

To2071j1

26 AUG 1993



Institute of
Terrestrial
Ecology



ITE has administrative headquarters north and south, and the geographical distribution of its 250 staff in six Research Stations throughout Britain allows efficient use of resources for regional studies and provides an understanding of local ecological and land use characteristics.

This report is an official document prepared under contract between the customer and the Natural Environment Research Council. It should not be quoted without the permission of both the Institute of Terrestrial Ecology and the customer.

ITE NORTH

Edinburgh Research Station
and ITE(N) Directorate
Bush Estate
Penicuik
Midlothian EH26 0QB
Tel: 031 445 4343; Telex 72579
Fax: 031 445 3943

Banchory Research Station
Hill of Brathens
Glassel
Banchory
Kincardineshire AB31 4BY
Tel: 033 02 3434
Fax: 033 02 3303

Merlewood Research Station
Grange-over-Sands
Cumbria LA11 6JU
Tel: 05395 32264; Telex 65102
Fax: 05395 34705

ITE SOUTH

Monks Wood
and ITE(S) Directorate
Abbots Ripton
Huntingdon
Cambs PE17 2LS
Tel: 048 73 381; Telex 32416
Fax: 048 73 467

Bangor Research Unit
University College of North Wales
Deiniol Road
Bangor
Gwynedd LL57 2UP
Tel: 0248 370045; Telex 61224
Fax: 0248 355365

Furzebrook Research Station
Wareham
Dorset BH20 5AS
Tel: 0929 551518
Fax: 0929 551087

The ITE Research Marketing Officers for ITE North and South are based at Banchory and Monks Wood, respectively.

**INSTITUTE OF TERRESTRIAL ECOLOGY
(NATURAL ENVIRONMENT RESEARCH COUNCIL)**

Project No T02071j1

**ITE Land Classification for the
county of Merseyside**

D C Howard and R G H Bunce

**Merlewood Research Station
Grange-over-Sands
Cumbria LA11 6JU**

August 1993



Land Use Research Group

ITE Land Classification for Merseyside

The following table holds the land class of each square in Merseyside. The format of the table is easting (a three digit number), northing (a three digit number) and land class (one or two digits). The data is ordered by easting as primary key and northing as secondary.

The grid reference follows the Ordnance Survey National Grid, using the numeric convention (Harley 1975). Should a grid reference be held in the alpha-numeric format it can be converted into numeric by removing the two letters and modifying the digits. Merseyside occupies part of two 100 kilometre (km) squares, SD and SJ. In terms of a 1 km grid, square SD starts with easting 300 and northing 400, and SJ with 300 and 300 respectively. Having removed the letters, the remaining digits can be split equally into two parts; the first part is the easting the second northing. The easting and northing equivalents are added to the digits to produce the final grid reference, eg SD1234 becomes 312 434 (SD is 300, 400 so 300+12 and 400+34). The six figure grid reference describes a complete 1 km square and on a large scale map (eg 1:50 000) it can be identified by reading the easting value off the horizontal axis and the northing off the vertical. The intersection of lines defines the south west (bottom left) corner of the square.

The ITE land Classification was produced in the late 1970's by multivariate analysis of a number of environmental factors (Bunce *et al.* 1981). It stratifies Great Britain into 32 different groups called land classes; every 1 km square in Great Britain has been allocated to it's land class. Three national surveys (the Countryside Surveys) have been performed to characterise the different land classes (Barr 1990), and the classification is being used to model the consequences of a variety of different changes (eg Bunce *et al.* 1992).

References

Barr, C.J. (1990) Mapping the changing face of Britain. Geographic magazine October 1990.

Bunce, R.G.H., Barr, C.J. and Whittaker, H.A. (1981) Land Classes in Great Britain: preliminary description for users of the method of land classification. Merlewood Research and Development paper no. 86. Institute of Terrestrial Ecology; Grange-over-Sands.

Bunce, R.G.H., Howard, D.C., Hallam, C.J., Barr, C.J. and Benefield, C.B. (1992). The ecological consequences of land use change. Report to the Department of the Environment.

