



# Desk Based Study on Recreational Disturbance to Birds on the Humber Estuary

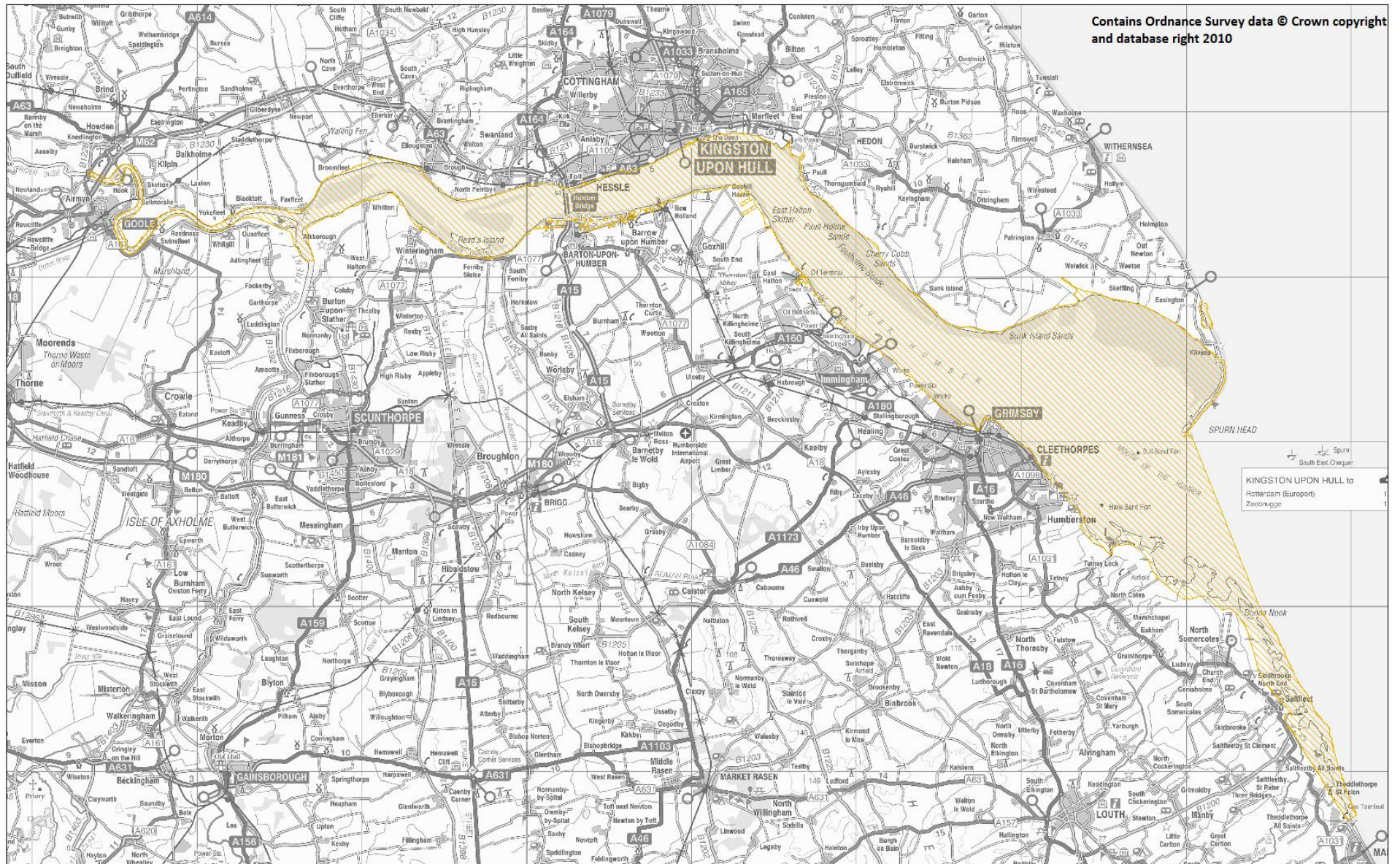


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A caveat to be noted is that the scores for individual activities (Maps 37-46, 49, 50, 53, 54) are an average of the respondents scores and the resulting mean will not reflect the range of opinions (or level of knowledge) on the extent of activities in a particular WeBS sector. The number of people who commented on each activity is variable and therefore the ranges displayed on the maps represent the lower, middle and upper third of the ranges to show low, medium and high levels of activity and occurrence of disturbance.

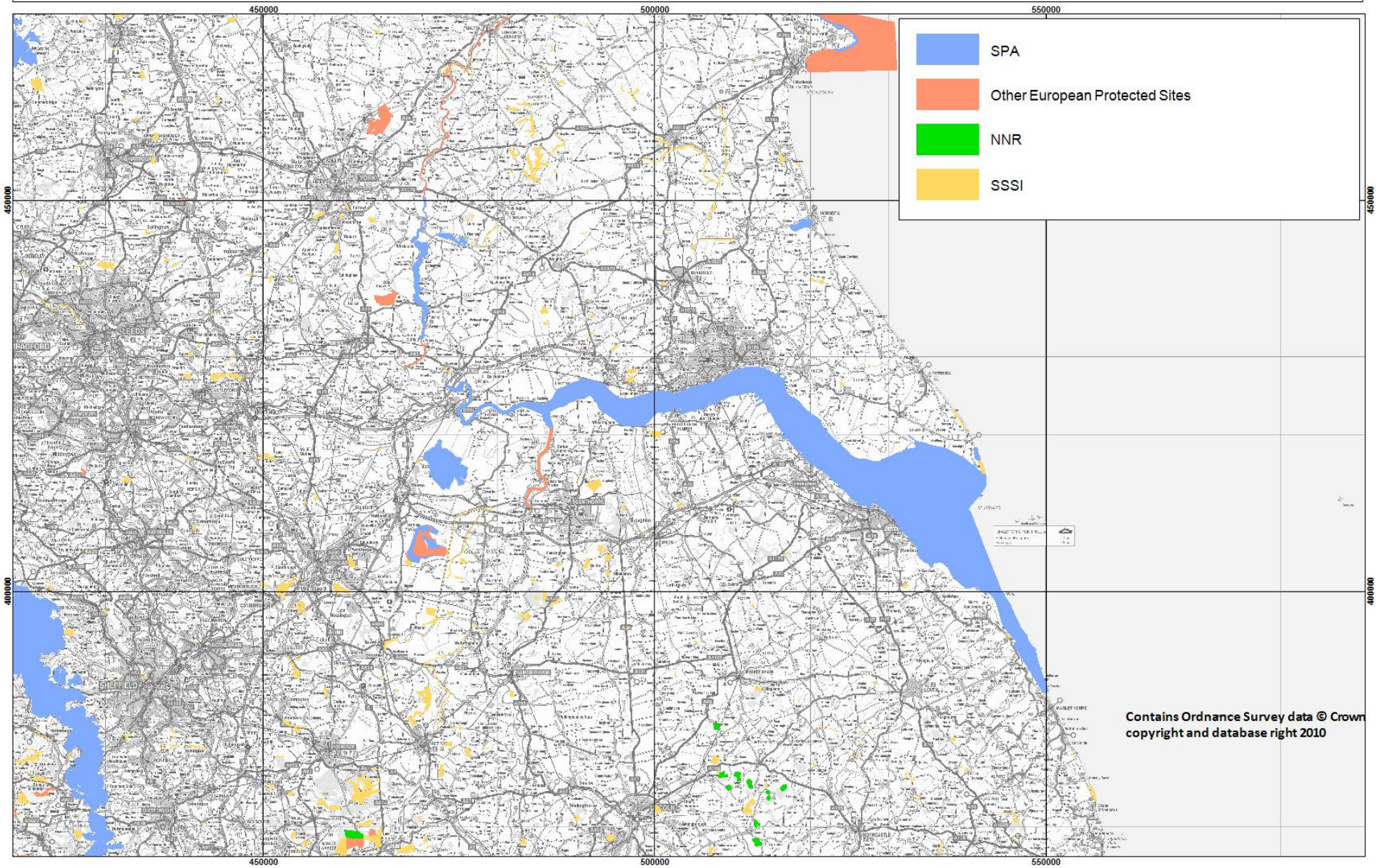


# Map 1: Overview of area and SPA boundary



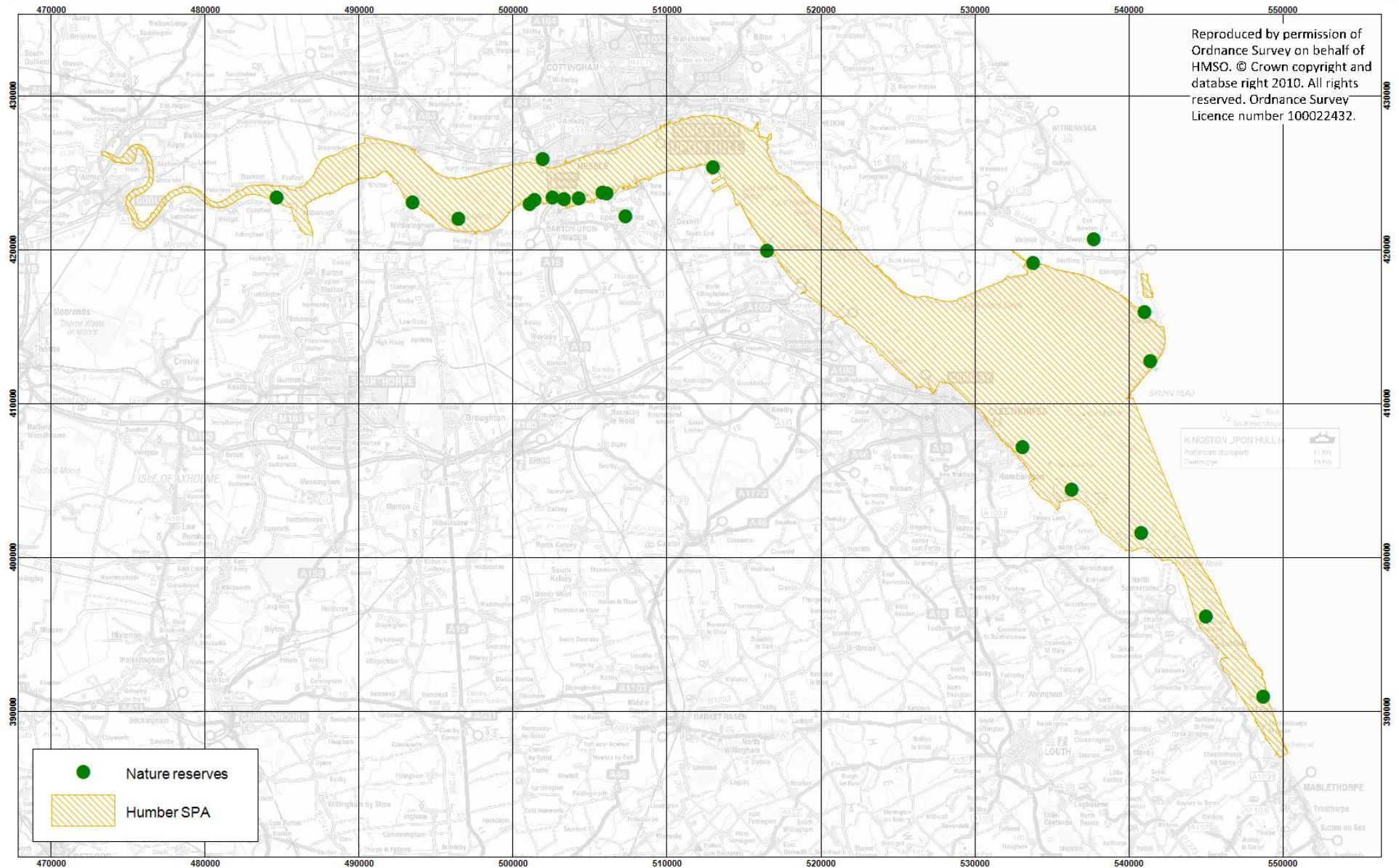


## Map 2: Other designations





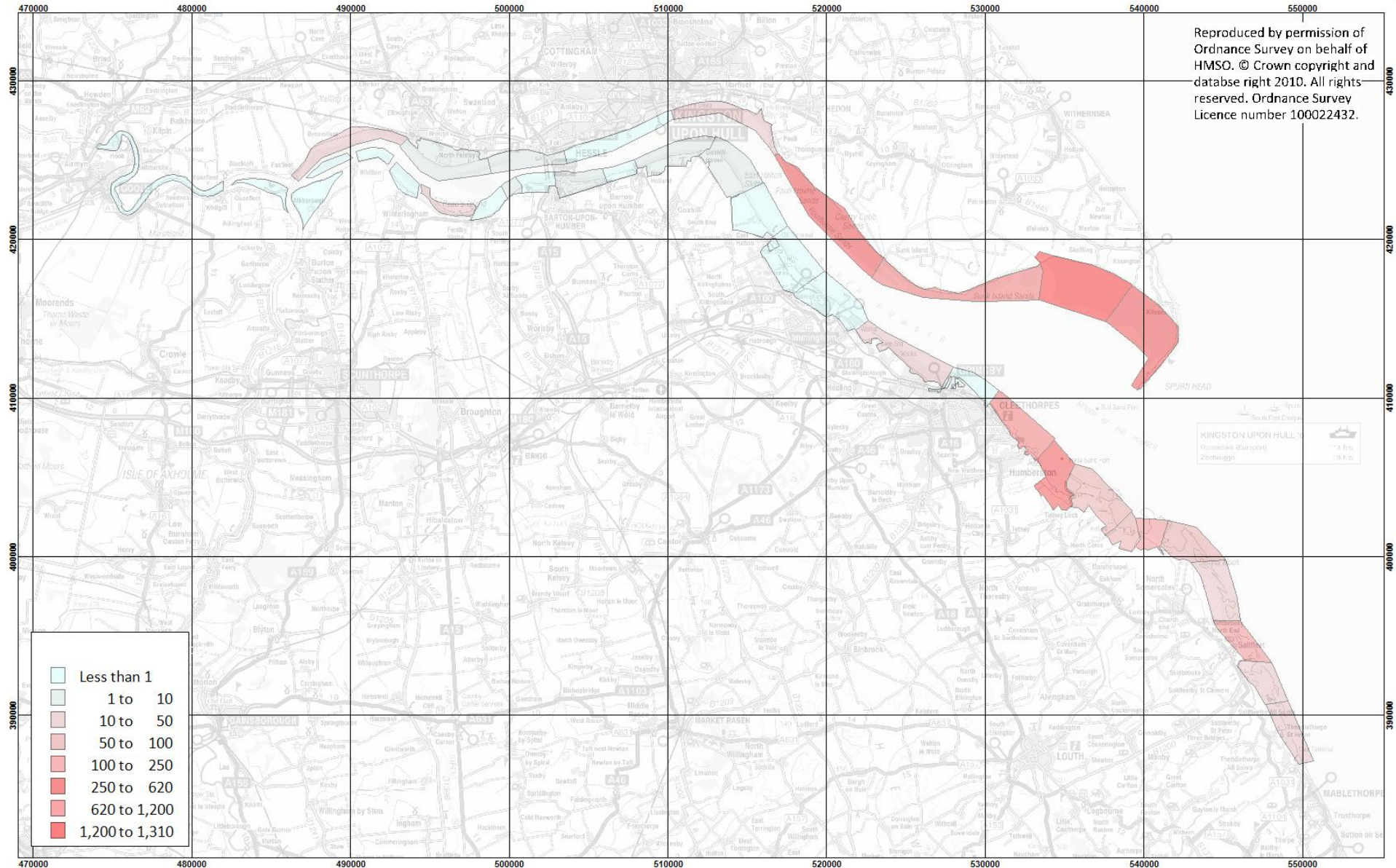
# Map 3: Nature reserves





# Map 5: WeBS mean peak count: Bar-tailed Godwit

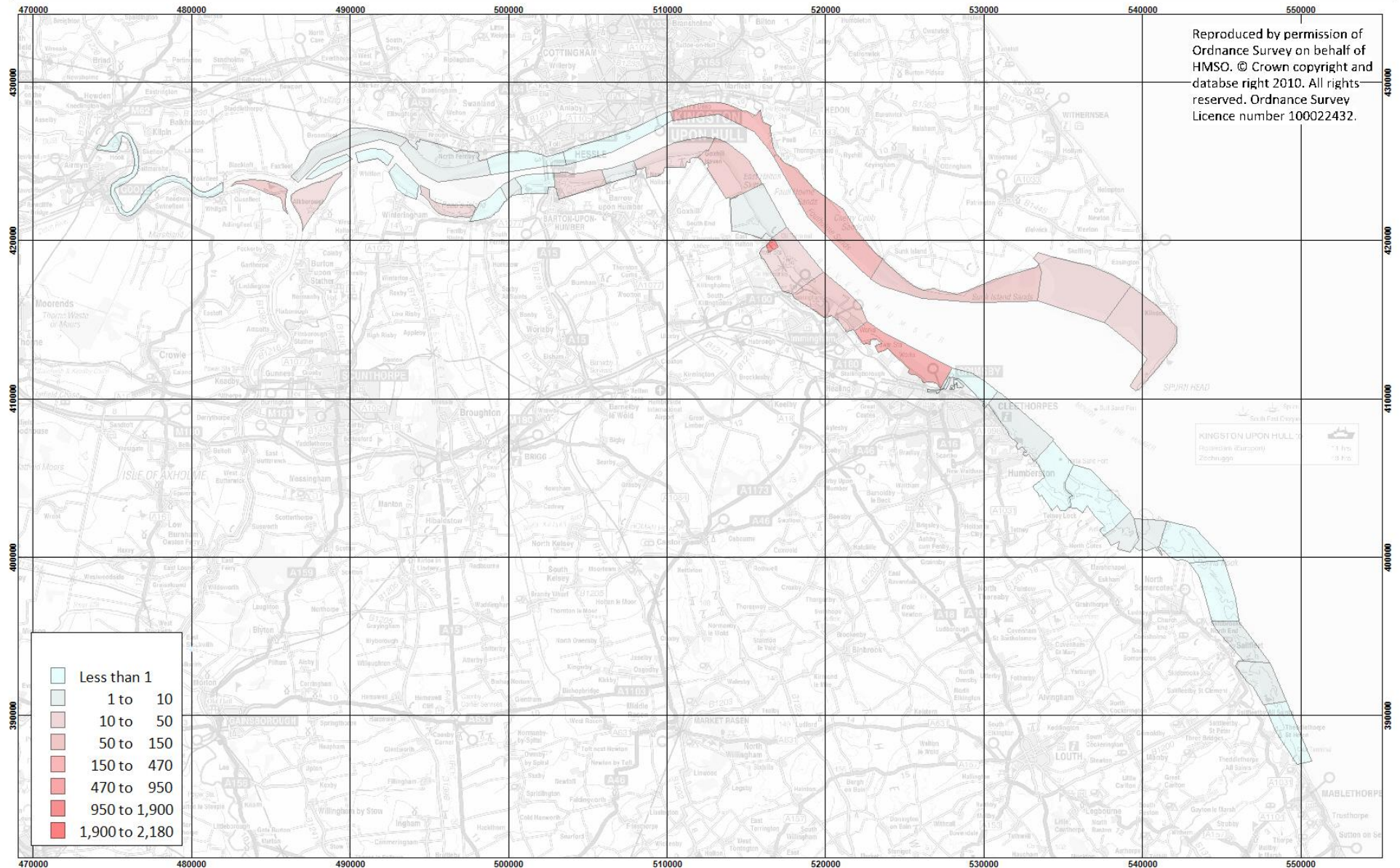
International threshold: 1,200  
Great Britain threshold: 620





# Map 6: WeBS mean peak count: Black-tailed Godwit

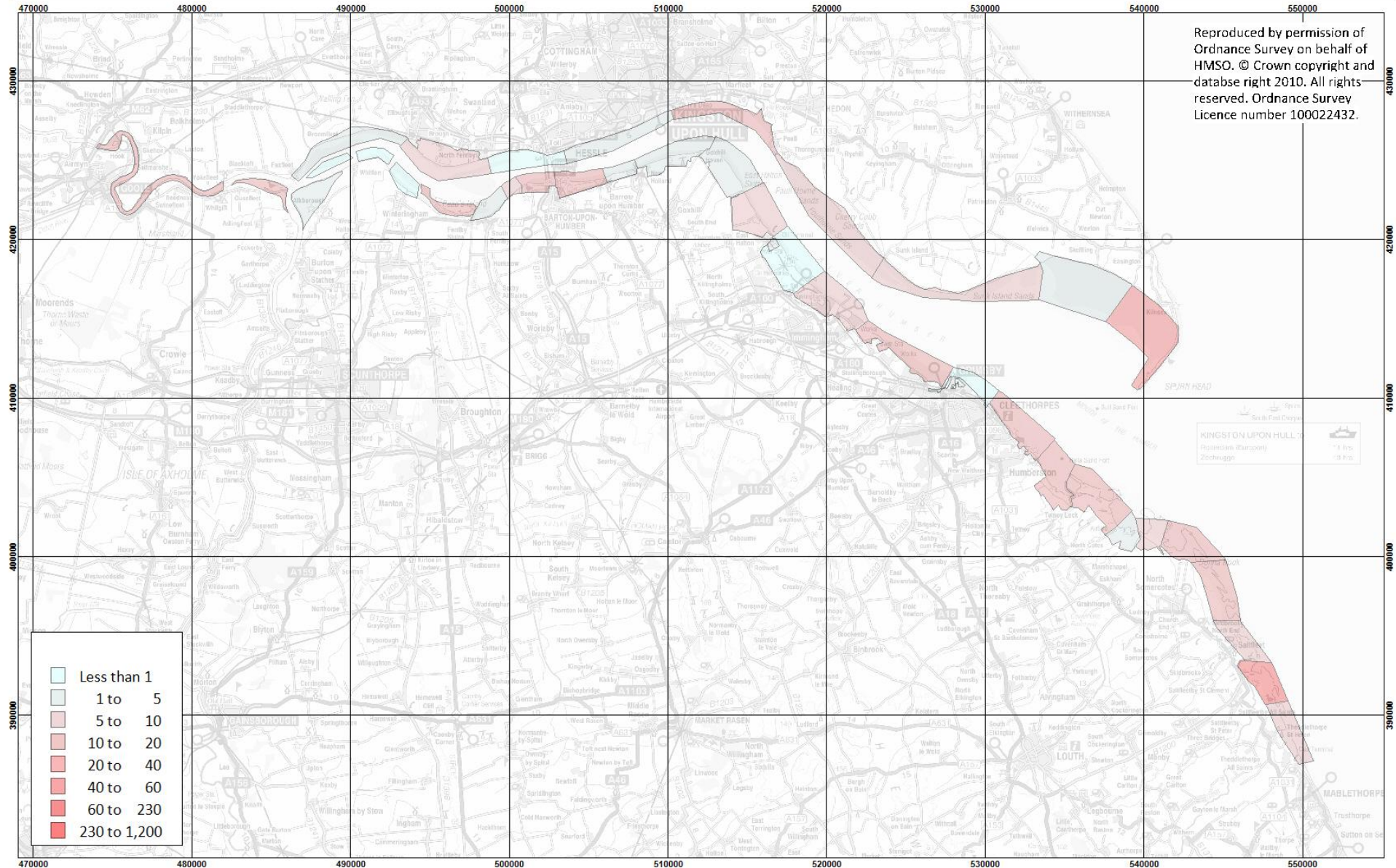
International threshold: 470  
Great Britain threshold: 150





