

Weather Resilience and Climate Change Adaptation Southern Route Periodic Performance Report – 2018/2019 P3

Figure 1 provides an overview of the impact of different weather related events by day for period 3 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 P3 2018

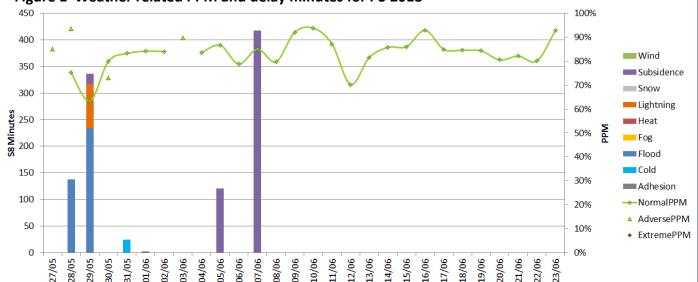
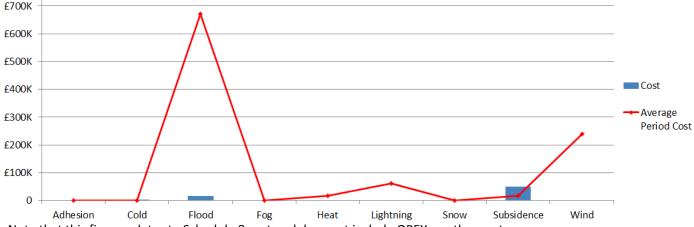


Figure 2 Weather related Schedule 8 cost impact for P3 Southern



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

Table 1 Top 10 weather related incidents P3

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IncidentDescription	stanoxSection	Route	Weather Category	Delay Minutes	Cost
CBR TRACK DEFECT	Keymer Jn : Lewes	SUSSEX	Subsidence	417	£41,972.02
VIC STATION FLOODING	London Victoria	SUSSEX	Flood	138	£9,347.01
CBE BKS TSR 20 T2018/141682	Canterbury East : Dover Priory	KENT	Subsidence	121	£6,134.57
SEV ORP SXB TC FLR	Orpington : Sevenoaks	KENT	Flood	148	£5,207.59
HE FLOODING OF THE TRACK	Haywards Heath	SUSSEX	Cold	24	£2,697.05
MULTIPLE TC FLR WWA CTN	Charlton: Woolwich Arsenal	KENT	Lightning	83	£2,147.10
NGT FLOODING	Gillingham (Kent) : Sittingbourne	KENT	Flood	47	£1,465.93
GLM BNP/BET TC FLR	Gillingham (Kent)	KENT	Flood	39	£1,125.03
BKS 20MPH ESR KT18Z027	Canterbury East : Dover Priory	KENT	Subsidence	19	£1,011.92
HLM ESR 20MPH UL SX18 007B	Dorking: Horsham	SUSSEX	Subsidence	2	£267.00
1	CBR TRACK DEFECT VIC STATION FLOODING BE BKS TSR 20 T2018/141682 SEV ORP SXB TC FLR HE FLOODING OF THE TRACK MULTIPLE TC FLR WWA CTN NGT FLOODING GLM BNP/BET TC FLR BKS 20MPH ESR KT18Z027	CBR TRACK DEFECT VIC STATION FLOODING BE BKS TSR 20 T2018/141682 SEV ORP SXB TC FLR HE FLOODING OF THE TRACK MULTIPLE TC FLR WWA CTN NGT FLOODING GLM BNP/BET TC FLR BKS 20MPH ESR KT18Z027 Keymer Jn: Lewes London Victoria Canterbury East: Dover Priory Sevenoaks Haywards Heath Charlton: Woolwich Arsenal Gillingham (Kent): Sittingbourne GlM BNP/BET TC FLR Gillingham (Kent) Canterbury East: Dover Priory	CBR TRACK DEFECT Keymer Jn : Lewes SUSSEX VIC STATION FLOODING London Victoria SUSSEX BE BKS TSR 20 T2018/141682 Canterbury East : Dover Priory KENT SEV ORP SXB TC FLR Orpington : Sevenoaks KENT HE FLOODING OF THE TRACK Haywards Heath SUSSEX MULTIPLE TC FLR WWA CTN Charlton : Woolwich Arsenal KENT NGT FLOODING Gillingham (Kent) : Sittingbourne KENT GLM BNP/BET TC FLR Gillingham (Kent) KENT BKS 20MPH ESR KT18Z027 Canterbury East : Dover Priory KENT	CBR TRACK DEFECT Keymer Jn : Lewes SUSSEX Subsidence VIC STATION FLOODING London Victoria SUSSEX Flood BE BKS TSR 20 T2018/141682 Canterbury East : Dover Priory KENT Subsidence SEV ORP SXB TC FLR Orpington : Sevenoaks KENT Flood HE FLOODING OF THE TRACK Haywards Heath SUSSEX Cold MULTIPLE TC FLR WWA CTN Charlton : Woolwich Arsenal KENT Lightning NGT FLOODING Gillingham (Kent) : Sittingbourne KENT Flood GLM BNP/BET TC FLR Gillingham (Kent) KENT Flood BKS 20MPH ESR KT18Z027 Canterbury East : Dover Priory KENT Subsidence	CBR TRACK DEFECT Keymer Jn : Lewes SUSSEX Subsidence 417 VIC STATION FLOODING London Victoria SUSSEX Flood 138 BE BKS TSR 20 T2018/141682 Canterbury East : Dover Priory KENT Subsidence 121 SEV ORP SXB TC FLR Orpington : Sevenoaks KENT Flood 148 HE FLOODING OF THE TRACK Haywards Heath SUSSEX Cold 24 MULTIPLE TC FLR WWA CTN Charlton : Woolwich Arsenal KENT Lightning 83 NGT FLOODING Gillingham (Kent) : Sittingbourne KENT Flood 47 GLM BNP/BET TC FLR Gillingham (Kent) KENT Flood 39 BKS 20MPH ESR KT18Z027 Canterbury East : Dover Priory KENT Subsidence 19

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