

London

Reg. Socy

Somerset House.

43

00

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	2.46	1.23	.15	1.54	1.67	1.51	1.84	.49	1.06	3.23	
February - -	.26	.54	1.50	.74	1.34	1.05	.54	1.11	.71	1.60	
March - - -	.31	1.11	.40	.45	1.54	.88	1.33	.19	.17	.74	
April - - -	2.88	.38	.99	1.09	1.60	1.58	.24	.45	1.65	2.97	
May - - -	1.09	1.51	1.20	1.69	1.25	.85	1.02	2.87	1.12	.81	
June - - -	1.00	.79	1.86	3.36	.52	3.31	.50	1.35	.64	1.11	
July - - -	0.00	3.52	2.81	1.37	3.71	2.17	4.89	.34	2.46	2.76	
August - -	1.47	1.57	.52	.76	2.80	3.54	2.09	1.76	1.21	1.43	
September -	2.71	1.26	.67	.92	.00	1.53	1.92	1.94	3.78	2.50	
October - -	1.28	1.47	1.64	.47	2.05	1.38	.79	.77	3.20	.14	
November -	3.80	3.30	1.01	2.44	3.99	.80	2.55	2.46	1.75	1.09	
December -	1.67	2.52	1.20	3.09	.50	1.80	2.72	.48	.73	2.33	
TOTALS -	18.93	19.20	13.95	17.92	20.77	20.40	20.43	14.21	18.48	20.71	18.520

London

Rainfall at Temple Bar.

Y6

00

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	2.66	1.11	.23	1.66	1.81	1.63	1.98	.53	1.14		
February - -	.19	.59	1.62	.81	1.47	1.13	.58	1.19	.78		
March - - -	.32	1.19	.43	.48	1.66	.95	1.43	.43	.19		
April - - -	3.11	.41	1.08	1.18	1.73	1.71	.27	.48	1.78		
May - - - -	1.17	1.74	1.28	1.81	1.35	.92	1.11	3.09	1.21		
June - - - -	1.07	.86	2.01	3.61	.57	3.57	.55	1.46	.70		
July - - - -	.00	3.81	3.04	1.47	3.99	2.34	5.30	.36	2.66		
August - - -	1.58	1.69	.56	.81	3.02	3.81	2.25	1.91	1.34		
September -	2.92	1.37	.73	.99	.07	1.64	2.08	2.09	4.08		
October - -	1.39	1.59	1.77	.51	2.21	1.49	.86	.83	3.46		
November -	4.09	3.33	1.09	2.63	4.32	.86	2.75	2.65	1.88		
December -	1.81	2.72	1.28	3.31	.55	1.94	2.95	.52	.79		
TOTALS -	20.31	20.41	15.12	19.27	22.75	21.99	22.11	15.54	20.01		

*18.30 20.60
* From Total book.

Rainfall at London

Y126

00

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -			1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -			.80				2.66	.64	1.52	2.91	
February - -			1.34				.86	1.48	1.12	1.86	
March - - -			.36				2.22	.50	.20	.94	
April - - -			1.16				.72	1.02	2.42	3.46	
May - - - -			1.46				1.44	3.26	1.58	.86	
June - - - -			2.28				.64	1.74	.78	1.20	
July - - - -			3.42				5.56	.38	3.22	3.58	
August - - -			.44				2.60	1.94	.96	2.64	
September -			.82				2.72	2.18	4.18	2.90	
October - -			1.80				1.02	.94	3.82	.22	
November -			1.48				3.64	3.36	2.18	1.38	
December -			1.58				3.76	.76	1.00	3.00	
TOTALS -	23	22½	16.22	22½	26	25½	24.84	18.20	22.98	24.95	

1798 1/2
99 23½

1807. The pencil entries were taken from Gutterman, May. Vol. 78 (1808)
presumably refer to the same vend. es. 21 x 12

RAINFALL AT *Sandyates*
n. Chertsey Surrey

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

YEAR	1800	1801	1802	1803	1804	1805	1806			MEANS.
January							2.85			
February							1.12			
March							2.09			
April .....							.82			
May .....							.82			
June .....							.82			
July							3.92			
August							1.55			
September ...							2.24			
October							1.28			
November ...							4.44			
December							4.01			
TOTALS.....							25.96			

C

MET. OR RAINFALL
RETROSPECTIVE DATE REVIEW

280007

NGR: TQ(51) 034660

ALT: 60 ft = 18 metres. Date of review: 27-7-78.

RAINFALL AT *Goodwood Gardens*

Lat.

Lon.

County of *Sussex*

Rain Gauge, by

Observer

Diameter											
Height											
Altitude											
Year	18 ⁰⁰	18 ⁰¹	18 ⁰²	18 ⁰³	18 ⁰⁴	18 ⁰⁵	18 ⁰⁶	18 ⁰⁷	18 ⁰⁸	18 ⁰⁹	MEANS.
January	3.64		1.09	1.80	3.46	28	1.62				
February	10		1.85	.47	1.48	1.16	.87				
March	1.44		.79	.10	1.52	1.10	1.47				
April	2.66		.23	1.42	.31	2.02	.28				
May	2.44		1.97	.46	.66	.55	.97				
June	1.71		3.06	3.26	.07	2.36	.93				
July .....	.02		2.57	.06	3.34	1.60	3.50				
August	1.92		.55	.32	1.88	1.08	1.12				
September....	3.74		1.04	.28	.00	2.53	2.03				
October	2.83		2.57	.80	2.55	1.71	2.32				
November	4.42		1.76	4.71	5.18	1.11	2.19				
December	2.47		1.86	5.24	.88	2.95	3.41				
TOTALS	27.39		19.34	18.92	21.33	18.45	20.71				

Copied from original records presented to Meteorological Office
by His Grace the Duke of Richmond and Gordon. Enc 8^A f 740072/27.

MET. O. 8 RAINMASTER
RETROSPECTIVE

320411

NGR: 54(41) 886088

ALT: 165 ft = 50 metres. Date of review: 28-7-78.

Rainfall at *Chichester*

Y139

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	.99					2.41	3.04	8.44	
February - -	2.66					2.44	.90	4.31	
March - - -	.81					.23	1.42	.00	
April - - -	.70					.00	2.67	3.95	
May - - - -	2.37					5.47	1.72	1.07	
June - - - -	2.27					.56	1.51	2.38	
July - - - -	2.82				3.54	1.62	5.67	3.45	
August - - -	.89				2.47	3.13	2.69	3.70	
September -	1.38				2.67	3.22	4.87	3.34	
October - -	2.60				3.07	2.48	6.41	.60	
November -	1.75				4.80	7.54	2.92	1.30	
December -	2.05				6.20	.83	2.80	5.53	
TOTALS -	30 $\frac{1}{2}$	21.29	26 $\frac{3}{4}$	—	25 $\frac{1}{2}$	—	29.93	36.62	38.07

1807 The pencil figures were taken from the Gentlemen's Mag Vol 78 (1808)
 presumably refer to the same record. ed. 21-x-12

RAINFALL AT Cambridge

439

00

Cambs.

Rain } By
Gauge }
Diameter.....in. Height above Ground, ft. in. Above Mean Sea Level, ft.

ouse-2.

YEAR	1800	1801	1802								MEANS.
January .....			.94								
February			1.91								
March .....			.49								
April			1.37								
May			2.39								
June			1.89								
July			1.97								
August .....			.77								
September ...			.54								
October			1.34								
November ...			1.08								
December			1.82								
TOTALS			16.57								

C
Blanchard

Y160

Plaistow

Essex.

Luke Howard Esq

43 ft + ground

Rodding - 2

YEAR - -							1806	1807	1808	1809	MEANS.
January - -								.48	1.08	3.83	
February - -								.95	.68	1.08	
March - - -								.62	.21	.41	
April - - - -								.21	1.56	2.93	
May - - - -								2.96	1.40	.73	
June - - - -								1.44	.83		
July - - - -								.31	3.37		
August - - -								1.54	2.24		
September -								1.47	2.51		
October - -								1.17	3.07		
November -								2.83	1.57		
December -							2.09	.35	.65		
TOTALS -								14.33	19.17		

C C C C

MET. O. 8 RAINMASTER
RETROSPECTIVE DATE REV.

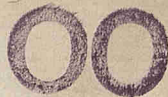
245450

NGR: TQ(SI) 405826

ALT: 20 ft = 6 metres, Date of review: 28-7-78

245408

Y140a



RAINFALL AT Stratford Laboratory N^o 1
Essex.

Observer Mr. J. Gibson probably for Luke Howard Esq

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

Sea - 1.

YEAR.....											1809	MEANS.
January.....												
February.....												
March.....												
April.....												
May.....												
June.....												
July.....												
August.....												
September.....											2.11	
October.....											.18	
November.....											1.38	
December.....											1.52	
TOTALS												

imp D.

From "Repository of Arts" lent by Mr. C. J. P. Cave, 1908.
Entered 15. II. 1909.

MET. O. S. RAINFALL
RETROS. CL. IV

245408

NGR: TQ (51) 389843

ALT: 20 ft = 6

metres. Date of review

3-7-78.

RAINFALL AT *Dips*
Norfolk

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

Year-1.

YEAR	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January .....			.68				2.37	1.37			
February			2.03				1.28	1.60			
March .....			.24				1.94	1.36			
April .....			.91				1.75	.81			
May			2.07				.35	3.47			
June			1.49				.76	1.92			
July			2.24				2.57	1.54			
August .....			.29				3.40	1.64			
September ...			.24				4.62	2.17			
October			1.64				1.48	.90			
November ...			.86				2.49	2.27			
December			2.19				2.50	1.06			
TOTALS			14.88				25.57	20.17			

1807 from gentlemen's mag Vol 78 (1808) recd 1-10

MET. OR. RAIN-GAUGE
RETROSPECTIVE SITE NO.

209569

NGR: TM(62) 115800

95 ft = 29 metres. Date of review: 31-7-78

4/163

00

RAINFALL AT Stonehouse
Wymouth

Devonshire

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Yamas and C-2

YEAR	1800	1801	1802							MEANS.
January			2.56							
February			1.73							
March			1.11							
April .....			.72							
May			2.55							
June			2.52							
July			3.60							
August			3.14							
September ...			.99							
October			3.73							
November ...			4.26							
December			3.84							
TOTALS.....			30.75							

Blanchard

Mrs. Britton (Shorbury) has forwarded a total of 35.5 ins for 1800
extracted from "Chronology from Public Events -- from 1775 to
1825".

XII/38.

MET. OFF. RAIN. GAGE
RETROS.

369137

NGR: SX(20) 463539

ALT: 20 ft = 6 metres. Date of review: 31-7-78

RAINFALL AT Exeter

Y143a

00

Devonshire

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Exc-6.

YEAR	1800	1801	1802							MEANS.
January .....			.98							
February			2.29							
March			1.00							
April .....			.85							
May			1.92							
June.....			1.61							
July			1.59							
August.....			1.25							
September ...			.99							
October			4.33							
November ...			4.12							
December.....			3.87							
TOTALS.....			24.80							

✓

13/10/38

Mrs. Britton (Sharbury) has forwarded a total of 24.5 ins for 1800 extracted from "Chronology of Public Events - - - from 1775 to 1825".

X11/38

Bristol St James Square

gloucester.

St J Pole

Lower Avon - 5.

YEAR - -	1803	1804	1805	1806	1807	1808	MEANS.
January - -	2.29	4.43	2.44	5.27	2.28	1.05	
February - -	2.27	2.48	2.30	2.14	2.15	.53	
March - - -	.48	1.80	.98	1.67	.34	.35	
April - - - -	1.80	2.27	2.78	1.29	.49	5.37	
May - - - -	2.55	2.75	1.43	1.50	5.82	2.99	
June - - - -	3.15	.25	2.58	1.32	.15	1.75	1.75
July - - - -	.94	3.78	2.60	3.87	4.21	2.76	1.67
August - - -	1.81	2.26	2.22	4.27	2.55	3.06	4.58
September -	1.56	.28	1.59	1.81	3.69	4.36	4.16
October - -	.55	2.80*	1.94	1.49	2.14	5.26	.08
November -	3.80	5.44	1.32	3.36	5.44	3.08	1.54
December -	6.19	1.45	3.73	6.39	2.05	1.52	
TOTALS -	27.39	29.99	26.01	34.38	31.31	32.08	see next sheet

29.77 25.91
C C C C C C

1800 October 2.80 in first May 1811

* Cor'd by Luke Howard MS. (per Marriott) 15.1.16

MET. G. B. RAINMASTER
RETROSPECTIVE

418359

NGR: ST(31) 589734

ALT: 40 ft = 12 metres. Date of review 31-7-78

418359
Y144 10

15 JAN 1916

RAINFALL at Bristol (St James's Square)

County of Gloucestershire

Observer D. Y. Pole

River Basin Lower Avon - 5.

Rain Gauge, by _____

Diameter ...											
Height											
Altitude ...					1804	1805	1806	1807	1808	1809	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					1.43	2.41	5.87 ²	2.28	1.05	4.12	
February ...					2.18	2.30	2.14	2.15	5.1 ³	3.26	
March					1.80	.98	1.67	.34	.35	1.27	
April					2.27	2.78	1.29	4.9	5.37	3.75	
May					2.75	1.43	1.50	5.82	2.99	1.45	
June .....					.25	2.58	1.32	.15	1.75	1.75	
July					3.78	2.60	3.87	4.21	2.76	1.07	
August					2.26	2.22	4.27	2.55	3.06	4.38	
September ..					.28	1.59	1.81	3.69	4.36	4.16	
October ...					2.80	1.94	1.49	2.14	5.26	.08	
November ..					5.44	1.32	3.36	5.44	3.08	1.64	
December...					1.45	3.73	6.39	2.05	1.52	2.68	
TOTALS ...					29.77	26.01	34.38	31.31	32.08	29.51	

29.99 25.91 35.08 32.14

Extracted from Luke Howard's MS journals, by W. Marriott 1.16.

MET. O. & RAIN. G. STATION
RETROS. 31.12.1915
418359

NGR: ST(31)589734
RLV: 40 ft = 12 metres. Date of review 31-7-78.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL AT

Clifton

Gloucestershire

Y.M.

00

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Lower Avon - 5.

YEAR	1800	1801	1802								MEANS.
January			1.03								
February			1.76								
March .....			.44								
April .....			.53								
May			2.35								
June			1.17								
July			3.60								
August			1.10								
September ...			.51								
October			3.02								
November ...			2.87								
December			3.03								
TOTALS			21.41								

C

13/1/1802

RAINFALL AT *Shroud*

Y59



Gloucester.

Observer.....

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

Severn, L Bank - 3.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....	5.32 (3.74)	1.57	2.56	5.81	2.67	5.89 (2.25)	.92	(5.55)			
February.....	.83	2.04	3.59	1.57	1.38	1.75	2.19	1.51	1.26	4.04	
March.....	2.06	4.55	.71	.56	2.32	.76	2.02	.36	.37	(1.69)	
April.....	(4.07)	.64	.84	1.50	2.43	3.08	.81	.42	(4.39)	4.38	
May.....	2.86	3.89	2.59	1.93	2.64	2.38	1.35	4.94	3.07	2.77	
June.....	1.09	1.67	2.35	2.89	.31	1.68	.95	1.97	1.44	1.99	
July.....	.14	3.49	4.29	.56	3.39	1.89	2.60	3.52	(3.80)	(2.53)	
August.....	(2.18)	(1.71)	.58	1.29	1.90	2.81	(2.96)	1.64	1.22	4.80	
September.....	1.88	2.40	.88	(1.46)	.04	2.06	1.25	2.58	2.44	4.21	
October.....	2.90	3.42	4.33	.71	3.22	2.00	1.11	(1.90)	4.21	.19	
November.....	(6.72)	(4.36)	2.56	4.27	5.23	.96	2.98	(5.59)	2.79	1.72	
December.....	4.04	3.56	2.90	(6.25)	2.16	2.22	4.68	2.40	1.82	4.45	
TOTALS	36.09	35.67	27.19	25.55	30.83	24.26	(28.79)	25.08	27.73	38.32	

1800 April "New receiver" overflowed

" Aug. " "

" Nov. " "

1801 Jan " "

" Aug. gauge "new full" ? overflowed

" Nov. " overflowed

1803 Sept 20th " " slightly, Vrest day uncertain what fell.

" Dec. " "

1806 Aug. " "

1807 Jan. " "

" Oct. (?) " "

" Nov. " "

1808 April " " ; ditto July.

1809 Jan. R. of 25th lost, probably an inch - not recorded.

1809 Mar. gauge overflowed; ditto July

Y146

RAINFALL AT Soho Birmingham~~Stafford~~ Warwickshire.Observer James Watt

Rain { By

Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1800	1801	1802	1803	1804	1805					MEANS.
January.....		1.90	1.01	2.10	2.97	3.26					
February		1.41	3.20	1.67	1.04	.99					
March		4.27	.52	.86	2.13	1.11					
April .....		.74	1.10	1.43	1.63	2.75					
May		2.08	1.86	1.46	1.61	3.86					
June		2.00	2.11	3.36	.90	2.33					
July.....		3.66	3.52	.44	2.82	2.02					
August.....		1.98	1.93	1.14	1.99	2.40					
September		4.90	.35	1.21	.32	1.72					
October		2.42	2.81	.54	4.01	1.56					
November		3.18	1.80	3.81	3.11	.59					
December.....		2.49	2.23	5.27	1.90	1.85					
TOTALS.....		31.03	22.44	23.29	24.43	24.44					

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1801 - 5 from MS register returned to Sir F. Bramwell

RAINFALL AT South Kyme

Lincolnshire.

Observer.....

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Witham - 3.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....	3.57	1.97	.37	2.37	2.62	2.17	2.86	.93	1.42	4.92	
February .....	.48	.63	2.07	1.10	2.21	1.71	.93	1.23	1.34	1.97	
March.....	.43	1.45	.63	.54	2.13	1.34	1.41	.78	.50	.70	
April.....	3.73	.58	1.14	2.32	1.94	2.09	.62	.42	2.60	3.68	
May	1.41	1.96	1.23	3.58	1.37	1.16	1.45	2.56	1.97	1.27	
June.....	.99	.94	1.98	1.53	.68	3.34	.63	1.76	1.46	.91	
July .....	.56	3.62	2.96	.62	3.49	2.39	4.95	.87	3.46	2.53	
August.....	1.42	1.87	.73	.67	2.91	3.96	2.11	1.34	2.42	2.32	
September.....	3.14	1.69	.97	1.47	.43	1.65	1.97	1.68	3.36	2.01	
October.....	1.57	1.53	2.21	.73	2.57	1.57	.86	1.21	4.05	.43	
November.....	4.93	4.88	1.67	3.01	5.13	1.26	3.41	3.87	2.69	2.20	
December.....	2.57	3.45	1.84	4.16	.86	2.02	3.50	3.11	.86	1.98	
TOTALS	24.80	24.57	17.80	22.10	26.34	24.66	24.70	19.76	26.13	24.92	23.578

19.66

Situation of gauge unknown the amounts were entered by the Rev H. S. Vencable at the beginning of his register he was born in 1800

These records were also forwarded by F. H. M. Lowe (through Cromwell) when they were thought to be made by the Vicar of Kyme Manor, S. Kyme (near Old Town) about 7 mi. E of Sleaford.

xi.3b

MET. STATION RAINMASTER
METROLOGICAL SERVICE LTD.

146637

REG: TF(53) 169496

DATE 15 OCT 5 METROS. DATE OF REVIEW 2-8-78

145884

00

Rainfall at *Horncastle* (Line.)*Lincoln*

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Witham - 3.

YEAR - -							1806	1807	1808	1809	MEANS.
January - -							3.49	1.50	.93	3.50	
February - -							1.35	2.77	.77	2.59	
March - - -							2.25	1.69	.42	.82	
April - - -							1.80	2.36	3.58	2.10	
May - - - -							.60	2.80	1.65	1.59	
June - - - -							1.40	2.52	1.18	2.24	
July - - - -							3.37	2.25	2.50	2.87	
August - - -							2.10	1.27	1.69	4.53	
September -							1.86	1.45	1.53	3.90	
October - - -							2.40	1.78	2.77	.75	
November - -							3.50	3.83	3.20	1.70	
December - -							2.73	.91	4.10	1.79	
TOTALS -							26.85	25.13	24.32	28.38	

1807 From Gentlemen's Mag. Vol 78, 1808, need II. 10 end. 20. x. 12

MET. O. B. RAIN. G. G. T. F.
REI. A. S. P. E. C. T. I. V.