# Map 7 : WeBS mean peak count: Cormorant

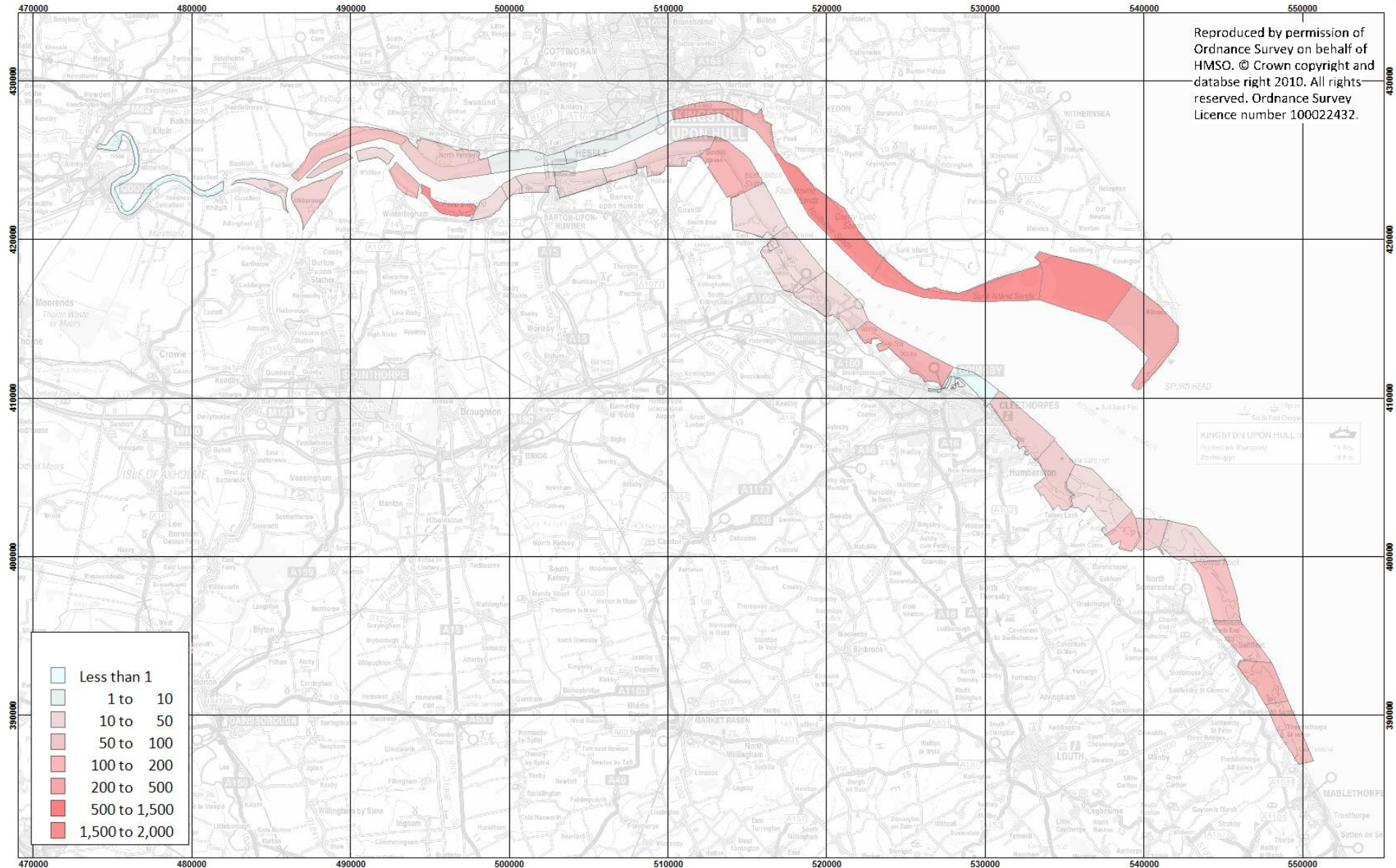
International threshold: 1,200  
Great Britain threshold: 230





# Map 8: WeBS mean peak count: Curlew

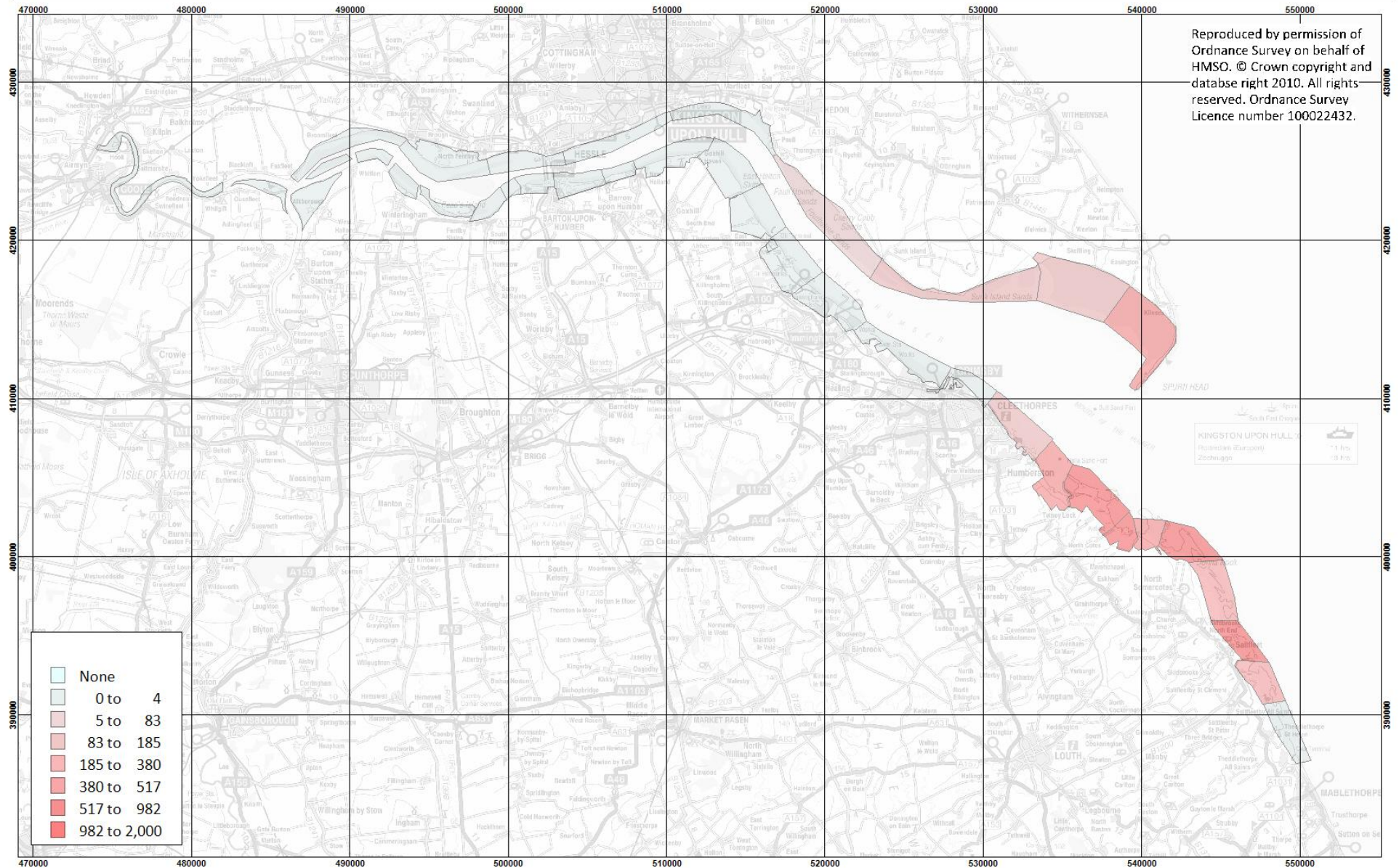
International threshold: 8,500  
Great Britain threshold: 1,500





# Map 9: WeBS mean peak count: Dark-bellied Goose

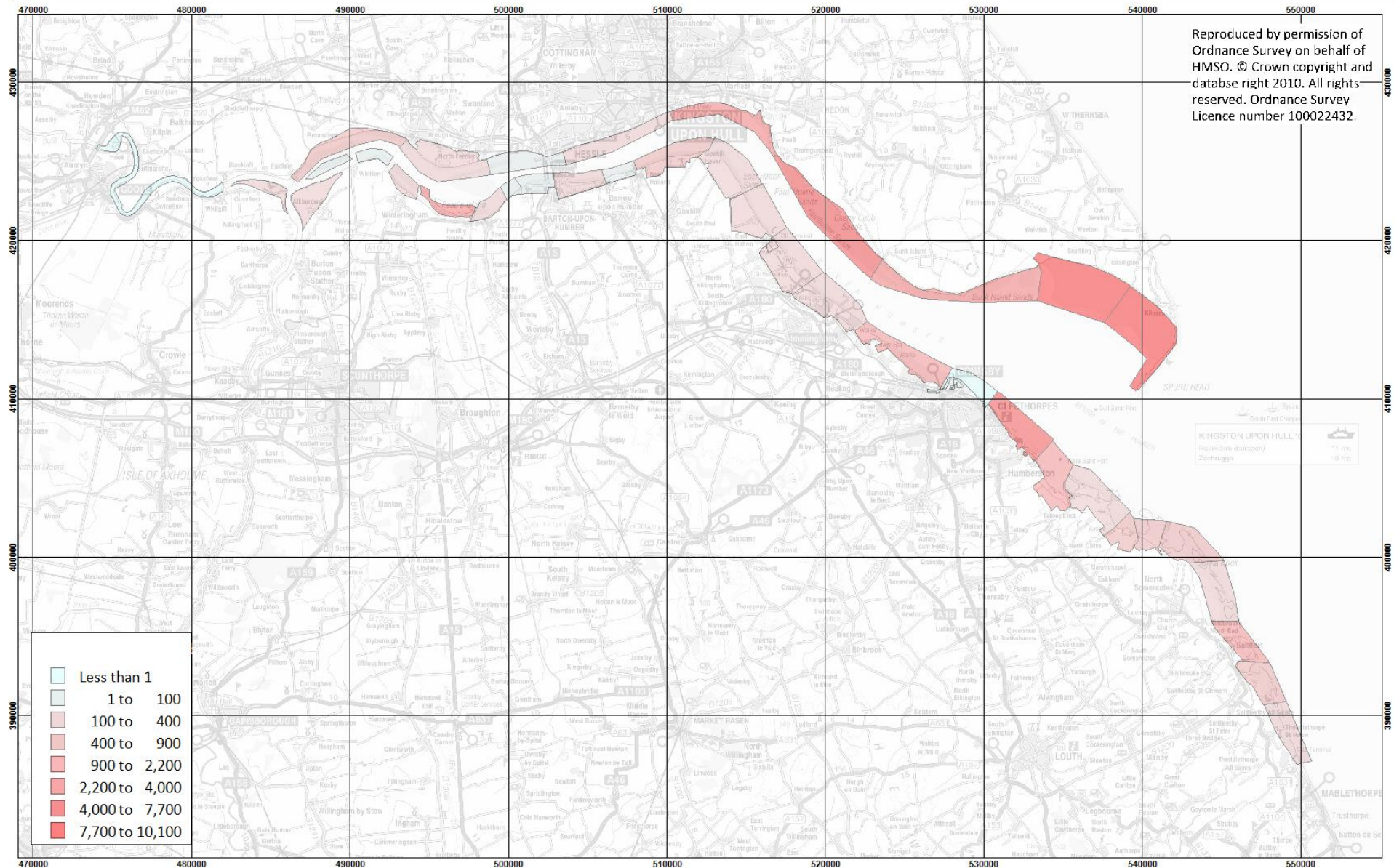
International threshold: 2000  
Great Britain threshold: 981





# Map 10 : WeBS mean peak count: Dunlin

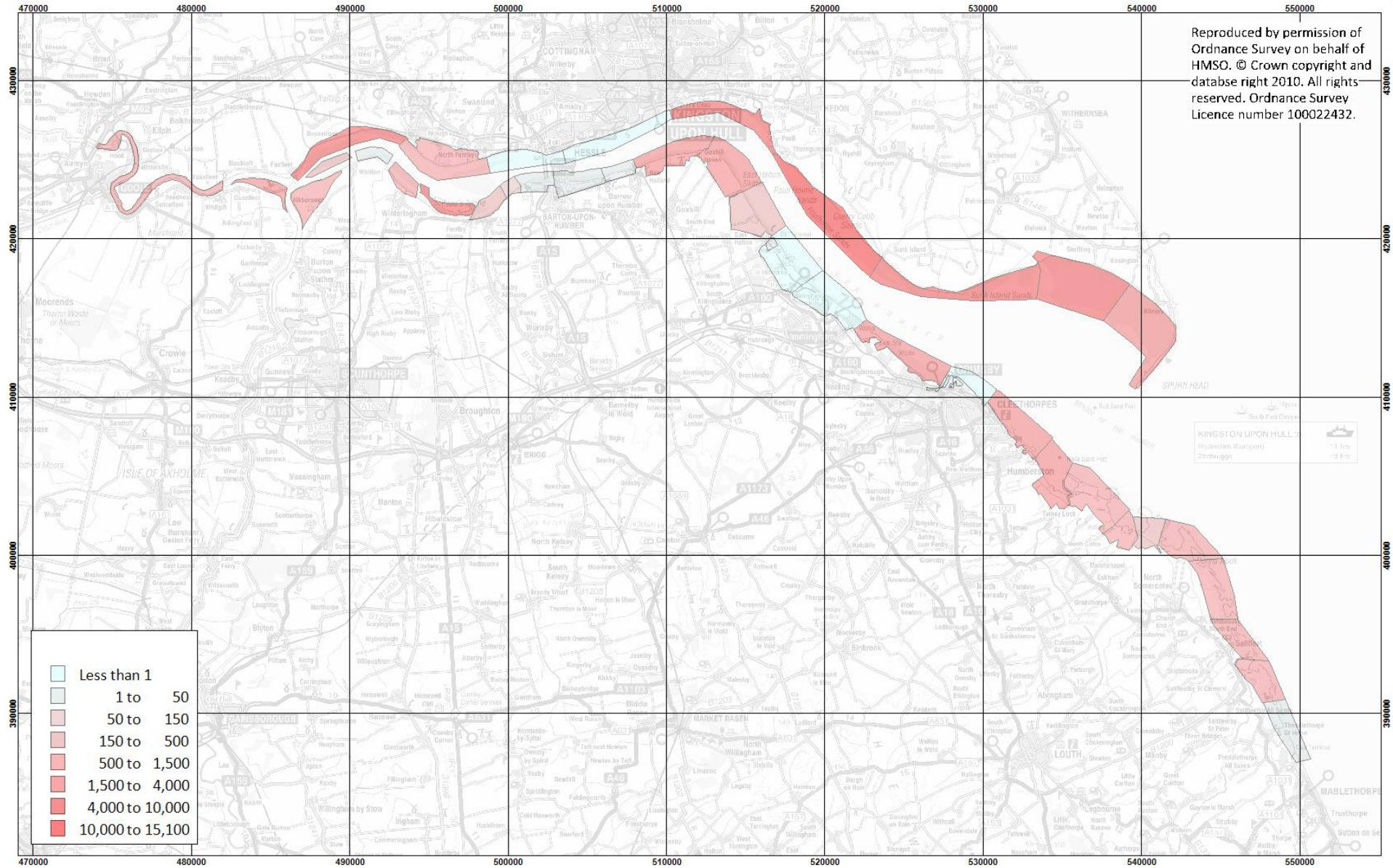
International threshold: 13,300  
Great Britain threshold: 5,600





# Map 11: WeBS mean peak count: Golden Plover

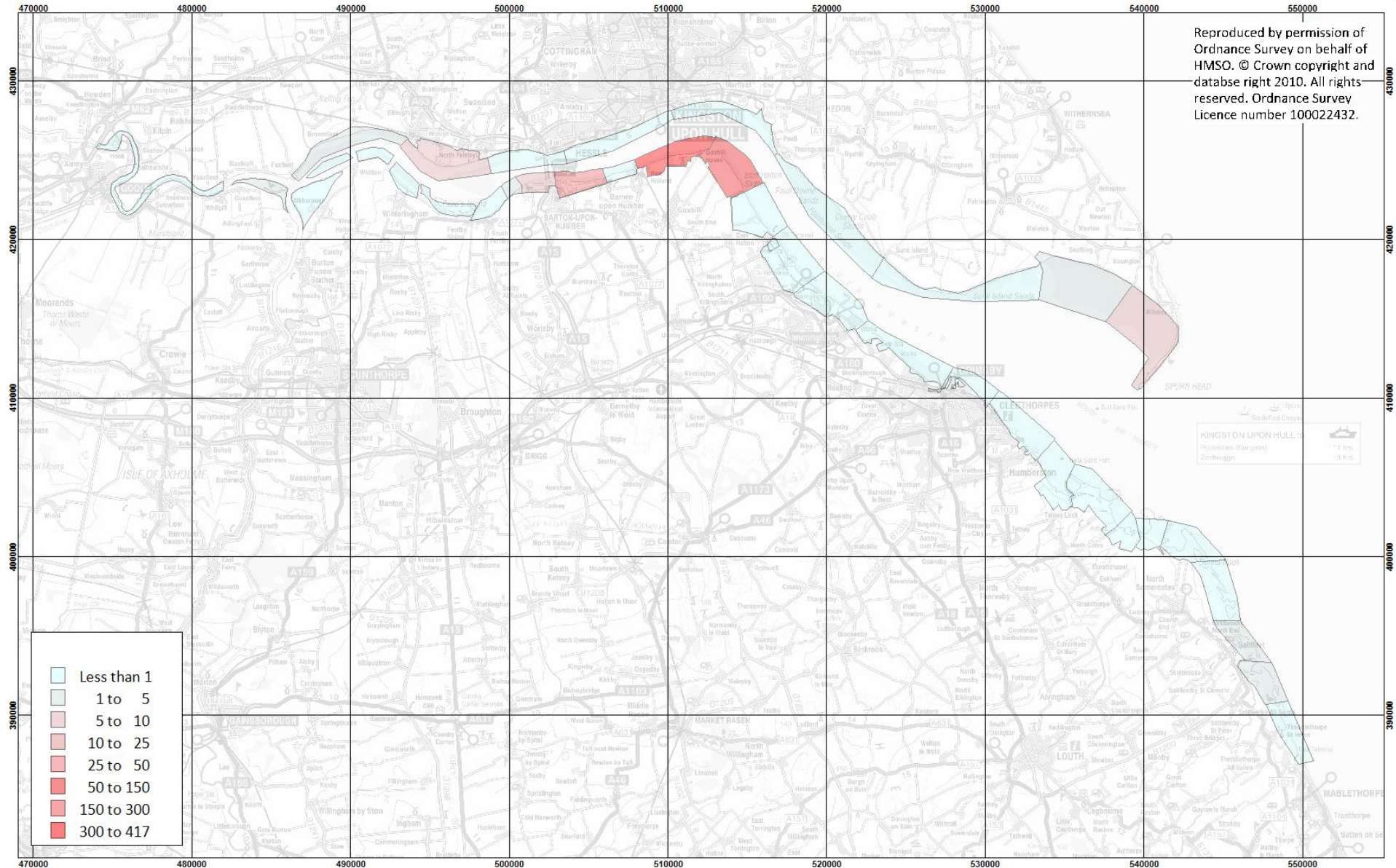
International threshold: 9,300  
Great Britain threshold: 4,000





# Map 12: WeBS mean peak count: Goldeneye

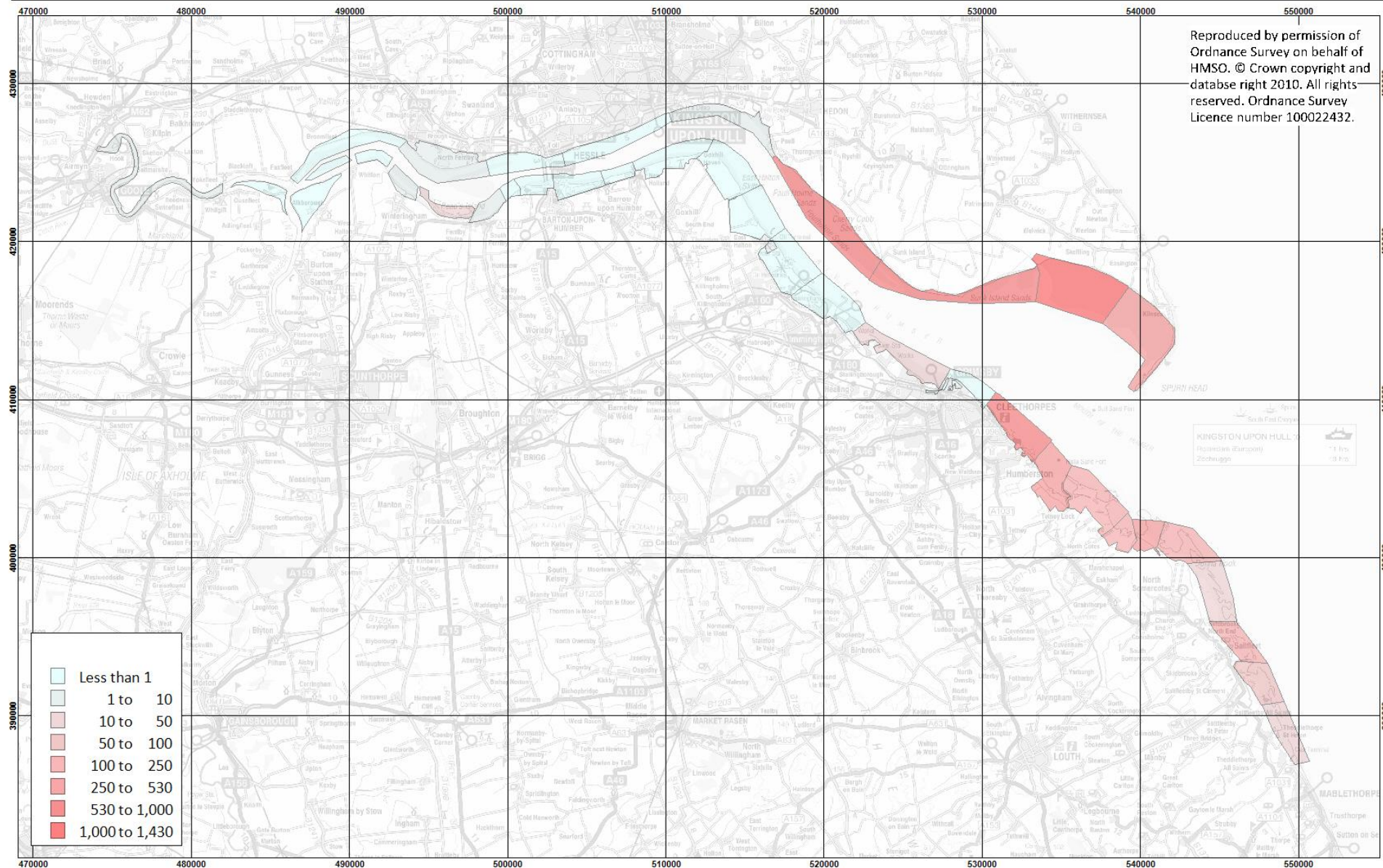
International threshold: 11,500  
Great Britain threshold: 249





