$ \begin that the probability of the probability o$	ns OS Data Crown copyrig	ht and datab	base rights 2	016, licensed	d under the OGL (se	e at http://www	.nationalarchi	ves.gov.uk/doc/open-governn	nent-licence/version/3/).			
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naling you, 2014 2014 2014 2014 2014 2014 2014 2014												
$ \begin begin be$	hrig y Wrach	798.6	115	17	SH 71620 62288	Trimble GeoXH 6000	180.3	SH 70954 62637	Trimble GeoXH 6000	618.4	618.4m bwich height (180.3m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips. 798.576m height positioned at SH 71621 62289 recorded in the OS Trig Database given to a bolt embedded in rock that is now destroyed. Listing History: First published listing. ⁻ Twenty-First gublished in 1911 by the Rucksack Club Journal and	
wig 76.9 135 17 9166820 5090 78.8 916713 5010 78.8 18.8 Ref											Numerical Data: 771.0m summit height and 722.6m bwich height (48.4m drop) from a Leica RX1250 survey conducted by Alan Dawson. Listing History: First published listing - Twenty- Fives published in 1911 by the Rucksack Club	
rwnrej 7559 115 17 SH 66387 67938 000 36.6 SH 66787 67818 Immed Geometric Constraints 72.03 Moss: en Mawr 793.7 115 17 SH 67482 68271 Lees 80220 29.8 SH 67531 681.09 Immed Geometric Constraints Namescale Constraints		//10	115	17	SH 70843 69585		48.4	2H 10683 99048	Leia RX1250	722.6	Place Name Information: Name taken from the Y Pellennig - The Remotest Hills of Wules booklet by Phillips/Williams (Europeakist 2015). Name also recorded as Drosgi on the contemporary Ordnance Survey 15,0000 Landranger and 1:25,000 Explorer map. Numerical Datz: 756.9 ms summit height and 720.3 m bwich height (36.6m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips. Listing History: First known listing - The 2000-footers of England (and Wides) compiled in the late 1202 by Arthur St	
In New 793.7 15 37 916/942 8827 use N1220 298 916/951 8819 Theorematical List 8125 usery conducting year from particular by wear from year of the parte particular by wear from year of the particular by wear from ye		756.9	115	17	SH 66387 67984		36.6	SH 66787 67818	Trimble GeoXH 6000	720.3		
aig figiou 75.0 115 17 SH 71335 66425 Lew N1200 20.9 94 71395 66400 Lew N1200 71.43 Number degit 20.75 minute base 73.64 minute base 73.6											Leica RX1250 survey conducted by Alan Dawson and 763.9m bwich height (29.8m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips. Listing History: First published listing. <i>Twenty-Fives</i> published in 1911 by the Rucksack Club Journal and	
Image: space of the space	wr	/93.7	115	17	5H 6/482 682/1	Leica RX1250	29.8	SH 67513 68149	Trimble GeoXH 6000	763.9	Numerical Data: 735.0m summit height and 714.1m bwlch height (20.9m drop) from a Leica RX1250 survey conducted by Alan Dawson. Listing History: First published listing - The Mountains of Snowdonia published in 1925 by John Lane the Bodley Head	
Anne Note Note Note ame I Summit 1:50,000 Map Namit Summit Grid Summit Grid<	ziau	735.0	115	17	SH 71315 65425	Leica RX1250	20.9	SH 71191 65460	Leica RX1250	714.1	George A Lister.	
Anne Normal 1:25,000 Summit Grid Summit Grid Summit Grid Drop Bwich Grid Bwich Grid Bwich Grid Bwich Grid Bwich Grid Height (M) Nees anne Height (M) Map 1:25,000 Map Reference Drop Bwich Grid Bwich Grid Bwich Grid Height (M) Nees anne A A A A A A A Nees Nees anne A A A A A A A A Nees Nees anne A												
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allt yr Ogof 762.6 115 17 SH 68529 58569 LUDAR 42.1 SH 68208 58413 LUDAR 720.5 Nbwich height (42.1 m drog) from LUD analysis coducted by Jueb Milliams. Listing the Bodiety Head Limited and compiled by the Bodiety Head Limited and Compiled by thead Limited and Compiled by <br< td=""><td></td><td></td><td></td><td></td><td></td><td>Reference</td><td></td><td></td><td>Bwlch Grid Reference extracted from</td><td></td><td>Notes</td><td></td></br<>						Reference			Bwlch Grid Reference extracted from		Notes	
Image: Sector of the sector of th	Orof	762.6	115	17	5H 68529 58569	11048	42.1	SH 68208 58413	UDAR	720.5		
Image: Sector	0,501	702.0	115	17	51106525 56565	LIDAR	42.1	51106208 50415	LIDAK	720.5	nei bert in e can and George A Lister.	
