

Met 0 8b 10-YEAR SUMMARY SHEETS

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I M P O R T A N T

1. These sheets are a VITAL part of the permanent data archives of the Office, and are stored in Met08 for all decades for practical and historical reasons, including ready access, rather than be stored in Technical Archives.
2. For many old stations these sheets are the ONLY record of available data.

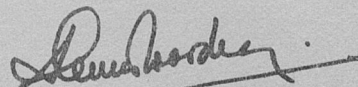
ENTRIES

3. All entries must invariably be made in permanent ink (nowadays normally in black waterproof ink), be perfectly legible and comments sufficiently intelligible to those reading them decades after the event.
4. Every attempt should be made to ensure that any follow-up action is adequately cross-referenced to a previous entry.
5. Retrospectively effective comments MUST be entered on the station's 10-year sheets for all relevant previous decades, not just on the latest decade's sheet.

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Head of Hydrometeorological  
Data Systems

KEEP as top enclosure of each binder



# RAINFALL AT London District

*from Dines's diagram*

Observer.....

Rain { By .....

Gauge { .....

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

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....	1.78	2.55	.64	1.64	1.00	1.00	.26	.89	3.94	.48	1.418
February .....	.94	.18	.98	3.15	2.21	.84	1.73	.59	1.15	1.12	1.289
March .....	.33	3.06	1.29	1.18	1.76	1.10	1.72	2.52	.73	.61	1.430
April.....	1.51	1.85	2.67	1.83	1.94	1.63	.88	.99	2.50	4.46	2.026
May .....	3.21	2.01	1.63	.86	3.92	3.14	2.52	2.13	1.61	.57	2.160
June .....	2.08	2.07	1.18	1.67	3.76	1.08	.76	.77	2.29	2.03	1.769
July.....	3.03	2.81	3.24	2.66	1.93	.22	2.45	1.27	5.26	4.46	2.733
August.....	1.85	2.37	1.60	2.18	2.45	2.76	1.97	1.59	3.27	4.40	2.444
September .....	2.48	2.84	1.28	1.13	3.70	2.58	3.70	3.38	2.68	3.63	2.740
October .....	2.40	2.65	3.96	3.76	2.48	2.74	2.03	4.07	1.26	1.73	2.708
November .....	1.67	4.42	3.64	1.70	3.77	3.31	2.92	1.17	1.18	1.61	2.539
December.....	1.39	4.88	1.75	2.35	3.51	2.86	1.63	3.63	2.01	.22	2.423
TOTALS.....	22.67	31.69	23.86	24.11	32.43	23.26	22.57	23.00	27.88	25.32	25.679



London  
Royal Society

Y3

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	.44	1.85	.22	.61	.52	.47	.12	3.16		.29	
February - -	1.43	.28	.56	1.98	1.48	.39	.83	.90		.74	
March - - -	1.32	1.92	1.27	.94	.86	.60	3.54	.75		.59	
April - - - -	1.51	1.14	1.62	1.04	1.18	1.14	—	2.02		2.29	
May - - - -	1.39	1.09	1.02	.54	2.39	2.07	—	1.31		.31	
June - - - -	2.33	1.83	1.21	.98	2.18	.69	—	2.37		1.40	
July - - - -	2.81	2.24	2.79	1.15	1.03	.05	2.36	.15		2.91	
August - - -	1.32	2.10	.98	1.05	2.09	1.26	.55	.51		2.84	
September -	2.06	1.81	.70	.80	2.37	1.86	.42	.83		2.71	
October - -	1.58	1.93	3.05	2.51	1.46	2.00	1.87	2.27		1.55	
November -	1.00	3.44	3.61	1.16	3.16	1.66	.46	.98		.69	
December -	1.19	3.94	1.04	1.10	1.97	1.74	.10	2.29		.10	
TOTALS -	18.38	23.57	18.07	13.86	20.69	13.93		17.54		16.42	

1820-1826 agree with Bravais "London Weather" record  
for Somerset House except that I gives March 1826 as 0.54.  
I also agrees all the 1829 record as above. J. R.  
I also agrees 1827 from July onwards.



# London

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.12	2.64									
February - -	.96	.17									
March - - -	.24	2.88									
April - - -	1.45	1.75									
May - - - -	3.06	1.92									
June - - - -	1.91	2.40									
July - - - -	1.79	2.26									
August - - -	2.43	2.34									
September -	2.29	2.81									
October - - -	2.30	2.63									
November - -	1.55	3.96									
December - -	1.54	5.04									
TOTALS - -	21.64	30.80									

C C

0-1 Moore's Almanac



# RAINFALL AT London

Y300

Observer Prof. Daniel

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1819	1820	1821	1822							MEANS.
January.....		1.83	2.09	.53							
February.....		1.18	.13	.93							
March.....		.14	2.68	1.50							
April.....		1.67	1.57	2.12							
May.....		2.63	1.59	1.34							
June.....		2.11	2.27	1.11							
July.....		2.69	2.26	2.60							
August.....		1.99	1.67	.70							
September.....	2.11	2.32	2.15								
October.....	2.18	1.81	2.23								
November.....	2.15	1.40	3.65								
December.....	1.18	1.59	4.51								
TOTALS.....		21.36	26.80								



RAINFALL AT *Greenwich*  
*Royal Observatory*  
*Park Row*  
*Park Terrace*

*till Oct. 1822*  
 *Nov. 1822 to July 1825*  
 *July 1825*

Observer *J. Henry Belville*

Rain { By.....

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

*LONDON 1 / Thames - Right Bank*

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....	1.73	2.18	.57	1.36	.94	1.03	.30	1.035	<del>1.833</del>	37	
February.....	<sup>.60</sup> x x	.04	.98	3.20	2.34	.86	1.67	.819	<del>1.833</del>	1.16	
March.....	<sup>(1.50)</sup> x x	3.45	1.39	1.36	1.69	1.30	1.66	1.275	<sup>933</sup>	.57	
April.....	1.48	1.82	2.56	1.75	1.89	1.75	.97	1.16		4.79	
May.....	3.57	2.22	1.90	.74	3.77	2.97	2.47	2.39	1.47	.50	
June.....	2.11	2.21	.80	1.14	3.51	.74	.97	.59	1.85	1.52	
July.....	4.38	2.82	4.07	3.30	1.82	.10	2.44	1.25	6.65	4.345	
August.....	1.70	1.92	1.81	2.68	3.95	2.48	1.69	1.05	3.51	4.535	
September.....	2.23	3.40	1.37	.89	3.21	2.56	3.07	1.701	2.41	3.480	
October.....	2.64	2.42	3.60	3.96	2.44	2.69	1.73	4.090	(1.41)	1.640	
November.....	1.76	4.33	3.66	1.55	3.88	2.85	2.61	2.312	.85	1.78	
December.....	1.57	4.72	2.26	1.95	3.55	2.92	1.45	2.861	2.33	.08	
TOTALS ....	<del>25.27</del>	31.53	24.97	23.88	32.99	22.25	21.03	20.533	29.81	24.77	

1820 Feb & March. "The rain gauge was found to be defective; the quantity has not been registered"

1820 Aug. "The quantity of rain 1.7 not to be depended upon, the rain gauge proving faulty"

1828 Oct. Rainfall at Obs<sup>y</sup> 1.41

1820 Feb. 60  
Mar (1.50)  
Total 25.27 } *1820 Feb .60*  
*From paper read (by W.C. Nash) before R. Met Soc*  
*18. V. 04*  
*read before R.M.S 18/10/04*  
*Total 25.27*

\* The summary gives the yearly total as 21.93



## Rainfall at Greenwich Obs.

LONDON 1/ Thames - Right Bank.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.9	2.4	.6	1.5	1.0	1.1	.3	1.2	4.3	.4	1.47
February - -	.6	.0	1.1	3.5	2.5	1.0	1.9	.7	1.1	1.3	1.37
March - - -	(1.5)	3.9	1.5	1.5	1.9	1.4	1.9	2.6	1.0	.7	1.79
April - - -	1.6	2.0	2.9	2.0	2.1	2.0	1.1	1.3	2.4	4.8	2.22
May - - - -	4.0	2.4	2.1	.8	4.2	3.3	2.7	2.6	1.7	.6	2.44
June - - - -	2.3	2.4	.9	1.2	3.8	.8	1.1	.7	2.2	1.7	1.71
July - - - -	4.8	3.1	4.5	3.6	2.0	.1	2.6	1.4	7.0	4.2	3.33
August - - -	1.9	2.1	2.0	3.0	4.4	2.7	1.9	1.2	4.2	4.5	2.79
September -	2.4	3.7	1.5	1.0	3.5	2.8	3.4	3.9	2.6	3.6	2.84
October - -	2.9	2.6	4.0	4.4	2.6	3.0	1.9	4.4	1.5	1.9	2.92
November -	2.0	4.7	4.1	1.8	4.3	3.2	2.8	1.3	1.0	1.4	2.66
December -	1.8	5.2	2.5	2.8	4.0	3.2	1.4	3.6	2.5	.1	2.71
TOTALS -	27.7	34.5	27.7	27.1	36.3	24.6	23.0	24.9	31.5	25.2	28.25

1821 Feb. = .04.83454



RAINFALL at Greenwich (Croom's Hill)

County of Kent

Observer Henry Lawson

Y302

River Basin.....

Rain Gauge, by.....

LONDON 1 / Thames-Right Bank.

Diameter ...											
Height .....	4 ft										
Altitude ...											
Year ...	1820 1810	1821 1811	1822 1812	1823 1813	1824 1814	1825 1815	1826 1816	1827 1817	1828 1818	1829 1819	MEANS.
January ...											
February ...											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September ..											
October ...											
November ..											
December...											
TOTALS ...	23.27	31.14	32.29								

From Luke Howards MS journal (extracted by W. Marriott 1-16)

~~See previous sheet~~

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



15 JAN 1916

RAINFALL at Greenwich (Croom's Hill)

County of Kent

Observer Henry Lawson

Y302

River Basin \_\_\_\_\_

Rain Gauge, by \_\_\_\_\_

LONDON 1 / Thames Right Bank.

Diameter ...											
Height .....	4 ft										
Altitude ...											
Year ...	1820 1910	1821 1911	1822 1912	1823 1913	1824 1914	1825 1915	1826 1916	1827 1917	1828 1918	1829 1919	MEANS.
January ...											
February ...											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September ..											
October ...											
November ..											
December...											
TOTALS ...	23.27	31.14	32.29								

From Luke Howards MS journal (extracted by W. Marriott 1-16)

~~See previous sheet~~

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



Rainfall at LONDON. Holborn

20

Y 303

W Harris & Co

Diameter of Gauge, ..... in.

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

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

LONDON 2/ Thames. Left Bank.

YEAR - -	1820										MEANS.
January - -	—										
February - -											
March - - -	26										
April - - -	2.83										
May - - - -	2.63										
June - - - -	2.08										
July - - - -	2.51										
August - - -	1.36										
September -	2.42										
October - - -	1.81										
November -											
December -											
TOTALS -											

From the Medical & Physical Journal  
1819 Nov. 1.80.



Y 302

From Total book

Above Mean Sea Level.....ft.

[illegible]



245199

20

# RAINFALL AT Tottenham. N<sup>o</sup> 2

Y305

Observer .....

Rain { By.....  
Gauge { .....

From Total book

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

MSEX 2/ Thames. Sea

YEAR.....	1820										MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS ....	24.24										

MET.O.B RAINMASTER  
RETROSPECTIVE SITE REVIEW

HYD STN  
NUMBER 245199

NGR: TQ(51) 336900

ALT: 50 ft = 15 metres. Date of review: 17-7-78.



# Rainfall at Chiswick.

20

4206

MSEX 1 / Thames - Colne Brent.

