KEEP as top enclosure of each binder

Met O 8b 10-YEAR SUMMARY SHEETS

Governed by Public Records Acts

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 deacades 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.

BORROWING OF 10-YEAR SHEETS PROHIBITED

6. On no account whatsoever are the original sheets to be lent to other branches, and care is to be exercised if sheets are wanted by sections other than Met08b within Met08.
7. These sheets may only be extracted from their binders for the very short periods required during any manuscript updating, or whilst actually being photocopied. It is important that temporarily extracted sheets are returned to their correct numerical position by station number; and if more than one decade's sheets for a station are extracted at the same time, very special care needs to be taken to ensure that each decadal sheet is returned to the correct decadal binder.

The discovery of any station's sheet missing from the binder must be reported personally to HSO-in-charge RAINMASTER.

Head of Hydrometeorological
Data Systems

RAINFALL AT Ross Rocklands

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer J. M. Hurbart Esq.

Wye-1.

Diameter	·8	"							.	.	
Height	1·10	"	1·11						.	.	
Altitude	150·	100' 0	150·		98				108	·	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3·17	2·69	5·65	6·11	4·01	5·24	2·31	6·61	1·00	2·64	3·943
February.....	3.47	2·33	4·95	1·18	3·43	2·15	2·85	1·71	2·42	3·84	2·833
March	1·57	1.96	2·87	4·30	·97	1·40	4·29	1·96	1·18	·80	2·130
April.....	·42	3·23	2·81	·90	1·92	2·50	3·17	3·10	2·91	1·89	2·285
May	1·66	·86	1·76	2·12	1·05	2·42	·88	2·59	5·20	2·47	2·101
June.....	.44	2·01	3·26	3·12	1·50	3·03	·83	1·41	2·74	6·15	2·449
July	1·38	4·17	6·69	2·74	1·11	7·02	1·02	3·23	1·58	2·58	3·152
August.....	1.47	2·38	2·36	4·21	2·93	1·76	4·33	4·22	6·16	5·37	3·519
September.....	1·67	+7·06	2·30	1·70	4·70	3·31	7·00	2·55	1·86	3·87	3·602
October.....	+4·71	3·13	4·21	2·36	3·26	5·92	2·90	2·53	3·77	·83	3·362
November.....	4·15	·74	6·81	2·58	2·41	5·70	5·53	3·93	3·23	·70	3·578
December.....	2·09	3·21	5·01	·77	2·99	1·71	8·67	1·43	2·29	1·06	2·923
TOTALS	26·20	33·77	48·68	32·09	30·28	42·16	43·78	35·27	34·34	32·20	35·577

C. C.

G in kitchen garden clear of of walls or trees

1877 On the morning of Jany 4th no less than 1·86 in was registered and on the 5th the flood in the Wye was higher than it had been since Feb 1853

Goodrich church ½ mile N.

RAINFALL AT Ross Goodrich

Lat..... Lon..... County of... Hereford.....

.....Rain Gauge, by..... Observer... Andrew Martin

Wye-1.

Diameter.....						.8					
Height						.10	1.				
Altitude.....						188.					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						4.67	2.08				
February.....						2.27	2.88				
March.....						1.34	3.59				
April.....						1.92	2.65				
May						2.34	.71				
June.....						2.96	.74				
July						7.00	1.13				
August.....						2.12	3.12				
September.....						2.53	(6.84)				
October.....						5.63	2.53				
November.....						5.30	4.98				
December.....						1.62	7.68				
TOTALS.....						39.70	(38.93)				

Observations Book

1875 Gauge slightly sheltered on S side

1876 *The rain for the 1st to the 18th of September I got from J. M. Herbert's account"

RAINFALL AT Ross The Graig

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Henry Southall Esq.

Wye-1.

Diameter	.5	.							.	.	
Height	1	.							.	.	
Altitude	250.	.			200			212	213		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.06	2.26	4.25	4.00	3.21	4.61	2.12	4.39	1.10	2.85	3.085
February.....	1.96	1.65	3.58	1.34	2.88	2.35	2.43	1.48	2.22	3.95	2.384
March	1.36	1.24	2.11	3.39	.89	1.15	3.31	1.58	1.04	.75	1.682
April.....	.63	2.72	2.61	.89	1.66	1.73	2.42	2.83	3.69	1.98	2.116
May	1.22	.92	1.82	2.00	.63	2.43	.64	2.51	4.80	2.62	1.959
June.....	-.55	2.28	3.25	3.78	1.30	2.62	.67	1.55	2.44	5.47	2.391
July	1.16	4.20	7.74	2.35	1.47	6.76	1.28	2.85	1.02	2.80	3.163
August.....	1.17	2.35	1.74	3.50	2.17	1.73	2.47	3.53	7.96	5.78	3.240
September.....	1.65	+6.62	1.81	1.49	4.29	2.99	6.86	2.48	2.07	3.43	3.369
October.....	+3.72	2.56	3.11	2.12	2.32	5.51	2.44	2.04	3.61	.83	2.826
November.....	3.25	-.74	5.52	2.11	2.20	4.94	4.62	3.92	2.93	.76	3.099
December.....	1.45	1.87	3.89	.52	2.96	1.75	7.04	1.46	2.47	.91	2.432
TOTALS	20.18	29.41	41.43	27.49	25.98	38.57	36.30	30.62	35.35	32.13	31.746

Hyd. Sta. No: 25 - 476395

NGR: SO (32) 599244

alt. 61m

RAINFALL AT Ross Sellack Vicarage

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Rev. W. Clement Ley

Wye-1.

Diameter	.5										
Height	.8		.6						.8		
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.97	2.17	4.17	4.01	3.05	4.61	1.73	4.16	~~2.81~~		
February.....	1.75	1.52	3.52	2.44	2.48	2.06	2.50	1.47	~~1.94~~		
March	1.44	1.12	2.22	3.36	.87	1.05	3.04	1.42	~~1.56~~		
April.....	.60	2.25	2.56	.95	1.62	1.52	2.52	2.82	~~4.11~~		
May	1.24	.77	2.07	2.06	.61	2.90	.32	2.61	~~6.08~~		
June.....	.43	2.86	3.56	3.35	.64	2.55	.55	1.31	~~4.68~~		
July	2.59	4.03	6.78	1.96	.75	5.54	1.30	2.82	~~7.72~~		
August.....	1.05	1.91	1.71	3.10	2.15	1.90	2.48	5.18	~~7.47~~		
September.....	1.46	6.24	2.01	1.49	3.93	3.34	5.49	2.19	~~3.66~~		
October.....	4.09	2.85	3.45	1.83	1.93	5.38	2.50	1.77	~~5.69~~		
November.....	3.06	.68	5.57	1.79	2.18	4.73	4.26	3.89	~~3.25~~		
December.....	1.59	2.07	4.22	.60	2.79	1.57	6.67	1.81	~~2.99~~		
TOTALS	21.27	28.47	41.84	26.94	23.00	37.15	33.36	31.45	~~45.96~~		

C C C

Longtown figs

G in the middle of a lawn the ground sloping to ENE 1 ft in 30.

1878 Imperfect

RAINFALL AT Longtown Vic: [Abergavenny]

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Rev'd C. L. Eagles

Type - 1.

