

Flood Severity Index

rev 9a - 26th May 2016

Factor Example

Road classification and size (from HAPMS network location) 1.0 = A

Motorway	1.0
APTR Dual 3+	0.9
APTR Dual 2	0.8
APTR Single	0.7
Not snapped to HAPMS	0.0

AADT (total for ONE carriageway) 1.0 = B

>25,000	1.0
15,000-25,000	0.8
<15,000	0.6
[Not Recorded]	0.8

Maximum effect on carriageway 1.0 = C

Total closure	1.0	★
Partial closure	0.9	
Hard shoulder only	0.6	
Congestion only	0.7	
None	0.2	(was zero until 25 May 2016)
[Not Recorded]	0.7	

Duration of impact (cleared time - reported time) 0.8 = D

>= 6 hours	1.0	★
>= 2 hours	1.0	
>= 1 hour	0.9	
>= 15 mins	0.8	
< 15 mins	0.3	(was zero until 25 May 2016)
No cleared time recorded	0.8	

★ Floods of >=6 hrs duration with a "total closure" will have an FSI of 10 regardless of other factors.

Overall Index of Flood Severity 8 = A x B x C x D x 10