Wuddfa												
r Wyddfa												
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Summit 1:50,000 1:25,000 Summit Grid Summit Grid Drop Bwlch Grid Bekerence extracted Bwlch	uuia					Summit Grid	_					

										Numerical Data: 747.2m summit height from a Leica 530 survey conducted by John Barnard,	
										Graham Jackson and Myrddyn Phillips and 508.9m (238.4m drop) from LIDAR analysis conducted by Aled Williams. Embedded bolt in rock with a 747.064m height situated on the summit area at 504037 51526. Listing History: First published listing - <i>The Mountains</i> of Snowdonia published I nt 1925 by John Lane the Bodley Head Limited and compiled by	
Yr Aran	747.2	115	17	SH 60441 51532	hand-held GPS	238.4	SH 60527 52142	LIDAR	508.9	Herbert R C Carr and George A Lister. Numerical Data: 726.2m summit height and 467.0sm buch height (259.2m drop) from LIDAR analysis conducted by Aled Williams. Listing History: First published listing - The Mountains of Snowdonia published in 1925 by	
Moel Eilio	726.2	115	17, 254	SH 55605 57706	LIDAR	259.2	SH 57231 55869	LIDAR	467.05	John Lane the Bodley Head Limited and compiled by Herbert R C Carr and George A Lister.	
										Numerical Data: 720.0m summit height and 692.1m bwich height (28.0m drop) from a Trimble GeoXH	
Llechog	720.0	115	17	SH 60613 56751	Trimble GeoXH. 6000	28.0	SH 60557 56634	Trimble GeoXH 6000	692.1	6000 survey conducted by Myrddyn Phillips. Listing History: First published listing - The Two-Thousands of Wales published in 1940 by the Rucksack Club Journal and compiled by Ted Moss.	
Moel Hebog											
	Summit	1:50,000	1:25,000	Summit Grid	Summit Grid	Drop	Bwlch Grid		Bwlch		
Name	Height (m)	Map	Map	Reference	Reference extracted from	(m)	Reference	Bwich Grid Reference extracted from	Height (m)		
										Numerical Data: 783.1m summit height and 198.55m bwich height (584.55m drop) from UDAR analysis conducted by Aled Williams. Triangulation pillar with 783.031m flush bracket height Stuated on the summit area at SH 56481 46940. Listing History: First published listing - Twenty-Fives published in 1911 by the Kuckask Club Journal and	
Moel Hebog	783.1	115	17, 254	SH 56518 46959	LIDAR	584.55	SH 57512 51263	LIDAR	198.55	compiled by John Rooke-Corbett. Numerical Data: 733.4m summit height from a	
					Trimble GeoXH.					Trimble GeoXH 6000 survey conducted by Myrddyn Philips and Aled Williams and 33.4 sm bwich height (398.5 m drop) from LiDAR analysis conducted by Aled Williams. Listing History: First published listing - <i>The Mountains</i> of <i>Snowdonia</i> published in 1925 by John Lane the Bodley Head Limited and compiled by	
Pt. 733.4m	733.4	115	17, 254	SH 52555 50262	Trimble GeoXH 6000	398.5	SH 55308 49663	LIDAR	334.9	Herbert R C Carr and George A Lister. Numerical Data: 709.7m summit height and 501.1m bwlch height (208.6m drop) from	
										LIDAR analysis conducted by Aled Williams. Listing History: First published listing - The Mountains of Snowdonia published in 1925 by John Lane the Bodley Head Limited and compiled by Herbert R C Carr and George A	
Trum y Ddysgl	709.7	115	17, 254	SH 54486 51639	LIDAR	208.6	SH 53095 50725	LIDAR	501.1	Lister.	