Diameter.....				5"							
Height.....				8			10		8		
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					4.44	6.47	2.62	7.41	2.81	3.76	
February.....					3.85	2.72	5.06	2.74	1.94	6.27	
March.....					1.37	1.71	4.40	2.62	1.56	1.57	
April.....					2.56	2.01	3.52	4.20	4.11	2.40	
May.....					1.00	2.75	.46	4.37	6.08	3.89	
June.....					1.10	4.78	1.55	1.72	4.68	7.32	
July.....				#2.37	.89	7.21	1.22	4.34	1.72	4.29	
August.....				3.93	3.32	2.02	3.43	5.56	7.47	6.60	
September.....				2.21	5.26	4.72	8.92	2.74	3.66	5.21	
October.....				2.65	4.76	8.02	5.01	3.57	5.69	1.07	
November.....				2.73	3.45	7.65	6.04	6.70	3.25	.72	
December.....				1.25	3.71	2.84	11.56	2.65	2.99	2.52	
TOTALS.....					35.71	52.90	53.79	48.62	45.96	45.62	

1875 4.91 in fell in 43 hours commencing on July 13th not returned

RAINFALL AT Brynguyn

Lat..... Lon..... County of Hereford.....

.....Rain Gauge, by..... Observer... J. Rankin Esq.

wye-1.

Diameter.....					5				.	.	
Height					10				.	.	
Altitude.....					421				.	.	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				4·48	3·46	4·93	2·26	4·95	·92	2·69	
February.....				1·38	2·96	1·79	3·38	1·62	1·90	3·98	
March.....				2·91	·93	·93	2·77	1·74	·91	1·03	
April.....				1·38	2·06	1·20	2·59	2·76	2·93	1·96	
May				2·11	·79	3·08	·31	3·17	5·06	3·26	
June.....				1·55	·69	3·64	1·04	1·16	2·82	7·26	
July				3·69	·83	6·99	1·43	3·05	·48	2·16	
August.....				3·05	2·77	1·84	2·59	3·99	7·67	5·18	
September.....				1·47	4·76	3·77	6·19	2·59	2·25	3·66	
October.....				2·09	2·91	5·90	2·91	1·82	4·55	·90	
November.....				2·17	2·38	5·69	4·57	3·84	2·60	·72	
December.....				·68	2·51	1·93	7·90	1·75	2·10	·96	
TOTALS.....				26·94	27·05	41·69	37·94	32·44	34·19	33·76	

1879 Trees 30 to 80 ft high & 100 ft distant
Much Dewchurch $\frac{3}{4}$ mile N.N.W.

RAINFALL AT Staunton on Wye

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Rev. H. W. Phillott

Wye-1.

Diameter	·5								.	.	
Height	1 .	.							.	.	
Altitude	258.	.			255				.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·05	3.33	6·14	3·53	2·46	4·39	2·26	4·59	1·68	2·42	3·285
February.....	2.08	1·43	3·25	1·44	3·21	2·41	2·88	1·52	1·32	3·99	2·353
March	1·77	1·15	2·28	2·79	·98	1·45	3·17	2·34	1·25	1·19	1·837
April.....	·34	2.36	3·16	1·43	1·59	1·11	2·54	3·18	3·03	2·26	2·100
May	1·13	·91	1·31	2·15	1·20	2·41	·42	3·20	5·15	3·46	2·134
June.....	-.31	2.41	3·44	2·20	·98	3·86	1·17	1·69	2·71	6·26	2·503
July	1·05	3.02	5·45	2·39	1·43	4·95	·73	3·08	1·11	2·40	2·561
August.....	·97	1·82	2·49	2·30	3·01	2·70	2·23	5·06	5·98	4·44	3·100
September.....	1·14	+5·19	1·81	1·43	4·64	4·55	5·63	2·44	3·09	3·45	3·337
October.....	5·08	3·31	4·15	1·83	3·65	6·31	3·93	2·40	4·65	·97	3·628
November.....	+3·11	-.81	5·49	2·17	2·80	5·69	4·70	4·17	3·46	·86	3·326
December.....	1.49	1·57	5·85	·81	2·55	1·65	8·42	2·14	2·20	1·38	2·806
TOTALS	20·52	27·31	44·82	24·47	28·50	41·48	38.08	35·81	35·63	33·08	32·970

C C C

RAINFALL AT Whitfield,

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer... W. Wheatley

Wye-1.

Diameter.....				5							
Height				6							
Altitude.....				426							
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					3·25	4·95	2·14	4·98	1·42		
February.....					3·08	2·29	3·04	1·55	1·91		
March.....					·84	1·40	3·02	1·86	1·17		
April.....				# 1·15	1·69	1·28	2·78	3·08	3·36		
May				1·83	·95	2·95	·35	2·54	5·41		
June.....				9·45	·59	3·65	1·13	1·01	2·93		
July				2·57	·87	6·68	·95	2·84	·81		
August.....				2·54	2·68	1·95	3·02	4·97	7·46		
September.....				1·79	4·70	4·28	6·79	2·26	2·75		
October.....				1·51	3·10	6·01	3·14	2·77	4·69		
November.....				2·65	2·36	5·57	5·06	3·67	3·08		
December.....				·61	2·28	2·14	7·72	2·18	2·15		
TOTALS.....					26·39	43·15	39·14	33·71	37·14		

1879 no rep'g

RAINFALL AT Townhope Vicarage

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Rev. Thomas West

Wye-1.

Diameter	5	"							.	.	
Height	1.1	"							.	.	
Altitude			192						.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.02	2.23	4.26	3.76	2.81	4.27	2.18	3.58	1.20	.76	2.707
February.....	1.63	1.54	3.33	1.95	2.59	2.22	2.15	1.20	1.60	2.43	2.064
March	1.43	1.42	2.00	3.13	.61	.91	2.44	1.25	.67	.92	1.478
April.....	.55	2.44	2.92	.75	1.71	1.08	1.98	2.73	3.33	1.90	1.939
May	1.04	.84	1.80	2.01	.96	2.67	.46	2.32	4.81	2.38	1.929
June.....	.39	2.48	3.98	3.22	.67	3.31	.57	1.50	2.82	5.64	2.458
July	1.83	3.75	5.40	2.00	.72	5.99	.92	3.36	1.07	2.12	2.716
August.....	1.33	1.62	2.34	3.04	2.50	1.87	2.50	5.77	6.56	5.32	3.285
September.....	1.37	7.07	1.99	1.40	4.16	3.08	5.25	1.96	1.88	2.83	3.099
October.....	4.22	3.04	3.78	1.77	2.13	5.39	2.61	1.49	4.16	.82	2.941
November.....	2.85	.75	5.32	1.76	2.37	5.17	4.55	2.86	2.55	.78	2.896
December.....	1.60	1.92	4.32	.55	2.61	1.59	6.43	1.82	2.05	.74	2.363
TOTALS	20.26	29.10	41.44	25.34	23.84	37.55	32.04	29.84	32.70	26.64	29.875

C C C

RAINFALL AT Hereford Broomy Hill

Lat..... Lon..... County of... Hereford.....

.....Rain Gauge, by..... Observer ... J Curley Esq. C.E.

wye-1.

Diameter	.5										
Height	.11										
Altitude	158.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.70										
February.....	2.27										
March	1.30										
April.....	.45										
May	1.20										
June.....	.25										
July	1.20										
August.....	1.10										
September.....	1.50										
October.....	3.90										
November.....	2.50										
December.....	1.40 #										
TOTALS	18.77										

C

RAINFALL AT Hereford Blue School

Lat..... Lon..... County of.....

.....Rain Gauge, by..... Observer W Cooke Esq

Voye-1.