# Map 13: WeBS mean peak count: Grey Plover

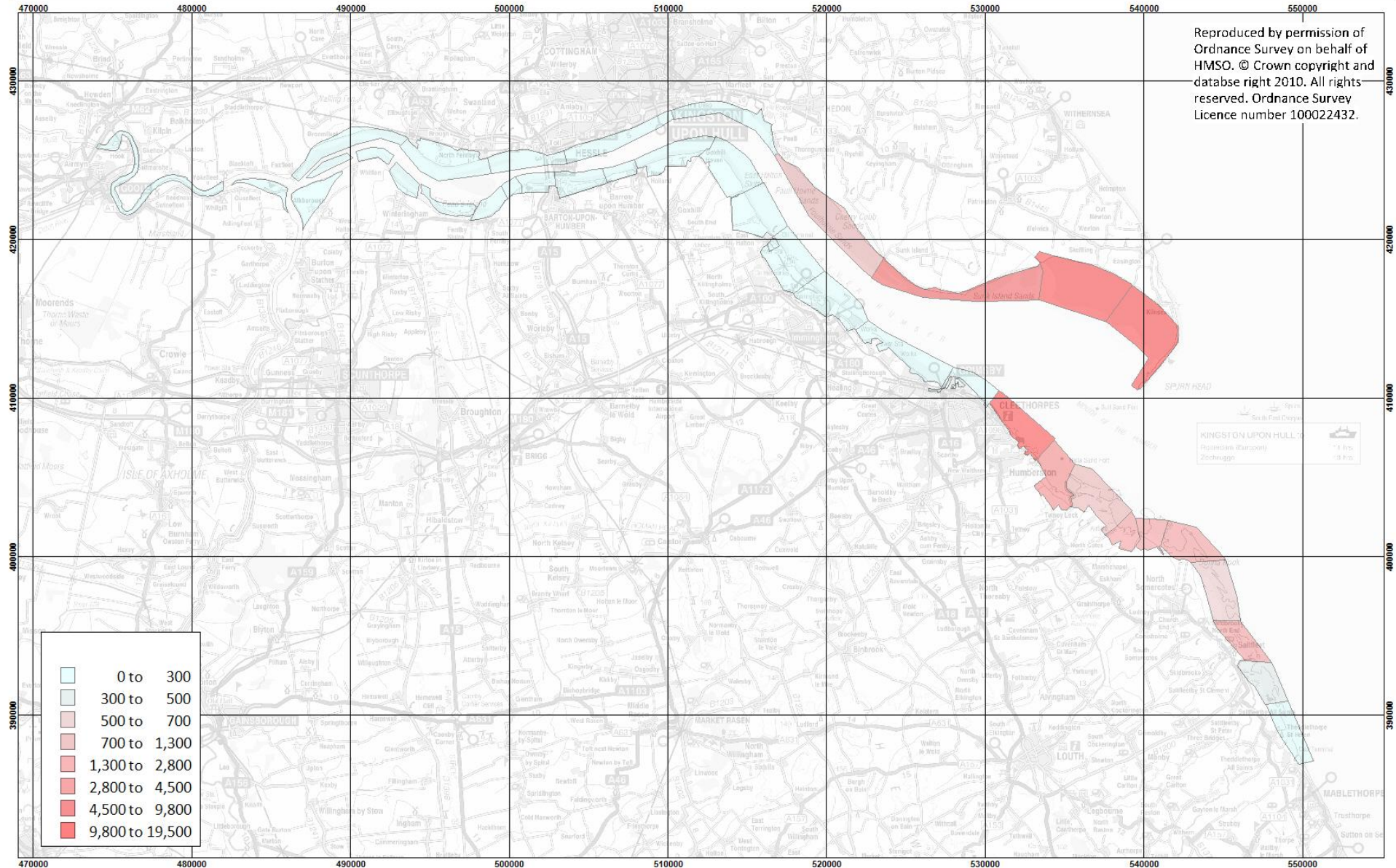
International threshold: 2,500  
Great Britain threshold: 530





# Map 14: WeBS mean peak count: Knot

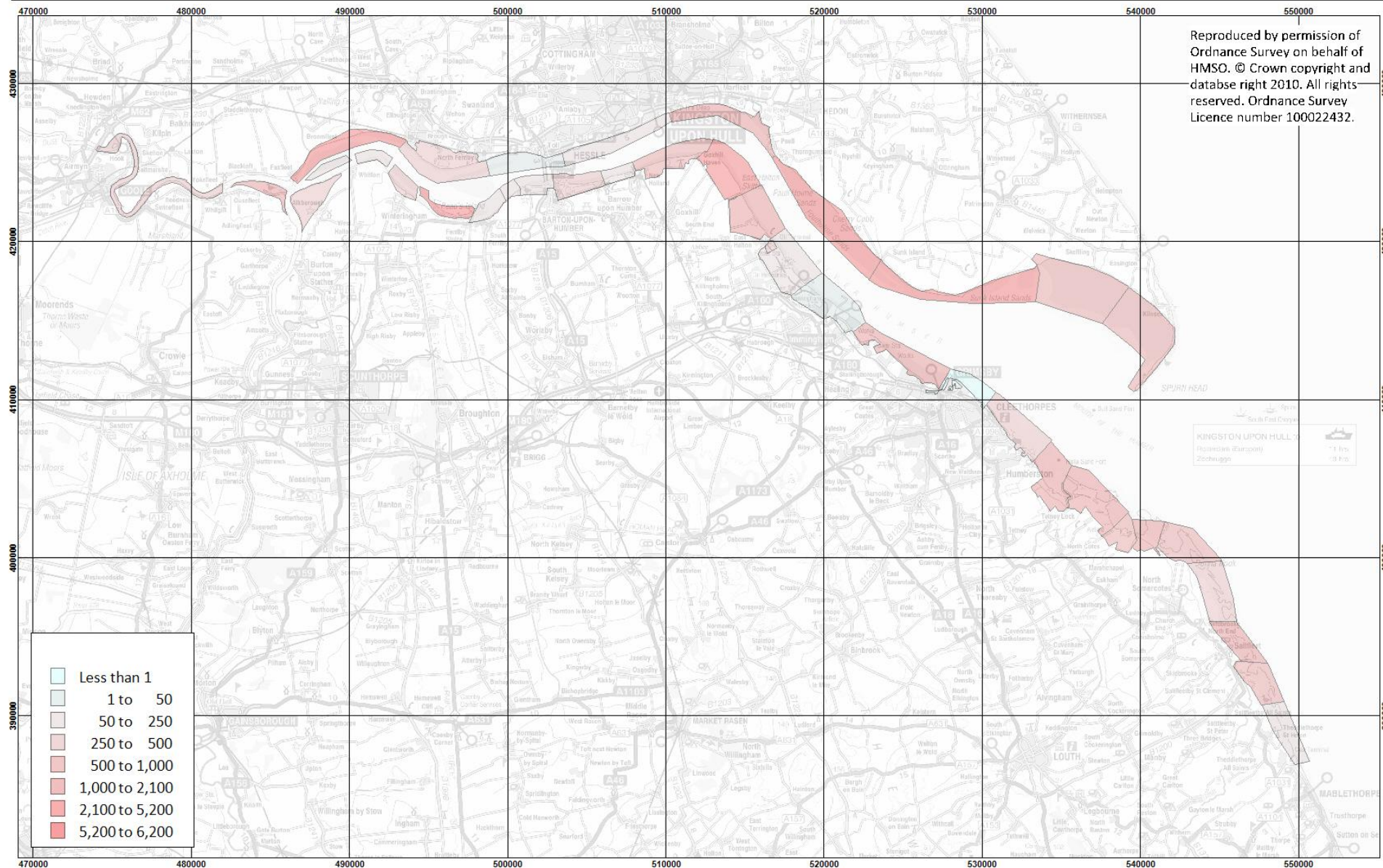
International threshold: 4,500  
Great Britain threshold: 2,800





# Map 15: WeBS mean peak count: Lapwing

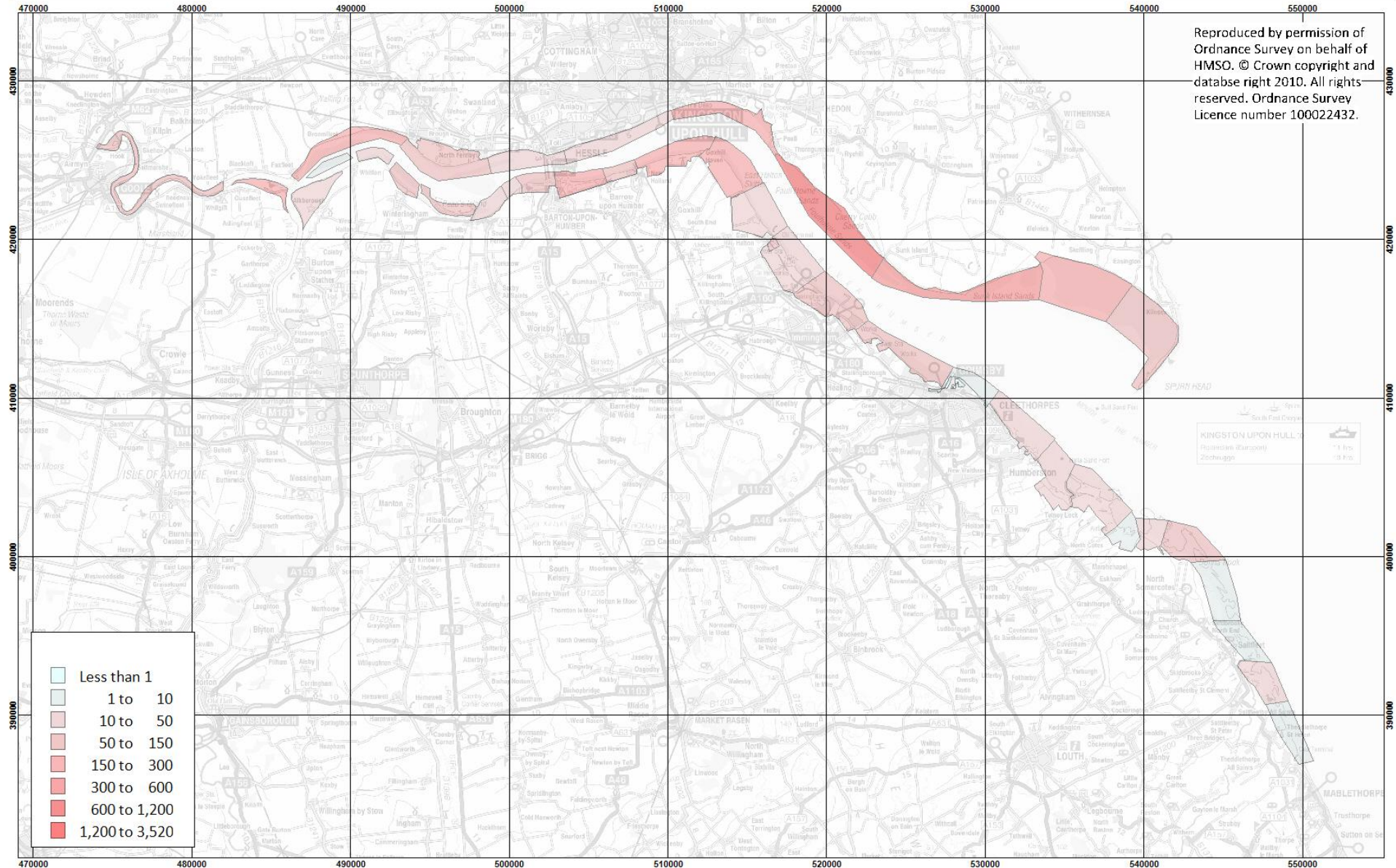
International threshold: 20,000  
Great Britain threshold: 6,200





# Map 16 : WeBS mean peak count: Mallard

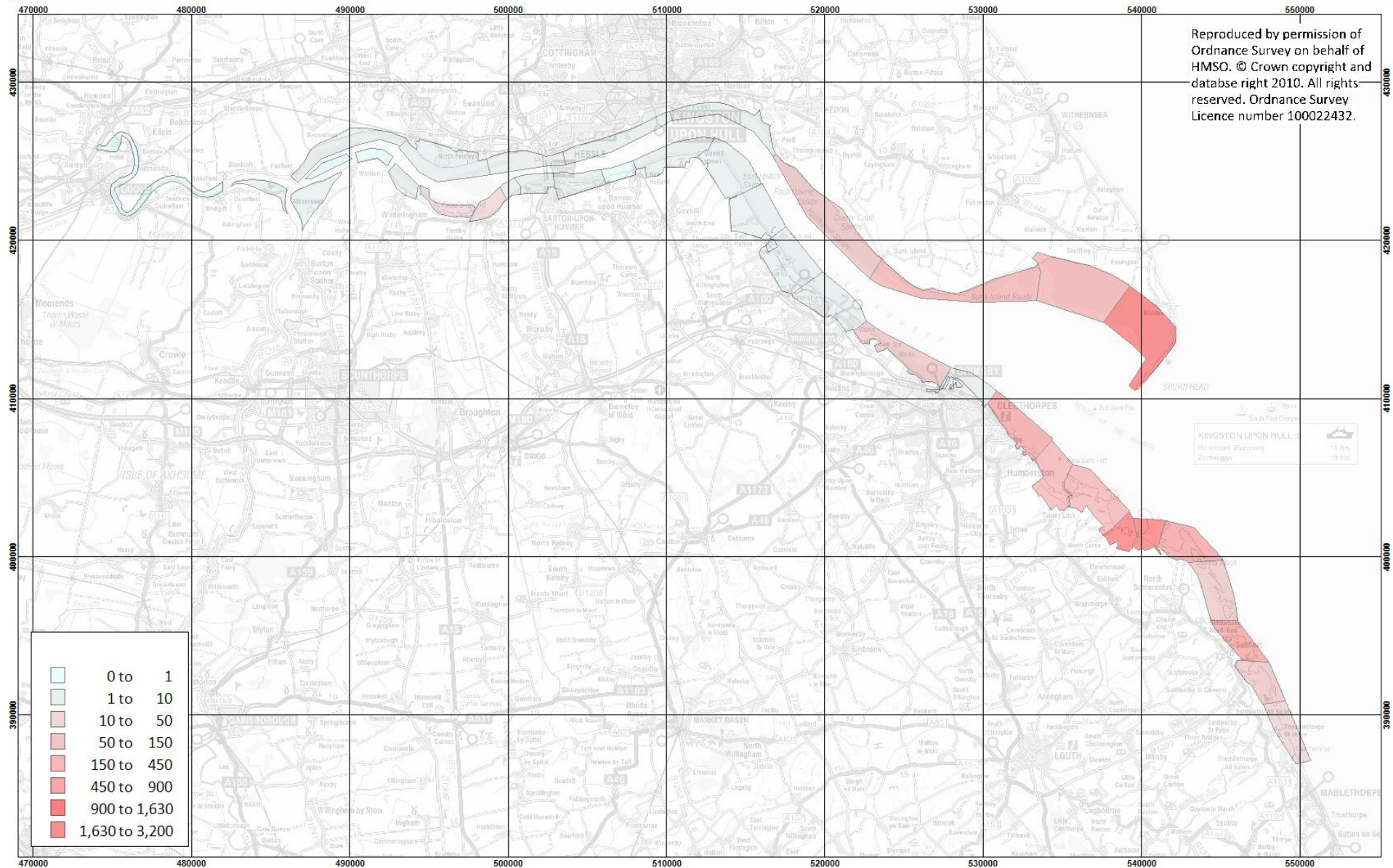
International threshold: 3,520  
Great Britain threshold: 20,000





# Map 17: WeBS mean peak count: Oystercatcher

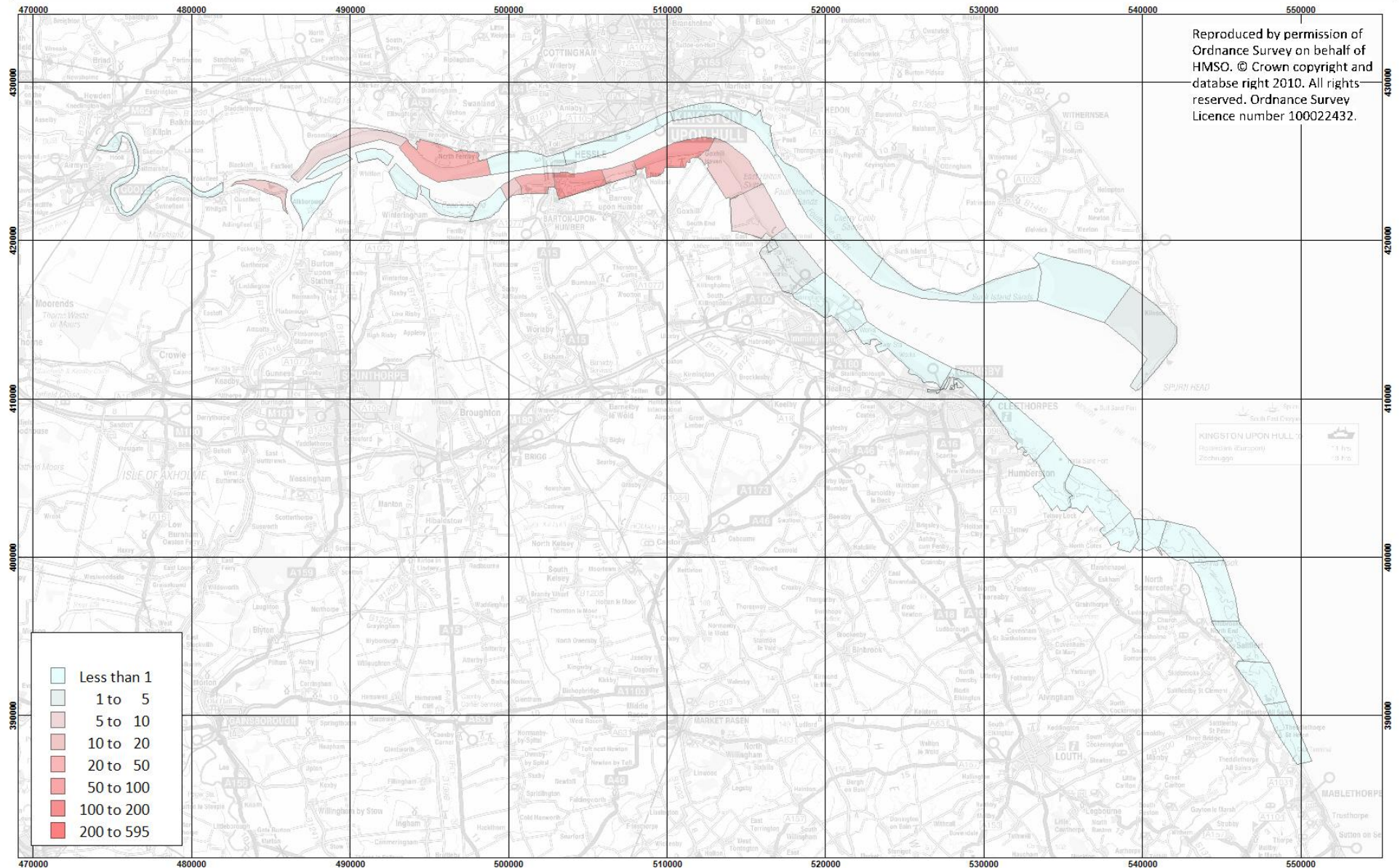
International threshold: 10,200  
Great Britain threshold: 3,200





# Map 18: WeBS mean peak count: Pochard

International threshold: 3,500  
Great Britain threshold: 595





# Map 19 : WeBS mean peak count: Redshank

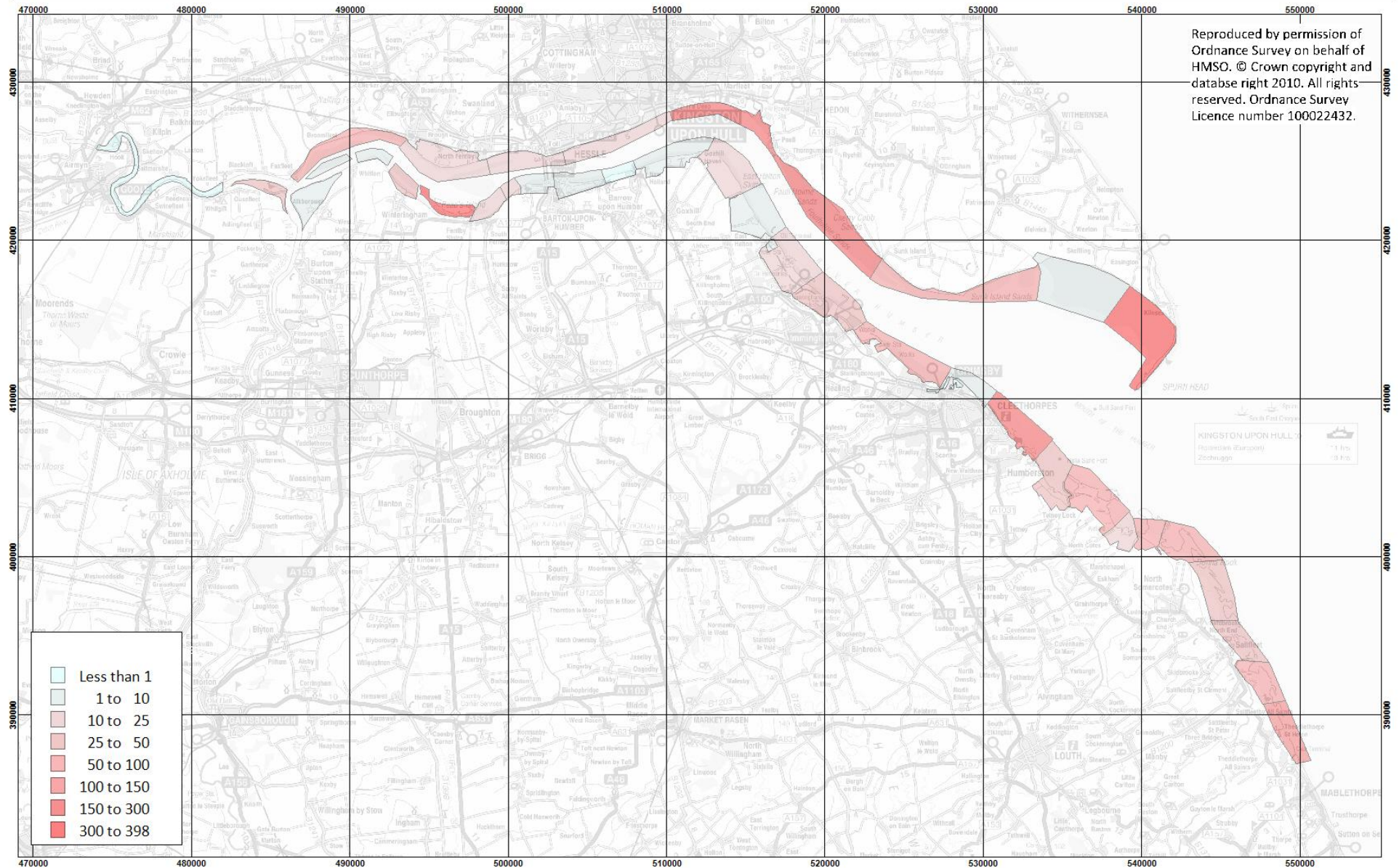
International threshold: 2,800  
Great Britain threshold: 1,200





