

RAINFALL AT Felindre Llyn ReservoirSwanseaGlamorgan.Observer Ed. Lousins

Rain { By.....

Gauge { Diameter.....8.....in.Height above Ground, 3.....ft.....in.Above Mean Sea Level 420.....ft.Loughor - 1.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....							6.56	6.41		6.61	
February							5.12	3.46		6.32	
March							4.25	4.27		2.34	
April							1.97	5.09		3.22	
May							1.39	4.10		4.88	
June							4.27	1.40		.92	
July							2.65	3.90		1.84	
August							5.61	3.06		2.19	
September.....							11.54	5.14		8.28	
October							3.36	7.85		4.90	
November.....							5.83	2.01		5.15	
December							5.05	3.68		5.47	
TOTALS	(114.50)		56.94	55.16	41.61	44.54	57.60	50.37	53.35	52.12	525.69

annual total 1868 had 1.20 entered 11.22 from table with S.R. Collinson.

1885 Feb 28th W. Wyll wrote - "these gaugings were I understand taken at Carreg Mwyd about a mile west of the present site the height above sea-level being about the same -

Swansea, South Dock Lock

60

Glamorgan.

J. W. James

12 in

14 9 67
16 ft + Ground

+ S.L. 30 ft?

Yawe - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			*		2.22	3.47	4.21	4.12	2.66	4.62	
February - -					1.78	2.52	3.32	2.51	1.56	5.21	
March - - -					2.05	1.74	2.67	2.56	2.29	1.53	
April - - - -					.76	2.49	1.43	3.60	1.47	2.03	
May - - - - -					1.20	2.59	.66	3.04	2.58	3.20	
June - - - - -					1.74	2.06	2.25	1.07	.08	.49	
July - - - - -					.77	3.10	.89	1.87	.35	1.06	
August - - -					1.69	3.61	3.58	1.91	4.11	1.24	
September -					4.70	.11	8.37	2.05	2.42	5.85	
October - -					1.85	5.47	1.53	5.50	3.64	2.73	
November -					3.50	3.74	1.38	1.54	1.50	2.24	
December -					2.48	2.15	2.91	2.36	6.86	3.99	
TOTALS -					24.74	33.05	33.20	32.13	29.52	34.19	

1 1 1 1 1 1

Returns in 1862 & 63 not reliable

Hyd Sta. No. 497125

NGR: (21) 656926

Alt. 9m 30ft.

South Dock Lock

Glyptostrobus

Swansea Valley

Stamorgan.

J. Rogers M.D.

1866

Diam. 5 in

+ ground 4 ft Sea level 300 feet

Yawe - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.12	2.63	6.21	6.85	4.34	7.04	10.16				
February - -	2.99	4.78	1.38	2.68	3.13	4.89	8.10				
March - - -	5.24	6.51	6.84	1.41	3.53	2.96	5.08				
April - - -	2.09	.26	6.83	2.48	1.34	1.74	2.15				
May - - -	5.52	1.40	4.36	3.13	1.68	7.15	2.09				
June - - -	11.23	3.71	5.81	6.41	4.06	2.56	4.62				
July - - -	3.63	10.89	7.54	1.42	2.27	5.88	2.46				
August - -	12.31	8.11	4.23	7.24	3.95	7.22	5.78				
September -	5.89	9.04	3.91	8.98	7.83	1.12	14.26				
October - -	6.93	3.22	10.30	9.78	2.51	7.60	3.49				
November -	4.79	10.41	2.06	7.00	6.60	7.98	7.49				
December -	4.47	5.82	7.60	4.54	3.70	5.55	8.44				
TOTALS -	73.21	66.78	67.07	61.92	44.94	61.69	74.12				

$$1856 = 54.44$$

$$7 = 50.80$$

$$8 = 51.69$$

$$9 = 64.46$$

$$60 = 73.21$$

$$11 = 66.78$$

$$361.38 = 60.23$$

RAINFALL AT Gokalyeras Shanwa Glamorgan.

Observer D. Thomas M.D.

Rain { By.....
Gauge { Diameter.....8.....in.

Height above Ground, 4.....ft. 4.....in.

Above Mean Sea Level.....220.....ft.

Year - 3.

YEAR.....										1868	1869	MEANS.
January.....										5.00	8.51	
February										#		
March										3.71	8.16	
April.....										6.50	2.99	
May										3.47	3.17	
June.....										3.39	4.06	
July86	1.11	
August.....										.90	3.02	
September.....										6.77	2.52	
October										3.92	10.43	
November.....										7.37	4.67	
December.....										5.78	5.52	
TOTALS										12.77	9.28	
										60.44	63.44	

1868 Jan rough est.

5 M N W of Swansea

Above Mean Sea Level.....ft.

[illegible]

Rainfall at Cowbridge (The Ham)

60

glamorgan.

G. W. Nicholl

G. on lawn, 95 ft from nearest tree, 200 ft from house, 25 ft from a 5 ft fall to a lower lawn

Diameter of Gauge, ... 8 in.

Height above Ground, ... 1 ft. ... 3 in.

Above Mean Sea Level, ... 50-60 ft.

ogmore - 5. N & S copper

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.86	4.40	4.42	4.83	3.26		
February - -	4.09	3.49	2.23	1.77	3.34		
March - - -	1.63	2.68	2.62	2.04	1.20		
April - - -	.91	1.73	4.12	1.62	1.53		
May - - - -	4.06	1.01	3.17	1.29	3.74		
June - - - -	*2.03	1.85	2.60	.59	.16	1.04	
July - - - -	.96	3.25	1.67	3.94	.96	.84	
August - - -	1.37	4.86	3.45	2.31	5.20	1.59	
September -	4.13	.05	9.60	1.81	3.87	5.87	
October - -	2.01	6.05	3.20	5.64	4.20	3.07	
November -	*2.65	3.77	3.67	1.68	1.61	2.30	
December -	2.64	2.29	4.06	1.87	7.47	3.42	
TOTALS -	36.67	41.56	34.40	35.02	31.20		

*On Nov: 18/64 a violent gale from S.W overturned the rain gauge.
The return for Nov^r is therefore incorrect.

RAINFALL AT *Leardiff Water Works* *Ely P. Sta.*

Glamorgan.

Rain { By *F. H. South. Esq.*
Gauge { Diameter.....*5*.....in.

Height above Ground, *3* ft. in. *68* Above Mean Sea Level, *15* ft.
3 *65* *15 = 65* *53*

oymore - 5.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	5.91	2.13	3.80	4.22	2.53	3.83	5.55	4.64	5.43	5.61	4.365
February	1.52	3.10	.50	1.88	1.44	4.01	5.06	3.73	2.50	4.01	2.775
March	3.23	4.10	4.05	1.76	3.69	.88	2.74	3.73	2.65	1.58	2.841
April	2.64	.84	3.94	1.61	1.43	1.12	1.58	4.24	2.20	1.66	2.126 -
May	5.57	.60	3.68	2.32	.72	2.71	.90	3.57	2.07	4.80	2.694
June	8.20	6.07	4.82	4.28	2.33	2.15	3.32	.63	.39	.99	3.318
July	2.54	7.53	3.05	.72	1.11	3.94	2.48	3.37	.34	1.06	2.614
August	8.37	3.25	3.53	5.07	1.58	4.85	3.32	1.55	5.70	1.06	3.828
September ...	3.69	4.81	4.08	5.26	4.66	-	12.17	2.11	4.77	6.07	4.762
October	4.55	3.02	8.46	7.39	2.91	8.16	3.13	5.86	4.62	4.16	5.226 +
November ...	3.86	6.24	2.03	4.22	4.63	4.45	4.25	1.61	2.14	3.73	3.716
December	3.83	2.16	3.02	1.69	1.96	2.94	5.06	2.41	8.78	5.66	3.751
TOTALS	53.91	43.85	44.96	40.42	28.99	39.04	49.56	37.45	41.59	40.39	42.016
	+	c	c	c	-	c	c	c	c	c	

*Very open position**Nyod. Sta. no. 47- 491560**NQR: (31) 141765 (Est)**Alt. 16m 53ft.*

RAINFALL AT Fairwater

Glamorgan

Observer.....*Edward L. Davist*

Rain { By.....
Gauge {

Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level.....ft.

ogmore - 5.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....											
February											
March											
April.....											
May											
June.....											
July											
August.....											
September.....											
October											
November.....											
December.....											
TOTALS				494033.70							

RAINFALL AT *Cowbridge Lansannon Court-* *Glamorgan*

Observer *R. N. Cooper*

Rain { By.....
 Gauge {

Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level.....ft.

open - 5.

YEAR.....								1867	1868	1869	MEANS.
January.....									4.30	4.70	
February.....								2.31	1.89	4.60	
March.....								2.64	2.80	1.62	
April.....								3.36	1.97	2.27	
May.....								2.70	2.18	4.60	
June.....								.79	.33	1.14	
July.....								3.81	.57	.91	
August.....								2.32	4.52	1.76	
September.....								2.91	3.57		
October.....								5.93	4.87		11.06
November.....								.92	2.42	4.40	
December.....								3.18	6.84	5.06	
TOTALS									36.26	42.12	

Rainfall at Penttyrch (Tynant)

51.51.55 N 3.15.20

Glamorgan.

F. G. Evans

Diameter of Gauge, 5 in.Height above Ground, 1 ft. in.Above Mean Sea Level, 10.0 ft.

square - 5.

YEAR - -						1866	1867	1868	1869	MEANS.
January - -						* 6.29	6.86	6.61	6.86	
February - -						5.71	5.82	2.96	5.95	
March - - -						3.18	4.21	4.12	2.03	
April - - -						2.16	5.26	2.80	2.30	
May - - - -						1.72	3.77	2.51	5.18	
June - - - -						4.47	1.12	.58	1.04	
July - - - -						3.31	4.34	.37	1.49	
August - - -						3.90	2.09	5.60	2.05	
September -						12.50	3.16	5.40	8.28	
October - - -						3.77	6.89	4.76	3.73	
November - -						5.14	2.49	3.55	5.97	
December - -						6.85	2.90	9.42	6.74	
TOTALS - -						59.00	48.91	48.68	51.62	

On lawn in front of a low house, fairly open space at intersection
of two valleys ^{450ft} N _S hill in NW, 450ft high -

Cardiff.

Glamorgan.

C R Vachell M.D.

8

40 64

+ Ground 10 ft 63

+ Sea Level 50 ft 63

Taff - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				3.43	2.40						
February - -				1.47	1.75						
March - - -				1.50	3.34						
April - - - -				1.61	1.38						
May - - - -				2.17	.88						
June - - - -				4.40	2.30						
July - - - -				.70	1.12						
August - - -				4.55	1.30						
September -				5.05	3.84						
October - -				6.13	2.85						
November -				3.69	3.67						
December -				2.09	2.50						
TOTALS -				36.79	27.33						

+ 1863 Including a fall of .400 which fell on
31st of Dec. and which under ordinary circumstances
would have been taken on Jan 1st

Rainfall at Cardiff (Town Hall)

51.28.50 N 3.10.35 W

Glamorgan.

T. Waring Esq C.E.

Basella

Diameter of Gauge, 5 in. Height above Ground, 1 ft. 0 in. Above Mean Sea Level, 20 ft.

Staff - 6.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -							5.04	5.12	5.69	5.29	
February - -							4.60	3.88	2.17	4.00	
March - - -							2.30	4.50	2.64	1.70	
April - - -							2.00	4.38	2.48	1.82	
May - - - -							.98	3.63	1.79	4.92	
June - - - -							3.71	.79	.47	.84	
July - - - -							3.43	2.97	3.38	.89	
August - - -							3.65	1.64	5.96	1.38	
September -							12.09	1.73	4.41	6.82	
October - -							3.09	4.70	4.36	3.16	
November -							3.34	1.99	1.47	3.68	
December -							5.19	1.69	7.95	5.55	
TOTALS -							49.42	37.02	39.77	40.85	

C C C C

Very open position

Rainfall at *Cardiff Spring Bank House*

60

Glamorgan.

Bowen

Gravelly

Diameter of Gauge, *10.5* in.

Height above Ground, *4* ft. *6* in.

Above Mean Sea Level, *50* ft.

Tap - 6.

YEAR - -							1866			1867	MEANS.
January - -							4.16			4.55	
February - -							5.14			4.13	
March - - -							1.39			1.10	
April - - -							2.27			1.35	
May - - - -							.85			4.61	
June - - - -							1.88			.71	
July - - - -							3.78			.90	
August - - -							3.03			2.06	
September -							11.09			5.86	
October - -							3.08			2.52	
November -							3.36			3.14	
December -							4.43			5.14	
TOTALS -							44.46			36.07	

Ground not influenced by trees or buildings

RAINFALL AT *Cardiff*

60

Infirmary

Glamorgan.

Dr Sheen

Rain { By.....
Gauge { Diameter.....in.

Height above Ground, *1* ft. *1* in.

Above Mean Sea Level, *4.1* ft.

Taff - 6.

YEAR.....	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January							<i>5.41</i>				
February							<i>5.29</i>				
March							<i>2.02</i>				
April							<i>1.44</i>				
May							<i>.27</i>				
June.....							<i>2.21</i>				
July							<i>2.89</i>				
August.....							<i>2.37</i>				
September ...							<i>11.19</i>				
October.....						<i>#</i>	<i>2.88</i>				
November.....						<i>4.06</i>	<i>3.28</i>				
December.....							<i>#</i>				
TOTALS											

C C

Infirmary & Town Hall gauges sheltered

Rainfall at Cardiff (Free Library)glanogaw.

Diameter of Gauge, in.

Height above Ground, ... ft. in.

Above Mean Sea Level, 20 ft.

Taff - 6.

YEAR - -							1866				MEANS.
January - -							4.89				
February - -							4.26				
March - - -							1.79				
April - - - -							1.76				
May - - - - -							.69				
June - - - - -							2.88				
July - - - - -							2.69				
August - - - -							3.29				
September - -							11.46				
October - - -							2.85				
November - - -							2.63				
December - - -							4.19				
TOTALS - - -							43.38				

broken
town

G. only 200 yds from Town Hall, but it is sheltered while
the Town Hall is quite open.

RAINFALL AT CardiffIredegarvilleStamorgan.Observer Wm AdamsRain { By L. S. S. S. S. S.Gauge { Diameter 5 in.Height above Ground, 1 ft. in.Above Mean Sea Level 42 ft.

Gaff - 6.

YEAR.....									1868	1869	MEANS.
January.....										4.89	
February										4.52	
March										1.45	
April.....									1.72	1.72	
May									1.95	4.77	
June.....									.32	.85	
July31	.73	
August.....									6.11	1.07	
September.....									4.21	6.09	
October.....									5.07	2.91	
November.....									1.65	3.41	
December.....									7.43	5.72	
TOTALS										38.13	

Gauge on small lawn on S side of house grass always kept short the lawn is bounded by three walls 7 feet high but the gauge is 15 feet distant from them. There are also some hedges a little distance away in the direction of the prevailing rain currents.

Trendyghen House
W. Morthy Idvil
E Watkin Seal

60
Glamorgan.

No Name + Ground 4 ft + Sea Level 500 ft
Taff - 6,

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					3.25	5.10	9.01				
February - -					1.00	4.78	7.40				
March - - -					1.00	0.00	3.80				
April - - -					.70	.50	3.00				
May - - - -					.10	4.70	1.20				
June - - - -					2.00	2.70	4.00				
July - - - -				.70	2.00	3.78	2.80				
August - - -				4.49	2.67	4.90	4.00				
September -				7.37	6.99	.27	12.20				
October - -				9.41	6.40	7.79	2.60				
November -				4.46	9.27	9.95	3.00				
December -				3.72	3.74	5.90	6.30				
TOTALS -					39.12	50.37	59.31				

✓ C C C C
 1864 No Month without a frost, on 26th of August there was Ice $\frac{1}{16}$ of an inch thick

Rainfall at

*Aberdare Glamorgan**Dare Villa**Glamorgan.**Evan Jones**basella*Diameter of Gauge, *5* in.Height above Ground, *1* ft. in.Above Mean Sea Level, *500* ft.*Gaff - 6.*

YEAR - -							1866	1867	1868	1869	MEANS.
January - -							<i>3.16</i>	<i>11.07</i>	<i>5.93</i>	<i>11.51</i>	
February - -							<i>8.81</i>	<i>5.68</i>	<i>4.14</i>	<i>9.09</i>	
March - - -							<i>3.92</i>	<i>6.57</i>	<i>7.01</i>	<i>2.56</i>	
April - - -							<i>2.79</i>	<i>6.56</i>	<i>6.72</i>	<i>2.66</i>	
May - - - -							<i>1.65</i>	<i>5.72</i>	<i>3.35</i>	<i>3.69</i>	
June - - - -							<i>3.99</i>	<i>.79</i>	<i>.04</i>	<i>1.49</i>	
July - - - -							<i>3.23</i>	<i>4.26</i>	<i>.26</i>	<i>1.64</i>	
August - - -							<i>4.98</i>	<i>1.98</i>	<i>7.60</i>	<i>1.47</i>	
September -							<i>14.70</i>	<i>4.39</i>	<i>2.76</i>	<i>9.45</i>	
October - -							<i>2.82</i>	<i>8.04</i>	<i>5.71</i>	<i>2.36</i>	
November -							<i>6.30</i>	<i>1.99</i>	<i>4.89</i>	<i>5.98</i>	
December -							<i>9.71</i>	<i>2.80</i>	<i>15.72</i>	<i>5.54</i>	
TOTALS -								<i>57.85</i>	<i>64.13</i>	<i>57.44</i>	

*C C C C**1866 commenced 17th January**1866 Jan estimated as 9.00 in from Mr. Merthyr Tydvil. Tot. (71.90)**D.S.S. 19.2.09*

Rainfall at Murphy's Sp. M. h.

V. J. Dyke

The Hollies

Gen Morgan.

Basilla

Diameter of Gauge, 6 in.

Height above Ground, ... 2 ft. in.

Above Mean Sea Level, ... 530 ft.

Taff - 6.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -							² 9.51	8.80	6.75	10.80	
February - -							7.01	3.59	4.36	8.95	
March - - -							3.80	6.03	4.47	2.89	
April - - -							2.85	4.63	3.92	1.96	
May - - - -							1.03	4.63	3.62	4.19	
June - - - -							4.34	1.10	.51	1.13	
July - - - -							2.64	5.17	.47	1.48	
August - - -							3.82	1.85	9.32	2.01	
September -							11.40	5.04	5.23	9.32	
October - -							3.00	7.81	3.64	4.27	
November -							2.78	.50	5.61	4.97	
December -							6.21	2.59	13.69	8.60	
TOTALS -							58.39	51.74	61.59	60.57	

C C C C

RAINFALL AT *Lisvane**Thos. G. South**W. Cardiff**Glamorgan.*Rain { By
Gauge { Diameter.....*5*.....in.Height above Ground, *2*.. ft. in.Above Mean Sea Level, *142*..... ft.*Rhymney - 7.*

YEAR					1864	1865	1866	1867	1868	1869	MEANS.
January					2.15	3.80 [#]	5.22	4.79	5.05	5.30	
February					1.84	3.10	4.44	4.42	2.04	4.75	
March					3.13	1.39	2.67	3.91	2.42	1.72	
April					1.35	1.23	1.96	4.47	2.43	1.63	
May					1.04	2.81	1.30	3.40	1.61	3.72	
June					2.29	3.33	2.71	.89	.30	.62	
July					1.48	4.84	3.25	3.26	.22	.64	
August					1.57	5.10	3.59	1.54	5.40	1.86	
September ...					4.01	.11	11.94	2.04	4.45	6.01	
October					2.84	9.13	3.64	4.15	3.59	3.70	
November ...					4.73	4.48	3.12	.99	1.99	3.09	
December					2.33	3.26	4.81	3.38	8.56	5.15	
TOTALS					28.76	42.58	48.65	37.24	38.06	38.19	

*c c c c**186445. Copied from P. T. issued in 1905 by Engineer*

RAINFALL AT

Stanstapton Carmarthenshire
W. Ainslie
 Lat: 51.46 N
 Long: 4.23 W

Rain { By
 Gauge {
 Diameter..... 5 in.