Harley, J.B. (1975) Ordnance Survey Maps: a descriptive manual. Ordnance Survey: Southampton.

East	North	LC	East	North	LC	East	North	LC
318	387	8	326	386	13	329	387	13
318	388	8	326	387	13	329	388	13
319	386	8	326	388	13	329	389	13
319	387	8	326	389	13	329	390	13
320	386	8	326	390	13	329	391	13
320	387	8	326	391	8	329	392	13
320	388	8	326	392	8	329	393	14
320	389	8	326	406	8	329	394	8
321	385	8	326	407	8	329	400	8
321	386	14	326	408	5	329	401	8
321	387	13	327	380	13	329	402	8
321	388	13	327	381	13	329	403	8
321	389	8	327	382	13	329	404	8
321	390	13	327	383	13	329	405	13
322	384	8	327	384	13	329	406	13
322	385	14	327	385	13	329	407	13
322	386	13	327	386	13	329	408	13
322	387	13	327	387	13	329	409	13
322	388	13	327	388	13	329	410	13
322	389	14	327	389	13	329	411	8
322	390	8	327	390	13	329	412	8
323	383	8	327	391	13	329	413	8
323	384	13	327	392	8	330	379	13
323	385	13	327	393	8	330	380	13
323	386	13	327	404	8	330	381	13
323	387	13	327	405	8	330	382	13
323	388	13	327	406	13	330	383	13
323	389	13	327	407	8	330	384	13
323	390	8	327	408	8	330	385	13
323	391	8	327	409	8	330	386	13
324	382	13	327	410	8	330	387	13
324	383	13	328	381	13	330	388	13
324	384	13	328	382	13	330	389	13
324	385	13	328	383	13	330	390	13
324	386	13	328	384	13	330	391	13
324	387	13	328	385	13	330	392	13
324	388	13	328	386	13	330	393	13
324	389	13	328	387	13	330	394	8
324	390	13	328	388	13	330	398	8
324	391	8	328	389	13	330	399	14
325	379	8	328	390	13	330	400	14
325	380	8	328	391	13	330	401	13
325	381	14	328	392	13	330	402	13
325	382	13	328	393	8	330	403	13
325	383	13	328	403	8	330	404	13
325	384	13	328	404	8	330	405	13
325	385	13	328	405	13	330	406	13
325	386	13	328	406	13	330	407	13
325	387	13	328	407	13	330	408	13
325	388	13	328	408	13	330	409	13
325	389	13	328	409	13	330	410	13
325	390	13	328	410	8	330	411	13
325	391	8	328	411	8	330	412	13
326	379	8	329	380	13	330	413	8
326	380	8	329	381	13	330	414	8
326	381	13	329	382	13	330	415	8
326	382	13	329	383	13	331	378	13
326	383	13	329	384	13	331	379	13
326	384	13	329	385	13	331	380	13
326	385	13	329	386	13	331	381	13

