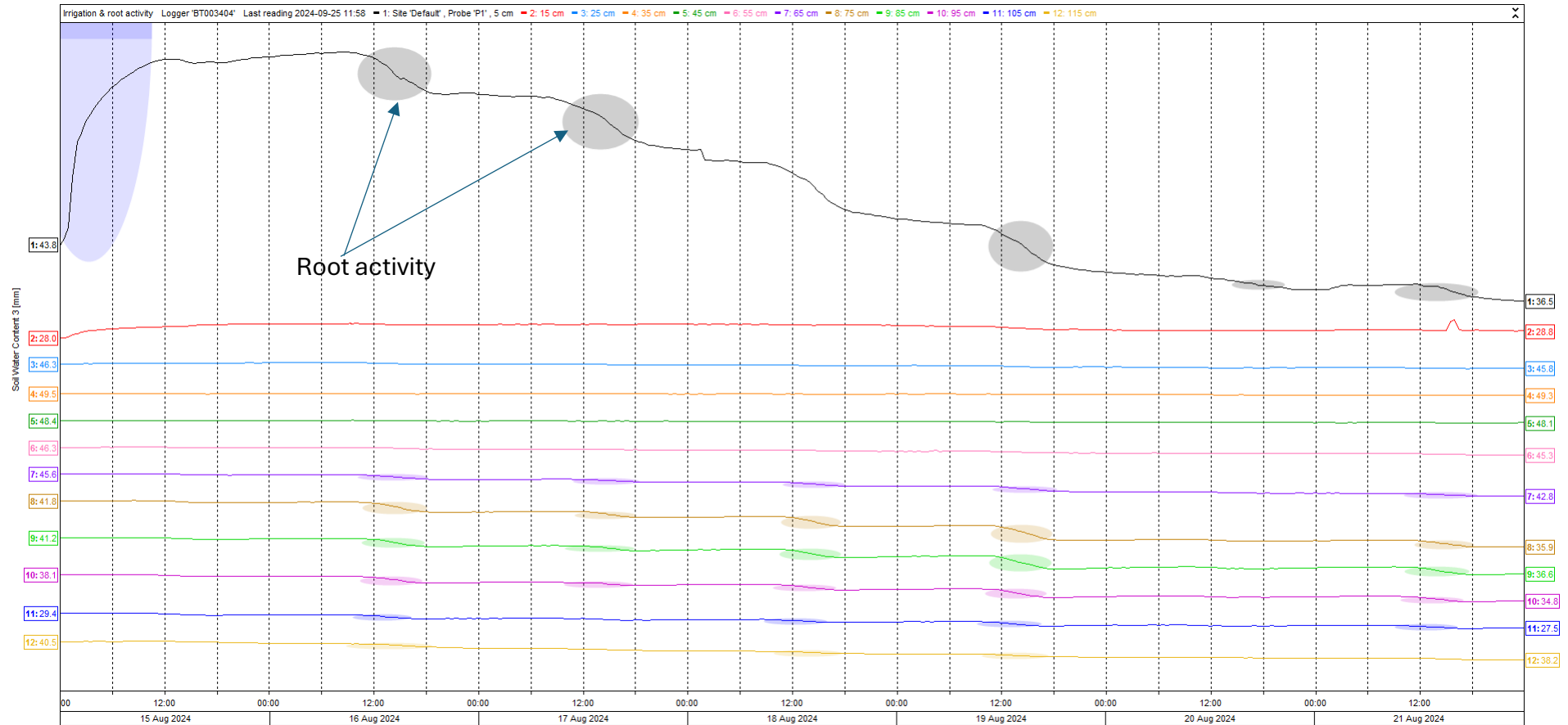
