

**UNEP GEMS/Water Programme
Tunstall Reservoir**



Station Number (Country/Sequent)	027012
Water Type	Lake
Octant	0
Latitude (Deg. Min. Sec.)	54°45'43" N
Longitude (Deg. Min. Sec.)	1°53'56" E
Mean Surface Water Level (m)	219.5
Average Sounding Depth (m)	16.9
Date Station Opened	01-Jan-1979
Regional Centre	EURO
Sub-regional Centre	W-EURO
Geographical Region	EURO
Responsible Collection Agency	02712
Watershed/Basin	Data not available
Station Type (Baseline, Trend, Global Flux Station)	Baseline
GRDC Number	Data not available
Max Depth (m)	22.6
Area (km²)	0.3
Volume (km³)	0.0024
Retention (yrs)	0.4
Area of Water Shed (km²)	23.6
Country Name	United Kingdom
Station Identifier	Tunstall Reservoir
Station Narrative	Mid-point of dam - baseline
Additional Information	
Data Date Range	Jan 8, 1979 – Dec 2, 2005

<p>Applicable Parameters</p> <p>Full method description and codes can be found in the Analytical Methods for Environmental Water Quality at http://www.gemswater.org/quality_assurance/index-e.html</p>	<p>Physical Characteristics: 02040 – Electrical Conductivity 02041 – Electrical Conductivity 02061 – Temperature 02062 – Temperature 08001 – Percent DO Saturation 08101 – Dissolved Oxygen 08102 – Dissolved Oxygen 08401 – Permanganate Value 10102 – Alkalinity Total CaCO₃ 10301 – pH 10302 – pH 10401 – Suspended Solids 105°C</p> <p>Nutrients: 07105 – Nitrogen, Nitrate + Nitrite 07207 – Nitrite 07313 – Nitrate 07555 – Ammonia 07570 – Ammonia 14101 – Silica Reactive 15254 – Orthophosphate Sol Reactive 15405 – Phosphorus Total</p> <p>Organic Contaminants: 06532 – Phenols 18000 – P, P-DDT 18002 – DDT - Total 18020 – P, P-DDE 18070 – Lindane (Gamma-BHC) 18130 – Aldrin 18150 – Dieldrin 18165 – PCBS (Sediments) 18814 – BHC</p> <p>Organic Matter: 08203 – Biochemical Oxygen Demand 08301 – Chemical Oxygen Demand 08304 – Chemical Oxygen Demand</p>	<p>Major Ions: 06606 – Cyanide 09105 – Fluoride Dissolved 11102 – Sodium Dissolved 11105 – Sodium Dissolved 12102 – Magnesium Dissolved 16301 – Sulphate 16303 – Sulphate 17203 – Chloride 19102 – Potassium Dissolved 19105 – Potassium Dissolved 20103 – Calcium Dissolved</p> <p>Metals: 05102 – Boron Dissolved 24052 – Chromium Dissolved 25004 – Manganese Total 25104 – Manganese Dissolved 26004 – Iron Total 26104 – Iron Dissolved 28001 – Nickel Total 28101 – Nickel Dissolved 29006 – Copper Total 29106 – Copper Dissolved 30004 – Zinc Total 30104 – Zinc Dissolved 33003 – Arsenic Dissolved 33104 – Arsenic Dissolved 34002 – Selenium Total 34102 – Selenium Dissolved 48001 – Cadmium Total 48090 – Cadmium Total 80011 – Mercury Total 82001 – Lead Total 48101 – Cadmium Dissolved 80111 – Mercury Dissolved</p> <p>Microbiology: 06711 – Chlorophyll A 36001 – Coliform Total 36012 – Faecal Coliform Bacteria 36101 – Faecal Streptococci 36102 – Faecal Streptococci 36220 – Salmonella</p>
<p>Related Links</p>		
<p>Additional Photos</p>	<p>Flick. <i>Tunstall sunset.</i> http://www.flickr.com/photos/cathb/13450916/</p> <p>Car Gallery. <i>Tunstall Reservoir where i live.</i> http://gallery.themspors.com/view_album.php?set_albumName=album28</p> <p>Digital Photography Forum. <i>Reflectios around Tunstall Reservoir.</i> http://www.photozo.com/album/showgallery.php?cat=5645</p> <p>Tel's Trekking Scenes. <i>Wolsingham and Tunstall Reservoir, Weardale, County Durham.</i> http://www.shottonlad.plus.com/wolsingham.html</p>	

Digital Photography. 2002-2006. *Reflections around Tunstall Reservoir.*

<http://www.photozo.com/album/showphoto.php?photo=77216&cat=5645>