Height above Ground, ft. 5 in.

Above Mean Sea Level, 35 ft.

Long - 2.

YEAR.....							1866	1867	1868	1869	MEANS.
January							4.14	4.63	3.71	5.63	
February							3.53	2.51	2.11	4.01	
March							3.23	2.15	2.99	2.05	
April							1.50	3.22	1.59	2.34	
May98	2.92	1.71	3.12	
June.....							2.55	.50	.84	.97	
July							1.04	1.78	1.00	1.24	
August							3.31	2.56	4.28	1.29	
September ...							7.29	3.46	3.48	6.39	
October.....							2.17	7.50	5.41	3.30	
November.....							3.49	1.36	3.73	3.76	
December							4.13	3.19	7.86	4.75	
TOTALS							37.36	35.78	38.71	38.85	

C C C - C

Plas Curt Hyr.

Carmarthen.

3 miles S. of Carmarthen, close to River Towy

W. Edw. Gwyn.

3.6 69

4.6 63

80. 68
3003 = 65
150

4.5 in diam.
Casella B.A

+ Ground gin.

+ S.L. 200 ft?

Towy - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 3.53	7.77	7.68	6.76	6.17	10.10	
February - -					2.68	4.70	5.36	4.94	2.52	5.71	
March - - -					3.17	3.38	4.72	3.52	4.83	2.83	
April - - -					1.26	1.64	2.18	4.31	2.44	3.38	
May - - - -					1.93	5.81	1.28	5.25	3.79	3.91	
June - - - -					4.14	1.00	4.18	.84	1.09	.46	
July - - - -					2.70	3.24	.73	1.86	1.11	2.43	
August - - -					3.29	6.58	5.22	2.97	5.34	1.50	
September -					6.29	.63	9.19	4.15	4.39	8.47	
October - -					2.62	9.06	2.41	9.46	7.90	4.40	
November -					5.42	6.42	5.94	1.72	5.64	4.98	
December -					3.62	4.12	4.74	4.93	12.88	8.00	
TOTALS -					40.65	54.35	53.63	50.71	58.10	56.17	

✓ c c c c c c

136.6 Towy 1860-1869

Carmarthen

60

Ja. Rowlands

Casella 5 in

+ Ground 1 ft 3 in. + S.L. 70 ft.

Towg - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				⁴ 3.73							
February - -				2.06							
March - - -				1.15							
April - - -				3.35							
May - - - -				1.81							
June - - - -				4.12							
July - - - -				2.27							
August - - -				3.18							
September -				7.61							
October - -				2.72							
November -				4.94							
December -				3.63							
TOTALS -				40.57							

✓ 10

Barmarthen Gaol.

Geo Stephens

In the garden

6.48.5

8 in + ground 5 in 6.3

+ Sea Level 78 ft ⁷²

Towry - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				# 5.46	3.72	7.15	5.59	5.17	3.53	6.83	
February - -				1.46	1.96	4.62	4.76	3.12	2.16	4.72	
March - - -				2.36	3.14	2.79	4.82	3.37	3.05	2.88	
April - - -				1.29	1.12	1.53	1.85	4.48	1.89	3.03	
May - - -				1.99	1.82	5.70	1.28	3.90	2.22	3.99	
June - - -				5.72	3.79	1.29	4.35	.66	.80	.94	
July - - -				.80	2.09	3.11	.95	2.31	1.10	2.00	
August - - -				6.28	3.18	6.66	6.00	2.50	2.08	1.91	
September -				4.88	6.94	.50	7.92	3.40	4.07	7.80	
October - -				7.51	2.57	7.38	2.31	7.03	5.19	3.52	
November -				5.27	4.89	6.11	4.36	1.52	3.40	4.28	
December -				2.58	3.67	3.47	4.05	4.58	10.60	6.96	
TOTALS -				45.60	38.89	50.47	48.24	42.04	40.09	48.86	

1863 August 6.th 1.14

1864 31 August = 1.13

1868 G is placed towards the S on the edge and level of the castle wall

RAINFALL AT *Harborth**Iegfynydd Carmarthen*Observer... *Howard Spear Morgan*

Rain { By.....

Gauge { Diameter..... *5*.....in.Height above Ground, *1*.....ft.....in.Above Mean Sea Level *158*.....ft.*Lowy - 2.*

YEAR.....										<i>1869</i>	MEANS.
January.....										<i>7.98</i>	
February										<i>6.25</i>	
March										<i>2.58</i>	
April.....										<i>2.69</i>	
May										<i>3.61</i>	
June.....										<i>1.36</i>	
July										<i>1.80</i>	
August.....										<i>1.64</i>	
September.....										<i>8.30</i>	
October										<i>4.39</i>	
November.....										<i>4.11</i>	
December										<i>6.13</i>	
TOTALS										<i>50.84</i>	

1869 Another very dry summer & great scarcity of water in many districts, the fall of rain during the month of Sept. was unusually large, a fall of snow early in the month of Dec. a circumstance not common in this district,

Rhydwen Slan dipilis
Carmarthenshire

Howard Spear Morgan

5 in 68

1 ft 6 3/4 8 5

Diem 9 1/2 in + ground 1 ft 2 in
Lowy - 2.

+ Sea Level 150 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.71	2.97	4.33	6.43	5.00	4.71	7.38	6.53	4.94		
February - -	2.00	5.16	1.92	1.77	2.28	3.52	4.11	5.44	2.90		
March - - -	3.18	2.70	5.86	2.42	2.80	3.29	4.93	4.30	4.19		
April - - -	2.10	3.9	4.23	1.42	1.24	1.60	1.63	5.64	2.32		
May - - - -	3.47	1.04	3.52	2.12	1.28	4.32	1.11	2.85	2.08		
June - - - -	7.34	5.54	4.05	4.19	2.52	1.10	2.83	.45	.73		
July - - - -	2.29	7.08	4.99	.61	2.54	3.89	.51	2.18	1.58		
August - - -	8.91	5.41	4.09	6.17	1.94	5.57	4.41	1.94	4.93		
September -	3.10	5.06	3.81	5.92	5.62	.47	7.86	3.71	4.37		
October - -	5.53	4.21	7.08	7.79	3.85	5.84	2.33	7.72	6.91		
November -	3.82	9.96	3.47	6.35	6.23	5.86	4.67	1.51	5.87		
December -	7.07	4.67	5.71	3.94	3.68	3.08	4.23	3.79	11.28	*	
TOTALS -	55.52	54.19	53.06	49.13	38.98	43.33	46.00	46.06	52.10		

1863 The amount of rain that fell at the commencement of the year was rather below the average, July which is generally a wet month was here a very dry one, it was followed however by almost incessant rain, the succeeding three months & rendered Harvest operations most difficult & the consequences have been very disastrous, The past year has also been remarkable for its mildness.

1868 A greater scarcity of water than has been known for years

RAINFALL AT Llandilo

Casuarina

Isliaris Park

Observer.....

Rain { By.....
Gauge { Diameter.....in.

Height above Ground,.....ft.....in.

Above Mean Sea Level.....ft.

Yong - 2.

YEAR.....								1867	1868	1869	MEANS.
January.....									4.09		
February									4.32		
March									6.95		
April.....									2.01		
May									4.35		
June.....									.76		
July									1.14		
August.....									5.53		
September.....									2.10		
October									4.74		
November.....								^A 1.24	6.57		
December.....								4.15	(1200)		
TOTALS									(54.56)	54.68	

v. irregular 9.2.15 etc.

Taken weekly but no account sent except the total

Rainfall at *Llanelly**Carmarthen.**Edw^d Bagot.**3 ft 6.9*Diameter of Gauge, *5* in.Height above Ground, *7* ft. in.Above Mean Sea Level, *20.2* ft.*Loughor - 3. Casella*

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						5.42	4.60	5.24	3.15	5.60	
February - -						5.51	3.69	2.76	1.72	5.53	
March - - -					<i>7-31</i> 1.78	5.40	4.05	4.11	3.29	2.28	
April - - -					1.28	2.71	1.74	3.51	1.86	2.11	
May - - - -					1.61	3.66	.93	3.13	1.90	3.93	
June - - - -					2.58	1.91	2.61	.76	.43	.91	
July - - - -					1.33	2.43	2.81	2.63	1.69	1.38	
August - - -					2.27	6.96	3.97	2.03	4.44	1.88	
September -					6.27	.39	9.96	3.71	2.80	6.75	
October - -					3.10	5.77	2.20	6.15	4.12	3.82	
November -					4.11	7.36	3.06	.68	3.38	3.52	
December -					3.21	4.28	3.57	3.77	6.99	4.57	
TOTALS -						51.80	43.19	38.48	35.77	42.28	

✓ C C C C C C

*As the rain has been unusually wet, I have not
 been able to get the high level of the
 water.*

RAINFALL AT Llanelly

D Morley Llewellyn West End Terrace Carmarthen
Lat 51° 41' N Lon 4° 10' W

Rain { By
Gauge { Diameter.....5.....in. Height above Ground, ft. 10. in. Above Mean Sea Level, 29 ft.

Longbar - 3.

YEAR								1867	1868	1869	MEANS.
January								# 5.56	4.21	7.17	
February								3.15	2.03	5.18	
March								4.63	3.28	2.39	
April								4.17	2.58	2.48	
May								3.29	2.39	4.06	
June87	.59	.64	
July								2.86	1.75	1.26	
August								2.61	5.06	2.09	
September ...								4.04	3.35	7.04	
October								6.67	5.06	4.18	
November ...								1.87	4.07	4.24	
December								3.91	7.76	4.65	
TOTALS								43.63	42.13	45.38	

1868 Dec. has been unusually wet gloomy & foggy
mild without any frost, the days being extremely
dark

RAINFALL AT *Pembrey*

60

Burry Pot

Carmarthen

D M Llewellyn

51.40.55 N 4.14.40 W

Rain { By
Gauge { Diameter.....*5*.....in.

Height above Ground, ft. *11*..... in.

Above Mean Sea Level,*7*..... ft.

Loughor - 3.

YEAR	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January						<i># 4.75</i>					
February						<i>3.29</i>					
March						<i>3.86</i>					
April						<i>1.66</i>					
May						<i>2.99</i>					
June						<i>2.78</i>					
July						<i>1.70</i>					
August						<i>4.21</i>					
September ...						<i>8.28</i>					
October						<i>2.56</i>					
November ...						<i>3.55</i>					
December						<i>4.30</i>					
TOTALS						<i>41.93</i>					

C

60

bK

Rainfall at Kilgeran Llechryd Castle Malgwyn
Gardigan Pembrokeshire
~~D. Evans~~ Mr. W. Hutchison

Diameter of Gauge, 5. in.

Height above Ground, ft. 2... in.

Above Mean Sea Level, ft. 65

Leaf - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						#132 4.99	8.15	5.40	4.22	7.78	
February - -						2.64	3.86	3.42	2.54	5.84	
March - - -						2.48	5.22	3.05	3.86	1.33	
April - - -						.83	1.39	4.73	2.09	2.72	
May - - - -						5.31	.80	4.18	1.82	3.68	
June - - - -						1.36	3.21	.48	.96	.42	
July - - - -						2.40	.82	3.25	1.81	.88	
August - - -						5.28	4.35	2.39	3.50	.97	
September -						.00	6.31	2.84	3.01	7.44	
October - -						5.47	2.33	6.78	3.47	3.50	
November -						7.58	4.11	.80	1.04	4.06	
December -						4.62	3.51	3.32	14.89	5.49	
TOTALS -						42.96	44.06	40.64	43.21	44.11	

C C C C C

Wrongly entered the returns were only sent in by
 the Rev. D. Evans of Kilgeran.

RAINFALL AT Solva.....

Pembroke.

Observer E. Robinson Esq......

Rain { By.....

Gauge { Diameter.....5.....in.

Height above Ground,.....ft.....in.

Above Mean Sea Level 200[?]ft.W. Coast - 3.

YEAR.....			1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....			3.04	4.94	4.13	3.58	3.83	5.08	2.63	5.35	
February86	1.25	1.39	2.62	3.09	2.50	1.41	2.96	
March			3.90	1.79	1.98	2.30	3.77	3.73	2.03	2.38	
April.....			2.98	1.06	.86	1.88	1.41	2.73	1.62	1.82	
May			2.44	1.60	1.23	3.87	.71	2.77	1.41	4.79	
June.....			1.66	3.15	1.95	1.38	2.53	.37	.90	.34	
July			3.13	.52	1.39	1.62	.84	1.81	.77	.93	
August.....			1.41	5.26	1.23	4.39	2.49	2.43	2.77	1.44	
September.....			4.09	4.56	2.75	.28	5.67	2.15	4.20	6.03	
October.....			4.19	5.27	2.92	5.37	1.89	6.20	2.64	3.06	
November.....			2.91	4.78	3.45	3.93	3.15	1.30	3.62	3.55	
December.....			3.31	2.28	2.73	1.98	2.93	3.22	6.47	3.83	
TOTALS			33.9	236.46	26.01	33.20	32.31	34.29	30.47	36.48	

G in centre of a small garden sheltered from SW by the house, and from NE by rising ground, a high garden wall on the NW side, and comparatively open to the SE.

RAINFALL AT Cadby Island

60

LH

Pembroke.

Wm Fletcher

Rain { By Gasella

Gauge { Diameter 5 in.

Height above Ground, 1 ft. in.

Above Mean Sea Level, 173 ft.

Cleddau - 14 -

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						4.64	4.69				
February						3.99	3.76				
March						2.78	3.66				
April						1.20	1.69				
May						4.01	.82				
June66	2.53				
July						2.71	1.35				
August						4.14	4.30				
September26	7.00				
October						5.77	1.65				
November ...						3.96	3.51				
December						2.24	4.35				
TOTALS						37.16	39.31				

Rain - in open space in garden 34 gal
from house 8 gal from fence

RAINFALL AT TenbyPembrokeshireObserver Frederic W. Wyster M.D.Rain { By N. & B.Gauge { Diameter 8 in.Height above Ground, 5 ft. in.Above Mean Sea Level 40 ft.Cheddar - 4.

YEAR.....										1869	MEANS.
January.....										2.99	
February										3.64	
March										1.91	
April										1.33	
May										3.50	
June26	
July54	
August93	
September.....										3.98	
October										2.65	
November.....										3.24	
December										3.20	
TOTALS										28.17	

Gauge in a bad position in an old bastion of the Wall.

Pembroke Dock

60

Pembroke.

E Chevallier

4 4665-67, 68
q. in centre of garden 3 ft from anything its own height

8 in

+ ground 0 feet + Sea Level 30 feet

claddan - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		3.35	3.69	5.23	5.60	4.54	5.44	5.55	5.14		
February - -		5.45	1.51	1.18	2.12	4.74	3.83	3.01	1.88		
March - - -		2.00	4.60	2.30	3.31	2.68	4.24	3.55	3.20		
April - - -		.70	3.27	1.44	1.02	1.93	2.02	3.67	1.52		
May - - - -		1.06	3.15	2.03	1.36	3.84	1.55	3.47	3.15		
June - - - -		3.10	3.37	3.57	2.95	1.01	1.93	.68	1.39		
July - - - -		6.01	4.46	.71	1.54	3.04	1.55	3.04	1.06		
August - - -		4.16	5.00	6.56	1.50	5.31	2.45	1.43	3.95		
September #	2.25	3.78	3.14	3.83	4.40	.31	7.92	4.31	4.19		
October - -	4.63	3.81	6.35	7.09	3.50	6.50	2.45	6.15	6.35		
November -	3.64	7.49	3.55	5.27	4.21	5.40	4.06	1.73	3.89		
December -	5.63	3.86	4.24	3.16	5.40	3.34	5.09	2.59	9.76		
TOTALS -		44.77	46.33	42.37	36.91	42.64	42.53	39.18	45.48		

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

RAINFALL AT

Milford Haven

60

Henry Edwards

(Charles S⁶)

Pembroke.

Rain { By
Gauge { Diameter.....*0*.....in.

3 68

Height above Ground, *1* ft. in.

Above Mean Sea Level, *130* ft.

Cladding - H.

YEAR								1867	1868	1869	MEANS.
January								6 38	451		
February								295	204		
March								366	294		
April								489	194		
May								341	196		
June								51	175		
July								283	118		
August								244	393		
September ...								308	413		
October								613	454		
November ...								162	397		
December								314	875		
TOTALS								4104	4164		

C C

RAINFALL AT *Flaxford west Co. Wick**Pembroke.*Observer... *E. P. Phillips*.....

Rain { By.....

Gauge { Diameter..... *5*.....in.Height above Ground,.....*1*.....ft.....in.Above Mean Sea Level.....*8.5*.....ft.*Cheddar - 44*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....							<i>7.90</i>	<i>7.11</i>	<i>5.72</i>		
February							<i>5.41</i>	<i>5.97</i>	<i>2.22</i>		
March							<i>5.39</i>	<i>5.68</i>	<i>3.03</i>		
April.....							<i>2.21</i>	<i>7.78</i>	<i>2.02</i>		
May							<i>1.36</i>	<i>4.14</i>	<i>2.35</i>		
June.....							<i>3.97</i>	<i>.71</i>	<i>1.16</i>		
July							<i>1.56</i>	<i>3.01</i>	<i>1.09</i>		
August.....							<i>5.00</i>	<i>3.45</i>	<i>3.48</i>		
September.....							<i>9.57</i>	<i>3.54</i>	<i>4.04</i>		
October.....							<i>2.74</i>	<i>8.54</i>	<i>5.50</i>		
November.....							<i>5.24</i>	<i>2.21</i>	<i>4.74</i>		
December							<i>4.68</i>	<i>3.73</i>	<i>10.48</i>		
TOTALS							<i>54.97</i>	<i>55.87</i>	<i>45.83</i>		

C C C

RAINFALL AT *Harford west High Street**Pembroke.*Observer... *E. P. Phillips*

Rain { By.....