145884

NGR: TF(53) 260696

ALT: 95 ft = 29 metres. Date of review 2-8-78

RAINFALL AT Lincoln

5148a

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

Wicham - 3.

YEAR	1800	1801	1802	1803	1804	1805	1806			MEANS.
January .....			.32							
February			2.40							
March .....			.25							
April			1.50				.90			
May			1.50				1.40			
June			2.60				1.71			
July			2.50				1.82			
August			1.74				1.63			
September ...			.00				2.58			
October			2.00				1.34			
November ...			1.80				3.59			
December			2.70				3.18			
TOTALS			19.31							

Mrs. Britta (Steebunpress) has forwarded a total of 24.11 ins for 1800, estimated from the "Chronology of Public Events - - from 1775 to 1825"

Rainfall at Nottingham

470

00

Notts.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Trent, L. bank - 5.

YEAR - -							1806	1807	1808	1809	MEANS.
January - -							2.80	.73	1.40	1.80	
February - -							1.10	1.23	.54	1.69	
March - - -							1.74	.73	.58	.75	
April - - -							.88	.94	3.85	2.15	
May - - - -							1.50	5.08	1.94	1.80	
June - - - -							1.95	3.00	2.32	2.45	
July - - - -							3.24	2.55	2.10	1.44	
August - - -							2.53	1.40	.91	4.50	
September -							1.70	1.70	2.37	3.13	
October - -							1.10	1.70	2.57	.31	
November -							2.75	3.33	2.18	1.18	
December -							4.26	.93	1.80	1.81	
TOTALS -	27	26½	21	17	23½	22⅛	2556	2332	2256	23.01	23.16

$$1798 = 22 \text{ } ^{50} \text{ } ^{50} \text{ } ^{12}$$

$$99 = 28 \frac{1}{2} \text{ } ^{50} \text{ } ^{12}$$

1807 from Gentlemans Mag. Vol 78, 1808 recd. 11.1910 ent. 20.x.12

123562

Y100

00

RAINFALL AT Mansfield WoodhouseNorthObserver H. Rooke

from Rooke's Met. Joun.

Rain { By.....

Gauge {

Diameter.....in.

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

Above Mean Sea Level ft.

Inst. Lbank- 5.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....	1.84	.45	.30	1.25	3.50	2.30					
February.....	1.36	1.80	2.55	1.70	.90	1.70					
March.....	.85	2.47	.30	1.10	3.50	1.20					
April.....	2.57	1.15	.70	1.60	2.45	2.45					
May.....	2.54	2.90	1.50	1.05	2.10	1.90					
June.....	.80	.40	2.80	3.45	.93	1.70					
July.....	.13	3.25	3.90	.70	3.00	2.20					
August.....	3.24	.35	2.33	1.75	1.30	1.82					
September.....	4.10	7.80	.45	1.00	.25	2.85					
October.....	2.55	2.70	2.34	1.10	4.50	1.20					
November.....	3.90	2.50	2.10	3.20	2.70	.30					
December.....	2.16	1.10	1.75	5.30	1.20	1.80					
TOTALS.....	26.04	26.87	21.02	23.20	26.33	21.42					

MET O & RAINMASTER
RETROSPECTIVE SITE NO.

123562

NGR: SK(43)540631

ALT: 300 ft = 91 metres. Date of review: 2-8-78.

METEOROLOGICAL OFFICE,

RAINFALL ~~1961-1970~~ 1800 —

Station WELBECK (ABBAY) No. _____
 County Notts (Old No. _____)
 Authority Duke of Portland Estates Grid Ref. Altitude 516(43) 5674
 Altitude _____ ft.
 River Basin Trent
E. Bank 5
 File _____ TF _____ / MWR / m / a Tributary _____

	1961 1800	1962 1801	1963 1802	1964 1803	1965 1804	1966 1805	1967 1806	1968 1807	1969 1808	1970 1809	Means
January ...							4.00	0.69	0.70	4.44	
February ...							#	1.50	0.80	1.98	
March ...							1.71	1.50	0.63	0.69	
April ...							0.68	1.28	3.31	2.09	
May ...							2.17	3.87	2.95	1.71	
June ...							1.85	2.49	1.30	1.40	
July ...							2.77	2.32	2.55	3.62	
August ...							2.75	2.45	1.00	5.37	
September ...							1.93	2.24	3.11	2.97	
October ...							1.64	1.70	2.53	0.58	
November ...							3.60	5.00	2.73	2.12	
December ...							3.88	1.20	2.45	1.96	
TOTAL ...							26.48	26.24	24.06	28.93	
Percentage ...											

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.
 1916-1950 in.
 in.

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Jan. 1967. Figures obtained by Prof. Gordon Manly, from British Museum
 manuscripts 16882-887.

In 1860's 5" gauge + 4 ft above G.L.
 1876

Earliest year with complete data (D : W : M).....

*NOTES on years with incomplete or unsatisfactory data:-

Note: It was the general practice to visit the gauge after rain, not every
 morning. Hence a small evaporation loss.

MET.O.B. RAINMASTER
 RETROSPECTIVE SITE TEST

124109

NGR: 8K(43) 564 743

ALT 170 ft = 52 metres. Date of review 3-8-78

*Each note to be dated. Continue notes overleaf if necessary.

METEOROLOGICAL OFFICE,

RAINFALL 1961-1970

1810—

Station WELBECK (ABBEY) No. _____
County Notts (Old No. _____)
Authority Duke of Portland Estates Grid Ref. Approx SK(43)5624
Altitude _____ ft.
River Basin Trent
L. bank S
File _____ TF _____ / MWR / m / a Tributary _____

	1961 1810	1962 1811	1963 1812	1964 1813	1965 1814	1966 1815	1967 1816	1968 1817	1969 1818	1970 1819	Means
January ...	0.86	1.43	1.69	1.16	1.79	0.61	2.52	0.98	2.57	2.32	
February ...	1.69	1.35	2.93	2.73	0.75	1.83	0.49	1.46	0.86	2.48	
March ...	2.67	1.62	4.98	0.94	1.02	1.88	1.23	0.55	3.08	1.22	
April ...	1.64	1.26	1.22	1.42	2.94	1.74	3.57	0.34	5.75	2.01	
May ...	3.00	4.13	2.60	3.24	1.28	1.18	1.88	2.83	1.41	2.90	
June ...	0.97	1.00	2.13	1.60	2.20	1.85	1.27	3.27	0.94	2.82	
July ...	4.02	3.37	1.93	2.04	2.28	0.89	3.52	5.60	2.33	1.49	
August ...	3.59	0.93	2.67	0.93	1.71	2.89	2.94	4.05	0.67	0.68	
September ...	0.44	2.03	1.34	2.16	1.40	1.84	1.36	0.65	3.62	1.52	
October ...	1.61	2.82	4.35	5.05	3.32	1.69	3.61	1.25	1.18	1.76	
November ...	5.91	2.15	1.80	1.76	1.14	1.34	1.51	1.80	3.36	1.37	
December ...	2.85	2.04	1.26	1.48	2.76	2.15	2.63	3.05	0.66	2.93	
TOTAL ...	29.25	24.13	28.90	24.51	22.59	19.98	26.53	25.83	26.43	23.50	
Percentage ...						19.89					

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.
1916-1950 in.
..... in.

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Jan 1967. Figures obtained by Prof. Gordon Manley from British Museum manuscripts 16882-887.

Earliest year with complete data (D : W : M)

*NOTES on years with incomplete or unsatisfactory data:-

1815 looks a little low.

Note: It was the general practice to visit the gauge after rain, not every morning. Hence a small evaporation loss.

MET. O.B. RAINWATER
RETROSPECTIVE SITE REVIEW

124109

NGR: SK(43)564743

*Each note to be dated. Continue notes overleaf if necessary.

170 ft = 52 metres. Date of review 3-8-78

Rainfall at Derby

173

00

Derby.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

serment - 6.

YEAR - -											1809	MEANS.
January - -											2.50	
February - -											1.96	
March - - -											.87	
April - - - -											1.99	
May - - - - -											2.36	
June - - - - -											1.94	
July - - - - -											1.47	
August - - -											3.66	
September -											3.32	
October - - -											.33	
November -											1.18	
December -											1.93	
TOTALS -											23.51	

c

Rainfall at Chatsworth

Derby.

All Rainfalls

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Servent - 6.

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	4.10	2.04	1.81	2.50	4.91	4.25	3.96	1.40	1.39	5.22	
February - -	.52	1.44	2.50	2.11	.79	2.22	2.54	1.79	1.35	3.29	
March - - -	1.71	.29	.31	1.48	2.89	1.02	2.05	.44	.37	.44	
April - - - -	2.84	2.80	.94	1.73	2.26	2.83	.73	.67	2.57	1.70	
May - - - - -	1.67	.47	.99	1.11	1.62	1.82	1.52	5.26	1.68	1.83	
June - - - - -	.62	2.64	2.42	2.44	1.50	1.31	2.05	2.81	3.25	2.06	
July - - - - -	.15	3.51	3.22	1.53	3.12	1.14	2.53	2.26	3.71	2.00	
August - - -	.95	.53	1.40	.71	2.26	2.45	2.42	1.57	2.13	4.38	
September -	5.78	5.57	.97	.80	.00	1.51	1.78	1.27	3.80	4.13	
October - - -	3.64	2.62	3.95	1.35	3.73	1.57	1.52	3.13	3.98	.28	
November - -	2.76	3.21	1.98	3.01	3.15	.25	4.05	1.18	2.60	1.91	
December - -	2.30	3.18	2.85	5.43	1.62	1.81	4.90	2.67	1.98	2.67	
TOTALS -	27.04	28.34	23.34	24.27	27.80	22.23	30.08	26.37	28.81	29.91	26.632

1800, 1, 2, 3, 4+5 from Rookes Met. register the third place of decimals is omitted in the months but taken account of in the totals

1807 Pencil figures from Gentlemen's Mag (Vol 76, 1808) & Annals
refer to the same record as 21-X-12

Mrs. Britton (Sheffield) has forwarded a total of 26.73 ins for 1800
extracted from the 'Chronology of Public Events.... from 1775 to 1825'

XII/38

MET. O. B. RAINFALL
RETROSPECTIVE

107386

NGR: SK(43) 263704

ALT: 455 ft = 139

metres. Date of review: 20-7-78.

Y78a

Rainfall at Liverpool

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

YEAR - -		1802	1803	1804						MEANS.
January - -		3.00	1.95	3.20						
February - -		2.75	1.80	.99						
March - - -		.75	1.25	2.50						
April - - -		2.25	1.75	1.75						
May - - - -		1.64	1.70	3.00						
June - - - -		2.50	3.28	1.22						
July - - - -		6.10	1.54	1.90						
August - - -		3.50	1.88	2.35						
September -		1.75	1.60	1.67						
October - -		4.90	.82	5.90						
November -		1.70	3.25	3.00						
December -		2.70	4.60	2.40						
TOTALS -		33.54	25.42	29.88						

c c c

2-4 Ed: Farmers May

Walton

478

00

W. Liverpool

J. Holt

YEAR - -	1800	1801									MEANS.
January - -	2.52	1.62									
February - -	25	1.74									
March - - -	1.80	3.12									
April - - -	2.90	.59									
May - - - -	4.10	1.93									
June - - - -	.54	15									
July - - - -	.10	2									
August - - -	1.40										
September -	5.47										
October - -	3.45										
November -	4.29										
December -	3.20										
TOTALS -	30.02										

C C

Genl. May 1801

Y79a

00

RAINFALL AT Blackley nr Manchester
Lancashire.

Observer Rev. R. A. Singleton

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

YEAR.....									1808	1809	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....										1.655	
August.....											
September.....										4.802	
October.....										630	
November.....										2.000	
December.....										4.450	
TOTALS.....									26.96		

From "Repository of Arts" lent by Mr. C. J. P. Gave 1908.
Entered 15. II. 1909.

Manchester, Charlton

✓ 181

10

D^r Dalton

S. Lams

10 in diameter 2 ft + ground

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	(2.49) ¹⁵⁰	2.11	2.50	1.50	.95	1.15	3.53	1.28	5.52	4.16	2.419
February - -	(2.45) ²⁵⁰	3.12	3.76	2.50	1.25	2.98	1.03	4.36	3.46	4.23	2.994
March - - -	2.00	3.57	4.58	1.15	1.44	4.13	2.83	2.19	5.03	1.41	2.833
April - - -	1.37	1.74	1.27	1.02	2.86	.94	2.32	.17	3.15	2.32	1.796
May - - - -	.95	5.13	3.02	5.57	.30	3.97	3.54	2.70	1.19	1.22	2.759
June - - - -	2.21	1.68	3.02	1.70	2.07	1.73	2.76	4.04	2.07	4.06	2.534
July - - - -	2.98	2.81	4.42	3.21	2.35	3.10	6.89	6.47	2.13	2.53	3.689
August - - -	4.00	3.51	1.06	1.93	4.50	4.65	1.18	5.57	1.09	2.29	2.980
September -	2.08	.32	2.68	3.06	1.16	3.12	2.92	1.31	3.72	2.01	2.238
October - -	5.09	5.27	4.94	5.31	5.37	3.18	4.24	0.60	3.30	3.85	4.115
November -	4.07	3.93	2.30	4.94	3.76	3.43	3.50	2.52	4.52	2.01	3.498
December -	6.23	3.53	1.45	1.14	5.33	5.13	4.05	5.26	.39	5.15	3.766
TOTALS -	(36.00)	36.72	34.00	33.83	31.34	37.51	39.59	36.41	35.57	35.24	35.621

1810 Jan^y + Feb^y averages

Gauge SE side of town 60 ft from any elevated object

* Jan^y + Feb^y est. 24.110

see also sheet in book 1695-1840

Hga Sta. No. 36-563329

NGR: (33) 846967

Alt. 38m.

Rainfall at *Bury Lancashire*

Y86

00

Mr. Norris

taken by his Uncle who he thought was for it

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1800	1801									MEANS.
January - -	2.87	3.64									
February - -	.69	2.85									
March - - -	2.92	3.79									
April - - -	5.60	1.11									
May - - - -	2.81	2.07									
June - - - -	.88	1.31									
July - - - -	.60	5.94									
August - - -	.85	.54									
September -	8.98	6.53									
October - -	7.70	4.89									
November -	4.73	3.99									
December -	4.14	6.79									
TOTALS -	42.77	43.45									

C C

Rainfall at Dalton (Lancashire)

4152

00

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -							1806	1807	1808	1809	MEANS.
January - -							5.40	2.73	3.88	6.58	
February - -							4.02	4.59	1.85	4.53	
March - - -							1.43	1.52	.55	1.13	
April - - -							.74	3.66	1.78	2.20	
May - - - -							2.58	3.97	4.14	3.85	
June - - - -							1.45	2.26	1.84	4.26	
July - - - -							4.38	3.74	3.91	3.45	
August - - -							7.15	2.92	4.87	7.25	
September -							3.94	10.27	3.05	5.57	
October - -							3.08	6.08	6.53	1.66	
November -							8.37	4.93	5.20	2.80	
December -							7.27	3.26	2.39	7.08	
TOTALS -							49.81	49.93	39.99	50.36	

1807 from Gentlemans Mag. Vol 78. 1808 recd. II. 10, end 21. x. 12

RAINFALL AT *Lancaster*

1886

00

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR.....										MEANS.
January			1803							
February			1.95							
March			1.80							
April			1.25							
May			1.75							
June.....			1.70							
July			3.28							
August.....			1.54							
September ...			1.88							
October.....			1.60							
November.....			.82							
December.....			3.25							
TOTALS			4.60							
			25.42							

7153

00

RAINFALL AT Heath nr Wakefield

Observer Smithson 24

Rain { By.....
Gauge {

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

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....						4.91	4.72	.85	1.14	3.98	
February.....						1.33	1.83	1.70	1.25	2.51	
March.....						1.35	2.05	3.05	.96	.42	
April.....						2.30	.97	1.17	3.48	2.11	
May.....						2.13	2.52	4.70	3.90	2.97	
June... ..						1.35	2.18	2.65		2.01	
July.....						3.20	2.98	2.44	1.52	2.27	
August.....						2.43	2.80	2.18	3.41	4.61	
September.....						1.90	1.99	3.35	5.68	4.28	
October.....						1.70	1.06	1.60	2.48	2.10	
November.....						.60	3.86	5.57	3.15	2.54	
December.....						2.50	3.54	.87	2.87	2.75	
TOTALS						25.76	30.50	30.13	29.84	31.55	
						25.70				32.55	

1808 June omitted

From M.S. table lent by Rev. St. D. Blanchard Oct. 1887

Rainfall at *Heath*, near *Wakefield* ¹⁸⁵³

00

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -									1808	1809	MEANS.
January - -									1.14	3.98	
February - -									1.26	2.58	
March - - -									.99	.43	
April - - -									3.49	2.11	
May - - - -									3.08	2.96	
June - - - -									2.34	2.01	
July - - - -									3.44	2.28	
August - - -									2.66	4.61	
September -									3.03	4.29	
October - - -									2.49	1.41	
November - -									3.16	2.25	
December - -									2.91	2.74	
TOTALS - -									29.99	31.65	

W. C. C.

Y156

00

RAINFALL AT Wilsden nr Bingley
Yorkshire.

Observer.....

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

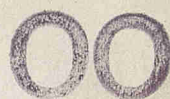
YEAR.....										1809	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....										675	
September.....											
October.....											
November.....											
December.....											
TOTALS											

From "Repository of Arts" lent by Mr. C. J. P. Cave, 1908.
Entered 15. II. 1909.

RAINFALL AT *Sedburgh*

Yorkshire

4.155



Observer

Rain { By

Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....	2.38							2.38			
February	4.00							4.00			
March .....	.57							.57			
April	1.72							1.72			
May	2.80							2.80			
June	4.00							4.00			
July.....	3.43							3.43			
August.....	4.58							4.58			
September.....	6.86							6.86			
October	5.15							5.15			
November	5.50							5.50			
December.....	2.64							2.64			
TOTALS.....	43.63							43.63			

The above extracted from the *Gentleman's Magazine & Historical Chronicle* for the year 1808 Vol 78
sent me by F W Davis Nottingham Corp^r on 6 Jan 1910.

Rainfall at *Feriby*, *Hull*.

Y 458
Y 65

00

Mr. Broadley

Yorks. E.P.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Number - 5.

