



Weather Resilience and Climate Change Adaptation

Western Route Periodic Performance Report – 2018/2019 P1

Figure 1 provides an overview of the impact of different weather related events by day for period 1 in relation to delay minutes and PPM performance for Western route. If adverse/extreme conditions were experienced by one or more TOC during a week, a yellow or red dot will indicate the performance of the TOC(s) in question. Weather events don't always cause drops in performance (e.g. extreme rainfall may not flood the railway) and therefore, performance on adverse/extreme days can be higher than expected.

Figure 1 Weather related PPM and delay minutes for P1 2018

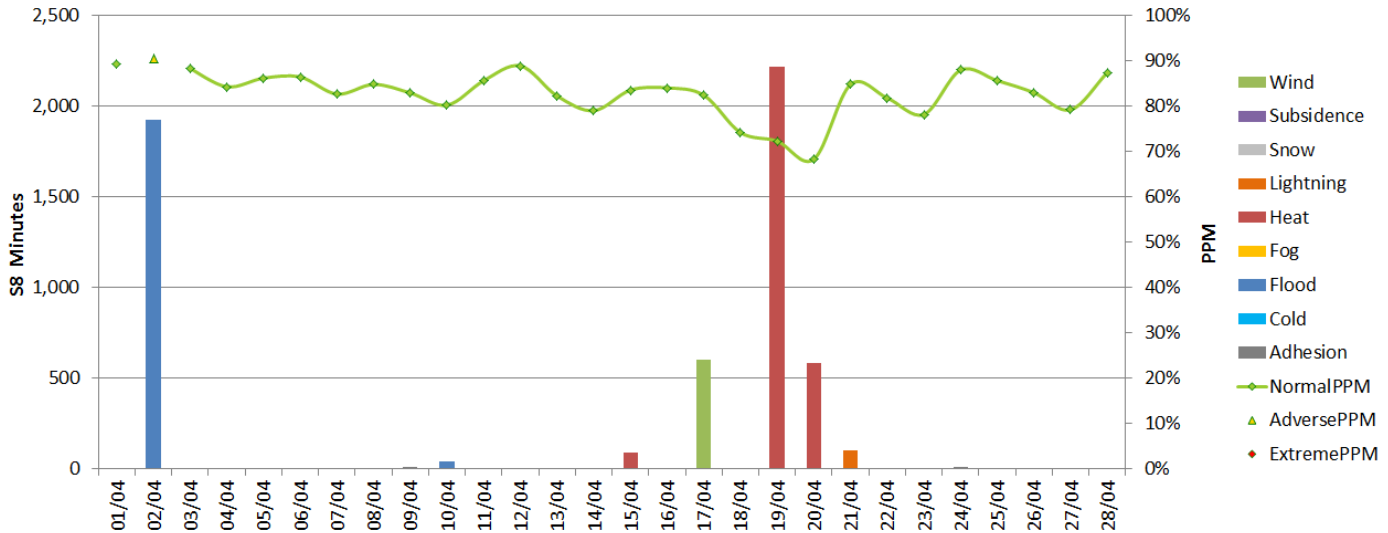
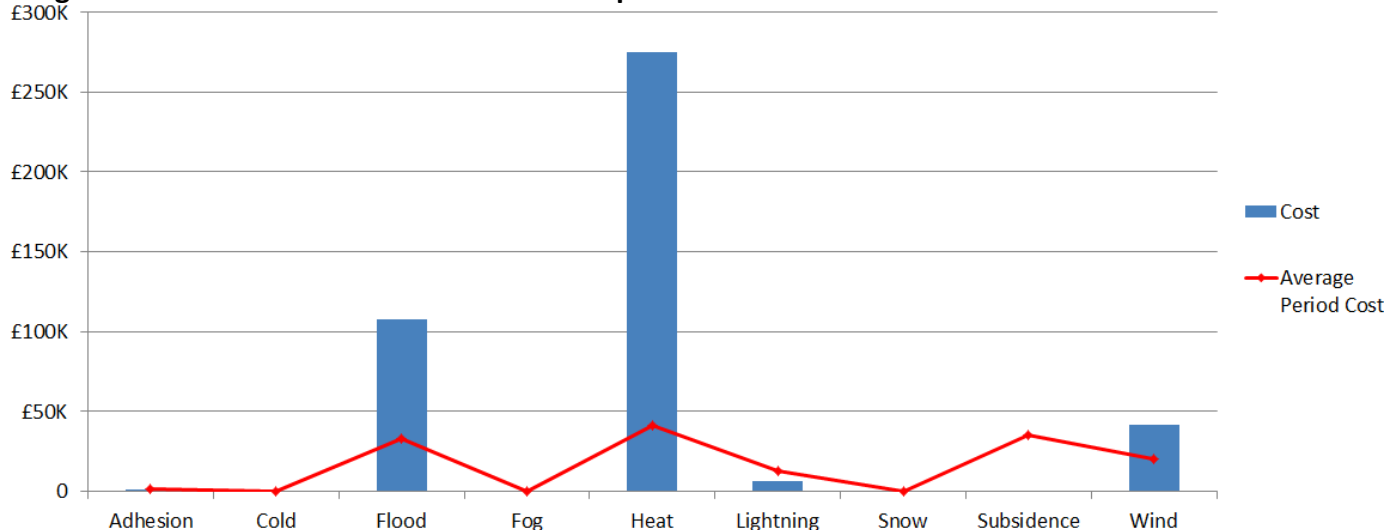


Figure 2 Weather related Schedule 8 cost impact for P1 Western



Note that this figure relates to Schedule 8 cost and does not include OPEX or other costs.

Table 1 Top 10 weather related incidents P1

| Date | IncidentDescription | stanoxSection | Route | Weather Category | Delay Minutes | Cost |
|------------|------------------------------|---------------------------------|-----------------------|------------------|---------------|-------------|
| 19/04/2018 | DIDCTEJ 20 ESR DM/DR | Didcot Parkway | WESTERN Thames Valley | Heat | 1701 | £151,516.25 |
| 02/04/2018 | CPM WTNBSTJ FLOODING | Wootton Bassett Jn : Chippenham | WESTERN Thames Valley | Flood | 1610.5 | £103,558.74 |
| 17/04/2018 | PNZ PZ66 TC FLR | St Erth : Penzance | WESTERN West | Wind | 592 | £41,296.41 |
| 20/04/2018 | DIDCTEJ 20 ESR DM/DR | Didcot Parkway | WESTERN Thames Valley | Heat | 327 | £27,149.47 |
| 19/04/2018 | WANTRD CHALLOW 30/60 ESR DM | Didcot Parkway : Challow | WESTERN Thames Valley | Heat | 142 | £19,740.28 |
| 19/04/2018 | HTRWAJN STL 30/60 HEAT SPEED | Southall : Heathrow Airport Jn | WESTERN Thames Valley | Heat | 171 | £19,619.96 |
| 20/04/2018 | HTRWAJN STL 30/60 HEAT SPEED | Southall : Heathrow Airport Jn | WESTERN Thames Valley | Heat | 137 | £16,402.99 |
| 20/04/2018 | HTRWAJN 20 ESR UM HEAT SPEED | Heathrow Airport Jn | WESTERN Thames Valley | Heat | 102 | £12,806.72 |
| 19/04/2018 | HTRWAJN UM/UA HEAT SPEED | Heathrow Airport Jn : Slough | WESTERN Thames Valley | Heat | 87 | £11,269.75 |
| 21/04/2018 | WSB LIGHTNING | Westburyw | WESTERN Thames Valley | Lightning | 102 | £6,701.69 |