# Map 20: WeBS mean peak count: Ringed Plover

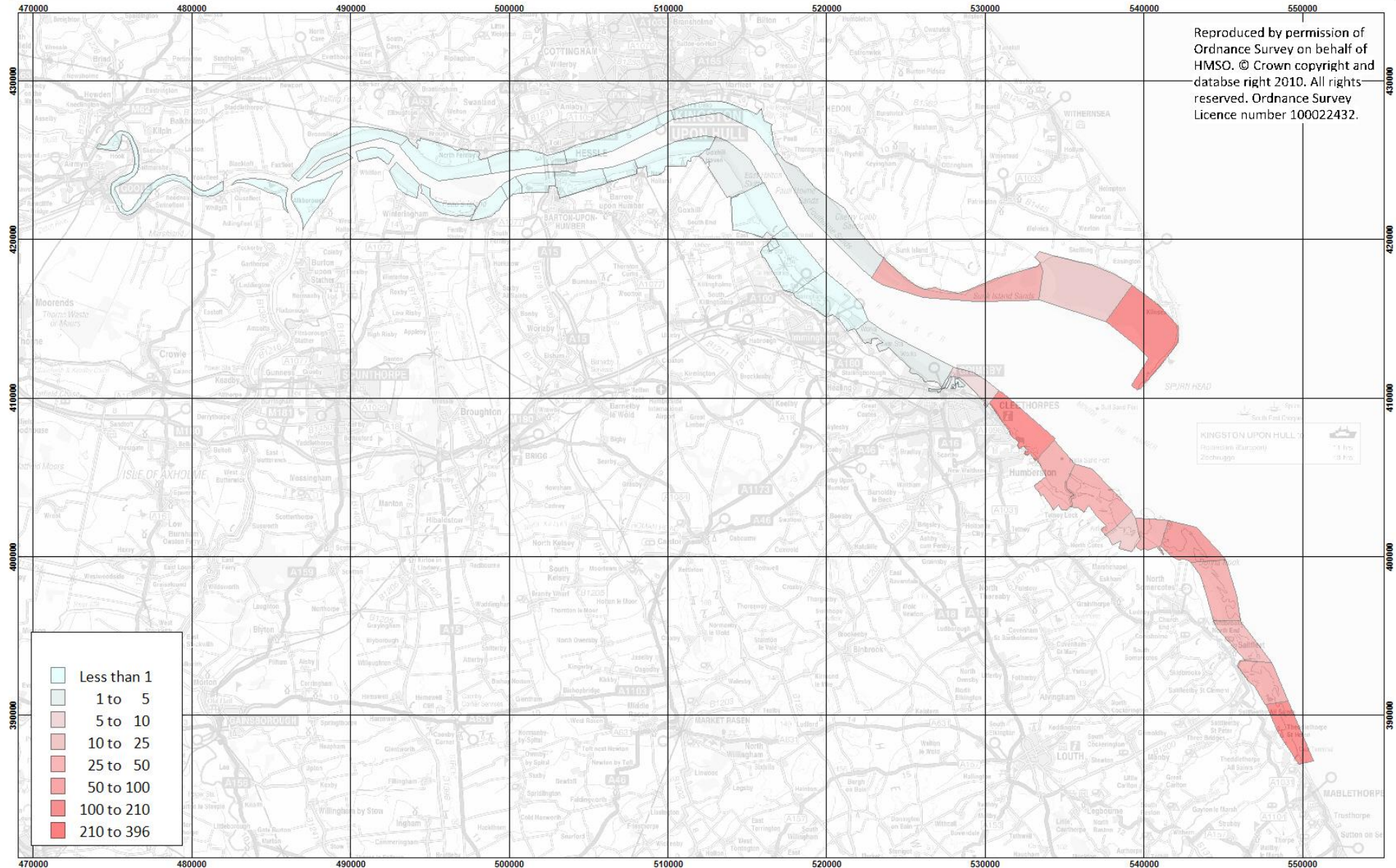
International threshold: 730  
Great Britain threshold: 330





# Map 21 : WeBS mean peak count: Sanderling

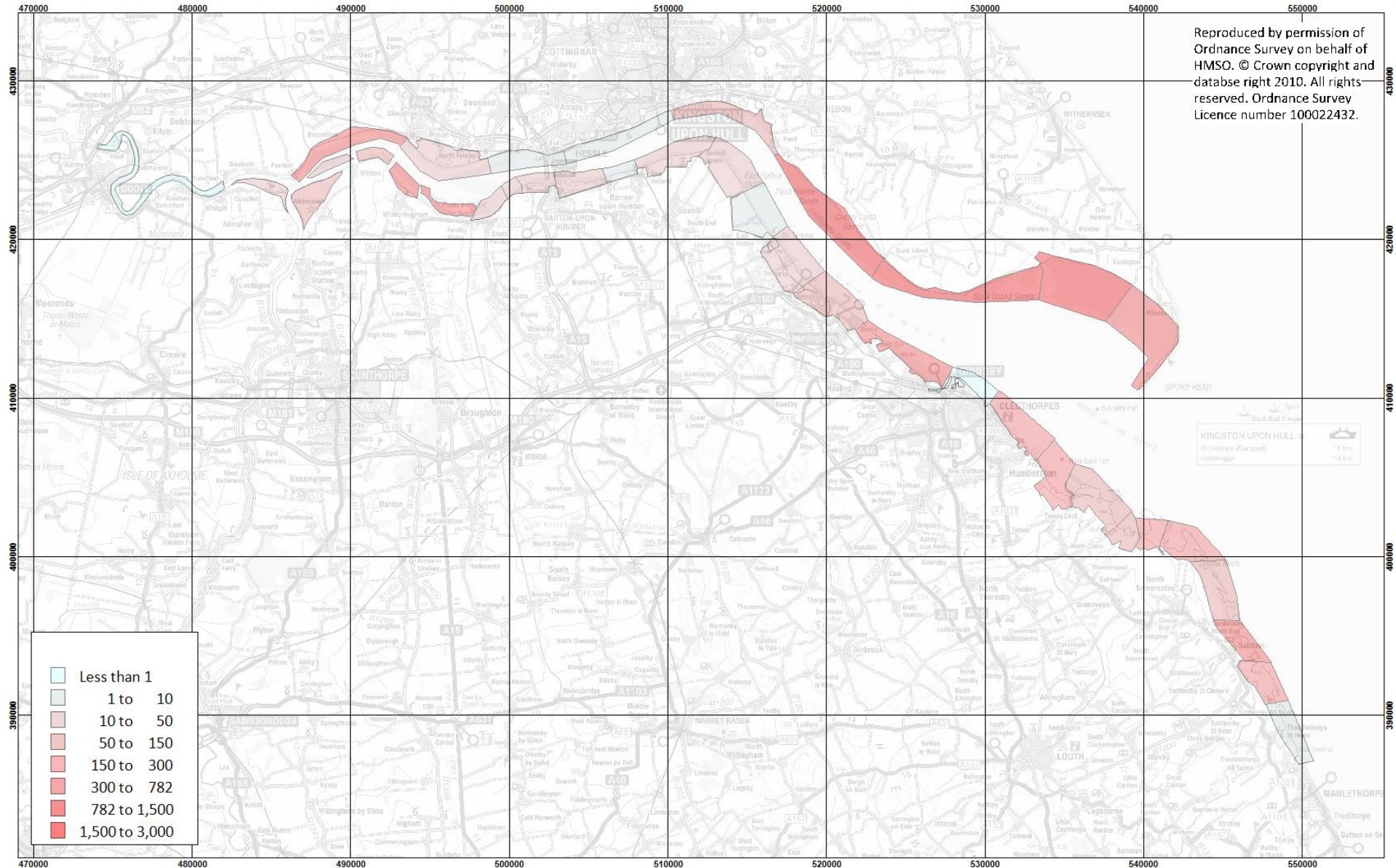
International threshold: 1,200  
Great Britain threshold: 210





# Map 22 : WeBS mean peak count: Shelduck

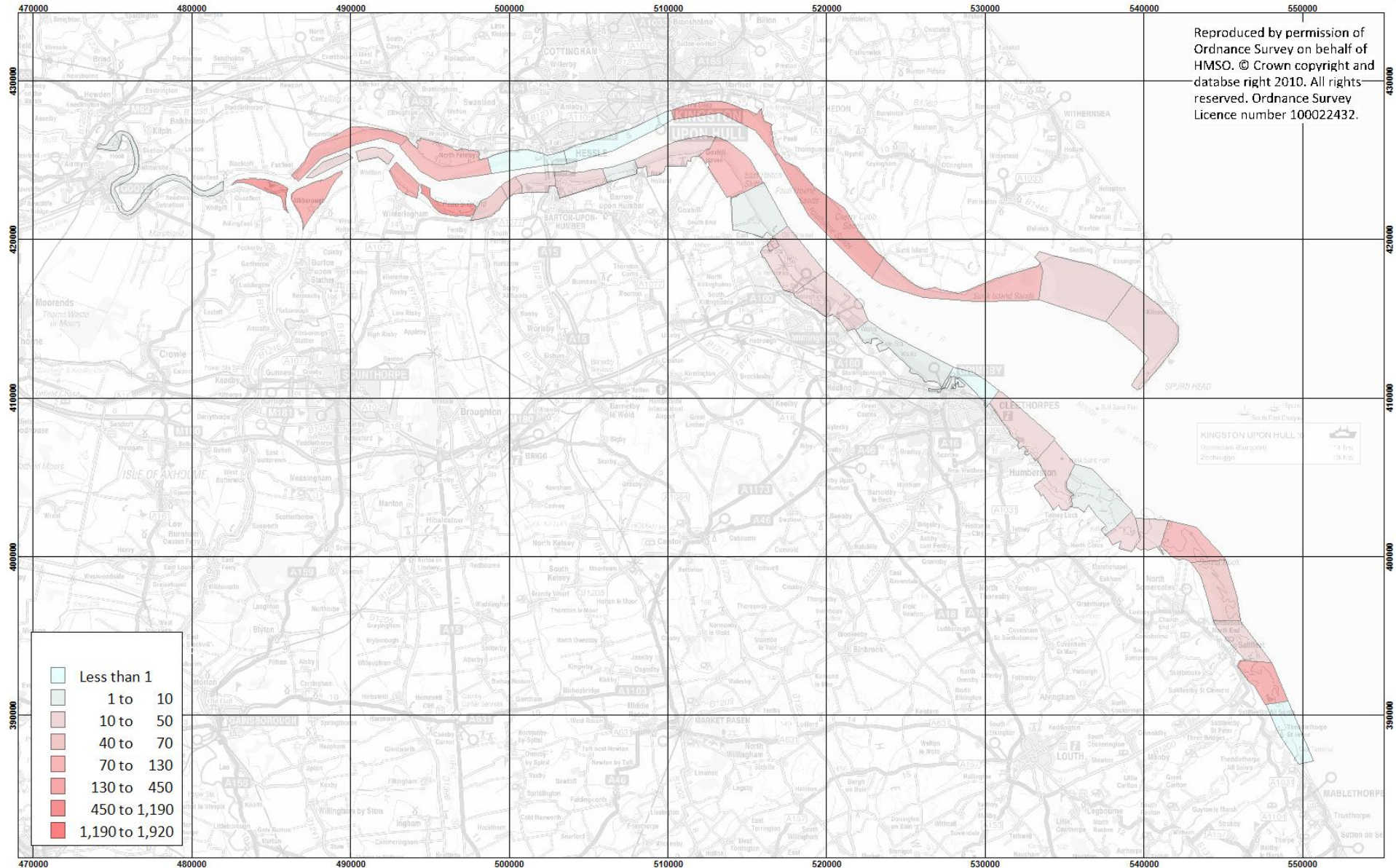
International threshold: 3000  
Great Britain threshold: 782





# Map 23: WeBS mean peak count: Teal

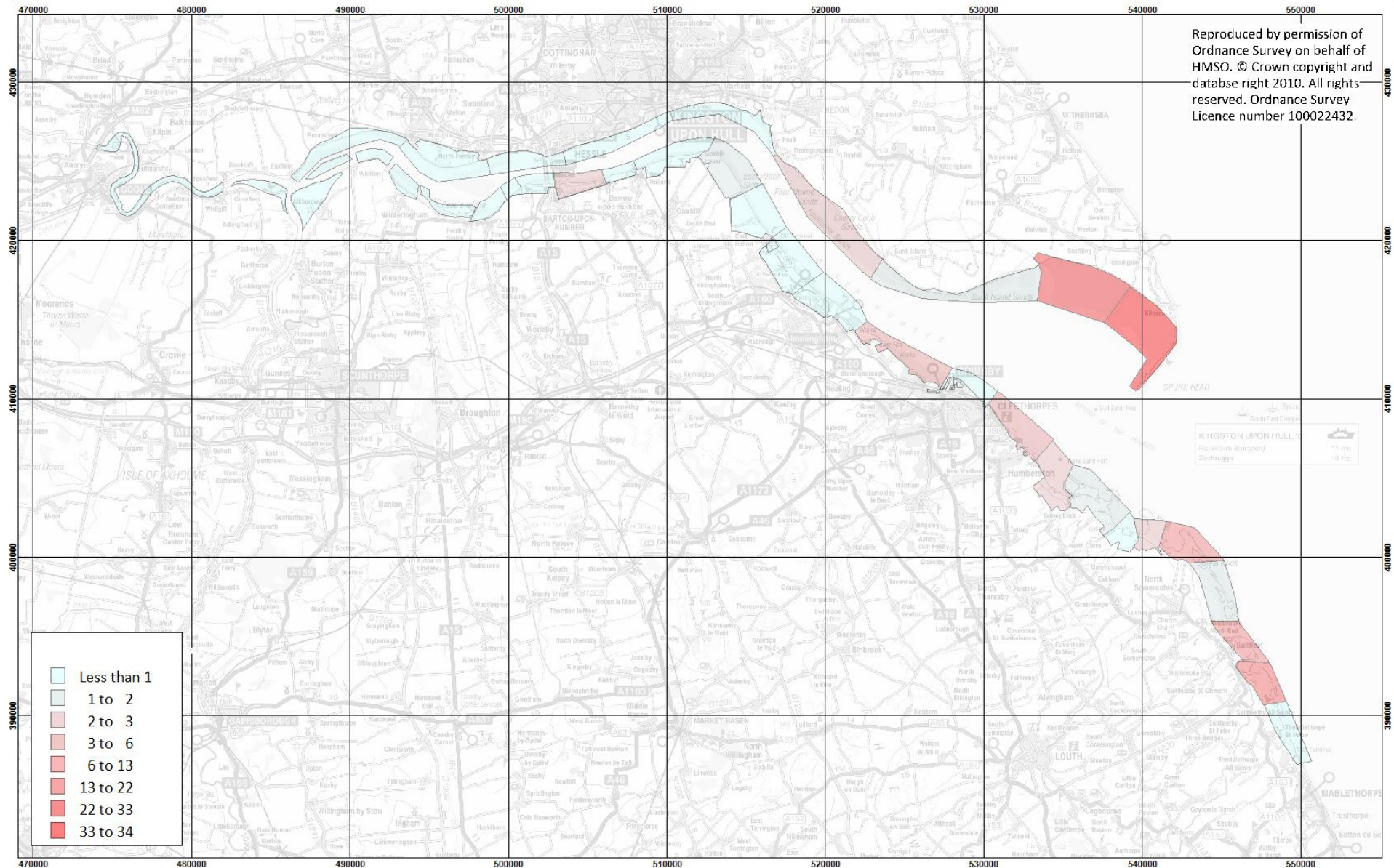
International threshold: 5,000  
Great Britain threshold: 1,920





# Map 24 : WeBS mean peak count: Whimbrel

International threshold: 6,800  
Great Britain threshold:



- Less than 1
- 1 to 2
- 2 to 3
- 3 to 6
- 6 to 13
- 13 to 22
- 22 to 33
- 33 to 34

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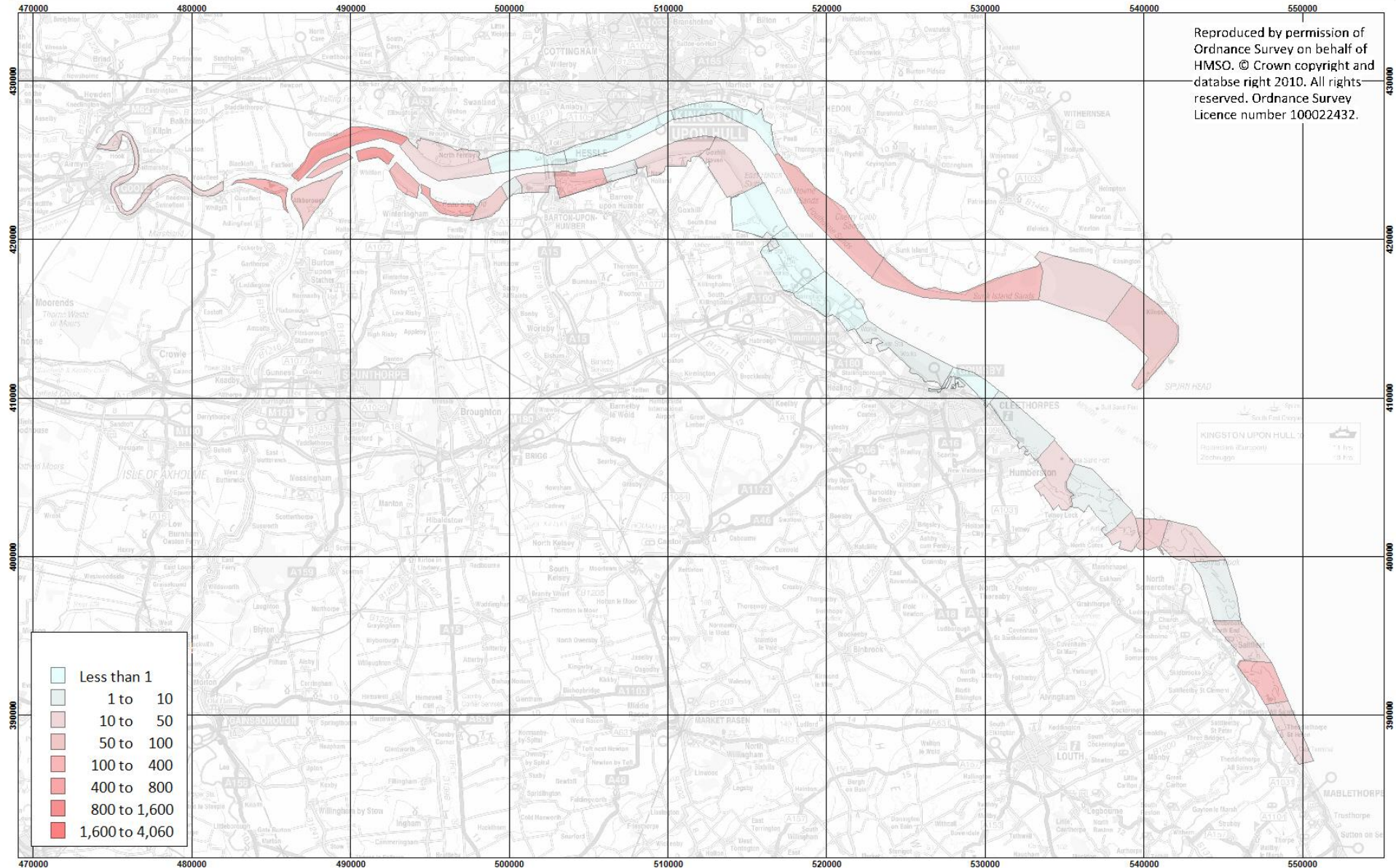
KINGSTON UPON HULL  
Humber (Easport)  
Zochwagg





# Map 25: WeBS mean peak count: Wigeon

International threshold: 15,000  
Great Britain threshold: 4,060



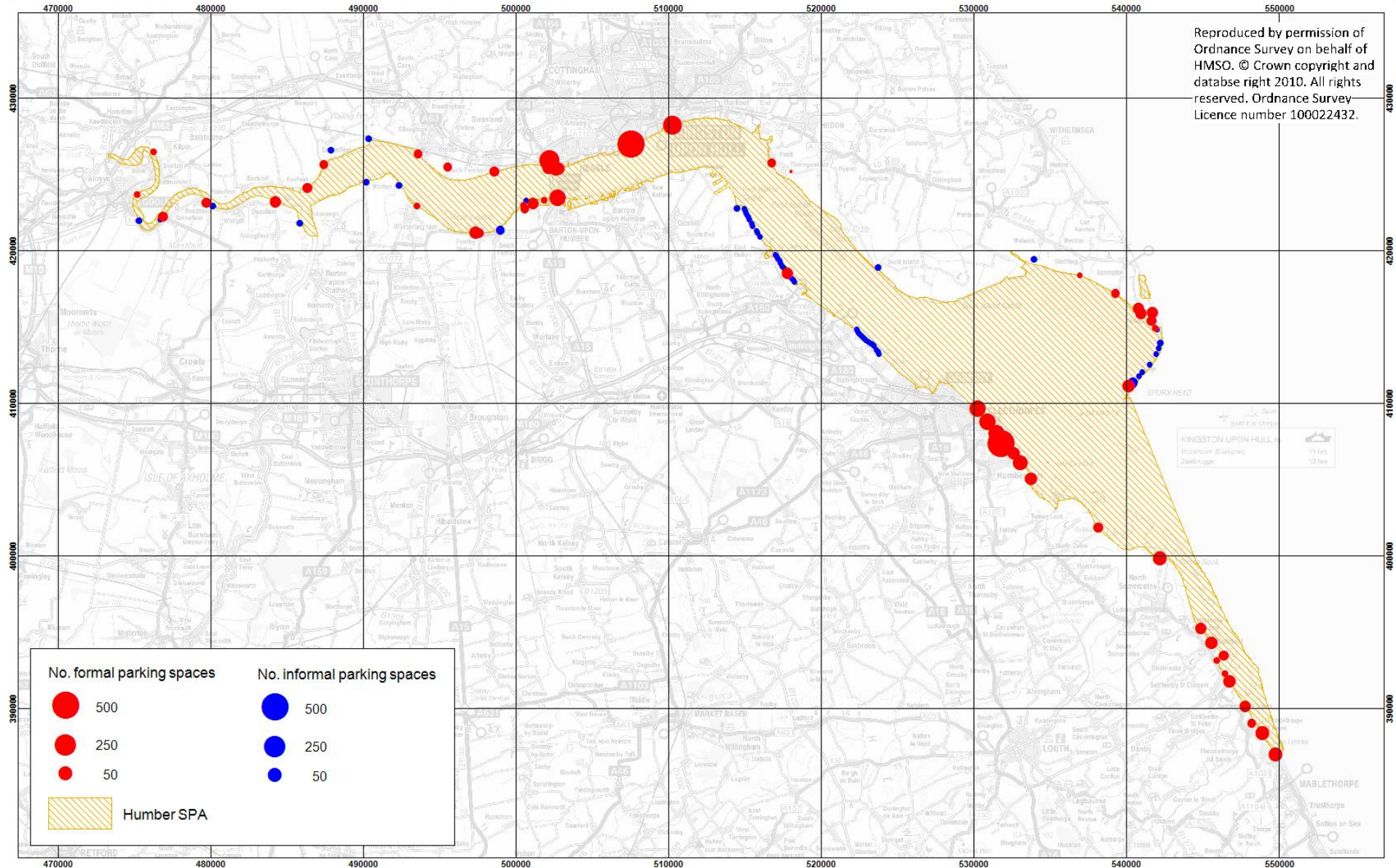
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KINGSTON UPON HULL  
Humber (European)  
Zschiggau



