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The Latitudes and Longitudes
of the Six-Inch Sheet Maps of Ireland

by

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THE LATITUDES AND LONGITUDES OF THE SIX-INCH SHEET MAPS OF IRELAND

INTRODUCTION

A gravity survey of Ireland was begun in 1949 and after an interval of a few years is now being continued. For the necessary calculations, the height above mean sea level and the latitude of each gravity station is required; the height to at least a foot and the latitude to two seconds of arc. Furthermore, for record purposes the position of the station is usually given in geographical co-ordinates to one second of arc. The maps used during the field work are of necessity the six-inch sheet maps, 1 : 10560. These do not have any co-ordinate scales marked on them and the deduction of the geographical co-ordinates of a point, even of approximate values, is not a simple matter. Moreover, the geographical co-ordinates of the corners of the entire series of the six-inch sheet maps are not available and to the best of my knowledge they have never been determined.

To obtain the geographical co-ordinates of a point in Ireland the method has been direct calculation from the rectangular spheroidal co-ordinates in feet but this is much too lengthy a process for each gravity station and in addition this method is out of the question during the progress of the survey. In the work up to the present, *Memoir 2, Parts 2, 3 and 4*, the latitudes of the stations were obtained by two processes. One method was to transfer the positions of the stations onto a set of one-inch sheet maps and the geographical co-ordinates were then read off from the marginal scales with the help of a straight edge. This, while not very accurate, was sufficient for the purpose of the gravity survey but it has great disadvantages while on field work and necessitates carrying two sets of maps. The second method, used in *Part 4* only, was to obtain the co-ordinates by interpolation from the values of the four corners of the six-inch sheet containing the station. The latter co-ordinates had been obtained by a process of interpolation but the accuracy of these was not as high as was desirable and lead to misinterpretations of the positions of some of the stations. However, this last method of obtaining the geographical co-ordinates of a station was very convenient particularly on field work and it was decided to calculate the co-ordinates of the six-inch sheet corners of the maps which covered the survey area. Later, when it was found that these co-ordinates were of value to other interests, the computations were undertaken for the complete set of six-inch sheet maps of Ireland.

In *References* at the end there is listed all the books and manuscripts which were consulted in carrying out this work and certain abbreviations are used, particularly in the text; these should be obvious.

The problem was by no means straight forward and many conflicting and contradictory passages were encountered. Commandant P. G. MADDEN, B.E., Officer Commanding the Survey Company, Corps of Engineers, supplied me with most of the copies of the references mentioned pertaining to the work of the Ordnance Survey and helped explain the present knowledge of the older work.

No attempt has been made to enquire fully into the groundwork or the basis of the maps of the Ordnance Survey as I am not in a position to collect all the necessary information and hence this work should not be judged as in any way exhaustive.

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BRIEF DESCRIPTION OF THE SIX-INCH SHEET MAPS

A short account of the history of the mapping of Ireland on the six-inch scale is given in the publication of the Ordnance Survey "Tables for the Transverse Mercator Projection of Ireland" 1953. These "Tables for Ireland", being the latest publication, are taken to be the present day accepted opinion of the Ordnance Survey.

In "Tables for Ireland" paragraph 2.1 reads "The original six-inch map was plotted from a separate origin for each county on a CASSINI projection . . .". Although the word "original" is used here the statement still applies to all the present day six-inch maps.

The figure of the earth used for all the work of the Ordnance Surveys of Great Britain and Ireland is that of AIRY (cf. CLOSE 1933, page 36) and there is no intention to change from this. The constants for AIRY's figure are given on page V of Tables for Ireland. There is an error in the value given for e^2 . This should read 0.006 670 540 000 (confirmed by private communication from the Director General of the Ordnance Survey of Great Britain).

The size of each six-inch sheet is approximately 36 inches by 24 inches representing an area 32,000 feet from east to west by 21,000 feet from north to south. The unit foot is that of Bar O₁.

The layout and system of numbering of the six-inch sheets are given in the "Index to Six-inch Sheets" on a scale of ten miles to one inch published by the Ordnance Survey in 1937. The origins and the meridians for 19 counties are taken from a manuscript copy entitled "Calculation Sheet Book for One Inch Map". The data for the remainder are from photostat or handwritten copies taken from a manuscript entitled "Projection Data for 1-inch and 6-inch Sheets (All Counties)" kept at the Valuation and Ordnance Survey Division, Belfast. A few obvious mistakes, due to wrong copying, have been discovered in the former. The diagrams given for the six-inch sheets are, with the exception of County Derry, the same as those in the Index. Minor differences occur in the addition of a few sheets where the county boundaries were rearranged. The positions of the origins are given as distances in feet from the edges of the sheets which contain them. They are not published. They were obtained as copies from the Ordnance Survey.

NOTATION

φ	Latitude, positive north.
λ	Longitude, positive east.
φ_0, λ_0	Latitude and longitude of a county origin.
θ	County twist.
r	Radius of curvature at latitude φ perpendicular to a meridian.
ρ	Radius of curvature of a meridian at latitude φ .
m	Developed arc of meridian in feet from an arbitrary origin.
E, N	Rectangular spheroidal co-ordinates in feet, E positive to the east and N positive to the north.

CALCULATION OF THE LATITUDE AND LONGITUDE OF A POINT FROM RECTANGULAR SPHEROIDAL CO-ORDINATES

Methods for calculating the latitude and longitude of a point from its rectangular spheroidal co-ordinates are given in most published works of the Ordnance Survey listed in *References* if logarithmic geodetic tables are used but for an array of points such as the sheet corners a method employing logarithms would not be feasible. In the computations about to be described the equations used are those given by CLARK (Fourth Edition, 1951, p. 343) and Survey Computations (Second Edition, 1932, p. 110). An example is given in *Table 1*.

OF THE SIX-INCH SHEET MAPS OF IRELAND

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TABLE I

Computation of the Latitude and Longitude of Point A, Co. Cork on the
CASSINI-SOLDNER projection

Formulae :

$$\varphi_p = \varphi' - E^2 \tan \varphi' / 2 \rho v \sin i''$$

$$\lambda_p = \lambda_0 + E \sec \varphi' / v \sin i'' - E^3 \sec \varphi' \tan^2 \varphi' / 3 v^3 \sin i''$$

where $\varphi' = \varphi_0 + N$ (expressed in circular measure).

Origin	φ_0	52° 06' 34" 72
	λ_0	-8° 50' 20" 50
Co-ordinates of A	E	-284 002.3 feet
	N	+101 693.5 "
Meridional distance	m_0	1 134 792.6 "
	$m_0 + N$	1 236 486.1 "
Next lower m		1 234 697.9 "
Excess		1 788.2 "
m for i''		101.400 "
	φ'	52° 23' 17" 635
$\tan \varphi' / 2 \rho v \sin i''$		3.0524×10^{-10}
	E^2	8.065 731 $\times 10^{10}$
$\eta = E^2 \tan \varphi' / 2 \rho v \sin i''$		24" 620
	φ'	52° 23' 17" 635
Latitude of A	φ_p	52° 22' 53" 02
$\cos \varphi'$		0.610 310 32
$i/v \sin i''$		$9.837 292 \times 10^{-3}$
$\sec \varphi' / v \sin i''$		$1.611 858 \times 10^{-2}$
$E \sec \varphi' / v \sin i''$		-4 577" 714
		-1° 16' 17" 714
$\tan^2 \varphi' / 3 v^2$		1.2774×10^{-15}
$\sec \varphi' \tan^2 \varphi' / 3 v^3 \sin i''$		2.059×10^{-17}
	E^3	-2.291 $\times 10^{15}$
$E^3 \sec \varphi' \tan^2 \varphi' / 3 v^3 \sin i''$		-0" 472
	λ_0	-8° 50' 20" 50
Longitude of A	λ_p	-10° 6' 37" 74

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In the array of sheet corners of a county each row of corners has the same value of φ' and these are calculated first. Each column has the same value of E but different values for $\tan \varphi'/2\varrho r \sin i''$ which is the same for each row; hence a double entry table is made for $\eta = E^2 \tan \varphi'/2\varrho r \sin i''$. Before obtaining the latitudes, the effect of the county twist was allowed for. This correction was taken simply as $E\theta/\varrho \sin i''$ and is the same for a whole column. No county in Ireland is large enough for additional terms to be necessary.

For the longitudes, the term $\sec \varphi'/r \sin i''$ is the same for each row and another double entry table is made for $E \sec \varphi'/r \sin i''$. The second term namely, $E^3 \sec \varphi' \tan^2 \varphi'/3r^3 \sin i''$, is however necessary. As $\sec \varphi \tan^2 \varphi/3r^3 \sin i''$ varies from 2.0 to 2.7×10^{-17} for Ireland the second term reaches 0.05 when E is approximately 126,000 feet. As most counties are not as large as this only one evaluation of $\sec \varphi \tan^2 \varphi/3r^3 \sin i''$ was made for each county namely for φ_0 , the county origin. This necessitated a single value only to be computed for each column. For the large counties the second term had to be obtained from a double entry table but only for the larger values of E . Finally the county twist was allowed for in the simplified manner mentioned earlier. This took the form $N\theta/r \sin i'' \cos \varphi_0$. Additional terms are negligible.

The computations were carried out to three places of decimals of a second for checking purposes and then rounded off to two, see later.

For the above calculations by machines no Geodetic Tables are available and hence these had to be constructed. They were, in general, obtained from existing tables in the various References by converting from corresponding tables which are in metres or logarithms. They were checked by differences and by sample computations from the data for AIRY's figure of the earth taken from "Tables for Ireland".

The array of values of latitude and longitude for the sheet corners were tested for internal consistency by taking differences in columns and rows.

As an independent check it was intended to use the values for the four points A , B , C and D given for each county in the "Calculation Sheet Book". The longitudes agreed, with one or two exceptions probably due to transcription errors, to within 0.01 but the latitudes did not and it was obvious there was a systematic error. The maximum value for the differences was 0.21 for Cork Point C . An analysis showed that the systematic error in latitude could be expressed by

$$\text{Difference in latitude} = 1.2 \times E^2 N \times 10^{-10} \text{ seconds of arc} \quad \dots(1)$$

It was suspected that this arose from a different method of computation of the latitudes of A , B , C and D in the "Calculation Sheet Book". The actual computations in the latter are not available and it was not even possible to find out how they were done but for one or two counties some preliminary calculations have been made and these suggest the method used. A value is given for "log chord" which was obtained from the equation

$$\log \text{chord} = 1/2 \log (E^2 + N^2) \quad \dots(2)$$

and then a correction, always positive, applied "for arcs" which seems to have been obtained from

$$\log \text{arc} = \log \text{chord} + M \frac{\text{chord}^2}{24r^2} \quad \dots(3)$$

M being the modulus of BRIGG's logarithms and r being the mean radius of the earth. The details of equation 3 are given on page [86] of YOLLAND. The azimuth of the arc is then calculated from the azimuth of the "chord" by adding, what appears to be, one quarter the spherical excess of the triangle which includes the azimuth angle, the "chord" angle

being given by the expression $\tan^{-1} E/N$. The arc angle was then corrected for the county twist and by some "distance and azimuth" method the latitude and longitude of the points were computed. The latter process could be CLARKE's method (WOLFF, 1919, p. 17) or the longer more tedious method given by YOLLAND, 1947, p. [105].

It may be that this way was only an approximate one, though it is quite long and not easy, intended only for the production of the one-inch maps but the theoretical basis for it is very doubtful. Thus it is very unusual to use one quarter the spherical excess in any computation and using the term "chord" for $\sqrt{E^2 + N^2}$ is not correct.

If the distance and azimuth are computed by the method given by O'FARRELL (1880) on pages 9-12 and then CLARKE's method used, the resulting latitude is in complete agreement with the standard method that was employed in the present work. It is possible that the method used in the Calculation Sheet Book was found to be incorrect later as O'FARRELL on page 12 takes the trouble to point out "It may be useful to note that as the distance of two points on a plane surface, and on the maps is $\sqrt{(x' - x)^2 + (y' - y)^2}$, the third expression for $\log s$ (*Formula 8*) shows this to be generally less than the plan difference".

However, as the discrepancies in the latitudes are not great the values for *A*, *B*, *C* and *D* in the Calculation Sheet Book did serve as a check, in particular the allowance for the county twist, although they gave rise to very great trouble and wasted effort.

ACCURACY OF THE COMPUTED GEOGRAPHICAL CO-ORDINATES

The co-ordinates in feet of the corners of the sheet maps are known with an accuracy better than ten feet so that the calculated figures for latitude and longitude differences from the county origin are better than 0.1 second of arc of latitude and 0.17 second of longitude.

The geographical co-ordinates on the spheroid are only known to as great an accuracy as the co-ordinates of the county origin and the county twist. In order to deal with these two quantities some parts of the history of surveying in Ireland have to be investigated.

In the introduction to the "Tables for Ireland" the following statement is made, *Section 1.5*, "The adjustment of the triangulation was not published until 1858 so that the whole of the original six-inch survey of Ireland was based upon provisional, or unadjusted, values for the positions of the triangulation points". Of the early surveys very little of the original material, field work details or computations, is available as a considerable amount of it has been destroyed in accidents or as the result of enemy action in the last war. It is now not possible to find out how the "provisional values" were arrived at. From CLARKE (1858) it is obvious that the "provisional values" were very close to the "adjusted values", and it is probably for this reason that the original figures for the county origins have been retained to this day.

Each county was surveyed as a unit and when an adjustment was necessary no great difficulties would arise within the county. A small change in the geographical co-ordinates of the origin, if necessary, would only mean a translational movement of the county on the globe while a change of meridian incurs a rotation but additional effects such as distortion would be negligible within a county. However, when county maps have to be combined both changes are important at the junction. This situation arose in Ireland when the one-inch map was being constructed (private correspondence with the Ordnance Survey of Great Britain). There is no record of any change of the geographical co-ordinates of any county origin since only one list of these is available and I do not know how much of this is based on the original provisional values. On the other hand the meridians were altered

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in every county by a small angle which has come to be known as the "County Twist". This varies from $3^{\circ}02'$ for Galway to $48^{\circ}34'$ for Mayo with an average of 17° (see Table 2). In the cases of Carlow, Galway and Meath the meridian used for projection is to the east of true; in the remaining counties it is to the west.

It is almost certain that the "County Twist" was obtained from the adjustment of the Principal Triangulation, and the recent Primary Triangulation of Northern Ireland (completed in 1955) confirms this (private communication from K. M. PAPWORTH). As the changes in the meridians are very small and fairly well established the correction for the county twist used in the computations is sufficiently accurate.

The greatest source of error lies in the geographical co-ordinates of the county origins. These are all trigonometrical points. Five are Principal stations, five are secondary and the remaining twenty-two are tertiary. The Principal stations were adjusted by CLARKE in 1858 and hence those counties with these as origins can be fixed quite accurately on the globe. However at the time of the six-inch survey and when the one-inch map was being constructed the co-ordinates from the adjustment were apparently not known for all counties and only Down and Dublin have the adjusted co-ordinates. The other three Antrim, Waterford and Wexford have other, presumably the provisional, values.

In the early six-inch survey, circa 1830, there was little distinction between secondary and tertiary stations and these stations were connected rather simply into the Principal Triangulation. In the later survey, circa 1900, the secondary stations were never adjusted within themselves but were fitted into the primary network in some manner, the details of which no longer exist. The tertiary stations were then fitted to the secondary ones. The computations of the latter are available for most of Ireland but not of the secondary so that there is a crucial gap in knowledge between the county origins and the Principal Triangulation for all counties except the five already mentioned.

WOLFF in 1919 lists on pages 24-27 the geographical co-ordinates of a number of secondary stations and states "these values have been computed from the rectangular co-ordinates and are not, in themselves authoritative". It would seem that, even at this date, the details of the 1900 survey were not well known. The geographical co-ordinates in this list are given to three places of decimals of a second but in two-thirds of the figures the last place is zero both in the latitude and the longitude values. Whether the whole of this list is based on the Principal Triangulation or not I do not know. Four of these stations are the county origins of Cavan, Leitrim, Louth and Roscommon and the geographical co-ordinates given by WOLFF are equal to or within $0^{\circ}004$ of the values given in Table 2. As the latter dates from the 1830 survey it would seem as if the list given by WOLFF is not the result of the 1900 secondary triangulation in every case. It may be that those stations whose co-ordinates are given to three places of decimals are, while the remainder are not.

The only other county origin which is a secondary station is Wicklow and the geographical co-ordinates in Table 2 differ from those given by WOLFF.

There are then six counties namely Cavan, Down, Dublin, Leitrim, Louth and Roscommon whose origins have co-ordinates probably based on the adjusted Principal Triangulation.

Of the remaining county origins the three which are Principal Stations, those of Antrim, Waterford and Wexford, have co-ordinates which are not the adjusted values of CLARKE, presumably they are the provisional values. The differences are approximately $0^{\circ}8$ in latitude and $0^{\circ}7$ in longitude.

There is a manuscript copy in Belfast entitled "Latitudes and Longitudes of the Initial Points of Ireland" and marked in ink above some of the co-ordinates are additional figures.

It is thought that these later figures are the result of some computations based on the adjusted Principal Triangulation. If this is true then there are four more county origins whose geographical co-ordinates are based on the adjusted Principal Triangulation. These are Armagh, Mayo, Monaghan and Sligo. These ten counties are shown in *Figure 1* and lie in a strip across the country.

Referring again to the "corrections" on the manuscript "Latitudes and Longitudes of the Initial Points of Ireland" there are nine counties where there is a considerable difference in the figures. The differences have all the same sign and are approximately 0°6 in latitude and 0°7 in longitude. These are of the same order and sign as those for the three Principal Stations already mentioned. The counties are Derry, Donegal, Cork, Galway, Kerry, Kildare, Offaly, Tipperary and Wicklow. (Wicklow, already referred to, is included here for completeness).

The remaining county origins, thirteen in number, are most probably included in the latter class. Investigations are being carried out to measure the discrepancies across the boundaries of the various counties and, to date, the above statement is borne out.

To sum up, there are ten county origins whose geographical co-ordinates are based on the Principal Triangulation as adjusted by CLARKE and these as shown in *Figure 1*. The remaining twenty-two county origins are not in sympathy with these but probably with each other. They are displaced approximately 0°7 towards the south and 0°7 towards the west.



Figure 1. The counties shown dotted have geographical co-ordinates based on CLARKE's adjustment of the Principal Triangulation.

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There is probably sufficient data in existence for adjusting all the county origins so that they are all in harmony but some, the thirteen referred to above, would entail a considerable amount of investigation. This can only be undertaken by someone who is in a position to go through the manuscripts of the various surveys. It would be quite beyond the intentions of the present computations which were to obtain figures to one second of arc only. However, as the calculations had to be carried out to a higher accuracy than this, *Table 3* gives the geographical co-ordinates of the sheet corners to two places of decimals so that when the co-ordinates of the county origins are redetermined on a universal, coherent basis, a table of corrections can be constructed for each county and the final co-ordinates for the sheet corners rounded off to one place of decimals.

It is not suggested in *Table 3* that the second place of decimals has any significance concerning the accuracy of the position of a sheet corner. For gravity surveying the figures are amply sufficient and for other survey purposes they may be also. If the uncertainty of the county origins is allowed for, the figures are probably correct to a tenth of a second.

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TABLE 2

CONSTANTS FOR THE COUNTY ORIGINS USED IN THE COMPUTATIONS

COUNTY	Latitude North positive			Longitude West positive			Sheet	Co-ordinates of County Origin in Feet			County Twist
	°	'	"	°	'	"					
Antrim	55	09	42.69	6	15	00.71	8	31 400	5 160	11.90	"
Armagh	54	21	10.53	6	38	55.82	12	17 000	10 000	18.76	
Carlow	52	37	03.47	6	46	46.96	23	14 600	20 800	16.41*	
Cavan	53	59	37.21	7	21	35.31	20	24 400	3 000	13.27	
Clare	52	50	44.07	8	58	51.44	33	27 200	9 200	10.19	
Cork	52	06	34.72	8	50	20.50	31	28 000	3 300	4.69	
Derry	55	06	49.03	6	54	56.53	6	1 700	8 700	15.62	
Donegal	54	57	02.84	7	44	18.53	53	13 000	5 600	14.48	
Down	54	10	48.28	5	55	12.05	49	18 200	4 300	18.10	
Dublin	53	23	13.00	6	20	17.51	14	4 300	3 600	28.80	
Fermanagh	54	22	12.97	7	39	19.45	22	4 200	15 180	17.99	
Galway	53	16	20.49	9	03	11.60	94	11 500	17 600	3.02*	
Kerry	52	16	13.61	9	42	11.99	29	13 200	5 800	3.11	
Kildare	53	09	27.68	6	54	41.86	22	23 600	5 400	17.73	
Kilkenny	52	39	04.41	7	15	07.00	19	20 400	11 500	17.59	
Leitrim	53	56	48.43	8	05	37.74	31	11 000	16 000	26.82	
Leix	53	02	01.31	7	18	10.24	13	8 000	7 000	4.69	
Limerick	52	39	27.61	8	37	40.72	5	15 500	4 600	4.34	
Longford	53	43	51.35	7	47	57.85	13	28 000	14 800	14.03	
Louth	54	00	29.73	6	24	03.43	7	12 100	11 900	24.00	
Mayo	53	51	15.07	9	17	58.72	78	22 900	14 800	48.34	
Meath	53	33	06.13	6	47	35.17	36	22 100	13 100	32.82*	
Monaghan	54	14	53.06	6	58	07.38	9	22 000	7 000	26.81	
Offaly	53	16	17.64	7	28	50.91	17	9 000	9 500	24.49	
Roscommon	53	37	43.73	8	11	24.87	39	26 800	9 000	30.27	
Sligo	54	10	30.17	8	27	24.93	26	29 000	17 200	30.48	
Tipperary	52	30	53.48	7	53	06.71	61	3 000	10 500	9.47	
Tyrone	54	40	26.38	7	12	31.47	26	23 900	14 400	19.63	
Waterford	52	17	18.46	7	34	53.71	6	17 100	15 800	15.85	
Westmeath	53	31	27.91	7	20	20.88	19	11 000	6 300	7.22	
Wexford	52	18	56.00	6	33	42.37	42	6 200	17 800	5.19	
Wicklow	52	57	59.94	6	27	50.23	28	23 400	20 950	16.40	

Note 1.—The co-ordinates of the county origin in feet are measured from the western and southern edges of the sheets which contain them.

Note 2.—The county twist is the angle between the meridian of projection and the true meridian. For those counties marked with an * (asterisk) the meridian used for projection is to the east of true; for all the others it is to the west.

TABLE 3

THE LATITUDES AND LONGITUDES OF THE CORNERS OF THE SIX-INCH
SHEET MAPS OF IRELAND

	LATITUDE NORTH		LONGITUDE WEST	
Sheet No.	Northwest corner	Northeast corner	Northwest corner	Northeast corner
	Southwest corner	Southeast corner	Southwest corner	Southeast corner
1				
2				
3				
4				
5				
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8				
9				
10				
11				
12				
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Antrim

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
1	55 18 46.91	55 18 46.82		6 18 17.79	6 09 04.73	
	55 15 19.91	55 15 19.82		6 18 17.49	6 09 05.23	
2	55 15 42.69	55 15 44.43		6 42 27.45	6 33 15.11	
	55 12 15.70	55 12 17.43		6 42 25.06	6 33 13.51	
3	55 15 44.43	55 15 45.48		6 33 15.11	6 24 02.75	
	55 12 17.43	55 12 18.48		6 33 13.51	6 24 01.95	
4	55 15 45.48	55 15 45.83		6 24 02.75	6 14 50.39	
	55 12 18.48	55 12 18.83		6 24 01.95	6 14 50.38	
5	55 15 45.83	55 15 45.49		6 14 50.39	6 05 38.03	
	55 12 18.83	55 12 18.49		6 14 50.38	6 05 38.82	
6	55 12 15.70	55 12 17.43		6 42 25.06	6 33 13.51	
	55 08 48.70	55 08 50.43		6 42 22.67	6 33 11.91	
7	55 12 17.43	55 12 18.48		6 33 13.51	6 24 01.95	
	55 08 50.43	55 08 51.48		6 33 11.91	6 24 01.15	
8	55 12 18.48	55 12 18.83		6 24 01.95	6 14 50.38	
	55 08 51.48	55 08 51.83		6 24 01.15	6 14 50.38	
9	55 12 18.83	55 12 18.49		6 14 50.38	6 05 38.82	
	55 08 51.83	55 08 51.49		6 14 50.38	6 05 39.61	
10	55 12 18.49	55 12 17.46		6 05 38.82	5 56 27.26	
	55 08 51.49	55 08 50.46		6 05 39.61	5 56 28.84	
11	55 08 48.70	55 08 50.43		6 42 22.67	6 33 11.91	
	55 05 21.70	55 05 23.43		6 42 20.29	6 33 10.33	
12	55 08 50.43	55 08 51.48		6 33 11.91	6 24 01.15	
	55 05 23.43	55 05 24.47		6 33 10.33	6 24 00.35	
13	55 08 51.48	55 08 51.83		6 24 01.15	6 14 50.38	
	55 05 24.47	55 05 24.82		6 24 00.35	6 14 50.37	
14	55 08 51.83	55 08 51.49		6 14 50.38	6 05 39.61	
	55 05 24.82	55 05 24.48		6 14 50.37	6 05 40.30	
15	55 08 51.49	55 08 50.46		6 05 39.61	5 56 28.84	
	55 05 24.48	55 05 23.45		6 05 40.39	5 56 30.42	
16	55 05 21.70	55 05 23.43		6 42 20.29	6 33 10.33	
	55 01 54.70	55 01 56.43		6 42 17.92	6 33 08.74	
17	55 05 23.43	55 05 24.47		6 33 10.33	6 24 00.35	
	55 01 56.43	55 01 57.46		6 33 08.74	6 23 59.56	
18	55 05 24.47	55 05 24.82		6 24 00.35	6 14 50.37	
	55 01 57.46	55 01 57.81		6 23 59.56	6 14 50.37	

Antrim

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
19	55 05 24.82	55 05 24.48		6 14 50.37	6 05 40.39	
	55 01 57.81	55 01 57.48		6 14 50.37	6 05 41.17	
20	55 05 24.48	55 05 23.45		6 05 40.39	5 56 30.42	
	55 01 57.48	55 01 56.45		6 05 41.17	5 56 31.99	
21	55 01 54.70	55 01 56.43		6 42 17.92	6 33 08.74	
	54 58 27.70	54 58 29.42		6 42 15.56	6 33 07.17	
22	55 01 56.43	55 01 57.46		6 33 08.74	6 23 59.56	
	54 58 29.42	54 58 30.45		6 33 07.17	6 23 58.77	
23	55 01 57.46	55 01 57.81		6 23 59.56	6 14 50.37	
	54 58 30.45	54 58 30.80		6 23 58.77	6 14 50.36	
24	55 01 57.81	55 01 57.48		6 14 50.37	6 05 41.17	
	54 58 30.80	54 58 30.47		6 14 50.36	6 05 41.95	
25	55 01 57.48	55 01 56.45		6 05 41.17	5 56 31.99	
	54.58 30.47	54 58 29.44		6 05 41.95	5 56 33.55	
26	54 58 29.42	54 58 30.45		6 33 07.17	6 23 58.77	
	54 55 02.41	54 55 03.44		6 33 05.60	6 23 57.98	
27	54 58 30.45	54 58 30.80		6 23 58.77	6 14 50.36	
	54 55 03.44	54 55 03.79		6 23 57.98	6 14 50.35	
28	54 58 30.80	54 58 30.47		6 14 50.36	6 05 41.95	
	54 55 03.79	54 55 03.46		6 14 50.35	6 05 42.73	
29	54 58 30.47	54 58 29.44		6 05 41.95	5 56 33.55	
	54 55 03.46	54 55 02.43		6 05 42.73	5 56 35.11	
30	54 58 29.44	54 58 27.73		5 56 33.55	5 47 25.16	
	54 55 02.43	54 55 00.72		5 56 35.11	5 47 27.50	
31	54 55 02.41	54 55 03.44		6 33 05.60	6 23 57.98	
	54 51 35.40	54 51 36.43		6 33 04.03	6 23 57.19	
32	54 55 03.44	54 55 03.79		6 23 57.98	6 14 50.35	
	54 51 36.43	54 51 36.78		6 23 57.19	6 14 50.35	
33	54 55 03.79	54 55 03.46		6 14 50.35	6 05 42.73	
	54 51 36.78	54 51 36.44		6 14 50.35	6 05 43.50	
34	54 55 03.46	54 55 02.43		6 05 42.73	5 56 35.11	
	54 51 36.44	54 51 35.42		6 05 43.50	5 56 36.66	
35	54 55 02.43	54 55 00.72		5 56 35.11	5 47 27.50	
	54 51 35.42	54 51 33.72		5 56 36.66	5 47 29.83	
36	54 55 03.46	54 55 00.72		6 33 04.03	6 23 57.19	
	54 48 08.39	54 48 09.42		6 33 02.47	6 23 56.41	

Antrim

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
37	54	51	36.43	54	51	36.78	6	23	57.19
	54	48	09.42	54	48	09.76	6	23	56.41
38	54	51	36.78	54	51	36.44	6	14	50.35
	54	48	09.76	54	48	09.43	6	14	50.34
39	54	51	36.44	54	51	35.42	6	05	43.50
	54	48	09.43	54	48	08.41	6	05	44.27
40	54	51	35.42	54	51	33.72	5	56	36.66
	54	48	08.41	54	48	06.71	5	56	38.21
41	54	51	33.72	54	51	31.33	5	47	29.83
	54	48	06.71	54	48	04.33	5	47	32.16
42	54	48	08.39	54	48	09.42	6	33	02.47
	54	44	41.37	54	44	42.40	6	33	00.92
43	54	48	09.42	54	48	09.76	6	23	56.41
	54	44	42.40	54	44	42.75	6	23	55.63
44	54	48	09.76	54	48	09.43	6	14	50.34
	54	44	42.75	54	44	42.41	6	14	50.34
45	54	48	09.43	54	48	08.41	6	05	44.27
	54	44	42.41	54	44	41.40	6	05	45.04
46	54	48	08.41	54	48	06.71	5	56	38.21
	54	44	41.40	54	44	39.70	5	56	39.75
47	54	48	06.71	54	48	04.33	5	47	32.16
	54	44	39.70	54	44	37.32	5	47	34.47
48	54	44	41.37	54	44	42.40	6	33	00.92
	54	41	14.36	54	41	15.38	6	32	59.37
49	54	44	42.40	54	44	42.75	6	23	55.63
	54	41	15.38	54	41	15.73	6	23	54.85
50	54	44	42.75	54	44	42.41	6	14	50.34
	54	41	15.73	54	41	15.39	6	14	50.33
51	54	44	42.41	54	44	41.40	6	05	45.04
	54	41	15.39	54	41	14.38	5	56	39.75
52	54	44	41.40	54	44	39.70	5	56	39.75
	54	41	14.38	54	41	12.69	5	47	34.47
53	54	44	39.70	54	44	37.32	5	47	34.47
	54	41	12.69	54	41	10.31	5	47	36.78
54	54	41	15.38	54	41	15.73	6	23	54.85
	54	37	48.36	54	37	48.71	6	23	54.08

Antrim

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
55	54	41	15.73	54	41	15.39	6	14	50.33
	54	37	48.71	54	37	48.37	6	14	50.32
56	54	41	15.39	54	41	14.38	6	05	45.81
	54	37	48.37	54	37	47.36	5	56	41.29
57	54	41	14.38	54	41	12.69	5	56	41.29
	54	37	47.36	54	37	45.67	5	56	42.82
58	54	37	48.36	54	37	48.71	6	23	54.08
	54	34	21.34	54	34	21.68	6	23	53.30
59	54	37	48.71	54	37	48.37	6	14	50.32
	54	34	21.68	54	34	21.35	6	05	47.33
60	54	37	48.37	54	37	47.36	6	05	46.57
	54	34	21.35	54	34	20.34	5	56	44.34
61	54	37	47.36	54	37	45.67	5	47	39.08
	54	34	20.34	54	34	18.66	5	44	34.37
62	54	34	21.34	54	34	21.68	6	23	53.30
	54	30	54.32	54	30	54.66	6	23	52.53
63	54	34	21.68	54	34	21.35	6	14	50.32
	54	30	54.66	54	30	54.33	6	05	48.08
64	54	34	21.35	54	34	20.34	6	05	47.33
	54	30	54.33	54	30	53.32	5	56	45.86
65	54	34	20.34	54	34	18.66	5	56	44.34
	54	30	53.32	54	30	51.64	5	47	41.37
66	54	30	54.32	54	30	54.66	6	23	52.53
	54	27	27.29	54	27	27.63	6	23	51.77
67	54	30	54.66	54	30	54.33	6	14	50.31
	54	27	27.63	54	27	27.30	6	14	50.30
68	54	30	54.33	54	30	53.32	6	05	48.08
	54	27	27.30	54	27	26.30	6	05	48.84

