Risk and capacity in relation to major incidents

Dawn Docx
Deputy Chief Fire Officer
Each plan must outline all foreseeable fire and rescue related risks; how the service will allocate resources across, prevention, protection and response; required service delivery outcomes, including resource allocation for mitigating risks, and its management strategy and risk-based programme for enforcing the provisions of the Regulatory reform (Fire Safety) order 2005.
During this three week period, the Met Office’s ‘England and Wales Fire Severity Index’ (FSI) repeatedly predicted the wildfire risk across Greater Manchester as between ‘Very High’ and ‘High’.
On 22nd July, The ‘Natural Hazard Partnership Daily Hazard Assessment’ issued the first of 34 consecutive daily Amber wildfire warnings, continuing to warn of severe wildfire conditions across the region due to the ongoing warm and dry conditions.
Summary

• Peak period: June 24\textsuperscript{th} to July 11\textsuperscript{th} 2018
• Rapid escalation to spate conditions
• Risk to Critical National Infrastructure and public water supplies
• Prioritisation to life-risk incidents: dynamic mobilising
• 26\textsuperscript{th} June: Major Incident declared: 34 homes evacuated
• 27\textsuperscript{th} June: 30 pumps supporting from other FRSs
• 28\textsuperscript{th} June: 57 pumps in use including 12 mutual aid pumps
• 30\textsuperscript{th} June: Major Incident declared at Winter Hill
6th July

Saddleworth
4th June

Winter Hill

3.2 miles
Call Handled for all FRS 2017/2018

- 2017
  - 26-Jun: 459
  - 27-Jun: 471
  - 28-Jun: 301
  - 29-Jun: 406
  - 30-Jun: 368
  - 01-Jul: 371
  - 02-Jul: 464
  - 03-Jul: 385
  - 04-Jul: 366
  - 05-Jul: 475
  - 06-Jul: 536
  - 07-Jul: 341
  - 08-Jul: 573
  - 09-Jul: 556

- 2018
  - 26-Jun: 1855
  - 27-Jun: 1937
  - 28-Jun: 2499
  - 29-Jun: 2387
  - 30-Jun: 1688
  - 01-Jul: 1902
  - 02-Jul: 2926
  - 03-Jul: 1567
  - 04-Jul: 1425
  - 05-Jul: 1474
  - 06-Jul: 1066
  - 07-Jul: 1746
  - 08-Jul: 1251
  - 09-Jul: 1094

GREATER MANCHESTER FIRE AND RESCUE SERVICE
Limited suitable vehicles required crews to proceed on foot across large expanses of remote moorland:

- Poor visibility
- Limited communications
- Arduous working conditions
- Thankfully, few injuries...
Opportunities and challenges of multiple helicopters working via Air Support Cell

Used for firefighting and daily aerial reconnaissance.
Military Aid used to actively support firefighting and create fire breaks
Landowners, Gamekeepers and the Farming community provided additional access, resources, skills and knowledge.
Four High Volume Pumps delivered deep onto moorland: Over 2km of hose laid.

Air support plan considered following testing at Exercise Triton II.
90.8 million litres of water delivered over 200 hours
Communications
- Airwave
- Digital fireground radios
- Mobile phones
- Satellite phones
- Satellite land line and internet
Welfare arrangements
• Managing donations
• Coordination and delivery to scene
• Refrigeration
• Welfare facilities at scene
• Exposure
Additional fires tested all resources to maximum demand

- Maintaining critical business functions
- Restrictions on organisational activity
- All staff committed to operational activity and support
- Business as usual: MP12, MP8, MP6, water incidents, etc..
- Amended working hours
- Volunteers across Combined Authority
Thank you...