# Map 26: Formal & Informal car parking within or near the Humber SPA

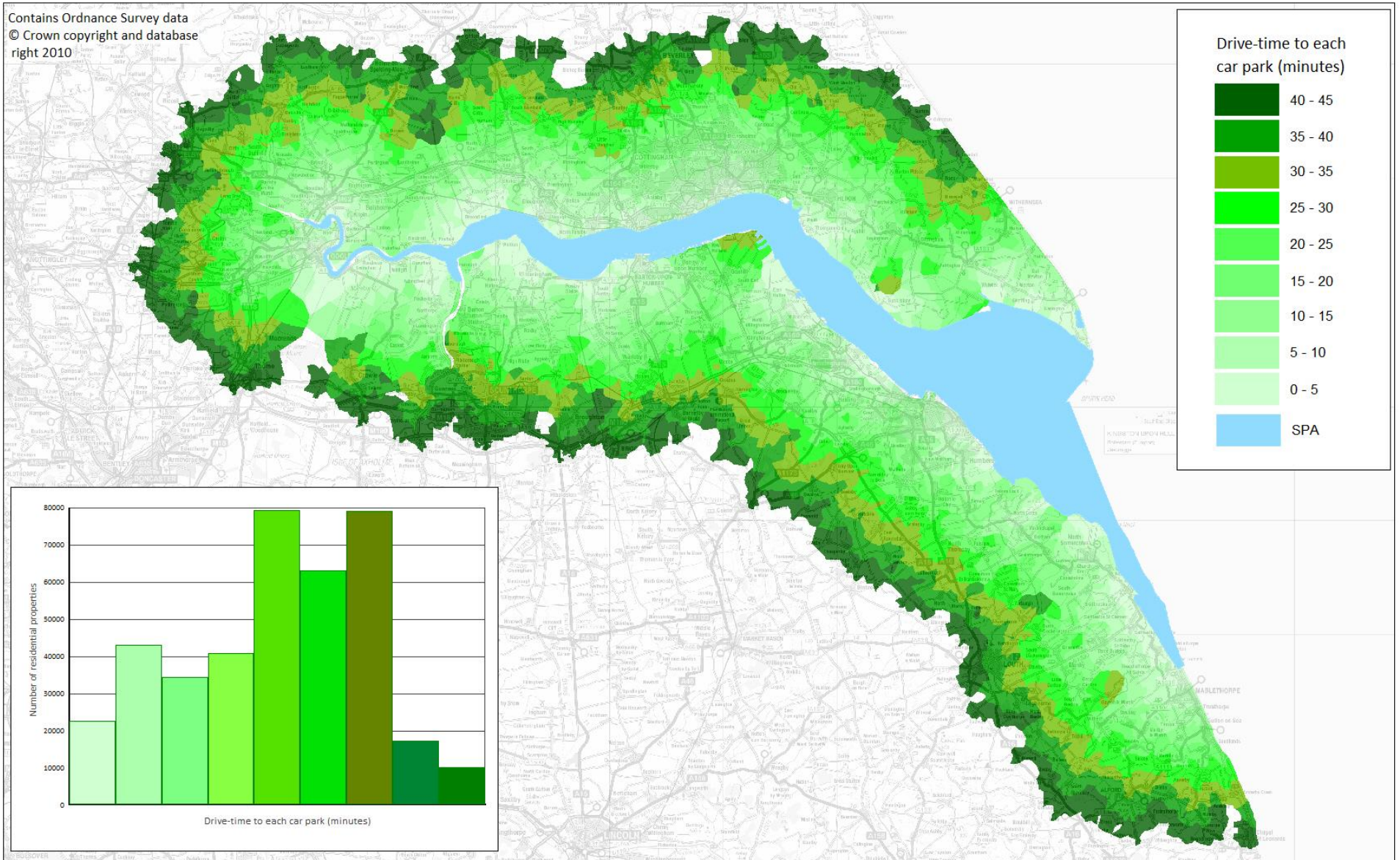
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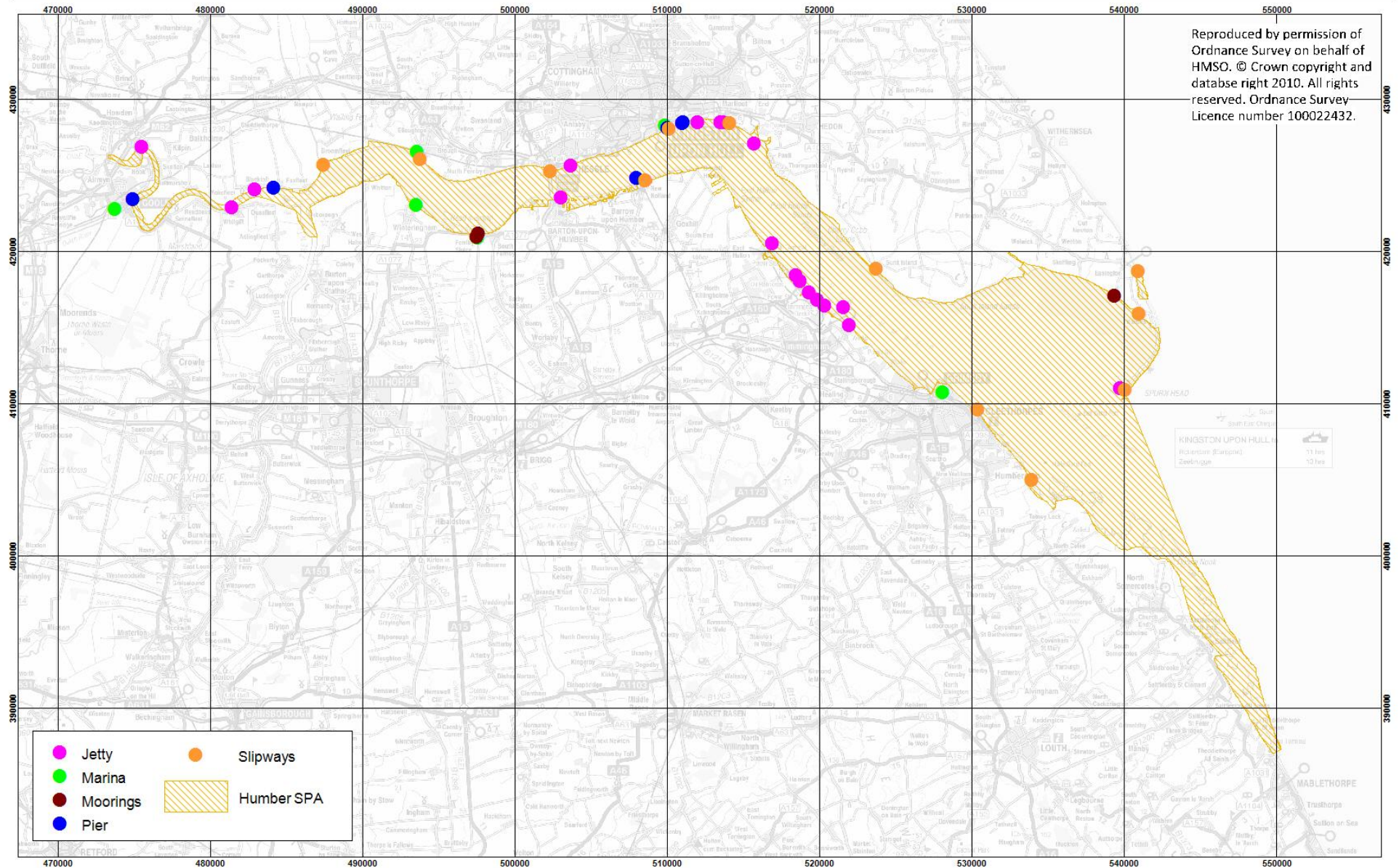
## Map 27: Drive-time isochrones around all car parks

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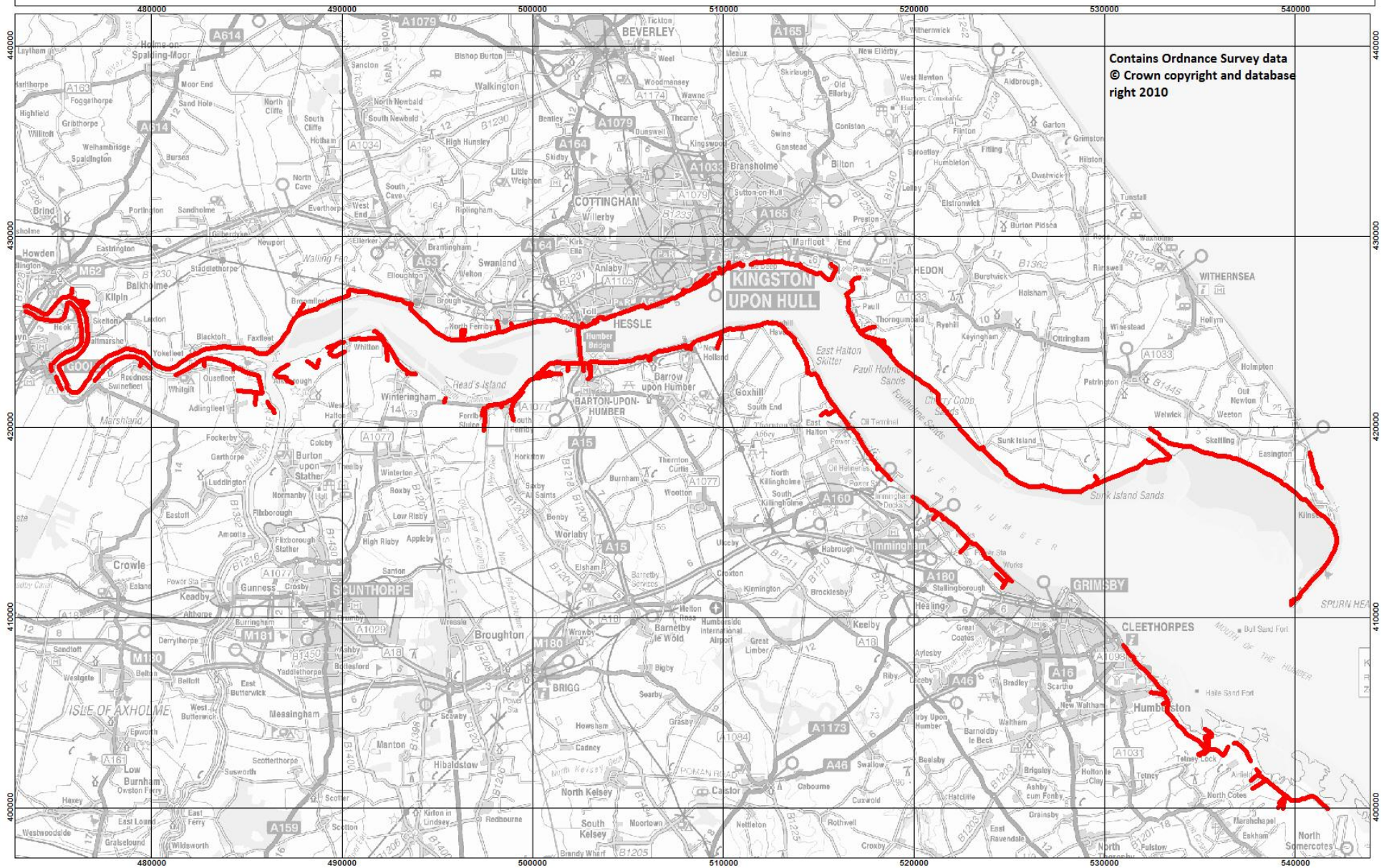


# Map 28: Marinas, slipways and other boating infrastructure





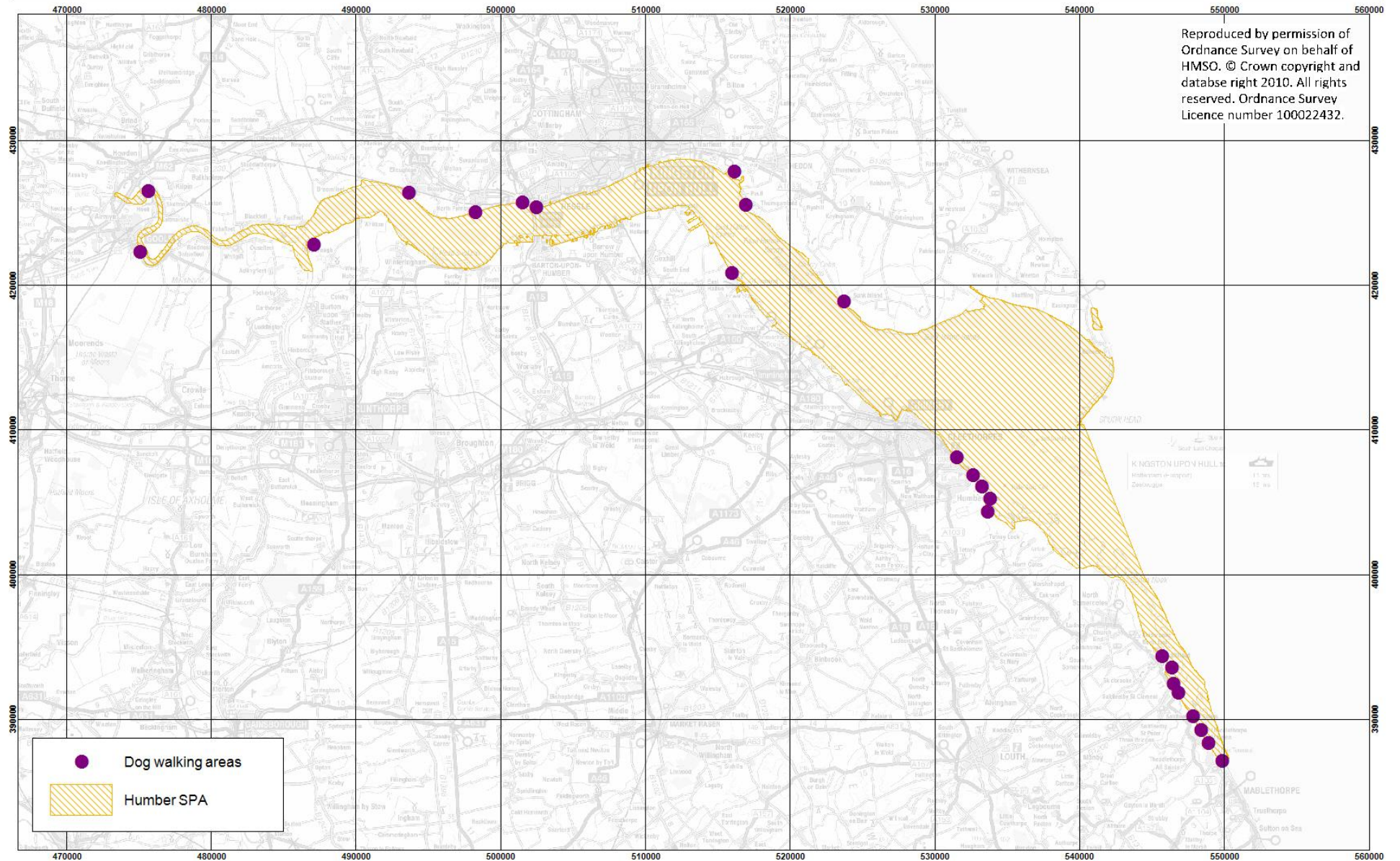
# Map 29: Public access along shoreline



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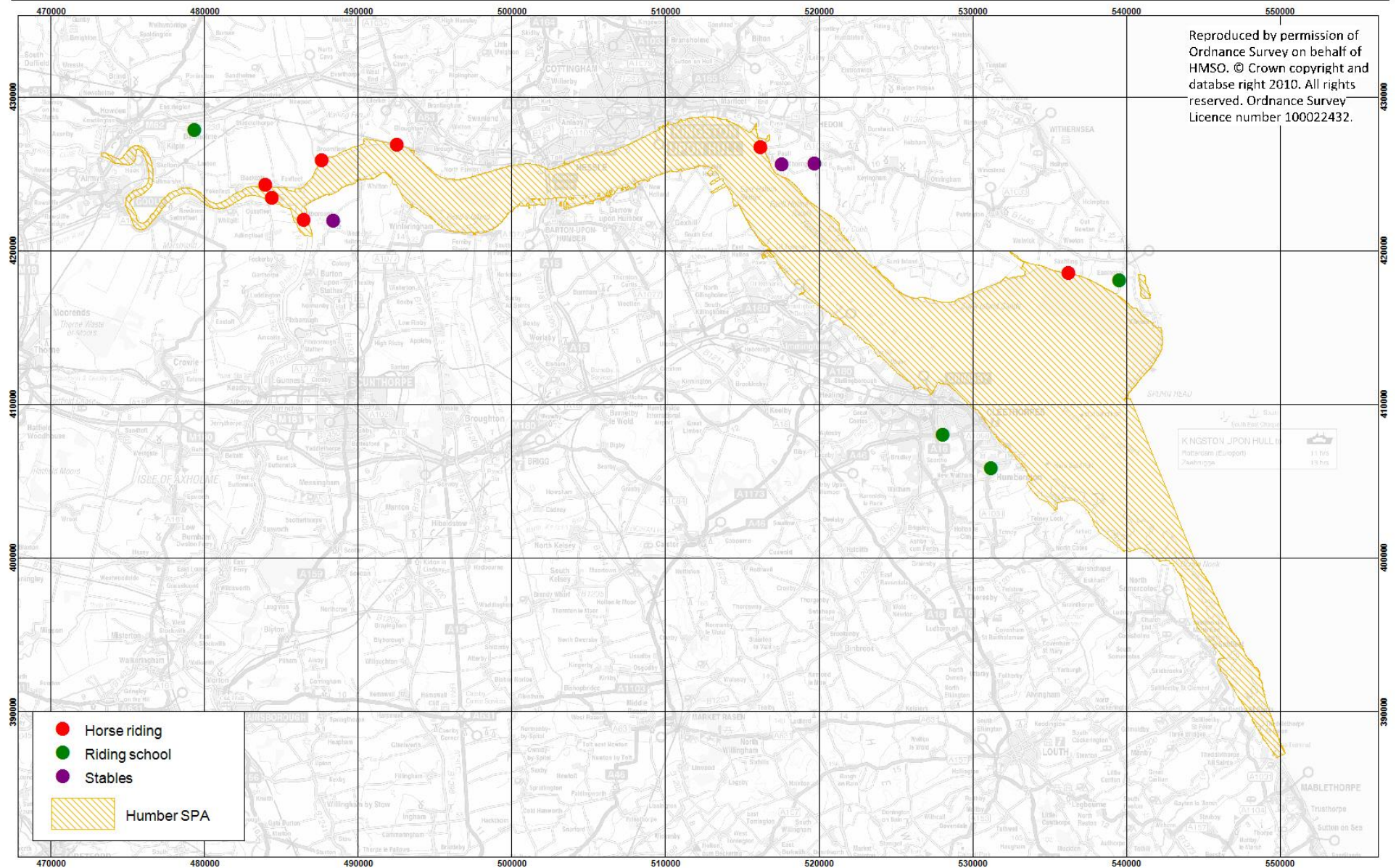