										Place Name Information: Listed name written as	
Garnedd Goch	701.9	115	17, 254	SH 51114 49522	Trimble GeoXH 6000	25.1	SH 51908 49970	Trimble Geoxy 6000		Garnedd-goch on the contemporary Ordinance Survey 15:000 Unardrager and 12:500 Explorer map. Numerical Data: 701.9m summit height and 676.8m bulch height (25.1m drop) from a Trimble Goch/ 6003 ursy conducted by Myrddyn Phillips Goch/ 6003 ursy conducted by Myrddyn Phillips Missing Ten Mountains standard and the summit area at SH S1117 49521. Listing History: First published listing. Ten Mountains of Sonwohan published in 1925 by John Lane the Bodley Head Limited and compled by Herent R C Carr and Gocge A Lister.	
	701.5	115	17,234	5115111445512	1000		51151560 45570	IIIIIDE GEDAR GOAD	070.0		
Moelwynion											
	Summit Height	1:50,000	1:25,000	Summit Grid		Drop	Bwlch Grid		Bwlch Height		
Name	(m)	Мар	Мар	Reference		(m)	Reference	Bwich Name / Feature	(m)	Notes The bwlch is also known in English as the	
Moelwyn Mawr	770	124	18	3H 65821 44859 (TP)	385	SH 70000 48660 (S)	Bwlch y Gorddinan	384.5	Crimea Pass with this name appearing on contemporary Ordnance Survey maps. Triangulation pillar with 770.534m flush bracket height situated on the summit area. 384.5m bwich height from a Trimble GeoXH 6000 survey conducted by Myrddyn Philips.	
Moelwyn Bach	710	124	18	3H 66032 43746 (HH)	124	SH 66079 44091 (SH	Bwlch Stwlan	586	Drop value taken from the 586m bwlch height on the Ordnance Survey Vector Map Local hosted on the Geograph website and which is entitled the Interactive Coverage	
Arenig											

Name	Summit Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference		Drop (m)	Bwlch Grid Reference	Bwlch Name / Feature		Bwlch Height (m)	Notes
Hume	(11)	map	map			(,	Reference	Dwien Hame / Feature		()	
Moel Llyfnant	751	124, 125	18, 23	3H 80831 35188 (HH)	с	209	SH 81634 35448 (I)	uom	с	542	
Rhobell Fawr	734	124	23	3H 78679 25662 (TP)	с	305	SH 82314 28604 (I)	uom	с	429	Triangulation pillar with 734.568m flush bracket height situated on the summit area.
Pt. 714.3m	714.3	124, 125	18, 23	SH 82741 35938 (L)		20.7	SH 82725 36128 (L)	uom		693.6	714.3m summit height and 693.6m bwich height (20.7m drop) from LIDAR analysis conducted by Aled Williams.
Rhinogydd											
Name	Summit Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference		Drop (m)	Bwich Grid Reference	Bwich Name / Feature		Bwlch Height (m)	Notes
Y Llethr	756	124	18	3H 66137 25777 (HH)	C	561	SH 69907 34682 (I)	Llyn Trawsfynydd	С	195	Triangulation pillar with 750.722m flush bracket height situated on the summit area at SH 66126 23408. 750.4m summit height and 602.8m bwlch height (147.6m drop) from a Leica GS15 survey conducted by
Diffwys	* 750.4	124	18	SH 66127 23413 (S)		* 147.6	SH 66613 24396 (S)	uom		* 602.8	John Barnard, Graham Jackson and Myrddyn Phillips. Bwlch name written as Bwlch Drws-
											Ardudwy on the contemporary Ordnance Survey 125.000 Explorer man. Summit height taken from the 2,362ft (719 95m) levelled height on the Ordnance Survey 1: 2,500 map. Triangulation pillar with 721.156m height situated on the summit area at SH 6570 20006, with this height quoted as 'Ht to top of pillar' in the OS Trig Database, as there is no adjoined flush bracket on the trig pillar. 352.6m bluch height from a Timble GeoXH 6000 survey
Rhinog Fawr	720	124	18	3H 65700 29012 (HH)		367	SH 66446 28164 (S)	Bwlch Drws Ardudwy		352.6	conducted by Myrddyn Phillips. 711.6m summit height and 560.6m bwlch height (151.0m drop) from a Trimble
Rhinog Fach	711.6	124	18	SH 66485 27017 (S)		* 151.0	SH 66561 26533 (S)	uom		560.6	GeoXH 6000 survey conducted by Myrddyn Phillips.
