

Figure. 1. A map showing land cover data for the River Lowther catchment

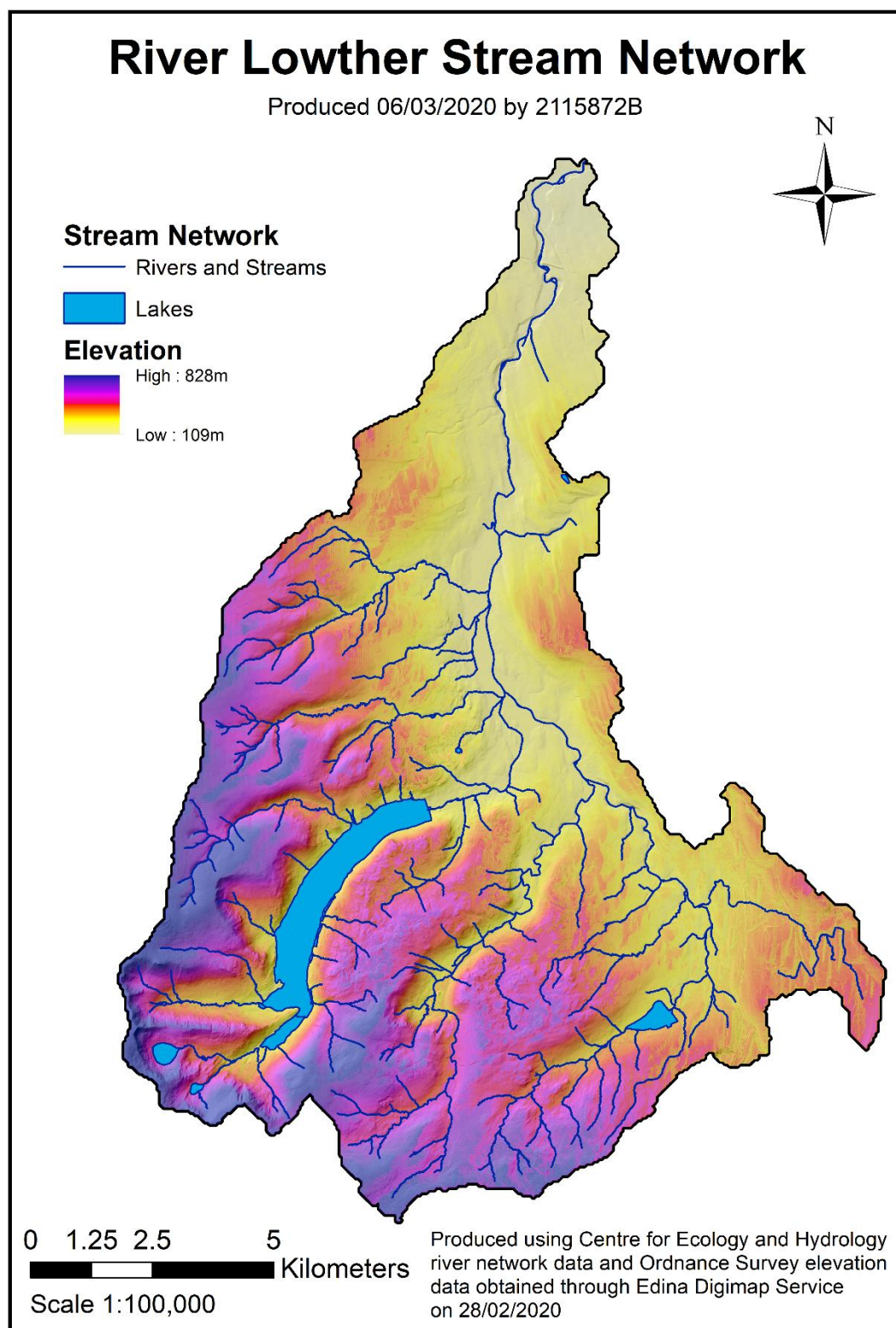


Figure. 2. A map showing the topography and stream network within the River Lowther catchment