Gauge { Diameter..... *5*in.Height above Ground, *1*ft.....in.Above Mean Sea Level, *94*ft.*Station - 4.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	8.27	3.05	3.64	5.72	5.12	4.50	7.90	7.11	7.99	9.05	6235
February.....	3.06	5.27	1.32	1.26	1.88	4.37	5.41	5.97	2.90	6.11	3755
March.....	4.77	2.55	5.37	2.72	2.15	3.14	5.39	5.68	4.01	3.14	3892
April.....	1.71	1.12	3.43	1.49	1.15	2.28	2.21	7.78	2.57	2.99	2667
May.....	3.32	.95	2.82	2.09	1.40	5.75	1.36	4.14	2.79	5.65	3027
June.....	6.70	3.41	3.35	4.40	2.71	1.33	3.97	.71	1.45	.58	2861
July.....	2.36	8.13	2.00	.61	2.90	3.80	1.56	3.01	1.37	2.38	2812
August.....	8.76	5.86	1.40	6.05	2.05	5.15	5.00	3.45	4.50	2.20	4442
September.....	3.21	5.05	2.65	5.39	5.53	.43	9.57	3.54	4.83	8.52	4866
October.....	5.30	2.41	5.77	6.33	3.40	7.91	2.74	8.54	6.73	3.73	5286
November.....	3.03	9.32	2.66	5.73	5.65	7.64	5.24	2.21	5.57	4.40	5745
December.....	6.50	4.68	3.89	3.34	6.12	4.47	4.68	3.73	11.36	5.94	5271
TOTALS.....	56.99	51.80	38.30?	45.13	40.06	50.77	54.97	55.87	56.01	54.69	56459
		<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>	5503		<i>C</i>	<i>C</i>	

For 1866 see next sheet

Rainfall at Lacys Lane, Lancashire
 2 m S of Frongoch - in a narrow deep valley

Wm Ball

500 . 67 68

Diameter of Gauge, .5 in.

Height above Ground, 3 ft, 6 in.

Above Mean Sea Level, 375 ft.

Yearly No. - 2.

YEAR - -						1866	1867	1868	1869	MEANS.
January - -						11.06	6.95	7.34	5.91	
February - -						5.33	3.95	4.00	6.62	
March - - -						5.10	1.45	4.96	2.37	
April - - -						1.40	7.62	4.42	4.00	
May - - -						1.32	2.35	1.82	3.28	
June - - -						5.93	1.53	.71	1.12	
July - - -						2.12	6.13	1.91	1.80	
August - - -						6.35	2.97	4.23	3.74	
September -						7.92	5.23	2.07	9.43	
October - -						.85	8.63	6.12	3.50	
November -						6.66	1.93	3.26	5.50	
December -						6.19	6.72	10.76	(5.90) taken	
TOTALS -						60.23	55.46	51.60	(52.27)	

C C C C

Frongoch

Lisbarn Mining Comp

Cardigan.

N Thomas

12 m. E.S.E. of Aberystwith

W. Bell 67

4 in + ground 4 ft.

+ Sea level 855 ft.

Ystwyth - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - - #	2.06	2.83	4.78	4.80	4.82	4.58	10.75	7.78	1.72	3.91	4.803
February - -	2.67	4.81	.97	2.23	.75	4.13	5.22	4.50	3.63	6.86	3.577
March - - -	5.20	3.66	4.80	2.45	2.67	2.59	5.21	1.73	3.63	1.61	3.355
April - - -	4.31	1.19	4.76	3.10	3.14	1.34	.98	8.03	3.33	2.61	3.279
May - - -	4.31	2.07	4.10	2.03	2.58	3.68	2.09	2.23	1.73	3.47	2.829
June - - -	6.80	3.66	4.82	4.14	2.84	1.75	8.94	1.49	.73	1.07	3.624
July - - -	2.12	4.89	5.45	1.38	2.43	3.82	3.03	6.10	.82	2.54	3.258
August - -	6.10	4.55	4.31	4.91	3.85	5.56	5.73	3.15	2.97	4.07	4.520
September -	3.68	6.83	3.71	7.14	4.46	1.42	8.13	6.03	2.09	12.96	5.645
October - -	5.03	4.98	6.81	7.21	3.31	5.97	3.25	7.83	7.13	3.31	5.483
November -	2.88	4.78	1.94	7.50	4.50	4.14	5.08	3.74	3.18	3.17	4.091
December -	4.81	3.06	7.23	3.62	1.85	4.76	6.33	4.00	7.69	(5.00) 2.00	4.835
TOTALS -	49.97	47.31	53.68	50.51	37.20	43.74	64.74	56.61	38.65	(50.58)	49.299

In centre of garden, taken monthly

Rainfall at *Aberystwith**Brown Castle*Lat $52^{\circ} 25' N$

Cardigan.

*Theodore Paul.*Long $4^{\circ} 5' W$ Diameter of Gauge, 5 in.Height above Ground, 1 ft. in.Above Mean Sea Level, 42 ft.*Yearly - 2.*

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -		2.36	6.12	6.14	5.57	5.45	
February - -		3.37	3.97	2.23	2.95	4.25	
March - - -		2.29	2.85	1.92	4.29	1.93	
April - - -	<i>#</i> 2.28	1.24	.62	4.92	2.84	3.32	
May - - - -	1.79	4.37	1.85	2.04	1.56	2.64	
June - - - -	3.43	1.91	4.50	1.41	.52	.91	
July - - - -	2.00	2.60	1.92	4.12	2.47	1.16	
August - - -	2.69	4.76	4.37	2.53	3.33	3.47	
September -	4.69	.55	9.83	3.08	2.26	7.56	
October - - -	2.77	4.56	2.77	7.55	4.71	4.06	
November -	3.19	4.77	4.85	1.60	2.77	5.30	
December -	2.50	2.03	3.99	5.17	9.13	3.01	
TOTALS -		34.81	47.64	42.71	42.40	43.06	

✓ C C C C C C C

*Brown Castle 5 miles East of Aberystwith on the Turnpike
Road from Aberystwith Pontyrrch & Hlangwyl*

Goginan Mines
 7 1/2 m E of Aberystwith
 Henry Thomas Esq.

Cardigan

+ Ground 4 ft

+ Sea Level 290 ft.

Y strength - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.45	4.50	5.10	3.00	3.61	5.19	5.28	4.97	4.75	
February - -		2.45	.50	2.12	1.30	4.06	3.71	2.28	2.88	4.60	
March - - -		3.33	2.80	1.60	1.20	3.45	3.18	1.68	3.52	2.05	
April - - - -		.95	3.20	2.12	2.06	1.38	.60	4.25	2.66	3.32	
May - - - - -		2.50	4.25	3.00	3.48	4.10	1.68	2.54	1.72	2.79	
June - - - - -		3.38	4.36	4.25	5.13	2.00	4.92	1.31	.53	1.09	
July - - - - -		5.93	5.25	1.25	2.60	3.49	2.33	4.26	2.55	1.29	
August - - -		5.56	3.56	5.50	3.21	4.77	5.00	2.57	3.23	4.50	
September -		5.50	5.30	9.10	5.80	.80	9.53	3.55	2.16	8.16	
October - - -		4.00	5.25	5.90	2.55	6.60	2.81	7.16	4.82	4.37	
November - -		6.20	2.35	6.30	4.28	4.28	5.17	1.40	2.92	6.06	
December - -		4.10	5.18	2.61	2.75	1.84	4.00	5.30	8.42	4.11	
TOTALS -	(45.4)	45.35	46.50	48.85	37.36	40.38	48.12	41.58	40.38	47.09	(44.10)

C C C C C C C C C C

Cardigan

60

Geo. B. Osborne

+ Ground 6 ft.

+ S.I. abt 18 ft.

Teifi - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					5.56					#	
February - -					1.20						
March - - -					2.57						
April - - -					.94						
May - - - -					1.61						
June - - - -					2.03						
July - - - -					1.65						
August - - -					2.07						
September -					3.34						
October - -					4.05						
November -					5.02						
December -					1.64						
TOTALS -					31.68						

✓

Lampeter

Cardigan.

Rev^d Prof: J Mathews

420 638

8 in + Ground 5 feet + Sea Level 425 feet
 Teifi - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.60	1.77	4.90	5.27	3.59	4.57	7.76	5.68	6.36	7.23	5.373 +
February - -	2.00	4.90	1.97	1.67	1.49	3.52	5.57	2.79	3.17	4.77	3.185
March - - -	5.30	2.77	3.84	2.60	2.08	2.40	5.30	2.89	4.22	2.47	3.387
April - - -	2.50	.58	3.86	2.16	1.18	.26	1.35	4.67	2.70	2.10	2.136 -
May - - - -	2.70	1.36	3.04	2.30	2.17	5.44	.83	2.74	2.08	3.90	2.656
June - - - -	7.50	3.02	3.91	3.85	2.92	1.42	4.09	.75	.38	.55	2.839
July - - - -	4.00	4.68	3.21	5.05	1.13	3.20	1.59	5.14	5.14	.97	3.411
August - - -	8.60	3.53	2.71	.70	.81	6.32	3.97	1.36	.83	2.23	3.106
September -	3.40	6.00	3.31	6.94	6.48	.31	10.54	3.16	3.86	8.21	5.221
October - -	4.60	3.20	5.98	7.02	3.71	5.27	2.33	8.11	4.40	3.91	4.853
November -	3.30	6.62	2.30	5.36	4.33	6.08	4.03	.95	4.13	4.44	4.154
December -	4.80	5.55	4.19	2.46	2.69	3.60	3.50	4.39	10.99	6.45	4.862
TOTALS -	55.30	43.98	43.22	45.38	32.58	42.39	50.86	42.63	48.26	47.23	45.183

+ c c c c c c c c c c
 1864 Far below the average (10 years) 41.56

RAINFALL AT CrickhowillGlanusk ParkDublinSir J R Bailey (Mr Ireland's gardener)Rain { By
Gauge { Diameter.....8.....in.9. in flower garden, much shelteredHeight above Ground, ..0.. ft. 0.. in.Above Mean Sea Level, 300 ft.Week - 7.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						* 4.48	8.41	8.22	6.00	11.08	
February						3.89	7.15	3.22	2.01	5.98	
March						1.97	4.10	5.45	5.15	1.67	
April61	2.00	3.19	3.59	1.65	
May						3.93	1.87	5.89	2.33	4.44	
June						1.08	3.61	1.32	.44	1.01	
July						1.77	1.15	3.19	.89	.33	
August						3.55	3.14	1.03	5.01	.92	
September85	10.40	2.13	6.20	7.58	
October						6.70	2.50	4.97	2.55	3.04	
November ...						5.92	3.00	.51	2.22	2.47	
December						5.00	3.75	2.35	10.98	8.53	
TOTALS						39.75	51.08	41.47	47.37	48.70	

C C C C C

Buckland Gardens Brecknock
Crickhowel

Mrs. G. Holford's

Hy. Garrett

+ Ground 2 ft.

19.6 63

unk-7.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		² 40	1.70	3.66	5.11	3.27					
February - -		1.34	.85	2.18	3.17	4.82					
March - - -		3.62	3.66	.63	6.64	2.19					
April - - -		2.73	2.73	.07	.74	2.49					
May - - - -		3.84	3.57	.06	.84	3.01					
June - - - -		1.55	2.86	1.76	.72						
July - - - -		2.19	2.25	2.78	.30						
August - - -		2.85	2.67	4.12	2.99						
September -		1.49	3.49	6.11	6.68						
October - -		3.64	3.89	6.57	3.91						
November -		2.25	1.23	2.51	4.11						
December -		3.46	2.39	.67	2.82						
TOTALS -		29.36	31.29	31.12	38.03						

30.36 C C C C

RAINFALL AT *Brecon* *South Wales*

60

J. Keith

Rain { By
Gauge { Diameter.....*5*.....in.

Height above Ground, *2*... ft. in.

Above Mean Sea Level, *455*.. ft.

437 68

usk-7.

YEAR.....							1866	1867	1868	1869	MEANS.
January								<i>7.10</i>	<i>7.18</i>	<i>8.96</i>	
February								<i>3.37</i>	<i>2.38</i>	<i>8.15</i>	
March								<i>5.64</i>	<i>4.06</i>	<i>1.73</i>	
April								<i>4.92</i>	<i>3.64</i>	<i>1.82</i>	
May								<i>4.41</i>	<i>2.60</i>	<i>4.27</i>	
June								<i>.63</i>	<i>.28</i>	<i>1.28</i>	
July								<i>3.09</i>	<i>.48</i>	<i>.55</i>	
August								<i>2.91</i>	<i>3.96</i>	<i>1.13</i>	
September ...							<i>8.06</i>	<i>2.52</i>	<i>3.65</i>	<i>7.48</i>	
October							<i>1.97</i>	<i>5.65</i>	<i>3.58</i>	<i>1.97</i>	
November							<i>3.45</i>	<i>.92</i>	<i>3.14</i>	<i>5.07</i>	
December							<i>3.98</i>	<i>1.60</i>	<i>13.94</i>	<i>8.26</i>	
TOTALS								<i>42.76</i>	<i>48.89</i>	<i>50.67</i>	

c c c c

RAINFALL AT *Treberfydd*

Breconshire

Robt. Raikes

Rain { By
Gauge {
Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

wye - 8.

YEAR	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January						<i>3.40</i>					
February						<i>2.32</i>					
March						<i>1.69</i>					
April						<i>.56</i>					
May						<i>1.20</i>					
June						<i>.60</i>					
July						<i>2.95</i>					
August						<i>4.85</i>					
September ...						<i>.00</i>					
October						<i>4.45</i>					
November ...						<i>7.72</i>					
December						<i>4.40</i>					
TOTALS.....						<i>34.14</i>					

C

Rainfall at Pen-y-maes, nr Hay, (Brecon.)

Capt. F.V. Brown. R.N.

317 47 6869

Diameter of Gauge,5..... in.

Height above Ground, ...1... ft. in.

Above Mean Sea Level, 400? ft.

Wye-8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.61	1.29	2.23	3.01	1.41	1.83	4.01	4.73	3.55	5.28	
February - -	1.34	2.66	1.15	.72	1.01	3.30	4.26	2.56	1.50	3.46	
March - - -	2.47	3.30	3.10	.79	1.60	1.40	3.81	4.23	2.44	1.67	
April - - -	1.69	.79	2.74	1.47	.95	.88	2.45	3.21	1.59	1.31	
May - - - -	2.51	1.05	3.23	1.05	1.57	3.89	4.58	4.14	2.12	5.30	
June - - - -	5.68	2.23	3.44	3.01	1.40	1.45		.66	39	.89	
July - - - -	1.93	5.57	2.10	.48	.67	2.09	1.53	3.21	1.19	.78	
August - - -	7.20	1.69	2.08	2.10	.59	4.00	3.29	1.53	5.43	.95	
September -		3.04	4.85	5.39	5.14	.00	6.38	1.93	3.99	6.47	
October - -	1.97	2.11	4.48	5.80	3.92	5.29	2.23	4.39	2.61	2.31	
November -	2.09	4.11	.75	2.04	2.82	4.46	1.75	.74	1.38	2.61	
December -	3.03	2.93	2.11	.89	2.20	2.40	2.36	1.35	7.18	4.44	
TOTALS -	34.52	30.77	32.26	26.75	23.28	30.99	36.65	32.68	33.37	35.47	31.674

1868 On open lawn

Rainfall at Painfall Prestige
Radnorshire

52-16-27

3-0-11-W

Capt. Hannam

4. in walled garden, 20ft from wall.

Diameter of Gauge, 5 in.Height above Ground, 1 ft. in.Above Mean Sea Level, 550 ft.

Wye-1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						2.94	4.74	4.66	3.42	3.82	
February - -						2.98	4.78	3.71	2.01	4.12	
March - - -						1.04	3.44	4.37	3.01	1.96	
April - - -						.69	1.48	3.83	1.84	1.47	
May - - - -						3.81	.49	3.24	2.12	5.55	
June - - - -						1.55	3.80	.74	.22	.80	
July - - - -						2.67	1.80	3.21	.79	.68	
August - - -						4.78	3.65	.71	5.83	1.04	
September -						.09	7.52	2.79	5.13	6.63	
October - -						5.30	2.28	3.75	2.75	1.87	
November -						4.31	2.07	.87	1.96	2.60	
December -						2.39	2.99	1.72	8.64	5.09	
TOTALS -						32.53	39.04	33.60	37.72	35.63	

C C C C C

RAINFALL AT

Phayader Rhyddog
Radnorshire

Observer

Rain

By

Gauge

Diameter.....in.

Height above Ground,...../....ft.....in.

Above Mean Sea Level.../0.0..ft.

type-1.

YEAR.....

1869

MEANS.

January.....

7.54

February.....

6.76

March

3.13

April.....

2-45

May

4.98

June

.76

July

1.08

August

2.29

September.....

8.22

October

4.05

November.....

6.68

December.....

7.20

TOTALS

55.14

Cafnfoes Rhayader

Radnor.

J Jones

5 + Ground 2 ft

+ Sea Level 880

Wye - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.58	1.47	5.98	5.41	2.70	6.00	7.42	4.96	5.55	5.56	5.063 +
February - -	2.24	5.50	1.14	3.20	3.32	2.50	6.03	3.53	3.10	5.49	3.605
March - - -	6.18	5.50	4.36	1.85	3.67	1.47	3.93	4.03	4.21	1.78	3.698
April - - -	2.22	1.14	3.26	2.24	1.50	1.00	1.33	5.93	2.79	2.77	2.418 -
May - - -	3.17	2.10	3.63	1.39	1.50	5.29	1.18	3.46	2.58	4.59	2.889
June - - -	9.47	2.72	3.95	3.97	2.38	1.40	3.87	.55	24	.70	2.925
July - - -	2.94	4.72	3.50	.72	1.20	4.00	2.41	4.53	1.19	.82	2.603
August - -	11.43	3.05	3.83	3.32	1.70	4.64	4.21	1.24	4.38	1.49	3.929
September -	2.37	3.06	4.26	7.02	6.10	.25	6.98	2.96	3.86	7.52	4.438
October - -	6.00	2.44	7.67	6.72	3.75	7.00	3.14	5.33	3.95	2.70	4.870
November -	3.92	5.43	2.37	4.00	6.90	4.84	4.86	1.49	2.91	5.17	4.189
December -	4.00	3.60	3.86	2.88	2.30	3.09	5.69	2.95	7.77	7.39	4.353
TOTALS -	59.52	40.73	47.81	42.72	37.02	41.48	51.05	40.96	42.53	45.98	44.980

days 22 1/2 21 1/2 29 1/2 C C C C C C C C

1858 = 35.11 1859 = 50.72

Evaporation 1862 1863

Jan 1.18

Feb 1.36

Mar 0.84 1.05

Apr 1.58

May 1.41 2.5

June 2.7

July 1.41

Aug 2.28

Sept* 1.54

Oct

Nov

Dec 0.3

* Saline full of Spores on 24th

Nat. Sta. No. 52-464606

NGR: SN (22) 967693

Alt 268m.

RAINFALL AT *Head of the River Clwydd*
J Jones *Dylife Mines* *Montgomery*

Rain { By
Gauge { Diameter.....in. Height above Ground, ... ft. .. in. Above Mean Sea Level, *1310* ft.

Survey - 1.

YEAR						1866	1867	1868	1869	MEANS.
January								12.00		
February							14.10	13.50		
March								7.00		
April								4.00		
May							23.60	1.90		
June								1.10		
July50		
August							22.50	5.00		
September ...								3.00		
October						<i>#</i>		9.50	<i>#</i> 6.90	
November ...						<i>24.90</i>	24.50	13.90	9.90	
December								12.10	9.70	
TOTALS.....							84.70	83.50		

C C C C

RAINFALL AT *Machynallth (Plas)*

Montgomery

Observer *Earl Vane (J. Johnston Gardener to)*

Rain { By *Lepps*

Gauge { Diameter *5* in.