Diameter	·8	·									
Height	6 ·0	7·0									
Altitude	190·	·									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·80	2·05									
February.....	1·35	1·17									
March	1·25	1·00									
April.....	·57	1·97									
May	1·16	·97									
June.....	·20	2·83									
July	1·05	2·75									
August.....	·97	1·60									
September.....	1·28	+5·60									
October.....	+3·42	2·79									
November.....	2·25	·83									
December.....	1·41	1·37	#								
TOTALS	16·61	24·93									

C C

RAINFALL AT Hereford Eign Street

Lat. ..... Lon. ..... County of Hereford

Rain Gauge, by ..... Observer Mr A Townsend

Wye-1.

Diameter....								8	.		
Height								1. –			
Altitude								184	.		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								3·75			
February. ..								1·37			
March								1·57	1·00		
April								2·38	2·74		
May								1·87	4·68		
June								1·01	1·76		
July.....								2·72	1·30		
August								4·89	6·56		
September ..								1·75	2·53		
October								1·81	3·90		
November ..								2·75			
December ..								1·55			
TOTALS ..								27·42			

RAINFALL AT Hereford Richmond Place

Lat..... Lon..... County of... Hereford.....

.....Rain Gauge, by..... Observer E J Isbell Esq.....

Wye-1.

Diameter	8	.							.	.	
Height	5·8	.	6·		5·8				4·9	.	
Altitude	188.	.							187	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·96	2·68	4·66	3·37	2·58	3·64	1·97	3·68	1·27	2·05	2·786
February.....	1·97	1·31	3·37	1·43	2·61	2·14	2·48	1·36	1·42	3·55	2·164
March.....	1,41	1·11	1·78	2·91	·78	1·07	2·65	1·80	1·06	·80	1·537
April.....	·64	2·10	2·72	1·03	1·72	·85	2·48	2·58	2·78	1·97	1·887
May	1·02	1·00	1·38	1·91	1·05	2·87	·30	2·58	4·91	2·84	1·986
June.....	·22	2·90	3·57	2·94	·69	2·49	1·23	·95	2·47	6·01	2·347
July	1·19	3·00	5·84	2·48	·88	4·83	1·06	3·03	1·31	2·09	2·571
August.....	1·05	1·56	2·20	2·71	2·18	1·70	2·34	4·54	6·78	5·26	3·032
September.....	1·46	6·32	2·13	1·57	4·31	3·58	5·07	1·85	2·56	3·31	3·216
October.....	3·88	3·19	4·09	1·54	2·71	5·17	2·28	1·88	3·89	1·23	2·986
November.....	2·40	1·03	5·57	1·80	2·36	4·49	4·39	2·89	2·88	·82	2·863
December.....	1·43	1·54	4·95	·77	2·49	1·63	6·63	1·87	2·17	·76	2·424
TOTALS	18·63	27·74	42·26	24·46	24·36	34·46	32·88	29·01	33·50	30·69	29·799

Two trees 50ft high 40ft E of the gauge, otherwise well exposed

1878 Gauge moved 8 yards in consequence of a wall near it being raised

1879 a Tree 40ft high 38ft 6in distant E

All Saints church 1 furlong S.W.

RAINFALL AT Hereford Davisons Nursery

Lat..... Lon..... County of... Hereford.....

.....Rain Gauge, by..... Observer ... E. J. Isbell Esq. & Mrs G. Davison

Copy-1.

Diameter	8	"									
Height	1	"					1·2				
Altitude	198	"	206		203 ↑						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·08	2·58	5·00	4·05	2·85	3·61	2·79	4·56			
February.....	1·84	1·84	3·68	·95	2·69	2·20	2·44	1·59			
March	1·43	1·41	2·01	2·77	·81	1·07	2·68	2·42 #			
April.....	·68	2·11	2·89	1·03	1·62	1·15	3·01				
May	·91	·88	1·43	1·85	1·12	2·75	·28				
June.....	·18	3·10	3·68	2·89	·63	2·76	·97				
July	1·19	3·06	5·90	2·49	·79	5·36	1·10				
August.....	·98	1·57	2·03	2·74	2·14	1·85	2·40				
September.....	1·27	+ 6·52	2·86	1·61	4·51	3·97	4·27				
October.....	+ 4·28	3·25	4·22	1·99	2·78	5·62	3·32				
November.....	2·44	·93	5·77	1·20	2·39	3·53	4·89				
December.....	1·72	1·19	5·03	·75	2·77	1·93	6·26				
TOTALS	18.99	28.44	44.50	24.32	25.10	35.80	34.41				

C C C

1871 I suspect some error in Nov. & Dec.

RAINFALL AT Hereford Castle Street

Lat. ..... Lon. ..... County of Hereford

Rain Gauge, by ..... Observer J. E. Norris

Copye-1.

Diameter								8		.	
Height								6	·8	1·	
Altitude							170	179	184	·	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								3·67	1·35	2·08	
February ..								1·62	1·46	3·92	
March								1·83	·93	1·05	
April								2·57	3·00	1·86	
May								2·42	5·32	2·56	
June								1·03	2·70	5·43	
July								2·34	1·67	1·99	
August								4·70	6·80	5·20	
September ..								1·75	2·63	3·18	
October								1·87	3·94	·93	
November ..							#4·42	2·68	2·75	·78	
December ..							6·41	1·76	2·06	·72	
TOTALS ..								28·24	34·61	29·70	

RAINFALL AT Hereford Tupsley

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Philip Ballard Esq.

Copy-1.

Diameter	.5	.							.		
Height	1.1	.			1.3		1.1		.		
Altitude					242				.		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.62	1.79	4.08	3.17	2.50	3.02	1.69	3.82	.67	2.60	
February.....	1.79	1.37	3.32	1.03	1.57	1.03	2.45	.90	2.00	3.60	
March	1.42	1.38	1.66	2.82	1.25	1.83	2.51	1.65	.37	1.00	
April.....	.63	2.24	2.77	1.62	1.77	.94	2.55	2.82	3.18	2.45	
May	1.04	.88	1.57	.88	1.15	2.66	.24	1.54	4.98	2.73	
June.....	.22	2.90	3.28	2.96	.65	2.99	.83	1.83	2.51	5.15	
July	.98	2.88	5.21	1.79	.95	5.89	.75	2.64	.83	2.34	
August.....	1.02	1.60	2.01	1.97	1.43	1.34	2.70	4.97	7.76	5.03	
September.....	1.06	6.04	2.07	2.08	3.25	3.40	4.77	2.00	2.20	2.71	
October.....	3.74	3.06	3.92	1.65	3.57	5.26	2.64	1.67	3.54	1.21 #	
November.....	2.68	.28	5.89	1.67	1.36	4.38	3.87	2.48	2.64		
December.....	1.48	1.55	5.02	.66	3.39	1.14	5.55	1.77	2.64		
TOTALS	17.68	26.05	40.80	22.30	22.84	33.88	30.55	28.09	33.32		

C C C

RAINFALL AT Hereford Hagley Park

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Arthur Hutchinson Esq.

Copy-1.