Armagh

I	54	33	19.95	54	33	20.00	6	43	44.28
	54	29	52.92	54	29	52.97	6	43	43.84
2	54	33	20.00	54	33	19.37	6	34	41.51
	54	29	52.97	54	29	52.35	6	34	41.84
3	54	33	19.37	54	33	18.07	6	25	38.75
	54	29	52.35	54	29	51.05	6	25	39.84
							6	16	37.85

Armagh

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
4	54 29 52.92	54 29 52.97		6 43 43.84	6 34 41.84				
	54 26 25.90	54 26 25.94		6 43 43.40	6 34 42.16				
5	54 29 52.97	54 29 52.35		6 34 41.84	6 25 39.84				
	54 26 25.94	54 26 25.32		6 34 42.16	6 25 40.92				
6	54 29 52.35	54 29 51.05		6 25 39.84	6 16 37.85				
	54 26 25.32	54 26 24.02		6 25 40.92	6 16 39.69				
7	54 26 25.17	54 26 25.90		6 52 44.64	6 43 43.40				
	54 22 58.14	54 22 58.87		6 52 43.45	6 43 42.97				
8	54 26 25.90	54 26 25.94		6 43 43.40	6 34 42.16				
	54 22 58.87	54 22 58.91		6 43 42.97	6 34 42.49				
9	54 26 25.94	54 26 25.32		6 34 42.16	6 25 40.92				
	54 22 58.91	54 22 58.29		6 34 42.49	6 25 42.00				
10	54 26 25.32	54 26 24.02		6 25 40.92	6 16 39.69				
	54 22 58.29	54 22 57.00		6 25 42.00	6 16 41.53				
11	54 22 58.14	54 22 58.87		6 52 43.45	6 43 42.97				
	54 19 31.11	54 19 31.83		6 52 42.26	6 43 42.54				
12	54 22 58.87	54 22 58.91		6 43 42.97	6 34 42.49				
	54 19 31.83	54 19 31.88		6 43 42.54	6 34 42.81				
13	54 22 58.91	54 22 58.29		6 34 42.49	6 25 42.00				
	54 19 31.88	54 19 31.26		6 34 42.81	6 25 43.08				
14	54 22 58.29	54 22 57.00		6 25 42.00	6 16 41.53				
	54 19 31.26	54 19 29.97		6 25 43.08	6 16 43.36				
15	54 19 31.11	54 19 31.83		6 52 42.26	6 43 42.54				
	54 16 04.08	54 16 04.80		6 52 41.08	6 43 42.10				
16	54 19 31.83	54 19 31.88		6 43 42.54	6 34 42.81				
	54 16 04.80	54 16 04.85		6 43 42.10	6 34 43.13				
17	54 19 31.88	54 19 31.26		6 34 42.81	6 25 43.08				
	54 16 04.85	54 16 04.23		6 34 43.13	6 25 44.15				
18	54 19 31.26	54 19 29.97		6 25 43.08	6 16 43.36				
	54 16 04.23	54 16 02.94		6 25 44.15	6 16 45.18				
19	54 16 04.08	54 16 04.80		6 52 41.08	6 43 42.10				
	54 12 37.05	54 12 37.77		6 52 39.90	6 43 41.67				
20	54 16 04.80	54 16 04.85		6 43 42.10	6 34 43.13				
	54 12 37.77	54 12 37.82		6 43 41.67	6 34 43.45				
21	54 16 04.85	54 16 04.23		6 34 43.13	6 25 44.15				
	54 12 37.82	54 12 37.20		6 34 43.45	6 25 45.22				

Armagh

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
22	54 16 04.23	54 16 02.94		6 25 44.15	6 16 45.18				
	54 12 37.20	54 12 35.91		6 25 45.22	6 16 47.00				
23	54 12 37.05	54 12 37.77		6 52 39.90	6 43 41.67				
	54 09 10.01	54 09 10.73		6 52 38.73	6 43 41.25				
24	54 12 37.77	54 12 37.82		6 43 41.67	6 34 43.45				
	54 09 10.73	54 09 10.78		6 43 41.25	6 34 43.76				
25	54 12 37.82	54 12 37.20		6 34 43.45	6 25 45.22				
	54 09 10.78	54 09 10.16		6 34 43.76	6 25 46.28				
26	54 12 37.20	54 12 35.91		6 25 45.22	6 16 47.00				
	54 09 10.16	54 09 08.88		6 25 46.28	6 16 48.81				
27	54 09 10.73	54 09 10.78		6 43 41.25	6 34 43.76				
	54 05 43.69	54 05 43.74		6 43 40.82	6 34 44.08				
28	54 09 10.78	54 09 10.16		6 34 43.76	6 25 46.28				
	54 05 43.74	54 05 43.12		6 34 44.08	6 25 47.34				
29	54 09 10.16	54 09 08.88		6 25 46.28	6 16 48.81				
	54 05 43.12	54 05 41.84		6 25 47.34	6 16 50.61				
30	54 05 43.69	54 05 43.74		6 43 40.82	6 34 44.08				
	54 02 16.65	54 02 16.70		6 43 40.39	6 34 44.39				
31	54 05 43.74	54 05 43.12		6 34 44.08	6 25 47.34				
	54 02 16.70	54 02 16.08		6 34 44.39	6 25 48.40				
32	54 05 43.12	54 05 41.84		6 25 47.34	6 16 50.61				
	54 02 16.08	54 02 14.81		6 25 48.40	6 16 52.41				

Carlow

I	52 57 47.90	52 57 47.85	6 50 45.24	6 42 02.63
	52 54 20.82	52 54 20.77	6 50 44.95	6 42 03.03
2	52 54 20.24	52 54 20.82	6 59 26.87	6 50 44.95
	52 50 53.16	52 50 53.74	6 59 25.89	6 50 44.66
3	52 54 20.82	52 54 20.77	6 50 44.95	6 42 03.43
	52 50 53.74	52 50 53.69	6 50 44.66	6 42 03.43
4	52 54 20.77	52 54 20.08	6 42 03.03	6 33 21.11
	52 50 53.69	52 50 53.00	6 42 03.43	6 33 22.21
5	52 54 20.08	52 54 18.75	6 33 21.11	6 24 39.20
	52 50 53.00	52 50 51.67	6 33 22.21	6 24 40.98
6	52 50 51.94	52 50 53.16	7 08 07.11	6 59 25.89
	52 47 24.86	52 47 26.07	7 08 05.45	6 59 24.92

Carlow

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
7	52	50	53·16	52	50	53·74
	52	47	26·07	52	47	26·65
8	52	50	53·74	52	50	53·69
	52	47	26·65	52	47	26·60
9	52	50	53·69	52	50	53·00
	52	47	26·60	52	47	25·91
10	52	50	53·00	52	50	51·67
	52	47	25·91	52	47	24·59
11	52	47	24·86	52	47	26·07
	52	43	57·78	52	43	58·99
12	52	47	26·07	52	47	26·65
	52	43	58·99	52	43	59·57
13	52	47	26·65	52	47	26·60
	52	43	59·57	52	43	59·51
14	52	47	26·60	52	47	25·91
	52	43	59·51	52	43	58·83
15	52	43	57·78	52	43	58·99
	52	40	30·69	52	40	31·90
16	52	43	58·99	52	43	59·57
	52	40	31·90	52	40	32·48
17	52	43	59·57	52	43	59·51
	52	40	32·48	52	40	32·43
18	52	43	59·51	52	43	58·83
	52	40	32·43	52	40	31·74
19	52	40	31·90	52	40	32·48
	52	37	04·81	52	37	05·39
20	52	40	32·48	52	40	32·43
	52	37	05·39	52	37	05·34
21	52	40	32·43	52	40	31·74
	52	37	05·34	52	37	04·65
22	52	37	04·81	52	37	05·39
	52	33	37·72	52	33	38·30
23	52	37	05·39	52	37	05·34
	52	33	38·30	52	33	38·24
24	52	33	37·72	52	33	38·30
	52	30	10·63	52	30	11·20

Carlow

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
25	52	33	38·30	52	33	38·24
	52	30	11·20	52	30	11·15
26	52	30	10·63	52	30	11·20
	52	26	43·53	52	26	44·10

Cavan

1	54	19	39·20	54	19	42·08	8	04	26·08	7	55	26·34
	54	16	12·18	54	16	15·06	8	04	22·47	7	55	23·49
2	54	19	42·08	54	19	44·29	7	55	26·34	7	46	26·58
	54	16	15·06	54	16	17·26	7	55	23·49	7	46	24·48
3	54	16	12·18	54	16	15·06	8	04	22·47	7	55	23·49
	54	12	45·17	54	12	48·03	8	04	18·88	7	55	20·65
4	54	16	15·06	54	16	17·26	7	55	23·49	7	46	24·48
	54	12	48·03	54	12	50·23	7	55	20·65	7	46	22·39
5	54	12	45·17	54	12	48·03	8	04	18·88	7	55	20·65
	54	09	18·14	54	09	21·01	8	04	15·31	7	55	17·81
6	54	12	48·03	54	12	50·23	7	55	20·65	7	46	22·39
	54	09	21·01	54	09	23·20	7	55	17·81	7	46	20·30
7	54	12	50·23	54	12	51·76	7	46	22·39	7	37	24·12
	54	09	23·20	54	09	24·73	7	46	20·30	7	37	22·78
8	54	09	21·01	54	09	23·20	7	55	17·81	7	46	20·30
	54	05	53·98	54	05	56·17	7	55	14·99	7	46	18·23
9	54	09	23·20	54	09	24·73	7	46	20·30	7	37	22·78
	54	05	56·17	54	05	57·69	7	46	18·23	7	37	21·45
10	54	09	24·73	54	09	25·59	7	37	22·78	7	28	25·25
	54	05	57·69	54	05	58·55	7	37	21·45	7	28	24·66
11	54	09	25·59	54	09	25·79	7	28	25·25	7	19	27·71
	54	05	58·55	54	05	58·75	7	28	24·66	7	19	27·86
12	54	09	25·79	54	09	25·31	7	19	27·71	7	10	30·17
	54	05	58·75	54	05	58·28	7	19	27·86	7	10	31·07
13	54	05	56·17	54	05	57·69	7	46	18·23	7	37	21·45
	54	02	29·13	54	02	30·65	7	46	16·15	7	37	20·12
14	54	05	57·69	54	05	58·55	7	37	21·45	7	28	24·66
	54	02	30·65	54	02	31·51	7	37	20·12	7	28	24·07
15	54	05	58·55	54	05	58·75	7	28	24·66	7	19	27·86
	54	02	31·51	54	02	31·71	7	28	24·07	7	19	28·02

Cavan

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
16	54	05	58·75	54	05	58·28	7	19	27·86
	54	02	31·71	54	02	31·24	7	19	28·02
17	54	05	58·28	54	05	57·14	7	10	31·07
	54	02	31·24	54	02	30·10	7	10	31·97
18	54	05	57·14	54	05	55·34	7	01	34·29
	54	02	30·10	54	02	28·31	7	01	35·92
19	54	02	30·65	54	02	31·51	7	37	20·12
	53	59	03·61	53	59	04·47	7	37	18·79
20	54	02	31·51	54	02	31·71	7	28	24·07
	53	59	04·47	53	59	04·66	7	28	23·48
21	54	02	31·71	54	02	31·24	7	19	28·02
	53	59	04·66	53	59	04·19	7	19	28·17
22	54	02	31·24	54	02	30·10	7	10	31·97
	53	59	04·19	53	59	03·06	7	10	32·86
23	54	02	30·10	54	02	28·31	7	01	35·92
	53	59	03·06	53	59	01·27	7	01	37·55
24	53	59	03·61	53	59	04·47	7	37	18·79
	53	55	36·57	53	55	37·42	7	37	17·47
25	53	59	04·47	53	59	04·66	7	28	23·48
	53	55	37·42	53	55	37·62	7	28	22·90
26	53	59	04·66	53	59	04·19	7	19	28·17
	53	55	37·62	53	55	37·15	7	19	28·32
27	53	59	04·19	53	59	03·06	7	10	32·86
	53	55	37·15	53	55	36·02	7	10	33·75
28	53	59	03·06	53	59	01·27	7	01	37·55
	53	55	36·02	53	55	34·23	7	01	39·18
29	53	59	01·27	53	58	58·82	6	52	42·26
	53	55	34·23	53	55	31·78	6	52	44·62
30	53	55	36·57	53	55	37·42	7	37	17·47
	53	52	09·52	53	52	10·38	7	37	16·16
31	53	55	37·42	53	55	37·62	7	28	22·90
	53	52	10·38	53	52	10·57	7	28	22·32
32	53	55	37·62	53	55	37·15	7	19	28·32
	53	52	10·57	53	52	10·10	7	19	28·47
33	53	55	37·15	53	55	36·02	7	10	33·75
	53	52	10·10	53	52	08·98	7	10	34·63

Cavan

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
34	53	55	36·02	53	55	34·23	7	01	39·18
	53	52	08·98	53	52	07·19	7	01	40·80
35	53	55	34·23	53	55	31·78	6	52	44·62
	53	52	07·19	53	52	04·75	6	52	46·97
36	53	52	09·52	53	52	10·38	7	37	16·16
	53	48	42·48	53	48	43·33	7	37	14·85
37	53	52	10·38	53	52	10·57	7	28	22·32
	53	48	43·33	53	48	43·52	7	28	21·74
38	53	52	10·57	53	52	10·10	7	19	28·47
	53	48	43·52	53	48	43·05	7	19	28·63
39	53	52	10·10	53	52	08·98	7	10	34·63
	53	48	43·05	53	48	41·93	7	10	35·51
40	53	52	08·98	53	52	07·19	7	01	40·80
	53	48	41·93	53	48	40·15	7	01	42·41
41	53	48	43·33	53	48	43·52	7	28	21·74
	53	45	16·28	53	45	16·47	7	28	21·16
42	53	48	43·52	53	48	43·05	7	19	28·63
	53	45	16·47	53	45	16·00	7	19	28·78
43	53	48	43·05	53	48	41·93	7	10	35·51
	53	45	16·00	53	45	14·88	7	10	36·39
44	53	48	41·93	53	48	40·15	7	01	42·41
	53	45	14·88	53	45	13·11	7	01	44·02

Clare

1	53	09	53·17	53	09	54·69	9	23	47·95
	53	06	26·10	53	06	27·62	9	23	45·94
2	53	09	54·69	53	09	55·58	9	15	02·90
	53	06	27·62	53	06	28·50	9	15	01·59
3	53	09	55·58	53	09	55·82	9	06	17·84
	53	06	28·50	53	06	28·74	9	06	17·23
4	53	06	26·10	53	06	27·62	9	23	45·94
	53	02	59·03	53	03	00·55	9	23	43·93
5	53	06	27·62	53	06	28·50	9	15	01·59
	53	03	00·55	53	03	01·43	9	15	00·28
6	53	06	28·50	53	06	28·74	9	06	17·23
	53	03	01·43	53	03	01·67	9	06	16·62

Clare

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
7	53 06 28.74	53 06 28.34		8 57 32.86	8 48 48.50	
	53 03 01.67	53 03 01.27		8 57 32.95	8 48 49.29	
8	53 02 59.03	53 03 00.55		9 23 43.93	9 15 00.28	
	52 59 31.95	52 59 33.47		9 23 41.93	9 14 58.97	
9	53 03 00.55	53 03 01.43		9 15 00.28	9 06 16.62	
	52 59 33.47	52 59 34.35		9 14 58.97	9 06 16.01	
10	53 03 01.43	53 03 01.67		9 06 16.62	8 57 32.95	
	52 59 34.35	52 59 34.59		9 06 16.01	8 57 33.04	
11	53 03 01.67	53 03 01.27		8 57 32.95	8 48 49.29	
	52 59 34.59	52 59 34.19		8 57 33.04	8 48 50.07	
12	53 03 01.27	53 03 00.22		8 48 49.29	8 40 05.63	
	52 59 34.19	52 59 33.15		8 48 50.07	8 40 07.11	
13	53 03 00.22	53 02 58.54		8 40 05.63	8 31 21.97	
	52 59 33.15	52 59 31.47		8 40 07.11	8 31 24.15	
14	52 59 29.80	52 59 31.95		9 32 24.88	9 23 41.93	
	52 56 02.73	52 56 04.88		9 32 22.19	9 23 39.94	
15	52 59 31.95	52 59 33.47		9 23 41.93	9 14 58.97	
	52 56 04.88	52 56 06.39		9 23 39.94	9 14 57.67	
16	52 59 33.47	52 59 34.35		9 14 58.97	9 06 16.01	
	52 56 06.39	52 56 07.27		9 14 57.67	9 06 15.40	
17	52 59 34.35	52 59 34.59		9 06 16.01	8 57 33.04	
	52 56 07.27	52 56 07.51		9 06 15.40	8 57 33.13	
18	52 59 34.59	52 59 34.19		8 57 33.04	8 48 50.07	
	52 56 07.51	52 56 07.11		8 57 33.13	8 48 50.85	
19	52 59 34.19	52 59 33.15		8 48 50.07	8 40 07.11	
	52 56 07.11	52 56 06.07		8 48 50.85	8 40 08.58	
20	52 59 33.15	52 59 31.47		8 40 07.11	8 31 24.15	
	52 56 06.07	52 56 04.40		8 40 08.58	8 31 26.32	
21	52 59 31.47	52 59 29.16		8 31 24.15	8 22 41.21	
	52 56 04.40	52 56 02.09		8 31 26.32	8 22 44.07	
22	52 56 02.73	52 56 04.88		9 32 22.19	9 23 39.94	
	52 52 35.66	52 52 37.80		9 32 19.51	9 23 37.95	
23	52 56 04.88	52 56 06.39		9 23 39.94	9 14 57.67	
	52 52 37.80	52 52 39.31		9 23 37.95	9 14 56.38	
24	52 56 06.39	52 56 07.27		9 14 57.67	9 06 15.40	
	52 52 39.31	52 52 40.19		9 14 56.38	9 06 14.80	

Clare

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
25	52 56 07.27	52 56 07.51		9 06 15.40	8 57 33.13	
	52 52 40.19	52 52 40.43		9 06 14.80	8 57 33.21	
26	52 56 07.51	52 56 07.11		8 57 33.13	8 48 50.85	
	52 52 40.43	52 52 40.03		8 57 33.21	8 48 51.63	
27	52 56 07.11	52 56 06.07		8 48 50.85	8 40 08.58	
	52 52 40.03	52 52 39.00		8 48 51.63	8 40 10.05	
28	52 56 06.07	52 56 04.40		8 40 08.58	8 31 26.32	
	52 52 39.00	52 52 37.32		8 40 10.05	8 31 28.48	
29	52 56 04.40	52 56 02.09		8 31 26.32	8 22 44.07	
	52 52 37.32	52 52 35.02		8 31 28.48	8 22 46.92	
30	52 52 35.66	52 52 37.80		9 32 19.51	9 23 37.95	
	52 49 08.58	52 49 10.73		9 32 16.84	9 23 35.97	
31	52 52 37.80	52 52 39.31		9 23 37.95	9 14 56.38	
	52 49 10.73	52 49 12.23		9 23 35.97	9 14 55.09	
32	52 52 39.31	52 52 40.19		9 14 56.38	9 06 14.80	
	52 49 12.23	52 49 13.11		9 14 55.09	9 06 14.19	
33	52 52 40.19	52 52 40.43		9 06 14.80	8 57 33.21	
	52 49 13.11	52 49 13.34		9 06 14.19	8 57 33.30	
34	52 52 40.43	52 52 40.03		8 57 33.21	8 48 51.63	
	52 49 13.34	52 49 12.95		8 57 33.30	8 48 52.40	
35	52 52 40.03	52 52 39.00		8 48 51.63	8 40 10.05	
	52 49 12.95	52 49 11.91		8 48 52.40	8 40 11.51	
36	52 52 39.00	52 52 37.32		8 40 10.05	8 31 28.48	
	52 49 11.91	52 49 10.25		8 40 11.51	8 31 30.63	
37	52 52 37.32	52 52 35.02		8 31 28.48	8 22 46.92	
	52 49 10.25	52 49 07.94		8 31 30.63	8 22 49.77	
38	52 49 08.58	52 49 10.73		9 32 16.84	9 23 35.97	
	52 45 41.51	52 45 43.65		9 32 14.18	9 23 34.00	
39	52 49 10.73	52 49 12.23		9 23 35.97	9 14 55.09	
	52 45 43.65	52 45 45.15		9 23 34.00	9 14 53.79	
40	52 49 12.23	52 49 13.11		9 14 55.09	9 06 14.19	
	52 45 45.15	52 45 46.02		9 14 53.79	9 06 13.59	
41	52 49 13.11	52 49 13.34		9 06 14.19	8 57 33.30	
	52 45 46.02	52 45 46.26		9 06 13.59	8 57 33.39	
42	52 49 13.34	52 49 12.95		8 57 33.30	8 48 52.40	
	52 45 46.26	52 45 45.86		8 57 33.39	8 48 53.18	

Clare

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
43	52	49	12.95	52	49	11.91	8	48	52.40
	52	45	45.86	52	45	44.84	8	48	53.18
44	52	49	11.91	52	49	10.25	8	40	11.51
	52	45	44.84	52	45	43.17	8	40	12.97
45	52	49	10.25	52	49	07.94	8	31	30.63
	52	45	43.17	52	45	40.87	8	31	32.78
46	52	45	38.73	52	45	41.51	9	40	54.35
	52	42	11.66	52	42	14.43	9	40	51.02
47	52	45	41.51	52	45	43.65	9	32	14.18
	52	42	14.43	52	42	16.56	9	32	11.53
48	52	45	43.65	52	45	45.15	9	23	34.00
	52	42	16.56	52	42	18.06	9	23	32.03
49	52	45	45.15	52	45	46.02	9	14	53.79
	52	42	18.06	52	42	18.93	9	14	52.52
50	52	45	46.02	52	45	46.26	9	06	13.59
	52	42	18.93	52	42	19.17	9	06	13.00
51	52	45	46.26	52	45	45.86	8	57	33.39
	52	42	19.17	52	42	18.77	8	57	33.47
52	52	45	45.86	52	45	44.84	8	48	53.18
	52	42	18.77	52	42	17.75	8	48	53.95
53	52	45	44.84	52	45	43.17	8	40	12.97
	52	42	17.75	52	42	16.09	8	40	14.43
54	52	45	43.17	52	45	40.87	8	31	32.78
	52	42	16.09	52	42	13.79	8	31	34.92
55	52	42	08.26	52	42	11.66	9	49	30.48
	52	38	41.20	52	38	44.59	9	49	26.48
56	52	42	11.66	52	42	14.43	9	40	51.02
	52	38	44.59	52	38	47.35	9	40	47.69
57	52	42	14.43	52	42	16.56	9	32	11.53
	52	38	47.35	52	38	49.48	9	32	08.89
58	52	42	16.56	52	42	18.06	9	23	32.03
	52	38	49.48	52	38	50.98	9	23	30.07
59	52	42	18.06	52	42	18.93	9	14	52.52
	52	38	50.98	52	38	51.84	9	14	51.24
60	52	42	18.93	52	42	19.17	9	06	13.00
	52	38	51.84	52	38	52.08	9	06	12.40

Clare

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
61	52	42	19.17	52	42	18.77	8	57	33.47
	52	38	52.08	52	38	51.69	8	57	33.56
62	52	42	18.77	52	42	17.75	8	48	53.95
	52	38	51.69	52	38	50.66	8	48	54.71
63	52	42	17.75	52	42	16.09	8	40	14.43
	52	38	50.66	52	38	49.00	8	40	15.88
64	52	38	37.17	52	38	41.20	9	58	05.23
	52	35	10.11	52	35	14.13	9	58	00.56
65	52	38	41.20	52	38	44.59	9	49	26.48
	52	35	14.13	52	35	17.51	9	49	22.48
66	52	38	44.59	52	38	47.35	9	40	47.69
	52	35	17.51	52	35	20.27	9	40	44.38
67	52	38	47.35	52	38	49.48	9	32	08.89
	52	35	20.27	52	35	22.39	9	32	06.25
68	52	38	49.48	52	38	50.98	9	23	30.07
	52	35	22.39	52	35	23.89	9	23	28.11
69	52	38	50.98	52	38	51.84	9	14	51.24
	52	35	23.89	52	35	24.75	9	14	49.96
70	52	38	51.84	52	38	52.08	9	06	12.40
	52	35	24.75	52	35	24.99	9	06	11.80
71	52	35	10.11	52	35	14.13	9	58	00.56
	52	31	43.05	52	31	47.06	9	57	55.91
72	52	35	14.13	52	35	17.51	9	49	22.48
	52	31	47.06	52	31	50.43	9	49	18.50
73	52	35	17.51	52	35	20.27	9	40	44.38
	52	31	50.43	52	31	53.18	9	40	41.08
74	52	35	20.27	52	35	22.39	9	32	06.25
	52	31	53.18	52	31	55.30	9	32	03.63
75	52	35	22.39	52	35	23.89	9	23	28.11
	52	31	55.30	52	31	56.80	9	23	26.17

Cork

I	52	23	17.45	52	23	17.70	8	57	51.86	8	49	16.06
	52	19	50.35	52	19	50.59	8	57	51.26	8	49	16.14
2	52	23	17.70	52	23	17.31	8	49	16.06	8	40	40.27
	52	19	50.59	52	19	50.21	8	49	16.14	8	40	41.01

Cork

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
3	52 23 17.31	52 23 16.30		8 40 40.27	8 32 04.48	
	52 19 50.21	52 19 49.20		8 40 41.01	8 32 05.89	
4	52 19 48.00	52 19 49.49		9 15 01.50	9 06 26.39	
	52 16 20.90	52 16 22.39		9 14 59.57	9 06 25.14	
5	52 19 49.49	52 19 50.35		9 06 26.39	8 57 51.26	
	52 16 22.39	52 16 23.25		9 06 25.14	8 57 50.67	
6	52 19 50.35	52 19 50.59		8 57 51.26	8 49 16.14	
	52 16 23.25	52 16 23.49		8 57 50.67	8 49 16.22	
7	52 19 50.59	52 19 50.21		8 49 16.14	8 40 41.01	
	52 16 23.49	52 16 23.11		8 49 16.22	8 40 41.76	
8	52 19 50.21	52 19 49.20		8 40 41.01	8 32 05.89	
	52 16 23.11	52 16 22.10		8 40 41.76	8 32 07.31	
9	52 19 49.20	52 19 47.57		8 32 05.89	8 23 30.78	
	52 16 22.10	52 16 20.48		8 32 07.31	8 23 32.86	
10	52 19 47.57	52 19 45.32		8 23 30.78	8 14 55.69	
	52 16 20.48	52 16 18.23		8 23 32.86	8 14 58.43	
11	52 19 45.32	52 19 42.44		8 14 55.69	8 06 20.60	
	52 16 18.23	52 16 15.36		8 14 58.43	8 06 24.02	
12	52 16 18.79	52 16 20.90		9 23 34.01	9 14 59.57	
	52 12 51.70	52 12 53.80		9 23 31.42	9 14 57.65	
13	52 16 20.90	52 16 22.39		9 14 59.57	9 06 25.14	
	52 12 53.80	52 12 55.29		9 14 57.65	9 06 23.88	
14	52 16 22.39	52 16 23.25		9 06 25.14	8 57 50.67	
	52 12 55.29	52 12 56.15		9 06 23.88	8 57 50.08	
15	52 16 23.25	52 16 23.49		8 57 50.67	8 49 16.22	
	52 12 56.15	52 12 56.39		8 57 50.08	8 49 16.29	
16	52 16 23.49	52 16 23.11		8 49 16.22	8 40 41.76	
	52 12 56.39	52 12 56.01		8 49 16.29	8 40 42.50	
17	52 16 23.11	52 16 22.10		8 40 41.76	8 32 07.31	
	52 12 56.01	52 12 55.00		8 40 42.50	8 32 08.71	
18	52 16 22.10	52 16 20.48		8 32 07.31	8 23 32.86	
	52 12 55.00	52 12 53.38		8 32 08.71	8 23 34.93	
19	52 16 20.48	52 16 18.23		8 23 32.86	8 14 58.43	
	52 12 53.38	52 12 51.13		8 23 34.93	8 15 01.16	
20	52 16 18.23	52 16 15.36		8 14 58.43	8 06 24.02	
	52 12 51.13	52 12 48.27		8 15 01.16	8 06 27.41	

Cork

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
21	52 12 53.80	52 12 55.29		9 14 57.65	9 06 23.88	
	52 09 26.70	52 09 28.18		9 14 55.74	9 06 22.63	
22	52 12 55.29	52 12 56.15		9 06 23.88	8 57 50.08	
	52 09 28.18	52 09 29.04		9 06 22.63	8 57 49.50	
23	52 12 56.15	52 12 56.39		8 57 50.08	8 49 16.29	
	52 09 29.04	52 09 29.28		8 57 49.50	8 49 16.37	
24	52 12 56.39	52 12 56.01		8 49 16.29	8 40 42.50	
	52 09 29.28	52 09 28.00		8 49 16.37	8 40 43.24	
25	52 12 56.01	52 12 55.00		8 40 42.50	8 32 08.71	
	52 09 28.90	52 09 27.90		8 40 43.24	8 32 10.11	
26	52 12 55.00	52 12 53.38		8 32 08.71	8 23 34.93	
	52 09 27.90	52 09 26.28		8 32 10.11	8 23 36.99	
27	52 12 53.38	52 12 51.13		8 23 34.93	8 15 01.16	
	52 09 26.28	52 09 24.04		8 23 36.99	8 15 03.89	
28	52 12 51.13	52 12 48.27		8 15 01.16	8 06 27.41	
	52 09 24.04	52 09 21.18		8 15 03.89	8 06 30.80	
29	52 09 26.70	52 09 28.18		9 14 55.74	9 06 22.63	
	52 05 59.60	52 06 01.07		9 14 53.83	9 06 21.38	
30	52 09 28.18	52 09 29.04		9 06 22.63	8 57 49.50	
	52 06 01.07	52 06 01.93		9 06 21.38	8 57 48.91	
31	52 09 29.04	52 09 29.28		8 57 49.50	8 49 16.37	
	52 06 01.93	52 06 02.17		8 57 48.91	8 49 16.44	
32	52 09 29.28	52 09 28.90		8 49 16.37	8 40 43.24	
	52 06 02.17	52 06 01.79		8 49 16.44	8 40 43.97	
33	52 09 28.90	52 09 27.90		8 40 43.24	8 32 10.11	
	52 06 01.79	52 06 00.79		8 40 43.97	8 32 11.51	
34	52 09 27.90	52 09 26.28		8 32 10.11	8 23 36.99	
	52 06 00.79	52 05 59.18		8 32 11.51	8 23 39.05	
35	52 09 26.28	52 09 24.04		8 23 36.99	8 15 03.89	
	52 06 00.79	52 05 56.94		8 23 39.05	8 15 06.61	
36	52 09 24.04	52 09 21.18		8 15 03.89	8 06 30.80	
	52 05 56.94	52 05 54.09		8 15 06.61	8 06 34.18	
37	52 09 21.18	52 09 17.70		8 06 30.80	7 57 57.73	
	52 05 54.09	52 05 50.61		8 06 34.18	7 58 01.77	
38	52 05 59.60	52 06 01.07		9 14 53.83	9 06 21.38	
	52 02 32.49	52 02 33.97		9 14 51.93	9 06 20.14	