Height above Ground, *1* ft. in.

Above Mean Sea Level *41* ft.

May - 1.

YEAR.....									1868	1869	MEANS.
January.....										<i>6.89</i>	
February										<i>8.06</i>	
March								<i>4</i>		<i>2.51</i>	
April								<i>3.22</i>		<i>6.21</i>	
May								<i>1.75</i>		<i>4.05</i>	
June								<i>.55</i>		<i>1.31</i>	
July								<i>2.29</i>		<i>2.48</i>	
August								<i>4.48</i>		<i>6.19</i>	
September.....								<i>2.99</i>		<i>11.53</i>	
October								<i>5.77</i>		<i>5.72</i>	
November.....								<i>3.66</i>		<i>9.76</i>	
December								<i>12.07</i>		<i>5.86</i>	
TOTALS										<i>70.57</i>	

In Kitchen garden taken at 9 AM

Machynlleth, Montgom:

surrounded by hills - on the banks of the Dovey -

10 m from sea, about 10 m S of Lader Idris, and 10 N. of Pumlumon.

Rev: J. Evans.

Gaugebrook 10 in
Dovey - 1.

4 ft + ground

4.0 ft + h.w

YEAR - -	1860	1861	1862							MEANS.
January - -			6.10							
February - -			1.02							
March - - -			4.40							
April - - -		#	6.81							
May - - -		{ 1.99	2.40							
June - - -		4.05	5.44							
July - - -		7.12	7.65							
August - - -		5.38	4.68							
September -		4.50	#							
October - -		2.69								
November -		0.98								
December -		3.80								
TOTALS -										

at Bethesda Nov^r 1861 = 11 inches

Removed to Llanllechid Oct 1862.

Weekly readings so monthly totals not quite exact

RAINFALL AT *S W of Llanidloes.*

ystad - olwyn - fawr
Baleman
Montgomery.

Rain { By
Gauge { Diameter.....in.

Height above Ground, *1* ft. *0* in.

Above Mean Sea Level, *95.0* ft.

Severn - 14.

YEAR							<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January							<i>4.60</i>				
February								<i>4.00</i>			
March								<i>5.20</i>			
April								<i>2.40</i>			
May							<i>4.10</i>	<i>2.30</i>			
June								<i>.40</i>			
July								<i>1.10</i>			
August							<i>1.00</i>	<i>4.40</i>			
September ...							<i>5.30</i>	<i>2.20</i>			
October							<i>5.30</i>	<i>6.00</i>	<i>3.50</i>		
November ...							<i>1.10</i>	<i>3.00</i>	<i>6.10</i>		
December							<i>3.50</i>	<i>42.60</i>	<i>8.00</i>		
TOTALS.....							<i>46.90</i>	<i>48.20</i>	<i>50.00</i>		

C C C C

** 1869 Owing to ...*

Rainfall at Broomcliff

w. Slaneiloes

+ Montgomery

Thos. J. Roberts

Basella

610 58

Diameter of Gauge, 7 in.Height above Ground, 3 ft. 10 in.Above Mean Sea Level, 750 ft.Severn - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						6.08	9.90	7.82	7.39	6.31	
February - -						3.83	7.36	5.47	3.02	6.95	
March - - -						1.92	4.12	4.90	5.36	1.98	
April - - -						.67	1.61	6.85	3.15	2.75	
May - - - -						5.08	2.26	3.26	2.29	3.08	
June - - - -						1.70	3.61	1.03	.39	.91	
July - - - -						3.35	1.62	4.41	1.11	1.83	
August - - -						5.30	4.00	1.83	3.62	1.88	
September -						.81	10.47	4.69	3.19	8.67	
October - -						6.04	1.89	5.61	6.05	2.86	
November -						5.47	5.26	1.85	2.65	6.29	
December -						3.08	5.97	4.39	10.58	8.34	
TOTALS -						43.33	58.07	52.11	48.80	51.85	

g. in a narrow dingle through which the Severn flows
 g. in flower garden on hollow stump clear of trees

RAINFALL AT *In the Valley of Carra Capel* 60
Railway Station *Montgomery.*
A Bound

Rain Gauge { By
Diameter.....in.

Above Mean Sea Level, 550 ft.

YEAR	1866	1867	1868	1869	MEANS.
January			8.50		
February			10.50		
March			9.00		
April		39.30	2.50		
May			1.10		
June60		
July70		
August		4.00	2.90		
September ...		8.00	2.80		
October		5.00	6.10	8.20	
November ...		12.50	3.00	3.20	5.50
December		6.50	10.30	7.30	
TOTALS		65.80	58.20		

C C C C

Henllys Manafon. (Montgomery)

Mary J. Williams

9.5 in diameter
Gasella B.A

+ Ground 1ft 3in. + S.L

Seven - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 1.66	5.30					
February - -					2.09	2.85					
March - - -					3.26	1.82					
April - - - -					1.65	.76					
May - - - - -					1.74	5.73					
June - - - - -					2.45	1.51					
July - - - - -					1.06	2.30					
August - - - -					1.82	6.18					
September - -					4.47	1.12					
October - - -					2.61	to 8 1/2 20 #					
November - -					3.41						
December - -					.62						
TOTALS -					26.84						

1864 the gauge is placed on a gradual rise from the river which flows at the bottom of the Valley of the Valley.

RAINFALL AT

On the hills at ~~Carr~~ Office

60

Garthbibio

Montgomery.

Elvest - Jaw

Rain { By J Jones
Gauge {

Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, 1100 ft.

Series - 5.

YEAR							1866	1867	1868	1869	MEANS.
January									7.00		
February								16.00	7.10		
March									9.30		
April							8.00		2.10		
May							3.20		2.70		
June							1.60		.70		
July							6.90		1.20		
August									5.10		
September ...									2.40		
October							#		7.80	4.40	
November ...							18.33	14.80	4.40	7.00	
December									12.40	3.40	
TOTALS.....								58.90	62.20		

C C C C

RAINFALL AT *In the Valley of Llanwddyn*

Powis Castle Arms Montgomery.

D Pugh

Rain } By
Gauge } Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, *720* ft.

Severn - 5.

YEAR							1866	1867	1868	1869	MEANS.
January									10.20		
February								32.30	4.90		
March									17.30		
April									4.90		
May								5.90	3.40		
June50		
July								5.50	1.10		
August									4.80		
September ...								7.50	3.40		
October								9.20	8.60	5.30	
November ...									4.20	6.60	
December								5.10	17.30	11.10	
TOTALS...								67.40	80.60		

C C C C

RAINFALL AT Hills at head of Kyrenwy ⁶
Montgomery

Rain { By J. Gittens
Gauge { Diameter.....in.

Height above Ground, ft. in. Above Mean Sea Level, 2000 ft.

Seven - 5.

YEAR						1866	1867	1868	1869	MEANS.
January								6.30		
February							23.90	11.30		
March								11.40		
April								4.90		
May							18.00	2.20		
June								1.00		
July							19.40	.70		
August								6.40		
September ...								3.20		
October						*		7.10	5.90	
November ...						24.80	20.40	11.00	8.00	
December								15.30	10.90	
TOTALS.....							81.70	80.80		

C C C C

RAINFALL AT *Bromington*

Bayly Denton

n. Whitechurch Sals

Flint.

Rain { By
Gauge { Diameter.....*9*.....in.

Height above Ground, *2¹* ft. in.

Above Mean Sea Level, ft.

Dec - 1.

YEAR.....						<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January						<i>1.81</i>					
February						<i>1.86</i>					
March						<i>1.17</i>					
April						<i>.89</i>					
May						<i>3.97</i>					
June.....						<i>1.50</i>					
July						<i>1.95</i>					
August						<i>5.65</i>					
September ...						<i>0.00</i>					
October.....						<i>4.59</i>					
November.....						<i>2.65</i>					
December						<i>6.61</i>					
TOTALS						<i>26.65</i>					

C

RAINFALL AT

60

By *Wm. A. Cooke* Flintshire

Flint.

Rain Gauge By *Wm. A. Cooke*
Diameter *5* in.

Height above Ground, *1* ft. *4* in.

Above Mean Sea Level, *480* ft.

Dec - 1.

YEAR.....							1866	1867	1868	1869	MEANS.
January								3.11	2.83	3.60	
February								1.75	2.03	2.85	
March								2.21	2.60	1.72	
April							<i>1.76</i>	3.17	1.74	1.75	
May							1.60	1.87	1.06	5.77	
June.....							4.20	1.07	.09	1.28	
July							2.95	5.16	.36	.45	
August							4.38	.72	3.44	2.22	
September ...							5.84	3.27	2.85	5.29	
October.....							1.77	4.71	3.12	4.20	
November.....							3.57	1.36	3.19	3.81	
December.....							2.06	3.33	7.65	3.10	
TOTALS								31.73	30.96	36.04	

In the most open part of Kitchen Garden which slopes gently to the SE at 30 ft. to SW of it is a six foot broad hedge with 2 small fruit trees in it. and at 45 ft. to the NW is a ten foot garden wall backed by a narrow plantation

RAINFALL at Northop (Soughton Hall)

County of Flint Observer Sir John Bankes

River Basin

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter											
Height											
Altitude											
Year	1861 1931	1862 1932	1863 1933	1864 1934	1865 1935	1866 1936	1867 1937	1868 1938	1869 1939	1870 1940	Means
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS					29.30	34.90	31.27	30.90	34.86	27.97	

21. 8. 1939. Annual totals received for years 1865-1870. WH.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series, No. of Map, Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

Howarden

60

Flint.

D Moffat

+ ground 0.0 + Sea Level 260 ft

See - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.45	.20	1.92	3.02	1.11	1.95	2.36	2.87	2.09	3.26	2.123
February - -	.50	1.81	.58	.46	1.35	1.75	2.88	1.36	2.05	2.75	1.549
March - - -	2.45	1.85	3.10	.50	3.32	1.54	1.80	2.29	2.32	2.04	2.121
April - - -	.90	1.26	2.28	.90	1.62	.73	.82	3.36	1.66	1.80	1.533 -
May - - - -	1.95	.42	4.39	.70	2.32	2.83	.98	1.83	1.78	5.56	2.276
June - - - -	4.16	3.08	2.31	1.78	1.65	1.22	2.85	.73	.15	.93	1.886
July - - - -	1.38	3.28	2.38	.89	.67	1.19	2.49	4.49	.43	.73	1.793
August - - -	4.95	1.31	3.22	2.17	1.32	4.37	3.63	1.11	2.80	1.31	2.619
September -	1.40	2.76	3.25	2.88	2.13	.11	5.53	1.34	2.20	5.15	2.675
October - -	2.00	1.59	3.00	4.97	2.69	3.07	1.43	3.99	2.22	3.16	2.812 +
November -	1.96	2.44	1.37	2.74	2.10	2.36	3.01	1.07	3.24	3.56	2.385
December -	3.70	1.82	2.57	2.05	1.39	.84	2.04	2.97	6.67	2.66	2.671
TOTALS -	27.80	21.82	30.37	23.06	21.67	21.96	29.82	27.41	27.61	32.91	26.443

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Kyd. Sta. No. 54 - 549002

NQR: 35 (33) 312658

alt 76 m

RAINFALL AT *Springfield, Mo.*

Hunt.

Wm. H. B. Cook

Rain { By
Gauge { Diameter..... *5*.....in.

Height above Ground, *1*..... ft. *6*..... in.

Above Mean Sea Level, *600*..... ft.

Dec - 1.

YEAR.....	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January	<i>4.00</i>	<i>.03</i>	<i>.55</i>	<i>5.05</i>							
February	<i>3.06</i>	<i>3.30</i>	<i>.48</i>	<i>.06</i>							
March	<i>3.04</i>	<i>3.81</i>	<i>1.79</i>	<i>.56</i>							
April	<i>1.70</i>	<i>1.11</i>	<i>5.08</i>	<i>1.40</i>							
May	<i>3.08</i>	<i>6.63</i>	<i>3.40</i>	<i>.68</i>							
June.....	<i>5.90</i>	<i>4.33</i>	<i>1.65</i>	<i>2.80</i>							
July	<i>1.39</i>	<i>1.63</i>	<i>4.00</i>	<i>2.50</i>							
August.....	<i>5.82</i>	<i>1.24</i>	<i>3.50</i>	<i>3.78</i>							
September ...	<i>2.88</i>	<i>2.46</i>	<i>2.70</i>	<i>5.54</i>							
October.....	<i>3.28</i>	<i>.60</i>	<i>3.60</i>	<i>6.54</i>							
November.....	<i>1.44</i>	<i>4.25</i>	<i>.69</i>	<i>3.25</i>							
December.....	<i>2.00</i>	<i>.92</i>	<i>3.71</i>	<i>.09</i>							
TOTALS	<i>37.59</i>	<i>30.31</i>	<i>31.15</i>	<i>32.25</i>							

C C C C

RAINFALL AT *Guysbury seat of P.D. Croke*

P.D. Croke Esq.

1 m & 1/2 N N W from Mold.

Flint.

Rain { By
Gauge { Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, *580* ft.

Dec - 1.

YEAR.....	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>					MEANS.
January										
February										
March										
April										
May										
June.....										
July										
August.....										
September ...										
October.....										
November.....										
December.....										
TOTALS	<i>38.49</i>	<i>30.04</i>	<i>33.04</i>	<i>33.69</i>						

sent by R. Bryan Croke

Maes y dre Holywell.

Flint.

James Williams

Gross lev 10 in + ground 6 ft

+ Sea Level 400

See - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	1.95	.41	1.86	3.38	.22	2.35	.39	2.30	1.69	2.85	1.740
February - -	.78	2.19	.31	.53	.25	.68	1.30	1.56	1.20	3.58	1.238
March - - -	2.86	2.26	1.02	1.09	2.35	1.36	.63	1.10	1.85	1.16	1.568
April - - -	1.19	1.25	1.99	1.39	1.58	.80	1.42	2.70	.54	1.53	1.439
May - - - -	1.83	.08	2.52	1.07	1.90	2.70	1.40	1.44	.67	4.88	1.849
June - - - -	4.79	1.36	1.42	2.11	2.03	1.11	3.48	.61	.04	1.03	1.798
July - - - -	1.77	2.20	3.04	1.70	1.01	2.13	2.34	4.24	.22	.42	1.907
August - - -	4.86	.92	2.52	3.67	1.67	3.16	3.54	1.08	1.18	1.78	2.438
September -	1.84	1.29	2.62	3.74	3.03	.23	5.55	1.74	2.03	4.47	2.654
October - -	2.90	.75	3.04	5.80	3.03	3.43	1.47	3.68	2.82	3.07	2.999
November -	1.28	2.67	1.17	3.01	2.40	2.16	3.41	1.54	2.17	3.31	2.312
December -	2.95	1.63	2.58	1.49	1.72	1.11	2.00	2.78	6.32	2.30	2.488
TOTALS -	29.00	17.01	24.09	28.98	21.19	21.22	26.93	24.77	20.73	30.38	24.430

C T must be same error

From the Chester Corran

1863 The average fall in this locality is about 25.50

25.50

Nga Sta. No. 54- 547429

NGR ST (33) 234644

alt 113m

RAINFALL AT *Bryanella Station**J. Edwards*Lat: *53° 15'*Long: *3° 18'**P. P. Penant*

Rain { By

Gauge { Diameter.....*5*.....in.Height above Ground, *1*..... ft. in.Above Mean Sea Level, *280*..... ft.*cl. d. 2.*

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i>2.51</i>	<i>2.86</i>	<i>2.18</i>	<i>2.29</i>	
February							<i>2.50</i>	<i>1.49</i>	<i>2.61</i>	<i>3.75</i>	
March							<i>1.15</i>	<i>1.56</i>	<i>2.77</i>	<i>2.11</i>	
April							<i>1.97</i>	<i>2.67</i>	<i>1.32</i>	<i>1.41</i>	
May							<i>1.20</i>	<i>1.86</i>	<i>.86</i>	<i>4.81</i>	
June.....							<i>3.80</i>	<i>.65</i>	<i>.00</i>	<i>1.16</i>	
July							<i>2.75</i>	<i>4.48</i>	<i>.25</i>	<i>.23</i>	
August							<i>3.08</i>	<i>1.17</i>	<i>2.11</i>	<i>1.74</i>	
September ...							<i>4.35</i>	<i>2.18</i>	<i>1.48</i>	<i>5.16</i>	
October.....							<i>1.26</i>	<i>4.43</i>	<i>3.30</i>	<i>3.56</i>	
November.....							<i>3.40</i>	<i>1.21</i>	<i>2.63</i>	<i>3.15</i>	
December.....							<i>1.95</i>	<i>4.08</i>	<i>7.22</i>	<i>2.66</i>	
TOTALS							<i>29.92</i>	<i>28.64</i>	<i>26.73</i>	<i>32.03</i>	

(C C C C)

*Large in center of a half-acre garden upwards of an
acre in extent, no trees within the garden*

Rhyll Gas Office
in Wales

Flint.

Edwin Evan

2 ft 3 in = 65
Glossley 14 in² + Ground 6 ft + 22.1.6
Cloud - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	1.17	.73	1.53	.39	1.43	1.00					
February - -	.33	1.65	.15	1.52	2.19	.73					
March - - -	1.63	1.28	2.86	.54	2.00	.57					
April - - - -	1.08	1.16	1.56	.55	1.16	.84					
May - - - - -	1.06	.35	3.45	.03	.99	2.63					
June - - - - -	2.67	1.79	1.28	2.12	.93	.93					
July - - - - -	1.18	2.31	1.31	1.32	.92	1.50					
August - - - -	3.38	1.17	1.82	1.56	.75	4.54					
September - -	1.13	2.03	1.25	.72	2.02	.19					
October - - -	1.92	.99	1.33	2.42	1.11	3.07					
November - -	1.15	2.15	1.22	1.74	2.30	2.16					
December - -	1.08	1.62	1.27	1.16	.77	.52					
TOTALS -	17.78	17.23	19.03	14.07	16.57	19.48					

1863 Dec. 3rd Violent storm of wind & hail, wind WNW commenced at 7.30 AM and continued till 20 minutes past midnight, Roof of water tank blown off. Lamp broken & much damage done.

RAINFALL AT

Rhyl

Gas Works

Flint.

Edward Evans

Rain Gauge { By *basella*
Diameter.....*5*.....in.

On a post, quite clear

Height above Ground, *4* ft. *2* in.Above Mean Sea Level, *45* ft.

clwyd - 2.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						<i># 2.40</i>	<i>2.54</i>	<i>1.55</i>			
February						<i>1.29</i>	<i>2.66</i>	<i>.76</i>			
March						<i>1.23</i>	<i>2.20</i>	<i>.97</i>			
April						<i>1.78</i>	<i>.77</i>	<i>1.94</i>			
May						<i>3.55</i>	<i>.80</i>	<i>1.67</i>			
June						<i>1.27</i>	<i>3.06</i>	<i>.42</i>			
July						<i>2.39</i>	<i>1.43</i>	<i>3.88</i>			
August						<i>5.53</i>	<i>3.66</i>	<i>1.11</i>			
September ...						<i>.15</i>	<i>3.03</i>	<i>1.51</i>			
October						<i>4.33</i>	<i>1.70</i>	<i>3.59</i>			
November ...						<i>2.16</i>	<i>2.78</i>	<i>1.33</i>			
December						<i>.52</i>	<i>1.87</i>	<i>3.88</i>	<i>#</i>		
TOTALS					<i>1893</i>	<i>26.66</i>	<i>26.50</i>	<i>22.61</i>			

from a note at back of ship

RAINFALL AT *Brynkinnell Denbigh**Chirk**Denbigh.**Henry Hall*Rain { By
Gauge { Diameter.....*8*.....in.Height above Ground, ft. *9*..... in.