Diameter	.5	.							.	.	
Height	.6	.							.	.	
Altitude	284.	.		298B					300	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·71	1.97	3·62	3·10	2·65	3·90	2·07	3·83	1·30	1·59	2·574
February.....	1·83	1·29	3·02	·98	2·41	2·16	2·54	1·46	1·25	3·27	2·021
March	·97	1·07	1·59	3·05	·88	1·01	2·10	1·60	·89	·72	1·388
April.....	47	2.16	2·53	·54	1·84	·87	2·23	2·63	3·05	1·73	1·805
May	1·01	·92	1·60	1·89	1·19	2·68	·42	1·96	4·29	2·82	1·878
June.....	·31	2·68	3·12	4·30	·78	2·56	·88	1·44	2·53	5·55	2·415
July	1·17	2·97	4·79	1·90	·95	6·27	1·03	3·22	·50	2·52	2·532
August.....	1·17	1·29	2·18	2·62	1·61	1·59	2·46	5·61	7·06	5·54	3·113
September.....	1·39	5·65	2·07	1·93	4·02	3·27	4·41	2·01	2·60	3·69	3·106
October.....	3·38	2·97	3·81	1·81	2·97	5·03	2·72	1·68	3·42	1·35	2·914
November.....	2·23	·83	4·54	1·75	2·41	4·88	4·41	2·59	2·86	·64	2·714
December.....	1·38	1.62	4·60	·70	2·11	1·60	5·20	1·69	2·49	·66	2·205
TOTALS	17·02	25·42	37·47	24·57	23·84	35·82	30·47	29·72	32·24	30·08	28·665

1879 Shrubs 3ft high 6ft distant N & S.

RAINFALL AT Canon Frome Vicarage

Lat. ..... Lon. ..... County of Hereford

Rain Gauge, by ..... Observer Rev M Hopton

Wye-1.

Diameter....								8			
Height								1.3			
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									1.68	1.28	
February...									1.67	3.17	
March.....									.61	.79	
April									2.27	2.11	
May								#2.71	4.61	2.41	
June								1.21	1.97	5.26	
July.....								3.26	1.23	2.38	
August								5.15	5.41	5.74	
September ..								1.44	3.63	3.29	
October								1.80	3.76	1.00	
November ..								3.02	2.72	.74	
December ..								2.02	1.87	.85	
TOTALS ..									31.43	29.02	

Moved from Staunton Long Vic:

RAINFALL AT Hereford Stretton Rectory

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Rev. H. Cooper Key

Wye-1.

Diameter	.5	.						.			
Height	1 .	.						.			
Altitude	190.	198.6						.			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.60	2.53	5.17	3.40	2.80	3.76	1.82	4.30	1.62		
February.....	2.06	1.35	3.56	1.32	2.53	2.23	2.73	1.67	1.34		
March	1.57	1.28	2.00	2.95	.78	1.18	2.92	2.38	.96		
April.....	.56	2.12	2.85	1.08	1.54	.86	2.57	2.68	2.29		
May	1.08	.95	1.25	1.63	1.41	2.53	.36	2.54	5.58		
June.....	-.21	3.72	3.41	2.66	1.02	2.52	1.10	.83	2.30		
July	1.02	3.14	4.78	2.76	.85	4.80	.89	3.19	.81		
August.....	.40	1.77	2.12	2.48	2.49	1.88	1.75	4.88	5.88		
September.....	.86	+6.43	1.89	1.49	4.09	4.31	5.93	2.27	3.54		
October.....	+3.96	3.40	3.79	1.60	2.93	6.03	3.56	2.15	3.94		
November.....	1.78	-.95	5.64	1.80	2.69	4.99	4.55	3.28	2.78		
December.....	1.67	1.53	5.02	.81	2.67	1.82	6.40	2.00	2.29#		
TOTALS	16.77	29.17	41.48	23.98	25.80	36.91	34.58	32.17	33.33		

C C C

1879 Observer dead

RAINFALL AT Credenhill Court

Lat..... Lon..... County of... Hereford.....

.....Rain Gauge, by..... Observer... F. W. Herbert

Wye-1.

Diameter.....						5			.	.	
Height						1·6			.	.	
Altitude.....						250		450	250	.	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						3·00	2·78	3·58	4·45	1·93	
February.....						2·68	2·54	1·47	1·25	2·92	
March.....						1·12	2·22	2·31	1·04	·83	
April.....						·86	2·62	2·75	2·41	1·96	
May						2·38	·43	2·63	4·92	2·31	
June.....						2·65	1·08	·93	2·12	6·23	
July						2·75	·85	3·09	·76	1·68	
August.....						1·64	1·76	3·91	6·77	4·60	
September.....					#4·13	4·27	4·59	2·36	2·46	2·76	
October.....					3·88	5·84	2·63	1·99	2·24	·90	
November.....					2·33	5·19	4·62	3·00	2·52	·53	
December.....					2·85	·76	6·75	1·85	2·17	·57	
TOTALS.....					~~13·19~~	33·14	32·87	29·87	33·11	27·22	

Credenhill church 200 yds SE.

RAINFALL AT Hereford Burghill

70

Lat. ..... Lon. ..... County of Hereford

Rain Gauge, by ..... Observer J. A. Chapman Esq M.D.

Copy-1.

Diameter							5		.	.	
Height							1·4		.	.	
Altitude							275		.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1·78	3·46	1·48	2·02	
February ..							2·36	1·55	1·15	3·03	
March							2·73	2·05	·77	·89	
April							2·47	2·63	2·32	1·65	
May							·29	2·39	4·78	2·43	
June							1·16	·88	2·37	5·95	
July.....							·80	2·90	·51	1·77	
August							1·54	4·58	6·58	5·88	
September ..							5·09	2·02	4·18	2·98	
October							2·37	2·00	3·74	·99	
November ..							4·10	2·84	2·41	·62	
December ..							6·06	1·74	2·02	·70	
TOTALS ..							30·75	29·04	32·31	28·91	

* 1876 March 2·82 erroneously sent to Met: Soc.

RAINFALL AT Bredwardine

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Rev. S. Clark

Wye - 1.

Diameter	5										
Height	1										
Altitude	290?										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.32	3.40									
February.....	2.45	1.50									
March	1.82	1.12									
April.....	.28	2.82									
May	1.39	.38									
June.....	-.23	2.31									
July	1.46	2.27									
August.....	1.03	2.49									
September.....	1.29	+6.58									
October.....	+5.64	3.59									
November.....	3.29	-.91									
December.....	1.82	1.76 #									
TOTALS	23.02	29.13									

C C

RAINFALL AT Hereford Thinghill

70

Lat. ..... Lon. ..... County of Hereford

..... Rain Gauge, by ..... Observer H Higgins Esq

Wye-1.

Diameter....								5	,	,	
Height								10	1.	,	
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								3·10	1·53	2·30	
February....								1·51	1·42	3·00	
March.....							#2·35	1·69	·71	·68	
April							2·26	2·73	2·33	2·06	
May							·32	2·42	4·97	2·56	
June							·82	·98	2·33	6·52	
July.....							1·12	3·46	1·00	2·24	
August							1·93	4·98	6·12	5·60	
September ..							5·00	1·94	2·20	3·31	
October							2·25	1·79	3·55	·80	
November ..							4·25	2·53	2·78	·56	
December ..							5·92	1·53	1·99	·77	
TOTALS ..								28·66	30·93	30·40	

1879 Gauge on a lawn with no objects near

Withington church 1½ miles East.

Leominster

RAINFALL AT Hampton Court

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer... J. H. Arkwright

Wye-1.