Cork

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	"	
39	52	06	01.07	52	06	01.93	9	06	21.38
	52	02	33.97	52	02	34.82	9	06	20.14
40	52	06	01.93	52	06	02.17	8	57	48.91
	52	02	34.82	52	02	35.06	8	57	48.33
41	52	06	02.17	52	06	01.79	8	49	16.44
	52	02	35.06	52	02	34.68	8	49	16.52
42	52	06	01.79	52	06	00.79	8	40	43.97
	52	02	34.68	52	02	33.68	8	40	44.70
43	52	06	00.79	52	05	59.18	8	32	11.51
	52	02	33.68	52	02	32.07	8	32	12.90
44	52	05	59.18	52	05	56.94	8	23	39.05
	52	02	32.07	52	02	29.84	8	23	41.10
45	52	05	56.94	52	05	54.09	8	15	06.61
	52	02	29.84	52	02	26.99	8	15	09.31
46	52	05	54.09	52	05	50.61	8	06	34.18
	52	02	26.99	52	02	23.53	8	06	37.54
47	52	02	32.49	52	02	33.97	9	14	51.93
	51	59	05.38	51	59	06.85	9	14	50.04
48	52	02	33.97	52	02	34.82	9	06	20.14
	51	59	06.85	51	59	07.71	9	06	18.91
49	52	02	34.82	52	02	35.06	8	57	48.33
	51	59	07.71	51	59	07.95	8	57	47.74
50	52	02	35.06	52	02	34.68	8	49	16.52
	51	59	07.95	51	59	07.57	8	49	16.59
51	52	02	34.68	52	02	33.68	8	40	44.70
	51	59	07.57	51	59	06.57	8	40	45.44
52	52	02	33.68	52	02	32.07	8	32	12.90
	51	59	06.57	51	59	04.96	8	32	14.28
53	52	02	32.07	52	02	29.84	8	23	41.10
	51	59	04.96	51	59	02.74	8	23	43.14
54	52	02	29.84	52	02	26.99	8	15	09.31
	51	59	02.74	51	58	59.90	8	15	12.01
55	52	02	26.99	52	02	23.53	8	06	37.54
	51	58	59.90	51	58	56.44	8	06	40.90
56	52	02	23.53	52	02	19.44	7	58	05.79
	51	58	56.44	51	58	52.36	7	58	09.80

Cork

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	"	
57	51	59	03.30	51	59	05.38	9	23	21.18
	51	55	36.19	51	55	38.27	9	23	18.63
58	51	59	05.38	51	59	06.85	9	14	50.04
	51	55	38.27	51	55	39.74	9	14	48.15
59	51	59	06.85	51	59	07.71	9	06	18.91
	51	55	39.74	51	55	40.60	9	06	17.67
60	51	59	07.71	51	59	07.95	8	57	47.74
	51	55	40.60	51	55	40.83	8	57	47.17
61	51	59	07.95	51	59	07.57	8	49	16.59
	51	55	40.83	51	55	40.46	8	49	16.66
62	51	59	07.57	51	59	06.57	8	40	45.44
	51	55	40.46	51	55	39.46	8	40	46.16
63	51	59	06.57	51	59	04.96	8	32	14.28
	51	55	39.46	51	55	37.86	8	32	15.67
64	51	59	04.96	51	59	02.74	8	23	43.14
	51	55	37.86	51	55	35.63	8	23	45.18
65	51	59	02.74	51	58	59.90	8	15	12.01
	51	55	35.63	51	55	32.80	8	15	14.70
66	51	58	59.90	51	58	56.44	8	06	40.90
	51	55	32.80	51	55	29.35	8	06	44.24
67	51	58	56.44	51	58	52.36	7	58	09.80
	51	55	29.35	51	55	25.28	7	58	13.80
68	51	55	36.19	51	55	38.27	9	23	18.63
	51	52	09.08	51	52	11.16	9	23	16.10
69	51	55	38.27	51	55	39.74	9	14	48.15
	51	52	11.16	51	52	12.63	9	14	46.27
70	51	55	39.74	51	55	40.60	9	06	17.67
	51	52	12.63	51	52	13.48	9	06	16.44
71	51	55	40.60	51	55	40.83	8	57	47.17
	51	52	13.48	51	52	13.71	8	57	46.59
72	51	55	40.83	51	55	40.46	8	49	16.66
	51	52	13.71	51	52	13.34	8	49	16.89
73	51	55	40.46	51	55	39.46	8	40	46.16
	51	52	13.34	51	52	12.35	8	40	46.89
74	51	55	39.46	51	55	37.86	8	32	15.67
	51	52	12.35	51	52	10.74	8	32	17.04

Cork

Sheet No.	LATITUDE NORTH		LONGITUDE WEST	
	°	"	°	"
75	51 55 37.86		51 55 35.63	
	51 52 10.74		51 52 08.53	
76	51 55 35.63		51 55 32.80	
	51 52 08.53		51 52 05.70	
77	51 55 32.80		51 55 29.35	
	51 52 05.70		51 52 02.25	
78	51 55 29.35		51 55 25.28	
	51 52 02.25		51 51 58.19	
79	51 52 06.39		51 52 09.08	
	51 48 39.29		51 48 41.97	
80	51 52 09.08		51 52 11.16	
	51 48 41.97		51 48 44.05	
81	51 52 11.16		51 52 12.63	
	51 48 44.05		51 48 45.51	
82	51 52 12.63		51 52 13.48	
	51 48 45.51		51 48 46.36	
83	51 52 13.48		51 52 13.71	
	51 48 46.36		51 48 46.60	
84	51 52 13.71		51 52 13.34	
	51 48 46.60		51 48 46.22	
85	51 52 13.34		51 52 12.35	
	51 48 46.22		51 48 45.23	
86	51 52 12.35		51 52 10.74	
	51 48 45.23		51 48 43.63	
87	51 52 10.74		51 52 08.53	
	51 48 43.63		51 48 41.42	
88	51 52 08.53		51 52 05.70	
	51 48 41.42		51 48 38.59	
89	51 52 05.70		51 52 02.25	
	51 48 38.59		51 48 35.16	
90	51 48 35.99		51 48 39.29	
	51 45 08.89		51 45 12.18	
91	51 48 39.29		51 48 41.97	
	51 45 12.18		51 45 14.86	
92	51 48 41.97		51 48 44.05	
	51 45 14.86		51 45 16.93	

Cork

Sheet No.	LATITUDE NORTH		LONGITUDE WEST	
	°	"	°	"
93	51 48 44.05		51 48 45.51	
	51 45 16.93		51 45 18.39	
94	51 48 45.51		51 48 46.36	
	51 45 18.39		51 45 19.24	
95	51 48 46.36		51 48 46.60	
	51 45 19.24		51 45 19.47	
96	51 48 46.60		51 48 46.22	
	51 45 19.47		51 45 19.10	
97	51 48 46.22		51 48 45.23	
	51 45 19.10		51 45 18.11	
98	51 48 45.23		51 48 43.63	
	51 45 18.11		51 45 16.52	
99	51 48 43.63		51 48 41.42	
	51 45 16.52		51 45 14.31	
100	51 48 41.42		51 48 38.59	
	51 45 14.31		51 45 11.49	
101	51 44 55.34		51 45 00.47	
	51 41 28.27		51 41 33.39	
102	51 45 00.47		51 45 04.98	
	51 41 33.39		51 41 37.89	
103	51 45 04.98		51 45 08.89	
	51 41 37.89		51 41 41.79	
104	51 45 08.89		51 45 12.18	
	51 41 41.79		51 41 45.07	
105	51 45 12.18		51 45 14.86	
	51 41 45.07		51 41 47.75	
106	51 45 14.86		51 45 16.93	
	51 41 47.75		51 41 49.81	
107	51 45 16.93		51 45 18.39	
	51 41 49.81		51 41 51.27	
108	51 45 18.39		51 45 19.24	
	51 41 51.27		51 41 52.12	
109	51 45 19.24		51 45 19.47	
	51 41 52.12		51 41 52.35	
110	51 45 19.47		51 45 19.10	
	51 41 52.35		51 41 51.98	

Cork

Cork

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
III	51	45	19.10	51	45	18.11	8	40	48.33
	51	41	51.98	51	41	50.99	8	40	49.04
II12	51	45	18.11	51	45	16.52	8	32	19.78
	51	41	50.99	51	41	49.40	8	32	21.14
II13	51	45	16.52	51	45	14.31	8	23	51.24
	51	41	49.40	51	41	47.20	8	23	53.25
II14	51	41	28.27	51	41	33.39	10	05	27.69
	51	38	01.20	51	38	06.30	10	05	21.98
II15	51	41	33.39	51	41	37.89	9	56	59.91
	51	38	06.30	51	38	10.80	9	56	54.85
II16	51	41	37.89	51	41	41.79	9	48	32.11
	51	38	10.80	51	38	14.68	9	48	27.68
II17	51	41	41.79	51	41	45.07	9	40	04.28
	51	38	14.68	51	38	17.96	9	40	00.49
II18	51	41	45.07	51	41	47.75	9	31	36.42
	51	38	17.96	51	38	20.63	9	31	30.55
II19	51	41	47.75	51	41	49.81	9	23	08.55
	51	38	20.63	51	38	22.69	9	23	06.05
II20	51	41	49.81	51	41	51.27	9	14	40.67
	51	38	22.69	51	38	24.15	9	14	38.81
II21	51	41	51.27	51	41	52.12	9	06	12.78
	51	38	24.15	51	38	24.99	9	06	11.56
II22	51	41	52.12	51	41	52.35	8	57	44.87
	51	38	24.99	51	38	25.23	8	57	44.30
II23	51	41	52.35	51	41	51.98	8	49	16.96
	51	38	25.23	51	38	24.85	8	49	17.03
II24	51	41	51.98	51	41	50.99	8	40	49.04
	51	38	24.85	51	38	23.87	8	40	49.77
II25	51	41	50.99	51	41	49.40	8	32	21.14
	51	38	23.87	51	38	22.28	8	32	22.51
II26	51	37	55.48	51	38	01.20	10	13	49.08
	51	34	28.42	51	34	34.12	10	13	42.74
II27	51	38	01.20	51	38	06.30	10	05	21.98
	51	34	34.12	51	34	39.21	10	05	16.28
II28	51	38	06.30	51	38	10.80	9	56	54.85
	51	34	39.21	51	34	43.70	9	56	49.79

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
129	51	38	10.80	51	38	14.68	9	48	27.68
	51	34	43.70	51	34	47.58	9	48	23.27
130	51	38	14.68	51	38	17.96	9	40	00.49
	51	34	47.58	51	34	50.85	9	39	56.72
131	51	38	17.96	51	38	20.63	9	31	33.28
	51	34	50.85	51	34	53.52	9	31	30.15
132	51	38	20.63	51	38	22.69	9	23	06.05
	51	34	53.52	51	34	55.57	9	23	03.56
133	51	38	22.69	51	38	24.15	9	14	38.81
	51	34	55.57	51	34	57.02	9	14	36.96
134	51	38	24.15	51	38	24.99	9	06	11.56
	51	34	57.02	51	34	57.86	9	06	10.36
135	51	38	24.99	51	38	25.23	8	57	44.30
	51	34	57.86	51	34	58.10	8	57	43.73
136	51	38	25.23	51	38	24.85	8	49	17.03
	51	34	58.10	51	34	57.73	8	49	17.10
137	51	38	24.85	51	38	23.87	8	40	49.77
	51	34	57.73	51	34	56.75	8	40	50.48
138	51	34	43.70	51	34	47.58	9	48	23.27
	51	31	16.60	51	31	20.47	9	48	18.87
139	51	34	47.58	51	34	50.85	9	39	56.72
	51	31	20.47	51	31	23.74	9	39	52.96
140	51	34	50.85	51	34	53.52	9	31	30.15
	51	31	23.74	51	31	26.39	9	31	27.03
141	51	34	53.52	51	34	55.57	9	23	03.56
	51	31	26.39	51	31	28.45	9	23	01.08
142	51	34	55.57	51	34	57.02	9	14	36.96
	51	31	28.45	51	31	29.90	9	14	35.12
143	51	34	57.02	51	34	57.86	9	06	10.36
	51	31	29.90	51	31	30.74	9	06	09.14
144	51	34	57.86	51	34	58.10	8	57	43.73
	51	31	30.74	51	31	30.97	8	57	43.16
145	51	34	58.10	51	34	57.73	8	49	17.10
	51	31	30.97	51	31	30.60	8	49	17.17
146	51	31	12.12	51	31	16.60	9	56	44.76
	51	27	45.03	51	27	49.50	9	56	39.74

Cork

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
147	51	31	16.60	51	31	20.47
	51	27	49.50	51	27	53.36
148	51	31	20.47	51	31	23.74
	51	27	53.36	51	27	56.62
149	51	31	23.74	51	31	26.39
	51	27	56.62	51	27	59.27
150	51	31	26.39	51	31	28.45
	51	27	59.27	51	28	01.32
151	51	31	28.45	51	31	29.90
	51	28	01.32	51	28	02.77
152	51	27	49.50	51	27	53.36
	51	24	22.39	51	24	26.25
153	51	27	56.62	51	27	59.27
	51	24	29.50	51	24	32.15

Derry

1	55	12	16.87	55	12	17.28
	55	08	49.87	55	08	50.27
2	55	12	17.28	55	12	16.99
	55	08	50.27	55	08	49.99
3	55	12	16.99	55	12	16.01
	55	08	49.99	55	08	49.01
4	55	12	16.01	55	12	14.34
	55	08	49.01	55	08	47.35
5	55	08	49.87	55	08	50.27
	55	05	22.86	55	05	23.27
6	55	08	50.27	55	08	49.99
	55	05	23.27	55	05	22.99
7	55	08	49.99	55	08	49.01
	55	05	22.99	55	05	22.01
8	55	08	49.01	55	08	47.35
	55	05	22.01	55	05	20.35
9	55	05	22.86	55	05	23.27
	55	01	55.86	55	01	56.26
10	55	05	23.27	55	05	22.99
	55	01	56.26	55	01	55.98

Derry

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
11	55	05	22.99	55	05	22.01
	55	01	55.98	55	01	55.01
12	55	05	22.01	55	05	20.35
	55	01	55.01	55	01	53.35
13	55	01	50.51	55	01	52.98
	54	58	23.52	54	58	25.98
14	55	01	52.98	55	01	54.76
	54	58	25.98	54	58	27.76
14A	55	05	19.98	55	05	21.77
	55	01	52.98	55	01	54.76
15	55	01	54.76	55	01	55.86
	54	58	27.76	54	58	28.85
15A	55	05	21.77	55	05	22.86
	55	01	54.76	55	01	55.86
16	55	01	55.86	55	01	56.26
	54	58	28.85	54	58	29.25
17	55	01	56.26	55	01	55.98
	54	58	29.25	54	58	28.97
18	55	01	55.98	55	01	55.01
	54	58	28.97	54	58	28.00
19	55	01	55.01	55	01	53.35
	54	58	28.00	54	58	26.34
21	54	58	23.52	54	58	25.98
	54	54	56.52	54	54	58.98
22	54	58	25.98	54	58	27.76
	54	54	58.98	54	55	00.75
23	54	58	27.76	54	58	28.85
	54	55	00.75	54	55	01.84
24	54	58	28.85	54	58	29.25
	54	55	01.84	54	55	02.24
25	54	58	29.25	54	58	28.97
	54	55	02.24	54	55	01.96
26	54	58	28.97	54	58	28.00
	54	55	01.96	54	55	00.99
27	54	58	28.00	54	58	26.34
	54	55	00.99	54	54	59.34

Derry

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
28	54	54	58.98	54	55	00.75
	54	51	31.97	54	51	33.74
29	54	55	00.75	54	55	01.84
	54	51	33.74	54	51	34.83
30	54	55	01.84	54	55	02.24
	54	51	34.83	54	51	35.23
31	54	55	02.24	54	55	01.96
	54	51	35.23	54	51	34.95
32	54	55	01.96	54	55	00.99
	54	51	34.95	54	51	33.98
33	54	55	00.99	54	54	59.34
	54	51	33.98	54	51	32.33
34	54	51	34.83	54	51	35.23
	54	48	07.81	54	48	08.21
34A	54	51	33.74	54	51	34.83
	54	48	06.73	54	48	07.81
35	54	51	35.23	54	51	34.95
	54	48	08.21	54	48	07.93
36	54	51	34.95	54	51	33.98
	54	48	07.93	54	48	06.97
37	54	51	33.98	54	51	32.33
	54	48	06.97	54	48	05.32
38	54	51	32.33	54	51	30.00
	54	48	05.32	54	48	02.99
39	54	48	07.81	54	48	08.21
	54	44	40.80	54	44	41.20
40	54	48	08.21	54	48	07.93
	54	44	41.20	54	44	40.92
41	54	48	07.93	54	48	06.97
	54	44	40.92	54	44	39.95
42	54	48	06.97	54	48	05.32
	54	44	39.95	54	44	38.31
43	54	48	05.32	54	48	02.99
	54	44	38.31	54	44	35.99
44	54	44	40.80	54	44	41.20
	54	41	13.78	54	41	14.18

Derry

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
45	54	44	41.20	54	44	40.92
	54	41	14.18	54	41	13.90
45A	54	41	14.18	54	41	13.90
	54	37	47.15	54	37	46.88
46	54	44	40.92	54	44	39.95
	54	41	13.90	54	41	12.94
47	54	44	39.95	54	44	38.31
	54	41	12.94	54	41	11.30
48	54	41	13.90	54	41	12.94
	54	37	46.88	54	37	45.92
48A	54	37	46.88	54	37	45.92
	54	34	19.85	54	34	18.90
49	54	41	12.94	54	41	11.30
	54	37	45.92	54	37	44.28

Donegal

1	55	23	42.82	55	23	41.38	7	29	35.46	7	20	21.26
	55	20	15.82	55	20	14.39	7	29	36.71	7	20	23.32
2	55	23	41.38	55	23	39.24	7	20	21.26	7	11	07.08
	55	20	14.39	55	20	12.26	7	20	23.32	7	11	09.94
3	55	20	15.82	55	20	14.39	7	29	36.71	7	20	23.32
	55	16	48.82	55	16	47.39	7	29	37.96	7	20	25.37
4	55	20	14.39	55	20	12.26	7	20	23.32	7	11	09.94
	55	16	47.39	55	16	45.27	7	20	25.37	7	11	12.79
5	55	20	12.26	55	20	09.43	7	11	09.94	7	01	56.58
	55	16	45.27	55	16	42.44	7	11	12.79	7	02	00.23
6	55	16	45.57	55	16	47.61	8	15	40.96	8	06	28.37
	55	13	18.58	55	13	20.61	8	15	38.22	8	06	26.43
7	55	16	48.95	55	16	49.61	7	57	15.78	7	48	03.17
	55	13	21.96	55	13	22.61	7	57	14.63	7	48	02.82
8	55	16	49.61	55	16	49.56	7	48	03.17	7	38	50.57
	55	13	22.61	55	13	22.56	7	48	02.82	7	38	51.01
9	55	16	49.56	55	16	48.82	7	38	50.57	7	29	37.96
	55	13	22.56	55	13	21.83	7	38	51.01	7	29	39.21
10	55	16	48.82	55	16	47.39	7	29	37.96	7	20	25.37
	55	13	21.83	55	13	20.40	7	29	39.21	7	20	27.41

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
11	55 16 47.39	55 16 45.27		7 20 25.37	7 11 12.79	
	55 13 20.40	55 13 18.28		7 20 27.41	7 11 15.62	
12	55 16 45.27	55 16 42.44		7 11 12.79	7 02 00.23	
	55 13 18.28	55 13 15.46		7 11 15.62	7 02 03.86	
13	55 16 42.44	55 16 38.93		7 02 00.23	6 52 47.69	
	55 13 15.46	55 13 11.95		7 02 03.86	6 52 52.12	
14	55 13 18.58	55 13 20.61		8 15 38.22	8 06 26.43	
	55 09 51.58	55 09 53.61		8 15 35.49	8 06 24.49	
15	55 13 20.61	55 13 21.96		8 06 26.43	7 57 14.63	
	55 09 53.61	55 09 54.95		8 06 24.49	7 57 13.49	
16	55 13 21.96	55 13 22.61		7 57 14.63	7 48 02.82	
	55 09 54.95	55 09 55.60		7 57 13.49	7 48 02.47	
17	55 13 22.61	55 13 22.56		7 48 02.82	7 38 51.01	
	55 09 55.60	55 09 55.56		7 48 02.47	7 38 51.46	
18	55 13 22.56	55 13 21.83		7 38 51.01	7 29 39.21	
	55 09 55.56	55 09 54.82		7 38 51.46	7 29 40.45	
19	55 13 21.83	55 13 20.40		7 29 39.21	7 20 27.41	
	55 09 54.82	55 09 53.40		7 29 40.45	7 20 29.44	
20	55 13 20.40	55 13 18.28		7 20 27.41	7 11 15.62	
	55 09 53.40	55 09 51.28		7 20 29.44	7 11 18.45	
21	55 13 18.28	55 13 15.46		7 11 15.62	7 02 03.86	
	55 09 51.28	55 09 48.47		7 11 18.45	7 02 07.48	
22	55 13 15.46	55 13 11.95		7 02 03.86	6 52 52.12	
	55 09 48.47	55 09 44.97		7 02 07.48	6 52 56.54	
23	55 09 48.86	55 09 51.58		8 24 46.46	8 15 35.49	
	55 06 21.87	55 06 24.58		8 24 42.95	8 15 32.77	
24	55 09 51.58	55 09 53.61		8 15 35.49	8 06 24.49	
	55 06 24.58	55 06 26.61		8 15 32.77	8 06 22.56	
25	55 09 53.61	55 09 54.95		8 06 24.49	7 57 13.49	
	55 06 26.61	55 06 27.95		8 06 22.56	7 57 12.35	
26	55 09 54.95	55 09 55.60		7 57 13.49	7 48 02.47	
	55 06 27.95	55 06 28.60		7 57 12.35	7 48 02.13	
27	55 09 55.60	55 09 55.56		7 48 02.47	7 38 51.46	
	55 06 28.60	55 06 28.55		7 48 02.13	7 38 51.90	
28	55 09 55.56	55 09 54.82		7 38 51.46	7 29 40.45	
	55 06 28.55	55 06 27.82		7 38 51.90	7 29 41.68	

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
29	55 09 54.82	55 09 53.40		7 29 40.45	7 20 29.44	
	55 06 27.82	55 06 26.40		7 29 41.68	7 20 31.47	
30	55 09 53.40	55 09 51.28		7 20 29.44	7 11 18.45	
	55 06 26.40	55 06 24.29		7 20 31.47	7 11 21.27	
31	55 09 51.28	55 09 48.47		7 11 18.45	7 02 07.48	
	55 06 24.29	55 06 21.48		7 11 21.27	7 02 11.09	
32	55 06 21.87	55 06 24.58		8 24 42.95	8 15 32.77	
	55 02 54.87	55 02 57.59		8 24 39.45	8 15 30.05	
33	55 06 24.58	55 06 26.61		8 15 32.77	8 06 22.56	
	55 02 57.59	55 02 59.61		8 15 30.05	8 06 20.64	
34	55 06 26.61	55 06 27.95		8 06 22.56	7 57 12.35	
	55 02 59.61	55 03 00.94		8 06 20.64	7 57 11.22	
35	55 06 27.95	55 06 28.60		7 57 12.35	7 48 02.13	
	55 03 00.94	55 03 01.59		7 57 11.22	7 48 01.78	
36	55 06 28.60	55 06 28.55		7 48 02.13	7 38 51.90	
	55 03 01.59	55 03 01.55		7 48 01.78	7 38 52.35	
37	55 06 28.55	55 06 27.82		7 38 51.90	7 29 41.68	
	55 03 01.55	55 03 00.82		7 38 52.35	7 29 42.92	
38	55 06 27.82	55 06 26.40		7 29 41.68	7 20 31.47	
	55 03 00.82	55 02 59.40		7 29 42.92	7 20 33.49	
39	55 06 26.40	55 06 24.29		7 20 31.47	7 11 21.27	
	55 02 59.40	55 02 57.29		7 20 33.49	7 11 24.08	
40	55 02 51.47	55 02 54.87		8 33 48.82	8 24 39.45	
	54 59 24.48	54 59 27.88		8 33 44.55	8 24 35.96	
41	55 02 54.87	55 02 57.59		8 24 39.45	8 15 30.05	
	54 59 27.88	54 59 30.59		8 24 35.96	8 15 27.35	
42	55 02 57.59	55 02 59.61		8 15 30.05	8 06 20.64	
	54 59 30.59	54 59 32.60		8 15 27.35	8 06 18.72	
43	55 02 59.61	55 03 00.94		8 06 20.64	7 57 11.22	
	54 59 32.60	54 59 33.94		8 06 18.72	7 57 10.09	
44	55 03 00.94	55 03 01.59		7 57 11.22	7 48 01.78	
	54 59 33.94	54 59 34.58		7 57 10.09	7 48 01.44	
45	55 03 01.59	55 03 01.55		7 48 01.78	7 38 52.35	
	54 59 34.58	54 59 34.54		7 48 01.44	7 38 52.79	
46	55 03 01.55	55 03 00.82		7 38 52.35	7 29 42.92	
	54 59 34.54	54 59 33.81		7 38 52.79	7 29 44.14	

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	
47	55	03	00.82	55	02	59.40	7	29	42.92
	54	59	33.81	54	59	32.29	7	29	44.14
48	54	59	24.48	54	59	27.88	8	33	44.55
	54	55	57.50	54	56	00.88	8	33	40.29
49	54	59	27.88	54	59	30.59	8	24	35.96
	54	56	00.88	54	56	03.58	8	24	32.49
50	54	59	30.59	54	59	32.60	8	15	27.35
	54	56	03.58	54	56	05.60	8	15	24.66
51	54	59	32.60	54	59	33.94	8	06	18.72
	54	56	05.60	54	56	06.93	8	06	16.81
52	54	59	33.94	54	59	34.58	7	57	10.09
	54	56	06.93	54	56	07.57	7	57	08.06
53	54	59	34.58	54	59	34.54	7	48	01.44
	54	56	07.57	54	56	07.53	7	48	01.09
54	54	59	34.54	54	59	33.81	7	38	52.79
	54	56	07.53	54	56	06.80	7	38	53.23
55	54	59	33.81	54	59	32.39	7	29	44.14
	54	56	06.80	54	56	05.39	7	29	45.37
56	54	55	57.50	54	56	00.88	8	33	40.29
	54	52	30.50	54	52	33.88	8	33	36.05
57	54	56	00.88	54	56	03.58	8	24	32.49
	54	52	33.88	54	52	36.58	8	24	29.02
58	54	56	03.58	54	56	05.60	8	15	24.66
	54	52	36.58	54	52	38.59	8	15	21.98
59	54	56	05.60	54	56	06.93	8	06	16.81
	54	52	38.59	54	52	39.92	8	06	14.91
60	54	56	06.93	54	56	07.57	7	57	08.96
	54	52	39.92	54	52	40.56	7	57	07.84
61	54	56	07.57	54	56	07.53	7	48	01.09
	54	52	40.56	54	52	40.52	7	48	00.75
62	54	56	07.53	54	56	06.80	7	38	53.23
	54	52	40.52	54	52	39.79	7	38	53.67
63	54	56	06.80	54	56	05.39	7	29	45.37
	54	52	39.79	54	52	38.38	7	29	46.58
64	54	52	30.50	54	52	33.88	8	33	36.05
	54	49	03.51	54	49	06.88	8	33	31.82

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	
65	54	52	33.88	54	52	36.58	8	24	29.02
	54	49	06.88	54	49	09.57	8	24	25.57
66	54	52	36.58	54	52	38.59	8	15	21.98
	54	49	09.57	54	49	11.58	8	15	19.30
67	54	52	38.59	54	52	39.92	8	06	14.91
	54	49	11.58	54	49	12.90	8	06	13.02
68	54	52	39.92	54	52	40.56	7	57	07.84
	54	49	12.90	54	49	13.55	7	57	06.72
69	54	52	40.56	54	52	40.52	7	48	00.75
	54	49	13.55	54	49	13.50	7	48	00.41
70	54	52	40.52	54	52	39.79	7	38	53.67
	54	49	13.50	54	49	12.78	7	38	54.10
71	54	52	39.79	54	52	38.38	7	29	46.58
	54	49	12.78	54	49	11.37	7	29	47.80
72	54	48	59.46	54	49	03.51	8	42	38.04
	54	45	32.47	54	45	36.51	8	42	33.05
73	54	49	03.51	54	49	06.88	8	33	31.82
	54	45	36.51	54	45	39.88	8	33	27.61
74	54	49	06.88	54	49	09.57	8	24	25.57
	54	45	39.88	54	45	42.57	8	24	22.14
75	54	49	09.57	54	49	11.58	8	15	19.30
	54	45	42.57	54	45	44.57	8	06	13.02
76	54	49	11.58	54	49	12.90	8	06	13.02
	54	45	44.57	54	45	45.89	8	06	11.13
77	54	49	12.90	54	49	13.55	7	57	06.72
	54	45	45.89	54	45	46.53	7	57	05.60
78	54	49	13.55	54	49	13.50	7	48	00.41
	54	45	46.53	54	45	46.49	7	48	00.07
79	54	49	13.50	54	49	12.78	7	38	54.10
	54	45	46.49	54	45	45.76	7	38	54.54
80	54	45	27.74	54	45	32.47	7	29	49.01
	54	42	00.76	54	42	05.48	8	51	38.47
81	54	45	32.47	54	45	36.51	8	42	33.05
	54	42	05.48	54	42	09.52	8	42	28.08
82	54	45	36.51	54	45	39.88	8	33	27.61
	54	42	09.52	54	42	12.88	8	33	23.41

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
83	54	45	39.88	54	45	42.57
	54	42	12.88	54	42	15.55
84	54	45	42.57	54	45	44.57
	54	42	15.55	54	42	17.55
85	54	45	44.57	54	45	45.89
	54	42	17.55	54	42	18.87
86	54	45	45.89	54	45	46.53
	54	42	18.87	54	42	19.51
87	54	45	46.53	54	45	46.49
	54	42	19.51	54	42	19.47
88	54	45	46.49	54	45	45.76
	54	42	19.47	54	42	18.75
89	54	42	00.76	54	42	05.48
	54	38	33.78	54	38	38.49
90	54	42	05.48	54	42	09.52
	54	38	38.49	54	38	42.52
91	54	42	09.52	54	42	12.88
	54	38	42.52	54	38	45.87
92	54	42	12.88	54	42	15.55
	54	38	45.87	54	38	48.54
93	54	42	15.55	54	42	17.55
	54	38	48.54	54	38	50.54
94	54	42	17.55	54	42	18.87
	54	38	50.54	54	38	51.85
95	54	42	18.87	54	42	19.51
	54	38	51.85	54	38	52.49
96	54	38	38.49	54	38	42.52
	54	35	11.50	54	35	15.52
97	54	38	42.52	54	38	45.87
	54	35	15.52	54	35	18.86
98	54	38	45.87	54	38	48.54
	54	35	18.86	54	35	21.53
99	54	38	48.54	54	38	50.54
	54	35	21.53	54	35	23.52
100	54	38	50.54	54	38	51.85
	54	35	23.52	54	35	24.83

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
101	54	38	51.85	54	38	52.49
	54	35	24.83	54	35	25.47
102	54	38	52.49	54	38	52.45
	54	35	25.47	54	35	25.43
103	54	35	21.53	54	35	23.52
	54	31	54.51	54	31	56.50
104	54	35	23.52	54	35	24.83
	54	31	56.50	54	31	57.81
105	54	35	24.83	54	35	25.47
	54	31	57.81	54	31	58.44
106	54	31	51.85	54	31	54.51
	54	28	24.84	54	28	27.49
107	54	31	54.51	54	31	56.50
	54	28	27.49	54	28	29.48
108	54	31	56.50	54	31	57.81
	54	28	29.48	54	28	30.78
109	54	28	24.84	54	28	27.49
	54	24	57.82	54	25	00.47
110	54	28	27.49	54	28	29.48
	54	25	00.47	54	25	02.45