Above Mean Sea Level, ft.

See - 1.

YEAR	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January						<i>2.74</i>	<i>5.11</i>	<i>4.63</i>		<i>4.50</i>	
February						<i>2.97</i>	<i>4.22</i>	<i>2.07</i>		<i>2.69</i>	
March						<i>1.84</i>	<i>2.62</i>	<i>1.93</i>		<i>1.76</i>	
April						<i>1.22</i>	<i>1.37</i>	<i>3.32</i>		<i>1.90</i>	
May						<i>6.04</i>	<i>1.17</i>	<i>2.89</i>		<i>2.47</i>	
June						<i>2.31</i>	<i>4.59</i>	<i>.70</i>		<i>.38</i>	
July						<i>1.78</i>	<i>2.02</i>	<i>2.45</i>		<i>1.05</i>	
August						<i>6.88</i>	<i>3.01</i>	<i>.81</i>		<i>.47</i>	
September ...						<i>.00</i>	<i>6.50</i>	<i>2.33</i>		<i>4.80</i>	
October						<i>4.59</i>	<i>1.07</i>	<i>4.54</i>		<i>2.55</i>	
November ...						<i>4.34</i>	<i>2.50</i>	<i>.84</i>		<i>2.61</i>	
December						<i>1.89</i>	<i>2.16</i>	<i>2.20</i>		<i>6.35</i>	
TOTALS						<i>36.60</i>	<i>36.34</i>	<i>28.71</i>		<i>31.53</i>	

C C C C

RAINFALL AT Wynstary

(Wynstary)

Denbigh.

Observer per J. G. Tipping

Rain { By

Gauge { Diameter.....in.

Height above Ground,.....ft.....in.

Above Mean Sea Level 486 ft.Dec - 1.

YEAR.....										1869	MEANS.
January.....										4.36	
February										2.93	
March										2.23	
April.....										1.69	
May										5.74	
June.....										.99	
July										1.15	
August.....										1.44	
September.....										5.51	
October										2.78	
November.....										3.48	
December.....										4.46	
TOTALS										28.3036.76	

C C

$$1868 = 28.30$$

Rainfall at Wheatland Grove Lodge 60
C Napier Denbigh.

Diameter of Gauge, 5 in. Height above Ground, 1 ft. Above Mean Sea Level, 274 ft. 1868

Dec - 1.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -							3.78	2.46	4.85	3.21	
February - -							2.98	1.20	2.79	2.17	
March - - -							1.97	2.73	2.86	1.70	
April - - -							1.28	3.30			
May - - - -							1.05	2.84	1.75	6.62	
June - - - -							3.83	.00	.29	.68	
July - - - -								3.21	1.20	.27	
August - - -							5.72	1.54	3.11	2.01	
September -							5.85	1.01	2.69	2.43	
October - -							2.17	1.69	2.51		
November -									2.57	6.70	
December -							4.21	x			
TOTALS -							32.84		32.17	28.74	

x 1867 The returns from the 9th Oct to end of the year are lost or mislaid C Napier

Rainfall at Brynbo

n. Wretham

Sewigh.

C. E. Darby

Diameter of Gauge, 4 in. ☐ Height above Ground, 4 ft. 3 in. Above Mean Sea Level, 550 ft. = 65

Dec - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				^x 3.90	^x 1.72	1.69	3.81	3.12	2.27	3.52	
February - -				.53	⁺ 1.10	1.52	2.80	1.81	2.08	2.65	
March - - -				1.13	4.21	1.67	2.06	2.47	2.77	1.51	
April - - -				1.12	1.69	.98	.99	3.48	2.12	1.09	
May - - - -				.66	2.62	3.49	1.51	2.32	1.41	5.76	
June - - - -				2.89	1.80	1.70	4.62	.85	.20	.86	
July - - - -				1.73	.73	2.07	2.53	4.78	1.19	.71	
August - - -				2.71	1.79	7.26	4.85	.80	3.49	1.48	
September -				3.45	2.48	.10	5.78	1.32	2.90	5.48	
October - -				4.81	2.54	5.28	1.75	4.72	2.77	3.61	
November -				3.16	3.02	3.49	3.74	.85	3.23	3.48	
December -				2.04	1.39	1.08	2.01	2.53	7.96	3.93	
TOTALS -				28.21	25.09	30.33	36.45	29.05	32.39	34.08	

x $\frac{1}{2}$ 30.th Jan /64 + $\frac{1}{2}$ 26.th Feb /64x Aug /65 12.th omitted + D.S. Gauge blown over on 31.st

□ July not to be depended upon, one of the entries being from memory

1868 The greatest fall in D.S. of any month during the last 7 years

Gwersyllt Hill
Wrexham.

Denbigh.

W. Lapell Junr.

8 in 69

4 in + ground 2 ft

abt 350 ft

+ Sea Level 400?

Dec - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				from the Park	1.94		2.95	2.31	1.80	4.50	
February - -					1.51		3.00	2.12	2.12	3.48	
March - - -					3.57		1.31	2.18	2.99	2.52	
April - - -					2.21		1.25	2.98	2.69	1.45	
May - - -					3.09		2.20	3.18	1.92	7.04	
June - - -					2.23		4.98	1.13	.14	1.09	
July - - -				# 1.39	1.12		1.59	4.50	1.17	1.12	
August - -				3.40	1.69		4.62	1.12	3.95	1.73	
September -				4.25	2.97		6.82	1.83	2.20	6.09	
October - -				5.33	2.57		1.67	4.10	1.37	4.15	
November -				2.74	4.03		4.03	.77	2.83	4.20	
December -				2.37	1.32		2.20	1.68	8.92	4.10	
TOTALS -					28.25		36.62	27.90	32.10	41.47	

ℓ ℓ

ℓ ℓ ℓ ℓ

RAINFALL AT Wresham

60

Boscawen I Griffiths Rep't Irevolyn Hall Roset Denbigh.

Rain { By Leselle
Gauge { Diameter.....5.....in.

Height above Ground, ft. 11 in.

Above Mean Sea Level, ...60... ft.

Dec - 1.

YEAR							1867	1868	1869	MEANS.
January							#3.19	2.10	3.19	
February							1.58	1.83	1.69	
March	1.92	1.30	
April	1.56	1.13	
May	1.51	4.91	
June28	.82	
July							3.17	2.15	.82	
August							1.14	2.52	1.20	
September ...							1.17	2.18	3.98	
October							3.60	2.49	2.95	
November97	2.26	3.20	
December							2.13	6.48	2.80	
TOTALS.....								27.28	27.99	

Open space clear of trees

1869 May was a singularly wet month: June & July very dry. Max Temp 89.2 on July 17th & Aug 28th
Min Temp 17.4 Dec. 28th

RAINFALL AT

Plas Cefnough (Denbigh)

60

Denbigh

J Harrison

Rain { By *basella*
Gauge { Diameter.....*5*.....in.

on lawn

Height above Ground, ft. *9*... in. Above Mean Sea Level, ft.

Clwyd-2.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						<i>1.84</i>	<i>3.80</i>				
February						<i>1.53</i>	<i>3.37</i>				
March						<i>1.83</i>	<i>1.57</i>				
April						<i>.56</i>	<i>1.25</i>				
May						<i>4.07</i>	<i>1.67</i>				
June						<i>1.60</i>	<i>3.58</i>				
July						<i>1.51</i>	<i>3.35</i>				
August						<i>5.71</i>	<i>3.42</i>				
September ...						<i>.02</i>	<i>5.51</i>				
October						<i>5.20</i>	<i>1.16</i>				
November ...						<i>3.11</i>	<i>3.23</i>				
December						<i>1.90</i>	<i>2.44</i>	<i>x</i>			
TOTALS.....						<i>29.04</i>	<i>34.43</i>				

C C

On a Lawn

RAINFALL AT

Llanerch Vale of Clwyd
Whitchall Dod Esq. Denbighshire

Rain { By
 Gauge { Diameter in.

Height above Ground, ... ft. in.

Above Mean Sea Level, ... ft.

Clwyd - 2.

YEAR								1867	1868	1869	MEANS.
January									2.63	3.55	
February									2.22	2.04	
March									2.64	1.60	
April									1.26	1.33	
May83	4.26	
June								# .55	.00	.98	
July								3.97	.31	.47	
August								1.44	2.24	1.55	
September ...								1.76	1.19	5.20	
October								4.78	2.96	3.61	
November ...								1.15	2.74	3.18	
December								2.98	6.78	2.75	
TOTALS									25.80	31.32	

C C C

*Gauge on a terrace about 60 ft. above the Clwyd fully exposed
 to E & S but slightly sheltered from the N & W*

RAINFALL AT Bala No 20

Wenoneth

O. Richards M.D.

Rain { By
Gauge { Diameter.....in.

Height above Ground, 1 ft. in.

Above Mean Sea Level, 544 ft.

Dec - 1.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January							10.03	7.43	7.78	7.94	
February							7.38	5.26	4.33	9.16	
March							3.77	3.95	7.42	2.75	
April							1.75	6.73	2.29	4.15	
May						<i>#</i> 3.31	2.65	2.16	1.72	3.41	
June						2.14	6.47	.88	.69	<i>(0.50)</i> <i>not kept</i>	
July						2.41	1.77	4.39	.45	1.42	
August						7.24	5.96	2.32	2.91	1.36	
September ...						1.15	10.24	3.38	3.16	10.90	
October						6.69	1.88	6.57	5.15	4.27	
November ...						6.67	6.66	1.52	4.36	6.17	
December						3.30	6.67	4.90	12.13	8.17	
TOTALS.....							165.23	49.49	52.39	61.20	

c c c c c

RAINFALL AT *Slenderfel**Monmouthshire**Pamplin*

Rain { By

Gauge { Diameter.....in.

Height above Ground, *1*..... ft. in.Above Mean Sea Level, *540*... ft.*See - 1.*

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						4.91	9.20				
February						3.82	4.59				
March						1.56	1.77				
April76	.75				
May						4.62	1.32				
June						1.85	4.48				
July						2.29	.89				
August						7.19	1.75				
September81	9.21				
October						7.01	1.85				
November ...						5.28	1.51				
December						2.87	5.23				
TOTALS.....						42.97	42.55				

*C C**1866 Months marked x not to be depended upon**1865 Oct-12 2.32 in*

RAINFALL AT *Blue Corwen*
Merionethshire

John W. Wayteff
Rain } By
Gauge }
Diameter.....*2*.....in.

3 ft 69
3 6 67 68

Height above Ground, *4*... ft. *6*... in. Above Mean Sea Level, *500*? ft. = *65*

Dec - 1.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						<i>3.50</i>	<i>7.00</i>	<i>4.40</i>	<i>6.00</i>	<i>4.50</i>	
February						<i>2.50</i>	<i>6.80</i>	<i>3.00</i>	<i>2.50</i>	<i>4.20</i>	
March						<i>2.25</i>	<i>3.10</i>	<i>3.10</i>	<i>4.40</i>	<i>1.50</i>	
April						<i>.40</i>	<i>1.50</i>	<i>4.50</i>	<i>1.30</i>	<i>1.70</i>	
May						<i>4.20</i>	<i>2.00</i>	<i>1.40</i>	<i>3.00</i>	<i>2.53</i>	
June						<i>1.25</i>	<i>3.80</i>	<i>.50</i>	<i>.02</i>	<i>.55</i>	
July						<i>2.00</i>	<i>1.64</i>	<i>1.35</i>	<i>.62</i>	<i>0.00</i>	
August						<i>7.10</i>	<i>5.75</i>	<i>1.30</i>	<i>1.90</i>	<i>.50</i>	
September ...						<i>.37</i>	<i>6.40</i>	<i>2.40</i>	<i>1.50</i>	<i>6.70</i>	
October						<i>6.00</i>	<i>1.41</i>	<i>5.00</i>	<i>3.50</i>	<i>3.80</i>	
November ...						<i>4.30</i>	<i>4.25</i>	<i>.75</i>	<i>3.00</i>	<i>4.20</i>	
December						<i>2.20</i>	<i>3.90</i>	<i>3.95</i>	<i>9.00</i>	<i>5.50</i>	
TOTALS.....						<i>36.07</i>	<i>47.55</i>	<i>31.65</i>	<i>36.74</i>	<i>35.68</i>	

C C C C C

In kitchen garden

Rainfall at *Trawsfynydd*

No 4

60

Merioneth.

Mr. R. J. Tarrett

Diameter of Gauge, in.

Height above Ground, ft.

Above Mean Sea Level, ft.

Glaslyn - 3.

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -		5.83	8.05	8.20			
February - -		4.40	7.48	5.88			
March - - -		3.49	2.94	3.11			
April - - -		1.04	1.20	7.91			
May - - - -	#	5.55	5.46	2.50	3.14		
June - - - -		8.00	1.25	5.75	+		
July - - - -		4.57	1.27	1.63	5.50		
August - - -		2.50	6.27	3.50	+		
September -		11.45	1.25	10.92	+		
October - -		2.20	8.15	1.90	6.41		
November -		11.45	7.11	7.69	1.50		
December -		6.00	2.66	5.95	#		
TOTALS -		48.18	59.37				

✓ c c c c

1867 the months marked + no returns received

Rainfall at Hendre 2 1/2 m. S.W. of Cannarum.
Pewhym in Merioneth Merioneth.

Francis C. Ball.

Diameter of Gauge, in.

Height above Ground, ... ft. 6 in.

Above Mean Sea Level, 100? ft.

Glaslyn - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						4.50	7.90				
February - -						3.01	5.40				
March - - -						4.29	3.81				
April - - -							.98				
May - - - -					<u>#3.11</u>	6.95	1.19				
June - - - -					<u>6.00</u>	1.72	3.31				
July - - - -					<u>2.41</u>	2.12	2.50				
August - - -					<u>3.60</u>	4.50	4.01				
September -					<u>6.30</u>	1.56	8.62				
October - -					<u>2.40</u>	2.83	3.04				
November -					<u>5.26</u>	6.01	4.50				
December -					<u>5.24</u>	2.93	5.09	<u>#</u>			
TOTALS -							50.35				

✓ C C C

Rainfall at Maentwrog No 2

Lawn & road

Merioneth.

Rev^d W. H. Trendel.

Diameter of Gauge,5..... in.

Height above Ground,1. ft. in.

Above Mean Sea Level, ...15..... ft.

Glaslyn - 3.

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -		6.64	9.95				
February - -		4.13	5.94				
March - - -		4.44	3.76				
April - - - -		2.02	1.24				
May - - - - -	# 3.63	5.22	2.06				
June - - - - -	7.07	1.04	6.92				
July - - - - -	3.80	1.90	1.87				
August - - -	4.29	5.93	4.27				
September -	7.64	1.30	7.35				
October - - -	2.41	4.23	3.03	#			
November -	7.15	8.32					
December -	4.70	2.90					
TOTALS -		48.95					

✓ C 9 C C

1865 May. Return lost. but entered in journal from

Rainfall at *Festiniog* No. 3 *Merioneth*

Geo. Carson Esq *Blaen y ddol*

Diameter of Gauge, in. Height above Ground, *1* ft. in. Above Mean Sea Level, *600* ft.

Gladyn - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						6.00	11.19	10.76	7.17	8.58	
February - -						6.24	8.84	5.63	6.34	10.55	
March - - -						5.01	5.81	3.58	11.51	3.65	
April - - -						2.65	2.57	9.97	5.37	6.41	
May - - - -						5.46	2.19	2.83	3.70	3.55	
June - - - -					<i>#</i> 7.68	2.25	8.90	1.38	1.02	2.30	
July - - - -					3.56	2.82	3.55	7.39	2.59	2.03	
August - - -					6.33	8.80	5.23	3.17	5.65	5.07	
September -					8.46	2.10	11.71	7.11	2.62	15.38	
October - -					2.97	5.92	3.19	10.66	7.36	8.32	
November -					6.59	6.20	11.44	1.45	6.42	11.42	
December -					5.98	3.69	10.10	10.67	14.76	8.25	
TOTALS -						57.22	84.72	74.60	74.51	85.51	

C C C C C C

RAINFALL AT *Rhieu Bryffor* No. 15

Merioneth.

Robert Roberts

Rain { By
Gauge {
Diameter.....in.

Height above Ground, *10* ft. in. Above Mean Sea Level, *1140* ft.

1120

Glaslyn - 3.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						<i>9.90</i>	<i>14.42</i>	<i>13.81</i>	<i>12.19</i>	<i>13.36</i>	
February						<i>7.35</i>	<i>12.22</i>	<i>8.28</i>	<i>10.12</i>	<i>16.14</i>	
March						<i>5.75</i>	<i>7.42</i>	<i>4.48</i>	<i>13.38</i>	<i>2.94</i>	
April						<i>3.30</i>	<i>2.20</i>	<i>13.18</i>	<i>5.55</i>	<i>9.14</i>	
May						<i>7.21</i>	<i>4.72</i>	<i>2.67</i>	<i>4.47</i>	<i>4.09</i>	
June						<i>1.95</i>	<i>9.04</i>	<i>2.53</i>	<i>2.02</i>	<i>3.76</i>	
July						<i>4.29</i>	<i>3.03</i>	<i>9.21</i>	<i>2.83</i>	<i>4.97</i>	
August						<i>10.67</i>	<i>8.44</i>	<i>6.72</i>	<i>7.81</i>	<i>4.68</i>	
September ...						<i>4.20</i>	<i>16.37</i>	<i>9.29</i>	<i>2.73</i>	<i>17.08</i>	
October						<i>8.12</i>	<i>5.29</i>	<i>15.13</i>	<i>15.80</i>	<i>8.10</i>	
November ...					<i>58</i>	<i>7.53</i>	<i>15.35</i>	<i>2.88</i>	<i>4.53</i>	<i>12.67</i>	
December					<i>58</i>	<i>4.22</i>	<i>15.97</i>	<i>10.50</i>	<i>19.86</i>	<i>10.62</i>	
TOTALS						<i>74.49</i>	<i>114.47</i>	<i>98.68</i>	<i>101.29</i>	<i>107.55</i>	

50 50 50 50 50

C. Rice Williams. M.D.

Diameter of Gauge, in.

Height above Ground, *1* ft. in.

Above Mean Sea Level, *18* ft.

Mawddach - 14.

YEAR - -					<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January - -						<i>2.49</i>					
February - -						<i>4.27</i>					
March - - -						<i>2.87</i>					
April - - -						<i>1.18</i>					
May - - - -						<i>4.06</i>					
June - - - -						<i>2.35</i>					
July - - - -						<i>2.41</i>					
August - - -						<i>5.02</i>					
September -					<i>4.70</i>	<i>.94</i>					
October - -					<i>2.39</i>	<i>3.91</i>					
November -					<i>3.81</i>	<i>4.49</i>					
December -					<i>3.44</i>	<i>1.33</i>					
TOTALS -						<i>35.32</i>					

✓ C C

RAINFALL AT *Dolgulley* No 21

60

Ord. R O Williams 67

Merioneth.

