



# River Environment Classification Waikato (2010) (DEPRECATED)

## Metadata

### Identification Information

#### Citation

##### Citation Information

###### Originator

Ministry for the Environment, New Zealand

###### Originator

NIWA

###### Publication Date

2004

###### Title

REC\_Waikato

###### Geospatial Data Presentation Form

vector digital data

###### Online Linkage

<http://Koordionates.com>

### Description

#### Abstract

The River Environment Classification (REC) is a system that classifies New Zealand's rivers according to their physical properties at a range of spatial scales. The development of REC has been supported by The Ministry for the Environment (MfE) and various regional councils to provide a spatial framework for environmental monitoring and reporting and river management. Stream order is the numerical position of a tributary or section of a river within the entire network. Headwater streams are assigned a stream order of 1. When two tributaries of the same stream order meet, the order increments by one for the next section downstream. However, if two sections meet where one section has higher order than the other, the next section downstream has the same order as the highest upstream section.

#### Supplemental Information

The River Environment Classification User Guide contains a comprehensive guide to the REC databases and uses. Updated in May 2010. ISBN 0-478-18919-2 ME Number 499

### Time Period of Content

#### Time Period Information

##### Single Date/Time

###### Calendar Date

2004

## Currentness Reference

publication date

## Status

### Progress

Complete

### Maintenance and Update Frequency

None planned

## Spatial Domain

### Bounding Coordinates

#### West Bounding Coordinate

174.557175

#### East Bounding Coordinate

176.555793

#### North Bounding Coordinate

-36.447796

#### South Bounding Coordinate

-39.323409

## Keywords

### Theme

#### Theme Keyword

River

#### Theme Keyword

environment

#### Theme Keyword

classification

### Place

#### Place Keyword

New Zealand

## Use Constraints

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## Point of Contact

### Contact Information

#### Contact Organization Primary

##### Contact Organization

Ministry for the Environment

#### Contact Address

##### Address Type

physical address

##### Address

23 Kate Sheppard Place

##### City

Wellington

##### Country

New Zealand

Contact Electronic Mail Address

info@mfe.govt.nz

Data Set Credit

Crown Copyright 2004

Native Data Set Environment

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.0.1770

Data Quality Information

Lineage

Process Step

Process Description

Metadata imported.

Source Produced Citation Abbreviation

D:\Data Releases\REC\Regional Classifications\REC\_Auckland.shp.xml

Process Date

20100319

Process Time

16323000

Spatial Data Organization Information

Direct Spatial Reference Method

Vector

Point and Vector Object Information

SDTS Terms Description

SDTS Point and Vector Object Type

String

Point and Vector Object Count

50723

Spatial Reference Information

Horizontal Coordinate System Definition

Planar

Map Projection

Map Projection Parameters

Standard Parallel

0.000000

Longitude of Central Meridian

173.000000

Latitude of Projection Origin

-41.000000

False Easting

2510000.000000

False Northing

6023150.000000

Planar Coordinate Information

Planar Coordinate Encoding Method

coordinate pair  
Coordinate Representation  
Abscissa Resolution  
0.000000  
Ordinate Resolution  
0.000000

Planar Distance Units  
meters

#### Geodetic Model

Horizontal Datum Name  
D\_New\_Zealand\_1949  
Ellipsoid Name  
International\_1924  
Semi-major Axis  
6378388.000000  
Denominator of Flattening Ratio  
297.000000

#### Entity and Attribute Information

##### Detailed Description

Entity Type  
Entity Type Label  
REC\_Waikato

##### Attribute

Attribute Label  
FID  
Attribute Definition  
Internal feature number.  
Attribute Definition Source  
ESRI  
Attribute Domain Values  
Unrepresentable Domain  
Sequential unique whole numbers that are automatically generated.

##### Attribute

Attribute Label  
Shape  
Attribute Definition  
Feature geometry.  
Attribute Definition Source  
ESRI  
Attribute Domain Values  
Unrepresentable Domain  
Coordinates defining the features.

##### Attribute

Attribute Label

OBJECTID

Attribute

Attribute Label

FNODE\_

Attribute

Attribute Label

TNODE\_

Attribute

Attribute Label

LENGTH

Attribute

Attribute Label

REACH\_ID

Attribute

Attribute Label

FNODE

Attribute

Attribute Label

TNODE

Attribute

Attribute Label

ORDER\_

Attribute

Attribute Label

NZREACH

Attribute

Attribute Label

CLIMATE

Attribute

Attribute Label

SRC\_OF\_FLW

Attribute

Attribute Label

GEOLOGY

Attribute

Attribute Label

LANDCOVER

Attribute

Attribute Label  
NET\_POSN

Attribute

Attribute Label  
VLY\_LNDFRM

Attribute

Attribute Label  
CSOF

Attribute

Attribute Label  
CSOFG

Attribute

Attribute Label  
CSOFGL

Attribute

Attribute Label  
CSOFGLNP

Attribute

Attribute Label  
CSOFGLNPVL

Attribute

Attribute Label  
SPRING

Attribute

Attribute Label  
NZFNODE

Attribute

Attribute Label  
NZTNODE

Attribute

Attribute Label  
DISTSEA

Attribute

Attribute Label  
CATCHAREA

Distribution Information

Distributor

Contact Information

Contact Organization Primary

**Contact Organization**

Koordinates.com

**Contact Instructions**

<http://koordinates.com>

**Resource Description**

Downloadable Data

**Standard Order Process**

**Digital Form**

**Digital Transfer Information**

**Transfer Size**

22.234

**Digital Transfer Option**

**Online Option**

**Computer Contact Information**

**Network Address**

**Network Resource Name**

<http://koordinates.com>

**Metadata Reference Information**

**Metadata Date**

20100527

**Metadata Standard Name**

FGDC Content Standards for Digital Geospatial Metadata

**Metadata Standard Version**

FGDC-STD-001-1998

**Metadata Time Convention**

local time

**Metadata Extensions**

**Online Linkage**

<http://www.esri.com/metadata/esriprof80.html>

**Profile Name**

ESRI Metadata Profile