YEAR - -			1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -			1.77				3.74	.82	.59	1.57	
February - -			2.77				2.33	2.64	.92	2.94	
March - - -			.02				3.57	1.21	.29	.48	
April - - -			1.08				.89	1.77	2.47	3.05	
May - - - -			1.39				1.38	2.83	2.01	.45	
June - - - -			1.90				1.50	1.13	1.21	3.24	
July - - - -			2.78				3.52	1.11	3.24	2.38	
August - - -			4.29				2.78	3.31	2.44	5.88	
September -			.57				2.49	2.86	3.27	3.10	
October - -			2.92				1.22	1.93	2.99	.56	
November -			2.29				4.31	6.02	2.51	1.90	
December -			2.20				3.20	1.62	5.01	2.42	
TOTALS -	<i>29 1/2</i>	<i>26 1/4</i>	<i>23.92</i>	<i>26 1/4</i>	<i>26 1/2</i>	<i>24 1/2</i>	<i>30.87</i>	<i>27.2</i> <i>26.95</i>	<i>26.95</i>	<i>27.97</i>	<i>26.97</i>

1798 = 21 C

99 = 30 1/4 C

1807 from Gentlemans Mag Vol 78 1808 recd 11.10 entd 21.x.12

8

Rainfall *at* near *Wigton*

Cumberland

Y 156

00

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -								1807	1808	1809	MEANS.
January - -											
February - -											
March - - -											
April - - -											
May - - - -											
June - - - -											
July - - - -											
August - - -											
September -											
October - - -											
November - -											
December - -											
TOTALS -											

1807 Sept. 5.00 in one day.

Y126

00

RAINFALL AT *Wigan Aikbank*

Observer.....*Wm. J. Golding*

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....	3.27	3.12	2.56	1.40	6.10	2.93	4.89	1.38	3.84	3.96	3.345
February .....	.88	3.95	3.43	3.01	1.70	3.40	2.67	4.77	1.59	2.97	2.837
March	2.37	4.90	1.61	1.73	2.54	2.77	.73	.97	.27	.64	1.853
April.....	3.50	1.19	3.44	1.85	1.81	.95	1.25	2.13	1.66	.89	1.867
May	3.56	1.26	.39	4.61	2.19	1.75	1.74	3.07	2.94	4.55	2.606
June.....	.65	.32	2.63	3.41	2.16	2.94	1.96	1.63	1.77	3.19	2.066
July	1.64	5.54	6.88	.69	1.76	3.63	3.97	4.25	3.27	2.19	3.382
August.....	1.36	.86	3.37	3.79	4.32	2.31	6.89	3.18	3.82	7.39	3.729
September.....	4.66	4.46	2.60	3.17	2.02	3.01	4.87	6.41	2.10	4.04	3.734
October	5.24	5.32	5.20	2.16	5.70	.23	1.64	4.16	5.16	.56	3.537
November.....	4.81	2.39	.50	2.72	2.03	.55	5.42	3.89	3.48	1.52	2.731
December.....	1.93	3.91	3.26	3.19	1.46	4.87	5.18	2.74	1.89	5.49	3.392
TOTALS	33.87	37.22	35.87	31.73	33.79	29.34	41.21	38.58	31.79	37.39	35.079

RAINFALL AT *Middleham* *1862* *W. Kendal*

00

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

YEAR										1809	MEANS.
January										4.48	
February										5.74	
March .....										.62	
April										1.50	
May										2.66	
June										3.79	
July										3.08	
August										9.59	
September ...										6.11	
October										1.10	
November ...										2.56	
December										8.85	
TOTALS.....										50.08	

16/11

Rainfall at Rendal

1857

00

Observations made by a brother of J. Dalton

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -			1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -			4.80				7.90	2.92	5.25	5.27	
February - -			5.13				5.14	5.58	2.42	4.28	
March - - -			1.45				1.32	2.21	.28	.72	
April - - -			5.31				5.6	2.90	2.80	1.69	
May - - - -			.68				2.12	4.47	3.95	4.55	
June - - - -			3.45				1.43	2.27	2.02	3.24	
July - - - -			8.35				4.63	4.48	4.85	3.28	
August - - -			5.17				7.18	3.49	5.37	9.73	
September -			3.17				4.85	7.92	2.62	6.36	
October - -			9.47				1.99	7.09	7.25	1.16	
November -			.66				9.32	5.07	3.92	4.11	
December -			4.09				7.45	4.53	2.61	8.02	
TOTALS -	48.25	50.50	51.73	40.50	47.25	42.75	53.89	52.93 53.00	43.34	52.41	48.56

1798 = 54 C 1798 53.95 1799 58.56
99 = 58 1/2 C

Totals from S.A. Marshall's M.S. book

1807 from Gentlemen's Mag Vol 78 1808 recd II. 1910 end 21.X.12

30137
28225
48562

Rounsfell at Carlisle (Shaddongate)

E - J Y120

00

12 m from Sea.

Observer Mr. Pitt

Cumborland

Gauge

Above Sea Level 40 feet

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -		3.00	1.97	1.04	5.32	1.95	3.26	.80	2.10	3.50	
February - -		2.46	2.62	3.56	2.00	2.46	2.10	3.17	1.57	2.53	
March - - -		2.87	.84	1.47	2.40	2.30	.77	.76	.20	.56	
April - - -		.86	2.57	1.98	1.89	.63	.89	1.88	1.20	1.20	
May - - - -		1.93	.47	2.94	2.48	1.74	1.47	2.41	2.86	3.75	
June - - - -		.33	2.34	2.52	2.66	2.38	1.26	1.59	.82	2.85	
July - - - -		5.63	5.31	.76	3.27	5.06	3.21	2.45	3.90	1.84	
August - - -		.91	2.51	3.69	6.27	3.13	5.57	1.93	4.48	5.19	
September -		4.80	2.34	2.32	1.01	2.17	3.50	5.37	1.84	4.95	
October - - -		4.70	4.42	2.03	5.50	.47	1.25	3.36	3.95	.38	
November - -		1.50	.67	2.45	2.04	.46	5.32	2.53	3.06	1.84	
December - -		2.48	2.44	2.78	1.00	3.61	2.94	1.50	1.88	3.18	
TOTALS -		31.47	28.50	27.54	35.85	26.36	31.54	27.75	27.86	31.77	

c c c c c c c c c c

A contracted float gauge was used during the earlier years of Mr. Pitts register, in the later years he used a copper gauge of which the area was 125.66 in and a measuring cylinder of one tenth that area - this gauge stood in an open situation on a garden wall about 12 ft above the ground.

see also sheets in book 1895-1840

Nga. Sta. No. 44 - 606269

NGR: (35) 401555

Alt. 12 m

RAINFALL AT

Cardiff (Cathay)

Col: Gapper:

Lat 51° 29' Lon: 3° 26'

Glamorgan.

Meteoro: & Miscellaneous Facts

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

? 2ap - 6

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807		MEANS.
January	3.58	2.61	.94	.66	3.50	1.94	3.66	2.61		
February	1.44	1.44	2.38	1.10	.33	1.77	2.00	1.66		
March	1.38	2.76	.50	.91	1.69	.88	2.33	.40		
April	1.88	.16	1.00	2.12	2.00	1.55	.38	1.26		
May	2.19	2.36	1.88	1.70	2.30	1.00	.91	4.00		
June.....	.72	.61	.94	2.80	.65	.88	1.11	1.66		
July .....	.52	2.36	4.88	.63	4.61	1.55	2.50	.33		
August.....	.47	.24	1.63	1.10	2.11	2.38	2.27	2.11		
September ...	3.52	5.66	.50	1.10	.60	^{2.20} 2.02	1.44	1.77		
October.....	2.77	1.77	4.52	.70	3.00	2.25	0.00	2.00		
November.....	5.66	2.27	1.55	2.83	4.61	.22	3.38	.33		
December.....	2.69	1.86	2.05	4.94	1.61	3.66	7.88	2.55		
TOTALS	26.82	24.10	22.77	20.59	27.01	20.28	27.86	20.68		

1805 - September is printed as 2.02 instead of 2.20

1806 July " " " 2.05 " " 2.50

1807 June " " " 0.66 " " 1.66

Barnton, East Lothian

1259

? 8. cont streams - 3

YEAR - -					1804	1805	1806	1807	1808	1809	MEANS.
January - -								.04	1.07	2.01	
February - -								.08	2.03	4.02	
March - - -								.03	.07	.02	
April - - -								.42	3.00	1.38	
May - - - -								1.04	1.09	1.03	
June - - - -								.06	2.06	4.08	
July - - - -								.09	2.05	1.33	
August - - -								2.06	7.05	6.60	
September -								4.03	2.01	2.09	
October - -								4.02	2.00	1.02	
November -								1.07	.07	1.01	
December -								.08	1.09	2.08	
TOTALS -					19.48	10.17	18.58	13.02	23.59	26.67	

? In the first decimal noughts throughout -

7-9 - Apr 10-20

Dalkeith

Y 234

00

Midlothian.

76a

bk-4.

YEAR - -								1807	1808	1809	MEANS.
January - -								.93	1.79	2.09	
February - -								.96	1.91	3.20	
March - - -								.74	.45	.69	
April - - -								1.18	2.80	1.24	
May - - - -								4.54	2.22	2.07	
June - - - -								1.31	2.29	2.53	
July - - - -								1.60	4.12	2.32	
August - - -								3.82	3.45	6.50	
September -								4.59	2.65	3.48	
October - -								3.01	2.89	.41	
November -								2.24	1.48	1.45	
December -								1.90	2.44	2.57	
TOTALS -								26.82	28.49	28.55	

7-9 Aug 10-29

1800 Jan 1.29 inches 7 179

Rainfall at Edinburgh

42600

00

Observer

Gauge
Almond + c - 5.

Above Sea Level

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	3.26	1.75	.71	.80	3.72	.65	2.66		1.67		
February - -	.49	1.44	1.87	1.56	.57	1.50	1.08		2.31		
March - - -	1.34	.82	.69	.74	2.58	—	.48		.65		
April - - -	2.05	.60	.73	1.16	2.04	.64	.74		3.04		
May - - - -	2.50	1.99	.86	1.13	1.58	1.01	2.23		1.92		
June - - - -	.53	.20	2.21	1.35	1.32	1.38	.20		2.61		
July - - - -	.40	5.25	4.19	.86	1.86	—	2.74		2.45		
August - - -	1.26	.88	2.13	2.00	3.91	2.83	2.65		7.51		
September -	2.53	2.66	2.37	1.82	.74		.98		2.50		
October - -	3.33	2.59	2.43	1.00	2.37		1.92		2.01		
November -	.98	1.06	2.09	2.26	1.92		4.47		.74		
December -	2.91	2.17	1.02	1.13	1.96		1.71		1.93		
TOTALS -	21.58	20.41	21.30	15.81	24.57		21.86		29.34		

C C C C C

of same gauge (not the same register)

D-4 Phil Tr Ed D-76

Blanchard

Blanchard

1800 - 04

used -

Series
T.S. 2/67
re 08c

Rainfall at Macfarlane Observatory, Glasgow.

55.51.32 N; 4.16. W.

D. Cooper Prof of Astronomy

Lanark.

Gauge by Brighton of Glasgow
Clyde, R bank - 4.

20ft above the ground - 80 above the Clyde

YEAR - -	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS
January - -		1.63	.43	3.08	1.48	2.33	.91	1.25	1.43	
February - -		1.64	1.54	.54	1.62	1.58	.96	.70	2.02	
March - - -		.93	.75	2.31	2.13	.27	.29	.08	.36	
April - - -		1.45	1.05	.79	.63	.68	1.09	1.52	.34	
May - - - -		.61	1.29	2.41	.88	2.08	2.43	1.37	2.38	
June - - - -		1.50	1.23	1.15	1.02	.74	.99	1.81	2.48	
July - - - -		3.80	.80	1.59	1.41	2.69	3.21	3.12	2.25	
August - - -		2.00	2.11	3.68	1.78	2.87	3.41	5.60	5.20	
September -	2.02	1.20	1.90	.77	2.03	1.50	2.75	.62	2.32	
October - -	2.91	2.85	.60	2.53	.01	2.25	3.64	2.17	1.44	
November -	.99	.68	1.54	1.94	.31	3.51	1.55	2.13	.93	
December -	1.35	1.47	1.23	.70	2.47	3.36	1.02	1.34	3.15	
TOTALS -		19.76	14.47	22.29	15.77	23.86	22.25	21.79	25.18	

1-9 Cleland's Enumeration 6-5 see also 10-27

The position is described as "on a plain not near houses,
nor overlooked by trees.

Hyd Sta. No. 71-657541

N.R. NS (26) 597651

alt. 24m

RAINFALL AT *Glasgow*

4261

Remarks.

Observer.....

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

From Total book

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

? Clyde Bank - 4

YEAR.....	1800	1801	1802	1803	1804	1805					MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS						15.38					

Cluckens House nr Irvine

7262

Apr.

Observer John Dunlop-

Irvine TC-3.

YEAR - -									1808	1809	MEANS.
January - -									1.75	3.31	
February - -									1.25	3.43	
March - - -									.00	1.43	
April - - -									1.31	.56	
May - - - -									1.50	2.50	
June - - - -									1.50	1.50	
July - - - -									2.31	3.06	
August - - -									4.56	7.00	
September -									4.75	3.88	
October - -									3.75	2.63	
November -									2.81	3.43	
December -									3.75	8.31	
TOTALS -									29.24	41.04	

The earliest obs. in Agrostis
 8-9 Gen. View Agre - 18-24

Bothwell Castle

4203

Lanark.

150 a

Clyde, Rank - 4.

YEAR - -								1807	1808	1809	MEANS.
January - -								1.08	1.28	1.56	
February - -								1.83	1.46	2.87	
March - - -								1.79	1.26	.34	
April - - -								1.58	1.92	.78	
May - - -								3.82	1.89	2.94	
June - - -								.79	1.58	1.84	
July - - -								2.27	1.88	1.55	
August - - -								2.94	5.83	4.47	
September -								3.82	.66	2.78	
October - -								3.35	3.34	.95	
November -								2.05	1.99	1.17	
December -								1.02	1.51	3.19	
TOTALS -								25.34	24.60	24.44	

7-9 Apr 10-27

Hya. sk No 71-656505

NGR NS(26) 691594

Largo?

4263

00

Apr.

Sir T. M. Brisbane

Fish of Clyde - 2.

YEAR - -									1808	1809	MEANS.
January - -										2.12	
February - -										4.69	
March - - -										2.92	
April - - -										1.75	
May - - - -										2.81	
June - - - -										2.96	
July - - - -										1.83	
August - - -										6.30	
September -									1.45	4.02	
October - -									8.03	2.22	
November -									3.66	2.41	
December -									5.49	6.53	
TOTALS -										40.56	

40.66

1809 given in Total book also as 38.62 + 40.62
8-9. Gen View Apr 10-26

Peterhead

4266

Aberdeen.

Aug 14.

YEAR - -									1800	1809	MEANS.
January - -										2.92	
February - -										2.45	
March - - -										1.11	
April - - -										3.02	
May - - - -									1.06	1.66	
June - - - -									.90	2.80	
July - - - -									3.30	4.14	
August - - -									2.05	2.85	
September -									3.56	3.45	
October - -									5.20	1.39	
November -									3.07	2.96	
December -									3.44	2.75	
TOTALS -										31.58	

889 10.32

Rainfall at Mount Stuart 3

T
Y264

no

Rate.

Observer

See 2-17
10-12

Gauge
Base - 1.

Above Sea Level

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	6.67	8.63	3.33	3.15	8.21	4.88	8.09	4.22	5.47	1.67	5.432
February - -	3.15	4.52	5.59	4.63	1.49	4.76	5.42	3.57	2.92	3.69	3.968
March - - -	1.21	4.88	3.57	2.32	5.71	6.31	1.61	1.90	.24	2.91	3.066
April - - -	5.89	.62	4.52	2.74	2.02	1.07	1.61	3.81	3.33	2.50	2.811
May - - - -	2.80	2.14	1.18	3.81	5.95	1.31	3.21	4.05	5.77	2.80	3.297
June - - - -	.95	1.37	3.21	2.50	2.86	1.55	2.32	1.79	2.50	2.32	2.137
July - - - -	1.70	5.30	5.71	1.96	.83	3.33	4.52	5.48	4.17	2.20	3.520
August - - -	1.28	2.05	4.94	4.31	5.36	3.69	5.65	4.09	8.51	8.99	4.887
September -	5.95	2.02	2.86	3.27	2.74	4.17	3.69	5.00	1.90	4.10	3.570
October - -	5.27	6.07	6.19	1.67	8.21	.77	4.76	5.77	8.99	3.03	5.073
November -	7.02	3.42	.95	4.28	3.81	2.97	8.63	3.51	5.59	3.39	4.357
December -	4.20	4.14	5.71	3.81	2.02	4.64	9.88	2.79	3.27	8.57	4.903
TOTALS -	46.09	45.16	47.71	38.45	49.21	39.45	59.39	45.92	52.66	46.17	47.021

0-9 Stat Sect 2-17

Hydro No 667495

Bute Mount Stewart House?

00

Bute.

4265

Bute - 1.

YEAR - -				1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -								3.49	5.65	1.58	
February - -								3.67	2.99	3.84	
March - - -								1.98	.55	2.99	
April - - -								3.84	3.09	2.68	
May - - - -								3.94	5.47	2.85	
June - - - -								2.17	2.70	2.27	
July - - - -								5.33	3.95	2.15	
August - - -								5.43	7.49	8.57	
September -								5.10	2.27	3.44	
October - -								5.29	8.46	3.09	
November -								3.24	4.96	3.27	
December -								2.78	3.45	8.88	
TOTALS -				37.12	48.96	38.76	58.14	46.26	51.03	45.61	

146.69/51.36/45.48

7-9 Gen View Apr 10-26

RAINFALL AT Gordon Castle (Fochabers)
Barffshire Murray.

Observer.....

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Spy. Rank - 2.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....				2.57	4.11	2.33				1.22	
February				2.82	1.42	1.39				1.25	
March .....				.54	1.62	1.58				.86	
April.....				1.83	2.48	*1.25				2.23	
May				2.16	1.28	2.31				1.44	
June.....				.77	1.77	1.53				2.40	
July .....				.34	1.57	2.57				2.83	
August.....				1.74	2.22	3.45				3.92	
September.....				2.96	1.11	2.92				2.34	
October				3.03	1.74	2.17				1.21	
November.....				4.95	1.59	1.36				1.67	
December.....				2.27	1.20	3.25				3.11	
TOTALS	20.06	22.34	30.61	25.98	22.11	26.11	29.75	33.17		24.48	

21.51 25.13

1805 In one M.S. April given as .25 & Total 25.11
Observations copied from M.S. in the Library of
Magdalen College Oxford.

Totals 1800-2 + 1804-7 From Total book

1809. Recd. from Mr. R. B. Moorman and entered 30. Oct. 1909. (Believed
to have formed part of the Gordon Castle registers compiled by James Hay).

Rainfall at *Dublin* *Cavendish Row*
College of Surgeons

00

Y250

Siwan rain weighed off weekly -

Diameter of Gauge, 1.75 in. *1/2* Height above Ground, 3.0 ft. in. Above Mean Sea Level, ft.

Lifey etc - 2.

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808		MEANS.
January - -	3.98	1.26	1.02	1.90	3.15	3.39	2.43	1.73	.81		
February - -	1.26	1.22	1.42	1.26	.71	.87	1.50	1.37	1.42		
March - - -	1.10	1.17	1.10	1.42	4.35	.75	1.54	.31	.83		
April - - -	3.31	.87	.87	1.50	1.37	.99	1.02	.47	1.49		
May - - - -	1.81	1.97	.66	1.96	2.22	1.73	2.76	3.00	1.73		
June - - - -	.79	.72	1.59	.95	1.65	.83	.63	1.34	1.54		
July - - - -	.63	4.02	4.26	.34	2.84	4.22	2.01	1.89	3.98		
August - - -	.47	.00	2.29	1.34	3.23	2.44	1.14	4.10	1.50		
September -	2.25	2.68	1.49	.55	.71	1.73	1.81	5.04	2.64		
October - -	3.00	2.85	3.23	.21	3.24	2.92	1.50	3.47	2.53		
November -	1.62	3.47	3.82	2.93	3.15	.47	3.47	1.73	2.20		
December -	3.35	1.74	6.23	5.32	4.41	2.60	2.99	2.01	2.05		
TOTALS -	23.57	21.97	27.98	19.68	31.03	22.94	22.50	26.46	22.72		

e c c c 30.03 c c c

Trans R 7a

1801 - August left blank - probably .00

4267 00

RAINFALL AT *Dublin, Botanic Gardens, Glasnevin* *Dublin.*

Observer *W. J. Anderson A.S.S.*

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Lifey &c - 2.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808		MEANS.
January.....			.68	1.72	3.22	2.76	2.15	2.16	.67		
February.....			1.14	1.00	.50	.83	1.12	1.50	1.50		
March.....			1.14	1.19	4.60	.85	2.52	.45	.66		
April.....			.86	1.70	1.71	1.00	1.00	.57	1.28		
May.....			.75	1.19	2.71	1.85	2.94	3.45	2.34		
June... ..			1.63	1.00	1.45	.87	.90	1.35	1.67		
July.....			4.42	.47	3.00	4.60	3.20	1.33	4.50		
August.....			2.76	2.45	3.26	2.26	1.29	1.83	1.84		
September.....			1.40	.60	.40	2.40	2.13	7.33	1.59		
October.....			3.24	3.22	3.10	2.86	1.67	3.00	2.04		
November.....			3.70	2.75	2.70	.68	3.92	1.75	2.33		
December.....			5.25	4.68	3.61	2.37	2.22	1.78	2.787		
TOTALS			26.97	21.97	30.26	23.33	25.06	26.50	23.19		

Extracted from Trans. Dublin Soc. Vols. III to VI by D. J. W. Moore

Rainfall at Edgeworthstown, 1853

00

Longford.