W Williams Esq. 65 & 66

Rain Gauge By *Casella*
Diameter.....5.....in.

Height above Ground, 1..... ft. in.

Above Mean Sea Level, 43..... ft.

Manoddach - 4 -

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						[#] 2.25	12.31	9.82	8.53	9.51	
February						5.02	6.16	5.44	4.91	7.66	
March						3.48	4.82	3.87	7.36	3.30	
April						1.83	1.02	0.92	4.60	5.64	
May						7.80	1.91	3.08	2.57	3.29	
June						1.73	5.68	7.6	.41	1.19	
July						3.91	2.15	7.12	1.48	2.17	
August						6.73	5.82	2.20	5.22	4.44	
September88	12.46	4.99	3.63	11.60	
October						6.94	3.26	10.05	6.95	4.76	
November ...						7.59	8.34	1.53	4.16	8.76	
December						3.85	5.75	5.54	14.55	7.59	
TOTALS						52.01	69.68	63.32	64.37	69.91	

C C C C C C

Brithodin ^{Merion}

2 m. E. from Dolgelly.

Merioneth.

John Hill.

4.5 in diam.
Casella B.A.

+ Ground 4 ft

+ S.L. 500 ft.

mawddach - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 4.72	6.98	10.60	6.90	9.13	9.37	
February - -					3.98	4.18	4.06	2.13	6.81	10.77	
March - - -					3.70	3.66	5.86	3.41	7.48	3.09	
April - - -					1.31	3.06	1.15	7.12	4.44	6.45	
May - - - -					1.36	4.91	1.97	3.31	3.54	3.12	
June - - - -					3.62	1.90	5.23	.95	.65	1.47	
July - - - -					1.50	4.30	2.68	7.60	1.39	1.92	
August - - -					2.71	4.98	5.85	.93	5.87	4.05	
September -					5.82	.75	8.96	3.53	4.23	13.62	
October - -					3.25	7.08	3.08	9.91	7.49	5.27	
November -					6.53	7.49	6.68	1.74	5.52	8.68	
December -					2.73	8.30	5.59	6.11	15.71	9.43	
TOTALS -					41.23	57.59	61.71	53.64	72.26	77.24	

✓ C C C C C C

Stanelltyd
Dolgelly
Henry Moon

Merioneth.

+ Ground 2 in + Sea Level 20 ft

Mawddach - ft.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -			6.84								
February - -			1.79								
March - - -			4.98								
April - - - -			7.06								
May - - - - -			5.61								
June - - - - -			6.87								
July - - - - -			10.23								
August - - -		*	4.04								
September -		7.76	6.04								
October - -		1.99	12.16								
November -		11.14	2.64								
December -		5.13	10.00*								
TOTALS -			78.26								

✓ C C

1862 Jan: 31 = 1.24

Talgarth Hall.
Machynlleth

Merioneth.

C. F. Thurston Esq^r.

9.5 in diam
basella

Score - 5.

+ Ground 1 ft.

+ S.L. 150?

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				#	4.13	5.35					
February - -					2.90	4.77					
March - - -					3.45	4.37					
April - - - -					3.37	1.36					
May - - - - -					3.93	5.30					
June - - - - -					9.79	2.98					
July - - - - -					2.95	3.70					
August - - - -					3.87	5.92					
September - -					7.24	1.50					
October - - - -					2.64	1.62					
November - - -					5.39	5.25					
December - - -					3.35	1.20					
TOTALS - - - -					53.01	43.32					

✓ C C

RAINFALL AT *Llan-y-Mowddwy*

Merioneth.

Observer... *T. Davies for Mr. E. Buckler*

Rain { By.....

Gauge {
Diameter.....in.

Height above Ground,.....ft.....in.

Above Mean Sea Level.....ft.

Survey - 5.

YEAR.....						1865					MEANS.
January.....											
February											
March											
April											
May											
June											
July											
August						8.68					
September.....											
October						11.47					
November.....						5.30					
December						3.20					
TOTALS											

Fragment of 1865 Copied from R. G. examination book, having been obtained at Llanidloes from T. F. Roberts Esq

Rainfall at *Beltus-y-coed* No 14

60

Conarvon.

Rev. J. W. Griffith

Diameter of Gauge, in.

Height above Ground, *1* ft. *2* in.

Above Mean Sea Level, *70* ft.

Conway - 2.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						7.90	11.78	9.44	7.32	8.71	
February - -						3.51	7.15	4.94	5.35	4	
March - - -						2.00	4.66	3.55	8.42		
April - - -						1.41	3.32	6.99	2.71		
May - - - -					2.36	7.45	2.61	2.37	2.73		
June - - - -					3.31	1.80	5.39	1.51	.53		
July - - - -					.96	4.97	1.94	5.41	1.88		
August - - -					3.15	5.09	4.82	3.31	3.83		
September -					6.65	1.59	10.87	4.62	2.30		
October - -					3.05	6.59	3.36	9.08	6.93		
November -					6.43	6.01	8.27	1.38	3.64		
December -					3.65	4.13	9.82	5.30	16.42		
TOTALS -						54.13	73.99	57.90	62.06		

✓ c c c c c c

RAINFALL AT

Conway (Morfa) No 19

Carnarvon.

Mr. John Roberts

Rain { By Casella

Gauge { Diameter 5 in.

Height above Ground, 1 ft. in.

Above Mean Sea Level, 15 ft.

Conway - 2.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						# 2.46	4.17	2.39			
February						1.51	3.41	1.62			
March						1.28	1.90				
April66	.63				
May						3.15	.97				
June						1.79	3.55				
July						1.58	1.19				
August						5.17	2.43				
September08	4.49				
October						3.04	2.10				
November ...						3.68	3.33				
December						1.41	2.63				
TOTALS						25.81	30.80				

C C C

Rainfall at Llanidloes

Ormes Head

Camaron.

Robt Price

Howards tube gauge in wooden case

Diameter of Gauge, 1.2 in.

Height above Ground, 6 ft. in.

Above Mean Sea Level, 175 ft.

Conway - 2.

YEAR - -					1865	1866	1867	1868	1869	MEANS.
January - -					[*] 1.69	3.36	1.46	3.72	2.14	
February - -					1.79	3.39	1.27	2.71	2.28	
March - - -					.60	1.54	1.29	2.63	2.15	
April - - -					58	.70	2.18	1.24	1.67	
May - - - -					3.53	.65	.79	1.19	1.05	
June - - - -					.71	3.52	.61	.16	.88	
July - - - -					1.08	1.49	4.58	.05	.08	
August - - -					3.50	4.07	1.45	1.57	2.15	
September -					.10	4.20	1.81	1.04	5.30	
October - -					5.42	1.95	3.26	2.56	3.36	
November -					2.13	4.79	3.45	2.97	4.00	
December -					1.51	3.55	2.98	5.78	2.90	
TOTALS -					22.64	33.21	25.13	25.62	27.96	

On Lt. Ormes Head near the Reservoir of the Llanidloes Gas & Water Comp^y

1868 Between May 25th and Aug. 10th only 0.47

" " " 3rd " 0.33

Aug. 24th & Sept. 14th " 0.05

Rainfall at Upper Clymag

Carnarvon

Rev^d John Jones
W. W. Williams 1869

Diameter of Gauge, in. Height above Ground, ft. Above Mean Sea Level, 52.5 ft.

Menai - 3.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -								9.39			
February - -								5.41			
March - - -								2.99			
April - - -							1.16	6.98			
May - - - -							2.60	2.00			
June - - - -											
July - - - -							6.69				
August - - -							2.00				
September -							6.36				
October - - -							11.77				
November -							3.50				
December -							8.00				
							6.20				
TOTALS -											

✓ c ✓

RAINFALL AT *Llynnoq* No. 18

60

Carnarvon.

Rev. R. Kiffin

Rain { By *Basella*
Gauge { Diameter.....*5*.....in.

Height above Ground, *1* ft. in.

Above Mean Sea Level, *70* ft.

menai - 3.

YEAR	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January							<i>9.76</i>	<i>7.00</i>	<i>4.74</i>	<i>9.41</i>	
February							<i>4.57</i>	<i>3.65</i>	<i>4.66</i>	<i>4.00</i>	
March							<i>4.31</i>	<i>2.77</i>	<i>4.46</i>	<i>3.10</i>	
April						<i>4.90</i>	<i>1.33</i>	<i>5.32</i>	<i>2.82</i>	<i>3.02</i>	
May						<i>7.03</i>	<i>1.75</i>	<i>2.74</i>	<i>3.11</i>	<i>3.00</i>	
June						<i>1.62</i>	<i>5.29</i>	<i>1.00</i>	<i>.50</i>	<i>1.04</i>	
July						<i>3.37</i>	<i>.91</i>	<i>3.02</i>	<i>1.32</i>	<i>2</i>	
August						<i>4.51</i>	<i>4.41</i>	<i>3.17</i>	<i>4.53</i>		
September ...						<i>.81</i>	<i>9.86</i>	<i>4.00</i>	<i>2.88</i>		
October						<i>4.52</i>	<i>2.63</i>	<i>7.21</i>	<i>6.41</i>		
November ...						<i>0.14</i>	<i>5.64</i>	<i>1.00</i>	<i>4.18</i>		
December						<i>6.19</i>	<i>4.97</i>	<i>4.11</i>	<i>13.39</i>		
TOTALS							<i>55.43</i>	<i>45.07</i>	<i>53.00</i>		

C C C C C

1869 Observer has left

Rainfall at *Cilgwyn Quarry, Llanddyffni* No 13

E. J. Evans Esq.
W. Hayward Esq.

Camarvon.

Diameter of Gauge, in.

Height above Ground, ...*1*... ft. in.

Above Mean Sea Level, *500*... ft.

menai - 3.

YEAR - -						1864	1865	1866	1867	1868	1869	MEANS.
January - -							2.45		4.50	5.61		
February - -							2.98	1.95	2.01	2.17		
March - - -							2.06	2.61	1.48	3.45		
April - - -							.59	2.11	4.48	2.67		
May - - - -							3.43	1.93	.98	1.37		
June - - - -							1.90	5.58	.89	.33		
July - - - -							3.42	.99	4.67	.17	2.16	
August - - -						<i>#</i> 3.43	5.65	3.58	2.49	4.10	3.26	
September -						5.88	.87	6.17	2.92	2.03	11.90	
October - -						3.95	2.90	2.51	5.71	3.12	5.33	
November -						5.23	5.95	4.28	.76	Gauge broken	4.18	
December -						3.29	3.25	2.27	5.66		5.74	
TOTALS -							35.45		36.55			

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Rainfall at *Royal Victoria Hotel* No. 9

Llanberis

Carnarvon.

Mr. M. Williams.

Diameter of Gauge, 5 in.

Height above Ground, ... 1 ... ft. in.

Above Mean Sea Level, *370* ... ft.

menai - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						6.77	15.85	11.46	10.39	11.46	
February - -						5.20	7.83	5.45	5.89	5.45	
March - - -						3.03	5.91	4.94	11.47	4.94	
April - - -						1.22	5.42	9.22	5.23	9.22	
May - - -					3.44	11.06	3.68	2.44	4.11	2.44	
June - - -					6.55	1.61	8.44	1.15	.32	1.15	
July - - -					4.81	7.18	1.41	8.92	1.40	8.92	
August - -					5.27	7.74	6.42	3.78	6.33	3.78	
September -					7.77	1.19	13.05	6.72	3.37	6.72	
October - -					4.87	8.54	3.88	10.14	10.27	10.14	
November -					12.44	11.25	8.70	.39	4.92	.39	
December -					7.09	9.92	8.52	7.34	20.55	7.34	
TOTALS -						75.51	89.11	71.95	84.25	71.95	

1865. May 29. = 2.84 in.

Rainfall at *Glyn Padarn, Lake Stanneris No 8*

60

Carnarvon.

W. W. Cragg Esq

Diameter of Gauge, *5* in.

Height above Ground, *1* ft. in.

Above Mean Sea Level, *277* ft.

mean - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						⁵ 5.40	11.94	9.74	9.68	11.87	
February - -						4.76	7.39	4.45	6.33	6.52	
March - - -						3.12	6.04	4.27	9.71	2.06	
April - - -						1.32	2.80	8.34	4.46	4.50	
May - - - -					[#] 3.08	8.50	2.81	2.11	4.27	3.23	
June - - - -					6.01	1.39	7.17	1.27	.59	.75	
July - - - -					2.33	5.07	1.03	6.30	1.98	2.37	
August - - -					5.09	7.45	5.65	3.45	5.15	4.53	
September -					5.85	1.13	10.55	6.06	2.68	12.42	
October - -					4.66	7.41	3.32	7.17	7.58	7.17	
November -					8.72	10.71	8.17	1.99	6.36	9.04	
December -					5.87	8.92	7.14	6.17	18.21	9.20	
TOTALS -						65.18	74.01	61.32	77.00	73.66	

✓ c 2 ✓ c ✓ c ✓ c ✓ c

Rainfall at Lochsida Carnarvon

Mr. John Jackson

Diameter of Gauge, in.

Height above Ground, 1 ft. 1 in.Above Mean Sea Level, 120 ft.

menai - 3.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -							[*] 6.09	4.83	4.69	6.65	
February - -							3.59	2.04	3.43	2.99	
March - - -							3.10	2.35	4.04	1.66	
April - - -							1.05	4.30	2.41	2.35	
May - - - -							1.56	1.38	1.85	3.16	
June - - - -							5.36	.79	.44	1.34	
July - - - -							.84	3.85	1.33	1.05	
August - - -							3.02	2.18	2.95	2.47	
September -							8.03	3.48	2.13	10.44	
October - -							2.13	5.97	4.41	4.87	
November -							4.57	1.57	3.14	4.11	
December -							3.45	4.24	9.13	4.37	
TOTALS -							43.73	36.98	39.95	45.46	

✓ c ✓ c ✓ c ✓ c

Rainfall at *Dinorwic Quarry* Slanberis No 10
Carnarvon

60

G. Ellis Esq

Diameter of Gauge, 5 in.

Height above Ground, ... 1... ft. 10... in.

Above Mean Sea Level, 850... ft.

mean - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						5.60	13.69	9.35	7.57	7.82	
February - -						4.00	7.82	4.65	6.04	7.21	
March - - -						2.70	6.43	4.55	8.14	2.78	
April - - -						1.10	4.44	7.49	4.40	4.89	
May - - - -					# 2.35	8.32	1.34	3.02	3.62	3.07	
June - - - -					5.98	1.15	6.50	1.57	.55	2.28	
July - - - -					2.43	5.75	1.64	6.59	1.87	2.33	
August - - -					6.12	7.20	4.55	3.60	5.74	1.30	
September -					7.80	.90	8.65	6.18	2.85	13.22	
October - -					4.40	7.67	3.30	7.77	7.91	3.08	
November -					9.80	9.00	8.00	1.06	5.78	6.15	
December -					4.82	8.80	7.25	7.53	14.53	5.25	
TOTALS -						62.19	73.61	63.44	69.00	59.38	

✓ c c ✓ c ✓ c ✓ c

1865, May 30. = 3.23 in.

Rainfall at *Cannarvon* (*Plas Brereton*)

1 m E of Cannarvon on banks of the Straits

Cannarvon.

Thos. Turner Esq

4. in middle of a terrace about 90ft wide, clear of trees

25-65 6

Diameter of Gauge, ..5..... in.

Height above Ground, ft. 10.. in.

Above Mean Sea Level, ..85..... ft.

menai - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						2.54	6.12	5.09	4.15	6.54	
February - -						2.35	3.64	1.99	3.60	2.91	
March - - -						1.77	2.72	2.28	3.79	1.57	
April - - - -						1.11	1.05	3.85	2.10	2.36	
May - - - - -						4.47	2.01	1.42	1.47	3.18	
June - - - - -						1.23	5.37	.76	.28	1.34	
July - - - - -						2.69	.85	3.63	1.13	.83	
August - - -						4.30	3.08	2.09	2.51	1.99	
September -						.73	7.97	3.77	1.93	10.17	
October - - -						3.20	2.14	5.35	4.19	4.58	
November -					# 3.90	3.67	3.83	1.69	3.75	3.79	
December -					3.33	2.91	3.91	3.60	8.76	4.29	
TOTALS -						30.97	42.69	35.60	37.66	43.55	

✓ C C ✓ C C ✓ C

Rainfall at *Penrhyn Quarry,*

Bethesda.

Carnarvon.

J. Francis Esq

5 ft 65

1000 = 65

Diameter of Gauge, in.

Height above Ground, ft. *5* in.

Above Mean Sea Level, *1200* ft.

Menai - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						5.06	8.53	8.94	6.52	<i>no return</i>	
February - -						3.33	4.70	3.62	4.70	6.46	
March - - -						2.43	5.29	4.10	7.12	<i>no return</i>	
April - - -						1.20	1.67	8.38	2.42	3.67	
May - - -						8.94	2.31	1.85	2.83	3.27	
June - - -						1.54	7.43	1.51	.69	1.99	
July - - -						4.55	1.47	6.35	1.88	1.89	
August - - -						5.59	5.02	2.42	4.91	4.08	
September -					<i>#</i> 5.24	.88	8.91	5.55	2.40	10.71	
October - -					4.42	5.45	3.07	7.57	5.26	5.61	
November -					8.36	7.49	5.25	2.24	4.76	5.72	
December -					6.22	5.53	4.43	5.24	13.82	6.80	
TOTALS -						51.99	58.08	57.77	57.31		

✓ C ✓ C ✓ C ✓ C 52.40 C

1865. May 30 = 2.06

1868 Aug^h lost in printed return. Total 52.40

Rainfall at Bethesda (Baynderuemu) No 12

60

Cameron.

John Francis Esq.

Diameter of Gauge, in.

Height above Ground, ... ft. in.

Above Mean Sea Level, ... ft.

550 - 656
500... ft. 64

Mean - 3.

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -		5.14	10.95	7.97	6.18	9.07	
February - -		3.76	6.54	3.61	5.24	6.74	
March - - -		2.65	5.19	3.46	7.58	2.20	
April - - -		1.13	3.00	7.37	4.02	3.44	
May - - - -	3.31	7.47	3.30	2.02	2.21	3.33	
June - - - -	5.05	1.49	8.31	1.12	.59	2.25	
July - - - -	1.68	3.27	1.53	6.55	1.81	6.14	
August - - -	5.16	6.49	5.14	2.10	4.78	3.69	
September -	5.12	.90	9.80	5.58	3.17	11.87	
October - - -	5.37	6.51	3.02	8.03	5.76	6.14	
November -	8.14	8.18	7.26	1.98	5.30	6.07	
December -	3.29	5.75	6.26	6.65	12.73	6.84	
TOTALS -		52.74	70.30	56.44	59.37	67.78	

✓ 52.56 ✓ c c c c c

1868 Aug 26 to 31 lost - amount computed -

1865 P. Dods Transposed

RAINFALL AT *Llanllechid Rectory**W. Bangor**Cornwall.**John Evans*

Rain { By

Gauge { Diameter.....in.