# Map 30: Dog walking locations



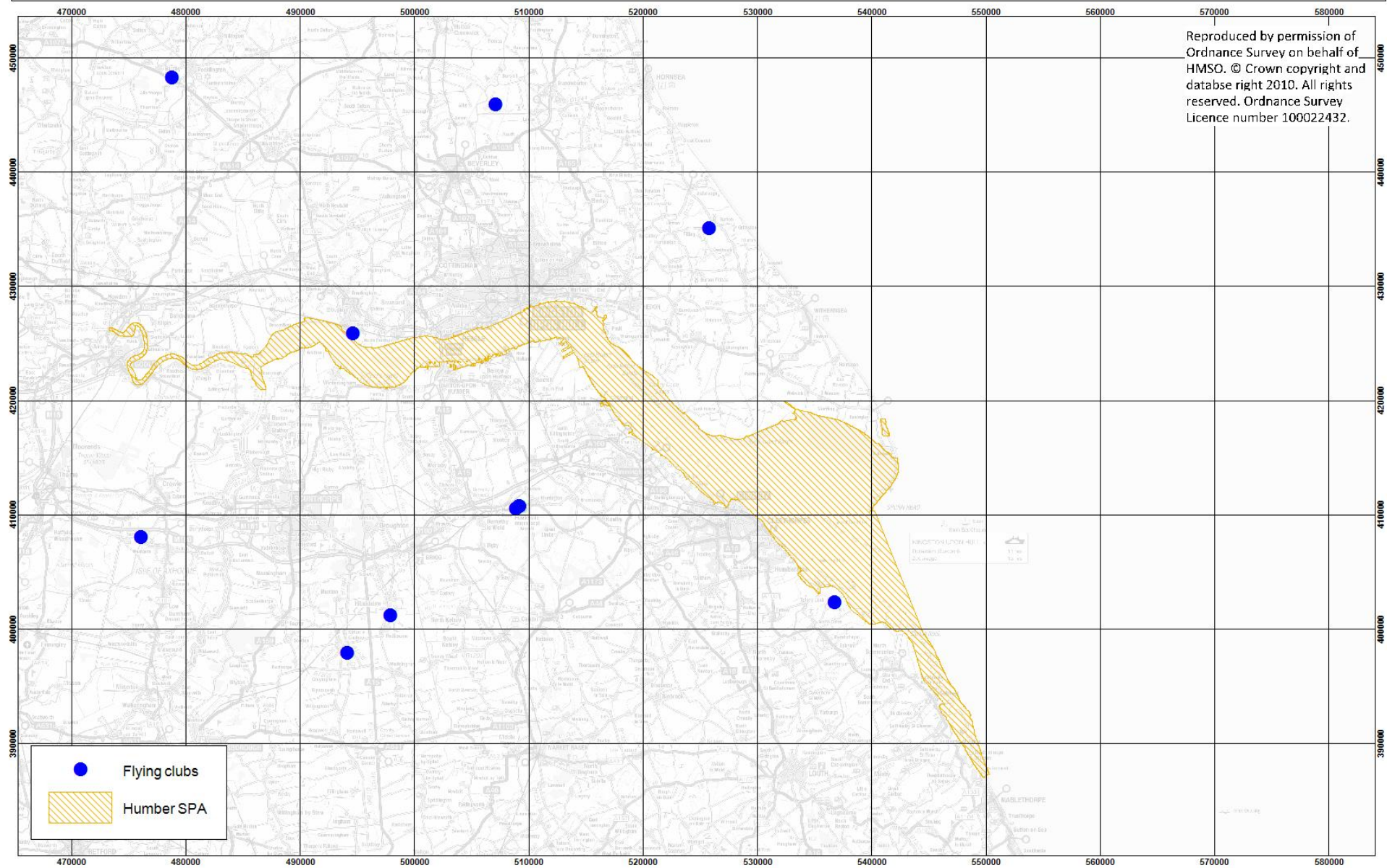


# Map 31: Equestrian centres





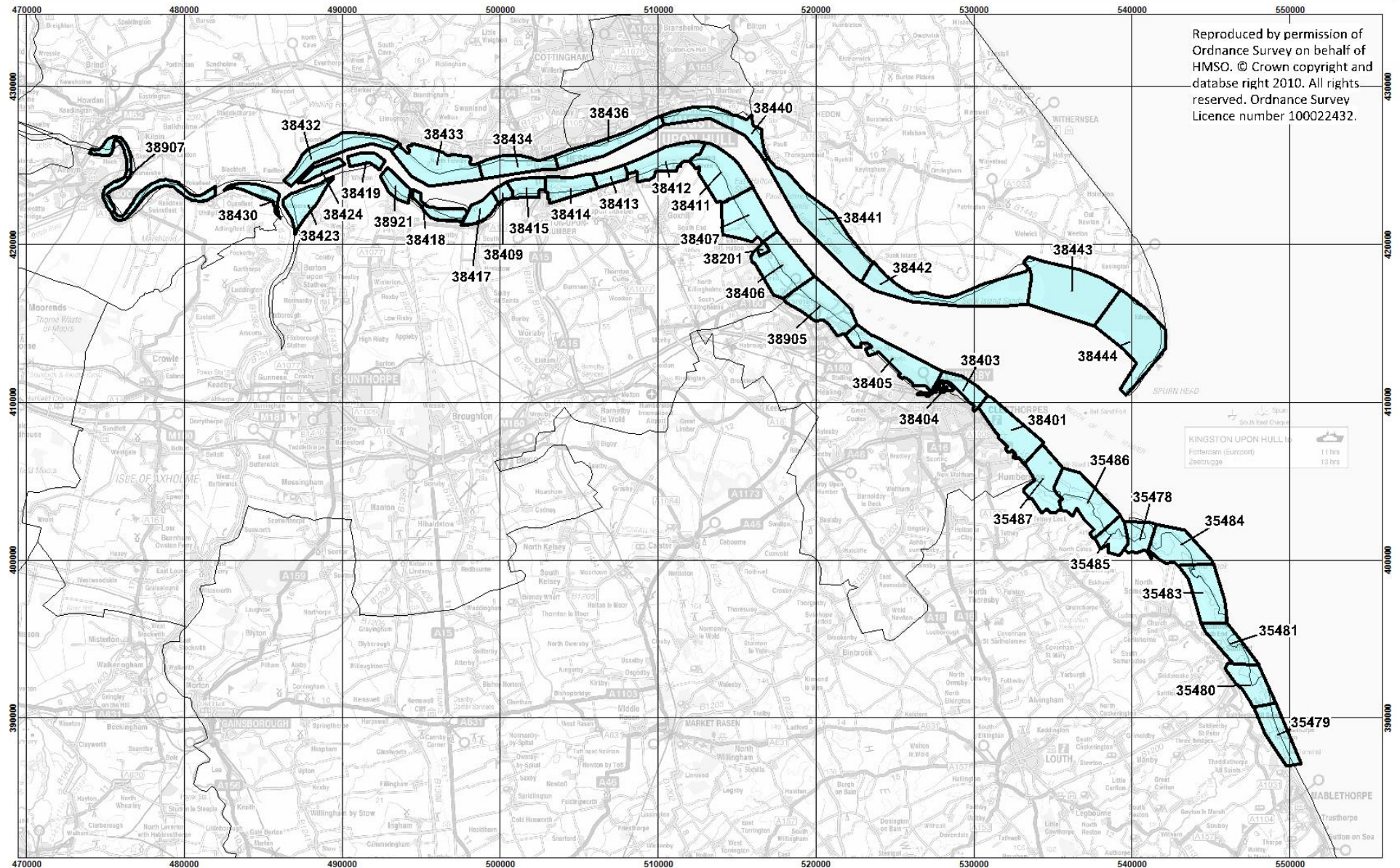
# Map 33: Flying clubs



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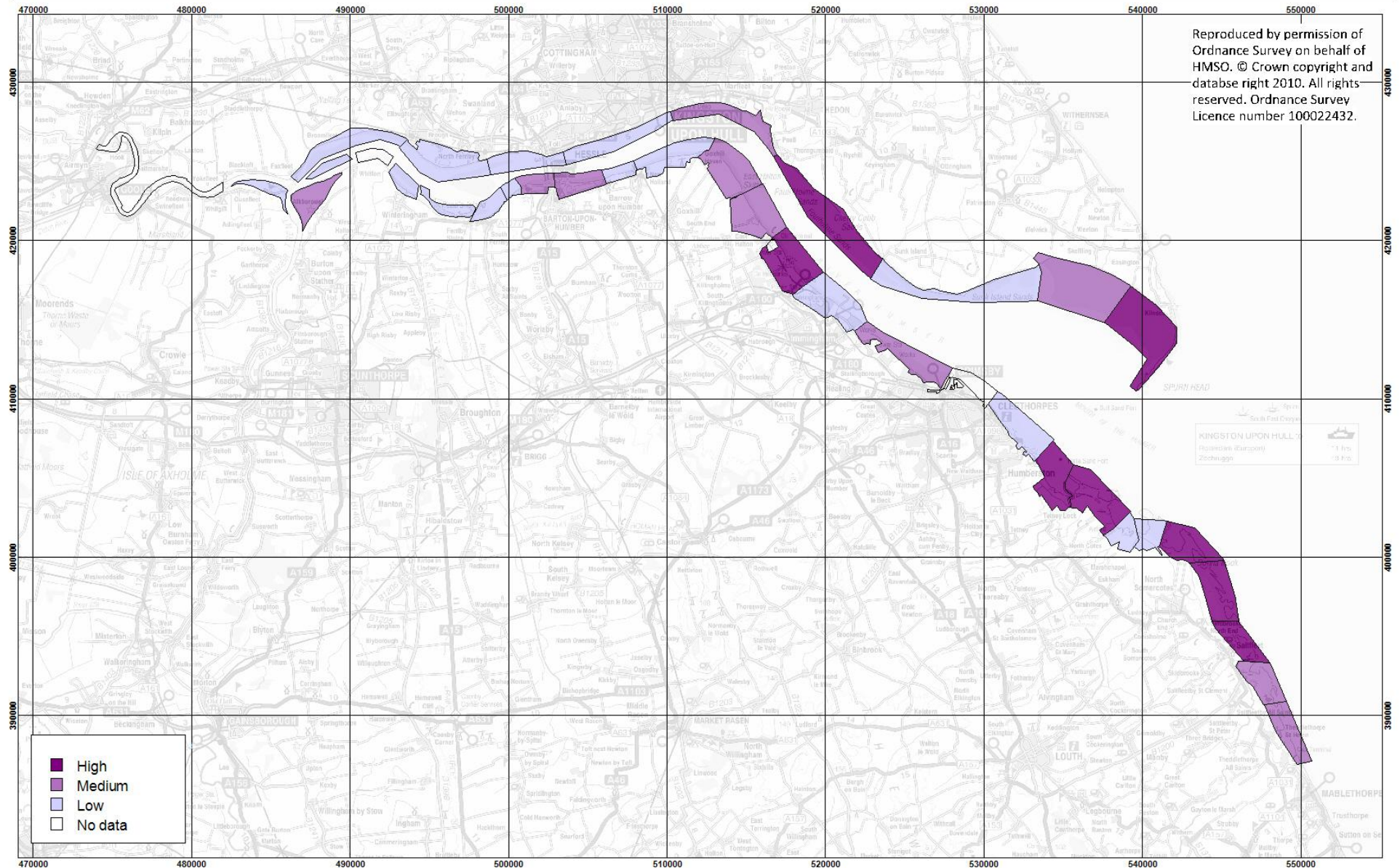