Aran	Summit									Bwlch	
Name	Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference		Drop (m)	Bwlch Grid Reference	Bwich Name / Feature		Height (m)	Notes
<u>Pt. 779m</u>	779	124, 125	23	3H 83677 19459 (HH)		215	SH 84139 19997 (S)	uom		564.1	Summit height taken from the 2,557ft (779.4m) levelled height on the Ordnance Survey 1:10,560 map. 564.1m bwlch height from a Trimble GeoXH 6000 survey
Y Berwyn	0										
Name	Summit Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference		Drop (m)	Bwlch Grid Reference	Bwich Name / Feature		Bwlch Height (m)	Notes
											Hill name written as Cadair Bronwen on contemporary Ordnance Survey maps. Placement of bwlch name on contemporary Ordnance Survey maps under consideration. 783.4m summit height and
Cadair Fronwen	783.4	125	255	SJ 07754 34661 (S)		73.3	SJ 07602 34085 (S)	Bwlch Maen Gwynedd		710.1	710.1m bwlch height (73.3m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips.
Tomle	740.7	125	255	SJ 08529 33529 (S)		20.9	SJ 08087 33716 (S)	uom		719.8	740.7m summit height and 719.8m bwich height (20.9m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips.
											.,, mjravji i miljuo.
Cadair Idris											
	Summit Height	1:50,000	1:25,000	Summit Grid		Drop	Bwlch Grid			Bwlch Height	
Name	Height (m)	1:50,000 Map	1:25,000 Map	Reference		Drop (m)	Reference	Bwich Name / Feature		(m)	Notes

21 204 0		101			470.0			+ 740 7	791.9m summit height and 712.7m bwlch height (79.2m drop) from a Leica RX1250
Pt. 791.9m	* 791.9	124	23	SH 71062 12126 (S)	* 79.2	SH 70925 12452 (S)	uom	* 712.7	survey conducted by Alan Dawson.
Pumlumon									
Name	Summit Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference	Drop (m)	Bwich Grid Reference	Bwich Name / Feature	Bwlch Height (m)	Notes
									Hill name also appears on contemporary Ordnance Survey maps as Pen Pumlumon Fawr and Plynlimon. Triangulation pillar
umlumon Fawr	752	135	213	3N 78968 86940 (TP)	c 525	SN 87149 29949 (I)	uom	c 227	with 753.160m flush bracket height situated Hill name also appears on contemporary Ordnance Survey maps as Pen Pumlumon Arwystli. Second summit of same map
									height positioned at SN 815 877 on the Ordnance Survey Vector Map Local hosted on the Geograph website and which is entitled the Interactive Coverage Map.
Pumlumon Arwystli Pt. 727m	741	135, 136		3N 81495 87755 (HH) 3N 79902 87159 (HH)	64	SN 80883 87397 (SH SN 79440 87031 (SH	uom	677	Dron value from 677m bwlch spot height on
. 7270	121	135	213	NY 79902 67139 (FH)	30	314 79440 67031 (31	uom	091	
ſ Mynydd Du									
lame	Summit Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference	Drop (m)	Bwlch Grid Reference	Bwich Name / Feature	Bwlch Height (m)	Notes
Fan Hir	* 760.0	160	12	SN 83090 20921 (S)	* 43.0	SN 82898 21275 (L)	Bwlch Giedd	* 717.0	760.0m summit height from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips. 717.0m bwich height from LIDAR
	749.1	160	12		93.2			655.9	analysis conducted by Aled Williams Bwlch name written as Bwlch Blaen-Twrch on current Ordnance Survey maps. 749.1 m summit height and 655.9m bwlch height
icws Du	749.1	160	12	SN 81171 21858 (S)	93.2	SN 81635 21728 (S)	Bwich Blaen Twich	000.9	(93.2m drop) from a Trimble GeoXH 6000
Forest Fawr									
lame	Summit Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference	Drop (m)	Bwich Grid Reference	Bwich Name / Feature	Bwlch Height (m)	Notes
an Fawr	734	160	12	3N 96989 19369 (HH)	295	SN 98223 20289 (S)	uom	439.5	439.5m bwlch height from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips.