Height above Ground, ft. *4* in.Above Mean Sea Level, ft. *60**mean - 3.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January			#								
February				3.38							
March			27 th								
April				2.80							
May			to 4 th								
June.....			18 th	2.17							
July			25 th	1.72							
August.....			30	4.83							
September ...											
October.....				5.70							
November.....			2	3.55							
December.....			30	2.24							
December.....			31	.87							
TOTALS				27.26							

1864 The fall is probably less than the average of the neighborhood owing to the h being surrounded by tall trees at no great distance

Bangor
Carnarvon

Carnarvon.

Rev. J. H. Purvis

3 63

+ Ground 5ft 64 + Sea Level 40ft 62

menai - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			5.06	5.75	2.78	3.15					
February - -			1.25	1.83	1.99	2.24					
March - - -			4.70	1.28	3.24	2.34					
April - - - -			5.51	1.88	.97	.09					
May - - - -			3.29	2.36	2.19	4.90					
June - - - -		2.02	6.24	2.92	2.16	5.04	1.53				
July - - - -		5.76	6.79	1.81	2.40	3.03					
August - - -		5.29	16.31	.56	5.83	2.58	4.00				
September -		3.92	2.67	6.34	4.65	.77					
October - -		3.31	5.14	7.20	3.22	3.72					
November -		8.53	2.63	5.12	4.86	4.43					
December -			5.00	3.38	2.77	2.94					
TOTALS -			45.52	44.94	36.69	33.94					

C C C C C

Hyd Sta. no. 57- 533682

NQR: SH (23) 586728

alt. 7m.

1863 I moved to new residence in March after which time the height + SL is 105 ft

Llanfairfechan

Carnarvon.

Richard Luck Esq.

J. Sin Potten + Ground q in. 66
monai - 3.

+ Sea Level 140ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 1.19	3.82	5.79	4.21	3.67	5.01	
February - -					1.50	2.61	4.39	2.26	3.15	4.19	
March - - -					3.67	1.34	3.74	2.77	3.30	1.78	
April - - - -					1.30	.04	.57	4.16	2.32	2.34	
May - - - - -					2.17	5.25	2.56	1.67	1.30	3.07	
June - - - - -					2.39	1.93	4.80	.53	.40	1.09	
July - - - - -					1.88	2.55	1.99	5.32	.83	.40	
August - - -					1.89	4.04	2.45	1.21	2.61	1.98	
September -					3.43	.37	6.66	2.59	2.24	7.74	
October - -					4.28	4.10	2.08	5.71	3.31	3.87	
November -					5.78	4.29	4.37	1.47	3.51	3.55	
December -					1.91	2.66	4.13	2.96	8.43	3.48	
TOTALS -					31.39	33.80	43.53	34.86	35.07	38.50	

✓ C C C C C C

Lochynoe
Aberdaron

No 22

60

Carnarvon.

William Jones

Diameter 12 in
Brch - 4 -

+ Ground. 1^{ft} 3 in

5 ft 6 in 65
66

+ Sea Level. 340 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				# 6.59	4.61	4.17	6.77	6.41	4.61	7.72	
February - -				1.96	2.05	4.27	3.38	3.02	3.90	4.09	
March - - -				1.53	3.74	2.86	3.20	2.30	3.67	2.33	
April - - - -				1.70	1.82	1.63	1.27	4.32	2.02	2.77	
May - - - - -				1.51	2.03	5.18	2.02	3.30	2.42	4.58	
June - - - - -				2.85	3.10	1.16	4.19	.77	.39	1.17	
July - - - - -				1.97	2.63	2.09	.67	3.35	1.16	1.76	
August - - -				5.50	3.23	4.60	3.71	2.96	3.27	2.47	
September -				7.64	4.94	.77	7.85	2.96	3.47	13.01	
October - -				10.66	3.93	4.32	2.65	6.33	6.27	2.68	
November -				4.10	4.53	6.00	4.90	1.03	2.98	3.86	
December -				3.12	4.37	3.76	4.89	4.41	10.94	5.26	
TOTALS -				49.13	40.98	40.81	45.50	41.16	45.10	51.70	

Register imperfect from 1858 to 1862

RAINFALL AT Pollheli

Carnarvon.

J. J. Evans
 Rain }
 Gauge }
 Diameter.....5.....in.

Gauge moved Jan: 1866.

2 ft 0 in in 66

12 ft in 1866

Height above Ground, 4... ft. in. 65 Above Mean Sea Level, 8.0... ft. in 1865-

Book - 4.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						2.95					
February						3.06	3.23				
March						2.85	2.12				
April						3.62	.89				
May						4.25	.36				
June						1.68	3.04				
July						2.55	.86				
August						3.54	2.98				
September82	8.61				
October						3.82	1.94				
November ...						3.78	3.80				
December						1.77	4.07				
TOTALS						34.85					

C C

RAINFALL AT

Pullheli Bodjahn No 17

60

Camaroon.

Rain { By
Gauge { Diameter.....in.

Height above Ground, *4* ft. *9* in.

Above Mean Sea Level, *150* ft.

80 68 69

March - 4.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						2.07	7.08	5.78	4.39	7.32	
February						3.73	3.85	2.77	3.99	3.77	
March						2.22	3.29	2.01	3.89	2.16	
April						1.37	1.47	4.36	2.43	2.33	
May						4.43	1.71	2.78	1.71	4.79	
June						1.48	3.87	.85	.34	1.01	
July						2.16	.60	3.09	1.03	1.14	
August						4.87	3.81	2.37	3.44	2.46	
September76	8.92	3.62	3.55	11.73	
October						4.43	2.57	6.63	5.63	3.78	
November ...						6.33	4.76	.95	3.00	3.42	
December						3.71	4.34	4.65	10.47	4.69	
TOTALS						38.36	46.27	39.86	43.87	48.60	

~ C C C C C

Slanystumduw *Cameroon.*
J. Roberts. M.D.

Diameter of Gauge, in. Height above Ground, *3* ft. in. Above Mean Sea Level, *50* ft.

March - 4.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						3.48	6.02	5.12	3.57	5.65	
February - -						2.91	3.59	2.14	3.07	2.96	
March - - -						2.92	2.39	1.85	2.77	1.42	
April - - -						1.61	.63	4.08	2.07	2.55	
May - - - -					<i>#</i> 2.56	4.12	1.63	2.49	1.90	3.13	
June - - - -					1.58	1.73	4.40	.73	.22	.97	
July - - - -					3.19	1.94	.81	3.71	.55	.89	
August - - -					3.16	4.24	4.13	2.61	3.25	2.51	
September -					3.80	1.10	6.81	3.77	3.27	12.41	
October - -					2.69	3.13	1.75	6.86	4.50	4.31	
November -					3.43	4.60	4.63	1.14	2.80	4.22	
December -					3.82	2.32	3.41	4.00	8.12	7.09	
TOTALS -						34.10	40.20	38.50	36.10	48.11	

✓ C C C C C C

Rainfall at *Slangybi (Cefn)* No 6

60

Cameroon.

Rev^d S. G. A. Williams

Diameter of Gauge, *5*..... in.

Height above Ground, *1*... ft. *1*... in.

Above Mean Sea Level, *200*.... ft.

March - 4.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						4.23	7.96	6.75	5.77	8.16	
February - -						4.08	3.92	3.16	3.64	4.51	
March - - -						3.62	3.25	2.29	4.23	2.68	
April - - -						1.93	1.15	4.86	2.70	3.03	
May - - - -					<i>#</i> 2.52	4.84	1.92	2.69	1.80	4.18	
June - - - -					3.64	1.91	4.82	.90	.35	1.25	
July - - - -					3.49	2.19	1.42	3.68	2.59	1.50	
August - - -					3.91	5.02	5.09	3.02	1.13	3.09	
September -					6.54	1.87	8.60	3.57	3.27	11.37	
October - - -					3.82	4.19	2.83	8.01	6.43	4.65	
November - -					5.18	6.02	5.44	1.51	4.28	5.62	
December - -					5.74	3.73	4.90	5.66	10.44	5.20	
TOTALS -						44.43	51.30	46.10	46.63	55.24	

✓ c ✓ c ✓ c ⁰⁵ ✓ c ✓ c

Rainfall at Port Madoc. No. 1

60

Camaroon.

M. G. H. Shouger.

Diameter of Gauge, 5..... in.

Height above Ground, 15 ft. in.

Above Mean Sea Level, 30..... ft.

Gladys - 5.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						4.00	9.10	7.53	6.04	0.14	
February - -						3.10	4.75	3.07	3.65	5.48	
March - - -						3.80	2.80	2.50	4.77	2.64	
April - - - -						2.10	1.12	4.86	2.71	4.92	
May - - - -					2.51	4.49	1.53	2.05	1.97	3.52	
June - - - -					2.54	1.93	5.17	.93	.49	1.21	
July - - - -					2.44	1.80	1.15	5.34	.78	1.41	
August - - -					3.57	5.12	4.19	2.50	4.09	3.51	
September -					4.78	1.27	8.77	5.51	2.60	11.54	
October - - -					2.09	3.65	2.49	0.91	5.42	4.70	
November -					3.29	4.69	5.33	1.02	3.95	5.28	
December -					4.70	2.43	4.63	5.18	11.42	5.04	
TOTALS -						38.38	57.09	50.20	47.89	57.47	

✓ C C C C C C

Rainfall at Abbeville

Cameron.

W. E. M. Stiles

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Glaslyn - 5.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -								7.85			
February - -								5.23			
March - - -								3.22			
April - - -								7.21			
May - - - -							#2.57				
June - - - -							6.67				
July - - - -							1.76				
August - - -							5.36				
September -							10.77				
October - - -							3.73				
November -							8.69				
December -							7.65				
TOTALS -											

C C

Rainfall at *Beddgelert*

No 5

Llygarn

Comerrow.

Mr T. Searell.

Diameter of Gauge, *5* in.

Height above Ground, *5* ft. *8* in.

Above Mean Sea Level, *330* ft.

Glaslyn - 5.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						9.72	17.86	16.08	12.93		
February - -						7.66	11.04	8.91	10.27		
March - - -						5.96	5.80	4.32	12.76		
April - - -						2.55	1.74	11.73	5.90		
May - - - -						9.97	4.62	5.87			
June - - - -					<i>#</i> 7.54	1.87	8.65	1.40			
July - - - -					7.32	4.44	2.63	8.96			
August - - -					11.58	<i>5.5</i> 11.69	8.35	6.93			
September -					10.08	3.39	16.71	8.68			
October - -					3.52	8.10	5.93	14.23			
November -					8.80	8.77	15.72	2.35			
December -					10.06	7.11	14.52	8.65			
TOTALS -						81.23	113.57	98.11			

✓ C 81.09 ✓ C C C

1865. May 30. 1.80 in

RAINFALL AT *Boddeleert Bryn Gwynant* *Carnarvon.*

Observer.....

Rain { By.....

Gauge { Diameter.....*2 3/4*.....in.

Height above Ground,.....*3*.....ft.....in.

Above Mean Sea Level.....*264*.....ft.

Stedyn - 5.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....				10.16	7.26	10.58	20.76	13.12	16.16	15.28	
February				5.12	8.43	6.22	14.29	7.58	11.58	20.21	
March				4.04	6.53	5.36	8.94	7.37	14.97	5.69	
April.....	4.50	1.66	11.28	4.36	3.77	4.15	3.43	14.20	7.18	10.60	
May	8.28	2.64	6.42	7.07	5.33	10.43	14.66	3.95	5.96	4.61	
June.....	12.49	6.76	7.05	6.79	11.13	1.62	7.49	3.29	2.07	4.13	
July	4.80	9.61	13.45	2.54	9.90	5.11	3.17	11.24	2.13	6.02	
August.....	13.35	18.21	6.75	11.64	7.88	10.41	8.20	6.96	10.51	5.94	
September.....	6.83	13.55	6.41	15.50	11.18	3.26	17.70	9.05	2.76	20.97	
October.....	17.86	6.42	16.45	16.44	4.11	9.27	5.47	15.90	16.44	11.43	
November.....	5.35	12.13	4.83	15.02	10.99	10.24	17.06	2.45	9.28	14.22	
December.....	5.41	5.30	11.99	9.02	10.50	5.92	14.53	14.06	22.70	12.80	
TOTALS				107.70	97.01	82.57	125.70	109.17	121.74	131.90	

Mr. Wyatt states that the above figures for March and July 1867 are correct.

RAINFALL AT *Snowden* *Kapod Lyn Quarry* *No 253*
Camaroon. *52 383*

Rain { By
Gauge { Diameter.....*5*.....in. Height above Ground, *5*... ft. *6*... in. Above Mean Sea Level, *1300*. ft.

Glaslyn-5.

YEAR	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January							<i>18.92</i>	<i>20.31</i>	<i>8.13</i>		
February							<i>11.39</i>	<i>4.87</i>	<i>9.75</i>		
March							<i>7.13</i>	<i>5.19</i>	<i>11.98</i>		
April							<i>3.77</i>	<i>14.12</i>	<i>3.60</i>		
May							<i>3.87</i>				
June							<i>11.86</i>				
July							<i>4.15</i>	<i>11.21</i>			
August							<i>10.61</i>				
September ...							<i>18.48</i>				
October							<i>6.53</i>				
November ...						<i>#13.24</i>	<i>15.65</i>				
December						<i>8.78</i>	<i>15.02</i>				
TOTALS.....							<i>127.38</i>				

CC C C

Observer died

RAINFALL AT Snowden

John Henry Roberts Stale Quarries 43 Cameron.

Rain { By
Gauge {
Diameter.....5.....in. Height above Ground, 1... ft. in. Above Mean Sea Level, 1500 ft.

Clarlyn - 5.

YEAR								1867	1868	1869	MEANS.
January									13.98	16.74	
February								9.67	12.79		
March								12.57	3.95		
April								6.47	8.83		
May								7.37	6.57		
June								1.70	3.59		
July							#	12.70	2.64	7.28	
August								7.48	10.18	6.13	
September ...								10.45	5.10		
October								10.05	14.62	4.76	#
November ...								1.35	7.85		
December								10.37	22.95		
TOTALS									115.10		

✓ ✓ ✓

1869 Did not go to the quarries in Sept. & no observations were taken in Nov. & Dec.

RAINFALL AT *Memafon Angeles No 23*

Rev^d
W Wm Williams Esq. on pedestal in a half acre walled garden, no trees within 20 ft
 Rain { By *Casella*
 Gauge { Diameter *1.5* in. Height above Ground, *4* ft. *9* in. Above Mean Sea Level, *17* ft.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January							5.39	4.88	4.14	6.68	
February						[#] 2.32	3.28	1.92	3.37	2.85	
March						2.03	2.52	2.05	3.64	1.67	
April						1.29	1.11	3.93	¹⁹ 1.99	2.12	
May						5.17	1.96	1.44	1.40	2.95	
June						1.34	5.06	.76	.24	1.20	
July						2.68	.80	3.62	1.12	.75	
August						4.19	2.70	1.90	2.81	1.92	
September62	7.43	3.43	2.17	10.21	
October						3.48	2.24	5.13	3.98	4.45	
November ...						4.42	3.83	1.38	2.94	3.66	
December						3.00	3.71	3.76	8.74	4.05	
TOTALS							40.03	34.20	36.54	42.51	

✓ C C C C C

G in centre of a half acre walled garden in open space.

1868 Brilliant meteor on 10th Nov. at 7.35 p m a little commencing a little to the N of the Pleiades blue ball for some distance, then breaking into numerous red fragments and ending in the horizon, inclining slightly to N

D.D. Extraordinary depression of Bar on 24th Gale came on on the evening of the 25th lasted 26th 8. to 4 p m on 27th

Oct. L & numerous meteors on 14th 5 to 6 A M, course chiefly from W to E inclining to the horizon

RAINFALL AT *Llangadwaladr**New W D Owen Junr.**N. Bidorgan Station**Anglesea*

Rain { By

Gauge { Diameter.....in.

Height above Ground, *3* ft. in.Above Mean Sea Level, *54* ft.

YEAR								1867	1868	1869	MEANS.
January								⁸ 3.95	3.69	5.66	
February								1.94	3.05	3.93	
March								1.60	3.30	1.58	
April								3.69	1.78	2.10	
May								2.16	1.80	3.46	
June68	.53	1.36	
July								3.30	1.06	.90	
August								2.26	2.67	1.84	
September ...								3.45	2.07	9.01	
October								5.83	4.21	4.16	
November ...								1.52	3.15	³ 4.43	
December								3.93	8.22	3.83	
TOTALS.....								34.31	35.53	42.26	

2 C C 1 C

Rainfall at *Hen Uys*, Beaumaris.....

60

Anglessea

Wm F. M. Hampton.

Diameter of Gauge, in.

Height above Ground, *1* ft. *6* in.

Above Mean Sea Level, *150* ft.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						3.35	5.22	3.08	3.07	3.75	
February - -						2.57	4.15	2.70	3.56	5.95	
March - - -						2.31	2.73	1.60	4.12	1.84	
April - - -						1.21	.73	4.33	2.23	1.57	
May - - - -						4.36	2.25	1.49	1.47	4.77	
June - - - -						1.67	5.47	.58	.20	1.81	
July - - - -					[#] (1.21)	2.17	1.59	4.84	1.28	.54	
August - - -					.60	4.44	2.70	1.63	2.40	1.60	
September -					3.61	.24	9.52	3.77	1.79	8.56	
October - -					2.39	3.48	2.39	2.39	3.92	5.64	
November -					4.80	3.33	3.40	.50	2.95	4.66	
December -					2.56	2.54	4.40	5.97	7.68	5.33	
TOTALS -						31.67	44.55	32.88	34.67	46.02	

✓ C C C C C C

1868 25th Sep^r Gauge was upset - heavy rain on that day

Slandy fry dock
Englissey

Henry Webster Esq.

+ Ground 2 ft.

+ Sea Level 95 ft

92 63

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		2.14	3.46	6.07	3.24	3.12	5.90	4.00	4.32	5.78	
February - -		4.19	1.21	1.49	1.85	3.09	4.31	2.67	2.88	4.39	
March - - -		3.78	3.74	1.39	3.52	2.16	1.94	2.26	3.98	1.94	
April - - -	*	1.03	4.11	1.55	1.78	.71	.85	3.89	2.00	3.04	
May - - - -	2.05	.85	2.98	2.38	1.94	4.92	2.07	1.84	1.65	4.48	
June - - - -	4.15	3.56	2.65	2.59	2.62	1.43	3.63	.80	.13	1.48	
July - - - -	1.38	4.55	3.75	1.65	1.52	2.70	1.62	4.13	.95	1.05	
August - - -	6.34	5.64	2.78	3.67	2.56	3.48	3.23	2.33	3.38	1.77	
September -	3.42	4.60	2.48	5.50	3.71	.63	6.19	3.19	2.08	7.62	
October - - -	5.99	3.13	5.61	7.38	3.69	4.04	3.18	5.71	4.68	3.92	
November - -	2.39	7.38	1.97	4.61	3.61	4.25	5.04	.87	3.63	4.26	
December - -	3.10	3.60	5.40	2.55	3.84	3.36	4.27	5.02	8.89	3.80	
TOTALS -		44.45	40.14	40.83	33.88	33.89	42.23	36.71	38.57	43.53	

✓ c ✓ c ✓ c ✓ c

Rainfall at

Llanfair ynghorwg No. 24

Anglesea

Holyhead

J. J. Williams

G. on a stake in a hedge in the most open part of a garden sloping to S.

Diameter of Gauge, 5 in.

