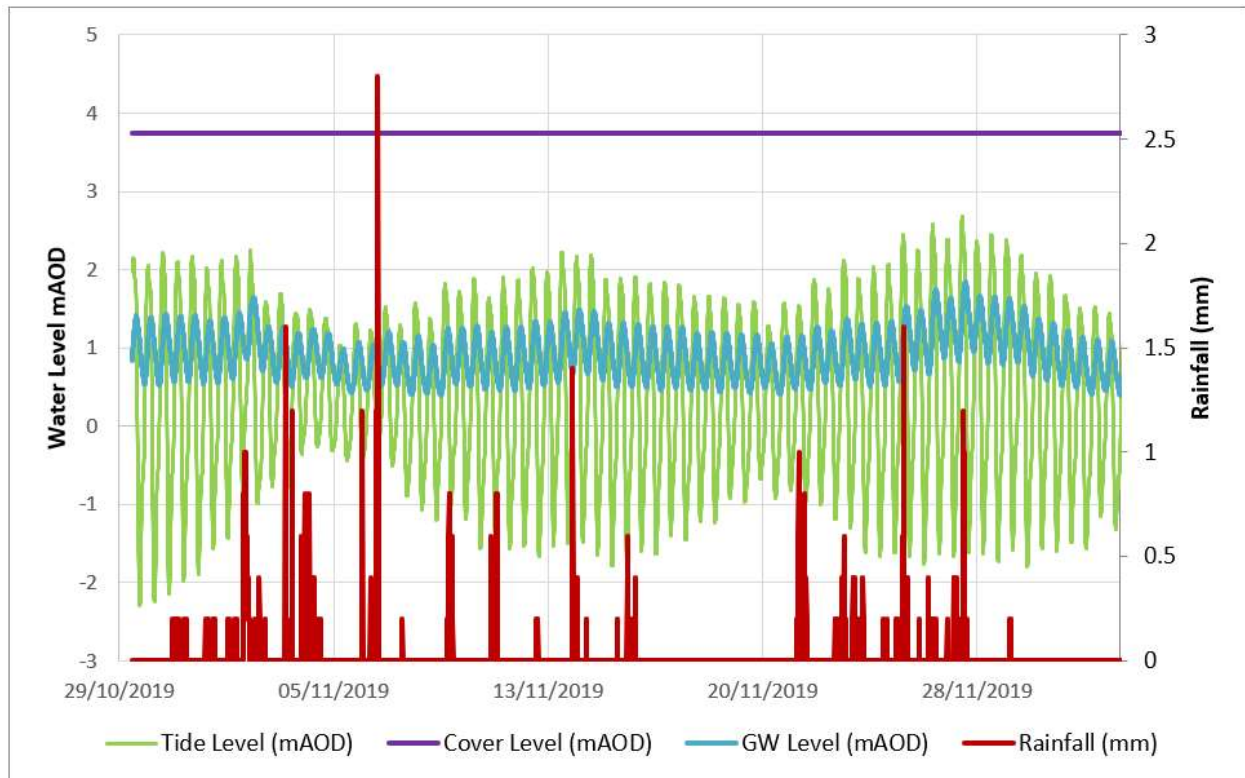
## D.27 – BH36 Anchorage Park Playing Field Hydrograph

Hydrograph for BH36 Anchorage Park Playing Field shows a rising and falling tide level between 10/10/2022 to 02/12/2022. The maximum tide level was 2.15m above Ordnance Datum (AOD) and the minimum level was -2.11m AOD. The blue line denotes the groundwater level from 0.633m to 2.30m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BH36 is 2.41m AOD.



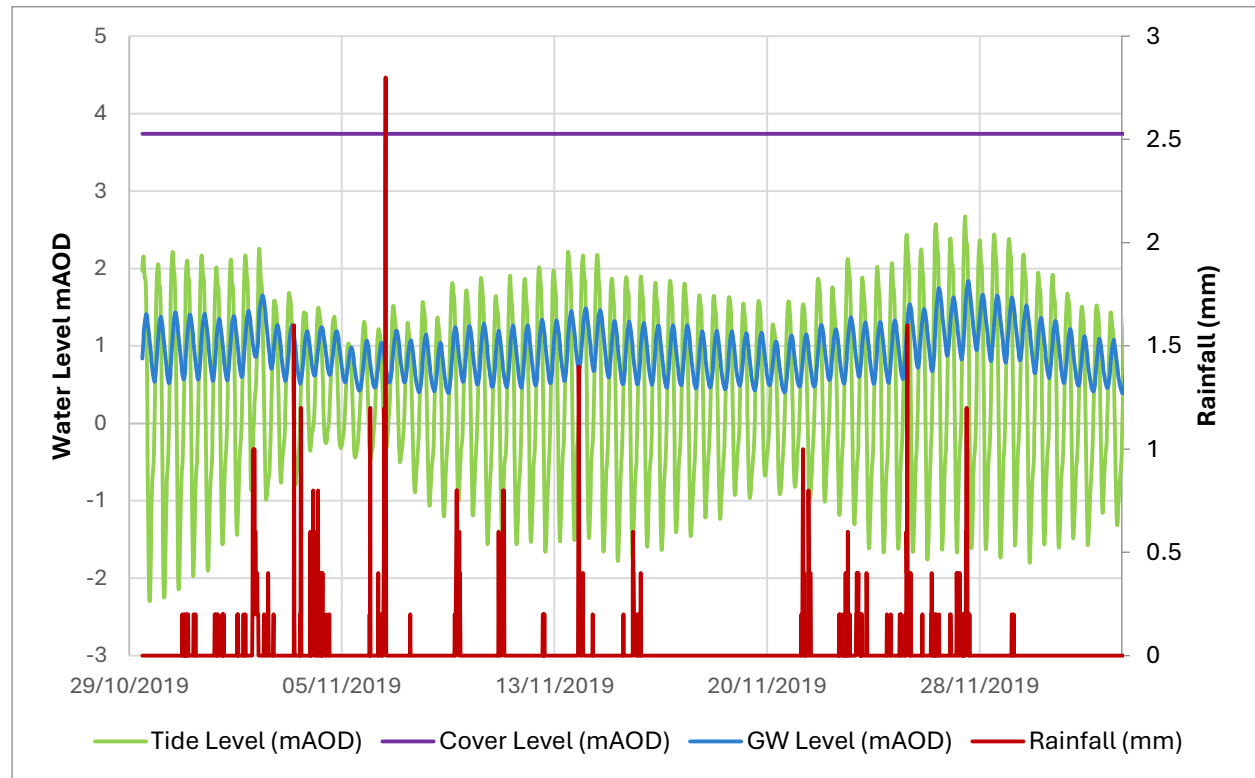
## D.28 – BHRH01 LCM Revetment Hydrograph

Hydrograph for BHRH01 LCM Revetment shows a rising and falling tide level between 29/10/2019 to 03/12/2019. The maximum tide level was 2.67m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from -0.29m to 2.01m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH01 is 4.2m AOD.



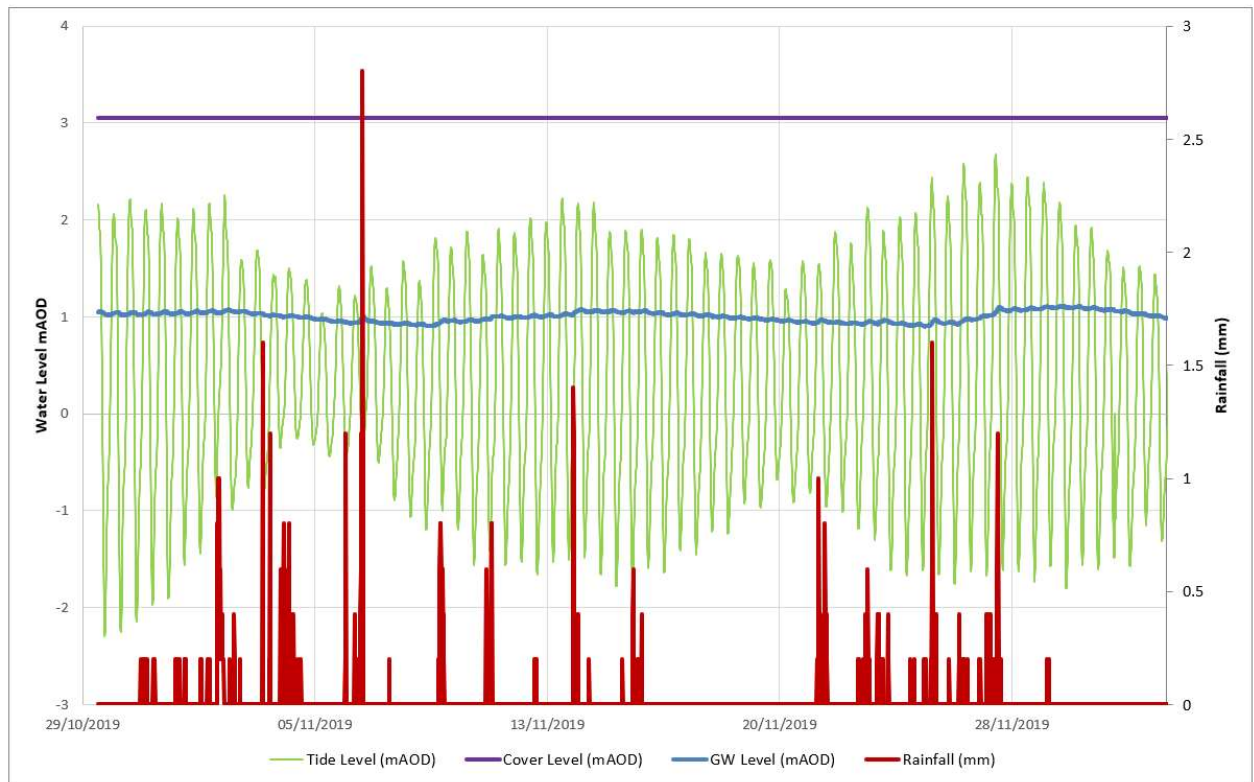
## D.29 – BHRH03 Clarence Pier Promenade Hydrograph

Hydrograph for BHRH03 Clarence Pier Promenade shows a rising and falling tide level between 29/10/2019 to 03/12/2019. The maximum tide level was 2.67m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from 0.39m to 1.839m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH03 is 3.74m AOD.