YEAR - -						1825	1826	1827	1828	1829	MEANS.
January - -							.27	.57	3.71	.30	
February - -							1.71	.79	.94	1.07	
March - - -							1.62	2.50	.59	.75	
April - - -							.88	.71	2.44	4.49	
May - - - -						2.90	2.39	2.24	1.40	.52	
June - - - -							.38	.82	1.94	2.37	
July - - - -						.05	2.07	1.31	4.38	5.23	
August - - -						2.03	2.00	1.66	4.35	4.07	
September -						2.31	3.71	3.37	4.03	3.71	
October - -						2.40	2.14	4.06	1.18	1.60	
November -						2.83	2.89	1.06	1.12	1.86	
December -						1.73	1.77	3.09	1.77	.15	
TOTALS -							21.83	22.18	27.85	26.12	

Gard Chron



Rainfall at Edmonton N<sup>o</sup> 3

E. 20

4307

M'SEX 2/ Thames Lea.

YEAR - -	1830	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	2.05	2.80	.73	1.12	1.25	1.10	.20	.30	3.72	.60	1.387
February - -	1.00	.10	1.12	3.15	1.90	.75	1.73	.22	1.73	1.43	1.313
March - - -	.20	3.00	.79	1.00	1.80	1.27	2.07	2.63	.52	.65	1.401
April - - -	1.43	2.12	2.55	1.63	1.73	1.58	.98	.85	2.84	3.00	1.951
May - - - -	3.23	2.15	1.22	.85	4.00	3.97	2.27	1.98	2.07	.57	2.231
June - - - -	1.56	1.23	1.30	1.72	4.35	1.35	.80	1.00	1.85	1.65	1.681
July - - - -	2.47	2.26	2.40	2.33	1.98	.16	2.45	1.35	4.25	4.85	2.450
August - - -	1.12	1.57	1.75	1.93	1.27	2.93	1.58	1.50	3.05	5.00	2.170
September -	2.83	2.26	.80	.78	3.68	2.47	2.92	3.22	2.00	4.20	2.524
October - -	2.30	2.90	4.10	4.28	3.01	2.60	2.35	3.38	1.25	2.08	2.833
November -	1.75	4.58	3.75	1.95	3.67	3.65	3.03	1.45	1.85	1.77	2.745
December -	.50	4.52	1.70	2.58	4.15	3.22	1.75	4.32	2.45	.15	2.534
TOTALS -	20.52	29.49	22.29	23.32	32.79	25.13	22.13	22.20	27.58	26.75	25.220

[32.74]

Journal of Met p 256

MET. O.S. RAINMASTER  
RETROSPECTIVE SITE REVIEW

245042

NGR: TQ(51) 340925

ALT: 45 ft = 14 metres. Date of review: 18-7-79.



## Rainfall at Cobham Lodge Cobham Surrey E v

20

Y 308

Survey 5/ Thames - moe de.,

Observer Miss Molesworth Authority P.P. return.

40 ft from N corner of Lodge, soil loam on clay.

Howard's gauge 1 ft above grass.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -						1.12	.43	.90	4.69	.75	
February - -						.63	2.09	.38	1.24	1.09	
March - - -						1.26	1.94	2.72	1.01	.40	
April - - -						1.56	.45	1.12	2.47	5.63	
May - - - -						2.03	2.42	1.76	2.13	.85	
June - - - -						1.16	.48	.75	1.96	2.58	
July - - - -						.23	2.44	1.07	5.07	4.63	
August - - -						2.87	1.34	1.97	2.34	4.14	
September -						2.21	5.17	3.62	2.56	3.48	
October - -						3.16	1.69	4.16	1.42	1.48	
November -					#2.96	3.77	3.33	1.31	1.01	1.61	
December -					3.84	2.85	1.81	3.46	2.22	.42	
TOTALS -						22.85	23.59	23.22	28.12	27.06	

1826 July 23 = 1.60

See next sheet



RAINFALL AT Cobham

Observer Mr. Moleworth

Surrey

Y308

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

Surrey 5/ Thames. Mole etc.,

YEAR.....							1826	1827	1828	1829	MEANS.
January.....							.38	.90	3.85	.73	
February .....							2.09	.77	1.09	1.09	
March .....							1.94	2.39	1.01	.46	
April .....							.45	1.06	2.47	5.57	
May .....							2.48	1.76	2.13	.85	
June .....							.48	.76	1.96	2.84	
July.....							2.38	1.06	5.08	4.45	
August .....							1.67	1.97	2.34	4.07	
September .....							4.88	3.62	2.75	3.47	
October .....							1.65	4.16	1.23	1.48	
November .....							3.83	1.47	1.01	1.61	
December.....							1.81	3.49	2.24	.42	
TOTALS.....							23.54	23.41	27.16	27.04	

D ✓ D D D

from M.S. copy in Mr. Smith's possession 24.10.12  
cor. for wrong day.



Rainfall at Gosport

Y309

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -			.89		.97		.89	1.00			
February - -			2.06		2.69		3.86	.82			
March - - -			1.83		3.77		2.62	3.10			
April - - -			2.57		2.52		1.00	1.90			
May - - - -			1.51		4.59		2.28	2.10			
June - - - -			.39		2.92		.89	1.70			
July - - - -			4.28		2.91		1.61	1.10			
August - - -			1.82		3.45		1.52	2.10			
September -			1.69		3.83		4.56	3.80			
October - -			6.75				2.22	4.80			
November -		6.02	7.50	2.22			3.64	1.80			
December -		7.61	2.24	4.39	3.56		2.93	5.60			
TOTALS -		47.02	33.53		40.05		28.02	29.82			
			30.3					29.96			

2 Moores Almanac

6 Am B 9-19  
7 Edin Farmers Mag  
1824 N.S. Met. Soc.



10  
15 JAN 1916  
4310

RAINFALL at Gasport (The Academy)

County of Hampshire

Observer D. W. Burney

River Basin.....

Rain Gauge, by.....

Diameter ...											
Height .....											
Altitude ...											
Year ...	<u>1820</u> <u>1910</u>	<u>1821</u> <u>1911</u>	<u>1822</u> <u>1912</u>	<u>1823</u> <u>1913</u>	<u>1824</u> <u>1914</u>	<u>1825</u> <u>1915</u>	<u>1826</u> <u>1916</u>	<u>1827</u> <u>1917</u>	<u>1828</u> <u>1918</u>	<u>1829</u> <u>1919</u>	MEANS.
January ...		<u>2.64</u>	<u>.890</u>	<u>3.365</u>	<u>.990</u>	<u>1.480</u>	<u>.890</u>	<u>1.000</u>			
February ...		<u>.18</u>	<u>2.060</u>	<u>4.685</u>	<u>2.685</u>	<u>1.210</u>	<u>3.860</u>	<u>.820</u>			
March .....		<u>4.18</u>	<u>1.825</u>	<u>2.095</u>	<u>3.775</u>	<u>2.500</u>	<u>2.615</u>	<u>3.165</u>			
April .....		<u>3.39</u>	<u>2.570</u>	<u>2.140</u>	<u>2.522</u>	<u>1.890</u>	<u>1.000</u>	<u>1.910</u>			
May .....		<u>3.18</u>	<u>1.510</u>	<u>1.125</u>	<u>4.590</u>	<u>2.995</u>	<u>2.275</u>	<u>2.125</u>			
June .....		<u>.98</u>	<u>.385</u>	<u>2.230</u>	<u>2.915</u>	<u>1.575</u>	<u>.895</u>	<u>1.660</u>			
July .....		<u>3.65</u>	<u>4.277</u>	<u>2.755</u>	<u>2.910</u>	<u>.180</u>	<u>1.605</u>	<u>1.115</u>			
August .....		<u>3.71</u>	<u>1.815</u>	<u>3.225</u>	<u>3.450</u>	<u>3.115</u>	<u>1.520</u>	<u>2.060</u>			
September ..		<u>3.34</u>	<u>1.685</u>	<u>1.720</u>	<u>3.830</u>	<u>2.430</u>	<u>4.555</u>	<u>3.835</u>			
October ...		<u>4.53</u>	<u>6.750</u>	<u>4.820</u>	<u>3.520</u>	<u>3.015</u>	<u>2.225</u>	<u>4.835</u>			
November ..		<u>6.02</u>	<u>7.500</u>	<u>2.220</u>	<u>5.305</u>	<u>4.725</u>	<u>3.660</u>	<u>1.835</u>			
December...		<u>7.61</u>	<u>2.240</u>	<u>4.385</u>	<u>3.565</u>	<u>5.325</u>	<u>2.935</u>	<u>5.625</u>			
TOTALS ...	<u>25.75</u>	<u>43.41</u>	<u>33.507</u>	<u>34.665</u>	<u>40.057</u>	<u>30.450</u>	<u>28.015</u>	<u>29.965</u>			

3351 3467 40.06 3045

From Luke Howard's MS journal (extracted by W. Marriott 1-16)

see previous sheet

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



Rainfall at Sandhurst

Y 311

Observer

mp Rut No 4

Bent's

Gauge 10<sup>2</sup> above ground 4.0  
3. Thames. Loddon etc.

Above Sea Level 246 ft

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.49	1.75	.29		1.24	1.04		.90	4.40		
February - -	.56	.10	1.58		3.50	1.84		mostly frost	.70		
March - - -	.15	3.16	1.02	1.05		.21	.28	3.06	.80		
April - - -	1.63	2.42	2.62	1.38 1.74		2.40	1.11	1.10	2.30		
May - - - -	2.55	1.77	1.50	"	6.16	2.00	"	1.55	2.12	.72	
June - - - -	2.07	1.30	.74	1.46	3.32	1.56	2.05	1.10	1.94	2.30	
July - - - -	2.20	4.03	2.64	3.16	1.47	2.00	1.50	.86	5.50	4.05	
August - - -	3.02	2.40	.20	1.90	1.88	2.24	1.54	2.04	3.70	3.07	
September -	2.71	4.35	1.10	2.20	3.78	3.52	5.00	4.56	3.24	3.62	
October - - -	2.65	3.36	4.70	2.70	3.08	"	"	3.49	"	1.79	
November - -	1.54	5.40	3.98	.62	3.32	2.90	4.74	1.74	1.10	1.20	
December - -	2.10	6.48	1.70	2.19	3.41	4.30	.86	3.28	2.17		
TOTALS - -	22.57	37.32	22.15								

c c c c c c c c c c

1823 No Record kept during Jan. Feb. Apr. (8 to 30) &amp; May. A considerable quantity of rain in April

1829 No Record kept until May 1, or during Dec?



Bushey, Heath, Stanmore  
Watford

Ym

Col: Beaufoy

YEAR - -	1820	1821	1822	1823							MEANS.
January - -	1.02			.98							
February - -	1.14			2.54							
March - - -	.25			.76							
April - - -	1.51			1.95							
May - - - -	3.38			3.69							
June - - - -	1.72										
July - - - -	1.94			3.43							
August - - -	1.99			2.45							
September -	2.28			2.51							
October - - -	2.53			3.07							
November - -	1.22			1.64							
December - -				2.26							
TOTALS - - -				25.28							

o Col Phil Jour 4-24 also 6-22

Roof.

1820

Mar: .26

Apr. 1.50

Nov. 1.30



Rainfall at High Wycombe

Y314

*S L Kent Esq*

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

*Bucks 3/ Thames - Wycombe*

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -					1.20	.98	.52	1.52	4.70	1.02	
February - -					3.95	1.20	2.70	1.05	1.45	1.40	
March - - -					3.20	1.30	1.95	3.70	.80	.55	
April - - -				<del>#</del> 2.55	2.90	3.25	1.05	1.10	3.75	4.70	
May - - - -				1.90	3.20	2.70	1.65	2.30	1.85	.50	
June - - - -				2.55	3.70	2.80	.80	1.70	2.70	3.60	
July - - - -				4.90	2.60	.15	.70	1.70	4.60	4.75	
August - - -				2.10	2.90	3.20	1.48	2.60	5.30	4.70	
September -				2.60	3.50	4.20	4.65	4.05	3.25	4.40	
October - - -				5.20	3.85	3.00	2.60	4.30	1.80	2.05	
November - -				1.40	4.30	3.70	2.60	1.90	1.30	1.60	
December - -				3.65	3.90	4.30	2.30	4.85	2.65	.45	
TOTALS -				39.20	30.78	23.00	30.77	34.15	29.72		

c c c c c c c



High Wycomb, S. Marys Cottage.