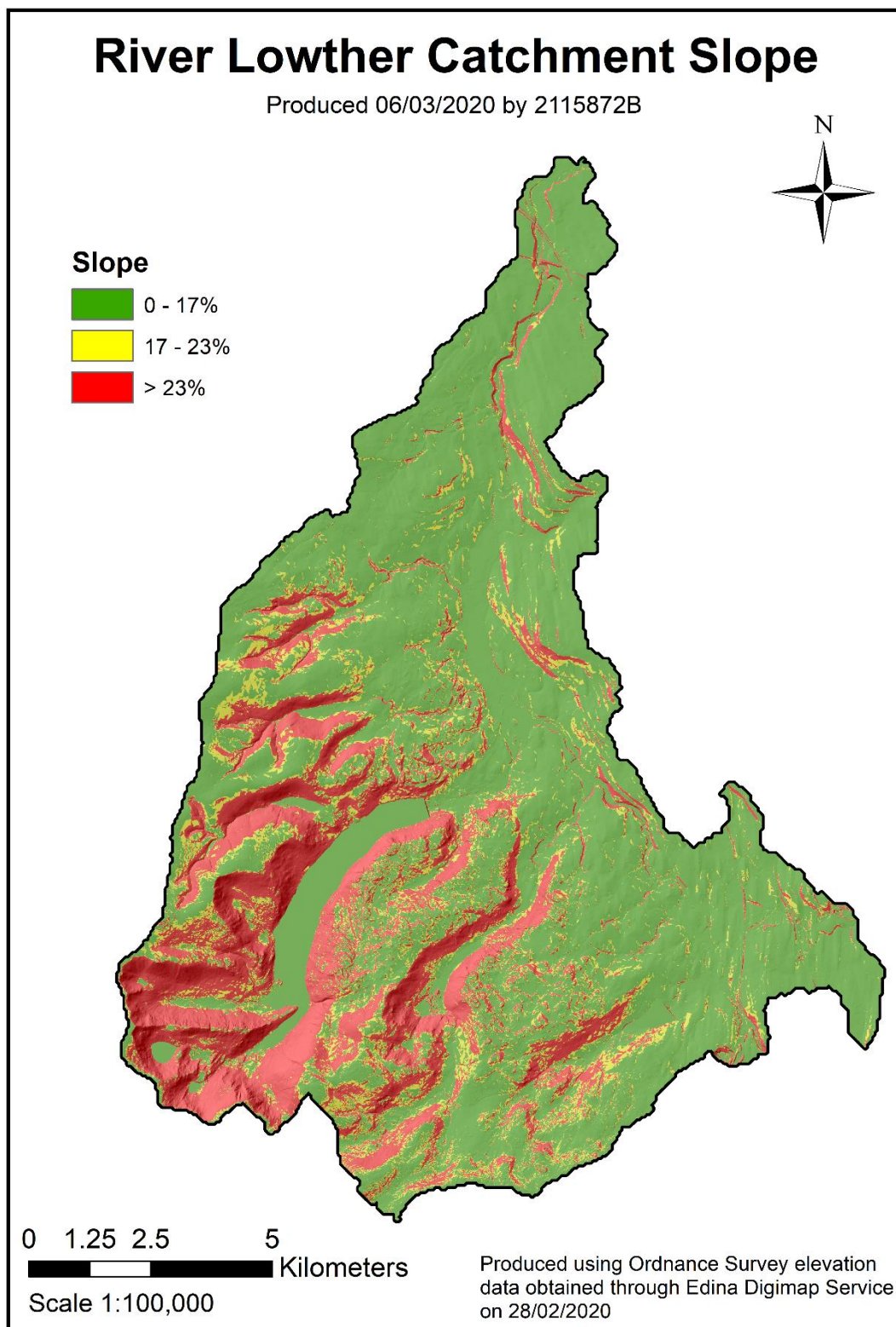


Figure. 3. A map showing the spatial distribution of slope angles within the River Lowther catchment

Summary Tables

Land cover type	Area (km ²)	Percentage of catchment
Broadleaved woodland	6.16	3.90
Coniferous woodland	2.17	1.38
Arable and horticultural	2.04	1.29
Improved grassland	41.13	26.02
Acid grassland	88.25	55.82
Heather	3.62	2.29
Heather grassland	5.74	3.63
Bog	2.09	1.32
Inland rock	0.95	0.60
Freshwater	4.54	2.87
Urban	0.02	0.01
Suburban	1.38	0.87
Total area	158.10	100.00

Table. 1. A table summarising the area and percentage of total catchment size for each land cover class within the River Lowther catchment

Length of river network (km)
233.95

Table. 2. A table summarising the total length of the river network within the River Lowther catchment

Slope	Area (km ²)	Percentage of catchment
0 - 17%	97.83	64.01
17 - 23%	16.24	10.62
> 23%	38.78	25.37
Any class	152.84	100.00

Table. 3. A table summarising the area and percentage of total catchment for different terrain slope values within the River Lowther catchment