H^y Edgeworth Esq^r

Diameter of Gauge, 12 in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Shannon, L. ^{square} ~~back~~ - 2.

YEAR - -								1807	1808		MEANS.
January - -								1.73	.81		
February - -								1.38	1.41		
March - - -								.32	.83		
April - - -								.47	1.49		
May - - - -								3.00	1.73		
June - - - -								1.34	1.54		
July - - - -								1.89	3.98		
August - - -								4.10	1.50		
September -								5.04	2.64		
October - -								3.47	2.53		
November -								1.73	2.21		
December -								2.01	2.05		
TOTALS -								26.48	22.72		

Rainfall at Londonderry

Y268

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Hyge 5C-5.

YEAR - -	1800										MEANS.
January - -	3.81										
February - -	.63										
March - - -	.63										
April - - -	4.02										
May - - - -	1.89										
June - - - -	1.81										
July - - - -	.83										
August - - -	.95										
September -	3.12										
October - - -	4.97										
November - -	3.94										
December - -	2.60										
TOTALS - -	29.20										

1797 = 31 in C

1798 = 33 in C

1799 = 36 in C

Rainfall at Manchester.

480

10

By Lying in Hospital

Thomas Hanson

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

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS
January - -	1.39	2.21	3.49	1.50 1.50	.70	1.20	3.10	1.20	5.30	4.10	
February - -	2.57	2.73	4.58	2.50 2.50	1.20	3.00	.90	4.10	3.20	4.20	
March - - -	3.19	2.98	5.12	1.20 1.20	1.00	4.10	2.50	2.10	3.90	2.00	
April - - -	1.92	1.72	.96	1.80 1.80	2.70	.90	2.20	.20	3.10	2.10	
May - - - -	1.41	5.07	3.42	5.60 5.60	.60	4.00	3.10	2.20	1.10	.90	
June - - - -	1.90	2.21	4.80	1.70 1.70	1.90	1.70	2.40	4.00	2.20	3.50	
July - - - -	5.50	2.71	4.59	3.20 3.20	2.70	3.10	4.70	6.30	1.90	2.60	
August - - -	5.00	3.47	1.43	1.90 1.90	3.70	4.60	1.90	5.30	1.10	2.00	
September -	1.90	2.96	3.40	3.10 3.10	.90	3.10	1.90	1.60	2.60	1.50	
October - - -	4.68	3.96	5.47	5.30 5.30	4.70	3.20	4.50	.50	2.20	4.90	
November - -	3.68	4.58	3.50	4.90 4.90	2.10	3.40	3.10	2.80	4.90	2.00	
December - -	6.03	4.77	.99	1.20 1.20	4.30	5.10	3.60	3.40	.60	5.20	
TOTALS - -	39.17	39.37	41.75	33.90 33.90	26.50	37.40	33.90	33.70	32.10	35.00	35.279

1813 to 1819 Figures taken from copper-plate diagram drawn and issued by T. Hanson. 1810-12 figures agree with abovementioned diagram

The figures published in the "Repository of Arts" Vols. III-XII differ somewhat from the above, especially in 1810+1813 but the amounts given here appear more likely to be correct. CS. 13. II. 09

Grange Y186

00

Rainfall at Lancaster (Ellel)

Mr Ford.

Ford

Lancaster Gazette

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	4.04	3.96	4.00	1.95	5.58	3.88	5.75	3.33	2.90	4.66	
February - -	1.54	3.83	5.33	1.80	1.50	3.20	3.94	3.59	2.00	3.11	
March - - -	1.50	3.33	2.00	1.25	2.59	3.00	.87	1.12	.00	.53	
April - - -	5.50	.92	6.29	1.75	2.33	.16	1.06	3.19	1.81	1.59	
May - - - -	3.79	2.50	.29	1.70	4.83	2.08	.00	3.72	2.38	3.39	
June - - - -	.67	1.17	2.88	3.28	1.50	1.56	.69	1.25	1.25	3.10	
July - - - -	1.03	5.44	6.42	1.54	2.17	5.28	3.06	3.50	4.12	4.00	
August - - -	.94	.42	4.92	1.88	3.33	5.16	5.37	7.00	3.75	6.12	
September -	4.67	5.75	3.33	1.60	.50	2.32	3.63		1.23	4.75	
October - -	5.00	6.42	8.83	.82	7.33	1.24	1.57	3.08	7.08	.87	
November -	5.00	4.87	.71	3.25	2.33	1.16	8.94	4.00	4.27	3.87	
December -	3.25	6.02	2.46	4.60	2.63	4.48	5.89	3.23	1.69	5.74	
TOTALS -	35.93	44.63	47.46	34 $\frac{3}{4}$	35.62	33.52	40.72	37.01	32.48	41.73	38.39

C 1798 43 $\frac{1}{4}$

99 45 $\frac{1}{2}$

or possibly 48.19

25.42

Prof. G. Manley told me that this record was at ELLEL GRANGE, near the main road, and that the observer, John Ford, was a Quaker and a friend of Mr. Dalton. He surmises that like Dalton's the gauge was exposed on a ledge about 3 ft above the ground, to avoid the (partly) observer having to bend down to measure the rain!

J. M. Craddock. 13/3/75.

Rainfall at Lancaster 2 Ellet

from the Lancaster Gazette

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	2.17	2.11	2.32	2.55	.37	.92	3.02	1.67			
February - -	1.91	4.26	6.02	4.60	2.25	3.14	1.89	3.11			
March - - -	2.37	3.08	3.05	2.23	1.32	5.80	2.60	2.50			
April - - - -	.37	3.12	.76	1.18	4.60	.70	1.91	0.00			
May - - - - -	.12	3.21	2.71	3.33	.02	3.81	2.72	1.25			
June - - - - -	1.47	2.49	3.83	1.90	1.55	2.10	2.42	1.72			
July - - - - -	3.14	2.18	2.86	2.57	2.23	3.07	3.96	2.80			
August - - - -	3.58	4.14	2.86	1.69	3.31	4.74	2.32	6.52			
September - -	2.58	1.21	4.09	3.20	1.43	4.27	5.51	.84			
October - - -	4.00	6.23	4.51	4.02	5.13	5.30	3.32	1.26			
November - -	4.50	6.00	3.93	4.10	5.02	4.38	3.22	3.64			
December - -	6.47	4.51	.73	1.78	5.16	5.82	4.58	5.03			
TOTALS -	32.68	42.54	37.67	33.15	32.39	44.45	37.47	30.34			

C C C C C C C C

Blindfold 44.12 are ship

RAINFALL AT

Yealand

M.S. returns Rev. J. Birkett

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

Height above Ground, 1 ft. in.

Above Mean Sea Level, ft.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817			MEANS.
January	2.17	2.17	1.86	2.66	.25	1.08	2.84	1.67			
February	1.91	4.40	6.27	4.67	2.00	3.05	1.67	3.11			
March	2.37	3.13	2.89	2.17	1.20	5.89	2.51	2.50			
April .....	.38	3.19	.75	1.25	4.45	.64	1.78	0.00			
May .....	.12	3.33	2.85	3.00	.09	3.62	3.06	1.25			
June.....	1.47	2.77	4.25	1.88	1.59	2.00	2.28	5.95			
July	3.14	2.28	2.89	2.34	2.63	3.22	2.45	2.80			
August.....	3.57	4.22	2.64	1.40		4.78	2.78	6.52			
September ...	2.57	1.33	4.00	3.10	1.20	4.70	4.84	.84			
October.....	4.00	6.52	5.70 ^x	4.34	4.78	4.25	4.75	1.27			
November.....	4.50	6.00	2.85	4.00	5.50	4.31	1.78	3.64			
December.....	6.47	4.80	.14	1.25	5.14	6.00	4.09	5.03			
TOTALS	32.67	44.14	37.12	32.06		43.54	34.83	34.58			

1812 x includes 4 days of Nov.

RAINFALL

AT *Yealand Conyers*

POSITION OF RAIN GAUGE.

FT. IN.

Height of receiving surface above the ground.....

" " " sea level.. ..

Diameter " "

Is the gauge at all sheltered by trees or walls?

Describe its position.

GENERAL REMARKS.

De

RAINFALL AT

Island Congress-

23

No. of days in which rain fell

YEAR.	1810	11	12	13	14	16	17	15	Island	Kendal		YEAR.	24	25	25	26	27	28	29	30	31	32
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January	2.11	2.11	1 ⁵⁷ / ₆₄	2.44	.16	2.54	1.43	1.05	1.639	2.900	9	January	2.403	4.142	4.142	0.122	5.206	6.014	0.223	1.270	3.747	4.13
February	1.58	4.26	6 ¹⁷ / ₆₄	4.43	2.00	1.43	3.07	3.03	3.939	5.576	16	February	1.704	2.923	2.923	6.402	1.685	3.485	2.020		3.440	
March	2.24	3.08	2 ⁵⁷ / ₆₄	2.11	1.13 ¹ / ₆₄	2.33	2.32	5.57	2.845	3.053	7	March	4.469	1.975	1.975	1.269	4.804	2.480	0.696	5.000	2.650	
April	.24	3.12	⁴⁸ / ₆₄	1.16	4.29 ¹ / ₆₄	1.50	nil	0.41	3.030	3.228	10	April	2.070	5.823	2.880	2.200	1.926	4.950	4.253	3.700	5.510	
May	.08	3.21	2 ⁵⁵ / ₆₄	3.00	0.06 ¹ / ₆₄	3.04	1.16	3.40	6.464	7.048	16	May	0.528	0.063	2.698	0.979	3.635	2.335	1.800	3.194		
June	1.30	2.49	4 ¹⁶ / ₆₄	1.56	1.38 ¹ / ₆₄	2.18	5.61	2.00	4.102	3.414	15	June	2.948	4.655	5.833	0.479	3.118	5.200	5.200	3.232		
July	3.09	2.18	2 ⁵⁷ / ₆₄	2.22	2.40 ¹ / ₆₄	2.29	2.51	3.14	4.122	7.858	22	July	1.631		0.063	0.773	2.433	5.786	7.013	5.100		
August	3.37	4.14	2 ⁴¹ / ₆₄	1.40 ¹⁰ / ₁₀₀		2.50	6.33	4.50	6.511	7.750	22	August	3.755		4.055	4.400	5.105	6.895	8.062			
September	2.37	1.21	4	3 ¹⁰ / ₁₀₀	1.13	4.54	54	4.45	5.492	5.742	21	September	5.804		5.178	1.286	3.177	5.683	4.880			
October	4.00	6.33	5 ⁴⁵ / ₆₄	4 ³⁴ / ₁₀₀	4.50	4.48	1.17	4.16	4.014	6.218	15	October	7.132		6.314	4.240	3.753	4.087	7.216			
November	4.32	6.00	2 ⁵⁵ / ₆₄	4.00	5.32	1.56	3.41	4.20	2.940	3.403	12	November	9.924		7.527	3.154	3.736	4.820	5.200		13.220	
December	6.30	4.51	⁹ / ₆₄	1 ¹ / ₄	5.09	4.06	5.02	6.00	4.689	6.624	14	December	10.263		3.042	4.238	9.893	8.124	2.011		16.220	
Yearly Total	32.44	44.8	37.9			34.61	32.57	43.35	49.787	62.749	177	Yearly Total										

12.962
49.787

Note a - Rain in October & first four days of Nov:

b. fr. Mar. 1 to Apr. 12 -

c. to Jan. 3rd

d. to Feb. 9. - C^d not measured at end of Jan^r or till 9th of Feb^r, ground being frozen so as to prevent the bottle being taken up -

Ac^t of rain in Kendal for 1827 -

1st Mo. 8.630 - 2nd 2.698 - 3rd 8.476 - 4th 2.553 - 5th - 3.483 - 6th 4.264 - 7th 3.170 - 8th 5.214 - 9th 3.329
Total 58.004

● C^d make nothing of figures, see register. - so inserted by calculation from some total

* 2.650 6.681 both belong to March. The rain having been twice measured.

G. J. SYMONS, ESQ.,

136, *Camden Road*, N.W.

LONDON.

RAINFALL AT

Dalton Lancashire

7188

10

Rain (By
Gauge (.....

Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR.....	1810	1811	1812							MEANS.
January	2.85	2.88	2.65							
February	2.54	6.42	3.92							
March	6.03	2.44	5.03							
April	1.12	4.29	1.54							
May .....	.75	7.40	3.36							
June.....	1.87	4.66	3.31							
July	3.89	3.16	3.61							
August	4.18	4.47	2.36							
September ...	2.62	4.98	3.50							
October.....	4.70	7.28	4.36							
November.....	5.10	6.49	4.21							
December.....	7.19	3.93	.90							
TOTALS	42.84	58.40	38.75							

C C C
Blind

561308

489

10

White Holme, Blackstone Edge Reservoir
 Rochdale Canal Co. Gauge.

1500 ft + S.L.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -										2.90	
February - -										3.50	
March - - -										3.20	
April - - -										3.20	
May - - - -										3.50	
June - - - -										.25	
July - - - -										2.22	
August - - -										1.50	
September -										2.00	
October - -										1.25	
November -										3.00	
December -										2.10	
TOTALS -										28.62	

9 March Memo 7-14

 MET O & RAINMASTER
 RETROSPECTIVE SITE NO.

561308

NGR: SD(34) 972164

ALL 1500 ft = 457 metres. Date of review 20-7-78

RAINFALL AT *Blackstone Edge*
W. Middleton Lancashire

Y 189a

10

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

[illegible]

RAINFALL AT Heath nr Wakefield

Observer Smithson 24

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

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	.88	1.44	1.20	.75	1.38	.57	2.30	1.30	3.78	3.52	
February.....	1.95	3.95	3.20	3.60	.67	1.25	.51	2.24	1.15	2.48	
March.....	3.45	1.48	4.77	1.03	1.99	2.94	1.06	1.90	4.09	1.11	
April.....	1.91	2.10	1.96	1.98	2.99	1.43	2.86	.08	4.59	1.36	
May.....	3.12	4.62	1.64	3.75	1.27	1.62	1.54	1.53	2.03	1.52	
June.....	1.78	2.78	5.77	2.55	2.12	2.57	1.99	2.29	.71	1.85	
July.....	4.40	5.24	3.12	2.32	2.57	2.05	4.82	4.36	.64	1.20	
August.....	3.17	2.20	2.06	.36	2.97	2.64	1.55	5.35	1.24	1.42	
September.....	2.10	2.55	1.36	1.62	.98	2.23	1.78	1.15	2.73		
October.....	2.23	2.23	5.14	3.16	3.65	3.67	4.61	.98	1.71		
November.....	5.12	1.95	2.35	3.80	.93	1.59	2.12	2.03	3.91		
December.....	4.29	2.42	1.61	.74	3.39	3.71	3.28	3.72	.79		
TOTALS	34.40	32.96	34.18	25.65	24.91	26.21	28.42	25.93	27.03		
				25.66		26.27		26.93	27.37		

From M. S. table lent by Rev. H. D. Blanchard Oct 1887

Rainfall at *Heath* near *Wakefield* 7190

10

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1810	1811	1812	1813							MEANS.
January - -	.89	1.44	1.20	.75							
February - -	1.95	3.96	3.20	3.61							
March - - -	3.45	1.49	4.77	1.03							
April - - -	1.91	2.10	1.96	1.98							
May - - - -	3.13	4.63	1.64	3.73							
June - - - -	1.90	2.78	5.77	2.54							
July - - - -	4.41	5.27	3.12	2.33							
August - - -	3.18	2.20	2.06	.36							
September -	2.10	2.55	1.36	1.62							
October - -	1.88	2.23	5.14	3.16							
November -	5.12	1.95	2.35	3.80							
December -	4.30	1.42	1.61	.74							
TOTALS -	34.22	32.02	34.18	25.65							

C. B. C. B. C. B. C.

Rainfall at *Ferriby, Hull.*

Y65

10

Yorks S.R.

Rev J Blanchard

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1810	1811									MEANS.
January - -	.64	.94									
February - -	1.10	1.04									
March - - -	.94	1.80									
April - - -	1.54	.93									
May - - -	2.66	2.65									
June - - -	1.27	3.20									
July - - -	3.77	1.63									
August - - -	4.33	.85									
September -	.58	2.19									
October - -	2.21	1.90									
November -	5.98	2.32									
December -	3.95	1.54									
TOTALS -	28.97	20.99	36.01								

RAINFALL AT Malton

Yorkshire

Observer W. Stockton

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

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June... ..											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS									43.75	49.21	

1810 55.845

Given in letter from W. J. Hanson of Manchester to Rev. J. Blanchard

192

10

RAINFALL AT *Richmond Yorks*

Observer.....

Rain { By.....

Gauge {
Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....				1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....						.14	1.64	1.13	3.77		
February				3.17	1.58	1.99	.20	1.51	3.36		
March					-	2.35	.89	1.01	3.81		
April.....					1.89	1.19	1.63	.15	3.41		
May .....					.73	1.35	1.29	2.10	2.41		
June.....					.51	1.75	1.22	2.04	.53		
July .....					.98	1.21	3.90	3.19	1.92		
August.....					2.15	1.94	1.33	3.78	.53		
September.....					.55	1.71	1.75	1.25	1.88		
October					2.58	2.94	2.10	1.40	1.44		
November.....					.88	1.14	1.19	1.73			
December.....				1.27	2.63	2.15	2.42	1.86			
TOTALS						19.86	19.56	21.24			

1814 March Gauge broken.

3-81 Medical Repository

10

Above Mean Sea Level.....ft.

[illegible]

RAINFALL AT *London District* *Y270*

Observer *Dines' diagram*

Rain { By

Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....				.85	3.71	.98	2.12	2.77	2.24	2.24	
February				2.42	.36	1.24	1.85	1.19	2.19	2.81	
March .....				.68	2.02	2.27	2.08	1.54	3.73	1.34	
April				1.97	1.35	2.40	2.01	.59	3.30	2.53	
May				2.80	2.62	1.70	2.11	2.92	2.59	2.97	
June				2.66	2.32	1.88	3.24	2.05	.60	2.09	1.484
July.....				3.31	1.07	1.60	3.65	2.65	.65	1.87	1.480
August.....				.74	2.37	2.03	2.70	2.38	.19	.83	1.124
September.....				1.07	1.37	1.30	2.25	.49	3.26	2.78	
October				4.82	2.46	2.63	3.01	1.60	1.62	2.06	
November				1.35	2.72	1.52	2.80	1.85	2.33	2.25	
December.....				.89	3.70	2.31	3.42	3.62	1.18	2.64	
TOTALS.....				23.56	26.07	21.86	31.24	23.65	23.88	26.41	

London

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10

Royal Society

Somerset House

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -			.78	.34	1.12	.43	.73	2.15	1.46	.79	
February - -			1.70	1.79	.53	.68	1.62	.88	.73	1.64	
March - - -			1.87	.56	.72	1.32	.43	1.06	.99	1.01	
April - - - -			1.06	1.10	1.30	1.66	1.02	.12	1.79	1.69	
May - - - -			1.93	2.63	1.78	.67	.90	1.70	1.60	1.40	
June - - - -			1.76	1.35	1.56	1.75	.93	1.86	.41	1.02	
July - - - -			1.95	2.09	.68	1.58	2.79	1.41	.36	.75	
August - - -			1.48	.56	2.00	.22	1.18	1.46	.28	.25	
September -			.63	.86	.96	.78	.82	.30	.97	1.32	
October - -			3.14	3.39	1.61	1.89	.89	.55	1.17	1.07	
November -			1.86	.95	1.86	1.34	2.12	1.11	1.08	.92	
December -			.19	.33	2.25	.65	1.74	2.70	.80	1.87	
TOTALS -			18.35	15.95	16.37	12.97	15.17	15.30	11.64	13.73	

1810 not in P Trans.