### D.30 – BHRH04 LCM Deep Hydrographs

Hydrograph for BHRH04 LCM Deep shows a rising and falling tide level between 29/10/2019 to 03/12/2019. The maximum tide level was 2.67m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from 0.902m to 1.115m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH04 is 3.05m AOD.

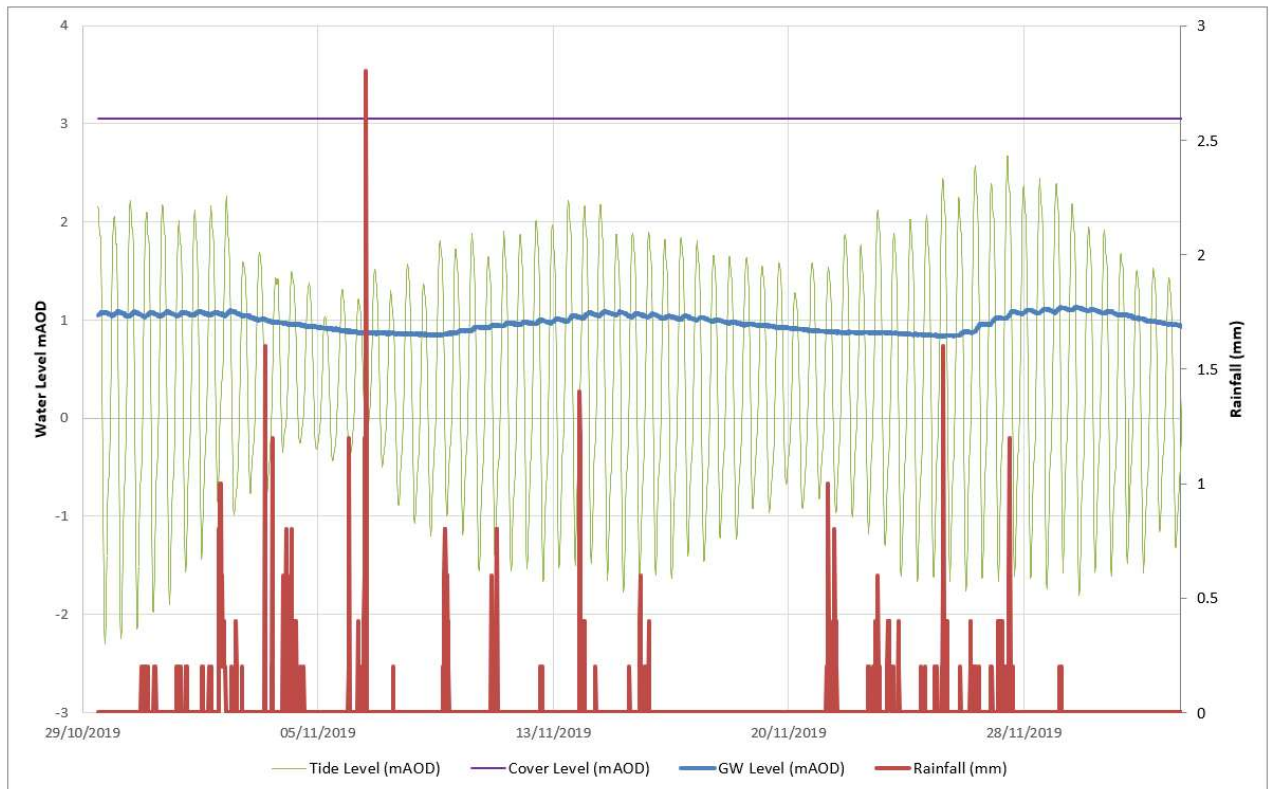


Hydrograph for BHRH04 LCM Deep shows a rising and falling tide level between 09/12/2019 to 31/12/2019. The maximum tide level was 2.55m above Ordnance Datum (AOD) and the minimum level was -1.92m AOD. The blue line denotes the groundwater level from 0.872m to 1.322m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BHRH04 is 3.05m AOD.



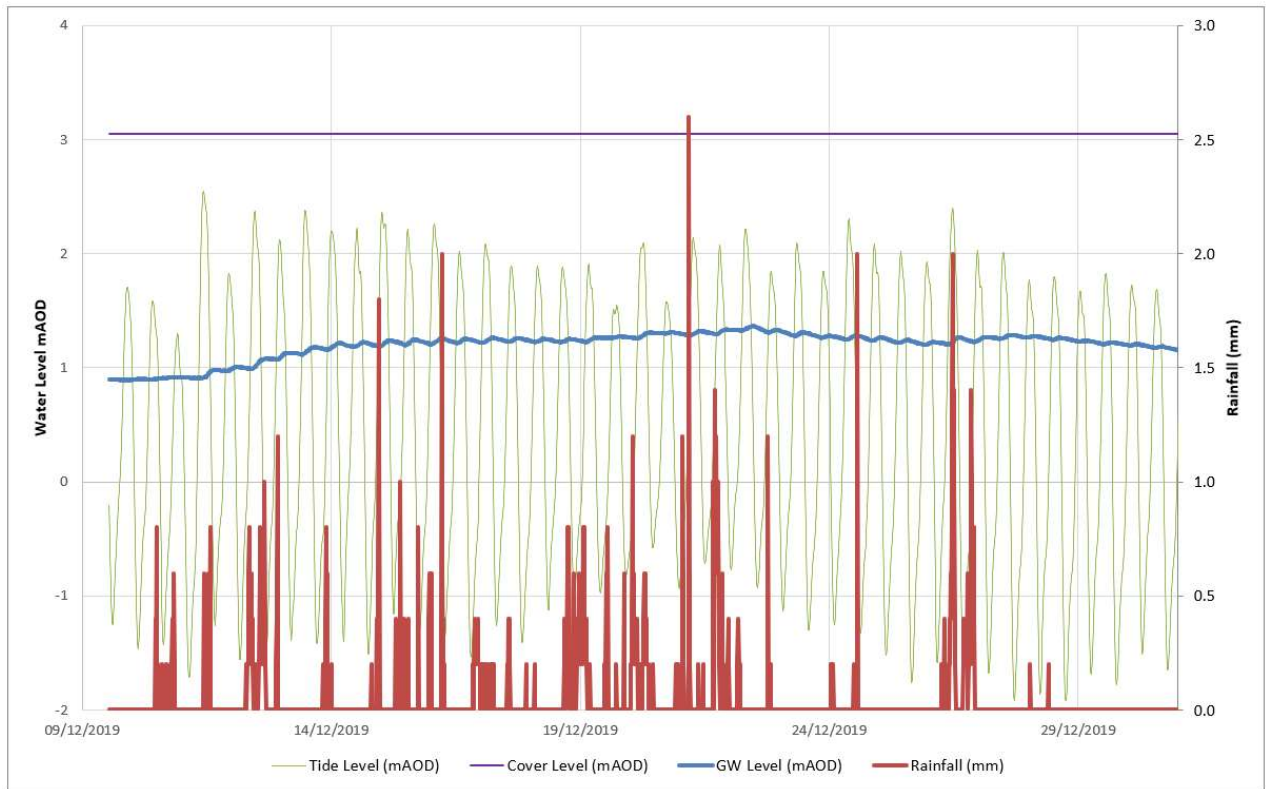
### D.31 – BHRH04 Shallow Grassed Area By 1c Hydrographs

Hydrograph for BHRH04 Shallow Grassed Area By 1c shows a rising and falling tide level between 29/10/2019 to 03/12/2019. The maximum tide level was 2.67m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from 0.831m to 1.137m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BHRH04 is 3.05m AOD.



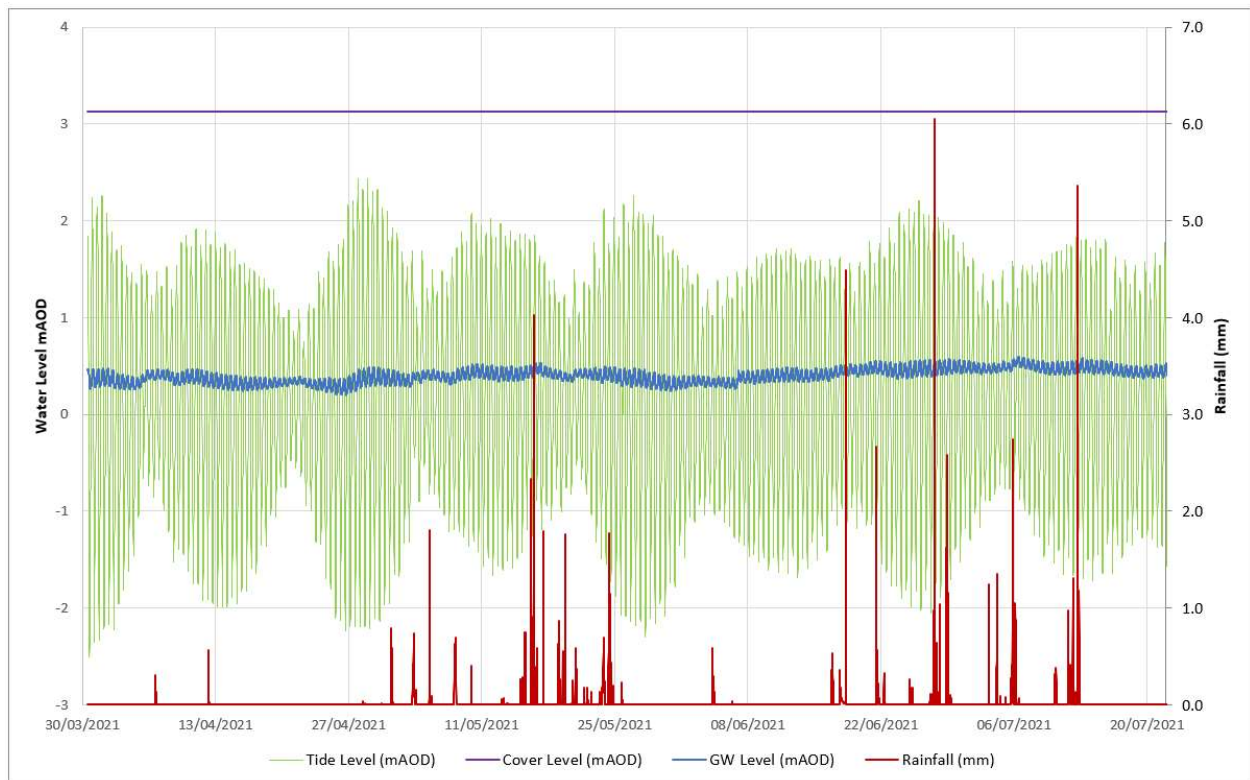


Hydrograph for BHRH04 Shallow Grassed Area By 1c shows a rising and falling tide level between 09/12/2019 to 31/12/2019. The maximum tide level was 2.55m above Ordnance Datum (AOD) and the minimum level was -1.92m AOD. The blue line denotes the groundwater level from 0.889m to 1.366m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BHRH04 is 3.05m AOD.