Down

I	54 41 09.10	54 41 08.49	5 51 17.51	5 42 13.01
	54 37 42.08	54 37 41.47	5 51 17.81	5 42 14.08
2	54 41 08.49	54 41 07.21	5 42 13.01	5 33 08.51
	54 37 41.47	54 37 40.19	5 42 14.08	5 33 10.36
3	54 41 07.21	54 41 05.24	5 33 08.51	5 24 04.04
	54 37 40.19	54 37 38.23	5 33 10.36	5 24 06.64
4	54 37 42.00	54 37 42.08	6 00 21.54	5 51 17.81
	54 34 14.98	54 34 15.05	6 00 21.07	5 51 18.11
5	54 37 42.08	54 37 41.47	5 51 17.81	5 42 14.08
	54 34 15.05	54 34 14.45	5 51 18.11	5 42 15.14
6	54 37 41.47	54 37 40.19	5 42 14.08	5 33 10.36
	54 34 14.45	54 34 13.17	5 42 15.14	5 33 12.19
7	54 37 40.19	54 37 38.23	5 33 10.36	5 24 06.64
	54 34 13.17	54 34 11.22	5 33 12.19	5 24 09.24

Down

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
8	54	34	14.23	54	34	14.98	6	09	24.04
	54	34	47.20	54	30	47.95	6	09	22.81
9	54	34	14.98	54	34	15.05	6	00	21.07
	54	30	47.95	54	30	48.03	6	00	20.61
10	54	34	15.05	54	34	14.45	5	51	18.11
	54	30	48.03	54	30	47.43	5	51	18.41
11	54	34	14.45	54	34	13.17	5	42	15.14
	54	30	47.43	54	30	46.15	5	42	16.20
12	54	34	13.17	54	34	11.22	5	33	12.19
	54	30	46.15	54	30	44.20	5	33	14.01
13	54	30	45.78	54	30	47.20	6	18	25.00
	54	27	18.76	54	27	20.18	6	18	23.02
14	54	30	47.20	54	30	47.95	6	09	22.81
	54	27	20.18	54	27	20.93	6	09	21.58
15	54	30	47.95	54	30	48.03	6	00	20.61
	54	27	20.93	54	27	21.00	6	00	20.14
16	54	30	48.03	54	30	47.43	5	51	18.41
	54	27	21.00	54	27	20.40	5	51	18.70
17	54	30	47.43	54	30	46.15	5	42	16.20
	54	27	20.40	54	27	19.13	5	42	17.26
18	54	30	46.15	54	30	44.20	5	33	14.01
	54	27	19.13	54	27	17.18	5	33	15.83
19	54	27	16.66	54	27	18.76	6	27	24.44
	54	23	49.64	54	23	51.73	6	27	21.70
20	54	27	18.76	54	27	20.18	6	18	23.02
	54	23	51.73	54	23	53.15	6	18	21.04
21	54	27	20.18	54	27	20.93	6	09	21.58
	54	23	53.15	54	23	53.90	6	09	20.37
22	54	27	20.93	54	27	21.00	6	00	20.14
	54	23	53.90	54	23	53.97	6	00	19.68
23	54	27	21.00	54	27	20.40	5	51	18.70
	54	23	53.97	54	23	53.37	5	51	19.00
24	54	27	20.40	54	27	19.13	5	42	17.26
	54	23	53.37	54	23	52.10	5	42	18.31
25	54	27	19.13	54	27	17.18	5	33	15.83
	54	23	52.10	54	23	50.16	5	33	17.64

Down

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
26	54	23	49.64	54	23	51.73	6	27	21.70
	54	20	22.62	54	20	24.71	6	27	18.98
27	54	23	51.73	54	23	53.15	6	18	21.04
	54	20	24.71	54	20	26.12	6	18	19.07
28	54	23	53.15	54	23	53.90	6	09	20.37
	54	20	26.12	54	20	26.87	6	09	19.22
29	54	23	53.90	54	23	53.97	6	00	19.68
	54	20	26.87	54	20	26.94	6	00	19.00
30	54	23	53.97	54	23	53.37	5	51	19.00
	54	20	26.94	54	20	26.34	5	51	19.29
31	54	23	53.37	54	23	52.10	5	42	18.31
	54	20	26.34	54	20	25.08	5	42	19.36
32	54	23	52.10	54	23	50.16	5	33	17.64
	54	20	25.08	54	20	23.14	5	33	19.44
33	54	20	22.62	54	20	24.71	6	27	18.98
	54	16	55.60	54	16	57.68	6	27	16.26
34	54	20	24.71	54	20	26.12	6	18	19.07
	54	16	57.68	54	16	59.09	6	18	17.11
35	54	20	26.12	54	20	26.87	6	09	19.22
	54	16	59.09	54	16	59.83	6	09	17.94
36	54	20	26.87	54	20	26.94	6	00	19.22
	54	16	59.83	54	16	59.91	6	00	18.76
37	54	20	26.94	54	20	26.34	5	51	19.29
	54	16	59.91	54	16	59.31	5	51	19.59
38	54	20	26.34	54	20	25.08	5	42	19.36
	54	16	59.31	54	16	58.05	5	42	20.41
39	54	20	25.08	54	20	23.14	5	33	19.44
	54	16	58.05	54	16	56.11	5	33	21.24
40	54	16	55.60	54	16	57.68	6	27	16.26
	54	13	28.57	54	13	30.65	6	27	13.55
41	54	16	57.68	54	16	59.09	6	18	17.11
	54	13	30.65	54	13	32.06	6	18	15.15
42	54	16	59.09	54	16	59.83	6	09	17.94
	54	13	32.06	54	13	32.80	6	09	16.73
43	54	16	59.83	54	16	59.91	6	00	18.76
	54	13	32.80	54	13	32.87	6	00	18.31

Down

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
44	54 16 59.91	54 16 59.31		5 51 19.59	5 42 20.41	
	54 13 32.87	54 13 32.28		5 51 19.88	5 42 21.45	
45	54 16 59.31	54 16 58.05		5 42 20.41	5 33 21.24	
	54 13 32.28	54 13 31.02		5 42 21.45	5 33 23.03	
46	54 13 28.57	54 13 30.65		6 27 13.55	6 18 15.15	
	54 10 01.54	54 10 03.62		6 27 10.86	6 18 13.20	
47	54 13 30.65	54 13 32.06		6 18 15.15	6 09 16.73	
	54 10 03.62	54 10 05.02		6 18 13.20	6 09 15.53	
48	54 13 32.06	54 13 32.08		6 09 16.73	6 00 18.31	
	54 10 05.02	54 10 05.76		6 09 15.53	6 00 17.85	
49	54 13 32.80	54 13 32.87		6 00 18.31	5 51 19.88	
	54 10 05.76	54 10 05.84		6 00 17.85	5 51 20.17	
50	54 10 01.54	54 10 03.62		6 27 10.86	6 18 13.20	
	54 06 34.51	54 06 36.58		6 27 08.17	6 18 11.26	
51	54 10 03.62	54 10 05.02		6 18 13.20	6 09 15.53	
	54 06 36.58	54 06 37.99		6 18 11.26	6 09 14.33	
52	54 10 05.02	54 10 05.76		6 09 15.53	6 00 17.85	
	54 06 37.99	54 06 38.72		6 09 14.33	6 00 17.40	
53	54 10 05.76	54 10 05.84		6 00 17.85	5 51 20.17	
	54 06 38.72	54 06 38.80		6 00 17.40	5 51 20.46	
54	54 06 36.58	54 06 37.99		6 18 11.26	6 09 14.33	
	54 03 09.54	54 03 10.95		6 18 09.32	6 09 13.14	
55	54 06 37.99	54 06 38.72		6 09 14.33	6 00 17.40	
	54 03 10.95	54 03 11.68		6 09 13.14	6 00 16.94	
56	54 06 38.72	54 06 38.80		6 00 17.40	5 51 20.46	
	54 03 11.68	54 03 11.76		6 00 16.94	5 51 20.75	
57	54 03 10.95	54 03 11.68		6 09 13.14	6 00 16.94	
	53 59 43.91	53 59 44.64		6 09 11.94	6 00 16.49	

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
4	53 36 25.74	53 36 25.54		5 21 28.99	6 12 38.46	
	53 32 58.68	53 32 58.49		6 21 28.84	6 12 39.03	
5	53 36 25.54	53 36 24.69		6 12 38.46	6 03 47.94	
	53 32 58.49	53 32 57.64		6 12 39.03	6 03 49.23	
6	53 32 58.22	53 32 58.68		6 30 18.65	6 21 28.84	
	53 29 31.16	53 29 31.62		6 30 17.78	6 21 28.70	
7	53 32 58.68	53 32 58.49		6 21 28.84	6 12 39.03	
	53 29 31.62	53 29 31.42		6 21 28.70	6 12 39.60	
8	53 32 58.49	53 32 57.64		6 12 39.03	6 03 49.23	
	53 29 31.42	53 29 30.58		6 12 39.60	6 03 50.52	
9	53 31 14.11	53 31 12.61		6 03 49.87	5 55 00.44	
	53 27 47.04	53 27 45.56		6 03 51.16	5 55 02.44	
10	53 29 31.16	53 29 31.62		6 30 17.78	6 21 28.70	
	53 26 04.10	53 26 04.56		6 30 16.93	6 21 28.55	
11	53 29 31.62	53 29 31.42		6 21 28.70	6 12 39.60	
	53 26 04.56	53 26 04.36		6 21 28.55	6 12 40.18	
12	53 29 31.42	53 29 30.58		6 12 39.60	6 03 50.52	
	53 26 04.36	53 26 03.52		6 12 40.18	6 03 51.80	
13	53 26 04.10	53 26 04.56		6 30 16.93	6 21 28.55	
	53 22 37.04	53 22 37.49		6 30 16.07	6 21 28.41	
14	53 26 04.56	53 26 04.36		6 21 28.55	6 12 40.18	
	53 22 37.49	53 22 37.30		6 21 28.41	6 12 40.74	
15	53 26 04.36	53 26 03.52		6 12 40.18	6 03 51.80	
	53 22 37.30	53 22 36.46		6 12 40.74	6 03 53.08	
16	53 24 45.87	53 24 44.38		6 03 52.28	5 55 04.19	
	53 21 18.81	53 21 17.32		6 03 53.56	5 55 06.18	
17	53 22 37.04	53 22 37.49		6 30 16.07	6 21 28.41	
	53 19 09.97	53 19 10.43		6 30 15.22	6 21 28.26	
18	53 22 37.49	53 22 37.30		6 21 28.41	6 12 40.74	
	53 19 10.43	53 19 10.23		6 21 28.26	6 12 41.31	
19	53 22 37.30	53 22 36.46		6 12 40.74	6 03 53.08	
	53 19 10.23	53 19 09.39		6 12 41.31	6 03 54.36	
20	53 19 08.87	53 19 09.97		6 39 02.16	6 30 15.22	
	53 15 41.80	53 15 42.90		6 39 00.61	6 30 14.37	
21	53 19 09.97	53 19 10.43		6 30 15.22	6 21 28.26	
	53 15 42.90	53 15 43.36		6 30 14.37	6 21 28.12	

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Sheet No.	LATITUDE NORTH		LONGITUDE WEST			
	°	'	"	°	'	"
22	53 19 10·43	53 19 10·23		6 21 28·26	6 12 41·31	
	53 15 43·36	53 15 43·16		6 21 28·12	6 12 41·87	
23	53 19 10·23	53 19 09·39		6 12 41·31	6 03 54·36	
	53 15 43·16	53 15 42·33		6 12 41·87	6 03 55·63	
24	53 15 42·90	53 15 43·36		6 30 14·37	6 21 28·12	
	53 12 15·83	53 12 16·29		6 30 13·52	6 21 27·98	
25	53 15 43·36	53 15 43·16		6 21 28·12	6 12 41·87	
	53 12 16·29	53 12 16·10		6 21 27·98	6 12 42·44	
26	53 15 43·16	53 15 42·33		6 12 41·87	6 03 55·63	
	53 12 16·10	53 12 15·26		6 12 42·44	6 03 56·90	
27	53 12 16·29	53 12 16·10		6 21 27·98	6 12 42·44	
	53 08 49·21	53 08 49·02		6 21 27·83	6 12 42·99	
28	53 12 16·10	53 12 15·26		6 12 42·44	6 03 56·90	
	53 08 49·02	53 08 48·19		6 12 42·99	6 03 58·16	

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Sheet No.	LATITUDE NORTH		LONGITUDE WEST			
	°	'	"	°	'	"
11	54 30 04·39	54 30 04·17		7 40 30·66	7 31 28·62	
	54 26 37·37	54 26 37·15		7 40 30·53	7 31 29·25	
12	54 26 31·52	54 26 33·99		8 16 35·61	8 07 34·36	
	54 23 04·50	54 23 06·97		8 16 32·45	8 07 31·96	
13	54 26 33·99	54 26 35·79		8 07 34·36	7 58 33·09	
	54 23 06·97	54 23 08·76		8 07 31·96	7 58 31·45	
14	54 26 35·79	54 26 36·92		7 58 33·09	7 49 31·82	
	54 23 08·76	54 23 09·89		7 58 31·45	7 49 30·93	
15	54 26 36·92	54 26 37·37		7 49 31·82	7 40 30·53	
	54 23 09·89	54 23 10·34		7 49 30·93	7 40 30·40	
16	54 26 37·37	54 26 37·15		7 40 30·53	7 31 29·25	
	54 23 10·34	54 23 10·12		7 40 30·40	7 31 29·88	
17	54 26 37·15	54 26 36·25		7 31 29·25	7 22 27·97	
	54 23 10·12	54 23 09·22		7 31 29·88	7 22 29·36	
18	54 26 36·25	54 26 34·69		7 22 27·97	7 13 26·71	
	54 23 09·22	54 23 07·66		7 22 29·36	7 13 28·85	
19	54 23 06·97	54 23 08·76		8 07 31·96	7 58 31·45	
	54 19 39·94	54 19 41·73		8 07 29·56	7 58 29·81	
20	54 23 08·76	54 23 09·89		7 58 31·45	7 49 30·93	
	54 19 41·73	54 19 42·86		7 58 29·81	7 49 30·04	
21	54 23 09·89	54 23 10·34		7 49 30·93	7 40 30·40	
	54 19 42·86	54 19 43·31		7 49 30·04	7 40 30·27	
22	54 23 10·34	54 23 10·12		7 40 30·40	7 31 29·88	
	54 19 43·31	54 19 43·09		7 40 30·27	7 31 30·50	
23	54 23 10·12	54 23 09·22		7 31 29·88	7 22 29·36	
	54 19 43·09	54 19 42·20		7 31 30·50	7 22 30·74	
24	54 23 09·22	54 23 07·66		7 22 29·36	7 13 28·85	
	54 19 42·20	54 19 40·64		7 22 30·74	7 13 30·98	
25	54 19 41·73	54 19 42·86		7 58 29·81	7 49 30·04	
	54 16 14·70	54 16 15·82		7 58 28·17	7 49 29·16	
26	54 19 42·86	54 19 43·31		7 49 30·04	7 40 30·27	
	54 16 15·82	54 16 16·27		7 49 29·16	7 40 30·14	
27	54 19 43·31	54 19 43·09		7 40 30·27	7 31 30·50	
	54 16 16·27	54 16 16·05		7 40 30·14	7 31 31·13	
28	54 19 43·09	54 19 42·20		7 31 30·50	7 22 30·74	
	54 16 16·05	54 16 15·16		7 31 31·13	7 22 32·11	

Fermanagh

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
29	54 19 42.20	54 19 40.64		7 22 30.74	7 13 30.98	
	54 16 15.16	54 16 13.61		7 22 32.11	7 13 33.10	
30	54 19 40.64	54 19 38.40		7 13 30.98	7 04 31.24	
	54 16 13.61	54 16 11.38		7 13 33.10	7 04 34.11	
31	54 16 14.70	54 16 15.82		7 58 28.17	7 49 29.16	
	54 12 47.67	54 12 48.79		7 58 26.55	7 49 28.28	
32	54 16 15.82	54 16 16.27		7 49 29.16	7 40 30.14	
	54 12 48.79	54 12 49.24		7 49 28.28	7 40 30.01	
33	54 16 16.27	54 16 16.05		7 40 30.14	7 31 31.13	
	54 12 49.24	54 12 49.02		7 40 30.01	7 31 31.75	
34	54 16 16.05	54 16 15.16		7 31 31.13	7 22 32.11	
	54 12 49.02	54 12 48.13		7 31 31.75	7 22 33.48	
35	54 16 15.16	54 16 13.61		7 22 32.11	7 13 33.10	
	54 12 48.13	54 12 46.58		7 22 33.48	7 13 35.22	
36	54 16 13.61	54 16 11.38		7 13 33.10	7 04 34.11	
	54 12 46.58	54 12 44.36		7 13 35.22	7 04 36.98	
37	54 12 48.79	54 12 49.24		7 49 28.28	7 40 30.01	
	54 09 21.75	54 09 22.20		7 49 27.41	7 40 29.89	
38	54 12 49.24	54 12 49.02		7 40 30.01	7 31 31.75	
	54 09 22.20	54 09 21.98		7 40 29.89	7 31 32.36	
39	54 12 49.02	54 12 48.13		7 31 31.75	7 22 33.48	
	54 09 21.98	54 09 21.10		7 31 32.36	7 22 34.84	
40	54 12 48.13	54 12 46.58		7 22 33.48	7 13 35.22	
	54 09 21.10	54 09 19.55		7 22 34.84	7 13 37.33	
41	54 09 22.20	54 09 21.98		7 40 29.89	7 31 32.36	
	54 05 55.16	54 05 54.94		7 40 29.76	7 31 32.98	
42	54 09 21.98	54 09 21.10		7 31 32.36	7 22 34.84	
	54 05 54.94	54 05 54.06		7 31 32.98	7 22 36.20	
43	54 09 21.10	54 09 19.55		7 22 34.84	7 13 37.33	
	54 05 54.06	54 05 52.51		7 22 36.20	7 13 39.44	

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1	53 44 28.20	53 44 26.13	8 39 46.17	8 30 53.98
	53 41 01.15	53 40 59.09	8 39 48.10	8 30 56.62
2	53 44 26.13	53 44 23.41	8 30 53.98	8 22 01.79
	53 40 59.09	53 40 56.37	8 30 56.62	8 22 05.16

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
3	53 40 59.77	53 41 01.64		9 32 57.03	9 24 05.55	
	53 37 32.72	53 37 34.59		9 32 54.61	9 24 03.85	
4	53 41 03.31	53 41 02.56		8 57 31.07	8 48 39.58	
	53 37 36.26	53 37 35.50		8 57 31.54	8 48 40.77	
5	53 41 02.56	53 41 01.15		8 48 39.58	8 39 48.10	
	53 37 35.50	53 37 34.10		8 48 40.77	8 39 50.01	
6	53 41 01.15	53 40 59.09		8 39 48.10	8 30 56.62	
	53 37 34.10	53 37 32.04		8 39 50.01	8 30 59.26	
7	53 40 59.09	53 40 56.37		8 30 56.62	8 22 05.16	
	53 37 32.04	53 37 29.33		8 30 59.26	8 22 08.53	
8	53 40 56.37	53 40 53.00		8 22 05.16	8 13 13.73	
	53 37 29.33	53 37 25.97		8 22 08.53	8 13 17.81	
9	53 37 18.72	53 37 23.20		10 08 17.43	9 59 26.76	
	53 33 51.70	53 33 56.17		10 08 12.13	9 59 22.19	
10	53 37 23.20	53 37 27.03		9 59 26.76	9 50 36.07	
	53 33 56.17	53 33 59.99		9 59 22.19	9 50 32.21	
11	53 37 27.03	53 37 30.20		9 50 36.07	9 41 45.35	
	53 33 59.99	53 34 03.15		9 50 32.21	9 41 42.21	
12	53 37 30.20	53 37 32.72		9 41 45.35	9 32 54.61	
	53 34 03.15	53 34 05.67		9 41 42.21	9 32 52.19	
13	53 37 32.72	53 37 34.59		9 32 54.61	9 24 03.85	
	53 34 05.67	53 34 07.53		9 32 52.19	9 24 02.16	
14	53 37 34.59	53 37 35.79		9 24 03.85	9 15 13.09	
	53 34 07.53	53 34 08.74		9 24 02.16	9 15 12.11	
15	53 37 36.35	53 37 36.26		9 06 22.32	8 57 31.54	
	53 34 09.29	53 34 09.20		9 06 22.06	8 57 32.01	
16	53 37 36.26	53 37 35.50		8 57 31.54	8 48 40.77	
	53 34 09.20	53 34 08.45		8 57 32.01	8 48 41.96	
17	53 37 35.50	53 37 34.10		8 48 40.77	8 39 50.01	
	53 34 08.45	53 34 07.05		8 48 41.96	8 39 51.92	
18	53 37 34.10	53 37 32.04		8 39 50.01	8 30 59.26	
	53 34 07.05	53 34 04.99		8 39 51.92	8 31 01.89	
19	53 37 32.04	53 37 29.33		8 30 59.26	8 22 08.53	
	53 34 04.99	53 34 02.29		8 31 01.89	8 22 11.87	
20	53 37 29.33	53 37 25.97		8 22 08.53	8 13 17.81	
	53 34 02.29	53 33 58.93		8 22 11.87	8 13 21.88	

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
21	53	33	46·58	53	33	51·70	10	17	02·05
	53	30	19·57	53	30	24·68	10	16	56·05
22	53	33	51·70	53	33	56·17	10	08	12·13
	53	30	24·68	53	30	29·14	10	08	06·86
23	53	33	56·17	53	33	59·99	9	59	22·19
	53	30	29·14	53	30	32·95	9	59	17·63
24	53	33	59·99	53	34	03·15	9	50	32·21
	53	30	32·95	53	30	36·11	9	50	28·37
25	53	34	03·15	53	34	05·67	9	41	42·21
	53	30	36·11	53	30	38·62	9	41	39·09
26	53	34	05·67	53	34	07·53	9	32	52·19
	53	30	38·62	53	30	40·47	9	32	49·79
27	53	34	07·53	53	34	08·74	9	24	02·16
	53	30	40·47	53	30	41·68	9	24	00·47
28	53	34	09·29	53	34	09·20	9	06	22·06
	53	30	42·23	53	30	42·14	9	06	21·81
29	53	34	09·20	53	34	08·45	8	57	32·01
	53	30	42·14	53	30	41·39	8	57	32·47
30	53	34	08·45	53	34	07·05	8	48	41·96
	53	30	41·39	53	30	39·99	8	48	43·14
31	53	34	07·05	53	34	04·99	8	39	51·92
	53	30	39·99	53	30	37·94	8	39	53·82
32	53	34	04·99	53	34	02·29	8	31	01·89
	53	30	37·94	53	30	35·24	8	31	04·51
33	53	34	02·29	53	33	58·93	8	22	11·87
	53	30	35·24	53	30	31·89	8	22	15·21
34	53	30	19·57	53	30	24·68	10	16	56·05
	53	26	52·55	53	26	57·65	10	16	50·08
35	53	30	24·68	53	30	29·14	10	08	06·86
	53	26	57·65	53	27	02·11	10	08	01·60
36	53	30	29·14	53	30	32·95	9	59	17·63
	53	27	02·11	53	27	05·91	9	59	13·08
37	53	30	34·95	53	30	36·11	9	50	28·37
	53	27	05·91	53	27	09·06	9	50	24·54
38	53	30	36·11	53	30	38·62	9	41	39·09
	53	27	09·06	53	27	11·56	9	41	35·97

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
39	53	30	38·62	53	30	40·47	9	32	49·79
	53	27	11·56	53	27	13·42	9	32	47·39
40	53	30	40·47	53	30	41·68	9	24	00·47
	53	27	13·42	53	27	14·62	9	23	58·79
41	53	30	41·68	53	30	42·23	9	15	11·14
	53	27	14·62	53	27	15·17	9	15	10·17
42	53	30	42·23	53	30	42·14	9	06	21·81
	53	27	15·17	53	27	15·08	9	06	21·56
43	53	30	42·14	53	30	41·39	8	57	32·47
	53	27	15·08	53	27	14·33	8	57	32·94
44	53	30	41·39	53	30	39·99	8	48	43·14
	53	27	14·33	53	27	12·94	8	48	44·32
45	53	30	39·99	53	30	37·94	8	39	53·82
	53	27	12·94	53	27	10·89	8	39	55·71
46	53	30	37·94	53	30	35·24	8	31	04·51
	53	27	10·89	53	27	08·20	8	31	07·12
47	53	30	35·24	53	30	31·89	8	22	15·21
	53	27	08·20	53	27	04·85	8	22	18·53
48	53	26	52·55	53	26	57·65	10	16	50·08
	53	23	25·54	53	23	30·63	10	16	44·12
49	53	26	57·65	53	27	02·11	10	08	01·60
	53	23	30·63	53	23	35·07	10	07	56·36
50	53	27	02·11	53	27	05·91	9	59	13·08
	53	23	35·07	53	23	38·86	9	59	08·55
51	53	27	05·91	53	27	09·06	9	50	24·54
	53	23	38·86	53	23	42·01	9	50	20·72
52	53	27	09·06	53	27	11·56	9	41	35·97
	53	23	42·01	53	23	44·51	9	41	32·87
53	53	27	11·56	53	27	13·42	9	32	47·39
	53	23	44·51	53	23	46·36	9	32	45·00
54	53	27	13·42	53	27	14·62	9	23	58·79
	53	23	46·36	53	23	47·56	9	23	57·11
55	53	27	14·62	53	27	15·17	9	15	10·17
	53	23	47·56	53	23	48·11	9	15	09·21
56	53	27	15·17	53	27	15·08	9	06	21·56
	53	23	48·11	53	23	48·01	9	06	21·31

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
57	53 27 15.08	53 27 14.33		8 57 32.94	8 48 44.32	
	53 23 48.01	53 23 47.27		8 57 33.40	8 48 45.50	
58	53 27 14.33	53 27 12.94		8 48 44.32	8 39 55.71	
	53 23 47.27	53 23 45.88		8 48 45.50	8 39 57.60	
59	53 27 12.94	53 27 10.89		8 39 55.71	8 31 07.12	
	53 23 45.88	53 23 43.84		8 39 57.60	8 31 09.72	
60	53 27 10.89	53 27 08.20		8 31 07.12	8 22 18.53	
	53 23 43.84	53 23 41.15		8 31 09.72	8 22 21.85	
61	53 27 08.20	53 27 04.85		8 22 18.53	8 13 29.97	
	53 23 41.15	53 23 37.81		8 22 21.85	8 13 34.00	
62	53 23 30.63	53 23 35.07		10 07 56.36	9 59 08.55	
	53 20 03.60	53 20 08.03		10 07 51.13	9 59 04.04	
63	53 23 35.07	53 23 38.86		9 59 08.55	9 50 20.72	
	53 20 08.03	53 20 11.82		9 59 04.04	9 50 16.92	
64	53 23 38.86	53 23 42.01		9 50 20.72	9 41 32.87	
	53 20 11.82	53 20 14.96		9 50 16.92	9 41 29.78	
65	53 23 42.01	53 23 44.51		9 41 32.87	9 32 45.00	
	53 20 14.96	53 20 17.45		9 41 29.78	9 32 42.62	
66	53 23 44.51	53 23 46.36		9 32 45.00	9 23 57.11	
	53 20 17.45	53 20 19.29		9 32 42.62	9 23 55.44	
67	53 23 46.36	53 23 47.56		9 23 57.11	9 15 09.21	
	53 20 19.29	53 20 20.49		9 23 55.44	9 15 08.25	
68	53 23 47.56	53 23 48.11		9 15 09.21	9 06 21.31	
	53 20 20.49	53 20 21.04		9 15 08.25	9 06 21.06	
69	53 23 48.11	53 23 48.01		9 06 21.31	8 57 33.40	
	53 20 21.04	53 20 20.95		9 06 21.06	8 57 33.86	
70	53 23 48.01	53 23 47.27		8 57 33.40	8 48 45.50	
	53 20 20.95	53 20 20.20		8 57 33.86	8 48 46.67	
71	53 23 47.27	53 23 45.88		8 48 45.50	8 39 57.60	
	53 20 20.20	53 20 18.82		8 48 46.67	8 39 59.48	
72	53 23 45.88	53 23 43.84		8 39 57.60	8 31 09.72	
	53 20 18.82	53 20 16.78		8 39 59.48	8 31 12.31	
73	53 23 43.84	53 23 41.15		8 31 09.72	8 22 21.85	
	53 20 16.78	53 20 14.10		8 31 12.31	8 22 25.15	
74	53 23 41.15	53 23 37.81		8 22 21.85	8 13 34.00	
	53 20 14.10	53 20 10.77		8 22 25.15	8 13 38.01	

Galway

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
75	53 20 03.60	53 20 08.03		10 07 51.13	9 59 04.04	
	53 16 36.57	53 16 40.99		10 07 45.93	9 58 59.55	
76	53 20 08.03	53 20 11.82		9 59 04.04	9 50 16.92	
	53 16 40.99	53 16 44.77		9 58 59.55	9 50 13.13	
77	53 20 11.82	53 20 14.96		9 50 16.92	9 41 29.78	
	53 16 44.77	53 16 47.90		9 50 13.13	9 41 26.70	
78	53 20 14.96	53 20 17.45		9 41 29.78	9 32 42.62	
	53 16 47.90	53 16 50.39		9 41 26.70	9 32 40.24	
79	53 20 17.45	53 20 19.29		9 32 42.62	9 23 55.44	
	53 16 50.39	53 16 52.23		9 32 40.24	9 23 53.77	
80	53 20 19.29	53 20 20.49		9 23 55.44	9 15 08.25	
	53 16 52.23	53 16 53.43		9 23 53.77	9 15 07.29	
81	53 20 20.49	53 20 21.04		9 15 08.25	9 06 21.06	
	53 16 53.43	53 16 53.98		9 15 07.29	9 06 20.81	
82	53 20 21.04	53 20 20.95		9 06 21.06	8 57 33.86	
	53 16 53.98	53 16 53.88		9 06 20.81	8 57 34.32	
83	53 20 20.95	53 20 20.20		8 57 33.86	8 48 46.67	
	53 16 53.88	53 16 53.14		8 57 34.32	8 48 47.83	
84	53 20 20.20	53 20 18.82		8 48 46.67	8 39 59.48	
	53 16 53.14	53 16 51.75		8 48 47.83	8 40 01.36	
85	53 20 18.82	53 20 16.78		8 39 59.48	8 31 12.31	
	53 16 51.75	53 16 49.72		8 40 01.36	8 31 14.89	
86	53 20 16.78	53 20 14.10		8 31 12.31	8 22 25.15	
	53 16 49.72	53 16 47.04		8 31 14.89	8 22 28.44	
87	53 20 14.10	53 20 10.77		8 22 25.15	8 13 38.01	
	53 16 47.04	53 16 43.72		8 22 28.44	8 13 42.01	
88	53 20 10.77	53 20 06.79		8 13 38.01	8 04 50.90	
	53 16 43.72	53 16 39.75		8 13 42.01	8 04 55.61	
89	53 20 06.79	53 16 47.90		8 04 55.61	8 04 44.00	
	53 16 39.75	53 16 20.84		8 04 44.00	8 04 44.00	
90	53 16 47.90	53 16 50.39		9 41 26.70	9 32 40.24	
	53 16 20.84	53 16 23.33		9 41 23.62	9 32 37.88	
91	53 16 50.39	53 16 52.23		9 32 40.24	9 23 53.77	
	53 16 23.33	53 16 25.16		9 32 37.88	9 23 52.11	
92	53 16 52.23	53 16 53.43		9 23 53.77	9 15 07.29	
	53 16 25.16	53 16 26.36		9 23 52.11	9 15 06.34	