Diameter.....				.8						.	
Height.....				1·2	1·4					.	
Altitude.....										212	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2·60	3·60	2·15	3·02	1·75	1·89	
February.....					2·60	1·92	2·82	2·09	1·47	3·00	
March.....					·97	1·12	2·56	2·01	·77	·77	
April.....					1·38	·84	2·36	2·74	1·59	2·10	
May.....					1·03	2·54	·47	2·08	5·74	1·37	
June.....					·80	2·22	·82	1·08	1·94	5·54	
July.....				#2.54	·61	4·18	·91	3·89	·71	2·47	
August.....				2·70	2·93	2·94	1·41	3·07	6·52	5·03	
September.....				1·53	4·60	3·56	4·74	3·69	2·76	3·46	
October.....				1·77	2·38	5·42	2·50	2·20	3·98	·68	
November.....				1·91	2·29	4·17	3·61	3·34	2·87	·81	
December.....				·66	1·88	1·47	6·44	1·76	1·96	·83	
TOTALS.....					24·07	33·98	30·79	30·97	32·06	27·95	

1879 Small tree 10ft high 24ft distant S.W.

St Marys church ½ mile W

RAINFALL AT Bromyard Vicarage. 70

Lat..... Lon..... County of Hereford.....

.....Rain Gauge, by..... Observer Rev. Canon Stephenson.....

type 1.

Diameter.....			8								
Height.....			8	6	8						
Altitude.....						440					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				3·74	2·27	3·70	1·56				
February.....				1·61	2·76	2·00	3·03				
March.....				2·97	1·03	1·01	2·91				
April.....			#2·57	·94	1·75	·88	3·16				
May.....			1·82	2·13	1·64	2·99	·50				
June.....			4·93	3·44	·85	2·57	2·08				
July.....			3·83	3·80	·87	5·26	·47#				
August.....			2·08	3·91	2·62	2·48					
September.....			1·83	1·66	4·12	3·32					
October.....			4·39	1·68	2·54	6·71					
November.....			5·06	1·66	2·82	4·99					
December.....			4·49	·74	2·49	1·79					
TOTALS.....				28·28	23·76	37·70					

C

RAINFALL AT Pembridge, Marston.

Lat. ..... *Lon.* ..... *County of* Hereford

..... *Rain Gauge, by* ..... *Observer* H. Langston

loge - 1.

Diameter.										.5	
Height.										1.5	
Altitude.										322	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.											
February. . . .											
March											
April											
May.											
June											
July.											
August											
September. . . .										#3.33	
October.										1.10	
November. . . .										.62	
December										1.25	
TOTALS											

RAINFALL AT Kingston Lynhales

Lat..... Lon..... County of Hereford.....

.....Rain Gauge, by..... Observer Stephen Robinson Esq.

Wye-1.

Diameter	.8										
Height	1.										
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·66	2.92	4·53	1·97	3·16	4·40	1·64	6·12	2·57	1·81	3·178
February.....	1·57	1.64	3·94	1·68	3·30	2·41	4·08	2·57	1·51	4·12	2·682
March	2·18	1.58	2·40	3·72	1·26	1·03	3·92	2·55	1·48	1·25	2·137
April.....	·17	2.85	3·59	1·18	1·50	1·55	3·03	3·81	3·15	1·91	2·274
May	2·04	·40	1·83	2·35	1·46	2·14	·32	3·36	5·81	2·33	2·204
June.....	.27	2.62	3·78	1·91	1·05	3·55	1·76	1·62	2·84	8·29	2·769
July	·94	4.97	4·91	2·86	1·50	5·09	1·19	4·06	1·33	2·68	2·953
August.....	·61	2.40	3·01	3·32	4·62	5·67	1·85	5·55	7·10	5·82	3·995
September.....	·85	4·11	2·37	1·33	3·02	4·56	4·66	3·15	2·30	3·80	3·015
October.....	6·50	4.78	4·93	2·01	4·69	6·65	5·03	3·18	4·25	1·19	4·321
November.....	2·59	1·88	5·81	2·26	2·63	5·41	4·68	4·23	4·25	·49	3·423
December.....	1·51	1.74	5·90	·83	3·19	1·20	7·78	2·76	2·13	2·02	2·909
TOTALS	21·89	31·89	47·00	25·42	31·38	43·66	39·94	42·96	38·72	35·74	35·860

C P C

Farm after March 1879

70

RAINFALL AT Leominster West Lodge

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer E P Southall Esq^r

Wye-1.

Diameter	·5	·							·	-	
Height	1 ·	·							·	·	
Altitude	250·	·							·	240	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·05	2·68	4·88	2·91	2·03	3·89	1·64	3·64	2·03	2·20	2·795
February.....	1·77	1·58	3·28	1·02	2·96	2·13	3·08	2·08	1·20	3·10	2·220
March	1·54	1·38	2·35	2·79	·84	1·09	2·56	1·86	·77	·75	1·598
April.....	·64	2·71	3·09	·81	1·08	·94	2·11	2·62	1·76	2·68	1·844
May	·95	·95	1·68	2·13	·98	2·08	·33	2·77	5·16	2·13	1·916
June.....	·24	2·71	3·25	2·57	·66	2·91	1·32	1·22	2·57	6·38	2·383
July	·92	3·04	4·40	2·96	·92	4·24	1·13	3·80	2·30	2·61	2·632
August.....	1·05	1·42	2·28	2·66	2·89	2·64	1·65	4·38	5·83	4·65	2·945
September.....	·92	+5·72	2·67	1·33	3·97	3·17	4·72	2·38	1·87	2·92	2·967
October.....	+4.58	3·37	4·04	1·49	3·55	5·11	2·75	2·48	3·98	·95	3·230
November.....	2·53	·62	4·90	1·65	2·47	4·05	3·58	3·03	3·42	·80	2·705
December.....	1·68	1·58	4·54	·43	2·50	1·61	6·09	1·54	2·19	1·03	2·319
TOTALS	18·87	27·76	41·36	22·75	24·85	33·86	30·96	31·80	33·08	30·20	29·549

1878 A deodar 15 ft high 9 ft distant

Leominster church 600 yds E.

1879 The gauge was moved about 9 march from West Lodge to Flame — The gardens adjoin & the distance between the positions of the gauge is about 70 yds.

? Farm

RAINFALL AT Kingston Burcher Cottage

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer Miss Boddington

Type-1.

Diameter	1 .	.									
Height	2 ·8	.									
Altitude			*550								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·28	3·20	5·41								
February.....	2·23	1·80	2·84								
March	2·35	1·57	3·15								
April.....	·38	3·41	3·55								
May	2·06	-·86	1·67								
June.....	-·34	3·01	3·61								
July	·70	4·35	5·73								
August.....	1·47	2·49	3·15								
September.....	1.40	4·63	2·87								
October.....	+6.23	+5.42	4·94								
November.....	3.66	1·25	6·27								
December.....	1.74	1.77	6·35#								
TOTALS	24·84	33·76	49·54								

* as computed by Mr Isbell

RAINFALL AT Kingston Burcher Cottage

Lat..... Lon..... County of Hereford

..... Rain Gauge, by..... Observer Gracilla Boddington

wye-1.

Diameter	.5										
Height	3.										
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February	2.15										
March	2.28										
April.....	.34										
May	1.88										
June.....	absent										
July											
August.....	1.46										
September.....	1.34										
October.....	5.96										
November.....	3.55 #										
December.....	absent										
TOTALS											

C

RAINFALL AT Kingston Burcher Cottage

Lat..... Lon..... County of... Hereford.....

..... Rain Gauge, by..... Observer ..... Gracilla Boddington

Wye-1.

Diameter	1·										
Height	2·8										
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February	2·16										
March	2·31										
April.....	·32										
May	2·00										
June.....	34										
July	·62										
August.....	1·44										
September.....	1·38										
October.....	6·15										
November.....	3·63										
December.....	1·74#										
TOTALS											

C

RAINFALL AT Leominster Leysters

Lat..... Lon..... County of Hereford.....