20

Y313

Tatum  
J. S. Tatum, Esq.

Bucks 3/ Thames - wye &c,

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -				1.82			.54		4.68	1.00	
February - -				2.44	3.46			1.05		1.42	
March - - -				.11				3.40		.57	
April - - -				2.32			1.02			4.46	
May - - - -				1.94	3.19					.51	
June - - - -				2.54			.79			3.60	
July - - - -				4.91		.11				4.76	
August - - -				2.09			1.45		5.3	4.68	
September -				2.59			4.6			4.48	
October - -				5.24						2.04	
November -				1.43						1.55	
December -				3.62						3.3	
TOTALS -	23.07	31.67	25.06	31.05	37.30	29.68	22.93	30.48	33.84	29.48	

c c c c c c c

4-8 Map of Mr Clouston

9 Moore's Alman

1823 Nat. Met. Soc:

1817-22, 1824-8, 1830-2, 1834-5, 1843-8 entered x. 25

Agaph said the from H. Tatum 1823-26 as  
in Trans. Nat. Soc 1859 (mostly annual totals)







Blakesly

Northants

Y 215

Observer Rev. F. H. White -

YEAR - -	1824	1825	1826	1827	1828	1829	MEANS.
January - -	.50	.65	.38	1.30	3.55	0.00	
February - -	2.14	1.50	1.99	.62	1.34	0.00	
March - - -	4.15	1.35	1.00	3.55	.78	.32	
April - - - -	1.62	2.04	1.55	1.23	4.13	3.64	
May - - - -	1.87	3.77	1.70	1.99	2.51	.40	
June - - - -	1.55	1.07	.40	1.07	1.64	3.30	
July - - - -	1.42	.27	2.09	1.89	8.13	3.71	
August - - -	2.19	2.92	1.30	4.05	3.18	5.25	
September -	3.85	1.94	5.10	2.53	2.07	2.89	
October - -	3.20	3.16	1.38	3.70	2.23	2.10	
November -	2.45	3.45	1.80	2.25	1.60	1.15	
December -	4.60	4.26	1.80	2.58	1.72	.18	*
TOTALS -	29.54	26.38	20.49	26.76	32.88	22.94	

59 Jan & Feb slight showers  
59 Dec. Snow







RAINFALL AT *Biverstock*

7318  
wills.

Observer... *N. E. Howe*

Rain { By... *Float gauge*

Gauge { Diameter... *12* in. Height above Ground... *3* ft. Above Mean Sea Level... *339.2* ft.

*Exam - 3.*

YEAR.....										1829	MEANS.
January.....										#	
February .....										1.27	
March .....										1.08	
April.....										.83	
May .....										5.75	
June.....										.33	
July .....										4.34	
August.....										4.24	
September.....										3.92	
October .....										4.65	
November.....										1.15	
December .....										.95	
TOTALS .....										.86	
										29.37	

C



Nowell at Copping

Y 217 bsec.

Roding - 2.  
+ ground 6 ft.

Above Sea level 360 ft

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -			# .42	1.78	.91	1.01	.17	1.35	3.73	.70	
February - -			1.36	3.32	2.47	.94	2.00	.73	1.29	1.18	
March - - -			1.52	1.29	2.84	1.32	1.95	2.84	.68	.46	
April - - -			2.69	1.83	1.93	2.25	1.16	1.02	2.61	4.86	
May - - - -			1.21	1.01	3.78	2.53	2.43	2.96	1.40	.59	
June - - - -			.96	1.63	5.77	1.41	.41	1.06	2.01	2.68	
July - - - -			3.01	1.94	1.78	.01	2.65	1.28	5.57	4.96	
August - - -			1.39	2.58	2.62	2.77	1.64	1.76	3.66	6.83	
September -			.76	2.20	4.09	3.38	3.47	3.39	3.32	4.23	
October - - -			3.82	2.56	2.88	3.71	2.88	3.11	.83	2.08	
November -			3.85	2.12	3.90	3.86	3.00	1.89	1.29	1.22	
December -			1.65	3.08	3.27	3.47	1.68	4.46	2.34	.35	
TOTALS -			22.64	25.34	36.24	26.66	23.50	25.85	28.73	30.14	

c c c c c c c c c

2 to 9 Moore's Almanac

4 5 to 9 Mps.

1823 Mts. Met. Soc.

In a Mps date 1829 - 9 is said to be Howard's near surface of ground



Plymouth

Dwornshire.

Mrs. P. B.

Y319

+ Sea Level 30 ft

Tamar and C-2.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -							1.98	1.62	5.57	1.82	
February - -							5.44	2.17	3.44	1.65	
March - - -							2.90	3.93	1.42	1.45	
April - - - -							.97	1.49	4.35	5.92	
May - - - -							1.67	3.22	3.85	.20	
June - - - -							.20	2.24	2.03	6.57	
July - - - -							.90	2.70	3.73	5.94	
August - - -							3.50	1.67	1.81	5.37	
September -							7.37	3.58	2.96	6.34	
October - -							2.38	5.81	3.79	2.15	
November -							2.43	3.52	3.45	1.70	
December -							4.44	7.15	4.59	1.16	
TOTALS -							34.18	39.10	40.99	40.27	

c c c c

6-9 = "converted values of Snow Harris roof g."



Stoke n<sup>d</sup>. Devonport  
Tamar Terrace.

Y 320

Thos. Mould

Devonshire.

+ Ground 7<sup>th</sup> bin + Sea Level 195 ft

Tamar and C - 2.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827			MEANS.
January - -	4.71	3.91	1.80	8.19	1.94	4.09	2.07	1.90			
February - -	3.25	.54	3.25	6.99	2.77	3.28	7.05	2.29			
March - - -	1.70	7.31	3.26	3.02	4.42	2.41	3.44	5.81			
April - - -	1.35	3.12	3.22	2.14	3.19	3.59	.95	1.79			
May - - -	3.37	2.85	1.53	2.66	1.63	4.22	1.19	3.72			
June - - -	1.40	.56	1.77	1.89	3.68	1.57	.31	2.33			
July - - -	2.02	4.07	4.35	2.71	3.87	0.00	.64				
August - - -	3.45	2.55	1.72	3.25	2.07	3.40	3.92				
September -	3.89	4.43	.47	1.56	2.90	3.96	8.58				
October - -	6.05	8.13	9.25	6.31	5.05	3.15	2.55				
November -	3.76	6.54	10.90	2.90	5.78	6.26	3.08				
December -	5.08	9.88	3.27	6.40	6.33	6.22	5.54				
TOTALS -	40.03	53.89	44.79	48.02	43.63	42.15	39.32				

c c c c c c c c c

1822 mod<sup>r</sup> continuous rains from the 13<sup>th</sup> till the 10<sup>th</sup> of Dec<sup>r</sup>  
 1825 July two or three showers, but not enough to register.  
 1826 June 10<sup>th</sup> was the only day in which rain fell, which  
 was during a Thunderstorm Wind S.E.



# RAINFALL AT Tavistock

Devonshire.  
Y321

Observer Mr. Thos. Wandeeatt

Rain { By .....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Gauges and C-2.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....					<sup>a</sup> 1.60	4.05	2.70	3.10	7.55	2.10	
February .....					3.00	3.45	9.40	2.50	4.50	2.10	
March.....					4.00	3.00	4.00	6.40	2.00	2.00	
April.....					5.00	3.30	1.35	2.20	5.95	6.10	
May .....					1.50	3.15	1.20	5.55	3.50	.85	
June.....					4.80	2.60	.35	2.80	3.80	6.80	
July .....					2.50	.05	1.85	2.65	6.70	7.90	
August.....					3.25	3.35	3.80	3.05	2.75	8.15	
September.....					5.90	4.30	6.35	6.45	4.40	8.30	
October .....					5.80	6.90	3.40	8.20	5.00	4.20	
November.....					7.40	5.20	4.30	4.50	3.50	1.80	
December.....					6.55	5.70	6.45	10.20	6.25	2.20	
TOTALS .....					57.30	45.05	45.15	57.60	55.90	52.50	

c c c c c c c



# St Thomas Exeter

20

4322

Devonshire

Wm. R. H. M. H. S. C.

Diam 1 foot + Ground 3 feet + Sea Level 50 feet  
Ex - 6.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	3.68	2.83	1.28	5.80	9.0	2.50	2.30	1.97	5.41	2.02	2.869
February - -	1.38	.32	2.51	4.61	2.06	2.15	4.23	1.14	3.30	1.64	2.334
March - - -	.62	4.49	1.52	2.17	2.83	2.98	2.67	4.07	1.25	2.46	2.506
April - - -	1.44	3.43	2.89	1.38	3.44	2.15	.88	1.68	3.81	5.92	2.702
May - - - -	2.23	3.06	.57	2.28	2.65	2.53	1.99	2.92	3.27	.79	2.229
June - - - -	.57	1.96	.87	1.71	2.63	1.18	.35	1.11	3.63	4.58	1.859
July - - - -	1.05	2.68	3.71	2.82	1.49	0.00	1.08	1.47	4.50	5.61	2.441
August - - -	2.17	2.33	1.53	2.16	1.57	1.29	2.50	2.29	2.59	2.69	2.112
September -	2.42	3.10	1.33	(1.10)	2.30	2.79	5.29	4.15	3.42	5.43	3.133
October - -	5.68	3.36	6.31	7.17	5.65	4.03	3.40	6.02	2.21	1.21	4.504
November -	1.62	5.44	5.87	1.91	5.28	2.85	2.36	2.37	3.09	1.03	3.182
December -	2.49	8.58	1.10	4.68	4.66	4.27	3.48	4.04	3.93	7.1	3.794
TOTALS -	25.35	41.58	29.49	37.79	35.46	28.72	30.53	33.23	40.41	34.09	33.665

c c c c c c c c c c

1823 Sept. Manufacture ?



# Esceter Institution

177120

Y<sup>323</sup>  
Devonshire

Map Ref No 88

Diam 6" + ground <sup>ft in</sup> 13.7  
Ex - 6.

+ Sea Level 155 ft

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.68	2.16	.81	4.56	.90	1.96	1.80	1.56	4.70	1.78	2.291
February - -	1.22	0.00	1.84	3.80	1.78	1.64	3.66	.46	3.24	1.44	1.908
March - - -	.30	4.20	1.10	1.76	1.74	2.64	2.64	4.34	.96	1.96	2.164
April - - -	1.24	3.16	2.44	1.14	2.90	1.82	.74	1.48	3.68	5.06	2.366
May - - - -	2.14	2.70	.40	2.06	2.56	2.36	1.96	2.44	3.38	.92	2.092
June - - - -	.52	1.18	.96	1.08	2.56	1.22	.46	.92	4.34	5.00	1.824
July - - - -	.96	2.44	3.86	2.66	1.46	0.00	1.34	1.82	4.78	4.80	2.412
August - - -	1.80	1.80	1.40	1.84	1.60	1.16	3.58	2.74	2.34	2.72	2.098
September -	2.02	2.88	1.30	1.00	2.34	2.84	5.06	3.94	3.36	4.84	2.958
October - -	4.60	2.80	5.96	6.36	5.14	3.56	2.16	5.78	2.22	.96	3.954
November -	1.00	4.70	4.59	2.08	4.20	2.60	1.80	2.50	2.88	.90	2.725
December -	1.70	7.22	.68	3.50	3.70	3.50	3.08	3.66	3.72	.36	3.112
TOTALS -	20.18	35.24	25.34	31.84	30.88	25.30	28.28	31.64	39.60	30.74	29.904

c c c c c c c c c c c



RAINFALL AT Helston

Cornwall

Y324

Observer Mr M. P. Moyle

Rain { By.....  
Gauge { .....