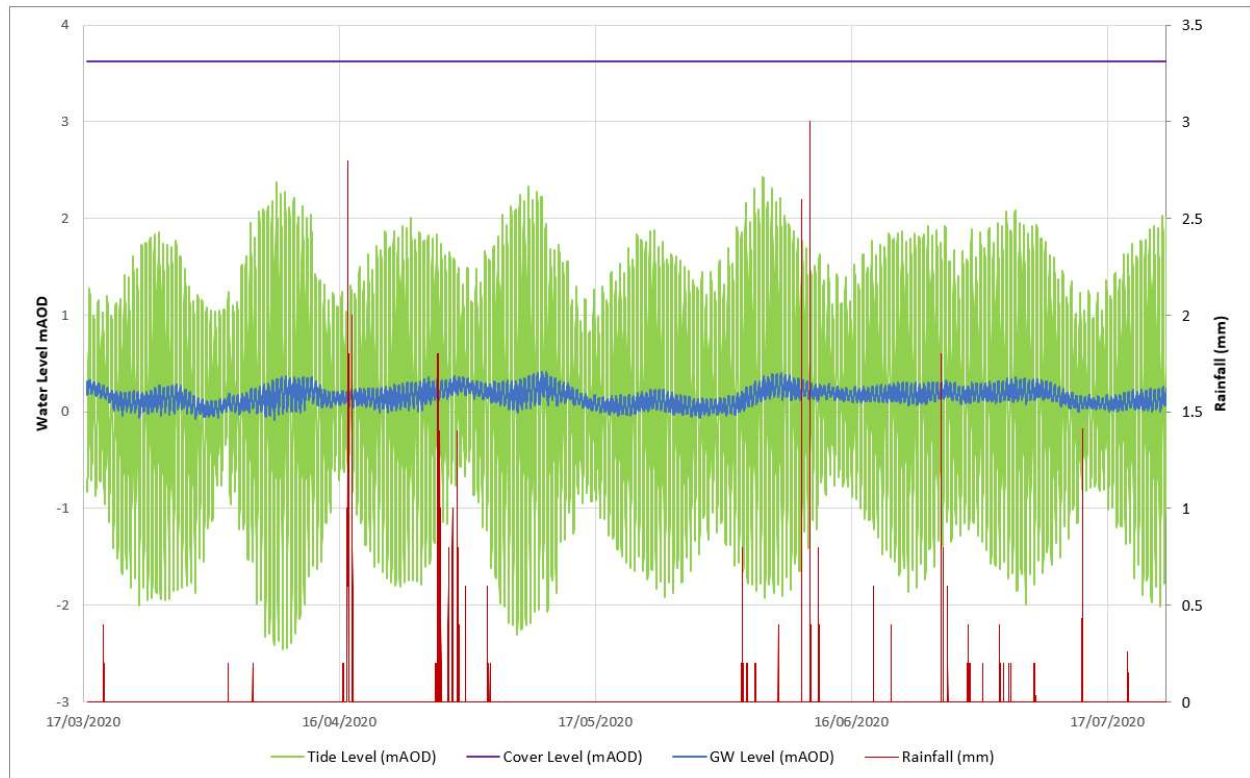
## D.32 – BHRH06 D Day Museum Car Park Hydrograph

Hydrograph for BHRH06 D Day Museum Car Park shows a rising and falling tide level between 30/03/2021 to 22/07/2021. The maximum tide level was 2.44m above Ordnance Datum (AOD) and the minimum level was -2.51m AOD. The blue line denotes the groundwater level from 0.197m to 0.599m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH06 is 3.13m AOD.



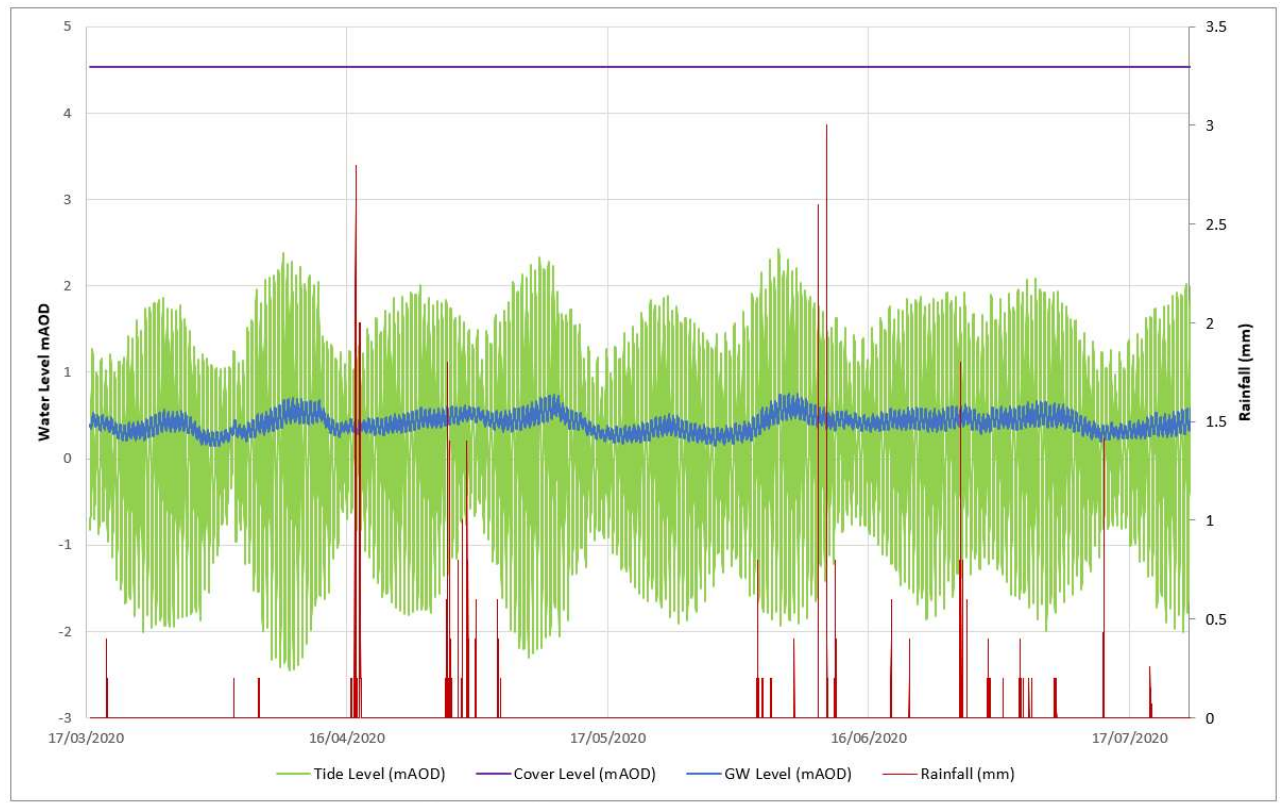
### D.33 – BHRH07 Bandstand Hydrograph

Hydrograph for BHRH07 Bandstand shows a rising and falling tide level between 17/03/2020 to 24/07/2020. The maximum tide level was 2.43m above Ordnance Datum (AOD) and the minimum level was -2.45m AOD. The blue line denotes the groundwater level from -0.08m to 0.413m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH07 is 3.62m AOD.