.....Rain Gauge, by..... Observer Rev. J. Ivimey Hewett

Wye-1.

Diameter	5	·									
Height	4	·			·6		3				
Altitude	600?	·	601·	700?	600						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	·88	1·48	7·07	3·81	2·78		1·79	4·19			
February.....	1·70	1·73	4·24	1·01	4·08		3·83	2·45			
March.....	1.42	1·75	3·13	3·40	1·06		2·99	2·50			
April.....	1·05	2.41	3·07	·98	1·82		3·14	3·09			
May	1·20	1·88	2·41	2·48	1·42		·52	3·23			
June.....	-·32	2·64	4·80	2·66	1·16		1·48	·97			
July	1·28	3·79	6·18	3·03	1·07		1·27	4·21			
August.....	1·29	·70	1·49	3·32	3·61		2·03	4·44			
September.....	1·14	+6·70	2·94	1·61	4·54		4·98	1·46			
October.....	+4.80	3.49	5·63	2·18	2·47		3·11	3·01			
November.....	2·25	-1.41	6·55	1·64	2·93		2·54	3·11			
December.....	1.98	2·02	6·52	·70	3·62		6·88	4·37			
TOTALS	19·31	29·00	54·03	26·82	30·56		34·56	37·03			

C C C

RAINFALL AT Much Marcle Carewall ers

Lat..... Lon..... County of Hereford.....

.....Rain Gauge, by..... Observer J. Charles Esq.....

Severn. – 2.

Diameter.....				5"					.	.	
Height				3 . –			2.		.	.	
Altitude.....				423			422		.	.	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				3·75	2·92	3·90	2·27	3·69	1·34	2·58	
February.....				1·35	2·99	1·77	1·96	1·33	1·57	3·70	
March.....				2·86	·81	·94	3·00	1·61	·70	·73	
April.....				·67	1·63	1·28	2·39	2·62	2·97	2·13	
May				2·52	·76	2·44	·38	2·33	4·67	2·28	
June.....				3·29	1·04	2·61	·71	1·21	2·18	5·87	
July				2·08	·84	6·97	·94	3·73	·89	2·67	
August.....				3·51	2·40	2·15	2·29	3·45	7·40	6·46	
September.....				1·48	4·05	3·39	5·38	2·13	2·07	3·10	
October.....				2·17	2·06	5·63	2·65	1·66	4·05	·93	
November.....				1·55	2·70	5·00	4·74	3·29	2·78	·96	
December.....				·66	2·59	1·73	6·65	1·71	1·98	·76	
TOTALS.....				25·87	24·79	37·81	33·36	28·76	32·60	32·17	

1878 A building 12ft high 20 yds distant.

Much Marcle church 1 mile S.E.

RAINFALL AT Ledbury Orchardleigh

Lat. ..... Lon. ..... County of Hereford

..... Rain Gauge, by ..... Observer .....

Severn – 2.

Diameter. . . .						5					
Height.						1· 2					
Altitude.						160					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.					# 2·50	3·27	2·43	3·20	2·30	2·38	
February. . . .					2·29	1·76	1·98	1·24	1·23	3·21	
March					·63	·80	3·22	1·60	1·17	·81	
April					1·50	1·19	2·26	2·56	2·77	2·23	
May.					·99	2·35	·63	2·14	4·81	3·16	
June					1·04	2·55	·63	1·41	2·27	4·01	
July.					·88	6·79	·65	2·63	1·26	3·53	
August					1·87	1·73	1·87	3·84	6·47	5·71	
September. . . .					3·08	3·09	4·28	2·47	2·40	2·59	
October.					1·80	6·15	3·54	1·48	3·19	1·14	
November. . . .					2·43	4·84	3·73	3·55	3·46	·92	
December					2·30	·86	6·52	1·39	1·67	·14	
TOTALS					21·31	35·38	31·74	27·51	33·00	29·83	

RAINFALL AT Ledbury West Bank

Lat..... Lon..... County of Hereford.....

.....Rain Gauge, by..... Observer J. E. Wheatley Esq.....

Severn - 2.

Diameter.....				5							
Height.....				1	6	1 -			1·6		
Altitude.....				400		350		400	350		
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				2·11	2·38	3·51	2·51	3·43	1·40	1·51	
February.....				1·12	2·68	1·98	2·09	1·18	1·46	3·34	
March.....				2·58	·88	·89	3·03	1·71	·69	·99	
April.....				·25	1·66	1·21	2·42	2·77	3·29	2·59	
May.....				2·37	·96	2·42	·60	2·47	4·85	3·21	
June.....				3·09	1·20	2·46	·63	·93	3·06	5·24	
July.....				1·80	·77	7·05	·78	2·90	1·21	2·86	
August.....				3·09	2·16	1·65	2·29	3·95	6·03	5·93	
September.....				1·33	3·33	3·14	5·39	2·19	2·48	2·94	
October.....				1·88	1·51	5·91	2·06	1·47	3·72	·86	
November.....				1·47	2·62	4·96	4·04	2·99	2·55	1·01	
December.....				·37	2·20	·95	6·76	1·64	1·04	·95	
TOTALS.....				21·46	22·35	36·13	32·60	27·63	31·78	31·43	

1878 Gauge moved to abetter position open to S. - due E. the house (low) is 30 yds distant - due W. gardeners cottage 30 yds distant. due N. range of vineries 10 yds

RAINFALL AT Great Malvern Colwall

Lat. ..... Lon. ..... County of Hereford

..... Rain Gauge, by ..... Observer Mrs Anne Devas

Severn – 2.

Diameter....							5		.	.	
Height							1. –		.	.	
Altitude							640		.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							2·45	6·08	1·47	1·99	
February. ..							2·00	1·71	1·41	3·56	
March.....							1·91	2·09	·85	1·18	
April							4·40	2·88	3·30	2·95	
May							·52	2·21	6·08	3·16	
June							1·02	1·05	3·01	5·89	
July.....							·72	3·36	·93	2·93	
August							2·18	4·40	5·99	5·90	
September ..							16·43	1·83	2·79	3·74	
October								2·90	4·35	·97	
November ..							3·83	2·95	2·74	·67	
December ..							9·37	1·82	2·14	·92	
TOTALS ..							~~44~~ 83	33·28	35·06	33·86	

1876. Decr. rather too high Sept^r. + Oct^r. 8 inches too high

1878 a group of Larches 32 ft 40 N.W. not very high + planted on a lower level

Bromyard

RAINFALL AT Brockhampton

70

Lat..... Lon..... County of Hereford

.....Rain Gauge, by..... Observer J Elsey

Seven - 2.

Diameter.....							8				
Height							8				
Altitude.....								550			
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2·19		1·76	3·31			
February.....					2·96		2·87	2·00			
March.....					1·24		2·49				
April.....					2·04		3·02				
May					1·65		·48				
June.....					·61		1·58				
July					·63		1·33				
August.....					2·85		2·79				
September.....					4·45		5·28				
October.....					2·54		2·64				
November.....					2·41		4·11				
December.....					2·02		7·25				
TOTALS.....					25·59		35·60				

1875 Rev Nash Stephenson says returns are obviously inaccurate

RAINFALL AT Wigmore

Lat..... Lon..... County of... Hereford

.....Rain Gauge, by..... Observer... E. Barron

Severn-2.