Diameter.....in. Height above Ground, 30 ft.....in. Above Mean Sea Level 135 ft.

Fewy & S. E. Coast Streams - ?

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS
January.....				6.82							
February.....				4.83							
March.....				2.52							
April.....				1.45							
May.....				1.96							
June.....				1.69							
July.....				2.72							
August.....				6.12							
September.....				3.55							
October.....				4.70							
November.....				3.68							
December.....				5.21							
TOTALS.....				45.25							



RAINFALL AT Helston

Cornwall Y324

Observer Mr. Moxley (Rowland) 1.16

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

Towey & S. E. Coast Streams - 2

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....			1.45	6.82	1.54	2.66	2.98	2.57	6.56	2.00	
February.....			2.19	4.83	2.71	2.13	4.89	1.30	2.38	1.80	
March.....			1.88	2.53	4.12	3.12	2.73	4.85	2.50	3.50	
April.....			3.07	1.53	2.65	2.16	.77	2.63	5.11	1.70	
May.....			.82	2.03	3.35	3.27	.37	5.11	4.22	.13	
June.....			1.93	1.82	4.84	1.33	.30	2.22	1.50	3.00	
July.....			6.74	2.84	3.14	.23	.68	2.00	3.45	3.00	
August.....			1.65	6.16	2.12	2.67	1.76	1.27	2.00	4.10	
September.....			1.41	3.59	3.74	2.10	4.65	2.28	1.20	6.33	
October.....			4.86	4.76	4.74	4.08	1.67	3.82	2.70	2.20	
November.....			6.62	3.85	5.18	4.24	3.91	2.95	3.00	3.17	
December.....			1.69	5.39	4.28	4.42	3.66	5.35	4.50	1.60	
TOTALS.....			34.31	46.15	42.41	32.41	28.37	36.35	39.12	32.53	







RAINFALL AT Penzance

Y 325  
Cornwall

Observer R. Gard. Sec.

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

From Total book

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

Above Mean Sea Level.....ft.

Towey & S. E. Coast Streams - 2

YEAR.....	1820	1821	1822	1823							MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS ....	<u>16.15</u>	<u>32.51</u>	<u>27.50</u>								



RAINFALL AT Penzance

Y 326

Cornwall

Observer H. Boase

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

Fowey & S.E. Coast Streams - 2

YEAR.....	1820	1821	1822							MEANS.
January.....										
February.....										
March.....										
April.....										
May.....										
June.....										
July.....										
August.....										
September.....										
October.....										
November.....										
December.....										
TOTALS ....			41.88							

(42.43)  
10 ans



Penzance

Edw<sup>d</sup> C Giddy forwarded  
by C. Barham

Cornwall, 4327

Mps. Pub. No. 28

Diam 6 + Ground 0.0 + Sea Level 3.50 feet  
Towey & S.E. Streams - 2

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.90	2.42	0.62	2.01	3.37	3.07	4.42	7.46	3.13		
February - -	.52	2.44	6.97	3.28	2.70	5.30	1.60	4.01	3.01		
March - - -	4.21	2.80	3.20	5.74	3.61	2.31	5.26	3.44	1.46		
April - - -	2.30	2.38	1.98	2.60	1.01	1.11	1.36	7.50	5.50		
May - - - -	3.38	1.34	2.77	3.95	4.08	.60	5.31	3.77	.56		
June - - - -	1.56	2.24	1.94	4.66	1.80	.66	2.16	1.95	4.48		
July - - - -	1.66	9.07	3.03	3.18	.31	1.24	2.25	4.55	5.62		
August - - -	4.47	2.20	7.09	2.60	3.14	2.11	2.87	4.58	5.51		
September -	4.52	1.87	3.64	4.17	2.73	4.32	2.82	3.04	6.82		
October - -	5.77	5.31	8.21	5.96	5.09	2.84	6.10	3.26	3.04		
November -	5.17	7.26	3.71	6.91	5.82	4.28	3.17	3.83	1.64		
December -	9.50	2.55	6.30	6.47	5.29	4.40	7.58	6.23	2.28		
TOTALS -	45.96	41.88	57.46	51.53	38.95	32.24	44.90	53.62	43.05		

c c c c c c c c c

Hyp. Sta. No. 22 - 381201

N.G.R. SW(10) 474303

alt 15m



# Rainfall at Pool Cottage, Hereford

8-20

Y328

Met of Mts. Soc.  
James Pendergrass

we - l.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.67	2.23	.72	3.74	.45	.94	1.97	1.43	4.86	.74	1.975
February - -	1.37	.42	2.29	2.97	2.95	.92	4.34	.76	2.14	1.53	1.969
March - - -	.57	3.66	1.37	.91	2.19	1.94	1.94	3.58	.92	1.31	1.839
April - - -	1.22	2.81	2.97	2.36	1.55	2.02	1.04	.60	4.23	4.81	2.361
May - - - -	2.78	1.32	1.55	2.21	1.28	2.13	1.38	2.40	4.16	.33	1.954
June - - - -	1.01	1.53	.40	1.47	3.31	1.31	.03	.78	1.59	3.82	1.527
July - - - -	2.35	3.67	5.04	4.33	1.33	.30	1.44	1.73	4.85	5.42	3.054
August - - -	1.76	2.75	1.72	3.08	1.98	3.25	1.34	1.49	3.26	4.19	2.482
September -	1.15	4.38	1.39	1.18	3.48	1.96	4.72	3.17	3.32	4.20	2.895
October - -	4.38	2.53	5.71	5.07	5.37	2.86	1.99	3.18	2.50	1.10	3.489
November -	1.50	3.85	5.38	2.11	3.66	3.12	1.54	2.56	1.92	.63	2.627
December -	1.67	6.04	1.72	4.42	4.01	3.73	3.60	5.28	4.30	.66	3.543
TOTALS -	22.43	35.21	30.26	33.85	31.76	24.56	25.33	26.96	38.05	28.74	29.715

C V C C C C C C C C C

In another table Mr. P gives

1826 Sept 4.72 & year 25.33

1827 Year 26.96 (a misprint)

Hyd Sta. No: 25 - 471575

NGR: 50(32) 500400

alt: 61m



# RAINFALL AT Hereford

Y329

Observer A. Lawson Esq.

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Wye - 1.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
2 to 30 January.....									3.28		
30 to 27 February .....									1.71		
27 to 26 March .....									.46		
2 to 23 April .....									2.80		
23 to 21 May .....									2.32		
21 to 18 June.....									2.96		
18 to 16 July .....									2.65		
16 to 13 August.....									5.84		
13 to 10 September.....									.41		
10 to 8 October .....									3.49		
8 to 6 November.....									.72		
6 to 3 December .....									1.68		
3 to 31									2.89		
TOTALS .....							23.38	21.93	31.21	25.50	







Empingham

Y331

20

Rutland.

Welland - 1.

YEAR - -	1874	1875	1876	1877	1878	1879	1880	1881	1882	MEANS.
January - -	1.68	1.36	1.60	1.68	1.86	1.76	1.60	1.60	2.25	1.70
February - -	1.20	1.16	1.14	1.22	1.72	1.62	1.90	1.90	1.31	1.30
March - - -	1.52	1.42	1.00	1.72	1.08	1.25	1.30	1.30	.91	1.24
April - - -	1.70	1.88	1.60	1.74	2.00	1.22	1.22	1.22	2.36	1.22
May - - - -	1.74	1.50	1.50	1.32	2.92	1.70	1.40	1.40	.69	1.22
June - - - -	1.52	1.54	1.62	3.40	1.08	1.46	1.40	1.40	1.01	1.20
July - - - -	1.70	1.62	1.02	1.4	1.60	1.22	1.22	1.22	5.38	1.12
August - - -	1.46	1.46	1.60	2.10	1.6	1.40	1.20	1.20	.63	1.40
September -	1.52	1.40	1.50	1.44	1.12	1.08	1.30	1.30	.82	1.70
October - - -	1.70	1.62	1.72	1.76	1.36	1.00	1.00	1.00	1.64	1.20
November - -	1.40	1.20	1.60	1.00	1.12	1.00	1.00	1.00	1.51	1.20
December - -	1.40	1.20	1.20	1.22	1.22	1.22	1.22	1.22	1.88	1.20
TOTALS -	17.80	17.80	17.80	17.80	17.80	17.80	17.80	17.80	20.39	17.80

1874-1876 Moore's Adm. p. 100

1877 July - 1/2 sec much land up

1878 June - 1/2 sec much land up

1879 July - 1/2 sec much land up



## Wytham on the Hill

Lincolnshire.

Y332

Welland - 2.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -		1.58	.56	2.40	.58	.82	.26	1.60	2.88	1.70	
February - -		.12	.76	2.14	2.10	.72	1.62	1.40	.98	1.30	
March - - -		2.54	1.42	1.00	1.72	2.08	1.36	2.50	.82	.24	
April - - -		1.70	2.84	1.60	1.74	2.80	1.12	1.06	2.84	4.22	
May - - -		1.14	1.30	1.50	2.32	2.92	.70	2.44	.94	.22	
June - - -		1.52	1.54	1.62	3.40	.88	.46	.90	1.88	3.28	
July - - -		1.70	5.42	2.02	.14	.40	1.60	1.12	0.50	4.12	
August - -		3.96	.46	3.48	2.10	2.76	1.00	2.38	2.26	4.40	
September -		3.52	.40	1.50	3.84	1.16	5.18	1.60	3.50	2.70	
October - -	#	7.70	1.70	2.64	4.72	3.76	3.36	1.50	4.08	1.50	1.00
November -		1.60	4.26	2.20	1.66	2.80	4.12	1.80	1.88	1.10	1.50
December -		2.34	3.60	.76	2.30	2.32	3.28	1.12	1.92	1.74	.46
TOTALS -	(20.00)	27.34	20.30	25.94	26.82	25.30	17.72	22.88	28.94	25.14	24.038

1821 - Upwards of 3.00 in last week of August

1825 July - Grass much burnt up

1826 June Quite burnt up - no grass

1828 July - All but .10 after 9th - 4.50 on 20th and nearly 2.00 on 26th.



RAINFALL AT Spalding Pede Hole Works

Lincoln.

Observer..... Alfred Harrison

Y 333.

Rain { By.....

Gauge } Diameter.....in.

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

Above Mean Sea Level...<sup>7</sup>29....ft.

Welland - 2.

[illegible]



RAINFALL at Boston

County of Lincolnshire

Observer Veall

River Basin Witham - 3.

Y334

Rain Gauge, by

15 JAN 1916

Diameter ...											
Height .....											
Altitude ...											
Year ...	<del>1820</del> 1910	<del>1821</del> 1911	<del>1822</del> 1912	<del>1823</del> 1913	<del>1824</del> 1914	<del>1825</del> 1915	<del>1826</del> 1916	<del>1827</del> 1917	<del>1828</del> 1918	<del>1829</del> 1919	MEANS.
January ...					.97	.81					
February ...					(1.29)	.60					
March .....					2.16	1.85					
April .....					1.89	1.55					
May .....	NOTE The monthly totals are from the 26th of one month to the 25th of the next So the period is for the month ending the 25th				2.40	3.00					
June .....					3.46	1.68					
July .....					1.26	.97					
August .....					2.01	1.88					
September ..					.96	3.33	1.00				
October ...				3.01	2.82	2.05					
November ...				3.73	3.82	2.14					
December...				1.19	2.92	2.89					
TOTALS ...					28.33	20.42					

25th of month

see next sheet

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



RAINFALL AT *Boston**Lincoln*  
*Y336*Observer *W. Veall*

Rain { By.....