Galway

Galway

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
93	53	16	53.43	53	16	53.98	9	15	07.29
	53	13	26.36	53	13	26.91	9	15	06.34
94	53	16	53.98	53	16	53.88	9	06	20.81
	53	13	26.91	53	13	26.81	9	06	20.56
95	53	16	53.88	53	16	53.14	8	57	34.32
	53	13	26.81	53	13	26.07	8	57	34.78
96	53	16	53.14	53	16	51.75	8	48	47.83
	53	13	26.07	53	13	24.69	8	48	49.00
97	53	16	51.75	53	16	49.72	8	40	01.36
	53	13	24.69	53	13	22.66	8	40	03.23
98	53	16	49.72	53	16	47.04	8	31	14.89
	53	13	22.66	53	13	19.99	8	31	17.46
99	53	16	47.04	53	16	43.72	8	22	28.44
	53	13	19.99	53	13	16.67	8	22	31.72
100	53	16	43.72	53	16	39.75	8	13	42.01
	53	13	16.67	53	13	12.71	8	13	46.00
101	53	16	39.75	53	16	35.14	8	04	55.61
	53	13	12.71	53	13	08.12	8	05	00.30
102	53	13	26.91	53	13	26.81	9	06	20.56
	53	09	59.84	53	09	59.74	9	06	20.31
103	53	13	26.81	53	13	26.07	8	57	34.78
	53	09	59.74	53	09	59.00	8	57	35.23
104	53	13	26.07	53	13	24.69	8	48	49.00
	53	09	59.00	53	09	57.62	8	48	50.15
105	53	13	24.69	53	13	22.66	8	40	03.23
	53	09	57.62	53	09	55.60	8	40	05.09
106	53	13	22.66	53	13	19.99	8	31	17.46
	53	09	55.60	53	09	52.93	8	31	20.03
107	53	13	19.99	53	13	16.67	8	22	31.72
	53	09	52.93	53	09	49.62	8	22	34.99
108	53	13	16.67	53	13	12.71	8	13	46.00
	53	09	49.62	53	09	45.67	8	13	49.97
109	53	13	12.71	53	13	08.12	8	05	00.30
	53	09	45.67	53	09	41.07	8	05	04.97
110	53	09	50.67	53	09	53.79	9	50	05.59
	53	06	23.61	53	06	26.73	9	50	01.84

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
III	53	09	53.79	53	09	56.26	9	41	20.56
	53	06	26.73	53	06	29.20	9	41	17.51
II12	53	09	59.84	53	09	59.74	9	06	20.31
	53	06	32.76	53	06	32.67	9	06	20.06
II13	53	09	59.74	53	09	59.00	8	57	35.23
	53	06	32.67	53	06	31.93	8	57	35.68
II14	53	09	59.00	53	09	57.62	8	48	50.15
	53	06	31.93	53	06	30.55	8	48	51.31
II15	53	09	57.62	53	09	55.60	8	40	05.09
	53	06	30.55	53	06	28.53	8	40	06.94
II16	53	09	55.60	53	09	52.93	8	31	20.03
	53	06	28.53	53	06	25.87	8	31	22.59
II17	53	09	52.93	53	09	49.62	8	22	34.99
	53	06	25.87	53	06	22.57	8	22	38.25
II18	53	09	49.62	53	09	45.67	8	13	49.97
	53	06	22.57	53	06	18.62	8	13	53.93
II19	53	06	26.73	53	06	29.20	9	41	17.51
	53	02	59.66	53	03	02.13	9	41	14.48
II20	53	06	29.20	53	06	31.03	9	32	33.17
	53	03	02.13	53	03	03.95	9	32	30.83
II21	53	06	32.76	53	06	32.67	9	06	20.06
	53	03	05.69	53	03	05.59	9	06	19.82
II22	53	06	32.67	53	06	31.93	8	57	35.68
	53	03	05.59	53	03	04.86	8	57	36.14
II23	53	06	31.93	53	06	30.55	8	48	51.31
	53	03	04.86	53	03	03.48	8	48	52.46
II24	53	06	30.55	53	06	28.53	8	40	06.94
	53	03	03.48	53	03	01.47	8	40	08.79
II25	53	06	28.53	53	06	25.87	8	31	22.59
	53	03	01.47	53	02	58.81	8	31	25.13
II26	53	06	25.87	53	06	22.57	8	22	38.25
	53	02	58.81	53	02	55.51	8	22	41.49
II27	53	06	22.57	53	06	18.62	8	13	53.93
	53	02	55.51	53	02	51.58	8	13	57.87
II28	53	03	05.59	53	03	04.86	8	57	36.14
	52	59	38.51	52	59	37.78	8	57	36.59

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
129	53	03	04.86	53	03	03.48
	52	59	37.78	52	59	36.41
130	53	03	03.48	53	03	01.47
	52	59	36.41	52	59	34.40
131	53	03	01.47	53	02	58.81
	52	59	34.40	52	59	31.75
132	53	02	58.81	53	02	55.51
	52	59	31.75	52	59	28.46
133	52	59	38.51	52	59	37.78
	52	56	11.43	52	56	10.70
134	52	59	34.40	52	59	31.75
	52	56	07.33	52	56	04.68
135	52	59	31.75	52	59	28.46
	52	56	04.68	52	56	01.40
136	52	56	07.33	52	56	04.68
	52	52	40.25	52	52	37.61
137	52	56	04.68	52	56	01.40
	52	52	37.61	52	52	34.34

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
1	52	35	58.95	52	35	58.90
	52	32	31.85	52	32	31.80
2	52	35	58.90	52	35	58.22
	52	32	31.80	52	32	31.12
3	52	35	58.22	52	35	56.90
	52	32	31.12	52	32	29.82
4	52	32	31.85	52	32	31.80
	52	29	04.76	52	29	04.71
5	52	32	31.80	52	32	31.12
	52	29	04.71	52	29	04.03
6	52	32	31.12	52	32	29.82
	52	29	04.03	52	29	02.73
7	52	32	29.82	52	32	27.88
	52	29	02.73	52	29	00.79
8	52	29	04.18	52	29	04.76
	52	25	37.08	52	25	37.66

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
9	52	29	04.76	52	29	04.71
	52	25	37.66	52	25	37.61
10	52	29	04.71	52	29	04.03
	52	25	37.61	52	25	36.93
11	52	29	04.03	52	29	02.73
	52	25	36.93	52	25	35.93
12	52	29	02.73	52	29	00.79
	52	25	35.63	52	25	33.70
13	52	25	35.88	52	25	37.08
	52	22	08.79	52	22	09.99
14	52	25	37.08	52	25	37.66
	52	22	09.99	52	22	10.56
15	52	25	37.66	52	25	37.61
	52	22	10.56	52	22	10.51
16	52	25	37.61	52	25	36.93
	52	22	10.51	52	22	09.84
17	52	25	36.93	52	25	35.63
	52	22	09.84	52	22	08.54
18	52	25	35.63	52	25	33.70
	52	22	08.54	52	22	06.61
19	52	22	08.79	52	22	09.99
	52	18	41.69	52	18	42.88
20	52	22	09.99	52	22	10.56
	52	18	42.88	52	18	43.46
21	52	22	10.56	52	22	10.51
	52	18	43.46	52	18	43.41
22	52	22	10.51	52	22	09.84
	52	18	43.41	52	18	42.74
23	52	22	09.84	52	22	08.54
	52	18	42.74	52	18	41.44
24	52	22	08.54	52	22	06.61
	52	18	41.44	52	18	39.52
25	52	18	37.42	52	18	39.87
	52	15	10.33	52	15	12.77
26	52	18	39.87	52	18	41.69
	52	15	12.77	52	15	14.59

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
27	52	18	41.69	52	18	42.88
	52	15	14.59	52	15	15.78
28	52	18	42.88	52	18	43.46
	52	15	15.78	52	15	16.36
29	52	18	43.46	52	18	43.41
	52	15	16.36	52	15	16.31
30	52	18	43.41	52	18	42.74
	52	15	16.31	52	15	15.64
31	52	18	42.74	52	18	41.44
	52	15	15.64	52	15	14.34
32	52	18	41.44	52	18	39.52
	52	15	14.34	52	15	12.42
33	52	15	07.27	52	15	10.33
	52	11	40.18	52	11	43.24
34	52	15	10.33	52	15	12.77
	52	11	43.24	52	11	45.67
35	52	15	12.77	52	15	14.59
	52	11	45.67	52	11	47.49
36	52	15	14.59	52	15	15.78
	52	11	47.49	52	11	48.68
37	52	15	15.78	52	15	16.36
	52	11	48.68	52	11	49.25
38	52	15	16.36	52	15	16.31
	52	11	49.25	52	11	49.20
39	52	15	16.31	52	15	15.64
	52	11	49.20	52	11	48.53
40	52	15	15.64	52	15	14.34
	52	11	48.53	52	11	47.24
41	52	15	14.34	52	15	12.42
	52	11	47.24	52	11	45.33
42	52	11	40.18	52	11	43.24
	52	08	13.10	52	08	16.14
43	52	11	43.24	52	11	45.67
	52	08	16.14	52	08	18.57
44	52	11	45.67	52	11	47.49
	52	08	18.57	52	08	20.38

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
45	52	11	47.49	52	11	48.68
	52	08	20.38	52	08	21.57
46	52	11	48.68	52	11	49.25
	52	08	21.57	52	08	22.14
47	52	11	49.25	52	11	49.20
	52	08	22.14	52	08	22.09
48	52	11	49.20	52	11	48.53
	52	08	22.09	52	08	21.42
49	52	11	48.53	52	11	47.24
	52	08	21.42	52	08	20.14
50	52	11	47.24	52	11	45.33
	52	08	20.14	52	08	18.23
51	52	08	09.43	52	08	13.10
	52	04	42.34	52	04	46.01
52	52	08	13.10	52	08	16.14
	52	04	46.01	52	04	49.05
53	52	08	16.14	52	08	18.57
	52	04	49.05	52	04	51.47
54	52	08	18.57	52	08	20.38
	52	04	51.47	52	04	53.28
55	52	08	20.38	52	08	21.57
	52	04	53.28	52	04	54.46
56	52	08	21.57	52	08	22.14
	52	04	54.46	52	04	55.03
57	52	08	22.14	52	08	22.09
	52	04	55.03	52	04	54.98
58	52	08	22.09	52	08	21.42
	52	04	54.98	52	04	54.32
59	52	08	21.42	52	08	20.14
	52	04	54.32	52	04	53.03
60	52	08	20.14	52	08	18.23
	52	04	53.03	52	04	51.13
61	52	04	42.34	52	04	46.01
	52	01	15.26	52	01	18.91
62	52	04	51.47	52	04	53.28
	52	01	24.37	52	01	26.17

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
63	52	04	53.28	52	04	54.46	10	02	47.78
	52	01	26.17	52	01	27.35	10	02	46.19
64	52	04	54.46	52	04	55.03	9	54	15.53
	52	01	27.35	52	01	27.92	9	54	14.60
65	52	04	55.03	52	04	54.98	9	45	43.28
	52	01	27.92	52	01	27.87	9	45	43.00
66	52	04	54.98	52	04	54.32	9	37	11.02
	52	01	27.87	52	01	27.21	9	37	11.40
67	52	04	54.32	52	04	53.03	9	28	38.77
	52	01	27.21	52	01	25.92	9	28	39.81
68	52	04	53.03	52	04	51.13	9	20	06.52
	52	01	25.92	52	01	24.02	9	20	08.22
69	52	01	21.95	52	01	24.37	10	19	49.34
	51	57	54.85	51	57	57.26	10	19	46.45
70	52	01	24.37	52	01	26.17	10	11	17.77
	51	57	57.26	51	57	59.06	10	11	15.53
71	52	01	26.17	52	01	27.35	10	02	46.19
	51	57	59.06	51	58	00.24	10	02	44.61
72	52	01	27.35	52	01	27.92	9	54	14.60
	51	58	00.24	51	58	00.81	9	54	13.67
73	52	01	27.92	52	01	27.87	9	45	43.00
	51	58	00.81	51	58	00.76	9	45	42.73
74	52	01	27.87	52	01	27.21	9	37	11.40
	51	58	00.76	51	58	00.09	9	37	11.78
75	52	01	27.21	52	01	25.92	9	28	39.81
	51	58	00.09	51	57	58.81	9	28	40.84
76	52	01	25.92	52	01	24.02	9	20	08.22
	51	57	58.81	51	57	56.92	9	20	09.91
77	52	01	24.02	52	01	21.51	9	11	36.64
	51	57	56.92	51	57	54.41	9	11	38.98
78	51	57	51.82	51	57	54.85	10	28	17.34
	51	54	24.72	51	54	27.74	10	28	13.80
79	51	57	54.85	51	57	57.26	10	19	46.45
	51	54	27.74	51	54	30.15	10	19	43.56
80	51	57	57.26	51	57	59.06	10	11	15.53
	51	54	30.15	51	54	31.95	10	11	13.30

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
81	51	57	59.06	51	58	00.24	10	02	44.61
	51	54	31.95	51	54	33.13	10	02	43.03
82	51	58	00.24	51	58	00.81	9	54	13.67
	51	54	33.13	51	54	33.69	9	54	12.74
83	51	58	00.81	51	58	00.76	9	45	42.73
	51	54	33.69	51	54	33.64	9	45	42.45
84	51	58	00.76	51	58	00.09	9	37	11.78
	51	54	33.64	51	54	32.98	9	37	12.16
85	51	58	00.09	51	57	58.81	9	28	40.84
	51	54	32.98	51	54	31.70	9	28	41.88
86	51	57	58.81	51	57	56.92	9	20	09.91
	51	54	31.70	51	54	29.81	9	20	11.59
87	51	54	24.72	51	54	27.74	10	28	13.80
	51	50	57.62	51	51	00.64	10	28	10.28
88	51	54	27.74	51	54	30.15	10	19	43.56
	51	51	00.64	51	51	03.04	10	19	40.68
89	51	54	30.15	51	54	31.95	10	11	13.30
	51	51	03.04	51	51	04.83	10	11	11.07
90	51	54	31.95	51	54	33.13	10	02	43.03
	51	51	04.83	51	51	06.01	10	02	41.45
91	51	54	33.13	51	54	33.69	9	54	12.74
	51	51	06.01	51	51	06.58	9	54	11.82
92	51	54	33.69	51	54	33.64	9	45	42.45
	51	51	06.58	51	51	06.53	9	45	42.18
93	51	54	33.64	51	54	32.98	9	37	12.16
	51	51	06.53	51	51	05.86	9	37	12.54
94	51	54	32.98	51	54	31.70	9	28	41.88
	51	51	05.86	51	51	04.59	9	28	42.90
95	51	54	31.70	51	54	29.81	9	20	11.59
	51	51	04.59	51	51	02.70	9	20	13.27
96	51	50	57.62	51	51	00.64	10	28	10.28
	51	47	30.52	51	47	33.53	10	28	06.76
97	51	51	00.64	51	51	03.04	10	19	40.68
	51	47	33.53	51	47	35.93	10	19	37.82
98	51	51	03.04	51	51	04.83	10	11	11.07
	51	47	35.93	51	47	37.72	10	11	08.85

Kerry

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
99	51	51	04.83	51	51	06.01	10	02	41.45
	51	47	37.72	51	47	38.89	10	02	39.88
100	51	51	06.01	51	51	06.58	9	54	11.82
	51	47	38.89	51	47	39.46	9	54	10.90
101	51	51	06.58	51	51	06.53	9	45	42.18
	51	47	39.46	51	47	39.41	9	45	41.91
102	51	51	06.53	51	51	05.86	9	37	12.54
	51	47	39.41	51	47	38.75	9	37	12.92
103	51	51	05.86	51	51	04.59	9	28	42.90
	51	47	38.75	51	47	37.47	9	28	43.93
104	51	47	30.52	51	47	33.53	10	28	06.76
	51	44	03.42	51	44	06.42	10	28	03.25
105	51	47	33.53	51	47	35.93	10	19	37.82
	51	44	06.42	51	44	08.82	10	19	34.96
106	51	47	35.93	51	47	37.72	10	11	08.85
	51	44	08.82	51	44	10.60	10	11	06.64
107	51	47	37.72	51	47	38.89	10	02	39.88
	51	44	10.60	51	44	11.77	10	02	38.31
108	51	47	38.89	51	47	39.46	9	54	10.90
	51	44	11.77	51	44	12.33	9	54	09.98
109	51	47	39.46	51	47	39.41	9	45	41.91
	51	44	12.33	51	44	12.29	9	45	41.64
110	51	47	39.41	51	47	38.75	9	37	12.92
	51	44	12.29	51	44	11.63	9	37	13.29
111	51	44	11.77	51	44	12.33	9	54	09.98
	51	40	44.65	51	40	45.21	9	54	09.06

Kildare

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
5	53	25	49.29	53	25	48.18	6	43	34.99
	53	22	22.23	53	22	21.11	6	43	35.86
6	53	25	48.18	53	25	46.41	6	34	46.67
	53	22	21.11	53	22	19.35	6	34	48.25
7	53	22	21.69	53	22	22.52	7	09	58.70
	53	18	54.62	53	18	55.45	7	09	57.43
8	53	22	22.52	53	22	22.70	7	01	11.09
	53	18	55.45	53	18	55.63	7	01	10.53
9	53	22	22.70	53	22	22.23	6	52	23.47
	53	18	55.63	53	18	55.16	6	52	23.63
10	53	22	22.23	53	22	21.11	6	43	35.86
	53	18	55.16	53	18	54.05	6	43	36.72
11	53	22	21.11	53	22	19.35	6	34	48.25
	53	18	54.05	53	18	52.29	6	34	49.83
12	53	18	55.45	53	18	55.63	7	01	10.53
	53	15	28.38	53	15	28.56	7	01	09.98
13	53	18	55.63	53	18	55.16	6	52	23.63
	53	15	28.56	53	15	28.10	6	52	23.79
14	53	18	55.16	53	18	54.05	6	43	36.72
	53	15	28.10	53	15	26.99	6	43	37.59
15	53	18	54.05	52	18	52.29	6	34	49.83
	53	15	26.99	53	15	25.23	6	34	51.40
16	53	15	27.56	53	15	28.38	7	09	56.17
	53	12	00.49	53	12	01.31	7	09	54.92
17	53	15	28.38	53	15	28.56	7	01	09.98
	53	12	01.31	53	12	01.49	7	01	09.42
18	53	15	28.56	53	15	28.10	6	52	23.79
	53	12	01.49	53	12	01.03	6	52	23.94
19	53	15	28.10	53	15	26.99	6	43	37.59
	53	12	01.03	53	11	59.92	6	43	38.45
20	53	15	26.99	53	15	25.23	6	34	51.40
	53	11	59.92	53	11	58.17	6	34	52.97
21	53	12	00.49	53	12	01.31	7	09	54.92
	53	08	33.42	53	08	34.24	7	09	53.67
22	53	12	01.31	53	12	01.49	7	01	09.42
	53	08	34.24	53	08	34.42	7	01	08.88

Kildare

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
23	53	12	01.49	53	12	01.03
	53	08	34.42	53	08	33.95
24	53	12	01.03	53	11	59.92
	53	08	33.95	53	08	32.85
25	53	11	59.92	53	11	58.17
	53	08	32.85	53	08	31.10
26	53	08	33.42	53	08	34.24
	53	05	06.34	53	05	07.16
27	53	08	34.24	53	08	34.42
	53	05	07.16	53	05	07.34
28	53	08	34.42	53	08	33.95
	53	05	07.34	53	05	06.88
29	53	08	33.95	53	08	32.85
	53	05	06.88	53	05	05.78
30	53	05	06.34	53	05	07.16
	53	01	39.27	53	01	40.09
31	53	05	07.16	53	05	07.34
	53	01	40.09	53	01	40.27
32	53	05	07.34	53	05	06.88
	53	01	40.27	53	01	39.81
33	53	05	06.88	53	05	05.78
	53	01	39.81	53	01	38.71
34	53	01	39.27	53	01	40.09
	52	58	12.19	52	58	13.01
35	53	01	40.09	53	01	40.27
	52	58	13.01	52	58	13.19
36	53	01	40.27	52	01	39.81
	52	58	13.19	52	58	12.73
37	52	58	13.01	52	58	13.19
	52	54	45.93	52	54	46.11
38	52	58	13.19	52	58	12.73
	52	54	46.11	52	54	45.65
39	52	54	45.93	52	54	46.11
	52	51	18.85	52	51	19.03
40	52	54	46.11	52	54	45.65
	52	51	19.03	52	51	18.57

Kilkenny

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
1	52	54	26.29	52	54	26.41
	52	50	59.21	52	50	59.32
2	52	54	26.41	52	54	25.88
	52	50	59.32	52	50	58.80
3	52	50	57.07	52	50	58.46
	52	47	29.99	52	47	31.38
4	52	50	58.46	52	50	59.21
	52	47	31.38	52	47	32.12
5	52	50	59.21	52	50	59.32
	52	47	32.12	52	47	32.24
6	52	50	59.32	52	50	58.80
	52	47	32.24	52	47	31.72
7	52	47	27.98	52	47	29.99
	52	44	00.90	52	44	02.91
8	52	47	29.99	52	47	31.38
	52	44	02.91	52	44	04.29
9	52	47	31.38	52	47	32.12
	52	44	04.29	52	44	05.04
10	52	47	32.12	52	47	32.24
	52	44	05.04	52	44	05.15
11	52	47	32.24	52	47	31.72
	52	44	05.15	52	44	04.63
12	52	44	02.91	52	44	04.29
	52	40	35.83	52	40	37.20
13	52	44	04.29	52	44	05.04
	52	40	37.20	52	40	37.95
14	52	44	05.04	52	44	05.15
	52	40	37.95	52	40	38.06
15	52	44	05.15	52	44	04.63
	52	40	38.06	52	40	37.55
16	52	44	04.63	52	44	03.48
	52	40	37.55	52	40	36.40
17	52	40	35.83	52	40	37.20
	52	37	08.74	52	37	10.12
18	52	40	37.20	52	40	37.95
	52	37	10.12	52	37	10.86

Kilkenny

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
19	52 40 37.95	52 40 38.06		7 20 38.00	7 11 58.81	
	52 37 10.86	52 37 10.97		7 20 37.54	7 11 59.02	
20	52 40 38.06	52 40 37.55		7 11 58.81	7 03 19.62	
	52 37 10.97	52 37 10.46		7 11 59.02	7 03 20.52	
21	52 40 37.55	52 40 36.40		7 03 19.62	6 54 40.43	
	52 37 10.46	52 37 09.31		7 03 20.52	6 54 42.01	
22	52 37 10.12	52 37 10.86		7 29 16.04	7 20 37.54	
	52 33 43.02	52 33 43.77		7 29 14.90	7 20 37.07	
23	52 37 10.86	52 37 10.97		7 20 37.54	7 11 59.02	
	52 33 43.77	52 33 43.88		7 20 37.07	7 11 59.24	
24	52 37 10.97	52 37 10.46		7 11 59.02	7 03 20.52	
	52 33 43.88	52 33 43.36		7 11 59.24	7 03 21.41	
25	52 37 10.46	52 37 09.31		7 03 20.52	6 54 42.01	
	52 33 43.36	52 33 42.22		7 03 21.41	6 54 43.59	
26	52 33 43.02	52 33 43.77		7 29 14.90	7 20 37.07	
	52 30 15.93	52 30 16.67		7 29 13.77	7 20 36.61	
27	52 33 43.77	52 33 43.88		7 20 37.07	7 11 59.24	
	52 30 16.67	52 30 16.78		7 20 36.61	7 11 59.46	
28	52 33 43.88	52 33 43.36		7 11 59.24	7 03 21.41	
	52 30 16.78	52 30 16.27		7 11 59.46	7 03 22.30	
29	52 33 43.36	52 33 42.22		7 03 21.41	6 54 43.59	
	52 30 16.27	52 30 15.13		7 03 22.30	6 54 45.15	
30	52 30 15.93	52 30 16.67		7 29 13.77	7 20 36.61	
	52 26 48.83	52 26 49.57		7 29 12.63	7 20 36.15	
31	52 30 16.67	52 30 16.78		7 20 36.61	7 11 59.46	
	52 26 49.57	52 26 49.69		7 20 36.15	7 11 59.67	
32	52 30 16.78	52 30 16.27		7 11 59.46	7 03 22.30	
	52 26 49.69	52 26 49.17		7 11 59.67	7 03 23.19	
33	52 30 16.27	52 30 15.13		7 03 22.30	6 54 45.15	
	52 26 49.17	52 26 48.03		7 03 23.19	6 54 46.72	
34	52 26 48.83	52 26 49.57		7 29 12.63	7 20 36.15	
	52 23 21.74	52 23 22.48		7 29 11.51	7 20 35.70	
35	52 26 49.57	52 26 49.69		7 20 36.15	7 11 59.67	
	52 23 22.48	52 23 22.59		7 20 35.70	7 11 59.89	
36	52 26 49.69	52 26 49.17		7 11 59.67	7 03 23.19	
	52 23 22.59	52 23 22.08		7 11 59.89	7 03 24.08	

Kilkenny

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
37	52 26 49.17	52 26 48.03		7 03 23.19	6 54 46.72	
	52 23 22.08	52 23 20.94		7 03 24.08	6 54 48.28	
38	52 23 21.74	52 23 22.48		7 29 11.51	7 20 35.70	
	52 19 54.64	52 19 55.38		7 29 10.38	7 20 35.24	
39	52 23 22.48	52 23 22.59		7 20 35.70	7 11 59.89	
	52 19 55.38	52 19 55.49		7 20 35.24	7 12 00.10	
40	52 23 22.59	52 23 20.94		7 11 59.89	7 03 24.08	
	52 19 55.49	52 19 54.98		7 03 24.08	7 03 24.96	
41	52 19 54.98	52 19 53.84		7 03 24.96	6 54 49.83	
	52 19 55.38	52 19 55.49		7 20 35.24	7 12 00.10	
42	52 16 28.27	52 16 28.39		7 20 33.79	7 12 00.31	
	52 19 55.49	52 19 54.98		7 12 00.10	7 03 24.96	
43	52 16 28.39	52 16 27.88		7 12 00.31	7 03 25.84	
	52 19 54.98	52 19 53.84		7 03 24.96	6 54 49.83	
44	52 16 27.88	52 16 26.74		7 03 25.84	6 54 51.37	
	52 16 28.27	52 16 28.39		7 20 33.79	7 12 00.31	
45	52 13 01.17	52 13 01.28		7 20 34.33	7 12 00.53	
	52 16 28.39	52 16 27.88		7 12 00.31	7 03 25.84	
46	52 13 01.28	52 13 00.77		7 12 00.53	7 03 26.72	
	52 16 27.88	52 16 26.74		7 03 25.84	6 54 51.37	
47	52 13 00.77	52 12 59.64		7 03 26.72	6 54 52.92	

Leitrim

1	54 28 39.10	54 28 40.39	8 26 47.85	8 17 46.12
	54 25 12.08	54 25 13.36	8 26 46.02	8 17 45.05
2	54 28 40.39	54 28 41.00	8 17 46.12	8 08 44.38
	54 25 13.36	54 25 13.97	8 17 45.05	8 08 44.08
3	54 25 12.08	54 25 13.36	8 26 46.02	8 17 45.05
	54 21 45.05	54 21 46.33	8 26 44.20	8 17 43.99
4	54 25 13.36	54 25 13.97	8 17 45.05	8 08 44.08
	54 21 46.33	54 21 46.94	8 17 43.99	8 08 43.77
5	54 25 13.97	54 25 13.91	8 08 44.08	7 59 43.10
	54 21 46.94	54 21 46.88	8 08 43.77	7 59 43.55
6	54 21 45.05	54 21 46.33	8 26 44.20	8 17 43.99
	54 18 18.02	54 18 19.30	8 26 42.39	8 17 42.93

Leitrim

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
7	54 21 46.33	54 21 46.94		8 17 43.99	8 08 43.77	
	54 18 19.30	54 18 19.91		8 17 42.93	8 08 43.47	
8	54 21 46.94	54 21 46.88		8 08 43.77	7 59 43.55	
	54 18 19.91	54 18 19.84		8 08 43.47	7 59 44.00	
9	54 21 46.88	54 21 46.14		7 59 43.55	7 50 43.33	
	54 18 19.84	54 18 19.11		7 59 44.00	7 50 44.54	
10	54 18 18.02	54 18 19.30		8 26 42.39	8 17 42.93	
	54 14 50.99	54 14 52.27		8 26 40.59	8 17 41.88	
11	54 18 19.30	54 18 19.91		8 17 42.93	8 08 43.47	
	54 14 52.27	54 14 52.87		8 17 41.88	8 08 43.16	
12	54 18 19.91	54 18 19.84		8 08 43.47	7 59 44.00	
	54 14 52.87	54 14 52.81		8 08 43.16	7 59 44.45	
13	54 18 19.84	54 18 19.11		7 59 44.00	7 50 44.54	
	54 14 52.81	54 14 52.08		7 59 44.45	7 50 45.73	
14	54 14 50.99	54 14 52.27		8 26 40.59	8 17 41.88	
	54 11 23.96	54 11 25.23		8 26 38.79	8 17 40.83	
15	54 14 52.27	54 14 52.87		8 17 41.88	8 08 43.16	
	54 11 25.23	54 11 25.84		8 17 40.83	8 08 42.86	
16	54 14 52.87	54 14 52.81		8 08 43.16	7 59 44.45	
	54 11 25.84	54 11 25.77		8 08 42.86	7 59 44.89	
17	54 11 25.23	54 11 25.84		8 17 40.83	8 08 42.86	
	54 07 58.20	54 07 58.80		8 17 39.78	8 08 42.56	
18	54 11 25.84	54 11 25.77		8 08 42.86	7 59 44.89	
	54 07 58.80	54 07 58.74		8 08 42.56	7 59 45.34	
19	54 11 25.77	54 11 25.04		7 59 44.89	7 50 46.93	
	54 07 58.74	54 07 58.01		7 59 45.34	7 50 48.12	
20	54 07 58.80	54 07 58.74		8 08 42.56	7 59 45.34	
	54 04 31.76	54 04 31.70		8 08 42.26	7 59 45.78	
21	54 07 58.74	54 07 58.01		7 59 45.34	7 50 48.12	
	54 04 31.70	54 04 30.97		7 59 45.78	7 50 49.30	
22	54 07 58.01	54 07 56.61		7 50 48.12	7 41 50.90	
	54 04 30.97	54 04 29.58		7 50 49.30	7 41 52.83	
23	54 04 31.76	54 04 31.70		8 08 42.26	7 59 45.78	
	54 01 04.72	54 01 04.65		8 08 41.96	7 59 46.22	
24	54 04 31.70	54 04 30.97		7 59 45.78	7 50 49.30	
	54 01 04.65	54 01 03.93		7 59 46.22	7 50 50.48	

Leitrim

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
25	54 04 30.97	54 04 29.58		7 50 49.30	7 41 52.83	
	54 01 03.93	54 01 02.54		7 50 50.48	7 41 54.75	
26	54 04 29.58	54 04 27.52		7 41 52.83	7 32 56.37	
	54 01 02.54	54 01 00.49		7 41 54.75	7 32 59.03	
27	54 01 04.72	54 01 04.65		8 08 41.96	7 59 46.22	
	53 57 37.67	53 57 37.61		8 08 41.66	7 59 46.66	
28	54 01 04.65	54 01 03.93		7 59 46.22	7 50 50.48	
	53 57 37.61	53 57 36.89		7 59 46.66	7 50 51.66	
29	54 01 03.93	54 01 02.54		7 50 50.48	7 41 54.75	
	53 57 36.89	53 57 35.50		7 50 51.66	7 41 56.66	
30	54 01 02.54	54 01 00.49		7 41 54.75	7 32 59.03	
	53 57 35.50	53 57 33.45		7 41 56.66	7 33 01.68	
31	53 57 37.67	53 57 37.61		8 08 41.66	7 59 46.66	
	53 54 10.63	53 54 10.57		8 08 41.36	7 59 47.09	
32	53 57 37.61	53 57 36.89		7 59 46.66	7 50 51.66	
	53 54 10.57	53 54 09.84		7 59 47.09	7 50 52.83	
33	53 57 36.89	53 57 35.50		7 50 51.66	7 41 56.66	
	53 54 09.84	53 54 08.46		7 50 52.83	7 41 58.57	
34	53 57 35.50	53 57 33.45		7 41 56.66	7 33 01.68	
	53 54 08.46	53 54 06.42		7 41 58.57	7 33 04.33	
35	53 54 10.57	53 54 09.84		7 59 47.09	7 50 52.83	
	53 50 43.52	53 50 42.80		7 59 47.53	7 50 54.00	
36	53 54 09.84	53 54 08.46		7 50 52.83	7 41 58.57	
	53 50 42.80	53 50 41.42		7 50 54.00	7 42 00.47	
37	53 50 43.52	53 50 42.80		7 59 47.53	7 50 54.00	
	53 47 16.47	53 47 15.75		7 59 47.96	7 50 55.16	
38	53 50 42.80	53 50 41.42		7 50 54.00	7 42 00.47	
	53 47 15.75	53 47 14.37		7 50 55.16	7 42 02.36	