Height above Ground, 5 ft. in.

Above Mean Sea Level, 120 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						4.79	3.66	4.12	5.88		
February - -						1.21	3.61	1.78	2.99	3.33	
March - - -						1.67	2.09	1.62	3.30	2.30	
April - - -						.69	.73	3.44	1.20	2.30	
May - - - -						3.84	1.29	2.39	1.89	4.09	
June - - - -						1.22	3.20	.88	.41	1.17	
July - - - -						2.18	1.10	2.75	.99	1.35	
August - - -						3.02	3.25	2.81	3.36	1.66	
September -						.49	5.69	3.99	2.67	8.01	
October - - -						3.52	3.07	6.39	3.87	3.89	
November -						3.81	3.71	1.69	1.82	3.37	
December -						2.98	3.80	3.59	8.35	3.88	
TOTALS -						36.33	34.99	34.97	41.23		

✓ c ✓ c ✓ c ✓ c ✓ c

Isle of Man

Lat 54.3 N Lon 4.50 W

60

Isle of Man

+ Ground 10.

+ Sea Level

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.19	4.23	5.14	3.85	2.22	2.02	2.93	3.85	3.56	5.04	
February - -	2.67	3.23	1.22	.65	1.22	2.11	2.04	.89	1.62	2.76	
March - - -	2.30	3.31	4.35	1.09	4.44	1.00	1.69	1.53	2.36	.75	
April - - -	.91	1.20	4.98	2.04	2.21	.53	.63	1.54	2.10	2.00	
May - - - -	2.36	.80	2.99	1.69	1.08	2.91	.63	1.15	1.23	no entry	
June - - - -	4.75	3.02	4.48	1.95	1.86	.85	2.59	.36	no entry	.75	
July - - - -	.65	4.45	4.64	.66	.75	1.54	1.68	3.13	do	1.15	
August - - -	3.89	4.34	2.98	3.52	.81	2.18	2.28	1.97	1.63	.20	
September -	.51	5.25	1.24	2.75	2.46	.36	2.26	1.64	.78	4.10	
October - - -	6.38	3.18	4.10	5.20	2.99	2.85	1.43	2.77	no entry	1.92	
November -	2.44	5.55	2.46	2.67	2.89	3.17	3.26	.82	1.95	2.32	
December -	2.30	4.68	3.91	1.80	2.14	2.76	2.22	2.27	3.72	2.85	
TOTALS -	37.35	43.24	42.49	27.87	25.07	22.29	23.64	21.92			

1869 Monach says 'Nil' in May

Isle of Man Ballasally

E 60

Observer Jas Burman Esq.

Mps: Ret. No. 13.

Gauge 8 in diameter ; 2 in + ground ; 100 ft + S Level

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.19	3.03									
February - -	1.88	3.59									
March - - -	3.03	3.76									
April - - -	2.43	1.20									
May - - - -	2.15	.74									
June - - - -	4.97	*									
July - - - -	1.09										
August - - -	4.31										
September -	1.14										
October - - -	5.95										
November - -	2.04										
December - -	1.99										
TOTALS -	37.17										

2 9

Isle of Man Ballasally

E 60

Observer Jas Burman Esq.

Mps. Ret. No. 13.

Gauge 8 in diameter ; 2 in + ground ; 100 ft + S Level

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.19	3.03									
February - -	1.88	3.59									
March - - -	3.03	3.76									
April - - -	2.43	1.20									
May - - - -	2.15	.74									
June - - - -	4.97										
July - - - -	1.09										
August - - -	4.31										
September -	1.14										
October - -	5.95										
November -	2.04										
December -	1.99										
TOTALS -	37.17										

✓ ✓

Douglas Head

L H

J. of man.

6 in

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		5.80	7.00	6.30	4.40	4.40	8.20	4.60	4.80	5.40	
February - -		6.80	2.00	1.20	1.40	4.10	5.20	4.30	3.80	4.61	
March - - -		7.80	4.50	1.50	5.80	2.80	3.40	3.40	5.00	1.60	
April - - - -		1.20	5.00	1.60	2.70	.70	1.30	5.50	1.90	2.32	
May - - - -	2.20	.30	3.70	2.30	1.20	3.80	1.00	2.80	2.00	2.43	
June - - - -	4.10	5.80	2.70	2.40	1.90	.80	2.70	.60	.10	.96	
July - - - -	1.70	5.50	4.00	.50	.90	1.20	2.70	3.10	nil	.36	
August - - -	5.70	6.80	2.80	5.80	2.60	2.70	3.80	3.50	3.80	.99	
September -	2.00	8.30	.90	3.90	4.40	.70	6.70	3.50	1.50	4.15	
October - -	10.60	3.50	5.50	6.30	3.50	4.30	2.90	5.90	2.30	.76	
November -	2.20	8.90	3.20	5.30	4.90	4.60	7.40	.90	1.87	3.42	
December -	2.30	3.20	5.30	3.00	3.90	3.70	7.50	5.50	7.43	4.65	
TOTALS -		63.90	46.60	40.10	37.60	33.80	52.80	43.60	34.50	31.65	

C C C C ✓ C C C C C

1860. Jan: to Apr: "No Return"

RAINFALL AT *Ile of Mann**Dorby Square Douglas*Observer... *P. Kelley*

Rain { By

Gauge {

Diameter... *5*in.Height above Ground, *1*ft. *1*in.Above Mean Sea Level... *9.0*ft.

YEAR.....									1868	1869	MEANS.
January.....										<i>5.71</i>	
February										<i>4.97</i>	
March										<i>1.80</i>	
April.....										<i>3.06</i>	
May										<i>3.59</i>	
June.....										<i>1.05</i>	
July										<i>1.36</i>	
August.....										<i>1.91</i>	
September.....										<i>6.60</i>	
October.....										<i>3.01</i>	
November.....										<i>5.29</i>	
December.....										<i>4.42</i>	
TOTALS										<i>42.77</i>	

*Jan - Apr 1868 at Dorby Square**Gauge in open part over the NE corner within the rails of the square.*

Point of Ayre

Lat 34.24.56 N Lon 4.22.1 W

J. J. Man.

+ Ground 3.4 in

+ Sea Level

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.54	1.45	4.22	3.37	2.14	2.78	3.82	1.70	2.40	4.34	3.196
February - -	1.80	3.89	1.43	1.40	1.31	2.55	2.77	1.15	2.70	3.30	2.230
March - - -	4.85	3.60	2.27	1.81	5.44	1.45	3.00	1.09	3.55	.77	2.783
April - - -	2.21	.67	2.59	1.54	1.50	.24	.44	3.02	1.69	1.78	1.568 -
May - - -	2.00	.55	2.18	1.57	1.63	3.39	1.27	2.67	2.66	2.13	2.005
June - - -	4.25	2.30	2.72	2.31	1.26	.63	2.49	.36	.48	.63	1.743
July - - -	.79	3.88	3.30	.40	1.32	1.01	2.42	4.97	.10	.91	1.910
August - -	3.76	2.93	3.11	3.50	1.36	3.88	2.66	2.90	4.30	1.38	2.978
September -	.73	4.00	1.01	2.74	4.01	.53	4.47	2.26	1.88	4.11	2.574
October - -	5.80	3.32	3.68	5.48	2.87	4.09	1.56	3.78	1.65	1.45	3.368 +
November -	1.53	4.82	1.47	3.83	2.99	3.84	3.86	.56	2.15	4.21	2.926
December -	2.58	3.19	3.75	2.96	2.29	2.76	3.43	2.39	7.29	2.64	3.328
TOTALS -	35.84	34.60	31.73	30.91	28.12	27.15	32.19	26.85	31.05	27.65	30.609

+ C C C C C C C C C C C

Rainfall at Sesby St. Philippe Le Coin
G. Morley

Channel Is do

Cassella

Diameter of Gauge, 5 in. Height above Ground, 1 ft. 3 in. Above Mean Sea Level, 150 ft.

YEAR - -						1866			MEANS.
January - -						# 3.80			
February - -						2.55			
March - - -						2.07			
April - - -						1.78			
May - - - -						1.47			
June - - - -						2.13			
July - - - -						1.51			
August - - -						2.86			
September -						7.91			
October - -						1.23			
November -						2.34			
December -						3.46	x		
TOTALS -						33.11			

J. S. W. corner of the Island

Rainfall at *S. Helier, Jersey*

60

Channel Is_{ds}

A. W. P. Smith

Diameter of Gauge, in.

Height above Ground, *20* ft. in.

Above Mean Sea Level, *50* ft.

YEAR - -	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January - -					<i>2.22</i>						
February - -					<i>2.80</i>						
March - - -					<i>4.25</i>						
April - - -					<i>1.00</i>						
May - - - -					<i>.92</i>						
June - - - -					<i>1.77</i>						
July - - - -					<i>1.33</i>						
August - - -					<i>2.86</i>						
September -					<i>4.50</i>						
October - - -					<i>1.40</i>						
November - -					<i>4.60</i>						
December - -					<i>1.98</i>						
TOTALS -					<i>29.63</i>						

✓C

Rainfall at Jersey St. Helier

W. Parkes

Channel Is^{ds}

Diameter of Gauge, in.

Height above Ground, 12 ft. in.

Above Mean Sea Level, 79 ft.

YEAR - -							1866				MEANS.
January - -							3.59				
February - -							2.74				
March - - -							2.32				
April - - -							1.65				
May - - - -							.88				
June - - - -							2.05				
July - - - -							1.62				
August - - -							3.36				
September -							7.15				
October - - -							.67				
November -							2.47				
December -							3.40				
TOTALS -							31.90				

Top of hall 12 ft higher
 Open situation all round except low of houses
 40 ft from house

Rainfall at *Jersey St. Belias Waverley*

Channel Is^{ds}

Commander Thompson

Negretti

Diameter of Gauge, *8* in. Height above Ground, *9* ft. in. Above Mean Sea Level, *40* ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -							4.38				
February - -							3.63				
March - - -							2.85				
April - - - -							1.45				
May - - - - -							2.59				
June - - - - -							1.54				
July - - - - -							1.44				
August - - -							3.67				
September -							7.23				
October - - -							.94				
November -							2.68				
December -							3.93				
TOTALS -							36.33				

7 in. Centre of Jarrah 60x40

Millbrook Jersey

Channel Is^{do}

Phil Langlois

1st 67 8 68 69

4 in middle of large grass plot for 63

453 63

5 in diam. + ground 0 ft 6 in 64 + Sea Level 30 ft 65

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		.44	1.69	2.62	1.77	7.00	4.11	4.46	3.75	1.97	
February - -	1.25	2.43	.67	.59	2.30	3.31	3.30	2.97	1.28	2.21	
March - - -	2.23	1.73	5.04	2.56	3.56	3.35	2.67	5.15	1.64	2.63	
April - - -	2.12	31	2.07	.99	.73	2.05	1.72	2.00	2.57	2.99	
May - - - -	4.51	...	2.32	1.50	1.37	2.88	1.21	1.65	1.49	3.34	
June - - - -	3.57	...	1.63	2.87	.98	1.51	2.05	1.12	.54	.77	
July - - - -	1.16	...	1.96	1.10	1.65	2.19	1.77	4.56	.34	.42	
August - - -	4.71	.68	.95	2.78	2.63	1.95	3.68	1.66	3.88	.88	
September -	2.78	2.33	2.00	3.30	3.54	.93	7.76	1.07	2.15	3.21	
October - -	3.64	1.80	4.46	3.91	.95	7.47	.82	4.93	3.68	3.16	
November -	2.69	4.97	1.80	2.74	4.52	3.48	2.49	2.69	3.13	3.46	
December -	2.54	1.89	2.25	2.58	1.95	2.92	3.51	2.31	4.42	5.50	
TOTALS -			26.84	27.54	25.95	39.04	35.09	34.57	28.87	30.54	

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Rainfall at *Ganey Jersey*

Rockmount

Comm^d *Josh F. Thompson*

Lehannel Is^{ds}

g. on grass well exposed

6 in 65

Diameter of Gauge, in.

Height above Ground, ft. *4* in.

Above Mean Sea Level, ..*9.0*... ft.

YEAR - -					<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January - -					# <i>1.54</i>	<i>5.70</i>					
February - -					<i>2.49</i>	<i>2.39</i>					
March - - -					<i>3.08</i>	<i>2.23</i>					
April - - -					<i>.54</i>	<i>2.00</i>					
May - - - -					<i>.99</i>	<i>.30</i>					
June - - - -					<i>1.49</i>	<i>.97</i>					
July - - - -					<i>.82</i>	<i>.16</i>					
August - - -					<i>2.55</i>	<i>1.52</i>					
September -					<i>3.22</i>	<i>.02</i>					
October - -					<i>1.16</i>	<i>6.52</i>					
November -					<i>3.64</i>	<i>2.00</i>					
December -					<i>1.33</i>	<i>2.88</i>	*				
TOTALS -					<i>22.85</i>	<i>29.37</i>					

✓ (

Guernsey

Lehannel Is^{ls}

Dr. Hoskins F.R.S.

4. funnel copper on apex of conical roofed building in large garden
 12 in. + ground 12 ft + Sea Level 200 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	6.60	1.24	2.31	3.81	2.51	7.77	7.91	5.48	4.09	3.86	4.558	+
February - -	2.10	3.48	1.00	1.09	2.06	4.21	5.78	2.21	1.33	3.14	2.640	
March - - -	2.20	3.35	5.73	2.69	4.69	2.86	2.49	6.44	1.81	2.85	3.511	
April - - -	2.50	.37	1.48	.85	.96	2.04	2.17	2.07	2.92	2.21	1.757	
May - - - -	4.00	1.65	2.36	2.87	.82	2.69	2.46	2.23	2.48	4.62	2.618	
June - - - -	5.00	2.49	1.95	2.77	2.49	.44	1.61	.83	.43	1.24	1.925	
July - - - -	1.70	2.68	1.86	1.22	1.08	2.16	1.63	4.18	.39	.12	1.702	-
August - - -	6.00	.85	1.13	2.66	2.57	3.46	3.76	1.06	3.84	.63	2.596	
September -	3.80	3.66	1.27	4.49	4.33	.25	9.39	3.91	2.04	3.03	3.617	
October - -	3.30	1.19	6.89	5.22	1.50	9.05	1.29	4.29	4.28	2.74	3.975	
November -	4.20	7.83	3.76	4.15	7.00	6.49	2.70	.89	2.49	3.23	4.274	
December -	6.60	2.43	2.76	2.98	2.65	1.93	3.23	3.48	8.66	5.32	4.004	
TOTALS -	48.00	31.22	32.50	34.80	32.66	43.35	44.42	37.07	34.76	32.99	37.177	

+ c e e e e e e e e e e e

1868 = 34.763 or 0.953 below the average

Rainfall at Guernsey
W. L. Lincoln Bottom Lat: 49 27 30 N
Long 2 32 W

Channel Is ^{Is}

Diameter of Gauge, 5 in. Height above Ground, 2 ft. Above Mean Sea Level, 200 ft.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -							5.52				
February- -							3.66				
March - - -							2.20				
April- - - -							1.80				
May - - - -							2.16				
June - - - -							1.40				
July - - - -							1.66				
August - - -							2.48				
September -							9.20				
October - -							1.26				
November -							2.81				
December -							3.71				
TOTALS -							37.86				

C

Rainfall at Guernsey Grange Road

Channel Is $\frac{ds}{2}$

J L Mansell M.D.

174 69

Diameter of Gauge, 5 in.

Height above Ground, 1 ft. 3 in.

Above Mean Sea Level, 150 ft.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -							[#] 7.20	4.81	4.13	4.00	
February- -							5.22	2.37	.96	3.55	
March - - -							2.49	5.83	2.46	2.78	
April- - - -							2.19	2.29	2.70	2.19	
May - - - -							2.39	2.22	2.48	4.69	
June- - - -							2.04	.88	.50	1.34	
July - - - -							1.96	5.00	.70	.15	
August- - -							3.80	1.55	4.33	.89	
September -							9.17	3.88	2.07	3.90	
October - -							1.32	4.45	4.67	3.10	
November -							2.88	.86	2.46	3.95	
December -							3.84	3.50	8.75	5.40	
TOTALS -							44.50	37.72	36.21	35.98	

C C C C

In open space in garden

Rainfall at Alderney

Lat 49°43'18"N Lon 2°12'6"W

St. Helier Is. ds

James May Esq. & Co.
12 in □ + ground 10 ft

+ sea level 48 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.61	.95	1.92	3.80	1.27	3.59	5.10	4.09	3.12	3.06	3.257
February - -	1.62	2.11	1.05	1.14	1.66	2.22	5.24	1.82	1.13	2.48	2.047
March - - -	2.58	2.67	5.00	1.58	2.82	1.68	1.82	3.98	1.22	2.92	2.627
April - - - -	1.83	.73	1.00	.51	.58	1.76	1.90	1.65	2.02	1.75	1.373
May - - - - -	3.72	1.76	1.98	1.77	1.02	1.86	1.55	1.40	2.52	4.35	2.193
June - - - - -	4.15	2.57	1.34	2.63	.76	2.68	.80	.65	.75	1.18	1.751
July - - - - -	1.42	2.82	1.09	.53	.43	1.52	.61	3.47	.32	.27	1.250 -
August - - -	5.01	.85	.69	2.12	1.62	1.95	2.68	1.27	4.47	.32	2.098
September -	4.00	1.92	1.17	2.63	2.81	.02	6.66	2.50	2.34	3.39	2.744
October - - -	3.05	1.69	4.60	3.39	.86	7.34	1.46	3.38	4.38	2.90	3.305 +
November -	3.25	5.23	1.35	1.95	4.12	3.69	1.42	1.34	1.52	3.04	2.691
December -	5.12	1.69	2.02	2.78	2.61	2.26	3.00	1.68	5.85	5.93	3.294
TOTALS -	41.36	24.99	23.21	24.85	20.56	30.57	32.24	27.23	29.64	31.59	28.624
	+	C	C	C	-	C	C	C	C	C	

Average 1851 to 1868 both included is 28.47
1867 Sept 9th 1.25 in in one hour

Rainfall at *Sark**Channel Is.**Rev. T. L. V. Gachemaille*Diameter of Gauge, *5* in.Height above Ground, *1* ft. *3* in.Above Mean Sea Level, *340* ft.

YEAR - -						1865	1866	1867	1868	1869	MEANS.
January - -							3.48	4.38	3.32	2.78	
February - -							3.64	1.87	1.24	1.91	
March - - -							1.96	4.70	1.24	2.61	
April - - - -							2.00	2.08	2.23	1.93	
May - - - - -							1.51	1.57	1.79	4.34	
June - - - - -							1.50	.73	.43	1.48	
July - - - - -							1.54	5.74	.61	.26	
August - - - -							2.70	1.26	3.28	.49	
September - -						# .35	7.20	.94	2.66	2.91	
October - - -						8.53	.88	4.04	3.61	2.31	
November - -						5.09	2.12	1.39	2.24	2.64	
December - -						1.81	2.73	1.98	5.73	4.92	
TOTALS -							31.26	30.68	28.38	28.58	

C C C C C