Gauge { .....

Diameter.....in.

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

Above Mean Sea Level.....ft.

*Witham - 3.*

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....							.12	1.73	2.60	1.98	
February.....							1.22	.81	1.38	1.12	
March.....							1.19	1.72	.67	.17	
April.....							1.01	1.18	2.29	3.28	
May.....							.44	2.06	1.68	.22	
June.....							.21	1.54	2.05	2.99	
July.....							2.35	1.26	8.02	3.88	
August.....							.49	2.74	2.26	3.39	
September.....							4.18	1.27	2.15	2.98	
October.....							1.19	2.59	2.38	1.40	
November.....							1.90	1.39	1.31	2.53	
December.....							1.13	1.98	1.80	.20	
TOTALS.....							15.43	20.27	28.59	24.14	

*see previous sheet**see previous sheet*



Sheaford (South Kyrre)  
Jan. 11/2/75

Lincoln.  
Y 335

Rev<sup>d</sup> H. Sidney Neucatre

+ ground 1 ft + sea level 46 feet  
witham -3.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.74	2.76	.59	2.21	.63	1.16	1.33	1.45	3.82	1.42	
February - -	1.31	.62	.73	2.54	2.21	.87	.87	1.27	1.05	.23	
March - - -	.67	2.35	1.27	1.21	2.13	.63	.24	2.14	1.14	.69	
April - - -	1.49	1.64	2.68	1.66	2.07	1.69	0.0	1.08	2.12	2.51	
May - - -	2.64	2.01	1.60	1.27	3.64	3.27	0.0	1.11	1.71	.81	
June - - -	2.83	2.47	1.33	1.99	3.59	.91	.89	1.05	4.15	2.41	
July - - -	3.46	2.93	3.13	2.57	1.78	.33	0.00	1.77	5.71	2.99	
August - - -	1.77	2.46	1.57	2.22	2.43	2.52	1.12	1.10	3.13	4.43	
September -	2.42	2.50	1.59	1.83	3.62	2.36	1.18	2.94	1.95	2.40	
October - -	2.10	2.64	3.73	2.87	2.59	2.54	1.09	4.56	.96	1.40	
November -	1.56	4.59	3.86	1.96	3.45	2.87	2.02	1.65	1.06	1.98	
December -	1.89	4.53	1.21	2.21	3.14	2.52	1.05	2.81	1.93	.78	
TOTALS -	23.88	31.50	23.29	24.54	31.28	21.67	8.79	22.93	28.73	22.05	24.787

x Each of these falls was in about 6 hours and produced no sensible effect upon vegetation.

The amounts before 1826 were entered by Rev H. S. Neucatre at the beginning of his register but he did not begin to observe till 1826. The situation of the gauge and the observers name are unknown

See note in 1800-19 10yr book

Record for 1826 said to be at South Kyrre by Mr. A. S. Leslie Melville - said to have been kept from 1800.

See Met. Mag. August 1941



RAINFALL 1981-1990

1820-

Station WELBECK (ABBEY) No. Y336  
County NOTTS (Old No. \_\_\_\_\_)  
Authority Duke of Portland Estates Grid Ref. A11400 SK(43)5674  
Altitude \_\_\_\_\_ ft.  
River Basin Trent  
E. Bank  
File \_\_\_\_\_ TF \_\_\_\_\_ / MWR / m / a Tributary \_\_\_\_\_

	1961 1820	1962 1821	1963 1822	1964 1823	1965 1824	1966 1825	1967 1826	1968 1827	1969 1828	1970 1829	Means
January ...	2.24	1.22	1.43	1.94	0.47	1.10	0.82	1.51	2.69	1.36	
February...	1.54	0.29	2.10	3.84	1.05	0.28	2.37	0.76	1.80	1.61	
March ...	0.67	2.66	1.74	0.89	1.93	1.85	0.90	3.07	1.60	0.62	
April ...	1.51	2.25	1.57	1.79	1.55	3.36	1.05	0.75	3.96	3.48	
May ...	3.47	1.64	2.14	1.51	0.83	2.44	0.58	1.35	1.71	0.30	
June ...	2.24	1.81	2.30	1.44	3.82	1.61	0.64	0.48	1.60	2.13	
July ...	1.79	0.96	5.55	3.37	0.96	0.31	1.29	0.90	11.01	3.36	
August ...	1.22	3.19	1.72	3.39	1.79	2.90	2.23	2.20	1.28	3.04	
September	0.51	3.35	0.78	1.73	3.34	1.88	4.89	2.22	1.90	4.18	
October ...	2.13	1.64	3.44	2.40	5.42	2.96	1.15	5.87	1.42	1.13	
November	1.26	3.41	2.33	1.82	2.86	2.51	1.42	1.96	1.69	2.36	
December	2.26	4.47	1.40	3.90	2.17	3.20	0.93	2.60	1.79	0.71	
TOTAL ...	20.84	26.89	26.50	28.02	26.19	24.40	18.27	23.67	32.45	24.28	
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 from Prof. Gordon Manley who got them from British Museum manuscripts 16882-887.

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

\*NOTES on years with incomplete or unsatisfactory data:-

1824 seems low

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

MET.0.8 RAINMASTER  
RETROSPECTIVE SITE REVIEW

124109

NGH: SK(43) 564743

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

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



# Rainfall at Derby

Derby.

Observer W. Swanwick

Y337

Diameter of Gauge, ..... in.

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

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

sewer - 6.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.07	1.07	.75	2.09	.67	.85	.53	1.43	3.17	.68	1.331
February - -	1.17	.11	1.67	2.72	.46	.69	1.97	1.38	1.69	1.49	1.335
March - - -	.90	2.72	1.69	.89	2.42	.44	.46	3.48	1.15	.14	1.429
April - - -	1.42	1.98	.79	1.02	1.30	1.94	.55	.53	3.33	3.50	1.636
May - - - -	2.41	1.56	3.04	1.77	.83	2.58	1.04	1.25	.33	.14	1.495
June - - - -	1.45	3.04	1.68	2.50	4.44	1.62	.00	.68	1.15	3.44	2.000
July - - - -	1.79	1.05	4.24	2.15	.82	.01	1.93	1.58	11.32	3.23	2.812
August - - -	1.23	2.81	1.27	3.98	2.35	3.26	2.05	1.91	1.45	4.28	2.459
September -	.46	5.00	.61	1.39	3.43	1.54	3.68	1.97	2.37	4.93	2.538
October - -	2.26	1.71	4.21	2.89	7.03	3.08	.83	4.07	1.43	1.05	2.856
November -	1.04	3.32	1.59	3.09	3.79	3.88	.96	1.92	1.78	1.84	2.321
December -	1.52	3.63	.45	2.35	2.98	3.32	1.41	2.73	2.01	.59	2.099
TOTALS -	17.72	28.00	21.99	26.84	30.52	23.21	15.41	22.93	31.18	25.31	24.311

1828. July 9. 3.58 in. 15 "A very high flood on the river for above a week & much hay destroyed & washed away".



Liverpool West Derby  
RAINFALL AT Ormskirk Aughton Spring  
Lancashire

Observer G. Cooke Esq.

Y 339

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

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June... ..											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS .....						33.37	23.43	31.76	38.95	33.30	



Rainfall at Alderley Rectory, Knutsford, Cheshire

E. V.

20

Cheshire

Y338

Observer - Rev. E. Stanley

Upper mesey - 1.

YEAR - -	1820	1821	1822	1823	1824						MEANS.
January - -	1.68	1.19	1.14	2.05	1.33						
February - -	1.49	.57	1.63	3.96	.86						
March - - -	1.99	3.40	3.48	3.10	3.14						
April - - -	2.16	2.98	1.99	1.76	2.24						
May - - - -	5.51	3.18	1.16	2.07	1.33						
June - - - -	2.83	1.38	2.90	2.70	4.00						
July - - - -	2.84	2.05	7.81	4.22	.93						
August - - -	2.79	4.46	3.54	4.83	2.70						
September -	2.85	6.06	1.32	3.36	4.07						
October - -	3.66	2.76	3.39	2.38	6.60						
November -	1.96	5.49	3.24	2.10	5.76						
December -	1.80	5.52	1.81	4.49	4.54						
TOTALS -	31.56	39.04	33.41	37.02	37.50						

c c c c c



# Rainfall at *Manchester (Ardwick Green)*

20

*Laurence Bucham.*

*sent by Mr. Harris*

4340

Diameter of Gauge, ..... in.

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

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

YEAR - -						1825	1826	1827	1828	1829	MEANS.
January - -						2.00	.40	3.15	2.85	.35	
February - -						1.75	2.80	1.30	2.00	1.55	
March - - -						1.15	.90	5.25	2.15	.20	
April - - - -						2.00	2.05	1.15	3.45	3.00	
May - - - - -						4.75	.39	1.55	1.15	1.10	
June - - - - -						3.00	.18	1.60	2.75	3.20	
July - - - - -						.75	2.95	2.00	10.65	4.70	
August - - -						4.50	2.50	4.55	3.45	5.00	
September -						1.50	2.30	2.40	3.35	4.80	
October - - -						4.50	3.70	4.60	2.70	3.10	
November - -						6.50	1.80	3.30	3.40	4.00	
December - -						3.00	2.75	3.80	4.40	.70	
TOTALS - - -						35.40	22.72	34.65	42.30	31.70	



Manchester, Charlton

20

D<sup>r</sup> Dalton

✓ 361

10 in diameter 2 ft above ground

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.56	1.32	2.25	1.89	2.00	2.33	.75	3.69	3.31	.61	1.971
February - -	1.63	.86	3.60	4.27	.97	1.95	3.19	1.09	2.11	1.57	2.124
March - - -	1.43	3.15	5.51	3.04	3.45	1.26	1.28	6.03	2.20	.18	2.753
April - - -	3.28	3.98	1.51	2.30	2.15	2.01	2.09	1.37	3.53	3.11	2.533
May - - - -	5.81	3.19	2.73	2.93	1.58	5.11	.39	1.85	1.17	1.21	2.597
June - - - -	4.20	1.46	.51	3.00	3.48	3.32	.20	1.87	2.72	2.87	2.363
July - - - -	2.23	2.50	7.27	5.72	1.09	.60	3.00	2.23	11.48	5.48	4.160
August - - -	4.23	3.52	3.87	6.27	2.44	4.74	2.46	4.85	3.81	5.37	4.156
September -	3.09	5.47	1.31	5.09	5.44	1.60	2.80	2.65	3.39	4.96	3.580
October - -	3.94	3.29	3.54	3.47	6.90	4.26	3.96	4.89	3.08	3.55	4.088
November -	2.41	5.40	5.28	2.51	5.51	7.38	1.63	3.05	3.69	4.34	4.120
December -	3.69	4.97	2.02	4.28	7.93	2.86	3.16	5.19	4.78	.74	3.962
TOTALS -	37.50	39.11	39.40	44.77	42.94	37.42	24.91	38.76	45.27	33.99	38.407

March Memoirs

Gauge on S.E. side of town 60 ft from any elevated object  
Dalton's G. was on the premises of Messrs Hoyle & Sons

see also sheet in book 1695-1840

Nyd Sta. 6. 36 - 563329

NGR: (33) 846967

Alt. 38m



RAINFALL AT ManchesterLancashireYearObserver T. HansonRain { By.....  
Gauge { .....