Diameter.....					·5						
Height					·10						
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2·78	3·82	2·10	4·31	1·41		
February.....					2·60	2·04	3·16	2·63	·80		
March.....					·96	·88	2·56	1·95	·95		
April.....					1·01	1·14	1·77	3·12	1·97		
May					1·13	2·47	·35	3·01	5·36		
June.....					·67	3·54	1·35	1·27	3·29		
July					1·15	4·71	1·15	3·74	1·02		
August.....					2·84	3·69	2·11	5·09	6·11		
September.....					4·30	3·05	4·23	2·54	1·90		
October.....					3·23	5·63	4·27	2·28	4·18		
November.....					2·83	4·24	3·44	3·79	3·24		
December.....					2·94	·73	6·08	1·79	2·26		
TOTALS.....					26·44	35·94	32·57	35·52	32·49		

1879 Obs bad

RAINFALL AT Market Drayton Adderley Rectory

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer Rev Athelston Corbet

Mersey – 1.

Diameter	5	.			.				,	.	
Height	9	.							.	.	
Altitude	254?	.	245						-	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.66	1.33	4.16	2.62	2.25	3.67	1.63	3.98	2.53	1.77	2.560
February.....	1.10	3.01	2.53	.92	1.94	1.19	2.64	2.64	1.44	3.14	2.055
March.....	1.83	1.22	2.85	3.03	1.09	.59	2.35	2.75	.70	.94	1.735
April.....	1.60	2.61	3.36	.74	1.39	.51	3.13	2.11	2.03	2.81	2.029
May	1.56	1.72	2.00	2.21	1.56	1.76	.63	2.42	5.43	2.49	2.178
June.....	.99	2.70	5.96	1.95	.64	2.70	3.39	3.18	3.63	5.34	3.048
July	1.37	3.87	5.16	3.08	1.68	4.96	2.36	5.61	1.08	3.43	3.260
August.....	1.52	1.89	3.16	3.42	3.26	2.60	3.23	4.46	5.03	6.62	3.519
September.....	1.66	+4.59	3.72	2.35	3.30	3.47	5.13	2.89	2.84	2.40	3.235
October.....	+4.40	4.12	5.68	3.47	2.04	4.07	2.53	3.00	3.47	1.53	3.431
November.....	2.57	-1.18	3.38	1.57	4.00	2.40	4.29	2.79	2.58	.83	2.559
December.....	2.25	1.75	4.30	.67	2.82	.53	4.53	2.69	2.28	1.04	2.286
TOTALS	22.51	29.99	46.26	26.03	25.97	28.45	35.84	38.52	33.04	32.34	31.895

C C C

1878 The distance of objects surrounding the gauge exceeds their height by several feet

RAINFALL AT Dudleston Ervy

Lat..... Lon..... County of..... Shropshire.....

.....Rain Gauge, by..... Observer .....

See - 2.

Diameter.....		·8									
Height.....		1·0									
Altitude		400·0 ?	335·								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		1.68	4·38	3·39							
February.....		1.97	3·22	1·04							
March.....		1·15	2·90	3·09							
April.....		2·01	3·37	1·37							
May		1·55	2·26	1·66							
June.....		2·57	5·87	1·26							
July		3·69	4·10	2·15							
August.....		1·29	2·83	2·98							
September.....		+ 4·38	3·89	2·40#							
October.....		4·32	6·12	2·64							
November.....		·82	4·93	2·18							
December.....		1·54	4·49	·90#							
TOTALS		26.97	48·36	25·06							

1873 During last quarter of the year the observations were made at Cilhendre Hall by W. Longridge; height above sea 280 ft.

RAINFALL AT Whitchurch

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer A. Brooke George Esq.

No - 2.

Diameter	.5	.							.	.	
Height.....	3	.	.						.	.	
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·92	1·86	4·58	2·37	~~3·78~~ #	3·78 #	1·37	3·99	2·66	1·36	
February.....	1·85	2·72	2·32	1·78	~~1·33~~	1·33	2·95	2·98	1·44	4·09	
March	2·65	1·59	3·49	4·02	~~·56~~	·56	2·28	2·62	1·48	1·42	
April.....	1·14	2·57	3·58	1·38	~~3·03~~	3·03	3·84	3·15	1·97	3·39	
May	1·61	2·11	2·51	2·15	~~2·19~~	2·19	·47	2·58	5·23	2·18	
June.....	1·20	3·68	7·12	2·26	~~2·90~~	2·90	3·46	2·86	3·95	4·25	
July	2·17	4·94	6·69	3·05	~~5·86~~	5·86	2·48	4·42	1·03	3·95	
August.....	1·62	1·35	3·87	3·21	~~3·53~~	3·53	3·18	5·09	4·98	8·48	
September.....	1·29	4·58	3·97	1·73	~~4·09~~	4·09	5·52	3·18	2·85	2·99	
October.....	+ 5·49	4·17	7·63	2·04	~~4·43~~	4·43	3·65	3·22	3·91	1·04	
November.....	2·88	1·17	4·14	1·91	~~3·91~~	3·91	4·58	2·59	3·77	·43	
December.....	2·90	1·92	5·13	·97	~~·90~~ #	·90	5·83	3·59	3·23	·67	
TOTALS	26·72	32·66	55·03	26·87	~~36·51~~	36·51	39·61	40·27	36·50	34·25	

C. E. C.

1878 A wall 5 ft high & 12 ft distant

RAINFALL AT Burford [Tenbury]

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer Lord Northwick

Seven-3.

Diameter	.5	'							.	.	
Height	.11	'	1.						1·2.	.	
Altitude	100.?	.		150?			193 ↑		.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.73	4 25	4·14	3·10	2·24	4·18	2·49	4·00	·50	(3·00)	2·963
February.....	2·38	1.51	4·08	·29	1·65	2·17	2·91	1·24	1·37	1·71	1·931
March	1.82	1·37	2·42	3·20	1 40	·83	1·61	2:01	1·12	·78	1·656
April.....	-.33	2·95	2·44	·79	1·74	1·21	3·30	1·65	1·54	2·06	1·801
May	1 32	-.83	1·53	2·12	1·93	2·17	·41	2·14	5·70	1·76	1·991
June.....	.38	3.44	3·91	4·36	·52	2·31	·93	1·72	2·54	5·51	2·562
July	.92	3·16	3·94	2·90	1·24	4·74	·97	2·82	1·31	2·27	2·427
August.....	1 69	2·31	2·15	2·94	2·17	3·38	1·12	3·34	5·95	4·77	2·982
September.....	.84	+6·72	2·71	1·40	3·13	2·92	5·60	3·23	2·43	1·60	3·058
October.....	+4.30	2 20	4·01	1·61	3·17	6·29	3·28	1·74	3·42	1·46	3·148
November.....	3.06	·95	2·71	1·99	2·75	4·11	2·60	2·94	3·84	·29	2·502
December.....	1.46	1·56	6·41	·53	1·34	·71	4·77	1·86	1·38	·78	2·080
TOTALS	20·23	31·25	40·45	25·01	23·28	35·02	29·99	28·69	31·10	(25·99)	29·101

1870 ·85 Augt 22d

1878 Thermometer stand abt 4 ft distant

1879 " " 8 ft high 12 ft distant S.

1879 Jany No 86

RAINFALL AT Ludlow Mill Street

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer W. Marston Esq.

Seven-3.