1811 from 23rd May to 31 Decr 10.65

London

Y160

10

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -								1.14	2.86	2.61	
February - -								1.16	1.87	2.83	
March - - -								.30	3.97	1.48	
April - - -								1.96	3.04	2.59	
May - - - -								.96	2.15	3.28	
June - - - -								2.84	.66	1.91	
July - - - -								1.98	.69	2.24	
August - - -								2.15	.47	.30	
September -								.48	3.77	2.10	
October - -								1.36	1.32	2.96	
November -								2.04	1.95	2.65	
December -								3.69	1.50	2.39	
TOTALS -								20.06	24.25	27.34	

1819 September is printed as 2.01, but the total would then be 27.25, and 2.10 is probably correct.

7-9 Moore

RAINFALL AT London Princes St. Courtland Square

Observer.....

Rain { By.....

Gauge { Diameter.....in.

Height above Ground, 35 ft. 0 in.

Above Mean Sea Level.....ft.

LONDON 2/ Thames - Left Bank.

YEAR.....					1814	1815	1816				MEANS.
January.....					²⁰ 1.18	²⁰ 1.78					
February					²⁰ .80	1.08					
March					1.00	1.40					
April .....					.86	1.14					
May .....					.80	1.50					
June .....					.63	1.30					
July .....					.65	1.24					
August					1.60						
September.....					1.70	2.00					
October					2.20	1.97					
November.....					3.15	.45					
December .....					.80	1.07					
TOTALS											

These returns were sent in from the 20th to the following 20th
are entered as such the 1st entry being from 20th of Jan to 20th Feb
and the following months in the same way
It is believed that May June & July were taken in Holborn
but taken in the same way as those at Princes St.

4-5 Medical Repository

RAINFALL AT London High Holborn

Observer Messrs Harris & Co

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

LONDON 2/ Thames - Left Bank.

YEAR.....						1816	1817	1818		MEANS.
January.....							2.68			
February							1.26			
March						1.20	1.12	2.45		
April						1.42	.24	3.10		
May						1.16	2.78	1.79		
June						1.85	1.60	.35		
July						3.55	1.85	.59		
August						1.51	1.94	.04		
September.....						1.83	.61	2.73		
October						2.55	1.65	1.43		
November.....						2.10	1.43			
December										
TOTALS										

1816 Dec. Gauge frozen - No obs. in Jan. & Feb. gauge having burst

1817 Jan Gauge leaky

" Dec. " broken

1818 Jan & Feb therm. often below 32° so the Gauge could not be put out.

6-7-8 Medical Repository

Westminster 246227
✓163

Rainfall at London Soho Square

Sir J. Banks

Gauge on roof of Library

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

LONDON 2/ Thames - Left Bank.

YEAR - -	1810	1811	1812	1813							MEANS.
January - -	.26	1.08	1.54	.40							
February - -	1.44	1.26	3.70	2.42							
March - - -	2.54	.80	2.42	.62							
April - - -	1.70	1.12	1.34	1.44							
May - - - -	1.04	2.58	2.34	3.16							
June - - - -	.56	1.82	2.54	1.12							
July - - - -	3.78	3.22	2.46	2.82							
August - - -	2.46	2.26	1.92	.88							
September -	1.98	1.54	.64	1.04							
October - - -	1.92	2.52	3.86	4.74							
November - -	6.08	2.42	2.34	1.10							
December - -	2.94	2.04	.70	.72							
TOTALS -	26.70	22.66	25.80	20.46							

1811 agrees with values given in letter by Sir J. B. himself.

MET. O-B. RAINFALL
RETROSPECTIVE SHEET

246227

NGR: TQ(51) 297812

WY: 80 ft = 24 metres. Date of revision 14-7-78.

Rainfall at Edmonton N^o 3

C. U.

10

Observer Charles H Adams

Gauge

Above Sea Level

M's E x 2 / Thames Sea.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -		1.80						2 75	1 65	2 17	
February - -		2.60*						.99	2 03	2 62	
March - - -		.90						2 07	3 40	1 25	
April - - -		1.70						.05	3 25	2 05	
May - - - -		3.30						3 03	2 76	2 73	
June - - - -		2.30						1 62	.40	2 28	
July - - - -		3.50						1 83	.55	1 93	
August - - -		1.90						2 50	.10	.43	
September -		1.30						.12	1 57	2 70	
October - -		2.70						1 10	1 25	1 35	
November -		3.00						1 85	1 83	1 75	
December -		2.90						2 80	.65	2 13	
TOTALS -		27.90*					29.19	20.71	19.44	23.39	

* "More rain fell, but my gauge was blown down.

MET. OBS. RAINFALL

RETROSPECTIVE SITE

245042

NGR: TQ(51) 340925

ALT: 45 ft = 14 metres. Date of rain 18-7-78.

7165

RAINFALL AT Greenwich
Royal Observatory

Observer J. Henry Belville

Rain { By Crosley

Gauge { Diameter.....in. Height above Ground.....ft.....in. Above Mean Sea Level.....ft.

LONDON 1/ Thames - Right Bank.

YEAR.....					1814	1815	1816	1817	1818	1819	MEANS.
January.....						.78	1.90	2.85	1.73	2.12	
February.....						1.21	1.47	1.17	1.80	2.67	
March.....						2.00	1.72	1.90	3.45	1.58	
April.....						2.45	1.94	.06	2.99	2.82	
May.....						2.14	1.95	4.16	2.53	2.98	
June.....						1.65	2.19	1.34	.60	2.28	
July.....						1.57	3.96	3.89	.69	2.00	
August.....						1.63	2.30	2.53	.07	.36	
September.....						1.07	1.87	.81	3.78	3.13	
October.....						2.29 ^x	2.61	2.40	1.89	2.13	
November.....						1.37	2.74	1.80	2.49	2.69	
December.....						3.40	1.92	2.82	3.53	1.33	3.48
TOTALS						20.08	27.47	26.44	23.35	28.24	

x in summary this is given as 2.30

Rainfall at Greenwich Observatory

10

V. 166

LONDON / Thames - Right Bank.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -						.9	2.1	3.2	1.9	2.3	
February - -						1.3	1.6	1.3	2.0	3.0	
March - - -						2.2	1.9	2.1	3.8	1.8	
April - - -						2.7	2.1	.1	3.3	3.1	
May - - - -						2.3	2.2	4.6	2.7	3.3	
June - - - -						1.9	2.4	1.4	.7	2.5	
July - - - -						1.8	4.3	4.3	.8	2.2	
August - - -						1.8	2.5	2.7	.1	.4	
September -						1.2	2.1	.9	4.2	3.4	
October - - -						2.6	2.8	2.6	2.1	2.3	
November - -						1.5	3.0	2.0	2.7	3.0	
December - -						2.3	3.1	3.8	1.4	3.8	
TOTALS -						22.5	30.1	29.0	25.7	31.1	

I find the early years of Greenwich excessively queer. I allude particularly to 1817, 1819, 1820, 1822, 1823, 1824, 1825, and 1831. But I think there is a key to it to be found - if you look at the daily tables in ^{proceedings of the Met. Soc.} ~~our~~ the ¹ and compare them with Rawlshy's tables in the blue book - a 10 per cent roughly seems to have been added to the former to make up the latter - this applies to the early years - it seems to have been assumed that the old gauge was placed above the ground - whether it was or not or at what height I suppose no one can now tell.

Extract from a letter from G. Dines Esq.
dated April 12th 1873.

RAINFALL at *Croydon & Greenwich (Croom's Hill)*

County of *Surrey & Kent*

Observer *Henry Lawson*

River Basin.....

Rain Gauge, by.....

LONDON / Thames - Right Bank.

Diameter ...											
Height											
Altitude ...											
Year ...	<i>1810</i> 1810	<i>1811</i> 1811	<i>1812</i> 1812	<i>1813</i> 1813	<i>1814</i> 1814	<i>1815</i> 1815	<i>1816</i> 1816	<i>1817</i> 1817	<i>1818</i> 1818	<i>1819</i> 1819	MEANS.
January ...											
February ...											
March											
April											
May											
June											
July											
August											
September ..											
October ...											
November ..											
December...											
TOTALS ...								<i>25.349</i>	<i>24.252</i>	<i>27.339</i>	

From Luke Howard MS journal. (Extracted by W. Marriott 1.16)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

Rainfall at Chichester

Y/168

10

Blinchett & Co. Chichester

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1810	1811	1812	1813							MEANS.
January - -	.28	1.24	1.79	1.06							
February - -	2.90	4.26	4.75	2.71							
March - - -	2.84	1.09	4.61	1.27							
April - - -	1.61	1.83	2.37	1.90							
May - - - -	1.46	5.72	2.16	3.04							
June - - - -	.49	2.15	3.71	1.13							
July - - - -	4.72	3.25	2.46	1.54							
August - - -	3.07	2.31	2.66	1.73							
September -	1.95	2.91	1.93	2.28							
October - -	3.31	5.86	8.55	5.96							
November -	11.77	4.70	3.52	2.14							
December -	4.53	4.12	.88	1.95							
TOTALS -	38.93	39.46	39.39	26.71							

C C C C
13

RAINFALL AT Gosport

Y 169

10

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR.....						1816			MEANS.
January						#			
February									
March									
April									
May									
June.....									
July									
August.....									
September ...									
October.....									
November.....									
December.....									
TOTALS						41.05			

Sandhurst

E-U-

Y170

Miss Rte No. 4

Berks.

Gauge 10 in square; 4.8 in + ground; 246 ft + m s l
3- Thames. Loddon ex.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -									} not kept	2.78	
February - -										1.78	
March - - -									3.64	1.15	
April - - -									1.72	2.30	
May - - - -									3.38	2.83	
June - - - -									3.62	2.53	
July - - - -									.22	2.65	
August - - -									.67	.72	
September -								# 19th to 50th 0.20	3.64	3.62	
October - -								1.04	.40	1.44	
November -								0.17	2.89	1.94	
December -								3.28	.11	1.63	
TOTALS -										25.37	

e e e

1817 Gauge out of repair Nov. 8 to 20 & Dec. 27 to 31.
1818 "Kept very irregularly."

Bushey Heath, Stanmore
Watford
 Beaufoy

Y171 10

YEAR - -									1818	1819	MEANS.
January - -									# 1.80	1.91	
February - -									1.45	2.83	
March - - -									2.33	1.15	
April - - -									3.75	2.47	
May - - - -									2.46	3.06	
June - - - -									.33	1.95	
July - - - -									.67	1.51	
August - - -									.49	2.52	
September -									3.12	3.21	
October - -									1.38	1.61	
November -									2.41	1.76	
December -									1.22	2.43	
TOTALS -									21.41	26.41	

c c

8-9 Ed Phil Jour 4-24

8 = Annals of Phil

RAINFALL at High Wycombe, St Mary's College

County of Bucks Observer J.G. Latem, Eng.

River Basin Thames Wye C - 3

Rain Gauge, by _____

Diameter ...											
Height											
Altitude ...											
Year	1920	1921	1922	1923	1924	1925	1926	¹⁸¹⁷ 1927	¹⁸¹⁸ 1928	¹⁸¹⁹ 1929	MEANS.
January ...											
February ...											
March											
April											
May											
June											
July											
August											
September...											
October											
November...											
December...											
TOTALS...								21.71	28.69 ⁶	30.27	

1817-22, 1824-8, 1830-2, 1834-5, 1843-8 entered X'25

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge

Rainfall at Oxford (Rodcliffe Reef)

Rodcliffe Observatory

Diameter of Gauge, 12 in.Height above Ground, 22 ft. 9 in.Above Mean Sea Level, 2 ft.

YEAR - -	1815	1816	1817	1818	1819	MEANS.
January - -	[#] .59	2.08	1.69	2.38	1.61	.825
February - -	.73	1.24	.85	1.48	2.45	
March - - -	2.03	1.19	1.12	2.50	.86	
April - - -	1.19	1.85	.14	3.90	1.15	
May - - - -	2.14	1.36	2.75	2.28	2.73	
June - - - -	2.06	1.43	2.04	.19	^{1.88} 1.88	
July - - - -	.77	4.01	2.56	.33	1.21	
August - - -	1.59	2.26	3.37	.33	.57	
September -	2.45	1.50	.31	3.65	3.48	
October - - -	2.46	2.86	.65	1.71	1.71	
November - -	.68	1.70	1.56	3.51	1.54	
December - -	1.94	2.85	2.22	.82	1.97	
TOTALS - - -	18.63	24.33	19.26	23.08	21.16	

Hyd Sta. No. 10 - 256222

NGR. SP(42) 509072

Alt 63m

1173

10

RAINFALL AT Solham Mills

W. West Deeping ^{Northamptonshire.} ~~Lincolnshire~~

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

W. West Deeping

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR	1810	1811	1812	1813						MEANS.
January			1.43	1.25						
February			1.94	1.55						
March			4.15	.96						
April	1.00	1.11	1.12							
May	3.00	2.87	2.59							
June	1.32	2.22	1.46							
July	2.98	2.27	1.79							
August	1.23	3.54	.85							
September ...	2.17	.92	1.54							
October	2.39	3.72	4.61							
November ...	1.66	2.11	1.34							
December	1.47	.94	1.31							
TOTALS			24.22	20.37						

BC 1810 1811 1812 1813

RAINFALL AT Plaisance Esen

10

Y 179

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Rodrig - 2.

YEAR	1810	1811	1812								MEANS.
January			1.29								
February			3.71								
March			2.80								
April			1.24								
May			2.36								
June			2.81								
July			3.04								
August			1.34								
September ...			.79								
October			3.64								
November ...			2.46								
December .....			.95								
TOTALS			26.43								

Blanked

RAINFALL AT Plaistow,

Essex.

Observer Luke Howard Esq.

Rain { By.....

Gauge { Diameter.....in.

Height above Ground, 43' (to max. 1810)
on ground ft.

Above Mean Sea Level.....ft.

Rodding - 2.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	.11	1.21	1.84								
February.....	.87	1.77	3.47								
March.....	1.80	.96	2.93								
April.....		.99	1.46								
May.....		2.52	2.36								
June.....		1.81	2.85								
July.....	3.68	3.76	3.12								
August.....	2.91	2.74	1.56								
September.....	.65	1.73	.53								
October.....	3.18	2.63	4.00								
November.....	5.32	2.30	2.47								
December.....	5.02	2.22	.65								
TOTALS.....		24.64	27.24								

Copied from 10-yr-sheet for Tottenham. 27. XI. 1913.

245408

Y175

RAINFALL AT Stratford Laboratory, N^o 1 Essex.

Observer Mr. J. Gibson probably for Duke Howard Esq

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

Sea - 1.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	06 ✓	1.21 ✓	1.80 ✓	.44 ✓	1.92 ✓						
February.....	.87 ✓	1.77 ✓	3.57 ✓	2.28 ✓	.27 ✓						
March.....	1.80 ✓	.96 ✓	2.84 ✓	.73 ✓	1.38 ✓						
April.....	.97 ✓	.99 ✓	1.47 ✓	1.80 ✓	1.38 ✓						
May.....	.97 ✓	2.52 ✓	2.13 ✓	1.96 ✓	3.08 ✓						
June.....	- ✓	1.81 ✓	2.73 ✓	1.50 ✓	2.17 ✓						
July.....	3.68 ✓	3.76 ✓	2.79 ✓	3.12 ✓	.91 ✓						
August.....	2.895 ✓	2.72 ✓	2.84 ✓	.56 ✓	2.55 ✓						
September.....	1.71 ✓	1.88 ✓	.78 ✓	1.07 ✓	1.41 ✓						
October.....	3.18 ✓	2.44 ✓	3.77 ✓	4.91 ✓	2.51 ✓						
November.....	8.20 ✓	2.39 ✓	2.50 ✓	1.03 ✓							
December.....	5.02 ✓	2.35 ✓	.52 ✓	✓							
TOTALS.....		24.80	27.74								

From "Repository of Arts" lent by Mr. C. J. P. Cave 1908.
Entered 15. II. 1909.

MET. OF RAIN-GAUGE
RETROSPECTIVE

245408

NGR: TQ(51) 389843

ALT: 20 ft = 6 metres. Date of review: 3-7-78.

245409

4176

10

RAINFALL AT Stratford Laboratory ^{N^o 2} 2nd. gauge.
Essex.

Observer Mr. J. Gibson probably for Luke Howard Esq.

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Sea - 1.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....			1.62✓	.57✓	- ✓						
February.....			3.48✓	- ✓	.32✓						
March.....			2.79✓	.68✓	- ✓						
April.....			1.33✓	1.53✓	1.46✓						
May.....			2.07✓	2.19✓	- ✓						
June.....			2.55✓	1.49✓	2.09✓						
July.....			3.05✓	2.94✓	1.06✓						
August.....			2.84✓	.59✓	2.07✓						
September.....			.74✓	- ✓	- ✓						
October.....			3.89✓	4.67✓	2.13✓						
November.....			1.82✓	1.07✓							
December.....			.49✓	- ✓							
TOTALS.....			26.67								

From "Repository of Arts" lent by Mr. C. J. P. Cave, 1908.
Entered 15. II. 1909.

MET. O.S. RAIN-GAUGE
RETROSPECTIVE DATE REVIEWED

245409

NGR: TQ(51) 389843

ALL 20 ft = 6 metres. Date of review: 17-7-78

RAINFALL AT *Plymouth*

Devonshire

Observer *James Fossan*

Rain { By

Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

Tamar and C - 2.

YEAR.....						1815	1816				MEANS.
January.....						1.78					
February						3.11					
March						6.06					
April						1.34					
May						3.80					
June						3.09					
July.....						1.51	7.44				
August.....						2.53					
September						2.69					
October						3.88					
November						1.74					
December.....						2.57					
TOTALS.....					42.70	34.10					

Stoke n^o Devonport
Tamar Terrace.

Y178

10

Mould.

Devonshire.

+ Ground 7.6 in + Sea level 195 ft
Tamar and C-2.

YEAR - -								1817	1818	1819	MEANS.
January - -									6.08	9.04	
February - -									5.18	9.10	
March - - -									8.30	2.69	
April - - -									3.61	2.78	
May - - -									2.29	2.50	
June - - -									1.02	4.44	
July - - -									2.05	.98	
August - -								⁴ R 1.15	.47	1.08	
September -								1.29	6.40	4.92	
October - -								3.10	4.94	3.21	
November -								3.27	4.66	3.17	
December -								6.97	3.51	11.97	
TOTALS -									48.51	55.88	

c c c

Gauge fixed 28th August 1817

1819 Dec^r 17th 3.05 was registered, no rain on previous day

St Thomas' Exeter

Y179

Dorsetshire

Map Ref No HSE

*Beam 1 foot
Ex - 6*

+ Ground 3 ft + Sea level 50 ft

YEAR - -					1814	1815	1816	1817	1818	1819	MEANS.
January - -					3.54	2.30	3.34	4.42	3.60	5.40	
February - -					.80	2.30	1.95	1.23	3.94	4.27	
March - - -					1.38	3.92	2.01	1.98	5.78	.27	
April - - -					1.95	.70	1.00	0.00	6.33	2.42	
May - - - -					.10	3.60	1.33	3.67	1.56	3.55	
June - - - -					2.76	2.60	1.67	2.66	.76	2.25	
July - - - -					1.30	.95	5.36	2.22	.80	2.40	
August - - -					.96	.70	2.30	4.59	.07	2.20	
September -				1.67	2.02	1.85	1.28	.44	6.78	2.64	
October - -					3.05	5.24	1.82	1.12	2.40	2.31	
November -					2.10	1.90	3.39	2.79	4.16	2.74	
December -					2.90	2.20	7.34	4.13	3.12	4.35	
TOTALS -					22.86	28.26	33.59	29.25	39.30	34.80	

c c c c c c

Exeter Institution

Dorsetshire.

Map Ref No 88

Diam 6 in + ground 13.7^{ft} in
Ex - 6.

+ Sea level 155 ft

YEAR - -								1817	1818	1819	MEANS.
January - -								#3.38	2.94	4.72	
February - -								1.00	2.24	3.22	
March - - -								1.34	4.76	'28	
April - - -								.01	5.10	2.06	
May - - - -								3.58	1.20	3.08	
June - - - -								2.80	.66	2.08	
July - - - -								2.31	.94	1.88	
August - - -								3.88	.02	2.06	
September -								.48	5.08	2.30	
October - - -								.82	3.04	2.20	
November - -								2.64	3.90	2.08	
December - -								3.28	2.52	2.64	
TOTALS -								25.52	32.40	28.60	

c c c

RAINFALL AT

Widmouth Devon

1881

10

H. Clarke

Devonshire

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Axe and C - 7.

