

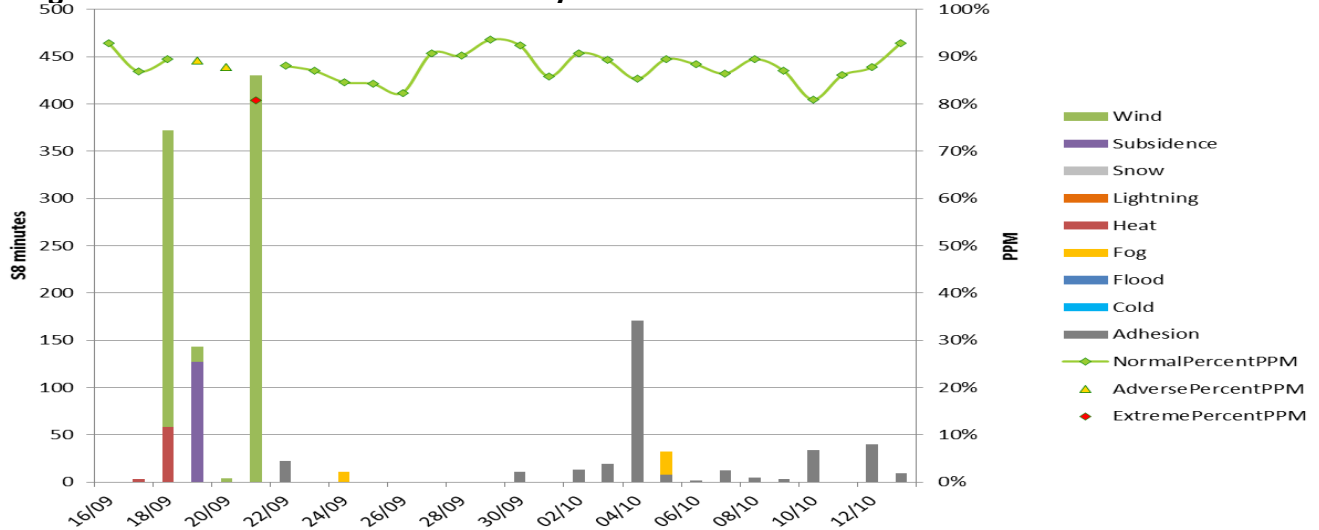


# Weather Resilience and Climate Change Adaptation

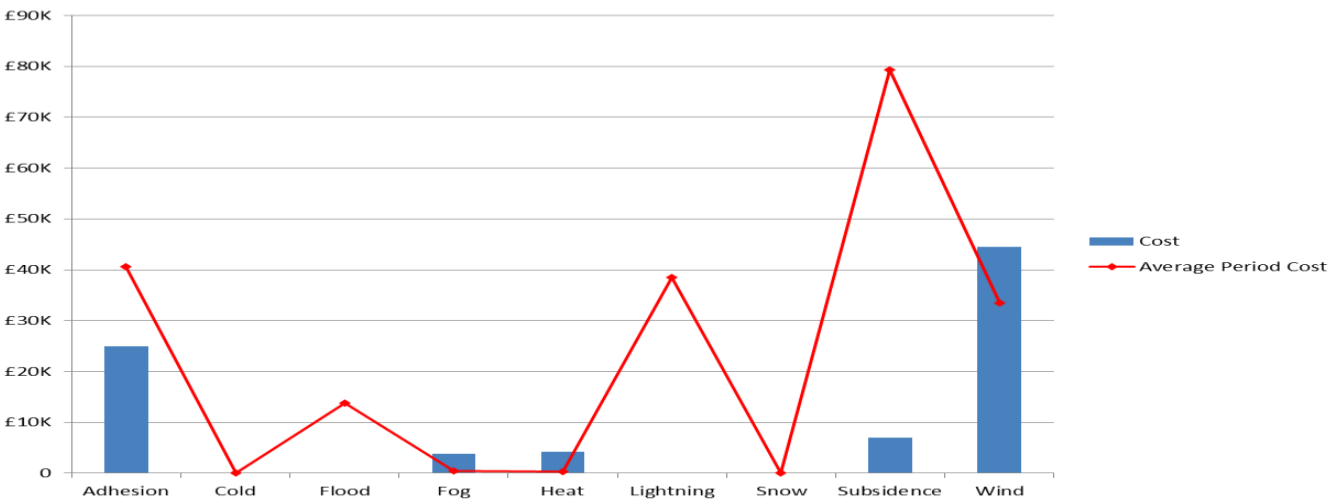
## Southern Route Periodic Performance Report – 2018/2019 P7

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 Southern 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 Southern**



**Figure 2 Weather related Schedule 8 cost impact for P7 Southern**



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
18/09/2018	SSE OBJECT BLOWN ON TRACK	Shoreham-By-Sea	SUSSEX	Wind	314	£20,660.91
04/10/2018	2P04 PRHC TAT CDN	Tattenham Corner : Coulsdon Town	SUSSEX	Adhesion	120	£10,683.14
21/09/2018	5H52 WIND XOP WAD	Bopeep Jn S.B. : Wadhurst	KENT	Wind	70	£8,445.54
21/09/2018	NBC BKJ TREE ON LINE	Beckenham Junction : New Beckenham	KENT	Wind	132	£6,835.08
19/09/2018	LEN CHG 50MPH ESR D/L KT18Z152	Maidstone East : Ashford International	KENT	Subsidence	121	£6,730.02
18/09/2018	2R14 6 OVERTIME SEV	Sevenoaks	KENT	Heat	58	£4,146.03
21/09/2018	5W05 WIND DVP	Dover Priory	KENT	Wind	107	£3,302.71
24/09/2018	FOGNAL LC MISUSE SIT FAV	Sittingbourne : Faversham	KENT	Fog	11	£3,295.17
12/10/2018	3S78 RHTT TON	Tonbridge Jubilee Sidings	KENT	Adhesion	16	£3,052.32
04/10/2018	2V47 LFNZ REI-SFR	Shalford : Reigate	SUSSEX	Adhesion	44	£2,730.27