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....	1.10	1.10	2.40	1.30	1.40	1.70	.70	2.60	2.60		
February.....	1.50	.50	2.90	3.30	.70	1.80	2.20	1.00	2.00		
March.....	1.70	2.60	4.30	2.70	2.90	1.00	.80	5.00	2.00		
April.....	2.40	3.30	.70	1.70	1.50	1.80	1.70	1.20	2.80		
May.....	5.90	2.50	1.80	2.70	1.60	4.10	.30	1.40	1.10		
June.....	2.80	1.10	1.50	2.10	3.30	3.10	.30	1.50	2.90		
July.....	1.40	1.90	8.10	5.10	1.00	.50	2.30	2.20	9.80		
August.....	3.60	3.10	4.00	4.70	1.80	4.10	2.30	3.20	3.40		
September.....	2.40	4.60	1.60	3.80	4.50	1.80	2.20	2.40	3.00		
October.....	4.30	2.90	3.40	3.00	6.60	4.20	3.40	5.00	2.60		
November.....	2.20	4.40	4.20	1.70	4.90	6.20	1.40	2.90	3.10		
December.....	2.90	3.80	1.40	3.90	6.20	2.60	2.60	3.80	4.10		
TOTALS.....	32.20	31.80	36.30	36.00	36.40	32.90	20.20	32.20	39.40		

See next page



RAINFALL AT Manchester Bridge Street

Y342

Observer L. Hanson Esq.

Rain { By.....

Gauge { .....

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....				1.29							
February.....				3.28							
March.....				2.66							
April.....				1.70							
May.....				2.73							
June.....				2.17							
July.....				5.06							
August.....				4.68							
September.....				3.80							
October.....				3.06							
November.....				1.69							
December.....				3.86							
TOTALS .....				35.98							

1823 M. S. Met. Soc.



Crompton 2 1/4 m N of Manchester

4343

Gauge 6 in diam: rim 3 in deep.

On a garden wall Above ground 12 ft

Above Sea Level 292

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -		1.70	2.39	1.29	1.44	1.72	.69	2.60	2.90		
February - -		.53	2.93	3.28	.62	1.86	2.22	.93	1.82		
March - - -		3.88	4.31	2.38	2.85	1.02	.77	4.44	1.60		
April - - -		3.52	.75	1.49	1.54	1.76	1.73	1.01	3.17		
May - - - -		2.88	1.81	2.62	1.55	4.12	.17	1.69	.79		
June - - - -		1.20	1.45	2.87	3.29	3.06	.19	2.03	2.03		
July - - - -		1.87	8.14	5.21	.98	.52	3.04	2.00	10.10		
August - - -		3.28	3.98	5.92	1.79	4.10	2.22	4.08	3.45		
September -		4.28	1.56	4.58	4.51	1.77	2.34	3.12	2.92		
October - - -		3.32	3.35	3.66	6.64	4.21	3.60	4.42	2.54		
November - -		4.44	4.19	1.90	4.95	6.21	2.00	2.44	2.21		
December - -		3.86	1.44	4.30	6.25	2.58	2.87	3.77	4.57		
TOTALS -		34.76	36.30	39.50	36.41	32.93	21.84	32.53	38.10		

1-8 March. Memoirs 7-11



Woss Lock nr Rochdale  
6m SW of Blackstone Edge

✓344

Prof Monley  
Says these Rochdale  
canal gorges were on the north  
of the lock keeper's cottages.  
J.M. Middlek 1/12/75  
510 ft + S.L.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -						1.55	.05	2.15	2.70	.31	
February - -						1.05	2.20	.60	1.25	1.20	
March - - -						.80	.05	3.30	.90	.05	
April - - -						.95	1.30	.40	3.50	2.70	
May - - - -						3.35	.15	1.05	1.00	.70	
June - - - -						2.75	.55	2.05	1.15	2.20	
July - - - -						.80	2.75	1.15	9.40	2.75	
August - - -						3.25	1.95	2.75	4.95	6.15	
September -						1.60	1.55	2.05	2.40	4.45	
October - -						4.10	3.35	3.55	2.40	2.75	
November -						4.70	1.80	3.15	4.30	2.35	
December -						1.80	2.20	4.15	4.45	.35	
TOTALS -						26.78	18.70	26.35	38.40	25.96	

5-9 March Mem 7-15

MET.O.S. RAINMASTER  
RETROSPECTIVE SITE REVIEW

IND. STN.  
NUMBER 561534

NGR: SD(14) 914127

ALT: 470 ft = 143

metres. Date of review: 24/7/78



RAINFALL AT Zealand W.S. returns  
W. J. Birkett.

4345

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

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January .....	3.77	2.28	1.75	1.64	2.40	4.14	.12	5.20	6.01	.22	
February .....	1.83	.58	4.56	3.94	1.70	2.92	6.40	1.69	3.44	2.02	
March .....	2.20	5.22	5.86	2.85	4.47	1.97	1.27	4.80	2.46	.70	
April .....	1.57	3.80	1.50	3.03	2.07	2.88	2.20	1.93	4.95	4.25	
May .....		2.41	1.40	6.46	.53	2.70	.97	3.63	2.33	1.80	
June.....	1.73	—	1.82	4.10	2.95	5.83	.48	3.12	5.20	5.20	
July .....	2.28	1.50	6.88	4.12	1.63	.06	.77	2.43	5.79	7.01	
August.....	6.36	5.00	4.15	6.51	3.76	4.05	4.40	5.11	6.89	8.06	
September ...	6.38	9.15	2.99	5.49	5.80	5.18	1.29	3.18	5.68	4.88	
October.....	4.28	4.25	7.19	4.01	7.13	6.31	4.24	3.75	4.02	7.22	
November.....	1.77	5.29	10.67	2.94	9.92	7.53	3.15	3.74	4.82	5.20	
December.....	6.30	5.31	2.81	4.69	10.26	3.04	4.24	9.89	8.12	2.01	
TOTALS .....		44.79	51.58	49.78	52.62	46.61	29.53	48.47	59.71	48.57	

1820 May missing



White Holme, Blackstone Edge Reservoir

Rochdale Canal Co<sup>d</sup> Gauge, at the reservoir

See note

on Mon look

JMC 1/12/75

+ S Level 1500 ft

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.50	2.05	1.12	—	1.47	1.40	.65	1.92	2.70	.00	
February - -	.75	.30	4.00		.82	1.20	2.93	1.62	1.33	1.39	
March - - -	2.50	2.48	2.80		2.25	.55	.40	3.40	1.42	.13	
April - - -	1.00	2.26	4.45		2.75	1.69	.85	.67	3.93	2.86	
May - - - -	2.90	1.56	1.40		1.25	4.45	.70	1.50	.60	.55	
June - - - -	2.00	.70	1.03		3.09	2.77	.40	1.93	2.18	2.41	
July - - - -	1.20	.90	7.94		.95	.61	2.25	1.80	8.01	2.75	
August - - -	5.62	3.00	2.70		2.48	4.69	2.15	2.59	4.69	8.10	
September -	1.50	4.50	2.00		4.50	2.60	3.04	2.28	2.35	3.91	
October - -	2.95	5.00	2.20		6.27	3.05	3.12	4.94	2.25	2.39	
November -	1.39	4.10	2.10		5.53	5.48	1.20	2.80	4.84	2.40	
December -	4.60	6.00	2.00		6.83	2.43	2.00	5.48	4.97	.53	
TOTALS -	27.91	32.85	33.74	35.68	38.19	30.92	19.69	30.93	39.27	27.42	31.660

g-g March Mem 7-14

MET. Q. 8 RAINMASTER  
RETROSPECTIVE SITE REVIEW

561308

NGR: SD(34) 972164

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



## Stubbins

5 m N. of Towerby, and Moss Lock 66 m from Todmorden

Y351

Reef gauge

See note  
or Moss Lock  
JMS 2/12/75

364 ft + Sea Level

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -						2.46	70	2.83	3.07	.31	
February - -						1.46	4.82	1.51	1.52	1.22	
March - - -						.97	1.15	5.98	1.68	.15	
April - - -						1.85	1.62	1.36	3.50	4.18	
May - - - -						4.35	.50	1.95	1.35	.80	
June - - - -						2.30	.65	1.62	1.36	2.60	
July - - - -						.20	1.22	1.80	6.66	3.59	
August - - -						4.09	1.84	2.86	3.65	8.24	
September -						1.71	2.76	2.25	2.85	3.97	
October - -						5.42	3.30	5.05	2.67	2.99	
November -						6.20	2.15	3.20	4.30	1.84	
December -						3.63	2.85	6.32	7.14	.47	
TOTALS -						34.84	22.56	36.73	39.75	30.36	

This gauge was in a deep, narrow, tortuous valley  
surrounded by hills varying from 300 to 1200 ft high.

5-9 Mar Mar 7-18 Nov



# Rainfall at Leeds Philosophical Hall

20

Y352

Obs. Ret. 20 a

Diam: 10 in + ground 40 feet

+ Sea Level 137 ft

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -					1.00	1.20	.46	1.48	2.58	.28	
February - -					.61	.24	2.61	.63	.64	.12	
March - - -					2.26	1.10	.55	2.38	1.52	.10	
April - - -					79	1.39	1.59	.97	1.19	.18	
May - - - -					56	2.61	.53	1.66	1.69	.10	
June - - - -					2.08	1.20	.39	.84	2.96	2.10	
July - - - -				3.88	71	54	1.59	1.31	5.96	5.17	
August - - -				4.24	1.68	2.51	1.64	2.83	2.87	6.66	
September -				2.19	3.72	1.70	3.75	1.66	2.20	2.20	
October - -				2.44	6.21	2.39	1.77	4.31	1.10	1.29	
November -				1.66	2.99	2.90	1.14	1.46	1.32	1.43	
December -				3.96	4.11	2.86	1.25	3.00	2.07	.03	
TOTALS -					26.72	20.64	17.27	22.53	26.10	19.66	

Hyd. No 076081

N9R SE(44) 4298338

Alt 42M



Well Head Halypas

✓350

John Waterhouse

Painted Pub

+ Ground 1 ft

+ Sea Level 540 ft

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -										3.00	{
February - -										1.00	
March - - -										.10	
April - - -										3.70	
May - - - -										.70	
June - - - -										2.70	
July - - - -										5.70	
August - - -										7.70	
September -										3.50	
October - -										2.40	
November -										2.00	
December -										.60	
TOTALS -										32.10	

C



# Rainfall at Sowerby Bridge

7m N.E. of Blackstone Edge

E-N

20

See note  
a. M. L. L.  
Jm. 1/12/25

Y 269

268 ft + Sea Level

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -									3.31	.42	
February - -									1.11	1.53	
March - - -									1.29	.14	
April - - -									3.57	3.74	
May - - - -									1.40	.21	
June - - - -									1.09	3.10	
July - - - -									6.75	3.35	
August - - -									2.71	7.10	
September -									2.07	3.05	
October - -									1.15	1.79	
November -									3.82	1.49	
December -									3.07	.48	
TOTALS -									31.28	26.40	

il il

8-9 Mean Mem: 7.16



Y 346

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -					.60	.80	1.05	1.58	3.57	.65	
February - -					.89	.34	2.23	.95	1.11	1.79	
March - - -					1.82	1.20	.45	2.05	1.58	.32	
April - - -					1.22	4.56	1.67	.70	4.01	2.94	
May - - - -					1.10	2.52	.79	1.67	1.82	.36	
June - - - -					4.59	1.53	.37	.66	1.27	2.00	
July - - - -					.43	.76	1.65	1.39	9.48	3.00	
August - - -					1.67	3.28	1.00	2.79	1.28	5.19	
September -					6.36	.05	5.10	1.76	2.76	3.27	
October - -					6.07	2.48	1.31	5.01	.92	1.21	
November -					2.25	2.06	1.87	2.56	2.77	1.27	
December -					3.57	2.96	1.25	2.24	1.84	.77	
TOTALS -					30.57	24.22	18.74	25.04	32.35	22.85	



# RAINFALL AT *Heath*

Y348 20

*Blanchard*

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

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

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

YEAR .....	1820	1821	1822	1823	1824	1825					MEANS.
January .....	.79	1.49	.82	2.09		.91					
February .....	1.99	.18	2.49	3.66		.61					
March .....	.80	3.32	3.31	.96		1.60					
April .....	1.46	2.43	1.81	1.38		3.36					
May .....	3.84	2.41	2.07	1.98		3.30					
June .....	1.71		.45	1.00		1.53					
July .....	1.80		5.61	4.03		.39					
August .....	1.21		1.99	3.91		3.08					
September ...	.47		4.43	1.05		1.07					
October .....	2.06			2.35		2.12					
November ...	1.43		2.43	1.95		3.23					
December .....	2.25		0.00	4.46		3.08					
TOTALS.....	19.81	29.78	25.41	28.82	30.15	24.28					

*Mean of Previous 14 yrs 28.12*  
*Maximum 34.40*



# Rainfall at *Headingley.*

20

7353

*My P. 5*

Diameter of Gauge, ..... in.