Leix

I	53 14 40.07	53 14 40.56		7 29 07.81	7 20 21.78
	53 11 13.00	53 11 13.49		7 29 06.92	7 20 21.59
2	53 11 11.86	53 11 13.00		7 37 52.24	7 29 06.92
	53 07 44.80	53 07 45.93		7 37 50.66	7 29 06.04
3	53 11 13.00	53 11 13.49		7 29 06.92	7 20 21.59
	53 07 45.93	53 07 46.41		7 29 06.04	7 20 21.41

Leix

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	
4	53	11	13.49	53	11	13.33	7	20	21.59
	53	07	46.41	53	07	46.26	7	20	21.41
5	53	11	13.33	53	11	12.54	7	11	36.27
	53	07	46.26	53	07	45.47	7	11	36.78
6	53	07	44.80	53	07	45.93	7	37	50.66
	53	04	17.72	53	04	18.85	7	37	49.07
7	53	07	45.93	53	07	46.41	7	29	06.04
	53	04	18.85	53	04	19.34	7	29	05.15
8	53	07	46.41	53	07	46.26	7	20	21.41
	53	04	19.34	53	04	19.19	7	20	21.23
9	53	07	46.26	53	07	45.47	7	11	36.78
	53	04	19.19	53	04	18.39	7	11	37.30
10	53	04	15.96	53	04	17.72	7	46	32.99
	53	00	48.88	53	00	50.65	7	46	30.71
11	53	04	17.72	53	04	18.85	7	37	49.07
	53	00	50.65	53	00	51.78	7	37	47.50
12	53	04	18.85	53	04	19.34	7	29	05.15
	53	00	51.78	53	00	52.26	7	29	04.27
13	53	04	19.34	53	04	19.19	7	20	21.23
	53	00	52.26	53	00	52.11	7	20	21.05
14	53	04	19.19	53	04	18.39	7	11	37.30
	53	00	52.11	53	00	51.32	7	11	37.81
15	53	00	48.88	53	00	50.65	7	46	30.71
	52	57	21.81	52	57	23.58	7	46	28.45
16	53	00	50.65	53	00	51.78	7	37	47.50
	52	57	23.58	52	57	24.70	7	37	45.93
17	53	00	51.78	53	00	52.26	7	29	04.27
	52	57	24.70	52	57	25.18	7	29	03.40
18	53	00	52.26	53	00	52.11	7	20	21.05
	52	57	25.18	52	57	25.03	7	20	20.86
19	53	00	52.11	53	00	51.32	7	11	37.81
	52	57	25.03	52	57	24.24	7	11	38.33
20	53	00	51.32	53	00	49.89	7	02	54.59
	52	57	24.24	52	57	22.81	7	02	55.80
21	52	57	21.81	52	57	23.58	7	46	28.45
	52	53	54.74	52	53	56.50	7	46	26.19

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	
22	52	57	23.58	52	57	24.70	7	37	45.93
	52	53	56.50	52	53	57.62	7	37	44.36
23	52	57	24.70	52	57	25.18	7	29	03.40
	52	53	57.62	52	53	58.10	7	29	02.53
24	52	57	25.18	52	57	25.03	7	20	20.86
	52	53	58.10	52	53	57.95	7	20	20.68
25	52	57	25.03	52	57	24.24	7	11	38.33
	52	53	57.95	52	53	57.16	7	11	38.84
26	52	57	24.24	52	57	22.81	7	02	55.80
	52	53	57.16	52	53	55.74	7	02	57.00
27	52	53	54.74	52	53	56.50	7	46	26.19
	52	50	27.66	52	50	29.42	7	46	23.94
28	52	53	56.50	52	53	57.62	7	37	44.36
	52	50	29.42	52	50	30.54	7	37	42.80
29	52	53	57.62	52	53	58.10	7	29	02.53
	52	50	30.54	52	50	31.02	7	29	01.66
30	52	53	58.10	52	53	57.95	7	20	20.68
	52	50	31.02	52	50	30.87	7	20	20.50
31	52	53	57.95	52	53	57.16	7	11	38.84
	52	50	30.87	52	50	30.08	7	11	39.35
32	52	53	57.16	52	53	55.74	7	02	57.00
	52	50	30.08	52	50	28.66	7	02	58.20
33	52	50	27.66	52	50	29.42	7	46	23.94
	52	47	00.58	52	47	02.34	7	46	21.70
34	52	50	29.42	52	50	30.54	7	37	42.80
	52	47	02.34	52	47	03.45	7	37	41.25
35	52	50	30.54	52	50	31.02	7	29	01.66
	52	47	03.45	52	47	03.93	7	29	00.79
36	52	50	30.87	52	50	30.08	7	11	39.35
	52	47	03.78	52	47	03.00	7	11	39.86
37	52	50	30.08	52	50	28.66	7	02	58.20
	52	47	03.00	52	47	01.58	7	02	59.39

Limerick

I	52	45	36.34	52	45	35.71	8	33	12.49	8	24	32.34
	52	42	09.26	52	42	08.62	8	33	12.86	8	24	33.37

Limerick

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
2	52	42	05·48	52	42	07·37
	52	38	38·39	52	38	40·28
3	52	42	07·37	52	42	08·63
	52	38	40·28	52	38	41·54
4	52	42	08·63	52	42	09·26
	52	38	41·54	52	38	42·17
5	52	42	09·26	52	42	09·26
	52	38	42·17	52	38	42·17
6	52	42	09·26	52	42	08·62
	52	38	42·17	52	38	41·53
7	52	42	08·62	52	42	07·36
	52	38	41·53	52	38	40·27
8	52	42	07·36	52	42	05·45
	52	38	40·27	52	38	38·37
9	52	38	35·87	52	38	38·39
	52	35	08·79	52	35	11·31
10	52	38	38·39	52	38	40·28
	52	35	11·31	52	35	13·20
11	52	38	40·28	52	38	41·54
	52	35	13·20	52	35	14·45
12	52	38	41·54	52	38	42·17
	52	35	14·45	52	35	15·08
13	52	38	42·17	52	38	42·17
	52	35	15·08	52	35	15·07
14	52	38	42·17	52	38	41·53
	52	35	15·07	52	35	14·44
15	52	38	41·53	52	38	40·27
	52	35	14·44	52	35	13·18
16	52	38	40·27	52	38	38·37
	52	35	13·18	52	35	11·29
17	52	35	05·65	52	35	08·79
	52	31	38·58	52	31	41·71
18	52	35	08·79	52	35	11·31
	52	31	41·71	52	31	44·23
19	52	35	11·31	52	35	13·20
	52	31	44·23	52	31	46·11

Limerick

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
20	52	35	13·20	52	35	14·45
	52	31	46·11	52	31	47·36
21	52	35	14·45	52	35	15·08
	52	31	47·36	52	31	47·99
22	52	35	15·08	52	35	15·07
	52	31	47·99	52	31	47·98
23	52	35	15·07	52	35	14·44
	52	31	47·98	52	31	47·35
24	52	35	14·44	52	35	13·18
	52	31	47·35	52	31	46·09
25	52	35	13·18	52	35	11·29
	52	31	46·09	52	31	44·20
26	52	31	38·58	52	31	41·71
	52	28	11·50	52	28	14·63
27	52	31	41·71	52	31	44·23
	52	28	14·63	52	28	17·14
28	52	31	44·23	52	31	46·11
	52	28	17·14	52	28	19·02
29	52	31	46·11	52	31	47·36
	52	28	19·02	52	28	20·27
30	52	31	47·36	52	31	47·99
	52	28	20·27	52	28	20·89
31	52	31	47·99	52	31	47·98
	52	28	20·89	52	28	20·89
32	52	31	47·98	52	31	47·35
	52	28	20·89	52	28	20·26
33	52	31	47·35	52	31	46·09
	52	28	20·26	52	28	19·00
34	52	28	11·50	52	28	14·63
	52	24	44·42	52	24	47·55
35	52	28	14·63	52	28	17·14
	52	24	47·55	52	24	50·05
36	52	28	17·14	52	28	19·02
	52	24	50·05	52	24	51·92
37	52	28	19·02	52	28	20·27
	52	24	51·92	52	24	53·17

Limerick

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
38	52 28 20.27	52 28 20.89		8 50 27.79	8 41 51.01	
	52 24 53.17	52 24 53.79		8 50 26.78	8 41 50.68	
39	52 28 20.89	52 28 20.89		8 41 51.01	8 33 14.23	
	52 24 53.79	52 24 53.79		8 41 50.68	8 33 14.57	
40	52 28 20.89	52 28 20.26		8 33 14.23	8 24 37.46	
	52 24 53.79	52 24 53.16		8 33 14.57	8 24 38.47	
41	52 28 20.26	52 28 19.00		8 24 37.46	8 16 00.69	
	52 24 53.16	52 24 51.91		8 24 38.47	8 16 02.37	
42	52 24 44.42	52 24 47.55		9 24 51.10	9 16 15.04	
	52 21 17.34	52 21 20.46		9 24 47.42	9 16 12.03	
43	52 24 47.55	52 24 50.05		9 16 15.04	9 07 38.97	
	52 21 20.46	52 21 22.95		9 16 12.03	9 07 36.63	
44	52 24 50.05	52 24 51.92		9 07 38.97	8 59 02.88	
	52 21 22.95	52 21 24.83		9 07 36.63	8 59 01.21	
45	52 24 51.92	52 24 53.17		8 59 02.88	8 50 26.78	
	52 21 24.83	52 21 26.07		8 59 01.21	8 50 25.78	
46	52 24 53.17	52 24 53.79		8 50 26.78	8 41 50.68	
	52 21 26.07	52 21 26.69		8 50 25.78	8 41 50.35	
47	52 24 53.79	52 24 53.79		8 41 50.68	8 33 14.57	
	52 21 26.69	52 21 26.69		8 41 50.35	8 33 14.91	
48	52 24 53.79	52 24 53.16		8 33 14.57	8 24 38.47	
	52 21 26.69	52 21 26.06		8 33 14.91	8 24 39.48	
49	52 24 53.16	52 24 51.91		8 24 38.47	8 16 02.37	
	52 21 26.06	52 21 24.81		8 24 39.48	8 16 04.05	
50	52 24 51.91	52 24 50.02		8 16 02.37	8 07 26.28	
	52 21 24.81	52 21 22.93		8 16 04.05	8 07 28.63	
51	52 21 17.34	52 21 20.46		9 24 47.42	9 16 12.03	
	52 17 50.26	52 17 53.37		9 24 43.74	9 16 09.03	
52	52 21 20.46	52 21 22.95		9 16 12.03	9 07 36.63	
	52 17 53.37	52 17 55.86		9 16 09.03	9 07 34.29	
53	52 21 22.95	52 21 24.83		9 07 36.63	8 59 01.21	
	52 17 55.86	52 17 57.73		9 07 34.29	8 58 59.54	
54	52 21 24.83	52 21 26.07		8 59 01.21	8 50 25.78	
	52 17 57.73	52 17 58.97		8 58 59.54	8 50 24.78	
55	52 21 26.69	52 21 26.69		8 41 50.35	8 33 14.91	
	52 17 59.59	52 17 59.59		8 41 50.02	8 33 15.25	

Limerick

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
56	52 21 26.69	52 21 26.06		8 33 14.91	8 24 39.48	
	52 17 59.59	52 17 58.96		8 33 15.25	8 24 40.48	
57	52 21 26.06	52 21 24.81		8 24 39.48	8 16 04.05	
	52 17 58.96	52 17 57.71		8 24 40.48	8 16 05.72	
58	52 21 24.81	52 21 22.93		8 16 04.05	8 07 28.63	
	52 17 57.71	52 17 55.84		8 16 05.72	8 07 30.97	
59	52 17 59.59	52 17 58.96		8 33 15.25	8 24 40.48	
	52 14 32.48	52 14 31.86		8 33 15.58	8 24 41.49	
60	52 17 57.71	52 17 55.84		8 16 05.72	8 07 30.97	
	52 14 30.61	52 14 28.74		8 16 07.39	8 07 33.31	

Longford

1	53 58 40.56	53 58 39.83		7 42 23.44	7 33 28.21	
	53 55 13.51	53 55 12.79		7 42 23.87	7 33 29.38	
2	53 55 13.63	53 55 13.24		7 46 51.12	7 37 56.63	
	53 51 46.58	53 51 46.19		7 46 51.19	7 37 57.43	
3	53 55 13.24	53 55 12.18		7 37 56.63	7 29 02.14	
	53 51 46.19	53 51 45.14		7 37 57.43	7 29 03.67	
4	53 51 46.31	53 51 46.58		7 55 44.94	7 46 51.19	
	53 48 19.26	53 48 19.53		7 55 44.28	7 46 51.25	
5	53 51 46.58	53 51 46.19		7 46 51.19	7 37 57.43	
	53 48 19.53	53 48 19.14		7 46 51.25	7 37 58.23	
6	53 51 46.19	53 51 45.14		7 37 57.43	7 29 03.67	
	53 48 19.14	53 48 18.09		7 37 58.23	9 29 05.21	
7	53 51 45.14	53 51 43.43		7 29 03.67	7 20 09.93	
	53 48 18.09	53 48 16.39		7 29 05.21	7 20 12.19	
8	53 48 19.26	53 48 19.53		7 55 44.28	7 46 51.25	
	53 44 52.21	53 44 52.48		7 55 43.62	7 46 51.32	
9	53 48 19.53	53 48 19.14		7 46 51.25	7 37 58.23	
	53 44 52.48	53 44 52.09		7 46 51.32	7 37 59.02	
10	53 48 19.14	53 48 18.09		7 37 58.23	7 29 05.21	
	53 44 52.09	53 44 51.04		7 37 59.02	7 29 06.73	
11	53 48 18.09	53 48 16.39		7 29 05.21	7 20 12.19	
	53 44 51.04	53 44 49.34		7 29 06.73	7 20 14.45	
12	53 44 51.29	53 44 52.21		8 04 35.91	7 55 43.62	
	53 41 24.23	53 41 25.16		8 04 34.53	7 55 42.96	

Longford

Sheet No.	LATITUDE NORTH		LONGITUDE WEST			
	°	'	"	°	'	"
13	53	44	52·21	53	44	52·48
	53	41	25·16	53	41	25·42
14	53	44	52·48	53	44	52·09
	53	41	25·42	53	41	25·04
15	53	44	52·09	53	44	51·04
	53	41	25·04	53	41	23·99
16	53	44	51·04	53	44	49·34
	53	41	23·99	53	41	22·29
17	53	41	24·23	53	41	25·16
	53	37	57·18	53	37	58·10
18	53	41	25·16	53	41	25·42
	53	37	58·10	53	37	58·37
19	53	41	25·42	53	41	25·04
	53	37	58·37	53	37	57·98
20	53	41	25·04	53	41	23·99
	53	37	57·98	53	37	56·94
21	53	37	57·18	53	37	58·10
	53	34	30·13	53	34	31·04
22	53	37	58·10	53	37	58·37
	53	34	31·04	53	34	31·31
23	53	37	58·37	53	37	57·98
	53	34	31·31	53	34	30·92
24	53	37	57·98	53	37	56·94
	53	34	30·92	53	34	29·89
25	53	34	30·13	53	34	31·04
	53	31	03·07	53	31	03·99
26	53	34	31·04	53	34	31·31
	53	31	03·99	53	31	04·25
27	53	34	31·31	53	34	30·92
	53	31	04·25	53	31	03·87

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Sheet No.	LATITUDE NORTH		LONGITUDE WEST			
	°	'	"	°	'	"
3	54	05	25·81	54	05	26·43
	54	01	58·77	54	01	59·39
4	54	05	26·43	54	05	26·38
	54	01	59·39	54	01	59·34
5	54	05	26·38	54	05	25·68
	54	01	59·34	54	01	58·64
6	54	01	58·77	54	01	59·39
	53	58	31·72	53	58	32·34
7	54	01	59·39	54	01	59·34
	53	58	32·34	53	58	32·30
8	54	01	59·34	54	01	58·64
	53	58	32·30	53	58	31·59
9	54	01	58·64	54	01	57·26
	53	58	31·59	53	58	30·23
10	53	58	30·45	53	58	31·72
	53	55	03·41	53	55	04·68
11	53	58	31·72	53	58	32·34
	53	55	04·68	53	55	05·30
12	53	58	32·34	53	58	32·30
	53	55	05·30	53	55	05·26
13	53	55	03·41	53	55	04·68
	53	51	36·36	53	51	37·64
14	53	55	04·68	53	55	05·30
	53	51	37·64	53	51	38·25
15	53	55	05·30	53	55	05·26
	53	51	38·25	53	51	38·21
16	53	55	05·26	53	55	04·55
	53	51	38·21	53	51	37·21
17	53	51	37·64	53	51	38·25
	53	48	10·59	53	48	11·20
18	53	51	38·25	53	51	38·21
	53	48	11·20	53	48	11·16
19	53	51	38·21	53	51	37·51
	53	48	11·16	53	48	10·46
20	53	48	10·59	53	48	11·20
	53	44	43·54	53	44	44·15

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
21	53	48	11.20	53	48	11.16
	53	44	44.15	53	44	44.11
22	53	48	11.16	53	48	10.46
	53	44	44.11	53	44	43.41
23	53	44	43.54	53	44	44.15
	53	41	16.48	53	41	17.10
24	53	44	44.15	53	44	44.11
	53	41	17.10	53	41	17.05
25	53	44	44.11	53	44	43.41
	53	41	17.05	53	41	16.36

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1	54	23	14.64	54	23	16.87
	54	19	47.62	54	19	49.85
2	54	19	41.14	54	19	44.71
	54	16	14.13	54	16	17.70
3	54	19	44.71	54	19	47.62
	54	16	17.70	54	16	20.59
4	54	19	47.62	54	19	49.85
	54	16	20.59	54	16	22.82
5	54	19	49.85	54	19	51.41
	54	16	22.82	54	16	24.38
6	54	19	51.41	54	19	52.30
	54	16	24.38	54	16	25.26
7	54	19	52.30	54	19	52.51
	54	16	25.26	54	16	25.48
8	54	19	52.51	54	19	52.06
	54	16	25.48	54	16	25.03
9	54	16	14.13	54	16	17.70
	54	12	47.12	54	12	50.68
10	54	16	17.70	54	16	20.59
	54	12	50.68	54	12	53.57
11	54	16	20.59	54	16	22.82
	54	12	53.57	54	12	55.79
12	54	16	22.82	54	16	24.38
	54	12	55.79	54	12	57.34

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
13	54	16	24.38	54	16	25.26
	54	12	57.34	54	12	58.23
14	54	16	25.26	54	16	25.48
	54	12	58.23	54	12	58.45
15	54	16	25.48	54	16	25.03
	54	12	58.45	54	12	58.00
16	54	12	47.12	54	12	50.68
	54	09	20.11	54	09	23.66
17	54	12	50.68	54	12	53.57
	54	09	23.66	54	09	26.54
18	54	12	53.57	54	12	55.79
	54	09	26.54	54	09	28.76
19	54	12	55.79	54	12	57.34
	54	09	28.76	54	09	30.31
20	54	12	57.34	54	12	58.23
	54	09	30.31	54	09	31.19
21	54	12	58.23	54	12	58.45
	54	09	31.19	54	09	31.41
22	54	12	58.45	54	12	58.00
	54	09	31.41	54	09	30.96
23	54	09	15.89	54	09	20.11
	54	05	48.88	54	05	53.09
24	54	09	20.11	54	09	23.66
	54	05	53.09	54	05	56.63
25	54	09	23.66	54	09	26.54
	54	05	56.63	54	05	59.51
26	54	09	26.54	54	09	28.76
	54	05	59.51	54	06	01.72
27	54	09	28.76	54	09	30.31
	54	06	01.72	54	06	03.27
28	54	09	30.31	54	09	31.19
	54	06	03.27	54	06	04.15
29	54	09	31.19	54	09	31.41
	54	06	04.15	54	06	04.37
30	54	09	31.41	54	09	30.96
	54	06	04.37	54	06	03.92

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
31	54 09 30.96	54 09 29.85		9 06 28.73	8 57 31.18	
	54 06 03.92	54 06 02.81		9 06 29.61	8 57 32.80	
32	54 09 29.85	54 09 28.06		8 57 31.18	8 48 33.64	
	54 06 02.81	54 06 01.03		8 57 32.80	8 48 36.01	
33	54 05 53.09	54 05 56.63		10 09 07.15	10 00 10.40	
	54 02 26.07	54 02 29.61		10 09 02.83	10 00 06.82	
34	54 05 56.63	54 05 59.51		10 00 10.40	9 51 13.63	
	54 02 29.61	54 02 32.48		10 00 06.82	9 51 10.79	
35	54 05 59.51	54 06 01.72		9 51 13.63	9 42 16.84	
	54 02 32.48	54 02 34.69		9 51 10.79	9 42 14.74	
36	54 06 01.72	54 06 03.27		9 42 16.84	9 33 20.04	
	54 02 34.69	54 02 36.23		9 42 14.74	9 33 18.68	
37	54 06 03.27	54 06 04.15		9 33 20.04	9 24 23.23	
	54 02 36.23	54 02 37.11		9 33 18.68	9 24 22.62	
38	54 06 04.15	54 06 04.37		9 24 23.23	9 15 26.42	
	54 02 37.11	54 02 37.33		9 24 22.62	9 15 26.55	
39	54 06 04.37	54 06 03.92		9 15 26.42	9 06 29.61	
	54 02 37.33	54 02 36.88		9 15 26.55	9 06 30.48	
40	54 06 03.92	54 06 02.81		9 06 29.61	8 57 32.80	
	54 02 36.88	54 02 35.77		9 06 30.48	8 57 34.41	
41	54 02 21.87	54 02 26.07		10 17 58.81	10 09 02.83	
	53 58 54.86	53 58 59.05		10 17 53.76	10 08 58.52	
42	54 02 26.07	54 02 29.61		10 09 02.83	10 00 06.82	
	53 58 59.05	53 59 02.58		10 08 58.52	10 00 03.26	
43	54 02 29.61	54 02 32.48		10 00 06.82	9 51 10.79	
	53 59 02.58	53 59 05.44		10 00 03.26	9 51 07.96	
44	54 02 32.48	54 02 34.69		9 51 10.79	9 42 14.74	
	53 59 05.44	53 59 07.65		9 51 07.96	9 42 12.66	
45	54 02 34.69	54 02 36.23		9 42 14.74	9 33 18.68	
	53 59 07.65	53 59 09.19		9 42 12.66	9 33 17.33	
46	54 02 36.23	54 02 37.11		9 33 18.68	9 24 22.62	
	53 59 09.19	53 59 10.07		9 33 17.33	9 24 22.01	
47	54 02 37.11	54 02 37.33		9 24 22.62	9 15 26.55	
	53 59 10.07	53 59 10.29		9 24 22.01	9 15 26.67	
48	54 02 37.33	54 02 36.88		9 15 26.55	9 06 30.48	
	53 59 10.29	53 59 09.84		9 15 26.67	9 06 31.34	

Mayo

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
49	54 02 36.88	54 02 35.77		9 06 30.48	8 57 34.41	
	53 59 09.84	53 59 08.73		9 06 31.34	8 57 36.02	
50	54 02 35.77	54 02 34.00		8 57 34.41	8 48 38.36	
	53 59 08.73	53 59 06.96		8 57 36.02	8 48 40.70	
51	54 02 34.00	54 02 31.56		8 48 38.36	8 39 42.32	
	53 59 06.96	53 59 04.53		8 48 40.70	8 39 45.40	
52	54 02 31.56	54 02 28.46		8 39 42.32	8 30 46.30	
	53 59 04.53	53 59 01.43		8 39 45.40	8 30 50.13	
53	53 58 54.86	53 58 59.05		10 17 53.76	10 08 58.52	
	53 55 27.85	53 55 32.03		10 17 48.74	10 08 54.23	
54	53 58 59.05	53 59 02.58		10 08 58.52	10 00 03.26	
	53 55 32.03	53 55 35.55		10 08 54.23	9 59 59.70	
55	53 59 02.58	53 59 05.44		10 00 03.26	9 51 07.96	
	53 55 35.55	53 55 38.41		9 59 59.70	9 51 05.15	
56	53 59 05.44	53 59 07.65		9 51 07.96	9 42 12.66	
	53 55 38.41	53 55 40.61		9 51 05.15	9 42 10.57	
57	53 59 07.65	53 59 09.19		9 42 12.66	9 33 17.33	
	53 55 40.61	53 55 42.15		9 42 10.57	9 33 15.99	
58	53 59 09.19	53 59 10.07		9 33 17.33	9 24 22.01	
	53 55 42.15	53 55 43.02		9 33 15.99	9 24 21.40	
59	53 59 10.07	53 59 10.29		9 24 22.01	9 15 26.67	
	53 55 43.02	53 55 43.24		9 24 21.40	9 15 26.80	
60	53 59 10.29	53 59 09.84		9 15 26.67	9 06 31.34	
	53 55 43.24	53 55 42.80		9 15 26.80	9 06 32.21	
61	53 59 09.84	53 59 08.73		9 06 31.34	8 57 36.02	
	53 55 42.80	53 55 41.69		9 06 32.21	8 57 37.62	
62	53 59 08.73	53 59 06.96		8 57 36.02	8 48 40.70	
	53 55 41.69	53 55 39.92		8 57 37.62	8 48 43.04	
63	53 59 06.96	53 59 04.53		8 48 40.70	8 39 45.40	
	53 55 39.92	53 55 37.50		8 48 43.04	8 39 48.48	
64	53 59 04.53	53 59 01.43		8 39 45.40	8 30 50.13	
	53 55 37.50	53 55 34.41		8 39 48.48	8 30 53.93	
65	53 55 35.55	53 55 38.41		8 39 48.41	8 30 52.34	
	53 52 08.52	53 52 11.37		9 59 56.16	9 51 02.34	
66	53 55 38.41	53 55 40.61		9 51 05.15	9 42 10.57	
	53 52 11.37	53 52 13.57		9 51 02.34	9 42 08.50	

Mayo

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
67	53	55	40·61	53	55	42·15	9	42	10·57
	53	52	13·57	53	52	15·10	9	42	08·50
68	53	55	42·15	53	55	43·02	9	33	15·99
	53	52	15·10	53	52	15·98	9	33	14·65
69	53	55	43·02	53	55	43·24	9	24	21·40
	53	52	15·98	53	52	16·19	9	24	20·79
70	53	55	43·24	53	55	42·80	9	15	26·80
	53	52	16·19	53	52	15·75	9	15	26·93
71	53	55	42·80	53	55	41·69	9	06	32·21
	53	52	15·75	53	52	14·65	9	06	33·07
72	53	55	41·69	53	55	39·92	8	57	37·62
	53	52	14·65	53	52	12·88	8	57	39·21
73	53	55	39·92	53	55	37·50	8	48	43·04
	53	52	12·88	53	52	10·46	8	48	45·37
74	53	55	37·50	53	55	34·41	8	39	48·48
	53	52	10·46	53	52	07·38	8	39	51·54
75	53	52	08·52	53	52	11·37	9	59	56·16
	53	48	41·48	53	48	44·33	9	59	52·63
76	53	52	13·57	53	52	15·10	9	42	08·50
	53	48	40·52	53	48	48·05	9	42	06·43
77	53	52	15·10	53	52	15·98	9	33	14·65
	53	48	48·05	53	48	48·93	9	33	13·31
78	53	52	15·98	53	52	16·19	9	24	20·79
	53	48	48·93	53	48	49·14	9	24	20·18
79	53	52	16·19	53	52	15·75	9	15	26·93
	53	48	49·14	53	48	48·70	9	15	27·05
80	53	52	15·75	53	52	14·65	9	06	33·07
	53	48	48·70	53	48	47·60	9	06	33·92
81	53	52	14·65	53	52	12·88	8	57	39·21
	53	48	47·60	53	48	45·84	8	57	40·80
82	53	52	12·88	53	52	10·46	8	48	45·37
	53	48	45·84	53	48	43·43	8	48	47·68
83	53	52	10·46	53	52	07·38	8	39	51·54
	53	48	43·43	53	48	40·35	8	39	54·59
84	53	48	37·98	53	48	41·48	10	08	45·70
	53	45	10·95	53	45	14·45	10	08	41·45

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
85	53	48	41·48	53	48	44·33	9	59	52·63
	53	45	14·45	53	45	17·29	9	59	49·11
86	53	48	44·33	53	48	46·52	9	50	59·54
	53	45	17·29	53	45	19·48	9	50	56·75
87	53	48	46·52	53	48	48·05	9	42	06·43
	53	45	19·48	53	45	21·00	9	42	04·37
88	53	48	48·05	53	48	48·93	9	33	13·31
	53	45	21·00	53	45	21·88	9	33	11·98
89	53	48	48·93	53	48	49·14	9	24	20·18
	53	45	21·88	53	45	22·09	9	24	19·58
90	53	48	49·14	53	48	48·70	9	15	27·05
	53	45	22·09	53	45	21·65	9	15	27·18
91	53	48	48·70	53	48	47·60	9	06	33·92
	53	45	21·65	53	45	20·55	9	06	34·78
92	53	48	47·60	53	48	45·84	8	57	40·80
	53	45	20·55	53	45	18·80	8	57	42·38
93	53	48	45·84	53	48	43·43	8	48	47·68
	53	45	18·80	53	45	16·39	8	48	50·00
94	53	45	10·95	53	45	14·45	10	08	41·45
	53	41	43·92	53	41	47·41	10	08	37·22
95	53	45	14·45	53	45	17·29	9	59	49·11
	53	41	47·41	53	41	50·25	9	59	45·61
96	53	45	17·29	53	45	19·48	9	50	56·75
	53	41	50·25	53	41	52·43	9	50	53·97
97	53	45	19·48	53	45	21·00	9	42	04·37
	53	41	52·43	53	41	53·95	9	42	02·32
98	53	45	21·00	53	45	21·88	9	33	11·98
	53	41	53·95	53	41	54·82	9	33	10·65
99	53	45	21·88	53	45	22·09	9	24	19·58
	53	41	54·82	53	41	55·04	9	24	18·98
100	53	45	22·09	53	45	21·65	9	15	27·18
	53	41	55·04	53	41	54·60	9	15	27·30
101	53	45	21·65	53	45	20·55	9	06	34·78
	53	41	54·60	53	41	53·50	9	06	35·63
102	53	45	20·55	53	45	18·80	8	57	42·38
	53	41	53·50	53	41	51·75	8	57	43·96

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
103	53	45	18.80	53	45	16.39
	53	41	51.75	53	41	49.35
104	53	41	43.92	53	41	47.41
	53	38	16.88	53	38	20.37
105	53	41	47.41	53	41	50.25
	53	38	20.37	53	38	23.20
106	53	41	50.25	53	41	52.43
	53	38	23.20	53	38	25.38
107	53	41	52.43	53	41	53.95
	53	38	25.38	53	38	26.90
108	53	41	53.95	53	41	54.82
	53	38	26.90	53	38	27.77
109	53	41	54.82	53	41	55.04
	53	38	27.77	53	38	27.98
110	53	41	55.04	53	41	54.60
	53	38	27.98	53	38	27.55
111	53	41	54.60	53	41	53.50
	53	38	27.55	53	38	26.45
112	53	41	53.50	53	41	51.75
	53	38	26.45	53	38	24.71
113	53	41	51.75	53	41	49.35
	53	38	24.71	53	38	22.30
114	53	38	12.74	53	38	16.88
	53	34	45.72	53	34	49.85
115	53	38	23.20	53	38	25.38
	53	34	56.15	53	34	58.33
116	53	38	25.38	53	38	26.90
	53	34	58.33	53	34	59.85
117	53	38	27.77	53	38	27.98
	53	35	00.71	53	35	00.93
118	53	38	27.98	53	38	27.55
	53	35	00.93	53	35	00.49
119	53	38	27.55	53	38	26.45
	53	35	00.49	53	34	59.40
120	53	35	00.71	53	35	00.93
	53	31	33.65	53	31	33.87

Mayo

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
121	53	35	00.93	53	35	00.49
	53	31	33.87	53	31	33.43
122	53	35	00.49	53	34	59.40
	53	31	33.43	53	31	32.34
123	53	31	33.87	53	31	33.43
	53	28	06.81	53	28	06.37