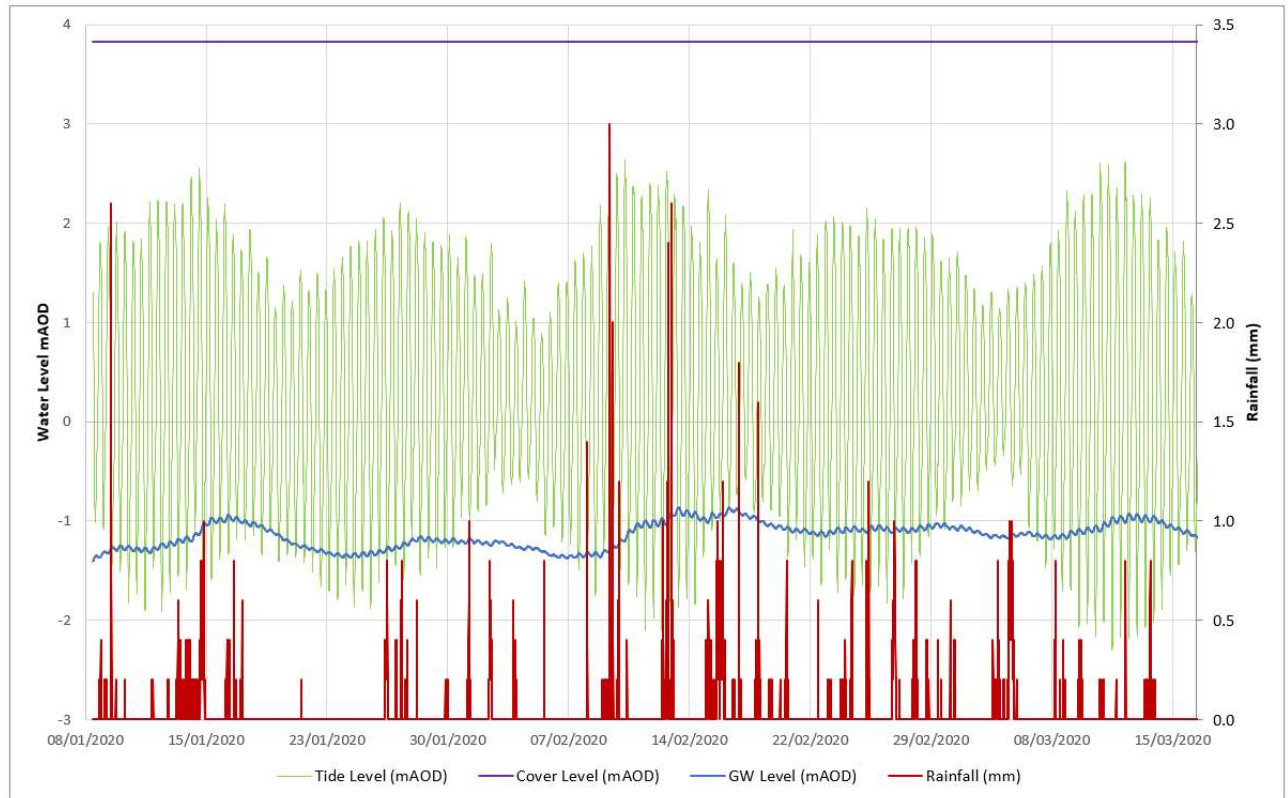
## D.34 – BHRH08 Southsea Castle Promenade Hydrograph

Hydrograph for BHRH08 Southsea Castle Promenade shows a rising and falling tide level between 17/03/2020 to 24/07/2020. The maximum tide level was 2.43m above Ordnance Datum (AOD) and the minimum level was -2.45m AOD. The blue line denotes the groundwater level from 0.143m to 0.754m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH08 is 4.53m AOD.



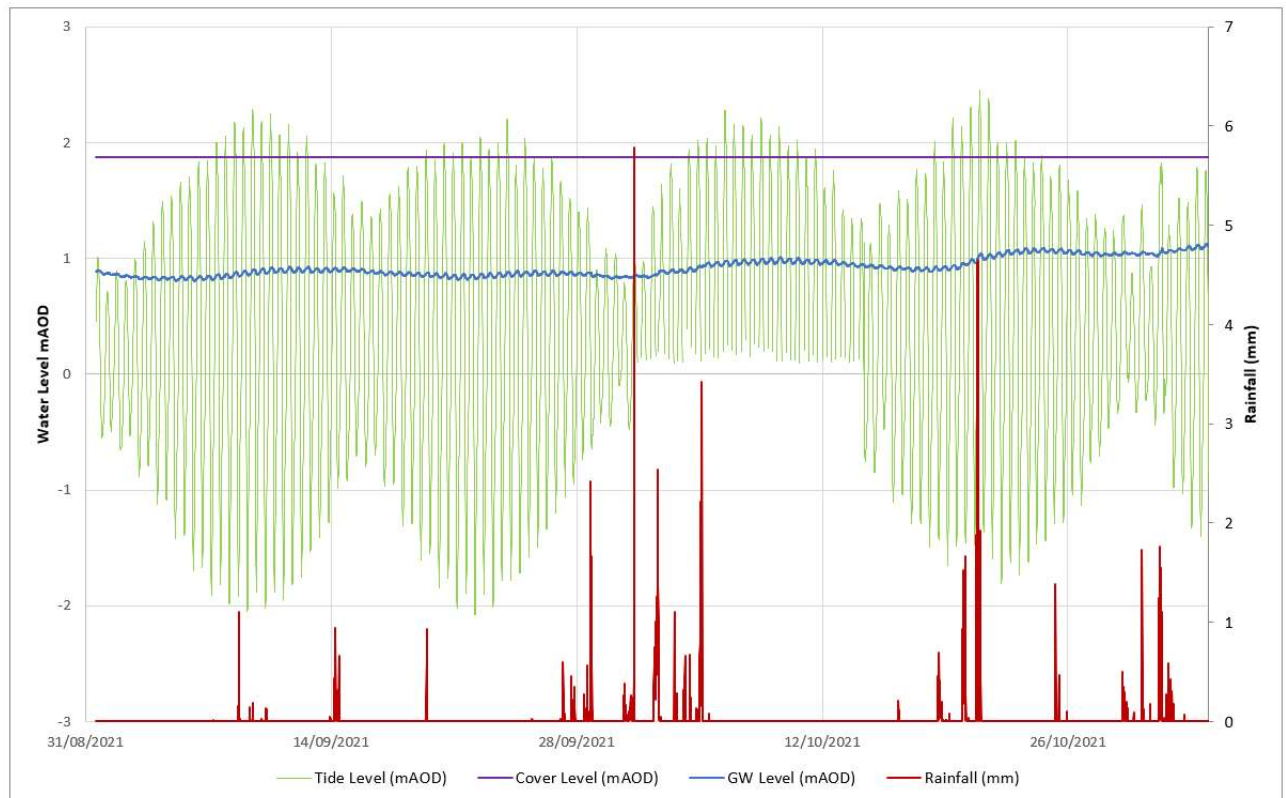
### D.35 – BHRH09 Southsea Castle Hydrograph.

Hydrograph for BHRH08 Southsea Castle Promenade shows a rising and falling tide level between 08/01/2020 to 17/03/2020. The maximum tide level was 2.64m above Ordnance Datum (AOD) and the minimum level was -2.30m AOD. The blue line denotes the groundwater level from -1.406m to -0.864m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BHRH09 is 3.83m AOD.



## D.36 – BHRH11 Little Morass Hydrographs

Hydrograph for BHRH11 Little Morass shows a rising and falling tide level between 31/08/2021 to 03/11/2021. The maximum tide level was 2.45m above Ordnance Datum (AOD) and the minimum level was -2.08m AOD. The blue line denotes the groundwater level from 0.803m to 1.123m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH11 is 1.87m AOD.



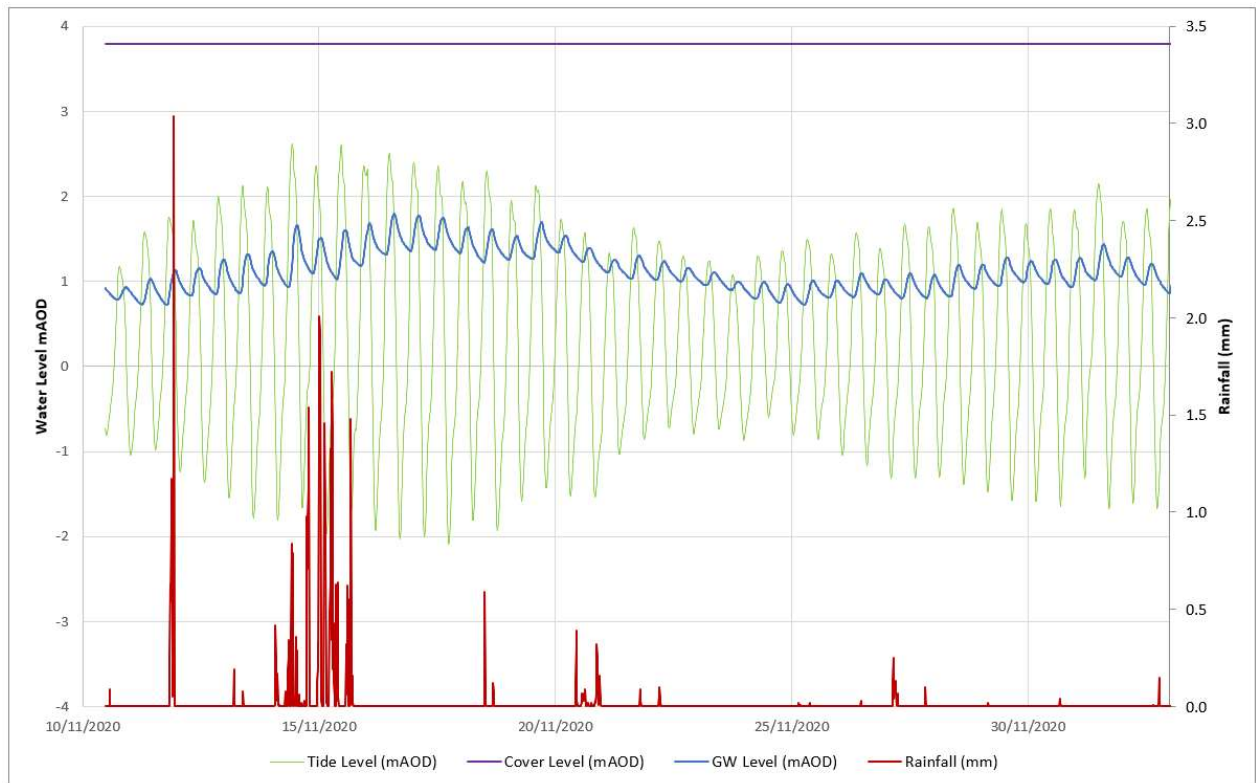
Hydrograph for BHRH11 Little Morass shows a rising and falling tide level between 08/09/2023 to 10/10/2023. The maximum tide level was 2.43m above Ordnance Datum (AOD) and the minimum level was -2.32m AOD. The blue line denotes the groundwater level from 0.641m to 1.132m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHRH11 is 1.87m AOD.