YEAR	<i>1810</i>	<i>1811</i>	<i>1812</i>	<i>1813</i>						MEANS.
January										
February				<i>3.00</i>						
March				<i>.85</i>						
April				<i>1.75</i>						
May				<i>2.75</i>						
June				<i>1.22</i>						
July				<i>2.96</i>						
August				<i>.85</i>						
September ...				<i>1.70</i>						
October				<i>3.80</i>						
November ...				<i>2.38</i>						
December				<i>1.35</i>						
TOTALS.....					<i>25.73</i>					

C

See Gentlemen's Magazine

RAINFALL AT Perrance

bornwald,

Observer _____

Rain { By.....

Gauge { Diameter.....in.

Height above Ground, 45 ft.....in.

From "Total book"

Above Mean Sea Level.....ft.

Lowry + S. E. Coast Streams. - 2.

[illegible]

RAINFALL 1770-1779

No.

(Old No.)

County Cornwall Station LUDGVAN

Authority Rev Wm Berlesc Grid Ref. DCnn No.

Altitude. metres 250 feet (O.D.)

Earliest year with complete data River Basin

File Tributaries

TF

	Average 1916-1950	1971 1770	1972 1771	1973 1772	1974	1975	1976	1977	1978	1979	1980	
January ...		3.16	3.29	6.44								
February ...		3.29	1.50	6.80								
March ...		4.03	2.90	5.54								
April ...		3.39	.90	2.88								
May ...		2.99	2.25	1.50								
June ...		3.19	.20	2.00								
July ...		1.95	.72	1.53								
August ...		1.85	3.62									
September		2.83	3.39									
October ...		(6.54)	4.55									
November		7.34	1.45									
December		4.09	5.34									
TOTAL ...		44.65	30.11									
1916-1950 Percentage												
D, d, or M												

AVERAGE ANNUAL RAINFALL Based on data for years. Date of calculation.

1916-1950 (Introduced.....)mm (.....in)
1931-1960 (Introduced.....)mm (.....in)
(Introduced.....)mm (.....in)

Type and capacity of gauge 3" square funnel

NOTES on inspections, unorthodox equipment or exposure, changes of equipment, site or altitude (each note to be dated):

See notes to sheets 1750-59 and 1760-69

NOTES on years with incomplete or unsatisfactory data:

..... Continue notes overleaf if necessary.

RAINFALL 1760-1769

No.

(Old No.)

County Cornwall Station LUDGVAN

Authority Rev. Wm Barbse Grid Ref. DCnn No.

Altitude metres 250 feet (O.D.)

Earliest year with complete data River Basin

File Tributaries

TF

	Average 1916-1950	1971 1760	1972 1761	1973 1762	1974 1763	1975 1764	1976 1765	1977 1766	1978 1767	1979 1768	1980 1769	
January ...			1.13	4.31	1.10	5.49	4.91	.05	(3.72)	6.89	4.68	
February ...			2.46	2.09	5.34	3.07	2.90	2.15	6.36	3.75	4.63	
March ...		1.27	1.28	2.79	(1.34)	(1.00)	8.66	2.18	3.59	.35	2.24	
April ...		.63	2.83	1.05	2.00		3.34	2.35	2.00	3.17	1.69	
May ...		(3.49)	3.38	1.00	.95		1.10	3.05	1.90	1.55	4.01	
June ...			.64	.20	2.65	2.53	1.46	4.45	.50	4.74	4.09	
July ...		1.85	1.07	.50	4.29	2.48	.91	2.27	5.77	4.89	1.32	
August ...			2.37	3.49	3.71	2.48	2.87	1.53	2.20	3.89	3.55	
September			3.49	4.29	2.33	1.69	2.03	1.95	2.39	4.50	3.69	
October ...			9.48	5.59	4.01	3.05	7.15	2.94	4.13	5.00	2.25	
November			5.39	3.21	5.77	3.05	4.43	4.11	2.57	6.92	6.34	
December		3.89	4.21	1.40	9.35	7.39	3.38	3.18	1.92	5.14	4.18	
TOTAL ...			37.73	29.92	42.84		43.14	30.21	37.05	50.79	42.67	
1916-1950 Percentage												
D, d, or M												

AVERAGE ANNUAL RAINFALL

Based on data for years. Date of calculation.

1916-1950 (Introduced) mm (..... in)
1931-1960 (Introduced) mm (..... in)
(Introduced) mm (..... in)

Type and capacity of gauge 3" square funnel

NOTES on inspections, unorthodox equipment or exposure, changes of equipment, site or altitude (each note to be dated):

Notes (Prof J. Cliver):
(i) gaps due to breakage of rainfall measure
(ii) May 1760, March 1763, March 1764, January 1767 and October 1770 are estimates by Barbse in cases where some recording doubt occurred. In Dec 1765 some water overflowed from the measuring glass.
See also notes to sheet 1750-59

NOTES on years with incomplete or unsatisfactory data:

Gauge read only 2 or 3 times per month

Continue notes overleaf if necessary.

METEOROLOGICAL OFFICE

RAINFALL 1750-1759

No.
(Old No.)

County Cornwall Station LUDGVAN
Authority Rev. Wm. Borlase Grid Ref. DCnn No.
Altitude..... metres 250 feet (O.D.)
Earliest year with complete data River Basin.....
File Tributaries
TF

	Average 1916-1950	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 1759	
January ...												
February ...											1.45	
March ...											3.36	
April ...											1.28	
May ...											.85	
June ...											5.27	
July ...											1.80	
August ...											2.22	
September											2.53	
October ...											4.52	
November											3.79	
December											3.07	
TOTAL ...												
1916-1950 Percentage												
D, d, or M												

AVERAGE ANNUAL RAINFALL Based on data for years. Date of calculation.
1916-1950 (Introduced.....)mm (.....in)
1931-1960 (Introduced.....)mm (.....in)
(Introduced.....)mm (.....in)

Type and capacity of gauge 3 inch square funnel

NOTES on inspections, unorthodox equipment or exposure, changes of equipment, site or altitude (each note to be dated):
Extracted from "William Borlase's contribution to meteorology and climatology" by Professor J. Oliver of Swansea University (copy in Truro Museum). Photo-copies of pp.305-310 held by Met-8 and of 275-317 in the library.
The above values were converted from mm to inches as an addition to the ms archives of the Meteorological Office by B.S.Water-Smith.

NOTES on years with incomplete or unsatisfactory data:
Gauge read only 2 or 3 times per month

Rainfall at Bristol

Y56

10

Gloucester.

13 Parish and 11

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Lower Avon - 5.

YEAR - -	1810	1811	1812			1810					MEANS.
January - -		2.62	.79			0.90					
February - -	.90	2.57	3.66			2.30					
March - - -	2.30	1.56	2.72			1.62					
April - - -	1.68	2.13	.65			1.42					
May - - - -	1.42	3.41	3.46			2.59					
June - - - -	2.59	1.81	3.02			1.55					
July - - - -	1.55	2.10	2.81			4.52					
August - - -	4.52	2.05	.97			2.66					
September -	2.66	4.05	1.90			2.66					
October - - -	2.66	4.38	4.73			3.45					
November -	3.45	3.45	3.08			6.80					
December -	6.80		.48			5.24					
TOTALS -			28.27								

c c c
 13 Parish and 11

I think all the entries in 1810 are one month too low

J.M. Craddock communicated the values for 1810 (right-hand version) in October 1975 - the source is the Gentleman's Magazine.

RAINFALL AT Shoud

Gloucester

Observer.....

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

Seven, L tank - 3.

YEAR.....	1810	1811	1812	1813							MEANS.
January.....	1.21	2.62	2.19	2.13							
February.....	2.08	3.52	(4.50)	5.68							
March.....	2.79	(2.92)	4.70	.98							
April.....	(3.80)	3.01	2.30								
May.....	3.60	5.76	3.87								
June... ..	1.91	2.76	4.25								
July.....	4.77	(3.61)	2.63								
August.....	2.90	2.47	(2.04)								
September.....	1.25	2.98	1.68								
October.....	(3.09)	4.76	(5.96)								
November.....	(6.89)	3.48	3.26								
December.....	(5.38)	1.80	.61								
TOTALS	39.67	39.69	37.99								

1810 April - gauge overflows
" Oct. "
" Nov. "
" Dec. "
1811 Mar. "
" July "
1812 Feb. "
" Aug. "
" Oct. "

Rainfall at Pool Cottage, Hereford

Lat: Lon. 5 $\frac{1}{4}$ miles S. of Hereford, on the west side of a hill and about 400 ft. above the Wye at Hereford.

Observer - James Pendegrass - Authority, ^{Ind. of Met. Soc.} ~~Quarterly Journal of Meteorology~~

On the ground 4 ft. above

Wye - 1.

Mps of SocV

YEAR - -									1818	1819	MEANS.
January - -									# 2.20	3.64	
February - -									1.62	3.66	
March - - -									1.52	1.05	
April - - -									5.01	2.30	
May - - - -									2.34	3.63	
June - - - -									1.43	2.51	
July - - - -									1.22	1.52	
August - - -									.50	.88	
September -									2.94	2.04	
October - -									2.67	1.63	
November -									4.20	1.65	
December -									.82	2.25	
TOTALS -									27.27	26.78	

✓ ✓
c c

In a second table Mr. P. gives

1818 ^{Total} 27.09 - Max = April 5.10 - Min: Aug^t = .52

1819 ~~26.78~~ Feb 3.63 Aug^t .88

✓ checked

RAINFALL AT South Kyme

Lincolnshire.

Observer.....

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Witham - 3.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	.27	1.33	1.96	.57	3.69	1.37	2.35	3.87	2.02	2.29	
February	1.33	1.56	3.21	2.51	.63	1.46	2.19	1.68	2.69	2.63	
March	2.71	.87	2.54	.76	2.17	2.64	2.37	1.73	3.63	1.37	
April.....	.90	1.42	1.57	2.10	1.48	2.29	2.06	.87	3.87	2.60	
May	1.43	2.36	2.10	2.53	1.45	1.26	2.52	3.42	2.59	2.54	
June.....	.82	1.97	2.51	2.78	2.57	2.00	4.91	2.65	.95	1.71	
July	3.47	3.62	3.46	3.47	1.31	1.60	4.62	2.83	.43	1.56	
August.....	3.12	2.59	1.86	.62	2.63	2.47	3.74	2.62	.32	.67	
September.....	.62	1.87	.47	1.63	1.48	1.82	4.06	.65	3.38	2.72	
October.....	2.98	2.58	3.54	4.96	2.59	2.93	3.49	1.46	1.96	1.83	
November.....	5.94	2.43	2.62	1.26	2.83	1.62	2.68	1.64	2.91	2.42	
December.....	4.86	2.42	.87	.73	3.48	2.86	2.92	3.82	1.43	2.61	
TOTALS	28.45	25.02	26.71	23.92	26.31	24.32	37.91	27.24	26.18	24.95	27.01 27.07

Situation of gauge unknown the amounts were entered by the Rev H. S. Newaker at the beginning of this register &c

MET. OBS. RAINFALL
RETROSPECTIVE SITE REVIEW

146637

NGR: TF(53)169496

ALT 15 ft = 5 metres, Date of ~~revision~~ 2-8-78

Rainfall at *Horncastle* (Line)

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

witham - 3.

YEAR - -	1810	1811	1812								MEANS.
January - -	1.14	1.02	1.50								
February - -	1.64	1.50	1.98								
March - - -	1.71	1.26	4.39								
April - - -	.82	1.21	1.33								
May - - -	2.40	3.10	1.27								
June - - -	1.54	1.30	3.20								
July - - -	3.50	1.45	2.72								
August - - -	4.13	1.26	2.08								
September -	.10	2.47	1.08								
October - -	2.40	3.05	4.20								
November -	5.23	1.85	2.21								
December -	3.47	2.15	1.48								
TOTALS -	28.08	21.62	27.44								

Co Co Co
Black Black

MET. O. S. RAIN-GAUGE
RETROSPECTIVE SITE NO. 1

145884

NGR: TF(53) 260696

ALV 95 ft = 29 metres. Date of review: 2-8-78.

Rainfall at Nottingham

470

10

hott.

Prof. J. Blanchard

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Trent, Leam - 5.

YEAR - -	1810	1811	1812	1813							MEANS.
January - -	1.05	2.07	1.07	1.78							
February - -	1.03	1.21	2.14	1.16							
March - - -	1.40	1.47	4.08	.78							
April - - -	1.00	1.04	1.08	.75							
May - - - -	2.60	3.73	2.87	2.74							
June - - - -	1.18	1.11	1.24	1.37							
July - - - -	3.85	2.63	1.86	2.19							
August - - -	2.61	1.24	1.86	.82							
September -	.62	2.37	1.35	1.60							
October - -	2.72	2.90	3.88	6.08							
November -	3.02	1.95	2.21	1.85							
December -	2.07	1.69	.78	1.53							
TOTALS -	23.15	23.41	24.42	22.65							

Blanchard

Rainfall at Derby

473

Derby.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Serment - 6.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	1.10	.62	1.15	.30	1.85	1.05	2.50	1.90	1.91	2.37	1.475 -
February - -	1.84	1.82	1.74	2.14	1.05	2.39	.75	2.03	.97	3.53	1.826
March - - -	1.50	1.58	4.15	.72	1.11	2.56	1.00	.74	4.07	1.02	1.845
April - - -	1.33	1.17	.71	.59	3.47	1.75	3.05	.03	6.86	1.55	2.051
May - - - -	3.20	4.10	1.86	3.25	.98	2.18	1.65	2.59	1.36	1.80	2.297
June - - - -	1.42	.88	2.12	1.17	1.98	1.73	1.65	2.53	.87	2.12	1.647
July - - - -	3.01	3.85	1.92	1.93	2.34	1.19	3.12	4.21	.78	1.79	2.414
August - - -	3.40	1.23	1.61	.56	2.76	2.75	1.43	5.75	.30	1.19	2.098
September -	1.85	2.33	1.06	1.42	1.49	2.54	2.75	.33	2.88	2.45	1.910
October - -	2.52	3.50	4.16	5.24	3.44	2.34	3.30	.42	1.85	1.21	2.798 +
November -	6.16	2.00	2.36	1.62	2.60	1.53	1.90	2.03	3.91	.92	2.503
December -	2.26	1.28	.95	1.83	4.81	2.12	3.18	3.40	.15	3.59	2.357
TOTALS -	29.59	24.36	23.79	20.77	27.88	24.13	26.28	25.96	25.91	23.54	25.221

c c c c c c c c c c

1813 Jan 1 is .38 in Blanchard's Paper.

RAINFALL AT Ashover

✓ 182

10

W. Chesterfield

Derby.

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

serment 6.

YEAR	1810	1811	1812	1813							MEANS.
January			1.40								
February			3.27								
March			4.00								
April			1.15								
May			3.50								
June			2.70								
July			2.41								
August			2.00								
September ...			1.37								
October			5.40								
November ...			3.10								
December			1.18								
TOTALS			31.48								

W. Chesterfield

107386

Y71

10

Rainfall at Chatsworth (Derbyshire)

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Segment - 6.

YEAR - -	1810	1811	1812	1813							MEANS.
January - -	.58	.99	1.48	1.02							
February - -	1.15	4.25	3.66	3.59							
March - - -	2.10	1.72	5.22	.87							
April - - -	1.92	1.73	1.38	.68							
May - - - -	2.89	3.10	2.31	4.28							
June - - - -	.87	1.81	3.48	2.17							
July - - - -	2.23	2.66	2.31	2.42							
August - - -	2.92	1.73	1.34	.59							
September -	2.13	2.33	1.67	2.16							
October - -	1.73	3.14	4.45	5.46							
November -	4.59	2.56	2.85	3.11							
December -	4.87	1.88	1.50	1.17							
TOTALS -	27.98	27.90	31.65	27.52							

c c c c

136

MET. 0.8 RAINMASTER
RETROSPECTIVE SITE REVIEW

107386

NGR: SK(43) 263704

ALT: 455 ft = 139 metres. Date of review: 20-7-78

Rainfall at Alderley Rectory, Knutsford Cheshire. E-11

10

185

Cheshire

Observer Rev: E. Stanley Authority

Upper Mersey - 1.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -						.42	2.40	1.17	3.17	3.31	
February - -						1.04	1.52	3.44	2.50	3.44	
March - - -						3.96	1.36	2.34	3.98	1.68	
April - - -						1.25	2.28	.28	4.25	1.77	
May - - - -						3.21	2.80	2.85	1.56	1.92	
June - - - -						2.20	2.54	4.00	1.29	3.58	
July - - - -						2.48	5.10	5.10	1.38	2.77	
August - - -						3.97	1.55	4.00	.86	2.03	
September -						2.55	2.05	.70	1.10	1.59	
October - -						2.56	4.00	.63	2.42	2.85	
November -						1.92	3.71	2.89	2.55	2.43	
December -						3.00	2.64	3.81	.52	4.25	
TOTALS -						29.36	31.95	32.01	25.58	31.62	

c c c c c

186

10

RAINFALL AT Blackley nr Manchester
Lancashire

Observer Rev R A Singleton

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

YEAR.....	1810											MEANS.
January.....	1.460											
February.....												
March.....												
April.....												
May.....												
June.....												
July.....												
August.....												
September.....												
October.....												
November.....												
December.....												
TOTALS.....												

From "Repository of Arts" lent by Mr. G. J. P. Cave, 1908.
Entered 15. II. 1909.

Manchester

Y81

00

D^r Dalton

10 in diameter 2 ft + ground

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	2.86	2.42	1.97	1.65	2.70	2.10	5.85	2.34	2.68	.80	2.545
February - -	.44	1.85	3.73	2.66	1.47	2.99	1.61	3.22	1.51	1.65	2.113
March - - -	2.37	2.89	.86	2.59	2.04	2.45	1.06	¹⁰⁰ (2.24)	.18	.44	1.712
April - - -	4.10	.79	1.97	1.33	3.06	1.14	.50	⁷⁵ (2.05)	1.98	.99	1.791
May - - - -	2.85	2.60	.86	2.50	1.36	2.16	1.11	2.97	2.70	3.37	2.248
June - - - -	.71	.53	3.12	3.53	1.80	2.63	1.40	2.16	2.08	3.08	2.104
July - - - -	.29	4.85	6.23	1.11	3.17	3.66	1.97	2.27	2.01	2.15	2.771
August - - -	1.05	.73	3.22	1.73	2.90	2.92	2.90	2.51	3.83	4.66	2.645
September -	6.55	6.41	2.18	1.26	.24	1.46	2.01	5.81	2.70	5.30	3.392
October - -	4.37	4.27	6.13	1.40	6.02	1.27	1.94	2.22	5.65	.76	3.403
November -	3.70	3.15	1.88	3.75	3.06	.62	5.86	5.00	3.63	2.60	3.325
December -	3.05	4.56	3.59	3.96	1.49	4.06	7.28	2.71	2.21	⁵⁰⁰ (3.53)	3.644
TOTALS -	32.34	35.05	35.74	27.47	29.31	27.54	33.49	35.50	31.16	29.33	31.693

C

C

C

C

C

C

C

C

32.96

C

C

30.79

7 May 1807 March & April and 1809 Dec^r averages

* Pencil figures est^d 24.1.10

See also version in book for 1895-1840
which was used for engraving

2107

25.

Rainfall at Manchester Hospital.

180
00

Thomas Hanson

Monthly Mag:

Diameter of Gauge, 6 in. Height above Ground, ft. in. Above Mean Sea Level, ft.

YEAR - -								1807	1808	1809	MEANS.
January - -								2.84	2.70	2.67	
February - -								2.60	1.48	1.96	
March - - -								.82	.24	.35	
April - - - -								.57	1.32	.96	
May - - - -								3.83	1.76	3.42	
June - - - -								2.00	2.05	2.45	
July - - - -								2.51	2.44	1.79	
August - - -								2.54	2.18	3.85	
September -								6.26	2.71	4.22	
October - -								2.38	5.32	.61	
November -								4.70	3.10	2.14	
December -								2.62	1.79	4.68	
TOTALS -								33.67	27.09	29.10	

Figures agree with copper-plate diagram drawn & issued by T. Hanson in possession of the Met. Soc.