	734	100	12	in source (111)	293	<u>3N 30223 20203 (3)</u>	uom	433.3	726.1m summit height from a Leica RX1250 survey conducted by Alan Dawson. Triangulation pillar with 725.424
									m flush bracket height situated southward of summit at SN 88055 19072. Drop value taken from the 445m bwlch spot height on the Ordnance Survey Vector Map Local
an Gyhirych	726.1	160	12	SN 88054 19120 (S)	281	SN 92398 19625 (SH	uom	445	hosted on the Geograph website and which is entitled the Interactive Coverage Map.
Bannau Brycheiniog									
lame	Summit Height (m)	1:50,000 Map	1:25,000 Map	Summit Grid Reference	Drop (m)	Bwlch Grid Reference	Bwich Name / Feature	Bwlch Height (m)	Notes
	(,							(,	794.1m summit height and 666.1m bwlch height (128.0m drop) from a Trimble
		160	12	SO 02392 21313 (S)	* 128.0	SO 01935 21152 (S)	uom	666.1	GeoXH 6000 survey conducted by Myrddyn Phillips. 769.2m summit height and 599.5m bwlch
hibyn	794.1								height (169.7m drop) from a Trimble
	794.1	160	12	SO 06211 20645 (S)	169.7	SO 03161 20517 (S)	Bwlch ar y Fan	599.5	height (169.7m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips.
			12	SO 06211 20645 (S)		SO 03161 20517 (S)	Bwlch ar y Fan	599.5	height (169.7m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillios. 716.7m summit height and 888.2m bw/ch height (28.5m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips, with the
/aun Rydd			12	SO 06211 20645 (S)		SO 03161 20517 (S) SO 03773 19876 (S)	Bwich ar y Fan	599.5 688.2	height (169.7m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillins. 716.7m summit height and 688.2m bwlch height (28.5m drop) from a Trimble GeoXH 6000.
Yaun Rydd an y Big	769.2	160			169.7		·		height (169.7m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillios. 716.7m summit height and 888.2m bw/ch height (28.5m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips, with the
Vaun Rydd	769.2	160			169.7		·		height (169.7m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillios. 716.7m summit height and 888.2m bw/ch height (28.5m drop) from a Trimble GeoXH 6000 survey conducted by Myrddyn Phillips, with the

Pen y Gadair Fawr	799.8	161	13	SO 22944 28758 (L)	46.6	SO 22657 29359 (L)	uom	753.2	799.8m summit height and 753.2m bwlch height (46.6m drop) from LIDAR analysis conducted by Aled Williams.
Pen Allt Mawr	719.6	161	13	SO 20689 24303 (L)	103.5	SO 20444 28617 (L)	uom	616.1	Hill name written as Pen Allt-mawr on contemporary Ordnance Survey maps. 719.6m summit height and 616.1m bwlch height (103.5m drop) from LIDAR analysis initially conducted by Aled Williams and Differentiate the Martiel Deliver.
Twyn Liech	703.6	161	13	SO 25520 35383 (S)	154.5	SO 23542 35192 (S)	Bwich yr Efengyl	549.1	Bwich name taken from the Ordnance Survey enlarged mapping on the Geograph website. The bwich is also named by its English rendition of the Geogel Pass on contemporary Ordnance Survey maps. Bwich yr Efengyl holds the distinction of being the highest noad pass in Wales. 703.6m summit height and 549.1m bwich height (154.5m drop) from a Timble GeoXH 6000 survey conducted by Myrddyn Phillips with the position of the bwich ascertained from LIDAR analysis conducted by Aled Williams.
Pen Cerrig Calch	701	161	13	iO 21655 22419 (HH)	52	SO 21234 22823 (SH	uom	649	Hill name written as Pen Cerrig-calch on contemporary Ordnance Survey maps. Triangulation pillar with 701. 649m flush bracket height situated south-eastward of summit at SO 21704 22352. Drop value taken from the 649m bwich spot height on the Ordnance Survey Vector Map Local hosted on the Geograph website and which is entitled the Interactive Coverage Map.
									713.4m summit height and 691.1m bwich height
Rhos Dirion	713.4	161	13	SO 21184 33342 (L)	22.3	SO 20609 32591 (L)	uom	691.1	(22.3m drop) from LIDAR analysis conducted by Aled Williams. Triangulation pillar with 712.927 m flush bracket height situated on the summit