# Map 34: WeBS sectors



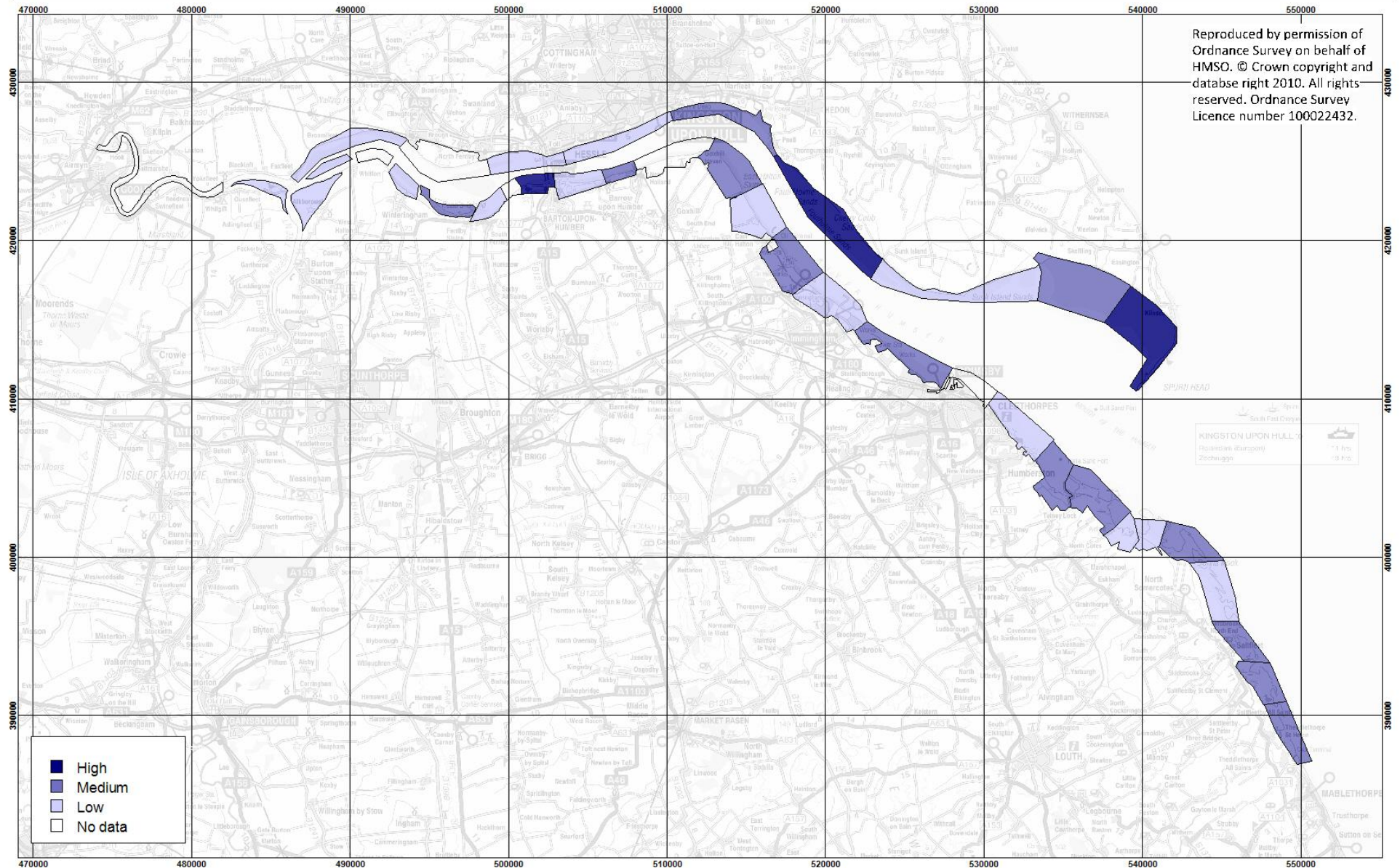


# Map 35: Questionnaire results: Frequency of shore-based activities in WeBS sectors





# Map 36: Questionnaire results: Level of disturbance from shore-based activities in WeBS sectors



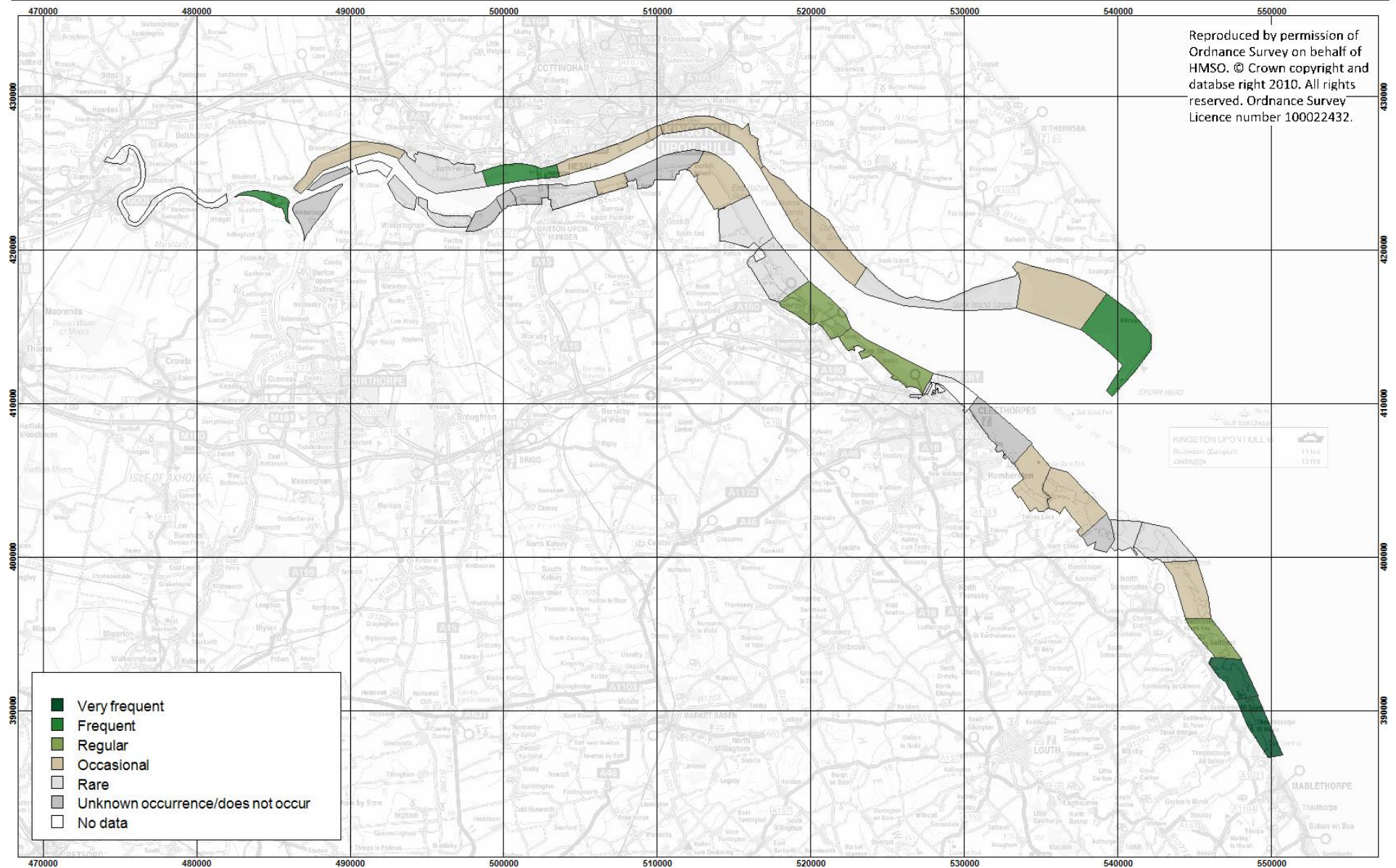


# Map 37: Questionnaire results: Mean frequency of walking and dog walking in WeBS sectors



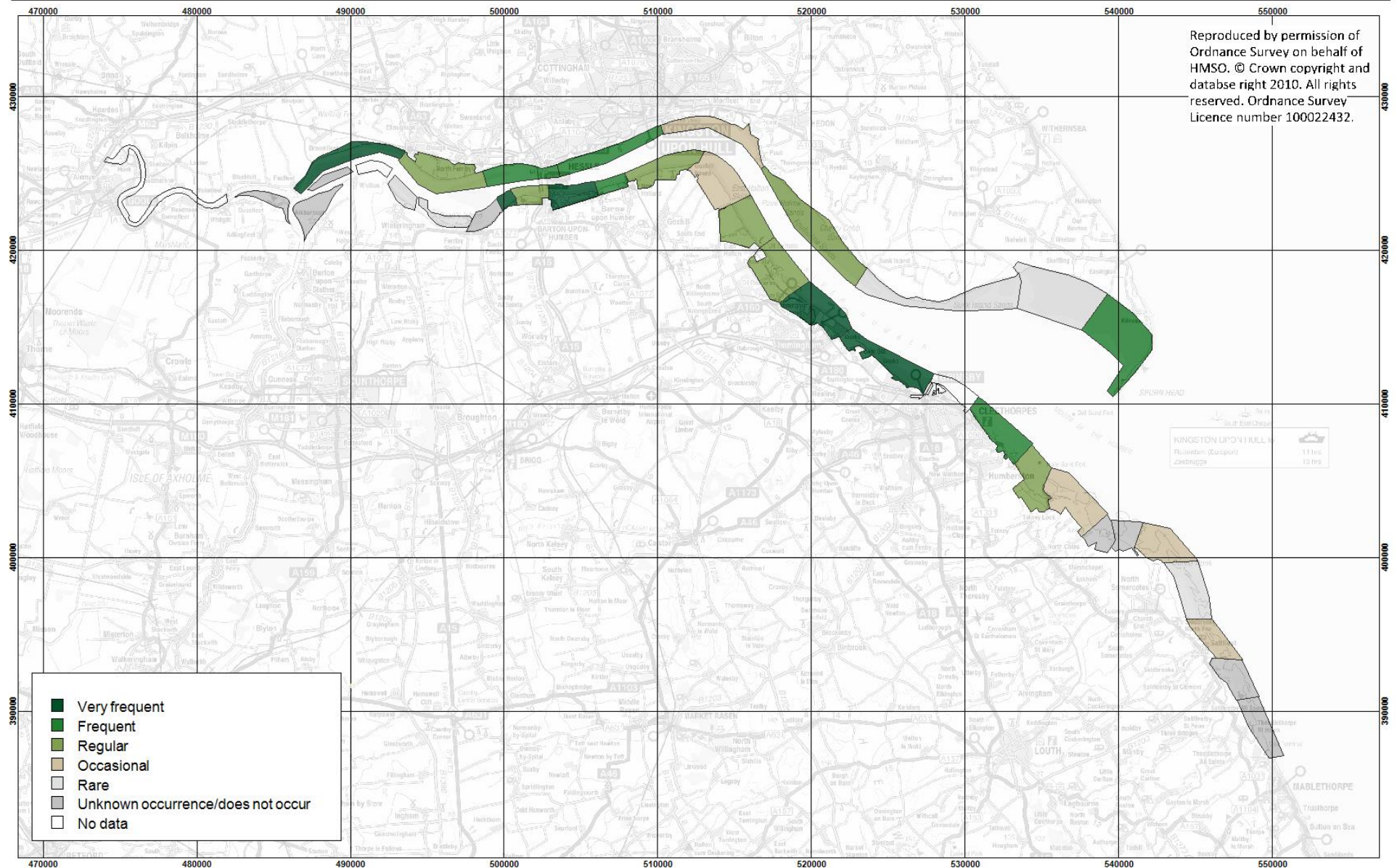


# Map 38: Questionnaire results: Mean frequency of horse riding in WeBS sectors



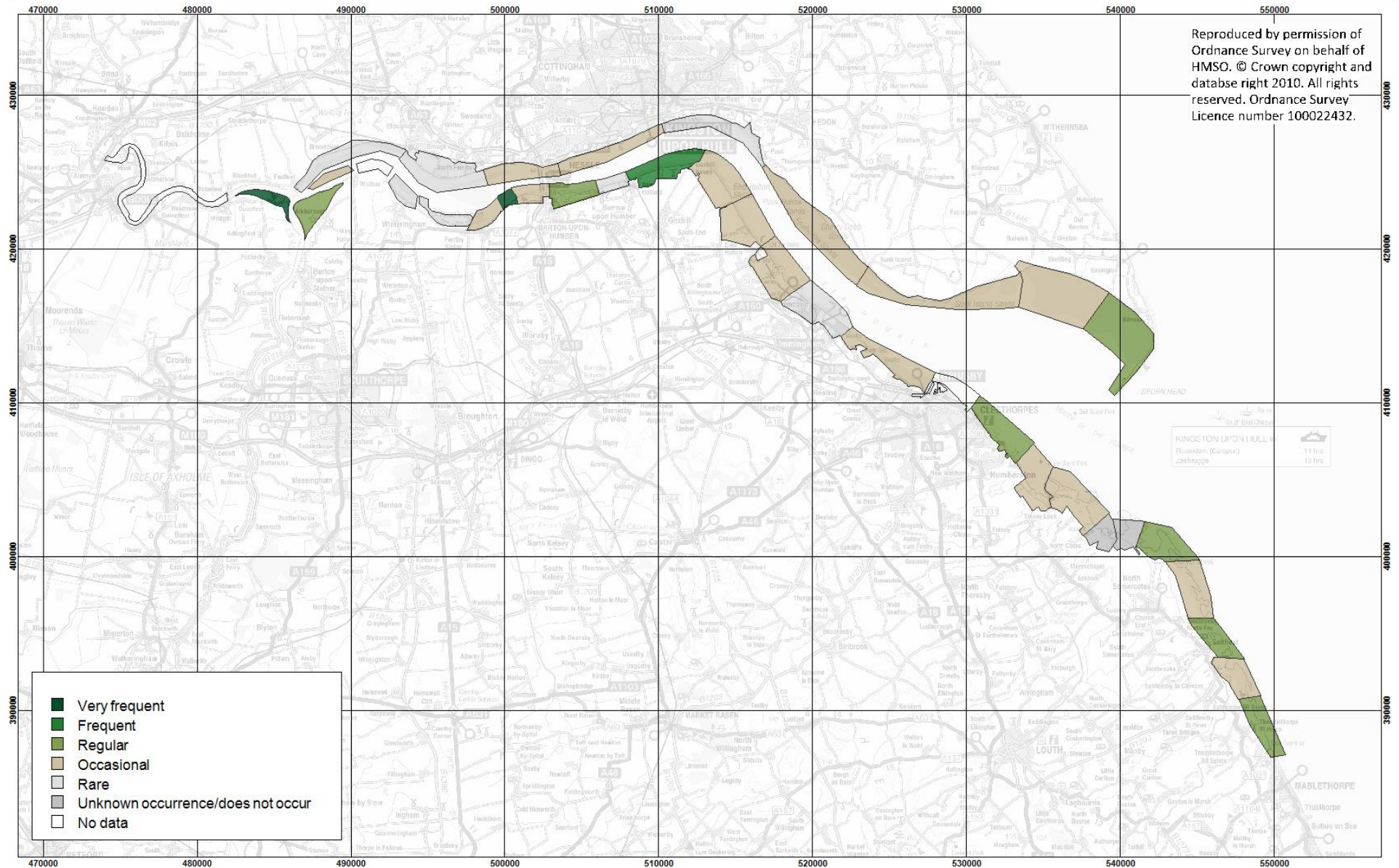


# Map 39: Questionnaire results: Mean frequency of cycling in WeBS sectors



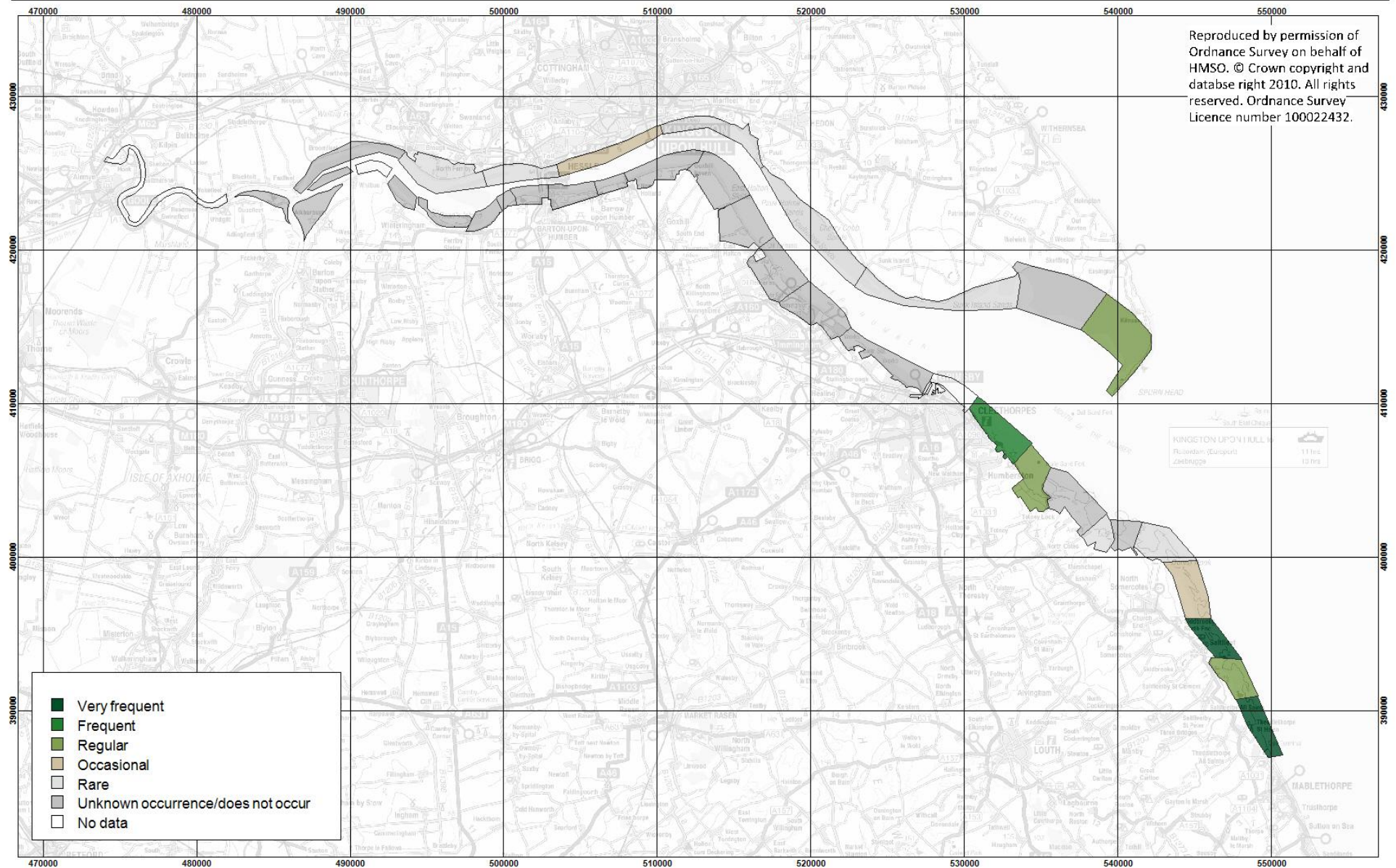


# Map 40: Questionnaire results: Mean frequency of bird and seal watching in WeBS sectors



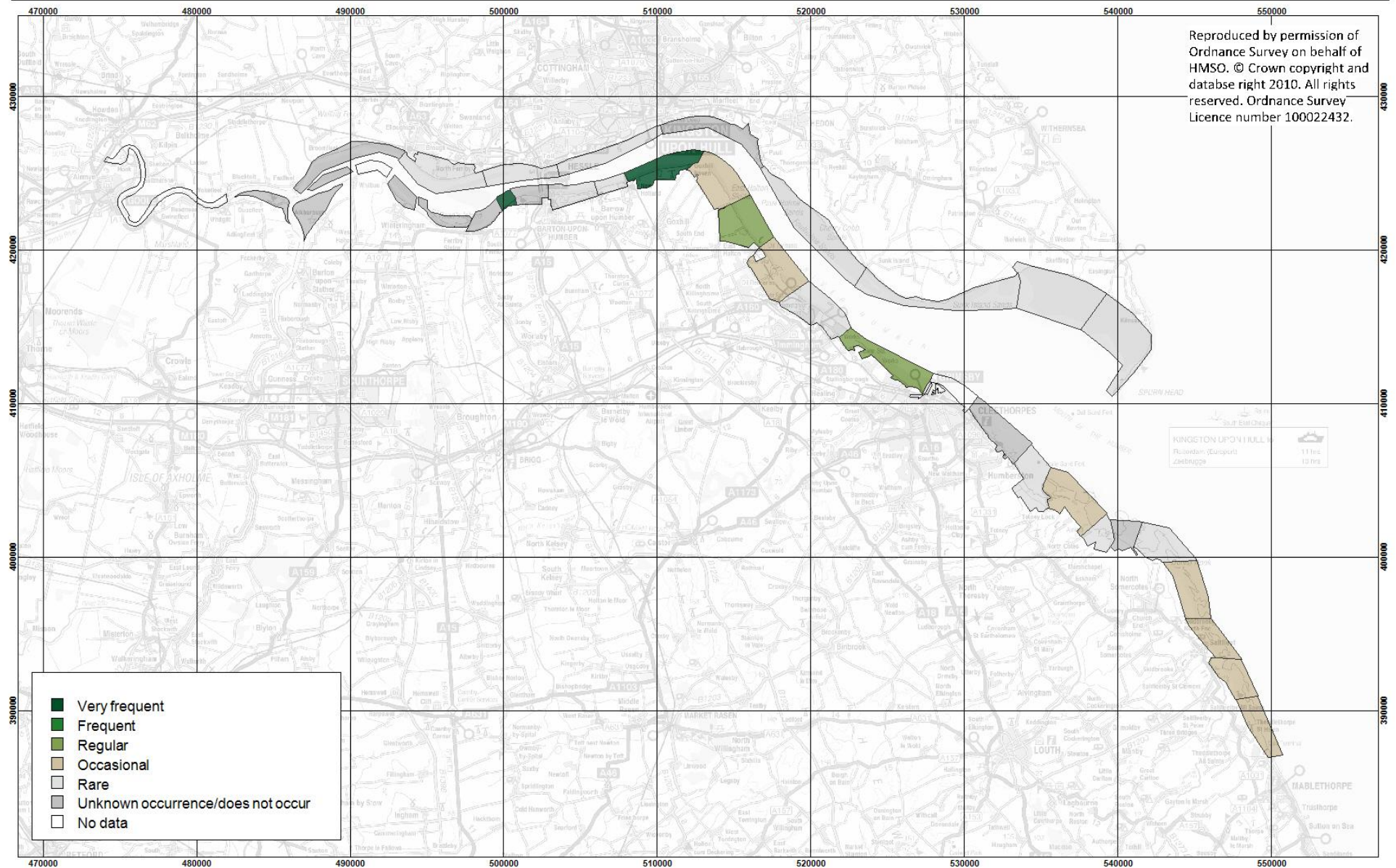


# Map 41: Questionnaire results: Mean frequency of beach recreation in WeBS sectors



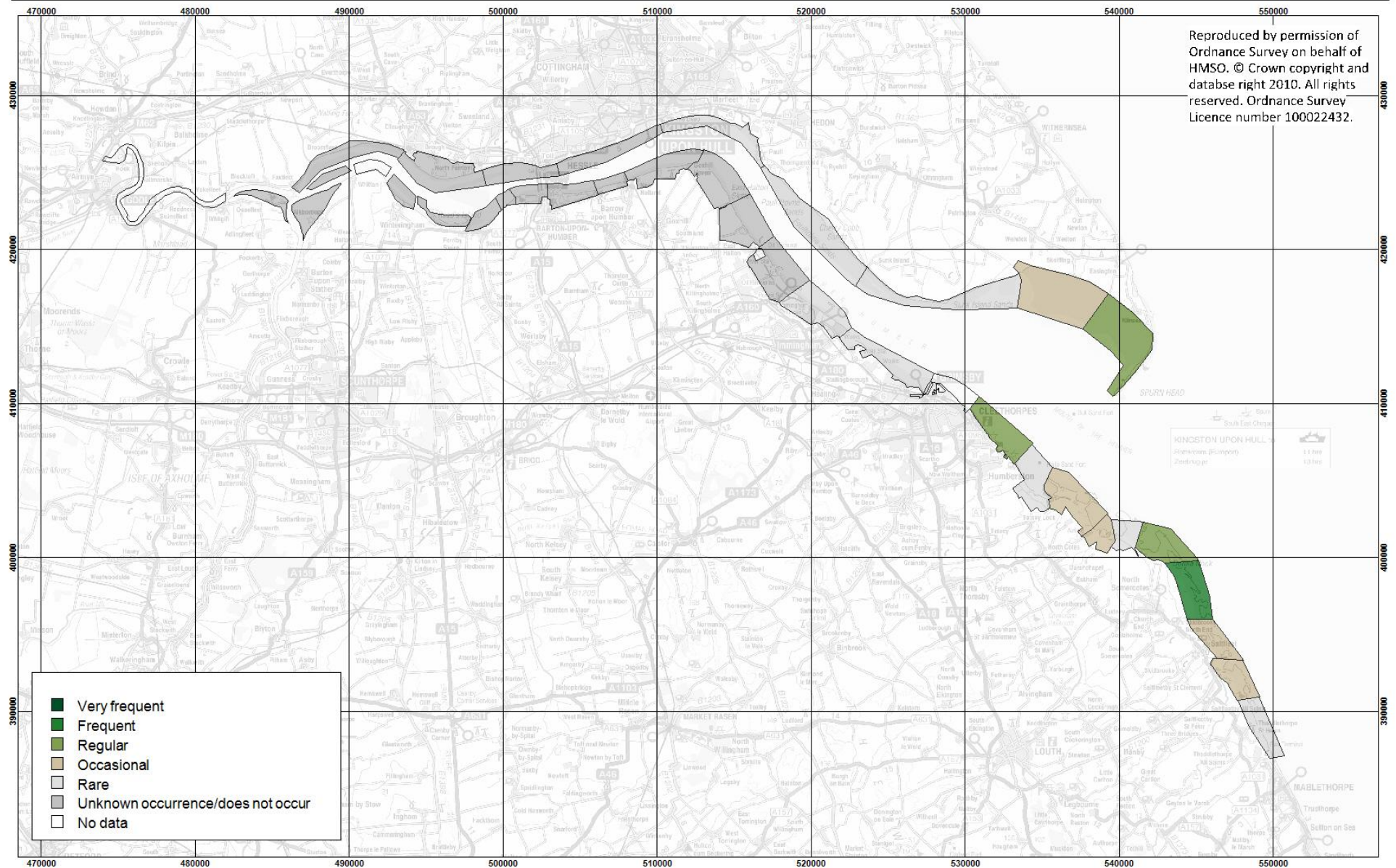


# Map 43: Questionnaire results: Mean frequency of motorised access and recreation in WeBS sectors



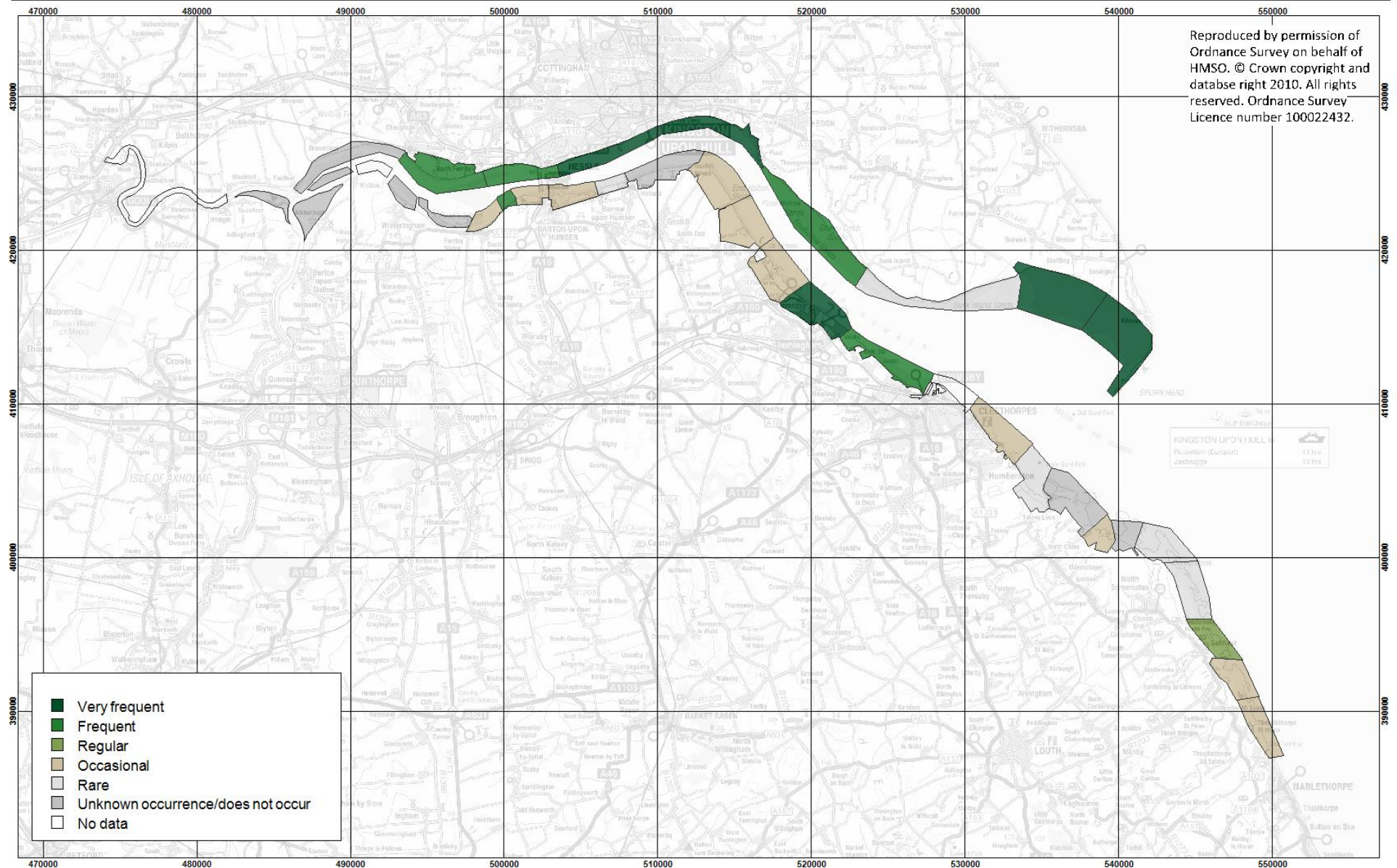


# Map 44: Questionnaire results: Mean frequency of samphire collection in WeBS sectors



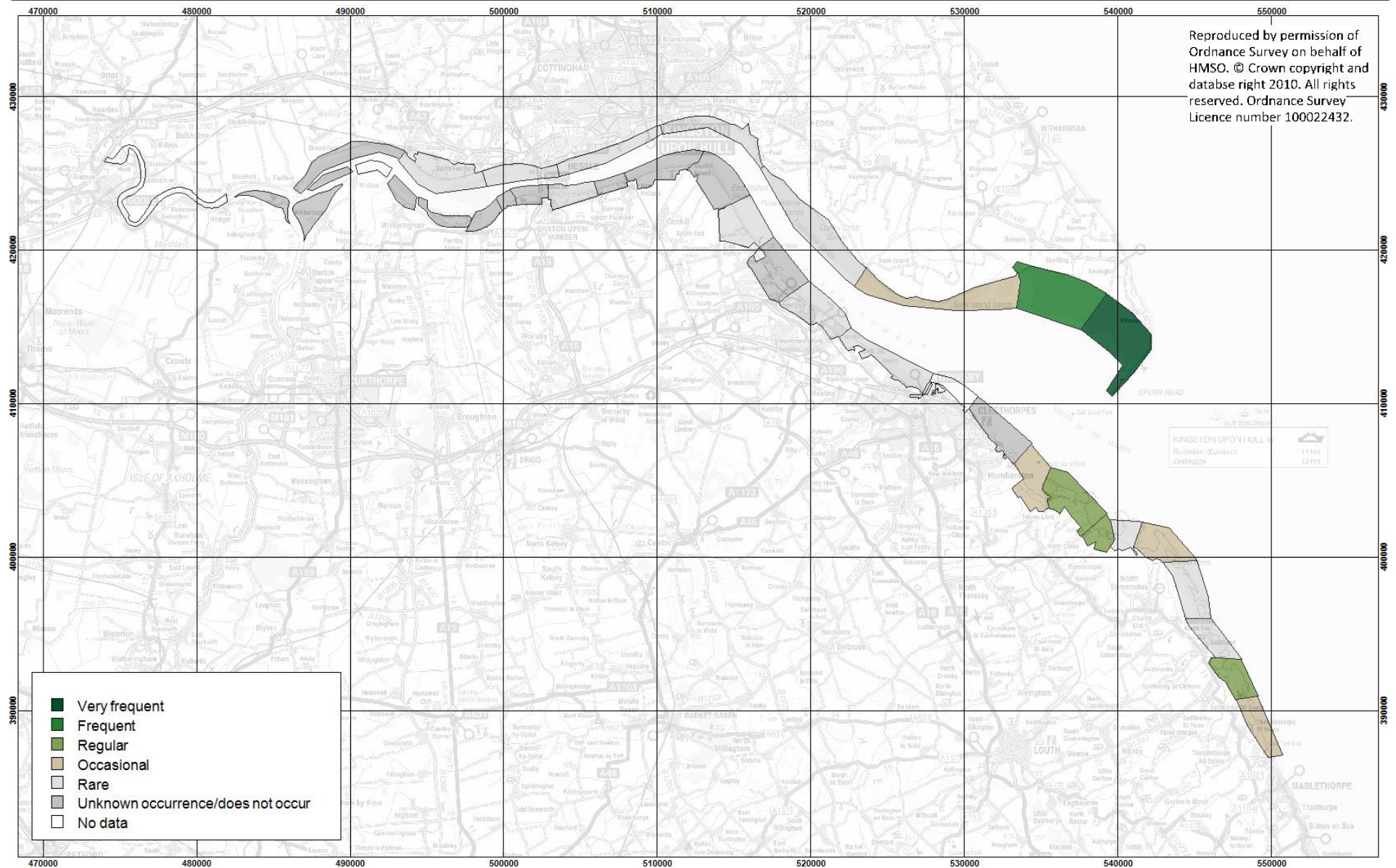