Note. "The funnel of the gauge was made of common sheet tin, painted. It was 6 inches in diameter with an upright rim about an inch broad. It was placed at the top of the hospital at a sufficient distance from the chimneys. A tin tube $\frac{1}{4}$ in. in diameter is conveyed (from the funnel) into an attic where a vessel receives the rain. Care was taken to prevent evaporation as the water was never suffered to remain long without being measured".
from "Repository of Arts" Vol II, 1809, p. 244. lent by Mr. C. J. P. Cave '08.

Rainfall at Carlisle. (Thaddougate) E - N

12 m from sea

Observer Mr Pitt

4120

Gauge

Above Sea Level 40 feet

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	1.84	1.30	1.41	2.02	.44	.82	1.85	1.57	3.51	3.62	1.838
February - -	1.22	3.80	4.62	3.67	1.12	1.54	.78	3.20	1.67	3.10	2.472
March - - -	3.80	2.20	2.75	.81	.93	4.05	1.88	2.13	6.10	1.58	2.623
April - - -	1.01	1.60	1.12	1.68	4.31	.86	1.38	.31	2.56	1.68	1.651
May - - - -	.53	6.02	1.71	4.01	.57	3.86	2.31	2.71	1.11	1.87	2.464
June - - - -	1.60	2.25	2.81	1.00	1.50	3.13	1.51	3.06	1.75	2.11	2.072
July - - - -	3.24	2.40	1.61	3.11	3.61	1.66	4.57	3.64	4.11	3.66	3.161
August - - -	3.22	2.88	2.58	1.08	2.09	2.54	1.33	5.71	1.85	1.60	2.488
September -	1.70	2.35	2.91	1.98	.96	3.38	3.32	1.46	3.66	2.27	2.399
October - - -	3.12	2.47	2.72	3.12	3.01	3.77	2.36	1.17	3.49	5.15	3.038
November - -	3.15	4.00	2.02	2.23	4.16	2.22	2.04	2.80	3.30	3.28	2.920
December - -	4.30	3.26	.61	.97	4.92	3.93	2.44	2.75	1.60	3.34	2.812
TOTALS -	28.73	34.53	26.87	25.68	27.56	31.76	25.77	30.51	34.71	33.26	29.938

C C C C C C C C C C C

o-g Phil: Tr: Col

see also sheet book
1895 - 1840

Nyde. Sta. no. 44- 606269

NQR: (35) 401555

Alt. 12m

Sam^l Marshall

Harroson to 1817 Gough 1818-20

Diameter of Gauge, *8*..... in.

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

Above Mean Sea Level, *14.9*... ft.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January -	2.69	3.52	2.90	3.92	1.09	1.18	3.92	3.06	6.81	6.23	3.532
February -	4.15	7.32	8.51	8.91	3.24	3.94	3.46	5.47	3.52	5.45	5.397
March - -	4.26	4.33	4.05	4.34	1.65	10.45	4.34	4.27	7.44	2.45	4.758
April - - -	1.03	3.58	1.06	3.06	4.29	1.24	2.62	2.31	3.82	1.80	2.481
May - - - -	.81	7.32	5.24	5.15	.36	5.01	2.63	3.88	2.14	1.61	3.415
June - - - -	2.10	3.93	3.89	2.22	2.26	3.39	2.83	2.98	2.36	3.59	2.955
July - - - -	3.49	4.63	4.37	2.22	4.19	2.64	3.86	3.58	3.58	4.60	3.716
August - - -	4.54	5.43	2.29	2.09	4.21	5.14	3.51	4.61	1.52	3.61	3.695
September -	2.07	1.48	3.87	4.48	1.36	5.81	6.47	4.00	6.68	4.54	4.076
October - -	3.97	8.38	6.04	5.13	5.83	6.87	4.21	5.20	5.99	3.85	5.547
November -	4.00	6.62	3.83	5.71	6.05	4.88	4.05	4.91	5.17	3.69	4.891
December -	8.41	6.94	1.24	2.17	10.42	6.89	6.83	6.56	2.55	5.25	5.726
TOTALS -	41.52	63.48	47.29	49.40	44.95	57.44	48.73	50.83	51.58	46.67	50.189

*C Harroson
O to 7 are Harroson*

Rainfall at *Fellfoot near Milnthorpe, Westmoreland.*

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

YEAR - -	1810											MEANS.
January - -	4.87											
February - -	3.11											
March - - -	8.00											
April - - -	2.30											
May - - - -	.60											
June - - - -	1.92											
July - - - -	4.55											
August - - -	4.75											
September -	2.60											
October - - -	5.43											
November - -	4.86											
December - -	8.28											
TOTALS - -	51.27											

MET. O. S. RAINFALL ST.
RETROSPECTIVE MEASUREMENT

587611

NGR: 5D(34) 381868

ALT: 185 ft = 56

metres. Date of revision: 24-7-78

Rainfall at Corsewall

Y195

10

Wighton.

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

Western Galloway - 2.

YEAR - -							1816	1817	1818	1819	MEANS.
January - -								.28	3.88	3.58	
February - -								3.95	2.95	4.75	
March - - -								3.50	4.02	2.34	
April - - -								.15	2.68	1.66	
May - - - -								2.10	1.29	2.22	
June - - - -								3.49	2.90	3.85	
July - - - -								2.57	3.73	2.66	
August - - -								3.68	.46	2.17	
September -								.83	4.39	3.44	
October - - -								1.58	4.60	4.57	
November -							x 1.60	4.34	4.48	3.25	
December -							4.70	3.26	5.85	4.94	
TOTALS -								29.73	41.23	39.43	

* From 16th Novr.

638251

Terminals 1964

NCR^{NW} 980727

Ht. 15m = 49ft

Y196

10

RAINFALL AT *Eyemouth* *Berwickshire*

Observer

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

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

Above Mean Sea Level.....ft.

E. Coast streams - 5.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....				1.380							
February.....				1.760							
March.....				.406							
April.....				1.604							
May.....				3.080							
June.....				1.600							
July.....				2.260							
August.....				1.020							
September.....				1.260							
October.....				3.740							
November.....				1.100							
December.....				2.010							
TOTALS.....			28.430	21.220							

Recd. from Mr. R. B. Mossman and entered 30. X. 1909.

*Believed to have formed part of the Gordon Castle registers
compiled by Mr. James Hay, the observer there.*

Y198

10

RAINFALL AT *Nursery, Leith Walk.**Midlothian.*

Observer

Rain { By.....
Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

Almond TC-5.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....						1.341					
February.....						1.305					
March.....						2.257					
April.....						.855					
May.....						3.142					
June.....						2.070					
July.....						1.807					
August.....						1.295					
September.....						1.820					
October.....						2.675					
November.....						.490					
December.....						1.560					
TOTALS						20.617					

Recd. from Mr. R. B. Mossman and entered 30.X.1909.
Believed to have formed part of the Gordon Castle registers
compiled by Mr. James Hoy, the observer there.

MET. O. 8 RAIN GAUGE
RETROSPECTIVE USE ONLY

900000

NGR: NT(36) 266751

ALT: 75 ft = 23 metres. Date of review: 28-7-78

10

76a

Edinburgh

1999

10

midwinter.

Almond &c - 5.

899995

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -		1.61	1.48	830		1.504			2.49	3.50	
February - -		3.30	3.59	2.255		1.461			.80	1.78	
March - - -		1.37	3.10	250		2.225			1.26	.88	
April - - -		1.72	1.10	2.030		.889		2.24	.60	3.00	
May - - - -		3.35	2.10	3.210		3.013		.31	1.80	2.30	
June - - - -		3.68	2.23	1.440		2.290		.29	2.00	1.60	
July - - - -	3.825	2.77	1.34	2.580		2.178		1.72	3.40	1.48	
August - - -	3.140	2.12	3.40	.860		1.368		3.11	.70	1.98	
September -		1.70	1.08	1.230		1.897		1.18	1.80	1.40	
October - - -	2.325	3.43	2.82	2.940		2.837		1.05	1.10	3.78	
November - -	4.500	3.90	3.98	1.450		.561		.30	2.60	2.38	
December - -	2.825	3.69	.89	1.070		1.607		.80	2.50	2.93	
TOTALS -	11.115	32.64	27.11	20.145		21.830			21.05	27.07	

2 - Leslie's 10-31

Apr. 1817 to Apr. 1818 Calton Hill, Ob.^y

From May 1818 Dr. Nelson's Mount

1810 imp. 7-9 } Recd. from Mr. R.B. Mossman and entered 30.X.1909.
 1811 } They are believed to have formed part of the Gordon
 1813 (monthly totals only) } Castle registers which were compiled by Mr. James
 1815 } Hay the observer there.

1819. The revised figures sent by Mr. Mossman appear to be correct.

It appears that in the original totals a cipher has always been inserted in the place of the last figure.

MET. O. S. RAINMASTER
RETROSPECTIVE RECORD

899995

NGR: NT(36) 263742

ALT: 325 ft = 99 metres. Date of review 28-7-78.

Leadhills, Lanark

Y 100

10

Clyde L. bank - 5.

1200 ft + 5L

YEAR - -				1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -											
February - -											
March - - -											
April - - -					6.67	1.90	1.98	.61	3.37		
May - - - -				5.10	.93	6.20	3.91	5.01	1.66	3.09	
June - - - -				2.12	2.97	3.52	2.65	3.10	4.52	6.13	
July - - - -				4.32	4.85	2.99	5.13	5.15	6.31	2.80	
August - - -				1.68	6.03	7.76	3.43	7.28	2.64	2.43	
September -				5.23	4.12	8.99	7.21	3.25	7.05	4.22	
October - -				4.73	6.04	7.38	4.57	2.00	7.48	7.90	
November -											
December -											
TOTALS -											

c c c e c c c

3-9 Ed Phil Jour 4-27

RAINFALL AT Largs *called Brisbane in 1st ed. Book*
Ayrshire.

Observer

Rain { By.....
Gauge {

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

7th of Clyde 2.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	3.740	4.263	2.412								
February.....	3.191	7.488	4.280								
March.....	4.051	3.002	2.412								
April.....	3.170	5.781	1.366								
May.....	732	4.323	2.230								
June.....	1.781	2.882	2.480								
July.....	3.100	2.099	2.173								
August.....	3.244	7.065	3.394								
September.....	1.804	2.628	2.778								
October.....	2.399	5.956	5.381								
November.....	4.859	5.854	5.257								
December.....	6.643	5.056	1.049								
TOTALS.....	38.714	56.397	35.212								

Received from Mr R. B. Mossman and entered 30.X.1909.
Believed ~~to~~ to have formed part of the Gordon Castle registers
compiled by Mr. James Hay, the observer there.

MET. OFF. KILPATRICK
RETROS. REV. 649120

NGR: NS(26)209622
ALT: 170 ft = 52 metres. Date of review 28-7-78

Rainfall at Greenock Infirmary

Y202

U

10

Renfrew.

Observer

Inpret No. 82

Gauge
Finn of Clyde - 3.

120 ft + S. Level

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -			1.83	2.27	0.00	1.81	3.18	4.62	6.77	4.37	
February - -			3.42	6.17	2.00	3.93	1.94	4.34	2.82	3.51	
March - - -			2.90	1.97	1.17	5.48	2.76	4.72	4.13	2.13	
April - - -			1.29	1.86	2.46	1.27	.91	.21	1.35	5.20	
May - - - -			2.14	3.40	.35	3.13	2.69	2.47	1.10	1.44	
June - - - -			1.45	.67	1.20	1.82	1.87	3.10	2.89	2.87	
July - - - -			2.66	3.18	2.81	1.23	4.64	3.64	4.28	1.86	
August - - -		4.88	3.73	.95	3.33	2.65	1.52	4.68	1.14	1.25	
September -		2.44	2.25	2.20	1.55	4.08	5.13	1.51	3.65	2.96	
October - - -		5.10	3.94	3.03	4.38	5.78 5.78	3.08	1.23	2.94	3.94	
November -		4.61	4.54	3.55	5.92	2.70	2.74	4.64	2.98	1.48	
December -		5.97	.72	.77	5.57	3.88	4.61	4.23	3.30	3.98	
TOTALS -			30.87	30.02	30.74	36.76	35.07	39.39	37.44	34.99	

5 - Cleland Stat. 6-12

1 - 9 1815. Oct. is given as 5.78 and the year as 36.76 in. on card
2 - 10-31 recd. from Mr. Mossman 30.899.

1815 Tot = 36.76
16 " = 34.97
17 " agrees
18 Nov 288 Tot 37.34

} in an
old
lyt

Glasgow Weather Centre,
118 Waterloo Street,
Glasgow C.2.

19th June 1969.

Dear Mr. Allen,

I thank you for your letter and for your interest in the 'Journal of Adam Bald'. I apologise for not replying to your letter sooner.

Thank you also for the copies of rainfall values from Greenock, Glasgow and Bothwell. Although the actual totals contained therein obviously cannot be relied on, these being only about 60% of current values in the case of Greenock and Glasgow, they admittedly give some idea of comparisons one year with another. You will have already reached your own conclusions as to the reasons for the deficits in these early readings. It seems to me that the gauge at Macfarlane Observatory was probably over exposed at 20 ft above the ground. Probably the winter readings were more seriously underestimated than the summer values due to the comparative windiness of the winter season. Therefore a flat percentage adjustment would not necessarily be the complete answer. There was probably also a loss of snowfall particularly perhaps during January 1814.

It was not my intention to draw any definite conclusion from Adam Bald's notes. I deliberately didn't refer to any available statistics for the period to avoid bias. It is quite possible that my estimates have gone astray in places. One problem encountered was the shortness of the descriptions given by Bald for the years 1811 and 1812 compared with those for the years 1813 to 1818 (inclusive). This would account for my apparent underestimate of the rainfall for the years 1811 and 1812.

By the way I followed the usual practice in splitting the year equally in four i.e. March - May (spring), June - Aug. (summer), Sept. - Nov. (autumn), Dec. - Feb. (winter).

Yours sincerely

Douglas B. Paterson.

Oct - March inclusive

1810/11	12.79	
1811/12	13.45	
1812/13	13.38	
1813/14	6.25	Driest winter
1814/15	16.23	Wettest winter
1815/16	9.98	
1816/17	9.98	
1816/17	11.95	
1817/18	13.20	
1818/19	14.05	

Autumn

Aug - Oct inclusive

10	4.77	
11	7.67	
12	9.86	Wettest Autumn
13	5.26	
14*	5.92	
15	7.02	
16	7.81	2 nd Wettest
17	4.37	} Driest Autumn
18	4.57	
19	6.25	

Rouinfall at Bothwell Castle
7m SE of Glasgow

Y203

U 10
Lanark.

Observer

150a

Gauge
cl. at R. bank - 4.

Above Sea Level

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	1.77	2.46	1.46	1.72	.08	.09	2.50	3.40	4.47	4.21	2.296
February - -	1.45	3.30	2.46	4.30	1.15	2.28	1.45	3.63	2.54	2.57	2.513
March - - -	2.47	1.43	2.32	1.30	.88	2.88	1.85	3.67	2.78	1.69	2.127
April - - -	.77	2.57	.97	.90	2.79	.74	.75	.26	1.59	2.79	1.417
May - - - -	.71	3.64	1.48	2.76	.04	2.76	1.82	3.81	1.40	2.04	2.054
June - - - -	1.96	2.13	2.63	.84	.10	1.59	1.45	2.92	2.47	1.53	1.762
July - - - -	3.64	2.59	1.76	3.47	1.85	2.04	5.92	2.10	4.49	1.15	2.901
August - - -	2.41	3.51	2.51	.57	2.89	2.60	1.28	3.71	.97	1.50	2.195
September -	.62	1.37	1.71	1.40	.81	2.33	3.28	1.43	2.21	1.47	1.663
October - -	1.81	2.83	3.55	2.53	3.25	3.28	1.77	1.24	2.47	4.91	2.764
November -	3.33	3.75	3.99	1.91	3.17	1.91	1.62	3.48	2.89	3.00	2.905
December -	4.07	3.50	.15	1.02	4.61	1.38	2.22	2.90	1.77	1.03	2.265
TOTALS -	25.01	33.00	24.99	22.72	21.62	24.68	25.91	32.55	30.13	27.89	26.862

5. Clelands Stn 6-11
0-2 ft of Bute 10-50

Hyd. Sta. No 71-656505
N.R. N3 (26) 691594

1815-1818 agree with old ppt

Rainfall at Macfarlane Observatory Glasgow

10

Lanark.

D. Cowper Prof of Astronomy

Gauge by Brichton of Glasgow
Clyde, R. bank - 4.

20ft + Ground; 80ft + the Clyde

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	1.74	1.72	1.35	1.24	.03	1.16	1.34	2.62	2.59	2.91	1.670
February - -	1.28	2.74	1.42	2.75	.83	2.31	1.51	3.10	2.16	2.26	2.036
March - - -	1.69	1.25	1.87	1.34	.70	2.46	1.13	.63	1.95	1.14	1.416
April - - -	.66	2.05	.84	.22	1.65	.92	1.24	.07	1.42	1.54	1.061
May - - - -	.51	2.78	1.44	2.13	.63	2.10	1.72	1.93	1.21	2.60	1.705
June - - - -	1.15	1.98	1.80	.79	.13	1.25	1.58	2.31	.90	1.28	1.317
July - - - -	3.72	1.64	1.53	2.34	2.48	1.53	4.31	1.77	4.96	.50	2.478
August - - -	2.87	3.55	2.17	1.31	2.40	2.35	2.15	2.85	.31	1.23	2.119
September -	.72	1.27	2.34	1.56	.38	2.27	3.21	.63	2.02	1.98	1.638
October - -	1.18	2.85	5.35	2.39	3.14	2.40	2.45	.89	2.24	3.04	2.593
November -	3.37	3.25	2.45	1.36	2.98	1.82	1.01	2.55	3.83	2.39	2.501
December -	2.53	2.71	.25	.94	4.18	1.78	2.14	3.06	1.67	2.17	2.143
TOTALS -	21.42	27.79	22.81	18.37	19.53	22.35	23.79	22.41	25.26	23.04	22.677

0-9 Cleland's Enumeration

610-29

Hyd Sta. No. 71-658941
NSR: NS (26) 597651
alt 24m

1815-18 agree with old ppt

Carbeth, Stirling
 Lat 55.59.50 N; Lon: 4.21.52 EW

Y205

10

466 + Clyde
 480 ft + S.L.

Clyde, R. bank - 5.

YEAR - -						1815	1816	1817	1818	1819	MEANS.
January - -						.75	3.87	4.70	6.85	4.72	
February - -						4.86	3.26	4.56	5.03	4.20	
March - - -						5.56	2.81	4.61	2.92	2.84	
April - - -						1.43	1.67	.32	.68	3.66	
May - - - -						3.68	3.44	3.37	1.39	3.45	
June - - - -						1.83	2.75	4.41	3.36	3.67	
July - - - -						1.71	4.62	3.25	4.80	3.02	
August - - -						3.64	1.61	6.18	1.27	2.41	
September -						5.55	6.10	2.16	2.91	3.51	
October - -					#4.42	5.31	2.67	1.35	4.38	4.07	
November -					4.73	3.87	2.85	4.47	5.03	3.41	
December -					5.50	3.20	3.94	5.59	2.76	3.88	
TOTALS -						41.39	39.59	44.97	41.38	42.84	

✓ ✓ ✓ ✓ ✓

5-9 Ed Phil Jour 4-28
 5 Glendons Stat 6-12

1819 Mr. Buchan gives Sept = 2.04 but total 42.84 as above.
 1817 " " " May = 3.71 and total 45.36

Rainfall at *Pladda*

Y206

10

Bute.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Arran - 3.