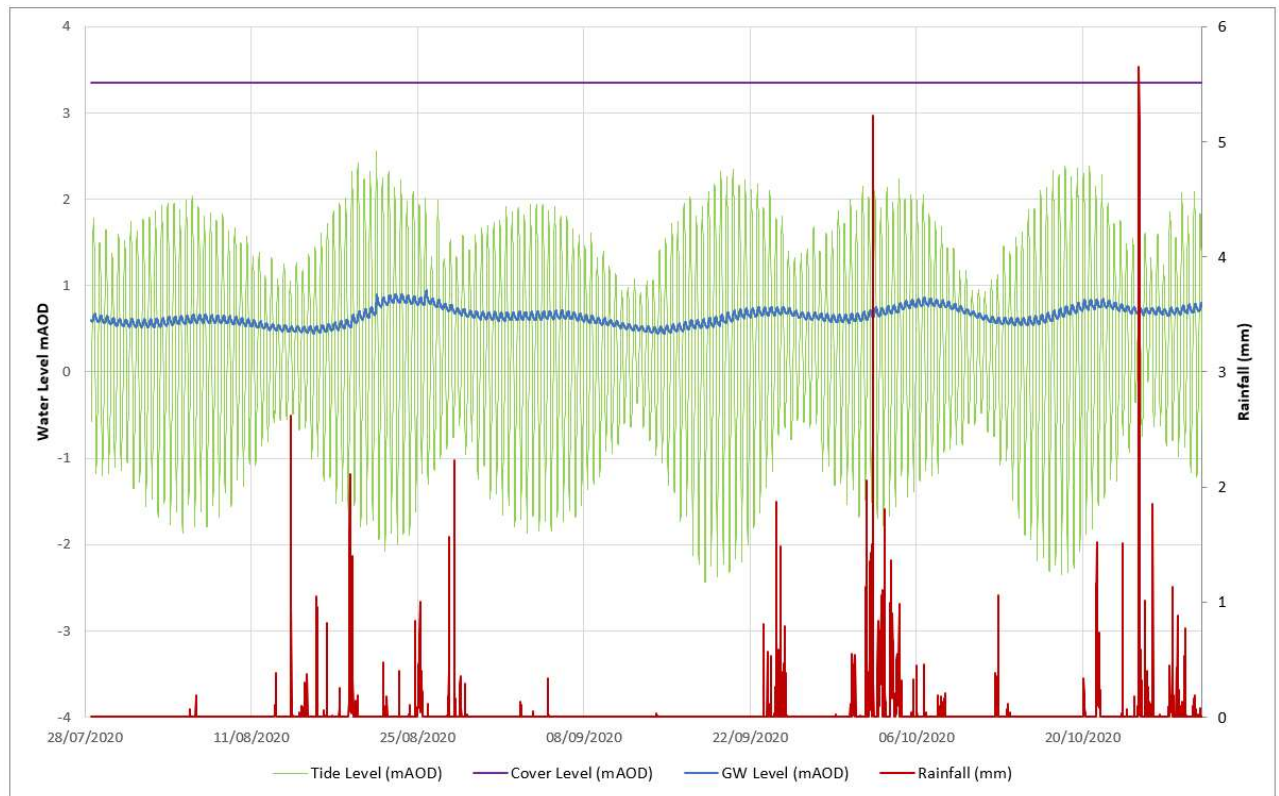
## D.37 – BHRH14 Mozz Joe Hydrograph

Hydrograph for BHRH14 Mozz Joe shows a rising and falling tide level between 10/11/2020 to 03/12/2020. The maximum tide level was 2.62m above Ordnance Datum (AOD) and the minimum level was -2.09m AOD. The blue line denotes the groundwater level from 0.704m to 1.792m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BHRH14 is 3.79m AOD.



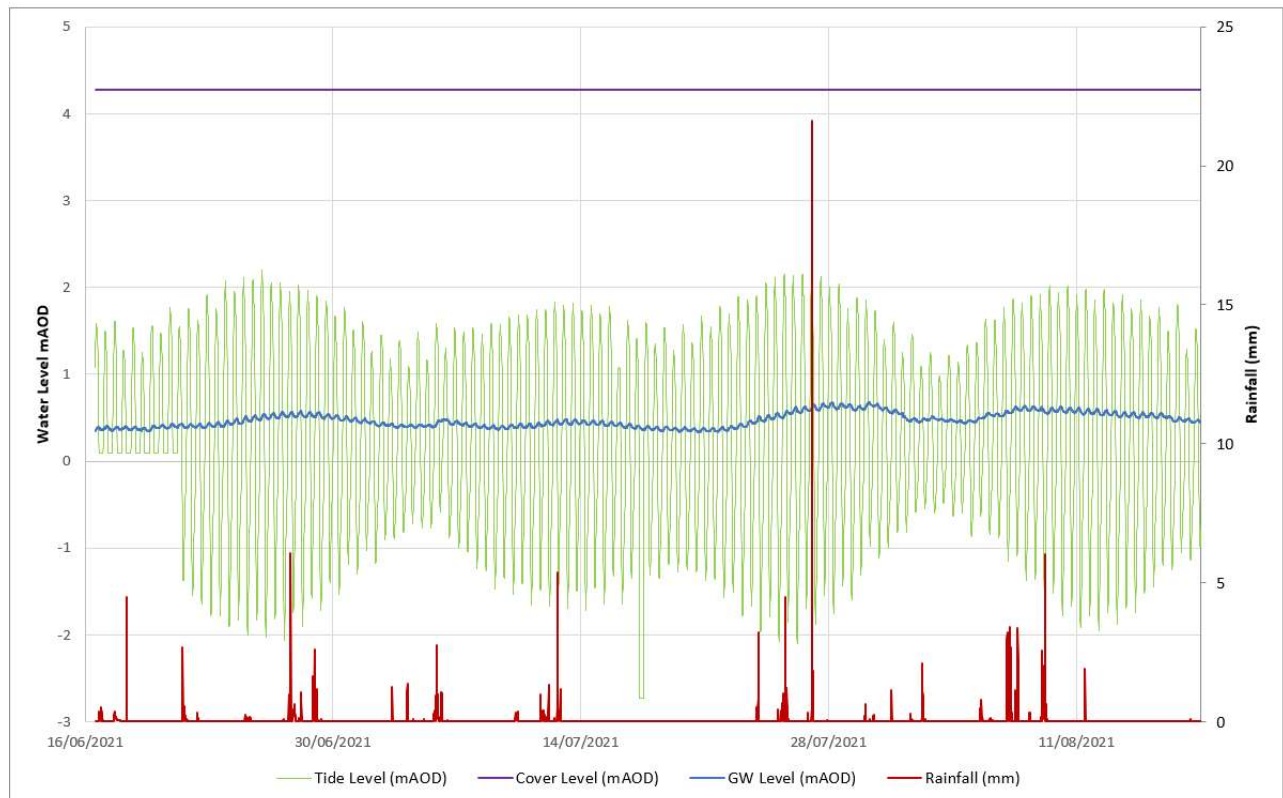
## D.38 – BHRH15 Esplanade Hydrograph

Hydrograph for BHRH15 Esplanade shows a rising and falling tide level between 28/07/2020 to 30/10/2020. The maximum tide level was 2.56m above Ordnance Datum (AOD) and the minimum level was -2.43m AOD. The blue line denotes the groundwater level from 0.439m to 0.943m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BHRH15 is 3.35m AOD.



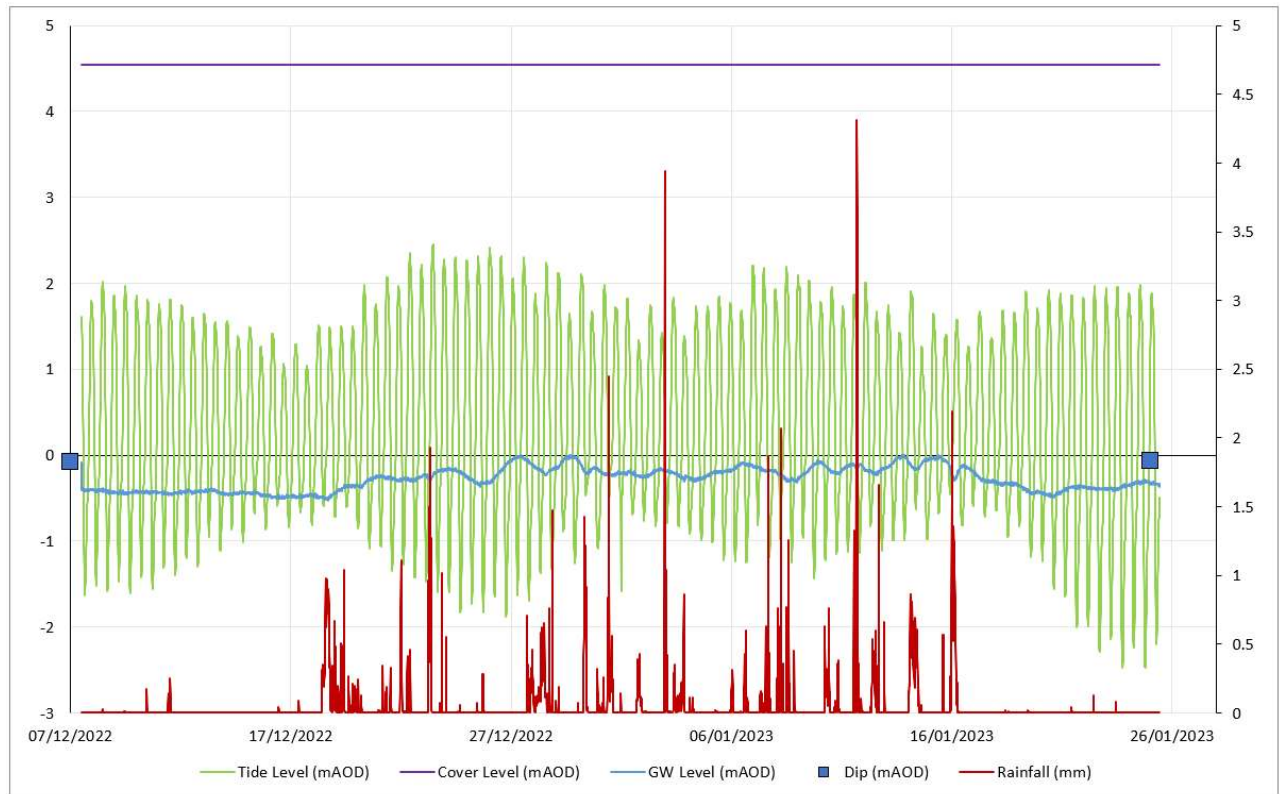
## D.39 – BHRH16a Pyramids Hydrograph

Hydrograph for BHRH16a Pyramids shows a rising and falling tide level between 06/06/2021 to 18/08/2021. The maximum tide level was 2.20m above Ordnance Datum (AOD) and the minimum level was -2.73m AOD. The blue line denotes the groundwater level from 0.334m to 0.677m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole BHRH16a is 4.28m AOD.



