Column Heading	Full Name	Format	Description
Shape	Shape	Geometry	0
grad_mkm	grad_mkm	Double	Gradient is calculated where possible from the change in altitude between the DRN FROMNODE and TONODE and length of the DRN section. Units are given in meters per kilometer.
osmmdt	osmmdt	Date	Date of OS MasterMap Cross referenced feature association (Currency date of OS MasterMap feature that the DRN object was extracted from).
catchid	catchid	Double	Unique ID representing the Catchment that is named in the CATCHNAME attribute. Note: Will only be tagged as undetermined at initial release.A unique ID for each discrete flow to the (check sink definition). Ignores minor SWTs between catchments to allow catchment tracing routines to be carried out.
width_m	width_m	Double	Channel widths populated for longer DRN sections where River_Type is specified as Primary, Secondary or Tertiary River or Canal, and the Fluvial_Tidal field is flagged as Fluvial. River cross-sections (based on OS MasterMap polygons) were created at 50m sample intervals and then the width (in meters) averaged for each section. Not all DRN sections with have a channel width assigned.
mnrivst	mnrivst	String	Identifier of the statutory status (or stage within process in obtaining) of the FRMMAINRIV attribute
persist	persist	String	Hydrological persistence of the section of water. The information will be defined by local Environment Agency staff knowledge. Note: Will only be tagged as undetermined at initial release.
basename	basename	String	Unique ID representing the dataset production level units (approximate to larger river basins).
ea_wb_id	ea_wb_id	String	The Environment Agency Water Framework Directive waterbody unique identifier. Identifies the Waterbody “catchment” that the DRN section is within.
levels	levels	String	Inferred level of DRN feature. DRN object lines crossing at different levels do not have a junction node and the No Intersection rule is in exception.
rivtype	rivtype	String	Description of DRN and the primary display field - river types as referenced from the drn_RiverType domain.
flsource	flsource	String	In feature metadata - Identifier of the main source information of the DRN Flow Direction information
scale	scale	Single	An approximate View scale: An easy way of filtering out small rivers and leaving only the larger ones to give a view of the data sitable for use at different scales.
flutide	flutide	String	Defines the line section as fluvial or tidal
mean_alt	mean_alt	Double	The mean altitude per DRN stretch (in meters). Altitude at start node + alt at end node /2.
drn_id	drn_id	String	Managed unique identifier.

flowdir	flowdir	Single	Direction of flow as defined by the object digitised direction or modified by the domain value
reason	reason	String	Text: Reason for object referenced by the DRN_ID being updated. Choice of: [New Object, Modified Geometry, Modified Attribution, Modified Geometry & Attribution, Object Modified (due to split), Other]
tonode	tonode	String	Unique identifier of the “Downstream” Node (DRN_ID of the DRNnodes) for the section
rivname	rivname	String	River Name as from Ordnance Survey base-mapping (OS MasterMap) linked through to the whole river section when appropriate. When not available on base map Environment Agency staff knowledge used to derive name. Initial stage of data extraction is based upon OS MasterMap cartographic text within 100m of DRN lines
fromnode	fromnode	String	Unique identifier of the “Upstream” Node (DRN_ID of the DRNnodes) for the section
primflow	primflow	String	Identifies single routes from all sources to outflow points (the sea).
wcrs_ref	wcrs_ref	String	Watercourse reference number - corresponding to Environment Agency Flood Risk Management (FRM) coding.
wfd_cat	wfd_cat	String	Environment Agency Water Framework Directive water category
length	length	Double	Auto-generated object length in metres.
version	version	Double	Version number of the DRN object as defined by the DRN_ID integer value that increases by +1 when the object referenced by the DRN_ID is updated.
area_m2	area_m2	Double	Area
vrn_end	vrn_end	Date	Version end date - date that current version to be updated if known (default = null)
mainriv	mainriv	String	Identifier of the statutory status (or stage within process in obtaining) of the FRMMAINRIV attribute
wlshname	wlshname	String	Welsh River Name as from Ordnance Survey base-mapping (OS MasterMap) linked through to the whole river section when appropriate. When not available on base map Environment Agency staff knowledge used to derive name. Initial stage of data extraction is Based upon OS MasterMap cartographic text within 100m of DRN lines.
desig	desig	String	Environment Agency Water Framework Directive hydromorphological designation of the waterbody
gmsource	gmsource	String	In feature metadata - Identifier of the main source information of the DRN geometry.
altname	altname	String	Alternative River Name if know from local knowledge (Environment Agency staff) linked through to the whole river section when appropriate.
nav	nav	String	The Navigation status of the section of water. The information will be defined by local Environment Agency staff knowledge. Note: Will only be tagged as undetermined at initial release.
vrn_st_d	vrn_st_d	Date	Version date - date that current version was created
eawb_tag	eawb_tag	String	The Environment Agency Water Framework Directive waterbody display network identifier. Note: Will only be tagged as undetermined at initial release.
geological_match	geological_match	SmallInteger	flag for geological match

geological_certainty	geological_certainty	String	confidence in geological match (low, medium, high)
bap_match	bap_match	SmallInteger	flag for existing BAP chalk river match
wwf_match	wwf_match	SmallInteger	flag for existing WWF report river name match
wwf_certainty	wwf_certainty	String	confidence in report river name match (low, high)
wwf_name	wwf_name	String	River name, as it appears in WWF report
other_name	other_name	String	Other name from stakeholders
NE_notes	NE_notes	String	notes from the QA process
new_category	new_category	String	high low certainty of BAP chalk river
Shape_Length	Shape_Length	Double	length in metres