Meath

1	53	55	05.48	53	55	06.22
	53	51	38.43	53	51	39.17
2	53	55	06.22	53	55	06.29
	53	51	39.17	53	51	39.24
3	53	55	06.29	53	55	05.71
	53	51	39.24	53	51	38.66
4	53	51	38.43	53	51	39.17
	53	48	11.39	53	48	12.12
5	53	51	39.17	53	51	39.24
	53	48	12.12	53	48	12.19
6	53	51	39.24	53	51	38.66
	53	48	12.19	53	48	11.61
7	53	51	38.66	53	51	37.42
	53	48	11.61	53	48	10.37
8	53	48	07.95	53	48	09.99
	53	44	40.90	53	44	42.95
9	53	48	09.99	53	48	11.39
	53	44	42.95	53	44	44.34
10	53	48	11.39	53	48	12.12
	53	44	44.34	53	44	45.07
11	53	48	12.12	53	48	12.19
	53	44	45.07	53	44	45.14
12	53	48	12.19	53	48	11.61
	53	44	45.14	53	44	44.56
13	53	48	11.61	53	48	10.37
	53	44	44.56	53	44	43.32
14	53	44	40.90	53	44	42.95
	53	41	13.86	53	41	15.90

Meath

Sheet No.	LATITUDE NORTH				LONGITUDE WEST			
	°	'	"	°	'	"	°	'
15	53	44	42.95	53	44	44.34	7	11 27.12
	53	41	15.90	53	41	17.29	7	11 25.22
16	53	44	44.34	53	44	45.07	7	02 34.85
	53	41	17.29	53	41	18.02	7	02 33.68
17	53	44	45.07	53	44	45.14	6	53 42.58
	53	41	18.02	53	41	18.09	6	53 42.14
18	53	44	45.14	53	44	44.56	6	44 50.31
	53	41	18.09	53	41	17.51	6	44 50.59
19	53	44	44.56	53	44	43.32	6	35 58.04
	53	41	17.51	53	41	16.27	6	35 59.05
20	53	44	43.32	53	44	41.43	6	27 05.77
	53	41	16.27	53	41	14.38	6	27 07.51
21	53	44	41.43	53	44	38.88	6	18 13.52
	53	41	14.38	53	41	11.84	6	18 15.98
22	53	41	15.90	53	41	17.29	7	11 25.22
	53	37	48.85	53	37	50.23	7	11 23.33
23	53	41	17.29	53	41	18.02	7	02 33.68
	53	37	50.23	53	37	50.96	7	02 32.52
24	53	41	18.02	53	41	18.09	6	53 42.14
	53	37	50.96	53	37	51.03	6	53 41.70
25	53	41	18.09	53	41	17.51	6	44 50.59
	53	37	51.03	53	37	50.45	6	44 50.87
26	53	41	17.51	53	41	16.27	6	35 59.05
	53	37	50.45	53	37	49.22	6	36 00.05
27	53	41	16.27	53	41	14.38	6	27 07.51
	53	37	49.22	53	37	47.34	6	27 09.23
28	53	41	14.38	53	41	11.84	6	18 15.98
	53	37	47.34	53	37	44.79	6	18 18.42
29	53	37	50.23	53	37	50.96	7	02 32.52
	53	34	23.18	53	34	23.90	7	02 31.35
30	53	37	50.96	53	37	51.03	6	53 41.70
	53	34	23.90	53	34	23.98	6	53 41.25
31	53	37	51.03	53	37	50.45	6	44 50.87
	53	34	23.98	53	34	23.40	6	44 51.15
32	53	37	50.45	53	37	49.22	6	36 00.05
	53	34	23.40	53	34	22.17	6	36 01.05

Meath

Sheet No.	LATITUDE NORTH				LONGITUDE WEST			
	°	'	"	°	'	"	°	'
33	53	37	49.22	53	37	47.34	6	27 09.23
34	53	34	22.17	53	34	20.28	6	27 10.95
35	53	37	47.34	53	37	44.79	6	18 18.42
36	53	34	20.28	53	34	17.75	6	18 20.86
37	53	34	23.18	53	34	23.90	7	02 31.35
38	53	30	56.12	53	30	56.84	7	02 30.19
39	53	34	22.17	53	34	20.28	6	27 10.95
40	53	30	55.11	53	30	53.23	6	27 12.66
41	53	30	54.74	53	30	56.12	7	11 19.57
42	53	27	27.69	53	27	29.06	7	11 17.70
43	53	30	56.12	53	30	56.84	7	02 30.19
44	53	27	29.06	53	27	29.78	6	53 40.81
45	53	30	56.84	53	30	56.92	6	44 51.43
46	53	27	29.78	53	27	29.86	6	44 51.70
47	53	30	56.92	53	30	56.34	6	44 51.43
48	53	27	29.86	53	27	29.28	6	44 51.70
49	53	30	55.11	53	30	53.23	6	27 12.66
50	53	27	28.05	53	27	26.18	6	27 14.37

Meath

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
51	53	27	28.05	53	27	26.18
	53	24	00.99	53	23	59.12
52	53	24	00.63	53	24	02.00
	53	20	33.57	53	20	34.93
53	53	24	02.22	53	24	00.99
	53	20	35.15	53	20	33.93

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1	54	27	31.99	54	27	32.16
	54	24	04.96	54	24	05.13
2	54	24	04.12	54	24	04.96
	54	20	37.09	54	20	37.93
3	54	24	04.96	54	24	05.13
	54	20	37.93	54	20	38.10
4	54	24	05.13	54	24	04.62
	54	20	38.10	54	20	37.59
5	54	20	37.09	54	20	37.93
	54	17	10.06	54	17	10.90
6	54	20	37.93	54	20	38.10
	54	17	10.90	54	17	11.06
7	54	20	38.10	54	20	37.59
	54	17	11.06	54	17	10.56
8	54	17	10.06	54	17	10.90
	54	13	43.03	54	13	43.86
9	54	17	10.90	54	17	11.06
	54	13	43.86	54	13	44.03
10	54	17	11.06	54	17	10.56
	54	13	44.03	54	13	43.53
11	54	13	41.53	54	13	43.03
	54	10	14.49	54	10	15.99
12	54	13	43.03	54	13	43.86
	54	10	15.99	54	10	16.83
13	54	13	43.86	54	13	44.03
	54	10	16.83	54	10	16.99
14	54	13	44.03	54	13	43.53
	54	10	16.99	54	10	16.49

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
15	54	13	43.53	54	13	42.36
	54	10	16.49	54	10	15.32
16	54	10	14.49	54	10	15.99
	54	06	47.46	54	06	48.96
17	54	10	15.99	54	10	16.83
	54	06	48.96	54	06	49.79
18	54	10	16.83	54	10	16.99
	54	06	49.79	54	06	49.95
19	54	10	16.99	54	10	16.49
	54	06	49.95	54	06	49.45
20	54	10	16.49	54	10	15.32
	54	06	49.45	54	06	48.29
21	54	06	47.46	54	06	48.96
	54	03	20.42	54	03	21.92
22	54	06	48.96	54	06	49.79
	54	03	21.92	54	03	22.75
23	54	06	49.79	54	06	49.95
	54	03	22.75	54	03	22.91
24	54	06	49.95	54	06	49.45
	54	03	22.91	54	03	22.41
25	54	06	49.45	54	06	48.29
	54	03	22.41	54	03	21.25
26	54	03	22.75	54	03	22.91
	53	59	55.70	53	59	55.87
27	54	03	22.91	54	03	22.41
	53	59	55.87	53	59	55.37
28	54	03	22.41	54	03	21.25
	53	59	55.37	53	59	54.21
29	54	03	21.25	54	03	19.42
	53	59	54.21	53	59	52.39
30	53	59	55.87	53	59	55.37
	53	56	28.83	53	56	28.33
31	53	59	55.37	53	59	54.21
	53	56	28.33	53	56	27.17
32	53	59	54.21	53	59	52.39
	53	56	27.17	53	56	25.35

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
33	53	56	28.83	53	56	28.33	6	55	20.02
	53	53	01.78	53	53	01.28	6	55	20.21
34	53	56	28.33	53	56	27.17	6	46	25.27
	53	53	01.28	53	53	00.13	6	46	26.18

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
1	53	25	03.39	53	25	04.59	7	48	55.90
	53	21	36.33	53	21	37.52	7	48	54.23
2	53	25	04.59	53	25	05.13	7	40	07.73
	53	21	37.52	53	21	38.07	7	40	06.78
3	53	25	05.03	53	25	04.27	7	22	31.39
	53	21	37.96	53	21	37.21	7	22	31.86
4	53	25	04.27	53	25	02.87	7	13	43.22
	53	21	37.21	53	21	35.81	7	13	44.41
5	53	21	32.01	53	21	34.49	8	06	29.10
	53	18	04.95	53	18	07.43	8	06	26.03
6	53	21	34.49	53	21	36.33	7	57	41.68
	53	18	07.43	53	18	09.27	7	57	39.31
7	53	21	36.33	53	21	37.52	7	48	54.23
	53	18	09.27	53	18	10.46	7	48	52.57
8	53	21	37.52	53	21	38.07	7	40	06.78
	53	18	10.46	53	18	11.00	7	40	05.83
9	53	21	38.07	53	21	37.96	7	31	19.32
	53	18	11.00	53	18	10.90	7	31	19.08
10	53	21	37.96	53	21	37.21	7	22	31.86
	53	18	10.90	53	18	10.15	7	22	32.33
11	53	21	37.21	53	21	35.81	7	13	44.41
	53	18	10.15	53	18	08.75	7	13	45.58
12	53	21	35.81	53	21	33.76	7	04	56.96
	53	18	08.75	53	18	06.71	7	04	58.84
13	53	18	04.95	53	18	07.43	8	06	26.03
	53	14	37.90	53	14	40.37	8	06	22.96
14	53	18	07.43	53	18	09.27	7	57	39.31
	53	14	40.37	53	14	42.20	7	57	36.95
15	53	18	09.27	53	18	10.46	7	48	52.57
	53	14	42.20	53	14	43.39	7	48	50.92

Offaly

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
16	53	18	10.46	53	18	11.00	7	40	05.83
	53	14	43.39	53	14	43.93	7	40	04.88
17	53	18	11.00	53	18	10.90	7	31	19.08
	53	14	43.93	53	14	43.83	7	31	18.84
18	53	18	10.90	53	18	10.15	7	22	32.33
	53	14	43.83	53	14	43.08	7	22	32.80
19	53	18	10.15	53	18	08.75	7	13	45.58
	53	14	43.08	53	14	41.69	7	13	46.76
20	53	18	08.75	53	18	06.71	7	04	58.84
	53	14	41.69	53	14	39.65	7	05	00.72
21	53	14	37.90	53	14	40.37	8	06	22.96
	53	11	10.84	53	11	13.31	8	06	19.91
22	53	14	40.37	53	14	42.20	7	57	36.95
	53	11	13.31	53	11	15.14	7	57	34.60
23	53	14	42.20	53	14	43.39	7	48	50.92
	53	11	15.14	53	11	16.32	7	48	49.27
24	53	14	43.39	53	14	43.93	7	40	04.88
	53	11	16.32	53	11	16.86	7	40	03.94
25	53	14	43.93	53	14	43.83	7	31	18.84
	53	11	16.86	53	11	16.76	7	31	18.60
26	53	14	43.83	53	14	43.08	7	22	32.80
	53	11	16.76	53	11	16.01	7	22	33.26
27	53	14	43.08	53	14	41.69	7	13	46.76
	53	11	16.01	53	11	14.62	7	13	47.93
28	53	14	41.69	53	14	39.65	7	05	00.72
	53	11	14.62	53	11	12.59	7	05	02.60
29	53	11	10.84	53	11	13.31	8	06	19.91
	53	07	43.78	53	07	46.24	8	06	16.86
30	53	11	13.31	53	11	15.14	7	57	34.60
	53	07	46.24	53	07	48.07	7	57	32.25
31	53	11	15.14	53	11	16.32	7	48	49.27
	53	07	48.07	53	07	49.25	7	48	47.63
32	53	11	16.32	53	11	16.86	7	40	03.94
	53	07	49.25	53	07	49.79	7	40	03.00
33	53	11	16.76	53	11	16.01	7	22	33.26
	53	07	49.68	53	07	48.94	7	22	33.73

Offaly

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
34	53	11	16.01	53	11	14.62
	53	07	48.94	53	07	47.55
35	53	07	46.24	53	07	48.07
	53	04	19.18	53	04	21.00
36	53	07	48.07	53	07	49.25
	53	04	21.00	53	04	22.17
37	53	07	49.25	53	07	49.79
	53	04	22.17	53	04	22.71
38	53	04	19.18	53	04	21.00
	53	00	52.11	53	00	53.92
39	53	04	21.00	53	04	22.17
	53	00	53.92	53	00	55.10
40	53	04	22.17	53	04	22.71
	53	00	55.10	53	00	55.63
41	53	00	49.65	53	00	52.11
	52	57	22.58	52	57	25.03
42	53	00	52.11	53	00	53.92
	52	57	25.03	52	57	26.85
43	53	00	53.92	53	00	55.10
	52	57	26.85	52	57	28.02
44	52	57	22.58	52	57	25.03
	52	53	55.52	52	53	57.96
45	52	57	25.03	52	57	26.85
	52	53	57.96	52	53	59.77
46	52	53	55.52	52	53	57.96
	52	50	28.45	52	50	30.88
47	52	53	57.96	52	53	59.77
	52	50	30.88	52	50	32.69

Roscommon

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
4	54	03	51.39	54	03	50.99
	54	00	24.34	54	00	23.95
5	54	00	23.14	54	00	24.07
	53	56	56.10	53	56	57.03
6	54	00	24.07	54	00	24.34
	53	56	57.03	53	56	57.30
7	54	00	24.34	54	00	23.95
	53	56	57.30	53	56	56.91
8	53	56	54.51	53	56	56.10
	53	53	27.47	53	53	29.06
9	53	56	56.10	53	56	57.03
	53	53	29.06	53	53	29.98
10	53	56	57.03	53	56	57.30
	53	53	29.98	53	53	30.25
11	53	56	57.30	53	56	56.91
	53	53	30.25	53	53	29.86
12	53	56	56.91	53	56	55.85
	53	53	29.86	53	53	28.81
13	53	53	25.22	53	53	27.47
	53	49	58.18	53	50	00.42
14	53	53	27.47	53	53	29.06
	53	50	00.42	53	50	02.01
15	53	53	29.06	53	53	29.98
	53	50	02.01	53	50	02.94
16	53	53	29.98	53	53	30.25
	53	50	02.94	53	50	03.20
17	53	53	30.25	53	53	29.86
	53	50	03.20	53	50	02.81
18	53	53	29.86	53	53	28.81
	53	50	02.81	53	50	01.77
19	53	49	58.18	53	50	00.42
	53	46	31.14	53	46	33.38
20	53	50	00.42	53	50	02.01
	53	46	33.38	53	46	34.96
21	53	50	02.01	53	50	02.94
	53	46	34.96	53	46	35.89

Roscommon

1	54	07	18.16	54	07	18.43
	54	03	51.12	54	03	51.39
2	54	07	18.43	54	07	18.03
	54	03	51.39	54	03	50.99
3	54	03	51.12	54	03	51.39
	54	00	24.07	54	00	24.34

Roscommon

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
22	53	50	02.94	53	50	03.20	8	18	51.77
	53	46	35.89	53	46	36.15	8	18	51.11
23	53	50	03.20	53	50	02.81	8	09	58.38
	53	46	36.15	53	46	35.77	8	09	58.44
24	53	50	02.81	53	50	01.77	8	01	04.99
	53	46	35.77	53	46	34.72	8	01	05.78
25	53	46	31.14	53	46	33.38	8	45	29.05
	53	43	04.09	53	43	06.33	8	45	26.21
26	53	46	33.38	53	46	34.96	8	36	34.42
	53	43	06.33	53	43	07.91	8	36	34.30
27	53	46	34.96	53	46	35.89	8	27	43.77
	53	43	07.91	53	43	08.83	8	27	42.38
28	53	46	35.89	53	46	36.15	8	18	51.11
	53	43	08.83	53	43	09.10	8	18	50.45
29	53	46	36.15	53	46	35.77	8	09	58.44
	53	43	09.10	53	43	08.71	8	09	58.51
30	53	46	35.77	53	46	34.72	8	01	05.78
	53	43	08.71	53	43	07.67	8	01	06.58
31	53	43	01.20	53	43	04.09	8	54	18.11
	53	39	34.17	53	39	37.05	8	54	14.55
32	53	43	04.09	53	43	06.33	8	45	26.21
	53	39	37.05	53	39	39.28	8	45	23.38
33	53	43	06.33	53	43	07.91	8	36	34.30
	53	39	39.28	53	39	40.86	8	36	32.20
34	53	43	07.91	53	43	08.83	8	27	42.38
	53	39	40.86	53	39	41.78	8	27	41.00
35	53	43	08.83	53	43	09.10	8	18	50.45
	53	39	41.78	53	39	42.05	8	18	49.79
36	53	43	09.10	53	43	08.71	8	09	58.51
	53	39	42.05	53	39	41.66	8	09	58.58
37	53	43	08.71	53	43	07.67	8	01	06.58
	53	39	41.66	53	39	40.62	8	01	07.37
38	53	39	40.86	53	39	41.78	8	27	41.00
	53	36	13.80	53	36	14.72	8	27	39.62
39	53	39	41.78	53	39	42.05	8	18	49.79
	53	36	14.72	53	36	14.99	8	18	49.13

Roscommon

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
40	53	39	42.05	53	39	41.66	8	09	58.58
	53	36	14.99	53	36	14.60	8	09	58.64
41	53	36	14.72	53	36	14.99	8	18	49.13
	53	32	47.67	53	32	47.93	8	18	48.48
42	53	36	14.99	53	36	14.60	8	09	58.64
	53	32	47.93	53	32	47.55	8	09	58.71
43	53	36	14.60	53	36	13.56	8	01	08.15
	53	32	47.55	53	32	46.51	8	01	08.94
44	53	32	47.67	53	32	47.93	8	18	48.48
	53	29	20.61	53	29	20.87	8	18	47.83
45	53	32	47.93	53	32	47.55	8	09	58.71
	53	29	20.87	53	29	20.49	8	09	58.78
46	53	32	47.55	53	32	46.51	8	01	08.94
	53	29	20.49	53	29	19.45	8	01	09.72
47	53	29	20.61	53	29	20.87	8	18	47.83
	53	25	53.54	53	25	53.81	8	18	47.18
48	53	29	20.87	53	29	20.49	8	09	58.78
	53	25	53.81	53	25	53.43	8	09	58.84
49	53	29	20.49	53	29	19.45	8	01	09.72
	53	25	53.43	53	25	52.39	8	01	10.50
50	53	25	53.54	53	25	53.81	8	18	47.18
	53	22	26.48	53	22	26.75	8	18	46.53
51	53	25	53.81	53	25	53.43	8	09	58.84
	53	22	26.75	53	22	26.36	8	09	58.91
52	53	25	53.43	53	25	52.39	8	01	10.50
	53	22	26.36	53	22	25.33	8	01	11.28
53	53	25	53.43	53	25	52.39	8	01	10.50
	53	22	26.48	53	22	26.75	8	18	46.53
54	53	18	59.41	53	18	59.68	8	18	45.89
	53	22	26.75	53	22	26.36	8	09	58.91
55	53	18	59.41	53	18	59.30	8	09	58.97
	53	22	26.36	53	22	25.33	8	01	11.28
56	53	18	59.30	53	18	58.27	8	01	12.05
	53	15	32.61	53	15	32.23	8	09	59.03

Sligo

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
1	54	28	21·48	54	28	22·48
	54	24	54·46	54	24	55·45
2	54	28	22·48	54	28	22·80
	54	24	55·45	54	24	55·77
3	54	28	22·80	54	28	22·44
	54	24	55·77	54	24	55·42
4	54	24	54·46	54	24	55·45
	54	21	27·43	54	21	28·42
5	54	24	55·45	54	24	55·77
	54	21	28·42	54	21	28·74
6	54	24	55·77	54	24	55·42
	54	21	28·74	54	21	28·39
7	54	21	27·43	54	21	28·42
	54	18	00·40	54	18	01·39
8	54	21	28·42	54	21	28·74
	54	18	01·39	54	18	01·71
9	54	21	28·74	54	21	28·39
	54	18	01·71	54	18	01·36
10	54	17	53·41	54	17	56·41
	54	14	26·40	54	14	29·39
11	54	17	56·41	54	17	58·74
	54	14	29·39	54	14	31·71
12	54	17	58·74	54	18	00·40
	54	14	31·71	54	14	33·37
13	54	18	00·40	54	18	01·39
	54	14	33·37	54	14	34·35
14	54	18	01·39	54	18	01·71
	54	14	34·35	54	14	34·67
15	54	18	01·71	54	18	01·36
	54	14	34·67	54	14	34·32
16	54	14	26·40	54	14	29·39
	54	10	59·38	54	11	02·36
17	54	14	29·39	54	14	31·71
	54	11	02·36	54	11	04·68
18	54	14	31·71	54	14	33·37
	54	11	04·68	54	11	06·33

Sligo

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
19	54	14	33·37	54	14	34·35
	54	11	06·33	54	11	07·32
20	54	14	34·35	54	14	34·67
	54	11	07·32	54	11	07·64
21	54	14	34·67	54	14	34·32
	54	11	07·64	54	11	07·29
22	54	10	59·38	54	11	02·36
	54	07	32·35	54	07	35·33
23	54	11	02·36	54	11	04·68
	54	07	35·33	54	07	37·65
24	54	11	04·68	54	11	06·33
	54	07	37·65	54	07	39·30
25	54	11	06·33	54	11	07·32
	54	07	39·30	54	07	49·28
26	54	11	07·32	54	11	07·64
	54	07	40·28	54	07	40·60
27	54	11	07·64	54	11	07·29
	54	07	40·60	54	07	40·25
28	54	11	07·29	54	11	06·27
	54	07	40·25	54	07	39·23
29	54	07	32·35	54	07	35·33
	54	04	05·33	54	04	08·30
30	54	07	35·33	54	07	37·65
	54	04	08·30	54	04	10·61
31	54	07	37·65	54	07	39·30
	54	04	10·61	54	04	12·26
32	54	07	39·30	54	07	40·28
	54	04	12·26	54	04	13·24
33	54	07	40·28	54	07	40·60
	54	04	13·24	54	04	13·56
34	54	07	40·60	54	07	49·25
	54	04	13·56	54	04	13·21
35	54	07	40·25	54	07	39·23
	54	04	13·21	54	04	12·20
36	54	04	08·30	54	04	10·61
	54	00	41·27	54	00	43·58

Sligo

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
37	54	04	10.61	54	04	12.26
	54	00	43.58	54	00	45.22
38	54	04	12.26	54	04	13.24
	54	00	45.22	54	00	46.20
39	54	04	13.24	54	04	13.56
	54	00	46.20	54	00	46.51
40	54	04	13.56	54	04	13.21
	54	00	46.51	54	00	46.17
41	54	04	13.21	54	04	12.20
	54	00	46.17	54	00	45.16
42	54	00	43.58	54	00	45.22
	53	57	16.54	53	57	18.18
43	54	00	45.22	54	00	46.20
	53	57	18.18	53	57	19.16
44	54	00	46.20	54	00	46.51
	53	57	19.16	53	57	19.47
45	54	00	46.51	54	00	46.17
	53	57	19.47	53	57	19.12
46	53	57	19.16	53	57	19.47
	53	53	52.11	53	53	52.42
47	53	57	19.47	53	57	19.12
	53	53	52.42	53	53	52.08

Tipperary

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
7	53	03	39.36	53	03	40.40
	53	00	12.29	53	00	13.32
8	53	03	40.40	53	03	40.79
	53	00	13.32	53	00	13.71
9	53	00	10.61	53	00	12.29
	52	56	43.54	52	56	45.21
10	53	00	12.29	53	00	13.32
	52	56	45.21	52	56	46.24
11	53	00	13.32	53	00	13.71
	52	56	46.24	52	56	46.64
12	53	00	13.71	53	00	13.47
	52	56	46.64	52	56	46.39
13	52	56	41.24	52	56	43.54
	52	53	14.17	52	53	16.47
14	52	56	43.54	52	56	45.21
	52	53	16.47	52	53	18.13
15	52	56	45.21	52	56	46.24
	52	53	18.13	52	53	19.16
16	52	56	46.24	52	56	46.64
	52	53	19.16	52	53	19.55
17	52	56	46.64	52	56	46.39
	52	53	19.55	52	53	19.31
18	52	56	46.39	52	56	45.51
	52	53	19.31	52	53	18.43
19	52	53	14.17	52	53	16.47
	52	49	47.09	52	49	49.39
20	52	53	16.47	52	53	18.13
	52	49	49.39	52	49	51.05
21	52	53	18.13	52	53	19.16
	52	49	51.05	52	49	52.08
22	52	53	19.16	52	53	19.55
	52	49	52.08	52	49	52.47
23	52	53	19.55	52	53	19.31
	52	49	52.47	52	49	52.23
24	52	53	19.31	52	53	18.43
	52	49	52.23	52	49	51.35

Tipperary

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
25	52	49	47.09	52	49	49.39
	52	46	20.02	52	46	22.31
26	52	49	49.39	52	49	51.05
	52	46	22.31	52	46	23.97
27	52	49	51.05	52	49	52.08
	52	46	23.97	52	46	25.00
28	52	49	52.08	52	49	52.47
	52	46	25.00	52	46	25.39
29	52	49	52.47	52	49	52.23
	52	46	25.39	52	46	25.14
30	52	49	52.23	52	49	51.35
	52	46	25.14	52	46	24.27
31	52	46	20.02	52	46	22.31
	52	42	52.94	52	42	55.23
32	52	46	22.31	52	46	23.97
	52	42	55.23	52	42	56.89
33	52	46	23.97	52	46	25.00
	52	42	56.89	52	42	57.91
34	52	46	25.00	52	46	25.39
	52	42	57.91	52	42	58.30
35	52	46	25.39	52	46	25.14
	52	42	58.30	52	42	58.06
36	52	46	25.14	52	46	24.27
	52	42	58.06	52	42	57.18
37	52	42	52.94	52	42	55.23
	52	39	25.86	52	39	28.15
38	52	42	55.23	52	42	56.89
	52	39	28.15	52	39	29.80
39	52	42	56.89	52	42	57.91
	52	39	29.80	52	39	30.82
40	52	42	57.91	52	42	58.30
	52	39	30.82	52	39	31.21
41	52	42	58.30	52	42	58.06
	52	39	31.21	52	39	30.97
42	52	42	58.06	52	42	57.18
	52	39	30.97	52	39	30.09

Tipperary

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
43	52	42	57.18	52	42	55.67
	52	39	30.09	52	39	28.59
44	52	39	28.15	52	39	29.80
	52	36	01.06	52	36	02.71
45	52	39	29.80	52	39	30.82
	52	36	02.71	52	36	03.73
46	52	39	30.82	52	39	31.21
	52	36	03.73	52	36	04.12
47	52	39	31.21	52	39	30.97
	52	36	04.12	52	36	03.88
48	52	39	30.97	52	39	30.09
	52	36	03.88	52	36	03.00
49	52	39	30.09	52	39	28.59
	52	36	03.00	52	36	01.50
50	52	36	01.06	52	36	02.71
	52	32	33.98	52	32	35.62
51	52	36	02.71	52	36	03.73
	52	32	35.62	52	32	36.64
52	52	36	03.73	52	36	04.12
	52	32	36.64	52	32	37.02
53	52	36	04.12	52	36	03.88
	52	32	37.02	52	32	36.78
54	52	36	03.88	52	36	03.00
	52	32	36.78	52	32	35.91
55	52	36	03.00	52	36	01.50
	52	32	35.91	52	32	34.42
56	52	36	01.50	52	35	59.37
	52	32	34.42	52	32	32.29
57	52	32	31.70	52	32	33.98
	52	29	04.62	52	29	06.89
58	52	32	33.98	52	32	35.62
	52	29	06.89	52	29	08.53
59	52	32	35.62	52	32	36.64
	52	29	08.53	52	29	09.54
60	52	32	36.64	52	32	37.02
	52	29	09.54	52	29	09.93

Tipperary

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
61	52	32	37.02	52	32	36.78
	52	29	09.93	52	29	09.69
62	52	32	36.78	52	32	35.91
	52	29	09.69	52	29	08.82
63	52	32	35.91	52	32	34.42
	52	29	08.82	52	29	07.33
64	52	32	34.42	52	32	32.29
	52	29	07.33	52	29	05.20
65	52	29	04.62	52	29	06.89
	52	25	37.53	52	25	39.79
66	52	29	06.89	52	29	08.53
	52	25	39.79	52	25	41.43
67	52	29	08.53	52	29	09.54
	52	25	41.43	52	25	42.45
68	52	29	09.54	52	29	09.93
	52	25	42.45	52	25	42.83
69	52	29	09.93	52	29	09.69
	52	25	42.83	52	25	42.59
70	52	29	09.69	52	29	08.82
	52	25	42.59	52	25	41.73
71	52	29	08.82	52	29	07.33
	52	25	41.73	52	25	40.23
72	52	29	07.33	52	29	05.20
	52	25	40.23	52	25	38.12
73	52	25	39.79	52	25	41.43
	52	22	12.70	52	22	14.34
74	52	25	41.43	52	25	42.45
	52	22	14.34	52	22	15.35
75	52	25	42.45	52	25	42.83
	52	22	15.35	52	22	15.73
76	52	25	42.83	52	25	42.59
	52	22	15.73	52	22	15.49
77	52	25	42.59	52	25	41.73
	52	22	15.49	52	22	14.63
78	52	25	41.73	52	25	40.23
	52	22	14.63	52	22	13.14

Tipperary

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
79	52	25	40.23	52	25	38.12
	52	22	13.14	52	22	11.03
80	52	22	14.34	52	22	15.35
	52	18	47.24	52	18	48.25
81	52	22	15.35	52	22	15.73
	52	18	48.25	52	18	48.63
82	52	22	15.73	52	22	15.49
	52	18	48.63	52	18	48.39
83	52	22	15.49	52	22	14.63
	52	18	48.39	52	18	47.53
84	52	22	14.63	52	22	13.14
	52	18	47.53	52	18	46.04
85	52	22	13.14	52	22	11.03
	52	18	46.04	52	18	43.93
86	52	18	47.24	52	18	48.25
	52	15	20.14	52	15	21.14
87	52	18	48.25	52	18	48.63
	52	15	21.14	52	15	21.53
88	52	18	48.63	52	18	48.39
	52	15	21.53	52	15	21.29
89	52	15	20.14	52	15	21.14
	52	11	53.03	52	11	54.04
90	52	15	21.14	52	15	21.53
	52	11	54.04	52	11	54.42
91	52	15	21.53	52	15	21.29
	52	11	54.42	52	11	54.18

Tyrone

1	54	58	45.42	54	58	46.30	7	28	29.75	7	19	21.29
	54	55	18.41	54	55	19.30	7	28	28.35	7	19	20.67
2	54	55	18.41	54	55	19.30	7	28	28.35	7	19	20.67
	54	51	51.40	54	51	52.28	7	28	26.95	7	19	20.05
3	54	55	19.30	54	55	19.49	7	19	20.67	7	10	12.98
	54	51	52.28	54	51	52.48	7	19	20.05	7	10	13.15
4	54	51	49.83	54	51	51.40	7	37	33.85	7	28	26.95
	54	48	22.82	54	48	24.39	7	37	31.68	7	28	25.56