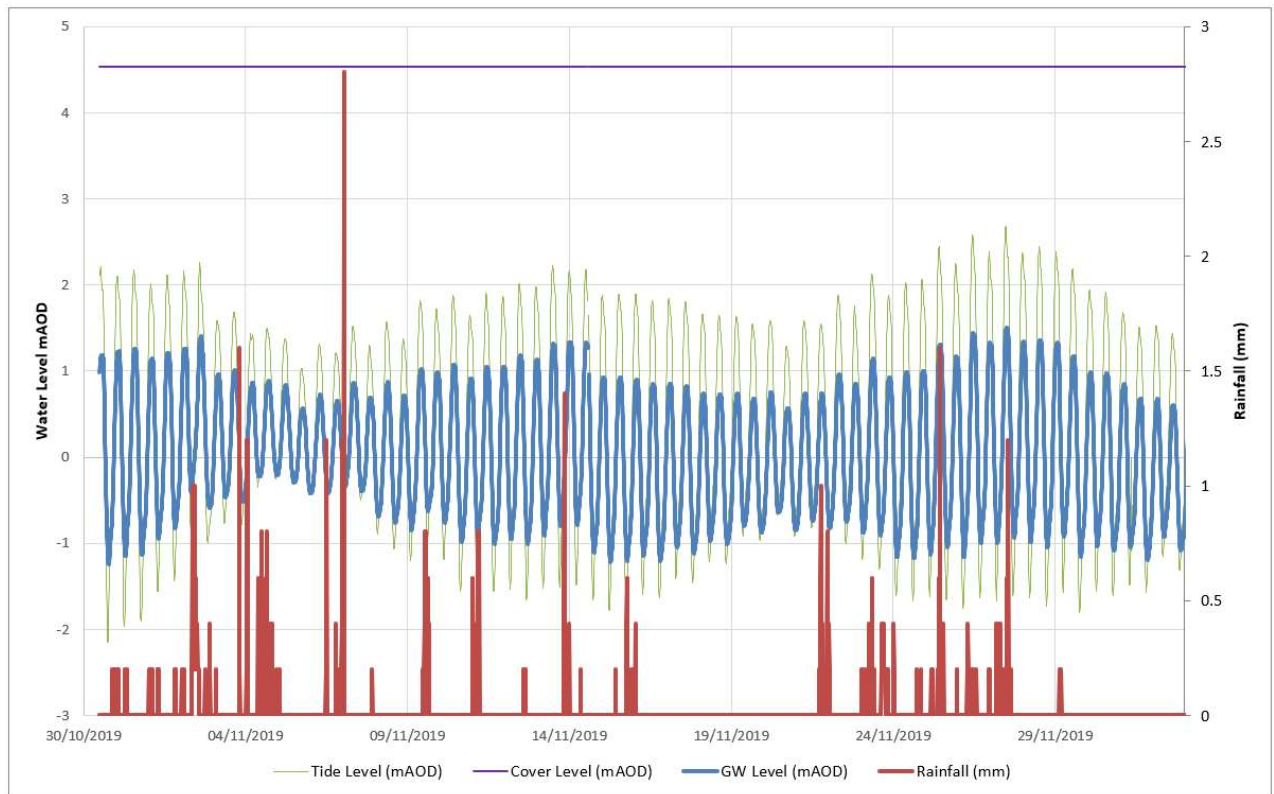
## D.40 – BHRH18 Promenade SPP East Hydrograph

Hydrograph for BHRH18 Promenade SPP East shows a rising and falling tide level between 07/12/2022 to 25/01/2023. The maximum tide level was 2.45m above Ordnance Datum (AOD) and the minimum level was -2.48m AOD. The blue line denotes the groundwater level from -0.528m to 0.006m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole BHRH18 is 4.55m AOD.



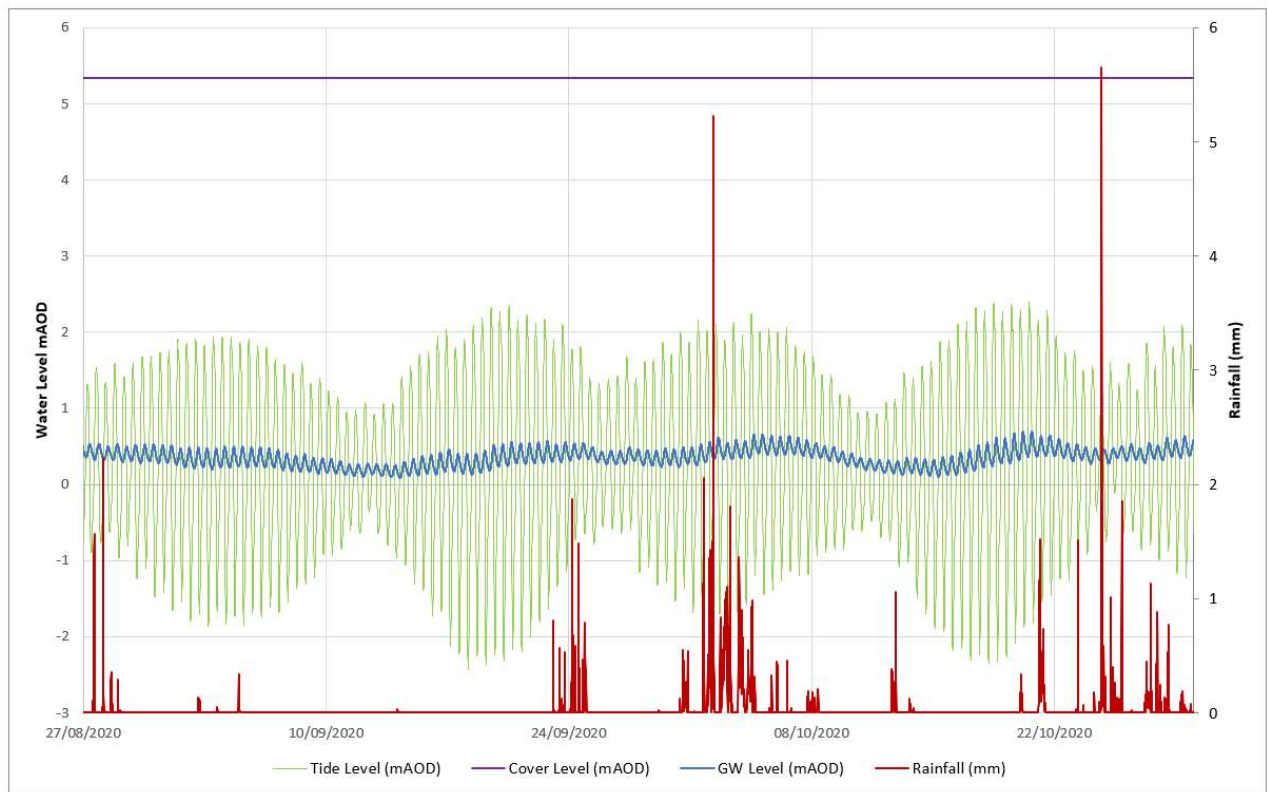
## D.41 – BHXX03 Canoe Lake Hydrograph

Hydrograph for BHXX03 Canoe Lake shows a rising and falling tide level between 30/10/2019 to 03/12/2019. The maximum tide level was 2.67m above Ordnance Datum (AOD) and the minimum level was -2.14m AOD. The blue line denotes the groundwater level from -1.243m to 1.505m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole BHXX03 is 4.53m AOD.



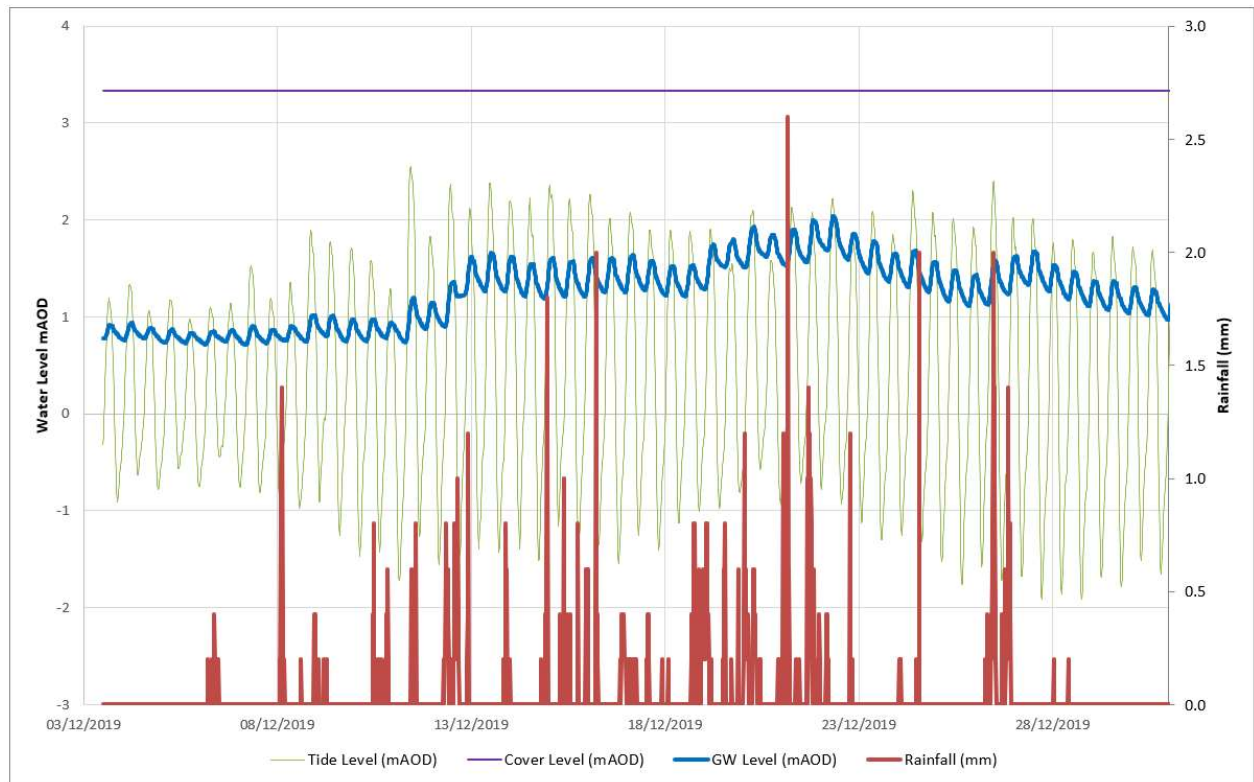
## D.42 – CPTRH01 Castle Promenade Hydrograph

