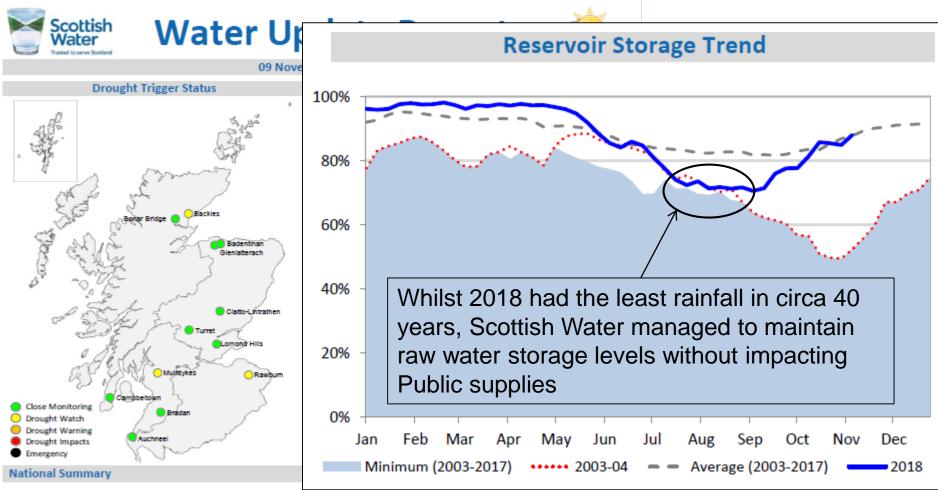


World Water Day - 2019 Mark Hunter, Strategic Development Manager

Scottish Water's Planning, Preparation and Response to the 2018 Drought



Water Resource Management - Planning



Total reservoir storage is currently 88% (up 3% from last week). The total number of WRZs in trigger this week remains at 12 (the same as last week), however Campbeltown and Clatto-Lintrathen have improved from Drought Watch to Close Monitoring.

Reported Drought Triggers		
Drought Impacts	None	Scottish
Drought Warning	None	Water
Drought Watch		
Back	es Backies remains just in Drought Watch this week with combined usable storage at 78% (up 2% from last week). The abstraction blend has been optimised to maximise Loch Horn refill.	Trusted to serve Scotland
Muirdy	Muirdykes remains just in Drought Watch this week with usable storage in Barcraigs reservoir at 67% (up 3% from last week). The	



Continuous Monitoring of Raw water sources and weather forecasts





Water Efficiency measures and educating Customers



Focus on reducing leakage losses in the network and increasing Resilience within the Water network



Working with industry to reduce future water demand



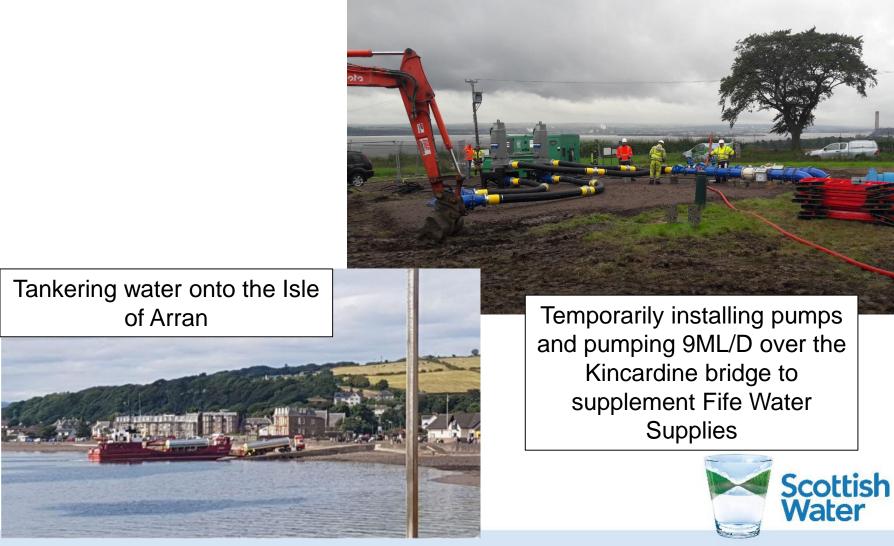


If you have any questions or problems get in touch with your local SEPA office. We're here to help.