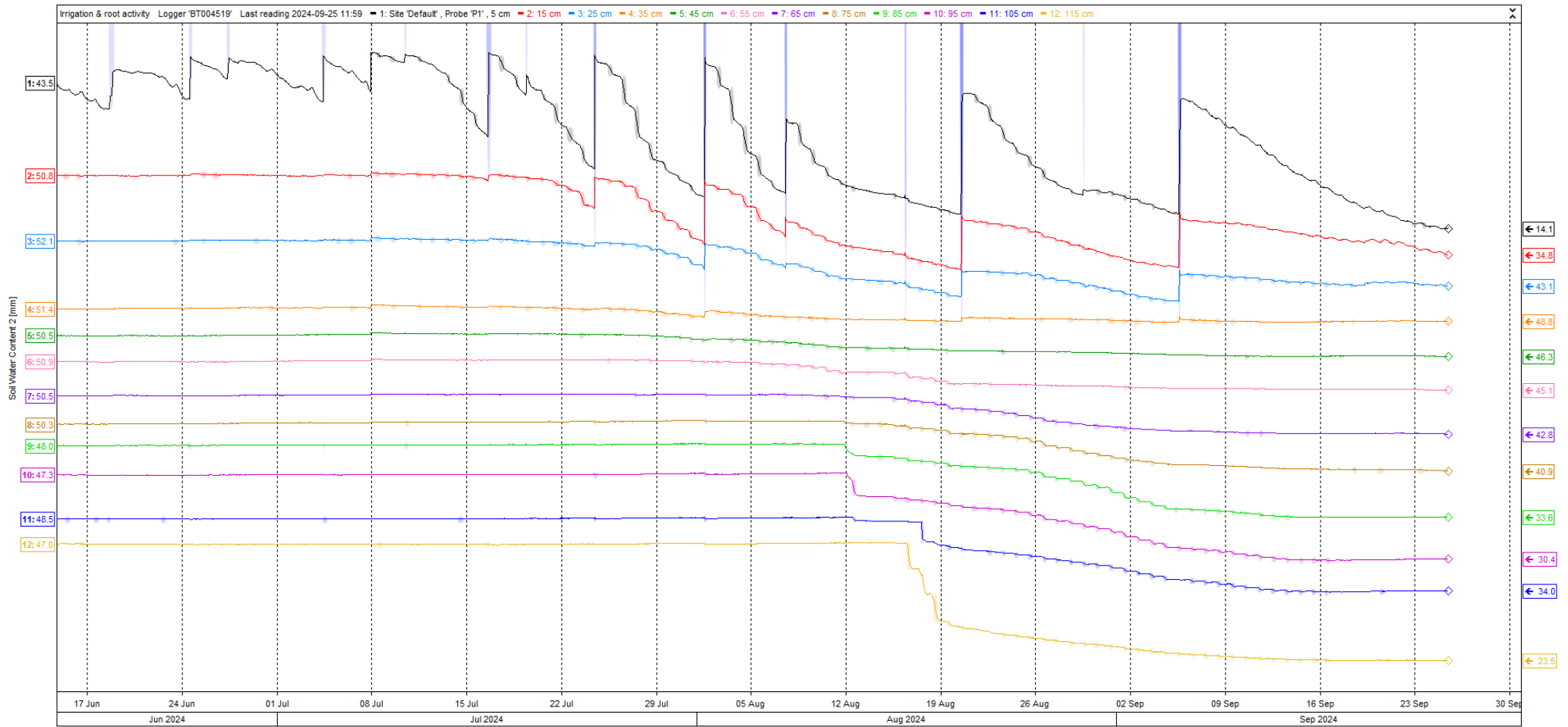


