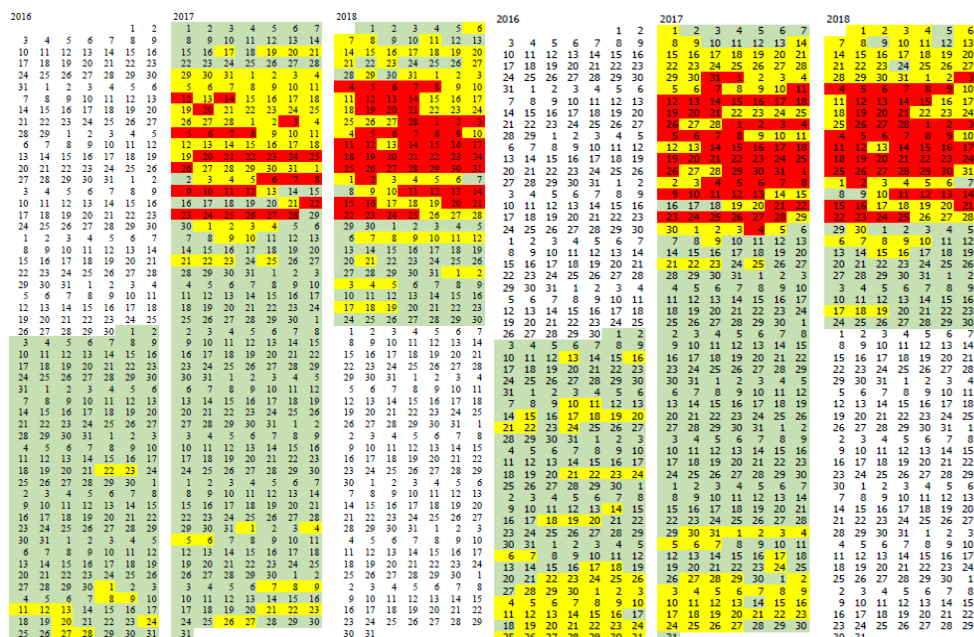


Table 5. Estimated parameters of the Largest Extreme Value distribution and return periods for PM_{2.5} concentration

Station	Estimated parameters	Return period (days)
Yupparaj Wittayalai school	$\hat{\mu} = 61.42, \hat{\sigma} = 10.26$	20.97
City Hall	$\hat{\mu} = 61.64, \hat{\sigma} = 10.24$	22.61



(a) Yupparaj Wittayalai school station (b) City Hall Station

Fig. 2: Daily average concentration of PM_{2.5} from 1st July 2016 to 30th June 2018. (green = less than 25 µg/m³, yellow = 25 - 50 µg/m³, red = more than 50 µg/m³)