East	North	LC	East	North	LC	East	North	LC
331	382	13	332	415	13	334	415	13
331	383	13	332	416	13	334	416	13
331	384	13	332	417	8	334	417	13
331	385	13	332	418	8	334	418	13
331	386	13	333	379	13	334	419	8
331	387	13	333	380	13	334	420	8
331	388	13	333	381	13	335	379	13
331	389	13	333	382	13	335	380	13
331	390	13	333	383	13	335	381	13
331	391	13	333	384	13	335	382	13
331	392	13	333	385	13	335	383	13
331	393	13	333	386	13	335	384	8
331	394	8	333	387	8	335	385	13
331	396	8	333	388	8	335	386	8
331	397	7	333	389	8	335	387	13
331	398	14	333	390	8	335	388	13
331	399	13	333	391	13	335	389	13
331	400	13	333	392	13	335	390	13
331	401	13	333	393	13	335	391	13
331	402	13	333	394	13	335	392	13
331	403	13	333	395	13	335	393	13
331	404	13	333	396	13	335	394	13
331	408	13	333	397	13	335	395	13
331	409	13	333	398	13	335	396	13
331	410	13	333	399	13	335	397	13
331	411	13	333	400	13	335	398	13
331	412	13	333	401	13	335	399	13
331	413	13	333	402	13	335	400	13
331	414	13	333	403	13	335	401	13
331	415	8	333	414	13	335	402	13
331	416	8	333	415	13	335	405	13
331	417	8	333	416	13	335	415	13
332	378	13	333	417	13	335	416	13
332	379	13	333	418	8	335	417	13
332	380	13	333	419	8	335	418	13
332	381	13	334	378	13	335	419	13
332	382	13	334	379	13	335	420	13
332	383	13	334	380	13	335	421	8
332	384	13	334	381	13	335	422	8
332	385	13	334	382	13	336	379	13
332	386	13	334	383	13	336	380	13
332	387	13	334	384	13	336	381	8
332	388	13	334	385	13	336	382	8
332	389	13	334	386	13	336	383	8
332	390	13	334	387	8	336	386	13
332	391	13	334	388	8	336	387	13
332	392	13	334	389	13	336	388	13
332	394	8	334	390	13	336	389	13
332	395	13	334	391	13	336	390	13
332	396	14	334	392	13	336	391	13
332	397	13	334	393	13	336	392	13
332	398	13	334	394	13	336	393	13
332	399	13	334	395	13	336	394	13
332	400	13	334	396	13	336	395	13
332	401	13	334	397	13	336	396	13
332	402	13	334	398	13	336	397	13
332	403	13	334	399	13	336	398	13
332	404	13	334	400	13	336	399	13
332	413	13	334	401	13	336	400	13
332	414	13	334	402	13	336	401	13

East	North	LC	East	North	LC	East	North	LC
336	402	13	339	385	13	342	381	8
336	403	13	339	386	13	342	382	13
336	404	13	339	387	13	342	383	13
336	405	13	339	388	13	342	384	13
336	416	13	339	389	13	342	385	13
336	417	13	339	390	13	342	386	13
336	418	13	339	391	13	342	387	13
336	419	13	339	392	13	342	388	13
336	420	13	339	393	13	342	389	13
336	421	8	339	394	13	342	390	13
336	422	8	339	395	13	342	391	13
337	379	13	339	396	13	342	392	13
337	380	13	339	397	13	342	393	13
337	381	8	339	398	13	342	394	13
337	385	8	339	399	13	342	395	13
337	386	13	339	400	13	342	396	13
337	387	13	339	401	13	342	397	13
337	388	13	339	402	13	342	398	13
337	389	13	340	382	8	342	399	13
337	390	13	340	383	14	342	400	13
337	391	13	340	384	13	342	401	13
337	392	13	340	385	13	343	381	14
337	393	13	340	386	13	343	382	13
337	394	13	340	387	13	343	383	13
337	395	13	340	388	13	343	384	13
337	396	13	340	389	13	343	385	13
337	397	13	340	390	13	343	386	13
337	398	13	340	391	13	343	387	13
337	399	13	340	392	13	343	388	13
337	400	13	340	393	13	343	389	13
337	401	13	340	394	13	343	390	13
337	402	13	340	395	13	343	391	13
337	403	13	340	396	13	343	392	13
337	404	13	340	397	13	343	393	13
337	418	13	340	398	13	343	394	13
337	419	13	340	399	13	343	395	13
337	420	8	340	400	13	343	396	13
338	379	13	340	401	13	343	397	13
338	384	8	340	402	13	343	398	13
338	385	13	341	382	13	343	399	13
338	386	13	341	383	13	343	400	13
338	387	13	341	384	13	343	401	13
338	388	13	341	385	13	344	381	14
338	389	13	341	386	13	344	382	13
338	390	13	341	387	13	344	383	13
338	391	13	341	388	13	344	384	13
338	392	13	341	389	13	344	385	13
338	393	13	341	390	13	344	386	13
338	394	13	341	391	13	344	387	13
338	395	13	341	392	13	344	388	13
338	396	13	341	393	13	344	389	13
338	397	13	341	394	13	344	390	13
338	398	13	341	395	13	344	391	13
338	399	13	341	396	13	344	392	15
338	400	13	341	397	13	344	393	13
338	401	13	341	398	13	344	394	13
338	402	13	341	399	13	344	395	13
338	403	13	341	400	13	344	396	13
339	383	8	341	401	13	344	397	13
339	384	13	341	402	13	344	398	13

