

The Impact of Climate Change on Warwickshire Fire and Rescue Service

RISK:	IMPACTS		RISK SCORE	ADAPTATION POSSIBILITIES
	THREATS	OPPORTUNITIES		
Incidents: Primary and Secondary Fires.	Climate scenarios demonstrate that climate change will lead to an increase in the frequency of hot summers and therefore to an increase in the number and severity of grassland and woodland fires, requiring significant extra effort from Fire and Rescue Services.	Opportunity to build upon the existing prevention work	12	WFRS Improvement Plan (Appendix 2)
Woodland Fires	Increased tourism will lead to more people accessing grassland/woodland areas leading to an increase in secondary fires.	More people around to spot fires before they become out of control.	12	WFRS Improvement Plan (Appendix 2)
Road Traffic Collisions (RTC)	Increased number of RTCs due to the increase in tourism.	Increased number of vehicles will reduce the average speed and possible lessen the seriousness of the incident	12	WFRS Improvement Plan (Appendix 2)
Flooding	Increase in rainfall, especially when it falls very heavily.	Multi-Agency working	16	WFRS Improvement Plan (Appendix 2); Partnership working with Environment Agency and Planning Authorities.
Droughts	Reduction in the levels of water available for firefighting and training.	Development of water network	12	The United Kingdom Water Industry Research Project (UKWIR)
Windspeed and Storms	Damage caused by wind and storms likely to increase	Multi-Agency working	12	WFRS Improvement Plan (Appendix 2); Specialist Urban Search and Rescue teams – West Midlands/Hereford & Worcester
Increased leisure use of waterways	Increased number of people requiring rescue	Increased revenue to the local community	8	WFRS Improvement Plan (Appendix 2)

Subsidence	Due to reduction in water land may begin to subside causing structural collapse	Multi-Agency working	8	Specialist Urban Search and Rescue teams – West Midlands/Hereford & Worcester
Built Infrastructure: Heat Stress - incidents	Personnel exposed to higher temperatures. Dehydration and sunstroke of personnel.	Improved monitoring of personnel	9	Continued Incident management, provision of refreshments and appropriate PPE
Heat Stress - offices	Personnel unable to continue working due to working environment becoming unbearable	To introduce new ways of working	9	Strategic Asset Management Planning