Tyrone

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
5	54	51	51·40	54	51	52·28
	54	48	24·39	54	48	25·27
6	54	51	52·28	54	51	52·48
	54	48	25·27	54	48	25·47
7	54	51	52·48	54	51	52·00
	54	48	25·47	54	48	24·98
8	54	51	52·00	54	51	50·83
	54	48	24·98	54	48	23·82
9	54	48	22·82	54	48	24·39
	54	44	55·81	54	44	57·37
10	54	48	24·39	54	48	25·27
	54	44	57·37	54	44	58·25
11	54	48	25·27	54	48	25·47
	54	44	58·25	54	44	58·45
12	54	48	25·47	54	48	24·98
	54	44	58·45	54	44	57·97
13	54	48	24·98	54	48	23·82
	54	44	57·97	54	44	56·80
14	54	44	50·65	54	44	53·57
	54	41	23·64	54	41	26·56
15	54	44	53·57	54	44	55·81
	54	41	26·56	54	41	28·80
16	54	44	55·81	54	44	57·37
	54	41	28·80	54	41	30·35
17	54	44	57·37	54	44	58·25
	54	41	30·35	54	41	31·23
18	54	44	58·25	54	44	58·45
	54	41	31·23	54	41	31·43
19	54	44	58·45	54	44	57·97
	54	41	31·43	54	41	30·95
20	54	44	57·97	54	44	56·80
	54	41	30·95	54	41	29·79
21	54	44	56·80	54	44	54·96
	54	41	29·79	54	41	27·94
22	54	41	23·64	54	41	26·56
	54	37	56·64	54	37	59·55

Tyrone

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
23	54	41	26·56	54	41	28·80
	54	37	59·55	54	38	01·78
24	54	41	28·80	54	41	30·35
	54	38	01·78	54	38	03·34
25	54	41	30·35	54	41	31·23
	54	38	03·34	54	38	04·21
26	54	41	31·23	54	41	31·43
	54	38	04·21	54	38	04·41
27	54	41	31·43	54	41	30·95
	54	38	04·41	54	38	03·93
28	54	41	30·95	54	41	29·79
	54	38	03·93	54	38	02·77
29	54	41	29·79	54	41	27·94
	54	38	02·77	54	38	00·93
30	54	41	27·94	54	41	25·42
	54	38	00·93	54	37	58·42
31	54	41	25·42	54	41	22·22
	54	37	58·42	54	37	55·22
32	54	37	59·55	54	38	01·78
	54	34	32·54	54	34	34·77
33	54	38	01·78	54	38	03·34
	54	34	34·77	54	34	36·32
34	54	38	03·34	54	38	04·21
	54	34	36·32	54	34	37·19
35	54	38	04·21	54	38	04·41
	54	34	37·19	54	34	37·39
36	54	38	04·41	54	38	03·93
	54	34	37·39	54	34	36·91
37	54	38	03·93	54	38	02·77
	54	34	36·91	54	34	35·75
38	54	38	02·77	54	38	00·93
	54	34	35·75	54	34	33·92
39	54	38	00·93	54	37	58·42
	54	34	33·92	54	34	31·41
40	54	37	58·42	54	37	55·22
	54	34	31·41	54	34	28·22

Tyrone

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
41	54	34	34.77	54	34	36.32	7	37	23.08
	54	31	07.75	54	31	09.29	7	37	20.95
42	54	34	36.32	54	34	37.19	7	28	20.05
	54	31	09.29	54	31	10.17	7	28	18.68
43	54	34	37.19	54	34	37.39	7	19	17.00
	54	31	10.17	54	31	10.36	7	19	16.40
44	54	34	37.39	54	34	36.91	7	10	13.95
	54	31	10.36	54	31	09.88	7	10	14.11
45	54	34	36.91	54	34	35.75	7	01	10.91
	54	31	09.88	54	31	08.73	7	01	11.83
46	54	34	35.75	54	34	33.92	6	52	07.87
	54	31	08.73	54	31	06.90	6	52	09.55
47	54	34	33.92	54	34	31.41	6	43	04.84
	54	31	06.90	54	31	04.40	6	43	07.29
48	54	34	31.41	54	34	28.22	6	34	01.83
	54	31	04.40	54	31	01.21	6	34	05.04
49	54	31	07.75	54	31	09.29	7	37	20.95
	54	27	40.72	54	27	42.27	7	37	18.83
50	54	31	09.29	54	31	10.17	7	28	18.68
	54	27	42.27	54	27	43.14	7	28	17.32
51	54	31	10.17	54	31	10.36	7	19	16.40
	54	27	43.14	54	27	43.33	7	19	15.80
52	54	31	10.36	54	31	09.88	7	10	14.11
	54	27	43.33	54	27	42.86	7	10	14.27
53	54	31	09.88	54	31	08.73	7	01	11.83
	54	27	42.86	54	27	41.71	7	01	12.75
54	54	31	08.73	54	31	06.90	6	52	09.55
	54	27	41.71	54	27	39.88	6	52	11.23
55	54	31	06.90	54	31	04.40	6	43	07.29
	54	27	39.88	54	27	37.38	6	43	09.73
56	54	27	40.72	54	27	42.27	7	37	18.83
	54	24	13.70	54	24	15.24	7	37	16.71
57	54	27	42.27	54	27	43.14	7	28	17.32
	54	24	15.24	54	24	16.11	7	28	15.96
58	54	27	43.14	54	27	43.33	7	19	15.80
	54	24	16.11	54	24	16.31	7	19	15.20

Tyrone

Sheet No.	LATITUDE NORTH				LONGITUDE WEST				
	°	'	"	°	'	"	°	'	"
59	54	27	43.33	54	27	42.86	7	10	14.27
	54	24	16.31	54	24	15.83	7	10	14.43
60	54	27	42.86	54	27	41.71	7	01	12.75
	54	24	15.83	54	24	14.68	7	01	13.67
61	54	27	41.71	54	27	39.88	6	52	11.23
	54	24	14.68	54	24	12.86	6	52	12.91
62	54	27	39.88	54	27	37.38	6	43	09.73
	54	24	12.86	54	24	10.36	6	43	12.16
63	54	24	15.24	54	24	16.11	7	28	15.96
	54	20	48.21	54	20	49.08	7	28	14.61
64	54	24	16.11	54	24	16.31	7	19	15.20
	54	20	49.08	54	20	49.27	7	19	14.60
65	54	24	16.31	54	24	15.83	7	10	14.43
	54	20	49.27	54	20	48.80	7	10	14.59
66	54	24	15.83	54	24	14.68	7	01	13.67
	54	20	48.80	54	20	47.65	7	01	14.58
67	54	24	14.68	54	24	12.86	6	52	12.91
	54	20	47.65	54	20	45.84	6	52	14.57
68	54	20	49.08	54	20	49.27	7	19	14.60
	54	17	22.05	54	17	22.24	7	19	14.00

Waterford

1	52	21	36.07	52	21	36.74	7	48	04.66	7	39	29.20
	52	18	08.97	52	18	09.64	7	48	03.61	7	39	28.81
2	52	21	36.74	52	21	36.79	7	39	29.20	7	30	53.73
	52	18	09.64	52	18	09.69	7	39	28.81	7	30	54.01
3	52	21	36.79	52	21	36.21	7	30	53.73	7	22	18.26
	52	18	09.69	52	18	09.11	7	30	54.01	7	22	19.21
4	52	21	36.21	52	21	35.01	7	22	18.26	7	13	42.80
	52	18	09.11	52	18	07.91	7	22	19.21	7	13	44.42
5	52	18	08.97	52	18	09.64	7	48	03.61	7	39	28.81
	52	14	41.87	52	14	42.54	7	48	02.56	7	39	28.43
6	52	18	09.64	52	18	09.69	7	39	28.81	7	30	54.01
	52	14	42.54	52	14	42.58	7	39	28.43	7	30	54.30
7	52	18	09.69	52	18	09.11	7	30	54.01	7	22	19.21
	52	14	42.58	52	14	42.01	7	30	54.30	7	22	20.16

Waterford

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
8	52 18 09.11	52 18 07.91		7 22 19.21	7 13 44.42	
	52 14 42.01	52 14 40.81		7 22 20.16	7 13 46.04	
9	52 18 07.91	52 18 06.08		7 13 44.42	7 05 09.04	
	52 14 40.81	52 14 38.99		7 13 46.04	7 05 11.92	
10	52 18 06.08	52 18 03.64		7 05 09.64	6 56 34.87	
	52 14 38.99	52 14 36.55		7 05 11.92	6 56 37.82	
11	52 14 38.67	52 14 40.58		8 05 10.80	7 56 36.69	
	52 11 11.57	52 11 13.48		8 05 08.43	7 56 34.98	
12	52 14 40.58	52 14 41.87		7 56 36.69	7 48 02.56	
	52 11 13.48	52 11 14.77		7 56 34.98	7 48 01.52	
13	52 14 41.87	52 14 42.54		7 48 02.56	7 39 28.43	
	52 11 14.77	52 11 15.43		7 48 01.52	7 39 28.05	
14	52 14 42.54	52 14 42.58		7 39 28.43	7 30 54.30	
	52 11 15.43	52 11 15.48		7 39 28.05	7 30 54.58	
15	52 14 42.58	52 14 42.01		7 30 54.30	7 22 20.16	
	52 11 15.48	52 11 14.90		7 30 54.58	7 22 21.11	
16	52 14 42.01	52 14 40.81		7 22 20.16	7 13 46.04	
	52 11 14.90	52 11 13.71		7 22 21.11	7 13 47.65	
17	52 14 40.81	52 14 38.99		7 13 46.04	7 05 11.92	
	52 11 13.71	52 11 11.89		7 13 47.65	7 05 14.20	
18	52 14 38.99	52 14 36.55		7 05 11.92	6 56 37.82	
	52 11 11.89	52 11 09.45		7 05 14.20	6 56 40.76	
19	52 11 09.04	52 11 11.57		8 13 41.87	8 05 08.43	
	52 07 41.95	52 07 44.47		8 13 38.85	8 05 06.07	
20	52 11 11.57	52 11 13.48		8 05 08.43	7 56 34.98	
	52 07 44.47	52 07 46.38		8 05 06.07	7 56 33.28	
21	52 11 13.48	52 11 14.77		7 56 34.98	7 48 01.52	
	52 07 46.38	52 07 47.66		7 56 33.28	7 48 00.48	
22	52 11 14.77	52 11 15.43		7 48 01.52	7 39 28.05	
	52 07 47.66	52 07 48.32		7 48 00.48	7 39 27.67	
23	52 11 15.43	52 11 15.48		7 39 28.05	7 30 54.58	
	52 07 48.32	52 07 48.37		7 39 27.67	7 30 54.86	
24	52 11 15.48	52 11 14.90		7 30 54.58	7 22 21.11	
	52 07 48.37	52 07 47.80		7 30 54.86	7 22 22.06	
25	52 11 14.90	52 11 13.71		7 22 21.11	7 13 47.65	
	52 07 47.80	52 07 46.60		7 22 22.06	7 13 49.26	

Waterford

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
26	52 11 13.71	52 11 11.89		7 13 47.65	7 05 14.20	
	52 07 46.60	52 07 44.79		7 13 49.26	7 05 16.46	
27	52 11 11.89	52 11 09.45		7 05 14.20	6 56 40.76	
	52 07 44.79	52 07 42.36		7 05 16.46	6 56 43.69	
28	52 07 44.47	52 07 46.38		8 05 06.07	7 56 33.28	
	52 04 17.37	52 04 19.27		8 05 03.71	7 56 31.58	
29	52 07 46.38	52 07 47.66		8 56 33.28	8 48 00.48	
	52 04 19.27	52 04 20.55		8 56 31.58	8 47 59.44	
30	52 07 47.66	52 07 48.32		8 48 00.48	8 39 27.67	
	52 04 20.55	52 04 21.22		8 47 59.44	8 39 27.29	
31	52 07 48.32	52 07 48.37		8 39 27.67	8 30 54.86	
	52 04 21.22	52 04 21.26		8 39 27.29	8 30 55.14	
32	52 07 48.37	52 07 47.80		8 30 54.86	8 22 22.06	
	52 04 21.26	52 04 20.69		8 30 55.14	8 22 23.00	
33	52 04 17.37	52 04 19.27		8 05 03.71	7 56 31.58	
	52 00 50.26	52 00 52.16		8 05 01.36	7 56 29.89	
34	52 04 19.27	52 04 20.55		7 56 31.58	7 47 59.44	
	52 00 52.16	52 00 53.44		7 56 29.89	7 47 58.41	
35	52 04 20.55	52 04 21.22		7 47 59.44	7 39 27.29	
	52 00 53.44	52 00 54.10		7 47 58.41	7 39 26.92	
36	52 04 21.22	52 04 21.26		7 39 27.29	7 30 55.14	
	52 00 54.10	52 00 54.15		7 39 26.92	7 30 55.42	
37	52 00 52.16	52 00 53.44		7 56 29.89	7 47 58.41	
	51 57 25.05	51 57 26.33		7 56 28.20	7 47 57.38	
38	52 00 53.44	52 00 54.10		7 47 58.41	7 39 26.92	
	51 57 26.33	51 57 26.99		7 47 57.38	7 39 26.54	
39	52 00 54.10	52 00 54.15		7 39 26.92	7 30 55.42	
	51 57 26.99	51 57 27.03		7 39 26.54	7 30 55.70	
40	51 57 26.99	51 57 26.99		7 47 57.38	7 39 26.54	
	51 53 59.21	51 53 59.87		7 47 56.35	7 39 26.17	

Westmeath

I	53 47 41.03	53 47 40.94	7 23 24.12	7 14 31.23
	53 44 13.98	53 44 13.89	7 23 23.86	7 14 31.69
2	53 44 13.41	53 44 13.98	7 32 16.02	7 23 23.86
	53 40 46.36	53 40 46.92	7 32 15.03	7 23 23.60

Westmeath

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
3	53 44 13.98	53 44 13.89		7 23 23.86	7 14 31.69	
	53 40 46.92	53 40 46.83		7 23 23.60	7 14 32.16	
4	53 44 13.89	53 44 13.14		7 14 31.69	7 05 39.53	
	53 40 46.83	53 40 46.09		7 14 32.16	7 05 40.72	
5	53 40 45.14	53 40 46.36		7 41 06.46	7 32 15.03	
	53 37 18.09	53 37 19.31		7 41 04.76	7 32 14.05	
6	53 40 46.36	53 40 46.92		7 32 15.03	7 23 23.60	
	53 37 19.31	53 37 19.87		7 32 14.05	7 23 23.34	
7	53 40 46.92	53 40 46.83		7 23 23.60	7 14 32.16	
	53 37 19.87	53 37 19.78		7 23 23.34	7 14 32.62	
8	53 40 46.83	53 40 46.09		7 14 32.16	7 05 40.72	
	53 37 19.78	53 37 19.03		7 14 32.62	7 05 41.91	
9	53 40 46.09	53 40 44.68		7 05 40.72	6 56 49.29	
	53 37 19.03	53 37 17.63		7 05 41.91	6 56 51.20	
10	53 37 18.09	53 37 19.31		7 41 04.76	7 32 14.05	
	53 33 51.04	53 33 52.25		7 41 03.06	7 32 13.07	
11	53 37 19.31	53 37 19.87		7 32 14.05	7 23 23.34	
	53 33 52.25	53 33 52.81		7 32 13.07	7 23 23.08	
12	53 37 19.87	53 37 19.78		7 23 23.34	7 14 32.62	
	53 33 52.81	53 33 52.72		7 23 23.08	7 14 33.08	
13	53 37 19.78	53 37 19.03		7 14 32.62	7 05 41.91	
	53 33 52.72	53 33 51.98		7 14 33.08	7 05 43.09	
14	53 37 19.03	53 37 17.63		7 05 41.91	6 56 51.20	
	53 33 51.98	53 33 50.58		7 05 43.09	6 56 53.10	
15	53 33 46.65	53 33 49.17		7 58 43.00	7 49 53.04	
	53 30 19.60	53 30 22.12		7 58 39.87	7 49 50.62	
16	53 33 49.17	53 33 51.04		7 49 53.04	7 41 03.06	
	53 30 22.12	53 30 23.98		7 49 50.62	7 41 01.36	
17	53 33 51.04	53 33 52.25		7 41 03.06	7 32 13.07	
	53 30 23.98	53 30 25.19		7 41 01.36	7 32 12.09	
18	53 33 52.25	53 33 52.81		7 32 13.07	7 23 23.08	
	53 30 25.19	53 30 25.75		7 32 12.09	7 23 22.82	
19	53 33 52.81	53 33 52.72		7 23 23.08	7 14 33.08	
	53 30 25.75	53 30 25.66		7 23 22.82	7 14 33.54	
20	53 33 52.72	53 33 51.98		7 14 33.08	7 05 43.09	
	53 30 25.66	53 30 24.92		7 14 33.54	7 05 44.26	

Westmeath

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
21	53 33 51.98	53 33 50.58		7 05 43.09	6 56 53.10	
	53 30 24.92	53 30 23.53		7 05 44.26	6 56 55.00	
22	53 30 19.60	53 30 22.12		7 58 39.87	7 49 50.62	
	53 26 52.55	53 26 55.06		7 58 36.75	7 49 48.22	
23	53 30 22.12	53 30 23.98		7 49 50.62	7 41 01.36	
	53 26 55.06	53 26 56.92		7 49 48.22	7 40 59.67	
24	53 30 23.98	53 30 25.19		7 41 01.36	7 32 12.09	
	53 26 56.92	53 26 58.13		7 40 59.67	7 32 11.12	
25	53 30 25.19	53 30 25.75		7 32 12.09	7 23 22.82	
	53 26 58.13	53 26 58.69		7 32 11.12	7 23 22.56	
26	53 30 25.75	53 30 25.66		7 23 22.82	7 14 33.54	
	53 26 58.69	53 26 58.60		7 23 22.56	7 14 34.00	
27	53 30 25.66	53 30 24.92		7 14 33.54	7 05 44.26	
	53 26 58.60	53 26 57.86		7 14 34.00	7 05 45.44	
28	53 30 24.92	53 30 23.53		7 05 44.26	6 56 55.00	
	53 26 57.86	53 26 56.47		7 05 45.44	6 56 56.88	
29	53 26 52.55	53 26 55.06		7 58 36.75	7 49 48.22	
	53 23 25.50	53 23 28.01		7 58 33.64	7 49 45.82	
30	53 26 55.06	53 26 56.92		7 49 48.22	7 40 59.67	
	53 23 28.01	53 23 29.86		7 49 45.82	7 40 57.99	
31	53 26 56.92	53 26 58.13		7 40 59.67	7 32 11.12	
	53 23 29.86	53 23 31.07		7 40 57.99	7 32 10.15	
32	53 26 58.13	53 26 58.69		7 32 11.12	7 23 22.56	
	53 23 31.07	53 23 31.62		7 32 10.15	7 23 22.30	
33	53 26 58.69	53 26 58.60		7 23 22.56	7 14 34.00	
	53 23 31.62	53 23 31.53		7 23 22.30	7 14 34.45	
34	53 26 58.60	53 26 57.86		7 14 34.00	7 05 45.44	
	53 23 31.53	53 23 30.80		7 14 34.45	7 05 46.60	
35	53 23 25.50	53 23 28.01		7 58 33.64	7 49 45.82	
	53 19 58.45	53 20 00.95		7 58 30.54	7 49 43.44	
36	53 23 28.01	53 23 29.86		7 49 45.82	7 40 57.99	
	53 20 00.95	53 20 02.80		7 49 43.44	7 40 56.32	
37	53 23 29.86	53 23 31.07		7 40 57.99	7 32 10.15	
	53 20 02.80	53 20 04.00		7 40 56.32	7 32 09.18	
38	53 23 31.07	53 23 31.62		7 32 10.15	7 23 22.30	
	53 20 04.00	53 20 04.56		7 32 09.18	7 23 22.04	

Westmeath

Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
39	53	23	31.62	53	23	31.53
	53	20	04.56	53	20	04.47
40	53	20	04.00	53	20	04.56
	53	16	36.94	53	16	37.49

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I	52	50	31.20	52	50	30.37
	52	47	04.11	52	47	03.29
2	52	47	04.11	52	47	03.29
	52	43	37.02	52	43	36.21
3	52	47	03.29	52	47	01.84
	52	43	36.21	52	43	34.75
4	52	43	36.76	52	43	37.21
	52	40	09.68	52	40	10.12
5	52	43	37.21	52	43	37.02
	52	40	10.12	52	40	09.94
6	52	43	37.02	52	43	36.21
	52	40	09.94	52	40	09.12
7	52	43	36.21	52	43	34.75
	52	40	09.12	52	40	07.67
8	52	40	08.60	52	40	09.68
	52	36	41.51	52	36	42.59
9	52	40	09.68	52	40	10.12
	52	36	42.59	52	36	43.03
10	52	40	10.12	52	40	09.94
	52	36	43.03	52	36	42.85
11	52	40	09.94	52	40	09.12
	52	36	42.85	52	36	42.03
12	52	40	09.12	52	40	07.67
	52	36	42.03	52	36	40.59
13	52	36	41.51	52	36	42.59
	52	33	14.42	52	33	15.49
14	52	36	42.59	52	36	43.03
	52	33	15.49	52	33	15.94
15	52	36	43.03	52	36	42.85
	52	33	15.94	52	33	15.75

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
16	52	36	42.85	52	36	42.03
	52	33	15.75	52	33	14.94
17	52	36	42.03	52	36	40.59
	52	33	14.94	52	33	13.50
18	52	33	14.42	52	33	15.49
	52	29	47.33	52	29	48.40
19	52	33	15.49	52	33	15.94
	52	29	48.40	52	29	48.84
20	52	33	15.94	52	33	15.75
	52	29	48.84	52	29	48.66
21	52	33	15.75	52	33	14.94
	52	29	48.66	52	29	47.85
22	52	33	14.94	52	33	13.50
	52	29	47.85	52	29	46.41
23	52	29	45.63	52	29	47.33
	52	26	18.54	52	26	20.23
24	52	29	47.33	52	29	48.40
	52	26	20.23	52	26	21.30
25	52	29	48.40	52	29	48.84
	52	26	21.30	52	26	21.74
26	52	29	48.84	52	29	48.66
	52	26	21.74	52	26	21.56
27	52	29	48.66	52	29	47.85
	52	26	21.56	52	26	20.75
28	52	29	47.85	52	29	46.41
	52	26	20.75	52	26	19.31
29	52	26	18.54	52	26	20.23
	52	22	51.45	52	22	53.14
30	52	26	20.23	52	26	21.30
	52	22	53.14	52	22	54.21
31	52	26	21.30	52	26	21.74
	52	22	54.21	52	22	54.65
32	52	26	21.74	52	26	21.56
	52	22	54.65	52	22	54.46
33	52	26	21.56	52	26	20.75
	52	22	54.46	52	22	53.65

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST			
	°	'	"	°	'	"	°	'
34	52	22	51·45	52	22	53·14	7	01 09·44
	52	19	24·35	52	19	26·04	7	01 07·29
35	52	22	53·14	52	22	54·21	6	52 33·73
	52	19	26·04	52	19	27·11	6	52 32·26
36	52	22	54·21	52	22	54·65	6	43 58·02
	52	19	27·11	52	19	27·54	6	43 57·21
37	52	22	54·65	52	22	54·46	6	35 22·30
	52	19	27·54	52	19	27·36	6	35 22·16
38	52	22	54·46	52	22	53·65	6	26 46·58
	52	19	27·36	52	19	26·56	6	26 47·11
39	52	19	24·35	52	19	26·04	7	01 07·29
	52	15	57·26	52	15	58·94	7	01 05·16
40	52	19	26·04	52	19	27·11	6	52 32·26
	52	15	58·94	52	16	00·00	6	52 30·79
41	52	19	27·11	52	19	27·54	6	43 57·21
	52	16	00·00	52	16	00·44	6	43 56·41
42	52	19	27·54	52	19	27·36	6	35 22·16
	52	16	00·44	52	16	00·26	6	35 22·03
43	52	19	27·36	52	19	26·56	6	26 47·11
	52	16	00·26	52	15	59·46	6	26 47·64
44	52	15	57·26	52	15	58·94	7	01 05·16
	52	12	30·16	52	12	31·84	7	01 03·02
45	52	15	58·94	52	16	00·00	6	52 30·79
	52	12	31·84	52	12	32·90	6	52 29·32
46	52	16	00·00	52	16	00·44	6	43 56·41
	52	12	32·90	52	12	33·34	6	43 55·61
47	52	16	00·44	52	16	00·26	6	35 22·03
	52	12	33·34	52	12	33·15	6	35 21·89
48	52	16	00·26	52	15	59·46	6	26 47·64
	52	12	33·15	52	12	32·35	6	26 48·17
49	52	12	30·16	52	12	31·84	7	01 03·02
	52	09	03·06	52	09	04·73	7	01 00·90
50	52	12	31·84	52	12	32·90	6	52 29·32
	52	09	04·73	52	09	05·79	6	52 27·86
51	52	12	32·90	52	12	33·34	6	43 55·61
	52	09	05·79	52	09	06·23	6	43 54·81

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Sheet No.	LATITUDE NORTH				LONGITUDE WEST			
	°	'	"	°	'	"	°	'
52	52	12	33·34	52	12	33·15	6	35 21·89
	52	09	06·23	52	09	06·05	6	35 21·75
53	52	12	33·15	52	12	32·35	6	26 48·17
	52	09	06·05	52	09	05·25	6	26 48·69
54	52	09	03·06	52	09	04·73	7	01 00·90
	52	05	35·95	52	05	37·63	7	00 58·78

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1	53	15	15·61	53	15	15·79	6	34 15·12
	53	11	48·55	53	11	48·72	6	34 14·57
2	53	15	15·79	53	15	15·32	6	25 28·96
	53	11	48·72	53	11	48·25	6	25 29·13
3	53	15	15·32	53	15	14·20	6	16 42·81
	53	11	48·25	53	11	47·14	6	16 43·68
4	53	15	14·20	53	15	12·44	6	07 56·66
	53	11	47·14	53	11	45·38	6	07 58·24
5	53	11	48·55	53	11	48·72	6	34 14·57
	53	08	21·47	53	08	21·65	6	34 14·03
6	53	11	48·72	53	11	48·25	6	25 29·13
	53	08	21·65	53	08	21·18	6	25 29·29
7	53	11	48·25	53	11	47·14	6	16 43·68
	53	08	21·18	53	08	20·07	6	16 44·54
8	53	11	47·14	53	11	45·38	6	07 58·24
	53	08	20·07	53	08	18·31	6	07 59·80
9	53	08	20·66	53	08	21·47	6	42 58·78
	53	04	53·59	53	04	54·40	6	42 57·54
10	53	08	21·47	53	08	21·65	6	34 14·03
	53	04	54·40	53	04	54·57	6	34 13·49
11	53	08	21·65	53	08	21·18	6	25 29·29
	53	04	54·57	53	04	54·10	6	25 29·45
12	53	08	21·18	53	08	20·07	6	16 44·54
	53	04	54·10	53	04	53·00	6	16 45·40
13	53	08	20·07	53	08	18·31	6	07 59·80
	53	04	53·00	53	04	51·25	6	08 01·36
14	53	04	52·13	53	04	53·59	6	51 41·57
	53	01	25·06	53	01	26·51	6	42 56·30

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
15	53 04 53.59	53 04 54.40		6 42 57.54	6 34 13.49	
	53 01 26.51	53 01 27.32		6 42 56.30	6 34 12.96	
16	53 04 54.40	53 04 54.57		6 34 13.49	6 25 29.45	
	53 01 27.32	53 01 27.50		6 34 12.96	6 25 29.61	
17	53 04 54.57	53 04 54.10		6 25 29.45	6 16 45.40	
	53 01 27.50	53 01 27.03		6 25 29.61	6 16 46.26	
18	53 04 54.10	53 04 53.00		6 16 45.40	6 08 01.36	
	53 01 27.03	53 01 25.92		6 16 46.26	6 08 02.92	
19	53 04 53.00	53 04 51.25		6 08 01.36	5 59 17.33	
	53 01 25.92	53 01 24.18		6 08 02.92	5 59 19.59	
20	53 01 25.06	53 01 26.51		6 51 39.64	6 42 56.30	
	52 57 57.98	52 57 59.43		6 51 37.71	6 42 55.07	
21	53 01 26.51	53 01 27.32		6 42 56.30	6 34 12.96	
	52 57 59.43	52 58 00.24		6 42 55.07	6 34 12.42	
22	53 01 27.32	53 01 27.50		6 34 12.96	6 25 29.61	
	52 58 00.24	52 58 00.42		6 34 12.42	6 25 29.77	
23	53 01 27.50	53 01 27.03		6 25 29.61	6 16 46.26	
	52 58 00.42	52 57 59.95		6 25 29.77	6 16 47.11	
24	53 01 27.03	53 01 25.92		6 16 46.26	6 08 02.92	
	52 57 59.95	52 57 58.85		6 16 47.11	6 08 04.47	
25	53 01 25.92	53 01 24.18		6 08 02.92	5 59 19.59	
	52 57 58.85	52 57 57.11		6 08 04.47	5 59 21.83	
26	52 57 57.98	52 57 59.43		6 51 37.71	6 42 55.07	
	52 54 30.91	52 54 32.35		6 51 35.80	6 42 53.85	
27	52 57 59.43	52 58 00.24		6 42 55.07	6 34 12.42	
	52 54 32.35	52 54 33.16		6 42 53.85	6 34 11.89	
28	52 58 00.24	52 58 00.42		6 34 12.42	6 25 29.77	
	52 54 33.16	52 54 33.34		6 34 11.89	6 25 29.93	
29	52 58 00.42	52 57 59.95		6 25 29.77	6 16 47.11	
	52 54 33.34	52 54 32.87		6 25 29.93	6 16 47.97	
30	52 57 59.95	52 57 58.85		6 16 47.11	6 08 04.47	
	52 54 32.87	52 54 31.77		6 16 47.97	6 08 06.01	
31	52 57 58.85	52 57 57.11		6 08 04.47	5 59 21.83	
	52 54 31.77	52 54 30.03		6 08 06.01	5 59 24.07	

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Sheet No.	LATITUDE NORTH			LONGITUDE WEST		
	°	'	"	°	'	"
32	52 54 32.35	52 54 33.16		6 42 53.85	6 34 11.89	
	52 51 05.27	52 51 06.08		6 42 52.62	6 34 11.36	
33	52 54 33.16	52 54 33.34		6 34 11.89	6 25 29.93	
	52 51 06.08	52 51 06.25		6 34 11.36	6 25 30.08	
34	52 54 33.34	52 54 32.87		6 25 29.93	6 16 47.97	
	52 51 06.25	52 51 05.79		6 25 30.08	6 16 48.81	
35	52 54 32.87	52 54 31.77		6 16 47.97	6 08 06.01	
	52 51 05.79	52 51 04.69		6 16 48.81	6 08 07.55	
36	52 54 31.77	52 54 30.03		6 08 06.01	5 59 24.07	
	52 51 04.69	52 51 02.96		6 08 07.55	5 59 26.30	
37	52 51 05.27	52 51 06.08		6 42 52.62	6 34 11.36	
	52 47 38.19	52 47 39.00		6 42 51.40	6 34 10.83	
38	52 51 06.08	52 51 06.25		6 34 11.36	6 25 30.08	
	52 47 39.00	52 47 39.17		6 34 10.83	6 25 30.24	
39	52 51 06.25	52 51 05.79		6 25 30.08	6 16 48.81	
	52 47 39.17	52 47 38.71		6 25 30.24	6 16 49.66	
40	52 51 05.79	52 51 04.69		6 16 48.81	6 08 07.55	
	52 47 38.71	52 47 37.61		6 16 49.66	6 08 09.08	
41	52 51 04.69	52 51 02.96		6 08 07.55	5 59 26.30	
	52 47 37.61	52 47 35.88		6 08 09.08	5 59 28.52	
42	52 47 38.19	52 47 39.00		6 42 51.40	6 34 10.83	
	52 44 11.11	52 44 11.91		6 42 50.19	6 34 10.30	
43	52 47 39.00	52 47 39.17		6 34 10.83	6 25 30.24	
	52 44 11.91	52 44 12.08		6 34 10.30	6 25 30.40	
44	52 47 39.17	52 47 38.71		6 25 30.24	6 16 49.66	
	52 44 12.08	52 44 11.62		6 25 30.40	6 16 50.50	
45	52 47 38.71	52 47 37.61		6 16 49.66	6 08 09.08	
	52 44 11.62	52 44 10.53		6 16 50.50	6 08 10.61	
46	52 44 11.91	52 44 11.91		6 42 50.19	6 34 10.30	
	52 40 44.02	52 40 44.82		6 42 48.98	6 34 09.77	
47	52 44 11.91	52 44 12.08		6 34 10.30	6 25 30.40	
	52 40 44.82	52 40 44.99		6 34 09.77	6 25 30.56	