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

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

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.30	1.59	.76	3.01	.54	1.30	.35	1.54	3.11	.86	1.436
February - -	3.05	.18	2.45	1.03	.83	.52	2.51	.74	.57	1.45	1.333
March - - -	.74	2.94	2.71	.79	1.81	1.17	.60	2.85	1.40	.19	1.520
April - - -	1.91	2.22	1.90	1.24	1.20	1.03	2.17	.59	2.60	3.50	1.836
May - - - -	3.21	2.16	2.83	1.32	.86	3.64	.77	1.98	1.68	.50	1.895
June - - - -	.65	1.17	.22	1.03	1.80	1.21	.71	1.41	.75	2.15	1.110
July - - - -	2.40	1.19	5.18	4.18	.73	.56	1.39	1.30	7.77	5.46	3.016
August - - -	1.87	2.45	1.95	3.70	1.37	2.05	1.92	3.95	2.12	6.06	2.744
September -	.81	3.95	.49	2.09	3.73	1.18	3.98	1.14	2.52	3.07	2.296
October - -	2.00	2.13	2.43	2.67	5.97	1.48	1.54	6.87	1.32	1.18	2.759
November -	1.53	3.59	3.26	1.49	3.66	3.82	1.58	1.97	2.92	1.24	2.506
December -	.93	5.59	1.01	3.35	5.50	3.03	1.49	2.55	2.26	.58	2.629
TOTALS -	20.40	29.16	25.19	25.90	28.00	20.99	19.01	26.89	29.02	26.24	25.080

1819 Feb #8.882 Mar 2.574 April 2.563 May 1.364 June 2.777 July (no entry)

Aug: 4.213 Sept: 3.19 Oct: 7.106 Nov: 3.685 Dec: 4.235.

"The book states that the gauge was 10 in. diam: & the amount of "rain calculated from its weight. This I expect continued to Oct."

"1834, all the monthly entries being to three places of decimals"

(signed) S.A. Marshall



# RAINFALL AT

*Madellon River*

20

Y354

Rain { By .....

Gauge { Diameter.....in.

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

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

YEAR .....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January .....		1.55	1.56	1.93	.50	1.00	1.25	2.00	3.10	2.13	
February .....		.00	1.10	4.75	1.06	1.05	.66	1.34	2.00	1.69	
March .....		2.65	2.00	1.06	1.70	1.18	.88	1.94	.74	.62	
April .....		1.51	2.28	.73	2.06	2.03	.43	3.15	3.67	3.37	
May .....		2.28	2.50	1.56	1.35	2.29	.40	6.10	2.50	.19	
June .....		.57	1.44	1.40	2.38	2.03	.50	2.00	1.66	1.84	
July .....	1.50	2.57	5.84	2.89	.55	.41	1.31	1.36	8.88	4.16	
August .....	3.09	1.25	1.58	2.80	1.79	3.11	.70	3.13	1.90	6.58	
September ...	.99	4.03	.25	2.54	4.05	.95	5.96	3.00	2.63	4.89	
October .....	2.15	1.84	3.25	3.18	4.25	2.00	1.60	5.50	2.00	2.75	
November ...	2.18	2.91	2.08	1.45	2.81	2.50	1.38	2.50	2.50	1.59	
December .....	1.60	4.90	.30	3.45	2.93	3.50	(1.50)	2.25	2.13	1.00	
TOTALS.....	23.73	25.94	24.18	25.74	25.43	22.05	16.67	34.27	33.71	30.81	44.3



# Rainfall at New Malton

20

Y355

Mr. J. Stockton

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -		1.54									
February - -		.26		7.04							
March - - -		3.40									
April - - -		2.08		.94							
May - - - -		3.04									
June - - - -		.80									
July - - - -		2.28									
August - - -		1.08									
September -		2.88			5.61						
October - -		2.26			6.25						
November -		3.75			4.38						
December -		5.37									
TOTALS -	29.43	28.74		42.40							

28.96

0-1 Morris Almanac 18-70

1824 Mss. Met. Soc.



Rainfall at Newborough, Heaham

8-20

Northumberland

Observer Rev. Wastell Authority

4356

Adie's Best Gauge

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -					.96						
February - -					.98						
March - - -					1.69						
April - - -					.84						
May - - - -					1.19						
June - - - -					1.35						
July - - - -					1.31						
August - - -					1.72						
September -					2.61						
October - -					2.43						
November -					4.11						
December -					4.78						
TOTALS -		27.41	26.98	23.54	23.97						



# Rainfall at near Wighton (Cumberland)

7360

Diameter of Gauge, ..... in.

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

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

YEAR - -	1821	1822	1823	1824	1825	1826				MEANS.
January - -		1.49	1.71 <sup>2</sup>	<sup>2.24</sup> 2.20	<sup>2.28</sup> 2.54	.55				
February - -		5.03	2.37	1.43	1.35	5.07				
March - - -		5.20	1.56	2.68	.86	1.69				
April - - -		2.26	1.64	1.34	1.41	1.89				
May - - - -		1.58	5.22	1.09	1.40	.47				
June - - - -	<sup>287</sup> <sub>10</sub> 1.74	1.12	1.73	1.16	2.66	.42				
July - - - -	<sup>4.92</sup> <sub>77</sub> 1.72	4.78	4.21	2.38	.32	2.05				
August - - -	<sup>2</sup> 1.80	3.45	4.90	2.17	4.72					
September -	3.60	2.43	4.98	3.60	3.42					
October - -	<sup>5.09</sup> 6.20	5.06	3.92	<sup>4.42</sup> 3.51	3.79					
November -		6.92	2.01	6.42	<sup>2.642</sup>					
December -		2.09	3.12	<sup>8.38</sup> 8.21	2.55					
TOTALS -				36.10						

41.58 37.37 37.31 31.72

1825, Dec. 20<sup>th</sup> 1 in +.

22 & 22 2 in.

1-5 Ed Farm Mag.

Monthly Totals. Jan-1821 - July '26 quoted by Mr. Manley in letter d.6.10.44,  
& taken from "North-Western Naturalist" - Sept. 1943.

The differing values given there are:- 1822 { Aug 4.92  
Oct. 5.09  
Total 41.58 Year.

1824 { Jan 2.24  
Oct. 4.42  
Dec. 8.38  
Total 37.31 Year.

1825 { Jan 2.28  
Total 31.72 Year.

The values are given in a letter to the Secretaries  
of the Yorks. Phils. Soc. from John Pemberton, Broomham, Yorks,  
d. 25.9.1826.  
as being "from a gauge kept by an accurate person".



Rainfall at Carlisle (Thaddongate)

12 m from sea

Observer Mr Pitt

E - W

20

7351

Gauge

Above Sea Level 40 feet

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.25	1.65	1.53	2.68	1.63						
February - -	1.80	.75	2.87	2.02	.77						
March - - -	2.47	3.68	4.01	1.96	2.50						
April - - -	1.00	2.74	1.90	1.64	.85						
May - - - -	3.40	1.26	1.34	4.61	1.23						
June - - - -	3.64	1.11	1.05	1.57	2.23						
July - - - -	2.02	1.55	5.33	5.12	2.55						
August - - -	4.01	1.74	5.30	5.18	2.95						
September -	3.11	3.45	1.33	3.80	3.85						
October - -	2.45	4.67	4.06	2.84	3.01						
November -	1.60	4.70	4.31	1.62	5.53						
December -	2.42	4.63	2.35	2.47	5.63						
TOTALS -	30.17	31.93	35.38	35.51	32.73						

C C C C C

Ed Phil Dr

Aug 1822 corrected by Moore's Almanac 12-77

Hyd. Sta. No: 44- 606269

NQR: (35) 401555

Alt. 12m



RAINFALL AT Buttermere

Gauge in a garden opposite the Victoria Hotel <sup>Y357</sup>

Observer Rev. - Littledale

Rain { By .....

Gauge { .....  
Diameter.....1.0.....in. Height above Ground,.....ft.....in. Above Mean Sea Level.....ft.

YEAR.....	1820	1821	1822	1823	1824						MEANS.
January.....	6.05	6.16	7.82	.81	10.94						
February .....	9.99	.17	11.38	5.70	3.87						
March .....	8.42	6.82	5.52	6.76	12.41						
April.....	6.82	5.84	4.58	4.61	4.25						
May .....	10.18	4.65	4.60	4.35	2.83						
June .....	5.42	.43	3.17	1.68	2.46						
July.....	8.18	4.00	2.15	8.66	3.54						
August.....	11.72	3.65	7.11		3.50						
September .....	5.28	9.24	7.09	9.61	5.30						
October .....	8.75	6.01	5.63	8.48	11.68						
November .....	6.41	7.41	11.98	5.28	12.72						
December.....	.48	10.31	3.21	10.95	14.60						
TOTALS.....	87.70	64.69	74.24		88.10						

From W. S. A. Marshall's M. S. book.



# Rainfall at Kendal, St George's Church

20

on W. side of a valley running NE-SW; at the S. extremity of the Mountainous Lake District

Observer S. Marshall Esq.

Authority

1361

	Diam. 8 in.		+ Ground 4 ft. bin		149 ft above Sea						
YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.99	4.47	1.55	2.90	3.91	5.93	1.82	8.63	6.19	.75	3.914
February - -	2.71	.16	7.28	5.52	2.90	5.53	10.77	2.70	4.63	1.23	4.343
March - - -	1.86	5.74	9.02	3.05	6.30	2.96	2.26	8.68	2.44	.87	4.318
April - - -	.75	5.50	2.34	3.23	2.38	2.21	2.75	2.55	4.01	3.51	2.923
May - - - -	4.88	2.76	2.28	7.04	.68	4.00	.37	3.48	1.96	1.98	2.953
June - - - -	2.67	.59	1.58	3.42	2.03	6.33	.75	4.26	3.08	4.20	2.891
July - - - -	4.01	2.37	8.34	7.86	1.72	.70	3.55	3.17	3.50	5.57	4.079
August - - -	8.15	4.43	4.30	7.75	2.98	4.56	4.60	5.21	5.58	9.38	5.694
September -	6.63	7.24	2.87	5.74	5.62	6.62	3.45	3.33	4.50	5.24	5.124
October - -	4.25	6.58	8.49	6.22	7.60	6.99	4.36	3.01	4.92	6.68	5.910
November -	2.25	9.22	10.88	3.40	13.43	10.03	4.30	2.62	4.79	3.86	6.478
December -	4.30	6.29	3.80	6.62	13.21	4.01	4.08	10.36	9.23	2.90	6.480
TOTALS -	45.45	55.35	62.73	62.75	62.76	59.97	43.06	58.00	54.83	46.17	55.107

1822-5 totals } Ed Journal of Sci. 2. 4. 2. & my Book  
1826-9

23 Moore's Almanac

1822-23 M.B. Met Soc agree

1828 Oct<sup>r</sup> 7<sup>th</sup> 9 AM to 8<sup>th</sup> 9 AM 1.420 in

1829 Aug<sup>t</sup> 2 " to 3<sup>rd</sup> " " 1.087 "

" 13 " 14<sup>th</sup> 1.188 "

" 22 " 23<sup>rd</sup> 1.235 "

Mr. Marshall's observations began in 1822

Hyd Sta. no. 45-585680

NGR: SD (34) 513928

alt 45m



# Rainfall at Hallsteads

Y358

Diameter of Gauge, ..... in.