East	North	LC	East	North	LC	East	North	LC
344	399	16	348	387	13	352	394	13
344	400	13	348	388	13	352	395	13
345	381	8	348	389	13	352	396	13
345	382	14	348	390	13	352	397	13
345	383	13	348	391	13	352	398	15
345	384	13	348	392	13	352	399	13
345	385	13	348	393	13	352	400	15
345	386	13	348	394	13	353	388	13
345	387	13	348	395	13	353	389	13
345	388	13	348	396	13	353	390	13
345	389	13	348	397	16	353	391	13
345	390	13	348	398	13	353	392	13
345	391	13	348	399	13	353	393	13
345	392	15	348	400	13	353	394	13
345	393	13	348	401	13	353	395	13
345	394	15	348	402	16	353	396	13
345	395	16	348	403	16	353	397	13
345	396	16	349	388	13	353	398	13
345	397	16	349	389	13	353	399	13
345	398	16	349	390	13	353	400	16
345	399	16	349	391	13	354	388	13
346	384	13	349	392	13	354	389	13
346	385	13	349	393	13	354	390	13
346	386	13	349	394	13	354	391	13
346	387	13	349	395	13	354	392	13
346	388	13	349	396	13	354	393	13
346	389	13	349	397	13	354	394	13
346	390	13	349	398	13	354	395	13
346	391	13	349	399	13	354	396	13
346	392	13	349	400	16	354	397	13
346	393	15	349	401	16	354	398	16
346	394	16	350	389	13	354	399	16
346	395	13	350	390	16	355	392	13
346	396	13	350	391	16	355	395	13
346	397	16	350	392	16	355	396	13
346	398	13	350	393	13	355	397	16
346	399	16	350	394	13	355	398	16
346	400	16	350	395	13	355	399	13
346	401	16	350	396	13	356	395	13
346	402	13	350	397	13	356	396	13
347	383	13	350	398	13	356	397	13
347	384	13	350	399	13	356	398	16
347	385	13	350	400	13	356	399	16
347	386	13	351	389	13	357	394	13
347	387	13	351	390	16	357	395	13
347	388	13	351	391	16	357	396	13
347	389	13	351	392	13	357	397	13
347	390	13	351	393	13	358	393	13
347	391	13	351	394	13	358	394	13
347	392	13	351	395	13	358	395	13
347	393	15	351	396	13	358	396	13
347	394	13	351	397	13	358	397	13
347	395	13	351	398	13	359	394	13
347	396	13	351	399	13	359	395	13
347	397	16	352	388	13	359	397	13
347	398	13	352	389	13	360	394	13
347	399	13	352	390	13	360	395	13
347	400	13	352	391	13	361	394	13
347	401	13	352	392	13			
347	402	13	352	393	13			



Library Service

To: **Chief Librarian**
ITE Merlewood

TFSDIS

Details of a new publication for addition to the ~~TFSDIS~~ database

1. Subproject number T
2. Author(s)
3. Date
4. Title
5. Has this publication been refereed? Yes / No

If 4 is title of a chapter, go to 8

If 4 is title of a contract report, go to 13

6. Journal
7. Vol. and page nos
8. Book title
9. Is 8 the proceedings of a conference or symposium? Yes/No
10. Editor(s)
11. Publisher
12. Page nos of chapter
13. Customer
14. Disclosure Please indicate category and sign statement overleaf

Please attach, or forward later, one reprint/photocopy of a publication or one copy of a contract report. A reprint/photocopy (of publication, not contract reports) should be given to your Station Librarian.

Library Service

A Must not be released: *STRICTLY CONFIDENTIAL*

B Must be referred to the customer for written approval

Contact name:

Address:

Telephone number:

C Must be referred to the author

D May be lent or photocopied without the need to seek approval

Signed:

D. Chinn

Date:

17/8/93