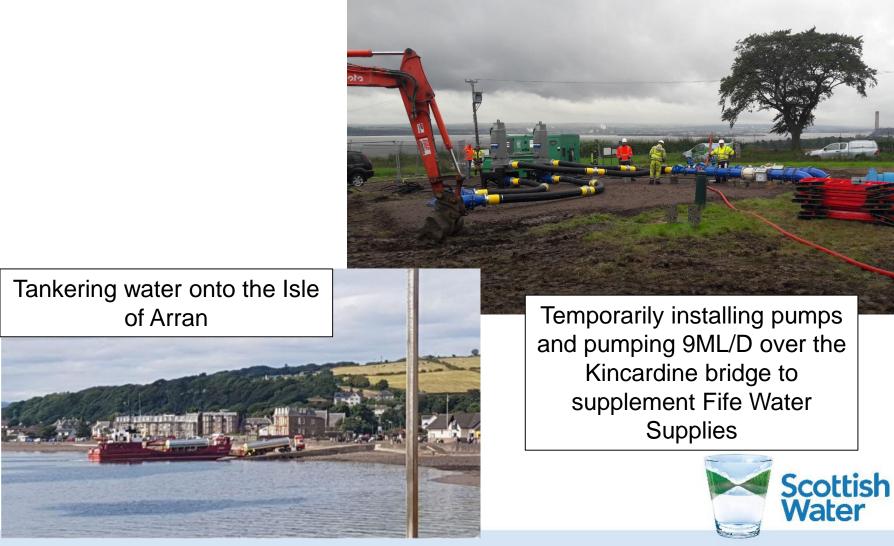




Water Resource Management - Response



Water Resource Management - Response



Private Water Supplies-Response

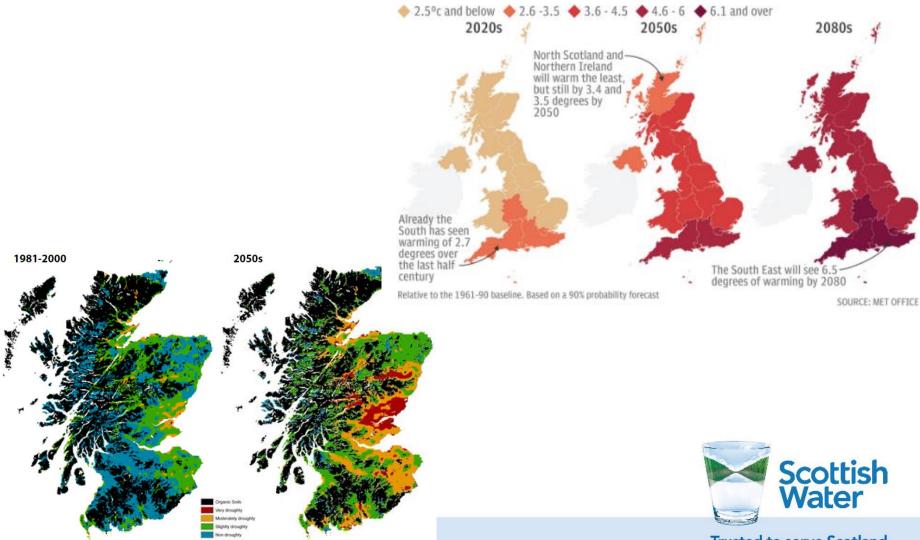
- Scottish Government directed Local Authorities and Scottish Water to support PWS owners
- Scottish Water Response:-
 - Investigating temporary connections
 - Bulk Bottled Water Deliveries to LA's (400 Pallets)
 - Portable Water tanks (Over 100 tanks)
 - Tankering water into PWS tanks
- Challenges with PWS:-
 - PWS are generally in remote locations that are hard/costly to service from the public system
 - Opportunity to continue to improve user behaviours Using Water Wisely/Water efficiency
 - Research and Innovation required to help resolve issues in the long term
 - Limited options to resolve issues without investing large amounts of money





Future challenges

Temperatures are set to rise across the country this century Change in mean summer temperature since 1990, based on a medium emissions scenario (°C)



Source: UK Climate Change Risk Assessment 2017

Population shifts

Scotland's population is projected to increase



National Records of Scotland

We support economic growth

Supply demand balance Population shifts

Scotland's population is projected to increase

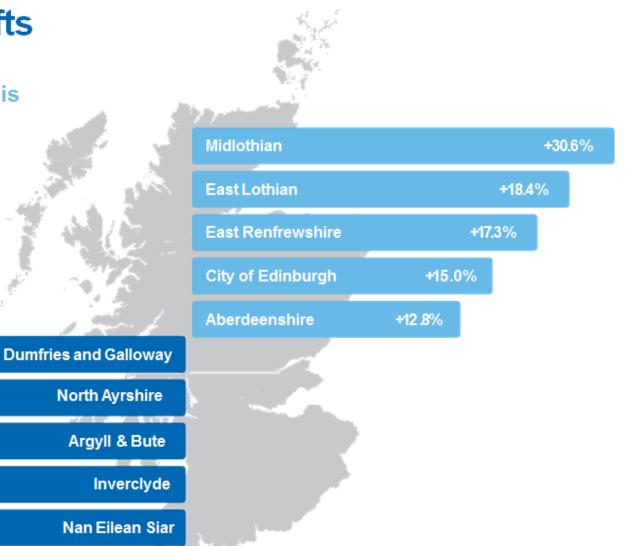
-5.2%

-7.0%

-9.9%

-10.9%

-14.0%



National Records of Scotland Population Projections for Scottish Areas (2016-based) https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/population/population-projections/subnational-population-projections/2016-based/list-of-tables Last updated: 28 March 2018

Key Points

- Climate change mitigation must be a priority for the sector
- Whilst 2018 was very challenging there was very little impact on SW Customers
- The challenge looks set to become more difficult
- The way this drought was managed is not a sustainable way to manage water resources
- What more can be done to support PWS owners?
- What more can be done to change consumer behaviours?



Use Water Wisely



Tip 1 Use a watering can instead of a hose in the garden.



Tip 3 Only use washing machines or dishwashers fully loaded.



Tip 2 Use a bucket and sponge to wash the car instead of a hose.



Tip 4 Turn off the tap when brushing your teeth and shaving.



Tip 5 Take a shorter shower instead of a bath.