# Map 45: Questionnaire results: Mean frequency of angling in WeBS sectors



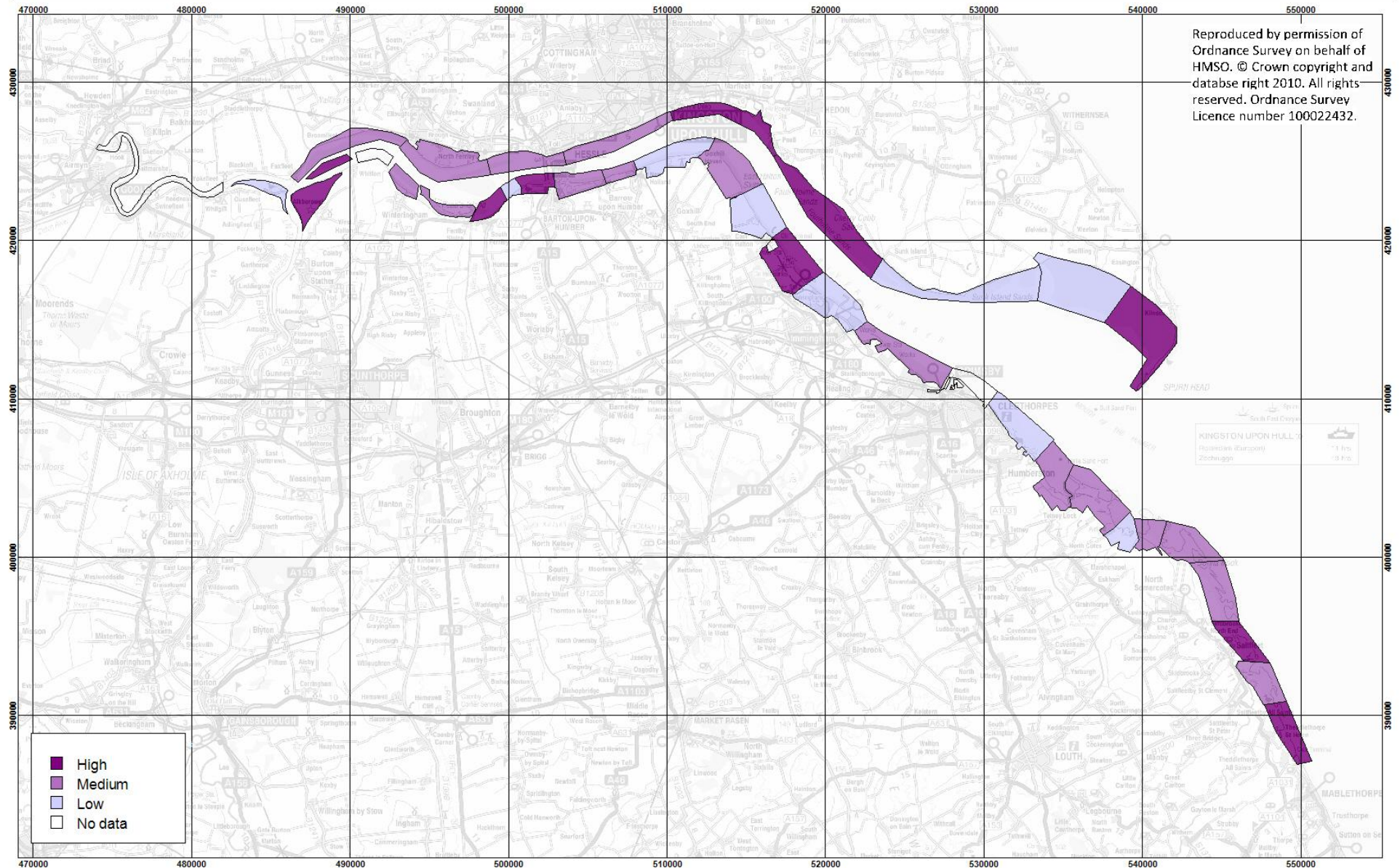


# Map 46: Questionnaire results: Mean frequency of bait digging in WeBS sectors



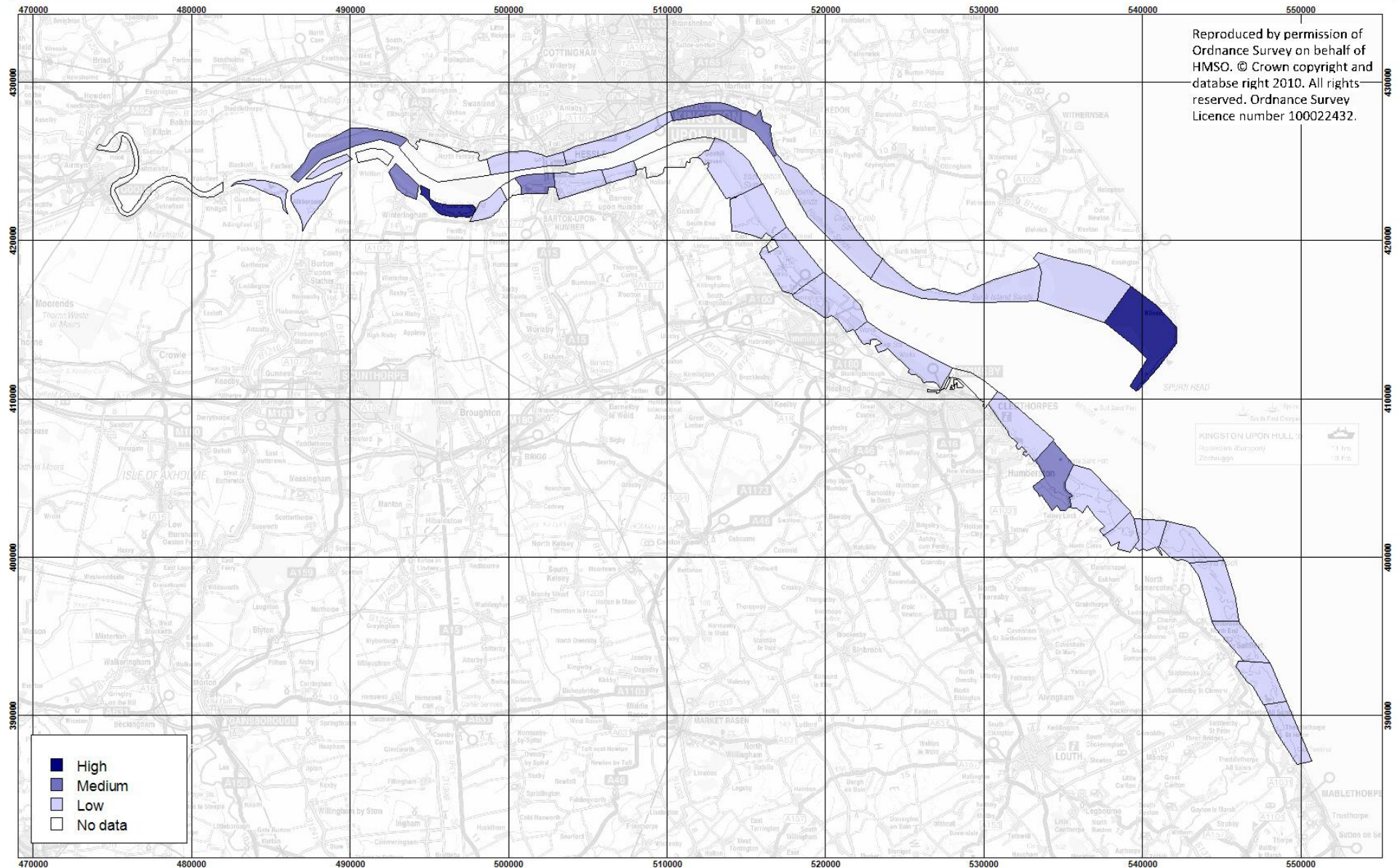


# Map 47: Questionnaire results: Frequency of water-based activities in WeBS sectors



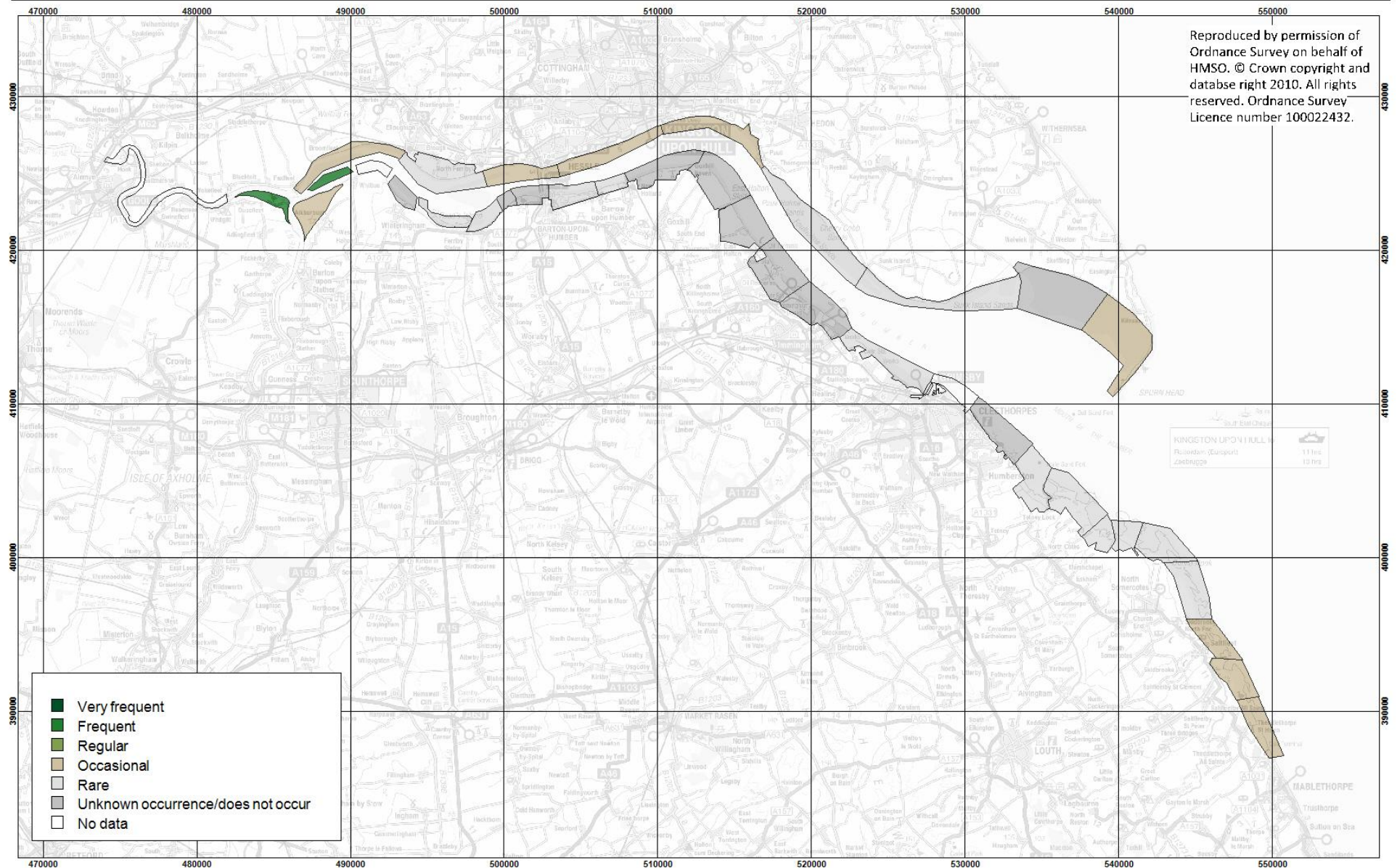


# Map 48: Questionnaire results: Level of disturbance from water-based activities in WeBS sectors



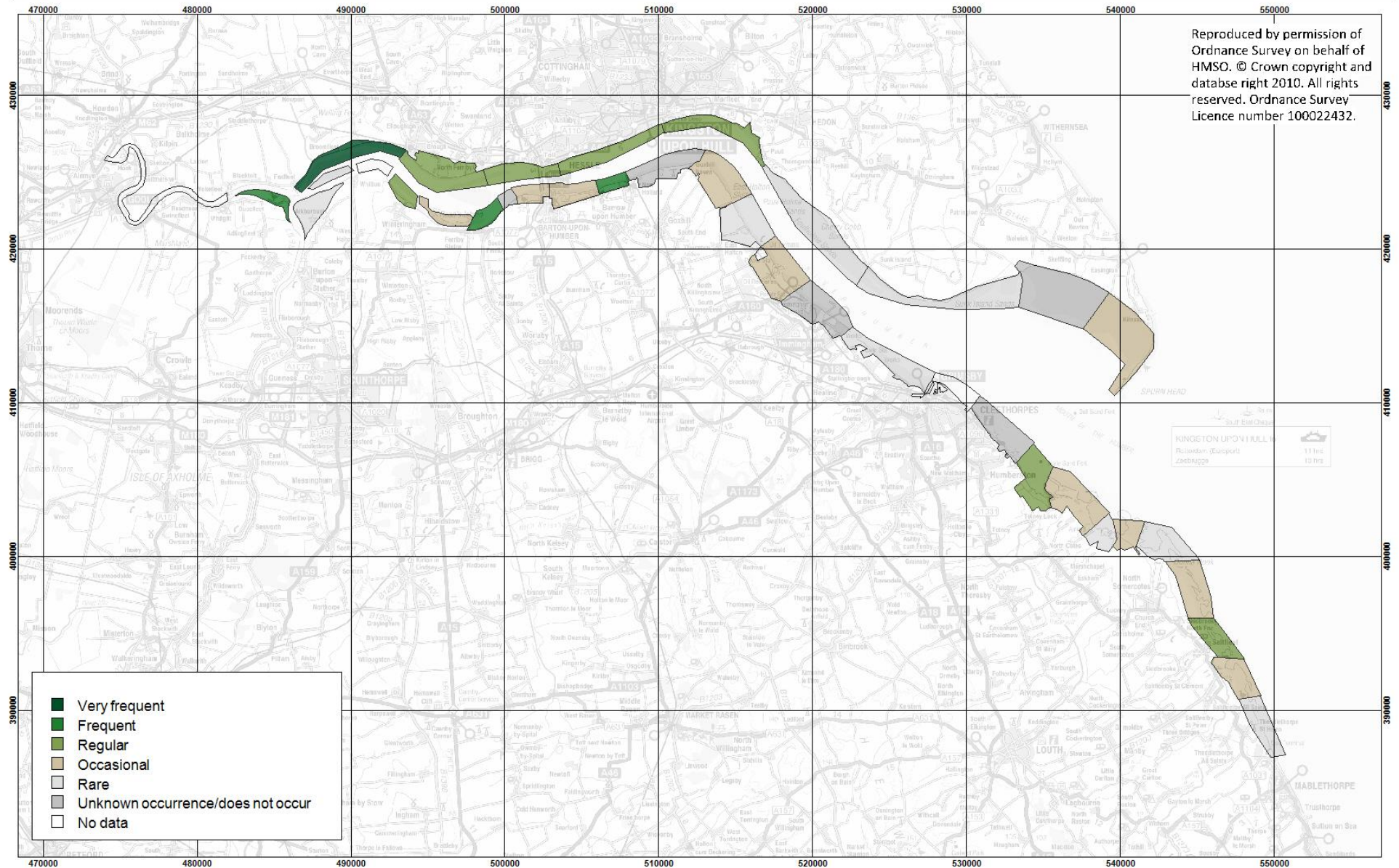


# Map 49: Questionnaire results: Mean frequency of motorised cruising & personal watercraft (jet skis) in WeBS sectors



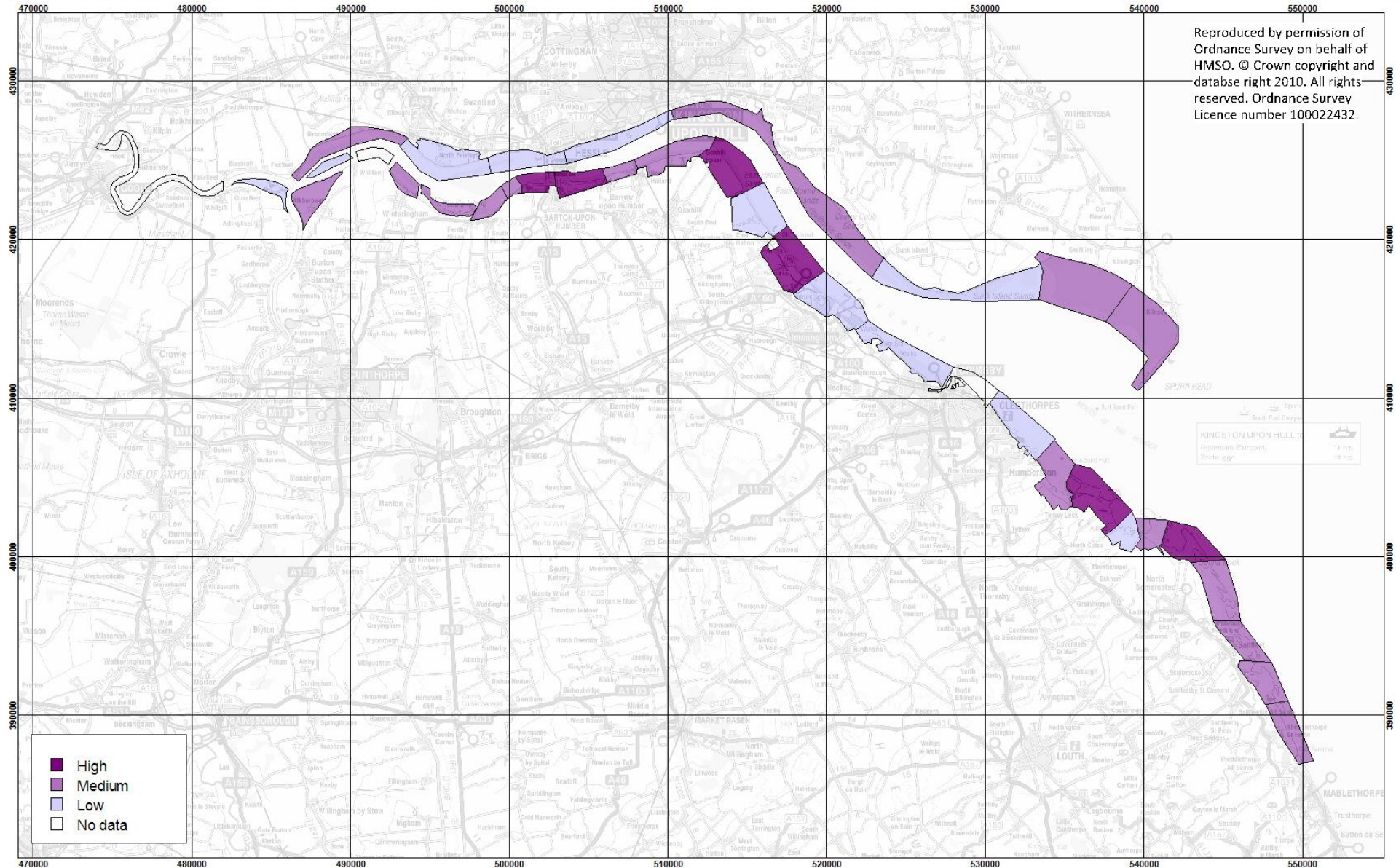


# Map 50: Questionnaire results: Mean frequency of yachting and sailing in WeBS sectors



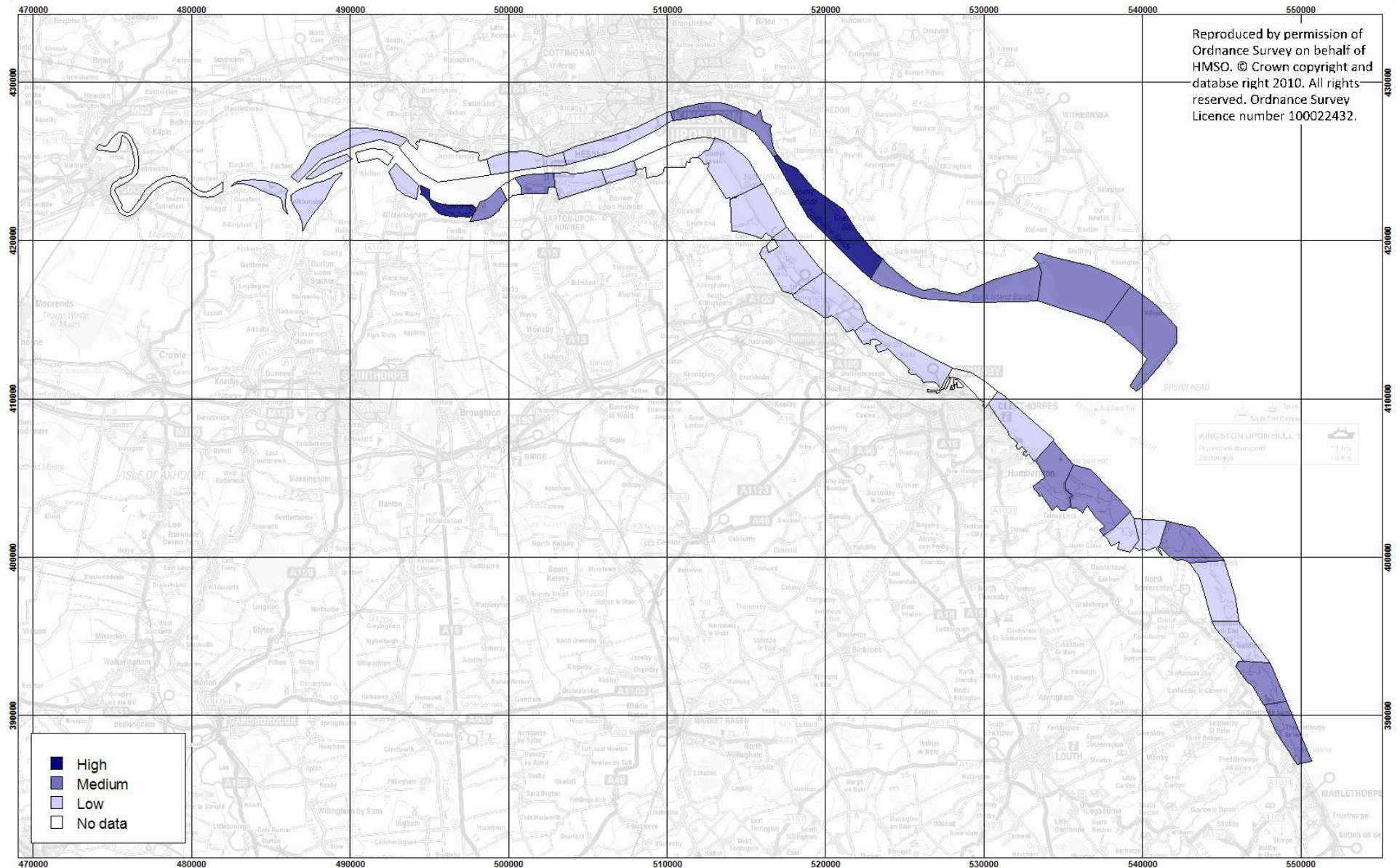


# Map 51: Questionnaire results: Frequency of airborne activities in WeBS sectors



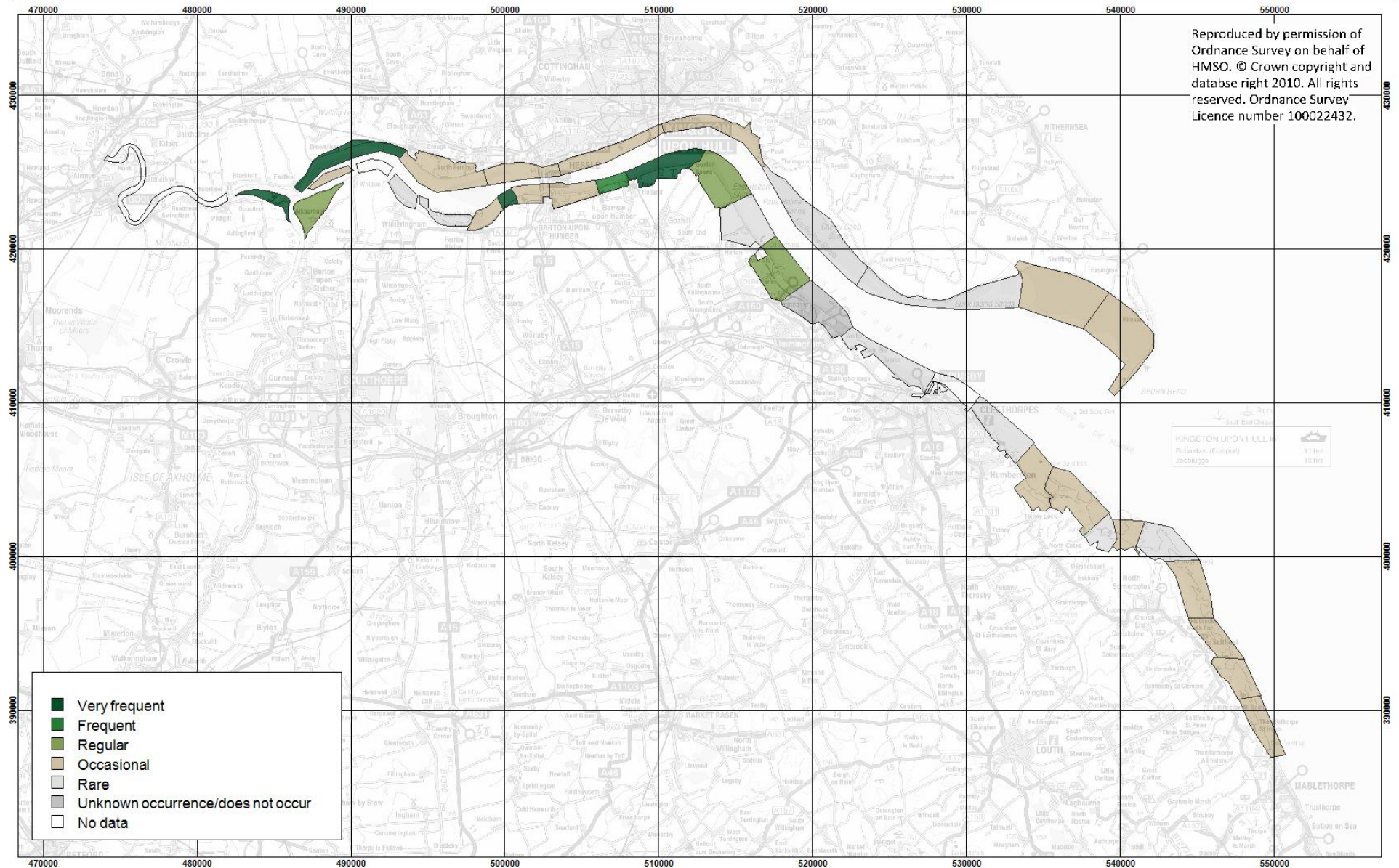


# Map 52: Questionnaire results: Level of disturbance from airborne activities in WeBS sectors





# Map 53: Questionnaire results: Mean frequency of pleasure aircraft (small planes) in WeBS sectors





# Map 54: Questionnaire results: Mean frequency of microlights, paragliders, parasailers in WeBS sectors