Hydrograph for CPTRH01 Castle Promenade shows a rising and falling tide level between 30/10/2019 to 03/12/2019. The maximum tide level was 2.56m above Ordnance Datum (AOD) and the minimum level was -2.434m AOD. The blue line denotes the groundwater level from 0.077m to 1.029m AOD during the monitoring period and responding to tidal variation. The ground surface level for borehole CPTRH01 is 5.34m AOD.



## D.43 – NPIBH15 Tudor Sailing Club Hydrograph

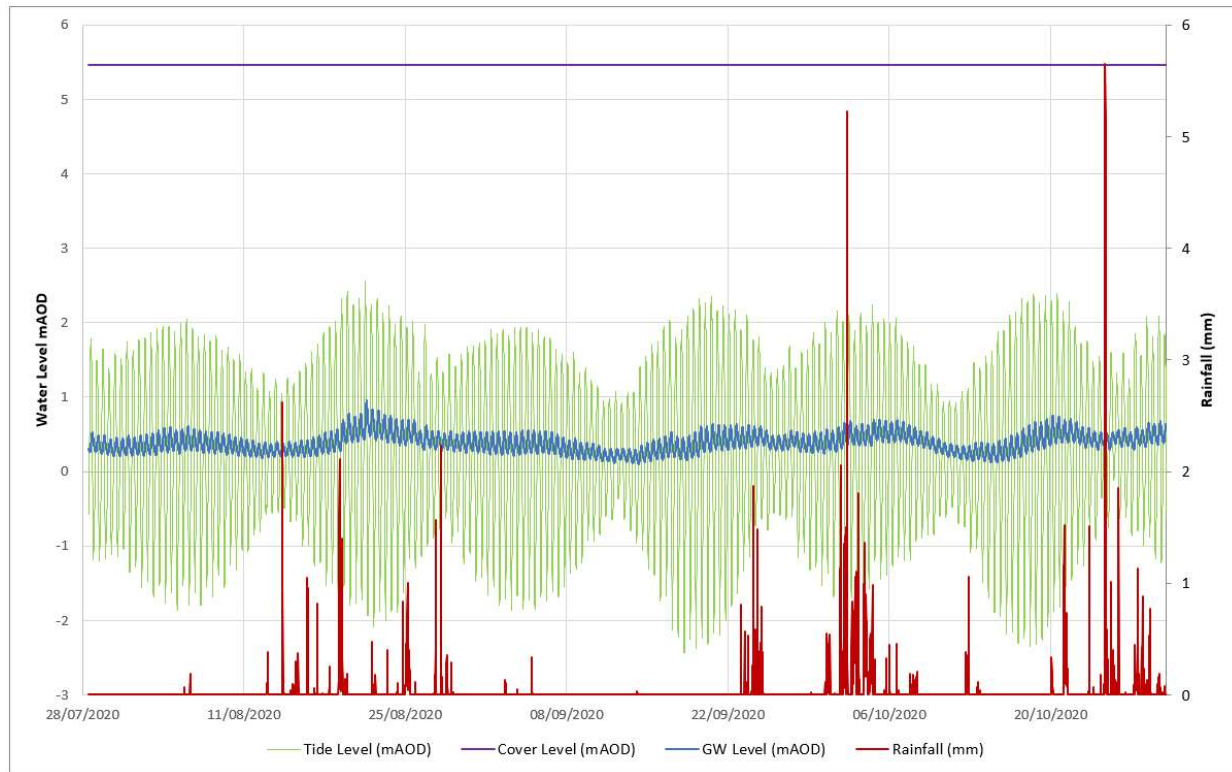
Hydrograph for NPIBH15 Tudor Sailing Club shows a rising and falling tide level between 03/12/2019 to 31/12/2019. The maximum tide level was 2.55m above Ordnance Datum (AOD) and the minimum level was -1.916m AOD. The blue line denotes the groundwater level from 0.711m to 2.039m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole CPTRH01 is 3.33m AOD.





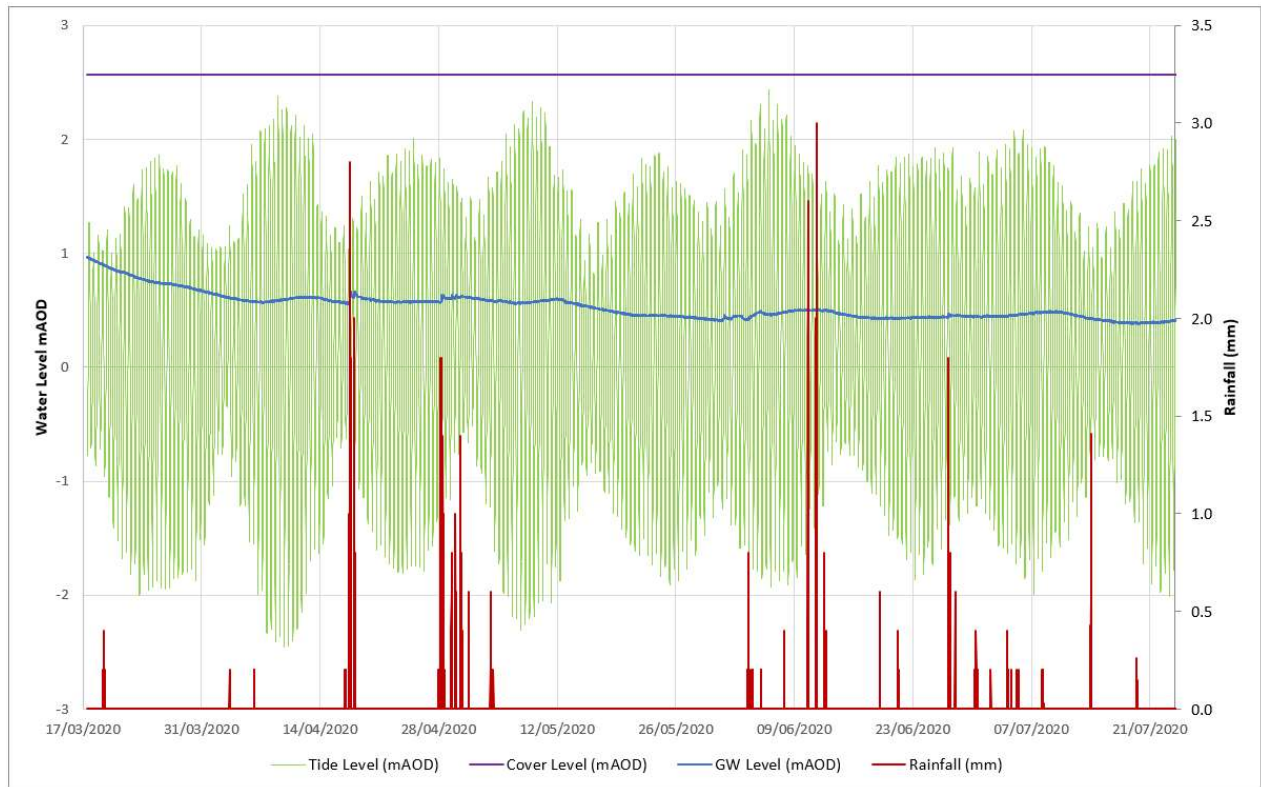
## D.44 – RCRH02 Castle Revetment Hydrograph

Hydrograph for RCRH02 Castle Revetment shows a rising and falling tide level between 28/07/2020 to 30/10/2020. The maximum tide level was 2.56m above Ordnance Datum (AOD) and the minimum level was -2.434m AOD. The blue line denotes the groundwater level from 0.098m to 0.953m AOD during the monitoring period and responding to tidal variation and rainfall. The ground surface level for borehole RCRH02 is 5.46m AOD.