This graph depicts the moisture distribution in the preliminary plot without a rainout shelter (PEAS). Each line represents the moisture variability at a different depth. The sensors start at 15 cm and continue until 115 cm, each 10 cm apart. The values in the y-axis indicate the coil water content in mm at the beginning (left) and end (right) of the given period.

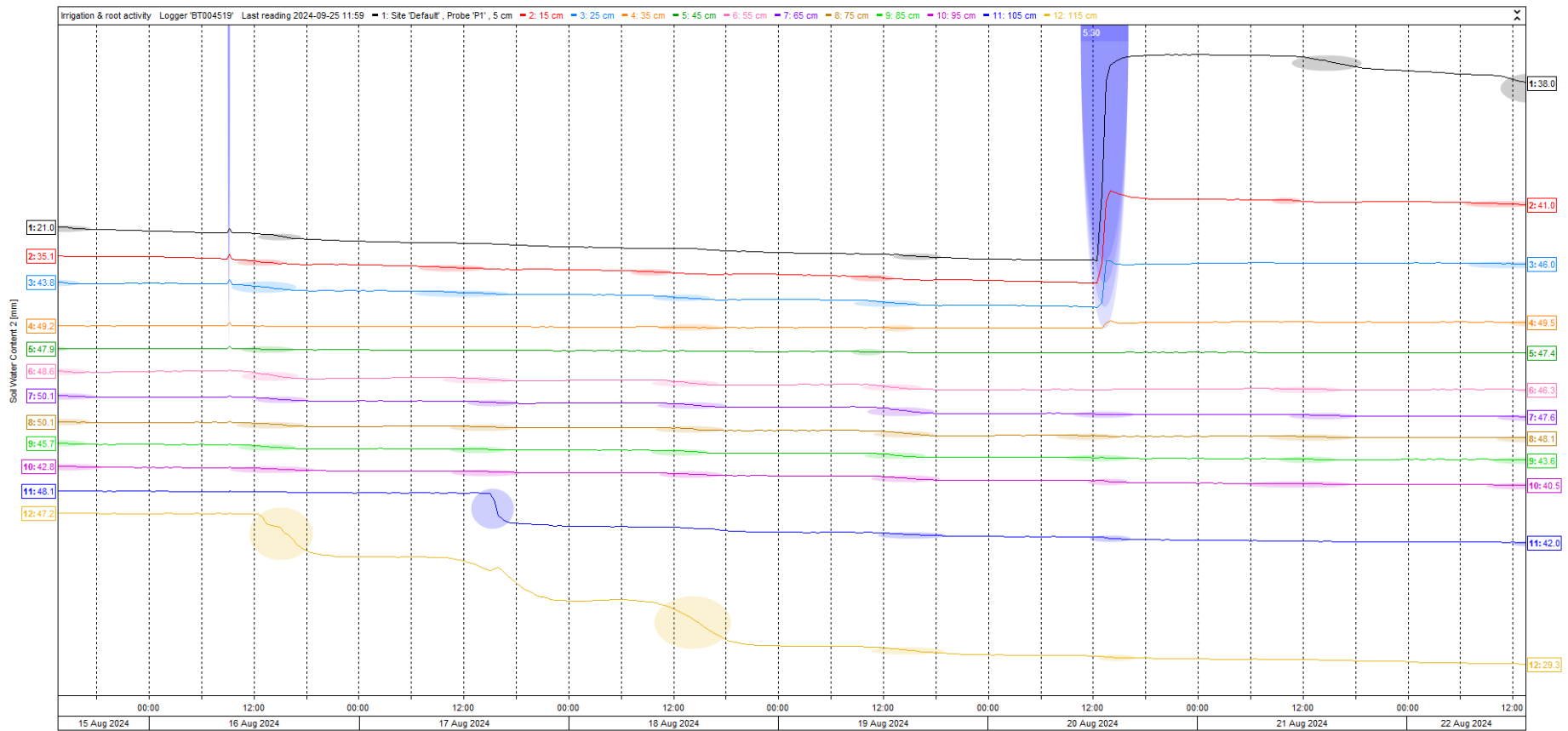
The circle in each line shows the plant water uptake as root activity, calculated based on a moisture drop. The blue lines in the topmost layer indicated the rain events over the season.



This graph depicts the moisture distribution in the preliminary plot without a rainout shelter (PEAS) between Aug 15 and Aug 21 (7 days). Each line represents the moisture variability at a different depth. The circle in each line shows the plant water uptake as root activity, calculated based on a moisture drop. The blue oval in the topmost layer indicated the rain event in the week.



This graph depicts the moisture distribution in a plot with a rainout shelter (PEAS) in Ambient precipitation treatment. Each line represents the moisture variability at a different depth. The circle in each line shows the plant water uptake as root activity, calculated based on a moisture drop. The blue lines in the topmost layer indicated the irrigation events over the season.



This graph depicts the moisture distribution in a plot with a rainout shelter (PEAS) in Ambient precipitation treatment between Aug 15 and Aug 21 (and days). Each line represents the moisture variability at a different depth. The circle in each line shows the plant water uptake as root activity, calculated based on a moisture drop. The blue oval in the topmost layer indicated the irrigation event in the week.