YEAR - -	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -		.04	1.60	4.35	4.89	6.60	5.13	
February - -		.19	3.40	1.46	5.23	4.49	3.44	
March - - -		.26	4.50	3.90	5.55	4.10	1.93	
April - - - -		1.64	1.24	1.00	.48	2.39	2.15	
May - - - - -		.23	4.34	2.54	2.22	1.33	2.48	
June - - - - -		.58	2.91	1.64	5.02	3.24	4.14	
July - - - - -		1.68	1.98	3.06	2.08	5.61	2.06	
August - - -	5.30	1.59	3.94	2.61	4.65	1.32	1.46	
September -	1.51	.24	5.89	5.25	2.21	2.83	2.41	
October - - -	1.80	3.19	5.78	4.60	1.68	3.40	4.01	
November - -	1.56	4.42	2.43	3.64	4.08	3.48	3.08	
December - -	1.80	6.69	5.60	5.33	3.81	3.94	4.46	
TOTALS -		20.78	43.94	39.71	42.20	43.06	36.78	

Y207
Rainfall at Prothesay Mount Stewart

U

10

See 2-19

Bute

Observer

Authority

hyage
Date - 1.

Above Sea Level

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	6.13	4.76	3.81	5.95	.83	1.73	5.89	5.65	7.40	6.60	4.875
February - -	3.81	9.88	4.76	9.17	3.39	3.63	1.49	6.67	5.70	5.20	5.370
March - - -	3.57	2.98	4.64	3.81	2.02	8.09	4.76	5.71	5.90	2.90	4.438
April - - -	3.57	5.00	1.19	2.14	4.29	2.02	1.19	.83	1.40	2.50	2.413
May - - - -	.83	6.53	3.57	2.38	.36	4.70	3.81	1.90	1.75	5.15	3.098
June - - - -	2.14	3.81	2.14	1.61	2.38	5.48	3.57	4.64	4.85	4.90	3.546
July - - - -	4.05	2.86	2.98	2.98	4.52	2.44	2.74	6.21	5.90	3.00	3.768
August - - -	3.93	8.09	4.76	1.90	5.00	5.06	2.74	6.67	2.05	2.15	4.235
September -	2.20	2.26	2.86	3.93	2.14	8.33	6.25	2.86	4.30	5.85	4.098
October - -	3.45	9.82	9.05	4.52	4.76	6.61	3.75	2.68	5.85	5.70	5.619
November -	4.52	6.79	4.52	5.95	7.38	4.11	3.93	6.19	6.30	2.85	5.254
December -	8.33	8.57	1.79	2.14	7.62	5.47	7.02	5.95	6.50	6.75	6.014
TOTALS -	46.53	71.35	46.07	46.48	44.69	57.67	47.08	55.96	57.90	53.55	52.728

0-9 Stat Act 2-19

Compared with the original M. S. by W. J. Ray

Hyd. Sta. No. 76 - 667495

NGR: NS (26) 109596

alt. 30m

Bute

Y208

10

Bute - 1

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	5.36	4.03	4.00		1.00	1.10		1.66	2.92	2.52	
February - -	4.59	10.37	5.02		2.56	1.20		1.78	2.4	1.50	
March - - -	3.75	3.13	4.83		2.58	.68		1.60	2.28	1.65	
April - - -	3.80	4.26	1.28		1.63	.27		1.5	2.29	2.14	
May - - - -	.22	6.89	3.74		2.63	1.63	1.12	1.23	2.40	1.69	
June - - - -	2.19	4.00	2.20		1.50	.85	.80	1.94	2.44	1.91	
July - - - -	4.09	3.02	3.20		1.06	.65	2.31	1.70	2.32	2.26	
August - - -	4.35	8.47	4.04		.90	.61	2.11	2.67	1.60	.91	
September -	2.06	2.58	3.03		.61	1.60	2.37	1.80	1.77	1.57	
October - - -	3.70	10.33	9.58		1.63	1.11	1.77	.86	1.65	1.63	
November - -	4.81	7.03	4.67		1.80	1.36	1.15	1.90	1.68	1.85	.90
December - -	8.58	9.11	1.87		.58	2.00	1.53	1.62	2.12	1.22	
TOTALS -	47.50	73.22	47.46		12.88	8.55		17.69	15.63	10.92	

47.58 / 67.90 / 48.31
76.00

0-2 g/h Bute 10-29

Rainfall at Inchkeith

Yr 10

10

7 ft.

7 ft.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Inches - 6.

YEAR - -	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	3.00	.10			1.46	2.92	2.52	
February - -	2.16	1.20			1.78	.84	1.50	
March - - -	2.62	.68			1.60	2.28	.65	
April - - -	3.63	.27			.15	2.39	2.14	
May - - - -	3.63	1.63	1.12		3.23	2.40	1.69	
June - - - -	1.10	.85	.86		2.94	2.46	1.91	
July - - - -	1.06	.65	3.31		1.70	3.32	1.26	
August - - -	.90	.61	2.11		3.67	1.60	.92	
September -	.61	1.60	2.37		1.20	1.49	1.57	
October - -	1.63	1.11	1.77		.86	1.65	3.43	
November -	4.80	1.36	.15	1.90	1.68	1.85	1.94	
December -	.58	0.00	1.54		1.42	2.12	1.25	
TOTALS -	22.28	8.85			21.69	25.62	20.78	

Rainfall at Mull of Kintyre

Y209

Argyll.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Kintyre W - G.

YEAR - -	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	1.29	2.34	3.44	3.28	2.82	4.81		
February - -	4.25	1.67	1.34	2.17	1.46	3.07		
March - - -	6.50	3.48	3.47	2.37	4.26	2.16		
April - - -	3.33	.99	1.21	1.29	2.64	1.60		
May - - - -	1.05	3.65	3.01	1.64	2.00	2.33		
June - - - -	1.98	1.80	3.39	4.23	3.43	6.08		
July - - - -	1.65	2.31	5.08	3.37	2.25	2.35		
August - - -	5.50	3.24	3.72	2.73	4.70	1.25	2.38	
September -	1.04	1.85	4.89	4.39	1.00	3.81	1.78	
October - - -	2.56	4.40	5.85	4.12	.60	2.25	3.10	
November - -	1.06	5.22	2.03	2.02	3.46	2.90	3.62	
December - -	3.16	6.23	3.54	2.31	3.97	3.74	5.16	
TOTALS - -	40.99	36.27	36.51	32.08	32.81	38.44		

C C C C C C C

Rainfall at Isle of May

4211

Life

Life.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Isular - 6.

YEAR - -							1816	1817	1818	1819	MEANS.
January - -								<i>No entries</i>	2.39	2.25	
February - -								.93	.97	1.99	
March - - -								.58	1.91	.58	
April - - -								.49	1.80	2.63	
May - - - -								1.00	3.39	1.52	
June - - - -								2.84	2.04	1.65	
July - - - -								2.24	2.10	1.51	
August - - -							1.58	3.66	.65	.77	
September -							.57	.93	2.49	1.57	
October - -							<i>No entries</i>	.82	1.92	3.66	
November -								1.89	1.73	1.84	
December -								1.15	1.63	1.84	
TOTALS -									23.02	21.81	

C C C C

Kingfarms, 4 m below Perth
On the banks of the Tay, E of

422

10

Perth.

Obs: Rev: R. Gordon
Mps Ref No. 86

h^{ft} + g^d
Tay, L. bank - 16.

185 ft + S L

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -		1.45	.72					1.90	2.86	3.37	
February - -		2.63	2.16					1.68	1.22	2.19	
March - - -		.90	.86					.96	2.20	.76	
April - - -		1.91	1.38					.60	2.46	4.17	
May - - - -		3.12						3.05	2.79	1.24	
June - - - -		2.20	2.89					4.35	1.73	2.62	
July - - - -		2.86						3.20	3.98	1.26	
August - - -		2.71						5.28	.69	1.31	
September -		1.78						.90	2.66	1.52	
October - -		4.41						1.47	1.96	4.02	
November -		2.97						2.71	3.05	1.52	
December -		1.80	.65					2.41	1.80	1.65	
TOTALS -		28.74						28.51	27.40	25.63	

9 Ed Phil Jour 6-21

"On the South side of a hill 400 feet high." Ed: Phil: Journal

7-9 Blackwood

Vol. II p 369

RAINFALL AT *Kinfauns Castle*

Y213

10

Perth.

Observer

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

Gauge on Tower

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

Above Mean Sea Level. 129 ft.

Tag. L. back - 16.

YEAR.....	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	1.45	.72	1.05	.60	.70	1.52	1.42	2.45	2.49	
February	2.63	2.16	2.66	.63	1.50	.60	1.50	.86	1.40	
March .. .....	.90	.86	.41	.85	1.50	1.00	.90	1.62	.80	
April	1.91	1.38	.73	1.75	1.04	.76	.40	1.03	3.45	
May	3.12	1.41	2.50	.75	2.22	1.80	2.80	1.67	.92	
June	2.20	2.89	1.07	.57	.71	1.16	4.08	1.34	1.96	
July.....	2.86	2.56	2.44	1.72	1.80	3.00	3.00	3.20	.95	
August.....	2.71	2.38	.63	2.60	1.52	2.80	4.00	.70	1.25	
September.....	1.78	1.06	1.72	.57	1.69	2.27	.77	1.99	1.30	
October	4.41	3.18	1.70	1.02	2.42	1.55	1.05	1.40	3.88	
November	2.97	3.50	1.47	2.30	1.25	1.50	2.30	2.22	1.50	
December.....	1.80	.65	.95	2.23	1.35	1.65	1.34	1.41	1.32	
TOTALS.....	28.74	22.75	17.33	15.59	17.70	19.61	23.56	19.89	21.22	

From Original Register Book returned.

The Printed Cards for 1814 & 1817 give the following

	1814	1817
Gauge No 1 On a conical detached hill 600 ft above sea	33.84	44.40
2 Centre of Garden	20	20.05 31.01
3 Kinfauns Castle	129	15.59 23.56

The cards give monthly totals which add to 15.59 in in 1814 and 31.01 in in 1817. It will be seen that 1814 agrees with the Register Book but 1817 does not. The Register Book gives no information as to the gauge & does not suggest any change

RAINFALL AT

Kinfauns Castle

10

Perth.

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

L. bank - 16. Castle Tower

Garden

YEAR	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January		1.45	.72	1.05	.60			1.75		4.20	
February		2.63	2.16	2.66	.63			1.90		2.45	
March .....		.90	.86	.41	.85			1.10		1.10	
April		1.91	1.38	.73	1.75			.50		4.50	
May		3.12	1.41	2.50	.75			3.10		1.15	
June		2.20	2.89	1.07	.57			4.80		2.35	
July		2.86	2.56	2.44	1.72			3.85		1.20	
August		2.71	2.38	.63	2.60			5.25		1.40	
September ...		1.78	1.06	1.72	.57			.85		1.70	
October		4.41	3.18	1.70	1.02			1.55		4.20	
November ...		2.97	3.50	1.47	2.30			2.70		1.80	
December		1.80	.65	.95	2.23			3.66		2.55	
TOTALS		28.74	22.75	17.33	15.59	24.20	24.95	31.01	28.07	28.60	

Totals 1815-19 from Total book

In 1814 3 gauges were in use

	1814	1817
No 1 On a conical hill 600 feet above sea	33.84 in.	44.40 in.
2 Centre of garden 20 " " "	20.05 "	31.01 "
3 Kinfauns Castle 129 "	15.59 "	23.56 "

1819 (monthly totals) Recd. from Mr. R. C. Mossman and entered 30.X.1909.

YMS

RAINFALL AT *Inchtive, Ballindean*
Perth

Observer *Mr. John Dick*

Rain { By

Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

Forth of Tay - 17.

YEAR.....						1815	1816				MEANS.
January.....							2.00				
February .....							.65				
March							1.95				
April							1.75				
May							2.50				
June							1.20				
July.....							3.17				
August.....							3.25				
September							2.75				
October							1.50				
November							2.20				
December.....						2.00	2.55				
TOTALS.....							25.47				

Rose Bank

$\frac{1}{2}$ m from Perth

426

10

Perth.

Sea Level 130 ft

Almond TC-8.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -				1.70	.36	.95	1.81				
February - -				3.12	.69	2.01	.66				
March - - -				1.01	1.20	1.99	2.11				
April - - -				.52	2.24	1.00	1.04				
May - - - -				3.26	.84	2.33	2.62				
June - - - -				1.48	.75	.87	1.23				
July - - - -				1.27	2.12	1.75	3.84				
August - - -				.48	2.89	1.32	3.12				
September -				2.29	1.01	2.19	2.50				
October - -				2.05	1.83	3.36	2.04				
November -			4.17	1.74	2.04	1.64	1.50				
December -			1.02	1.31	3.95	1.34	1.17	#			
TOTALS -				20.23	19.92	20.75	23.64				

Peterhead

1207

10

Aberdeen.

Ugii - 14.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	1.64				.38	.10	2.38	1.13	1.36	2.59	
February - -	1.54				.22	.45	1.40	1.13	.35	1.91	
March - - -	2.50				.36	1.55	1.45	.89	1.38	1.40	
April - - -	1.83				.52	.96	.22	.42	.83	1.86	
May - - - -					.22	1.53	1.14	1.93	2.45	.80	
June - - - -					1.49	2.80	1.30	1.62	1.93	1.10	
July - - - -					2.76	1.56	1.67	2.76	3.04	.67	
August - - -				1.60	2.08	2.03	1.65	3.32	.96	.51	
September -				1.60	.96	2.61	1.14	1.69	3.85	1.81	
October - -				1.29	2.24	2.37	1.47	1.13	1.21	4.00	
November -				1.60	2.96	2.87	2.76	3.10	2.15	4.83	
December -				3.40	2.45	2.20	2.59	1.21	1.70	1.32	
TOTALS -					8.31	11.60	10.51	12.85	12.02	10.53	

C

10-32

Rainfall at Kinnairdhead

428

10

Aberdeen.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Fig. - 4.

YEAR - -	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	.80	.10	2.28	1.13	1.34	3.59		
February - -	.22	.95	1.40	1.13	.25	1.91		
March - - -	.34	1.58	1.45	.39	1.28	1.40		
April - - -	.52	.96	.32	.42	.83	1.86		
May - - - -	.22	1.56	1.84	1.93	2.45	.10		
June - - - -	1.49	2.80	1.30	1.68	1.93	1.10		
July - - - -	3.74	1.56	1.67	2.74	3.07	.67		
August - - -	6.00	2.08	2.03	1.65	3.32	.96	.51	
September -	4.60	.95	2.61	1.14	1.69	3.85	1.81	
October - -	1.19	2.24	2.38	1.47	1.13	1.21	4.08	
November -	6.60	2.96	2.87	2.75	3.10	2.15	4.03	
December -	3.70	2.75	2.20	2.59	4.21	1.70	1.32	
TOTALS -	18.31	21.60	19.86	22.87	21.02	22.38		

C C C C C C C

RAINFALL AT

Gordon Castle

Y-219

Moray.

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

Height above Ground, ft. in.

Above Mean Sea Level, ...80... ft.

Spec. R. bank - 2.

YEAR	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January	1.08	1.34	1.32	.44		1.93	2.19			3.92	
February	1.66	2.65	1.70	1.38		.86	2.12			1.67	
March	2.22	.62	2.53	.86		1.56	1.40			1.10	
April .....	.84	3.93	1.64	1.15		1.77	1.22			3.88	
May	1.32	3.64	3.62	4.64		1.92	1.87			1.36	
June .....	.84	.73	2.33	.95		2.07	2.11			2.24	
July	4.24	2.09	3.08	4.04		2.81	1.98			1.72	
August	3.77	4.03	1.48	1.07		2.17	4.80			1.16	
September ...	2.00	2.53	1.35	2.12		1.20	2.48			2.37	
October	1.49	4.42	6.83	3.16		2.14	2.06			5.89	
November ...	4.38	2.30	3.72	1.43		3.46	1.93			2.00	
December	2.05	3.06	1.17	2.28		2.89	1.71			2.37	
TOTALS	25.89	30.34	31.77	23.52	26.11	24.78	25.87	29.57	20.45	29.68	

31.34 30.77

Totals 1811-12 & 14-19 from Total book

1810 } Recd. from Mr. R. B. Mossman and entered 30. X 1809.
 1811 (monthly) } Believed to have formed part of the Gordon Castle
 1812 " } registers compiled by Mr. James Hoy.
 1815 " }

Rainfall at *Island Glass*

Y²²⁰

10

Inverness.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Inular -19.

YEAR - -				1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -					.70	1.24	2.64	3.24	3.47	3.42	
February - -					1.00	3.97	1.80	2.54	2.36	2.27	
March - - -					.30	4.63	2.15	1.61	4.08	2.47	
April - - -					1.30	1.27	.96	1.01	.55	1.44	
May - - - -					.50	2.18	1.98	2.12	3.20	1.55	
June - - - -					1.30	1.50	1.93	1.55	.57	3.41	
July - - - -					3.20	2.20	2.00	1.75	2.24	1.25	
August - - -					1.00	3.37	4.94	1.66	3.29	3.31	
September -					1.20	2.19	2.73	5.90	2.89	2.14	
October - -					1.80	3.45	4.22	2.65	1.25	3.26	
November -					2.90	3.50	3.05	3.46	3.79	2.42	
December -					1.40	3.85	3.59	2.47	4.29	2.88	
TOTALS -					24.66	35.52	29.60	29.33	30.42		

*Return
mixed with*

Rainfall at

Pentland Skerries

10

Orkney.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -				1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -					.38	.39	1.98	2.04	2.50	2.26	
February - -					.17	.86	1.00	3.01	1.04	1.90	
March - - -					.36	1.01	1.39	1.02	2.05	1.52	
April - - -					.64	.85	.44	.37	.23	1.21	
May - - - -					.42	1.00	2.01	1.34	1.15	.78	
June - - - -					.45	1.63	1.40	1.30	1.13	1.28	
July - - - -					3.28	1.11	1.45	1.64	3.07	1.63	
August - - -				1.40	1.56	2.60	1.17	3.08	1.62	.28	
September -				1.05	.88	1.88	1.38	1.47	3.25	2.33	
October - -				1.28	2.05	2.49	1.28	.94	.99	4.90	
November -				1.54	2.28	2.87	2.73	3.18	1.29	1.56	
December -				7.10	2.82	1.15	1.79	2.74	1.40	2.52	
TOTALS -					15.29	17.84	18.02	22.13	19.75	22.17	

c c c c c c c

Rainfall at Start Point

Y222

10

orkney.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -				1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -					.53	1.15	2.82	2.27	4.49	2.94	
February - -					1.31	1.79	.87	3.59	1.50	1.73	
March - - -					1.03	2.45	1.11	1.85	2.27	2.23	
April - - -					1.30	.65	.75	.88	.34	.63	
May - - - -					.54	.46	1.15	1.54	.75	.96	
June - - - -					.68	1.65	1.00	1.76	1.05	1.22	
July - - - -					1.83	.90	.77	.42	2.73	.53	
August - - -					1.41	2.50	.32	1.48	.97	.74	
September -					.73	2.19	.86	1.45	3.50	2.02	
October - -					2.23	3.39	1.21	1.07	1.00	4.50	
November -					3.60	2.58	2.17	2.80	1.08	2.81	
December -					3.51	3.59	2.63	3.31	.86	3.10	
TOTALS -					18.70	23.30	15.66	22.42	20.54	23.41	

by
mean
20.67

Rainfall at Belfast (Linen Hall) (broken series)

Y256

Antism.

Ans return

Diameter of Gauge, 1 1/4 in.

Height above Ground, 4 ft. in.

Above Mean Sea Level, 12 ft.

Belfast Lough - 1.

YEAR - -							1796	1797	1798	1799	MEANS.
January - -							2.98	.95	3.23	1.84	
February - -							2.41	.74	.64	1.80	
March - - -							.67	1.90	.52	2.24	
April - - -							.69	1.15	2.01	1.51	
May - - - -							2.22	1.96	1.03	1.57	
June - - - -							1.21	.73	1.77	.80	
July - - - -							2.72	3.74	4.62	2.75	
August - - -							.39	2.61	1.45	4.33	
September -							3.24	3.24	4.65	1.59	
October - -							1.06	1.86	1.38	3.75	
November -							1.28	2.24	3.65	.63	
December -							1.39	3.00	1.16	.45	
TOTALS -							20.26	24.12	26.11		

No Record from 5th Nov: 1799 to Aug: 1812

Hyd. Sta. No: 97-970335

NQR: 15(33) 338740

alt. 4m