



Weather Resilience and Climate Change Adaptation

LNW Route Periodic Performance Report – 2018/2019 P7

Figure 1 provides an overview of the impact of different weather related events by day for period 7 in relation to delay minutes and PPM performance for LNW 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 P7 2018 LNW

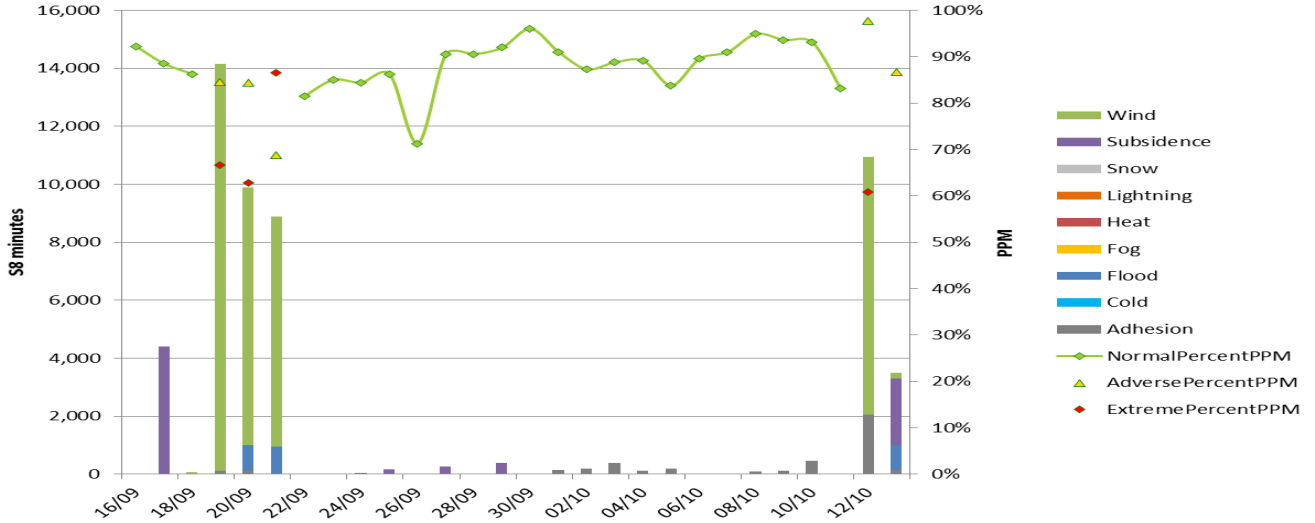
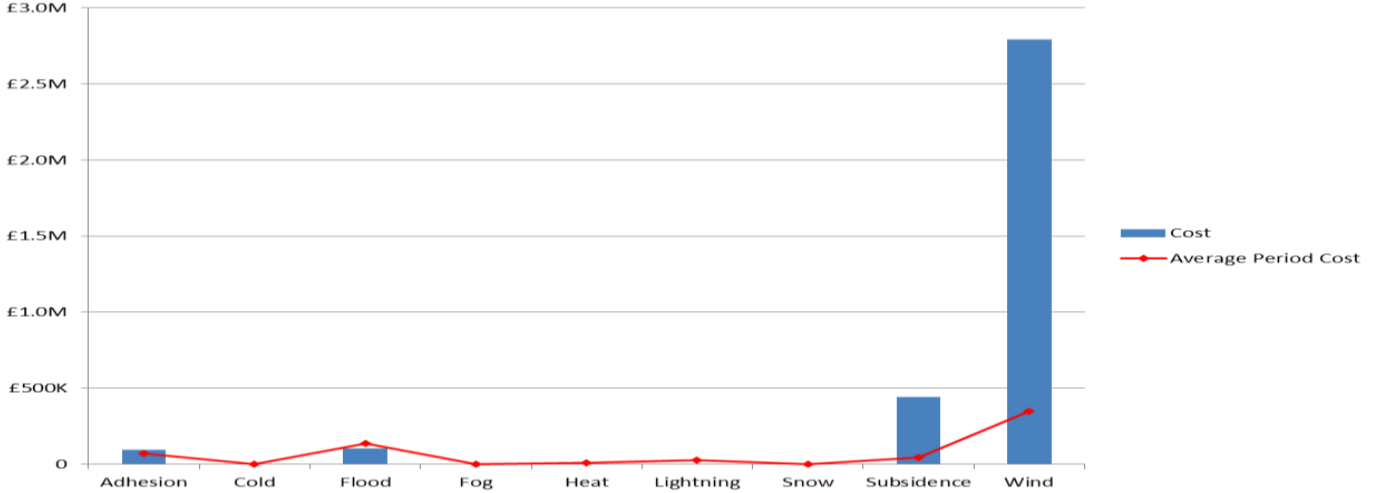


Figure 2 Weather related Schedule 8 cost impact for P7 LNW



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

Table 1 Top 10 weather related incidents P7

Date	IncidentDescription	stanoxSection	Route	Weather Category	Delay Minutes	Cost
21/09/2018	90 MPH BLANKET SPEED XHN XWZ	Weedon : Hanslope Jn	LNW South	Wind	4409	£590,397.04
12/10/2018	TREE ON OHLE DM HANSRD	Weedon : Hanslope Jn	LNW South	Wind	3029	£447,840.85
19/09/2018	BALLONS ON OLE UF HML	Bourne End Jn (Herts) : Watford Junction	LNW South	Wind	2278	£355,221.78
20/09/2018	50 ESR BLANKET SPEED XOA WGN	Garstang & Catteral : Preston	LNW North	Wind	5103	£331,018.95
13/10/2018	20 ESR LBRIGG U/L	Tebay : Oxenholme Lake District	LNW North	Subsidence	2293	£280,354.89
12/10/2018	50 BLANKET ESR XOA PNR	Oxenholme Lake District : Carnforth North Jr	LNW North	Wind	3112	£269,437.23
17/09/2018	50 TSR UM BCS PRR	Bicester North : Princes Risborough	LNW South	Subsidence	4409	£132,218.69
19/09/2018	BREAKER FLT LIV ALE	Liverpool Lime Street	LNW North	Wind	3992	£119,689.81
21/09/2018	TREE ON LINE MCV SYB	Manchester Victoria : Stalybridge	LNW North	Wind	2161.5	£89,802.78
12/10/2018	TREE ON LINE NORTH WALES COAST	Holyhead : Bangor (Gwynedd)	LNW North	Wind	1912	£89,516.37