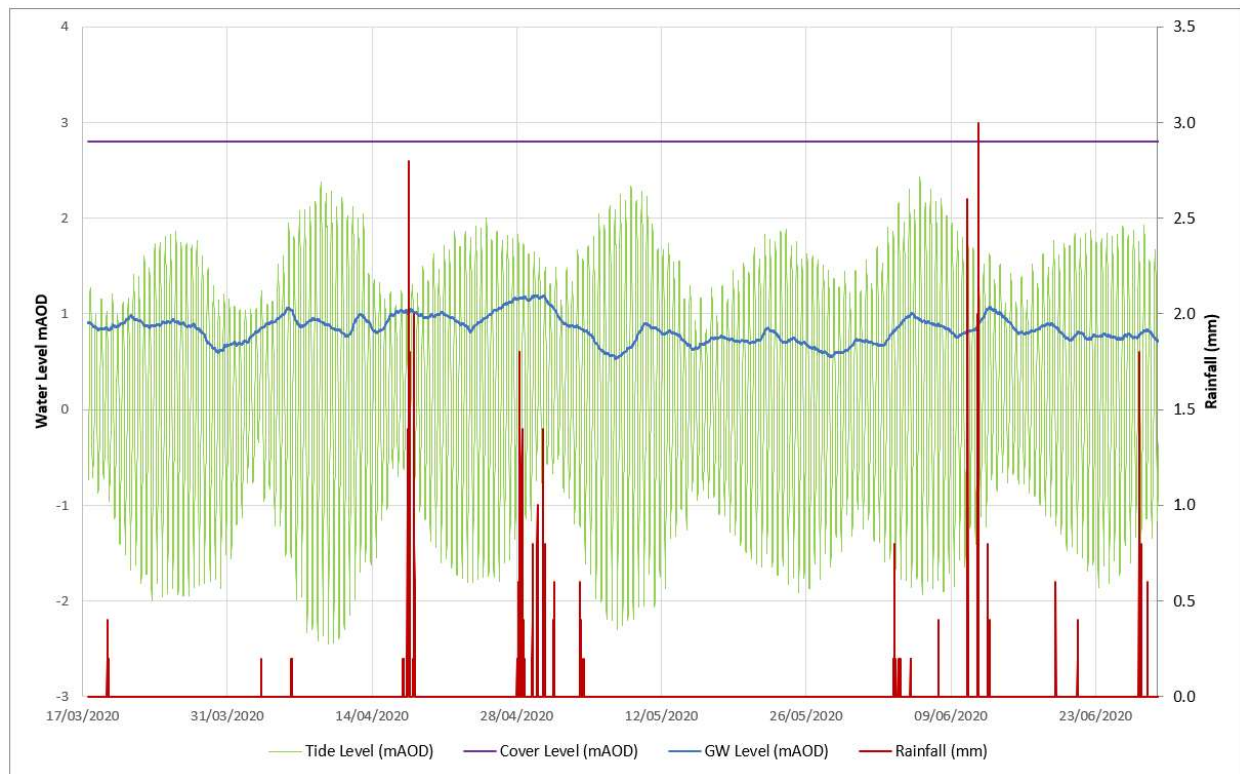
## D.45 – S1 Esplanade Blue Reef Hydrograph

Hydrograph for S1 Esplanade Blue Reef shows a rising and falling tide level between 17/03/2020 to 24/07/2020. The maximum tide level was 2.43m above Ordnance Datum (AOD) and the minimum level was -2.45m AOD. The blue line denotes the groundwater level from 0.379m to 0.97m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole S1 is 2.57m AOD.

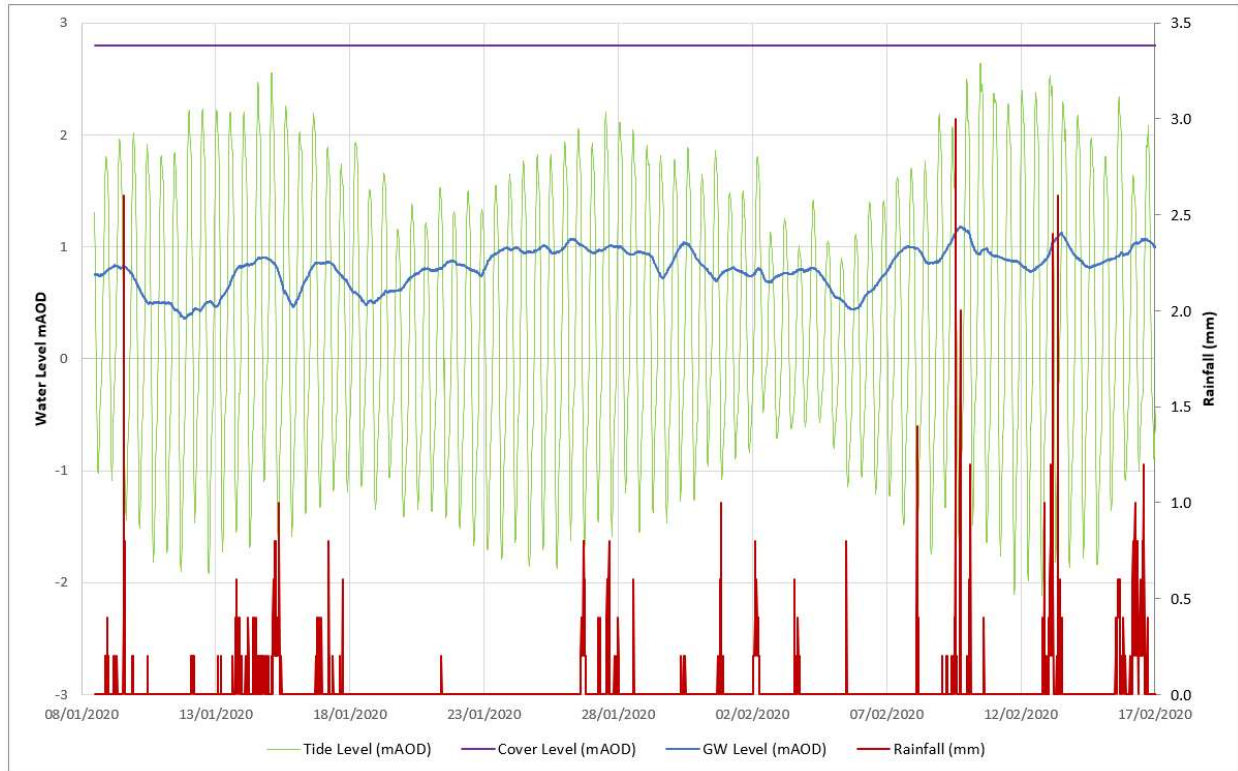


## D.46 – S2 D Day Museum Hydrographs

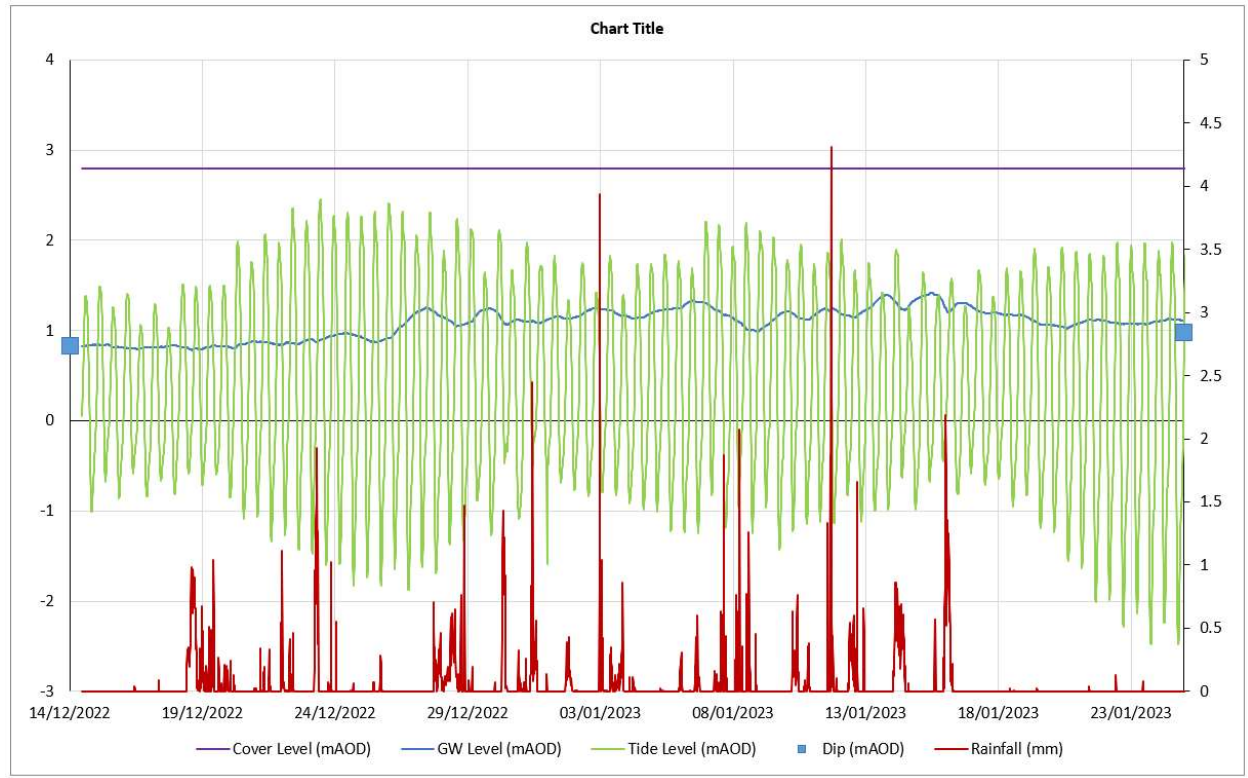
Hydrograph for S2 D Day Museum shows a rising and falling tide level between 17/03/2020 to 29/06/2020. The maximum tide level was 2.43m above Ordnance Datum (AOD) and the minimum level was -2.45m AOD. The blue line denotes the groundwater level from 0.529m to 1.194m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole S2 is 2.80m AOD.



Hydrograph for S2 D Day Museum shows a rising and falling tide level between 08/01/2020 to 17/02/2020. The maximum tide level was 2.64m above Ordnance Datum (AOD) and the minimum level was -2.12m AOD. The blue line denotes the groundwater level from 0.355m to 1.179m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole S2 is 2.80m AOD.



Hydrograph for S2 D Day Museum shows a rising and falling tide level between 14/12/2022 to 25/01/2023. The maximum tide level was 2.45m above Ordnance Datum (AOD) and the minimum level was -2.48m AOD. The blue line denotes the groundwater level from 0.783m to 1.423m AOD during the monitoring period and responding to rainfall. The ground surface level for borehole S2 is 2.80m AOD.



## D.47 – S3 Burgoyne Road Hydrograph

Hydrograph for S3 Burgoyne Road S2 D Day Museum shows a rising and falling tide level between 28/07/2020 to 13/11/2020. The maximum tide level was 2.56m above Ordnance Datum (AOD) and the minimum level was -2.43m AOD. The blue line denotes the groundwater level from -0.194m to -0.097m AOD during the monitoring period and no obvious response. The ground surface level for borehole S3 is 2.90m AOD.