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

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

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	4.13	4.15	2.26	2.40	5.07	7.74	4.09	6.25	9.08	.93	4.610
February - -	1.98	2.00	11.92	7.33	4.63	5.02	17.40	5.19	1.98	1.10	5.855
March - - -	2.72	5.10	11.59	3.65	7.56	3.21	4.66	11.79	3.15	2.46	5.589
April - - -	1.44	6.77	3.22	2.80	5.90	.66	3.21	2.42	3.52	5.94	3.588
May - - - -	5.87	4.12	5.15	8.54	1.22	3.12	1.01	5.63	2.99	2.77	4.042
June - - - -	2.74	1.54	.33	2.92	2.51	4.27	.59	5.85	2.77	5.15	2.867
July - - - -	2.60	2.59	6.96	7.04	1.84	3.70	2.82	2.80	6.05	5.76	4.216
August - - -	6.36	3.79	5.71	5.48	2.09	5.46	4.09	5.68	5.81	8.18	5.265
September -	4.15	8.15	4.12	6.02	6.14	6.29	5.17	5.28	2.35	4.09	5.176
October - -	4.59	7.66	10.31	10.05	7.37	6.71	4.91	7.47	4.58	6.12	6.977
November -	3.96	8.24	17.79	4.45	15.64	9.17	5.24	3.56	7.50	2.82	7.837
December -	4.31	11.79	4.84	13.35	14.19	5.15	6.56	16.96	12.19	4.05	9.339
TOTALS -	44.85	65.90	84.20	74.03	74.16	60.50	59.75	78.88	61.97	49.37	65.361

c c c c c c c c c c c







Rainfall at Whinfell Hall

20

near Cockermouth.

Wilson Robinson

7359

Diameter of Gauge, ..... in. Height above Ground, 6<sup>7</sup> ft. .... in. Above Mean Sea Level, ..... ft.

Area " " betw 11 & 12 in. Glass bottle with tin funnel through cork.

YEAR - -										1829	MEANS.
January - -										# .40	
February - -										1.23	
March - - -										1.23	
April - - -										4.00	
May - - - -										2.35	
June - - - -										3.29	
July - - - -										4.26	
August - - -										9.26	
September -										3.95	
October - - -										7.45	
November - -										3.57	
December - -										3.81	
TOTALS -										44.80	

Hyd Sta. no. 44. 594323

alt 2374. 72m

NGR: NY (35) 150254



*baniff,*  
RAINFALL AT *Fairwater House*

*Glamorgan*

Observer.....*Evan David*.....

Rain { By.....  
Gauge { .....

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

*ogmore - 5.*

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS.....						53.80	38.50	30.25	49.40	51.80	44.65

*Hyd. Sta. no. 47-491542*

*NGR ST (31) 139776*

*alt 18m*



RAINFALL AT Bamgor

Cameroon.

Y363

Observer J. Wyatt Esq.

Rain { By .....

Gauge { Diameter 9 3/4 in.Height above Ground, 3 ft. .... in.Above Mean Sea Level 25 ft.menai - 3.

YEAR.....						1825	1826	1827	1828		MEANS.
January.....						#3.80	1.72	3.60	2.79		
February .....						2.03	4.22	0.86	2.16		
March .....						1.59	1.90	4.43	1.39		
April .....						1.72	2.53	1.60	3.14		
May .....						2.71	1.18	1.36	1.86		
June .....						2.12	0.88	1.60	1.09		
July .....						0.66	2.70	1.58	4.40		
August .....						3.44	2.58	2.54	2.68		
September.....						4.56	4.16	2.22	2.80		
October .....						5.37	3.38	3.75	2.07		
November.....						7.85	4.19	2.41	3.16		
December .....						3.96	5.04	5.42	4.74	#	
TOTALS .....						39.81	34.41	31.37	32.28		



# Rainfall at Point of Ayre

J. g. man.

Diameter of Gauge, ..... in.

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

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

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -				1.87	1.03	1.59	.55	1.77	2.24	.77	
February - -				2.39	.72	.82	3.52	.68	1.77	1.01	
March - - -				1.50	2.14	1.51	1.08	3.72	.74	1.41	
April - - -				.89	1.27	1.04	1.45	1.03	2.97	2.87	
May - - - -				2.92	.45	1.63	.12	1.08	1.86	.67	
June - - - -				.26	.48	1.08	.97	.14	1.19	.84	1.73
July - - - -				5.25	2.24	1.57	.42	1.11	1.40	1.89	2.47
August - - -				1.75	2.74	2.03	3.18	1.18	3.40	1.34	5.00
September -				.64	3.78	2.26	2.36	.85	1.84	1.89	2.52
October - - -				2.46	3.07	4.48	3.24	2.37	2.27	4.12	3.55
November - -				4.81	1.25	4.11	3.79	1.67	3.22	2.72	2.57
December - -				2.16	3.03	3.91	1.47	4.38	4.41	3.76	1.65
TOTALS -				26.46	25.05	22.02	18.42	26.01	26.14	26.22	

No Return

\* From 28<sup>th</sup> June.



RAINFALL AT *Calf of Man Low Station*

Y 264

Observer *Bd of Northern Lights*

Rain { By.....

Gauge { .....

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....						1.11	.63	2.05	1.47	.90	
February.....						.75	2.35	.41	1.54	.93	
March.....						1.19	.81	2.62	1.25	.43	
April.....						.57	1.33	1.36	2.20	2.84	
May.....						1.19	.45	.87	1.15	.78	
June.....						.65	.10	1.23	.63	.78	
July.....						.18	1.04	1.25	1.92	2.84	
August.....						1.99	1.85	3.68	1.70	4.76	
September.....						1.87	.62	1.28	1.03	1.65	
October.....						3.58	1.65	1.62	1.99	3.22	
November.....						4.04	2.44	2.31	2.66	1.71	
December.....						1.93	2.66	3.06	2.32	1.34	
TOTALS.....						19.05	15.93	21.74	19.86	22.18	



Rainfall at Calf of Man

20

Sligh Station 4365

Bd. of Northern Lights

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

YEAR - -	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.73	.96	1.12	.40	<del>2.05</del>	1.39	.89	
February - -	2.35	.59	.76	2.46	<del>4.1</del>	1.50	.90	
March - - -	1.68	1.50	1.25	.78	<del>2.62</del>	1.19	.42	
April - - -	<del>1.79</del>	.85	.66	1.34	<del>1.36</del>	2.06	2.75	
May - - -	2.19	.10	1.42	.41	<del>.87</del>	1.12	.85	
June - - -	.56	1.57	.64	.09	<del>1.23</del>	.62	.77	
July - - -	2.22	.82	.16	.95	<del>1.25</del>	1.85	2.50	
August - - -	2.89	<del>1.85</del>	1.58	1.82	<del>3.68</del>	1.68	4.59	
September -	3.05	2.33	1.94	.59	<del>1.28</del>	1.07	1.60	
October - -	2.78	5.41	3.30	1.60	<del>1.24</del>	1.93	3.09	
November -	.98	<del>2.36</del>	3.89	2.32	<del>1.59</del>	2.56	1.65	
December -	2.68	<del>4.55</del>	1.86	2.66	<del>2.28</del>	2.49	1.19	
TOTALS -	23.90	<del>23.10</del>	18.58	15.42	<del>21.74</del>	19.44	21.20	
		22.83						

1823 Sent by A. W. Moore Oct 1885  
Corrections sent by A. W. Moore 30.9.85 after examining the records at the Northern Light Office Edinburgh.



Rainfall at

Isle of Man

20

Y 366

Observer - Rob<sup>t</sup> Stewart Esq. Receiver General.

YEAR - -					1824	1825	1826	1827	1828	1829	MEANS.
January - -					2.47	3.80	.79	4.58	3.47	.87	
February - -					1.52	2.67	4.75	2.12	2.56	1.58	
March - - -					3.43	2.11	1.79	5.65	1.00	1.00	
April - - -					1.86	1.22	2.59	2.41	4.38	3.10	
May - - - -					.62	2.07	.52	1.76	2.05	1.53	
June - - - -					2.42	2.20	.04	2.79	1.63	1.77	
July - - - -					1.37	.57	1.30	2.65	3.33	2.86	
August - - -					2.45	3.71	2.35	4.58	2.09	5.00	
September -					5.36	3.38	2.04	2.12	2.50	3.65	
October - -					6.58	6.52	3.55	3.50	2.31	6.10	
November -					5.93	7.67	3.52	4.33	4.72	3.81	
December -					6.74	2.76	6.28	6.92	5.06	1.82	
TOTALS -					40.75	38.68	29.52	43.41	35.90	33.89	

c c c c c c

1824-9 Bremsters Esq. Journal of Science

In printed summary for 1826 February is 0.75 + total 25.52  
 " " " 1827 agrees with above i.e. 43.41



Rainfall Gordon Leath ~~Rainfall~~

moray.

Observer

Authority

Gauge

Above Sea Level 80 ft

Spec. R. bank - 2.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -		1.85							1.10	2.02	
February - -		1.94							1.45	1.40	
March - - -		2.51							1.27	1.53	
April - - -		2.22							1.31	3.52	
May - - - -		2.03							2.20	1.30	
June - - - -		.95							2.10	1.02	
July - - - -		2.06							1.20	2.43	
August - - -		2.31							2.06	5.33	
September -		2.45							2.00	2.46	
October - -		.99							1.06	1.95	
November -		3.93							3.07	3.84	
December -		2.74							1.97	1.12	
TOTALS -		25.98							21.35	27.72	

1821 Printed card

1828 Ins. of Met Soc

1829 Ins. of Met Soc.



Rainfall at Belfast Linen Hall  
(Broken Periods)

Belfast  
Ireland

Antrim

1606

Diameter of Gauge, 11.4 in.

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

Above Mean Sea Level, 12 ft.

Belfast Rough - 1.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	3.55	2.08	1.60	3.94	3.11	1.92	1.74	2.98	4.29	0.47	2.568
February - -	0.36	0.50	3.72	4.29	1.99	1.70	4.48	1.53	2.44	0.85	2.186
March - - -	2.02	3.80	4.12	3.70	2.77	2.26	2.64	5.59	2.20	0.81	2.991
April - - -	1.46	3.27	2.08	1.98	1.96	1.60	2.39	2.39	3.76	2.66	2.355
May - - - -	6.09	1.41	2.10	4.78	0.23	2.42	0.70	3.03	2.32	1.33	2.441
June - - - -	3.31	0.07	1.04	1.53	0.91	2.37	0.46	3.09	1.98	1.75	1.653
July - - - -	1.32	1.51	3.20	4.92	1.25	0.67	1.95	1.10	2.50	4.12	2.264
August - - -	5.43	1.54	3.49	4.19	1.84	3.63	2.85	3.52	4.99	6.05	3.753
September -	2.94	4.81	1.81	2.38	1.67	2.68	1.65	3.20	1.24	2.15	2.453
October - - -	2.69	2.58	5.91	3.56	5.42	3.95	4.34	2.05	2.63	3.31	3.644
November -	1.75	3.15	5.04	1.62	5.24	4.10	3.94	2.26	2.36	2.37	3.385
December -	4.21	4.38	1.62	4.89	5.94	6.24	3.24	3.77	4.93	1.17	4.039
TOTALS -	35.13	31.10	35.73	41.80	32.33	33.54	30.40	34.51	35.64	27.04	33.722

N. B

On the night of the 17 Dec<sup>r</sup> 1821 a violent storm  
the Barometer so low as 28.20

12<sup>th</sup> of October 1822 Rain 3.47

Nya. Sta. no. 97- 970335

NQR: 15 (33) 338740

alt. 4m