Diameter	.5	.									
Height	1.1	.									
Altitude	337.T	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.27	2.73	5.30	3.96	2.45						
February.....	2.17	1.95	3.37	.80	3.40						
March	1.65	1.84	2.85	2.96	.83						
April.....	.59	2.91	3.14	.85	1.33						
May	1.94	1.14	1.93	2.51	1.71						
June.....	.36	2.91	4.21	2.67	.62						
July	3.43	4.40	3.63	3.05	1.18	4.69 #					
August.....	1.56	1.80	3.03	3.03	3.79						
September.....	1.67	+5.01	2.85	1.44	4.65						
October.....	+5.75	4.34	4.55	2.21	2.57						
November.....	3.11	.71	5.57	2.15	2.79						
December.....	2.37	2.03	4.60	.73	2.94						
TOTALS	26.87	31.77	45.03	26.36	28.26						

C C C

1870 2.15 in fell between 3.45 Pm & 5.30 Pm on 9th July.

RAINFALL AT Ludlow Knowbury

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer Rev J. B. James

Sworn-3.

Diameter	.6	.									
Height	.4	.									
Altitude	1000.	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.60	1.82	4.92	3.63	2.40	3.51					
February.....	2.28	1.72	3.43	.97	2.76	2.38					
March	1.88	1.53	2.14	3.38	1.01	1.02					
April.....	-.39	2.69	3.13	.75	1.64	1.28					
May	1.86	1.22	2.06	2.76	1.64	2.47					
June.....	.66	3.77	4.98	3.20	.88	2.81					
July	1.79	3.69	4.61	3.77	1.08	5.79					
August.....	1.59	1.12	3.20	3.48	3.51	3.12					
September.....	1.21	+6.66	2.78	1.71	3.90	2.27					
October.....	+4.92	3.42	4.40	2.45	2.17	5.79					
November.....	2.34	-.75	4.69	2.77	1.98	4.01					
December.....	1.39	1.63	4.36	.71	2.46	1.73					
TOTALS	21.91	30.02	44.70	29.58	25.43	36.18					

RAINFALL AT Cleobury Mortimer

Lat. ..... Lon. ..... County of Salop

..... Rain Gauge, by ..... Observer J. Bowen Esq

Severn-3.

Diameter...								5	.	.	
Height ...								1 . –	.	.	
Altitude								414 ↑	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								3·58	2·11	2·17	
February. ..								2·19	1·54	2·58	
March								2·30	1·02	1·00	
April								2·32	2·66	3·00	
May								2·49	6·24	2·63	
June								1·27	3·49	4·57	
July.....								2·98	2·12	3·47	
August								4·84	7·63	5·51	
September ..								2·06	3·22	3·28	
October								2·34	4·32	·92	
November ..								2·24	3·42	1·05	
December ..								1·53	1·81	1·26	
TOTALS ..								30·16	39·58	31·44	

1878 A wall 7ft high 21ft distant

1879 " " 15ft " 51ft " West

1879 Gauge moved a few yards

St Marys church Cleobury ¼ mile W.

RAINFALL AT Craven Arms Stokesay

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer Rev J D La Touche

Severn-3.

Diameter	·5	·							·	·	
Height	1 ·	·							·	·	
Altitude								370	·	·	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·00	3.38	7·59	3·81				4·85	2·00	1·34	
February.....	2·58	1.80	2·99	·71				3·11	1·26	2·51	
March	2·17	1.66	3·16	3·31				2·13	·74	1·21	
April.....	62	2.55	3·51	1·46				2·67	1·22	2·29	
May	1·88	·87	1·44	2·08				2·99	5·69	2·02	
June.....	·42	2.97	3·97	2·40				1·28	3·92	6·71	
July	1·68	4.45	3·62	2·68				3·14	2·05	2·97	
August.....	1·73	1.28	3·75	2·61				5·48	5·60	4·84	
September.....	1.02	+4.67	2·61	1·62				2·48	1·96	3·66	
October.....	+5·07	3.43	5·71	2·05				3·18	4·38	1·20	
November.....	2.66	·95	6·51	2·09			#2·92	3·44	3·60	·83	
December.....	2·24	1.94	6·01	·50 #			6·59	1·71	2·19	1·28	
TOTALS	24·07	29.95	50·87	25·32				36·46	34·61	30·86	

C C C

1870 1·08 July 9th

1874 No observations

RAINFALL AT Bishops Castle (Welsh Street)

70

Lat..... Lon..... County of... Salop.....

.....Rain Gauge, by..... Observer... E. Griffiths Esq....

Seven-3.

Diameter.....					.5		.5				
Height					1·3		1·3				
Altitude.....				740	700						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2·43	4·15	1·51	5·79			
February.....					2·92	2·36	3·24	3·00			
March.....				#7ᵃ 3·45	1·34	1·19	3·89	2·54			
April.....				1·40	1·20	1·67	2·77	2·21			
May				1·72	2·16	2·69	·55	3·03			
June.....				1·48	·33	3·14	1·37	1·87			
July				2·89	1·14	5·24	1·75	3·29			
August.....				3·76	3·64	3·04	2·83	4·44			
September.....				1·97	4·99	3·28	5·03	3·06			
October.....				3·98	3·40	6·39	3·74	3·64			
November.....				2·60	3·48	4·51	4·19	4·44			
December.....				1·26	3·64	1·82	6·70	2·20			
TOTALS.....					30·67	39·48	37·57	39·51			

#

1878 Gauge moved to Castle Street

2274

RAINFALL AT Bishops Castle Castle Street

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer E. Griffiths Esq

Seven-3.

Diameter....									.5	.	
Height									4'	4·6	
Altitude									750	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									# 2·19	1·60	
February. ..									1·30	2·85	
March									1·66	1·55	
April									1·33	2·16	
May									4·93	2·11	
June									3·65	6·26	
July.....									1·10	3·58	
August									6·26	5·38	
September ..									2·15	3·25	
October									4·89	1·19	
November ..									4·28	1·02	
December ..									2·40	1·52	
TOTALS ..									36·14	32·47	

1878 Tree 10ft high 18ft to W of gauge
1879 Tree 25 " " 20 " " N.E. " "
Tree 12 " " 12 " " E. " "
Hedge 4 " " 12 " " E. " "

Bishops Castle church ½ mile S.

RAINFALL AT Bishops Castle More Rectory

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer Rev. A. S. Hall.....

Severn-3.

Diameter	5"	.							.	.	
Height	1.6	'				1 . —			.	.	
Altitude	640 ft	. .							.	646	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.38	2.76	5.57	4.39	2.64	4.15	1.71	5.56	2.23	1.86	3.325
February.....	2.21	1.28	4.01	1.20	2.81	2.46	3.15	2.88	1.48	3.12	2.460
March	1.85	1.43	2.70	3.20	1.21	1.35	3.41	2.56	1.32	1.48	2.051
April.....	.83	2.27	3.12	1.25	1.50	1.76	3.19	2.65	1.60	2.25	2.042
May	1.11	.98	2.51	2.07	2.31	2.41	0.60	3.31	4.92	2.26	2.248
June.....	.33	2.72	4.08	1.67	.22	3.38	1.43	1.74	3.49	6.37	2.543
July	.85	3.75	4.49	2.80	1.19	4.90	2.06	3.53	1.31	2.84	2.772
August.....	1.82	1.29	2.00	3.10	3.38	3.45	3.14	4.41	4.86	6.38	3.383
September.....	1.18	3.94	2.04	1.61	4.86	3.23	4.19	3.07	2.00	3.31	2.943
October.....	+5.14	+4.25	5.88	2.00	3.05	5.93	3.80	3.52	5.43	1.41	4.041
November.....	3.33	.93	7.38	2.01	3.14	4.44	4.04	4.07	4.78	1.25	3.537
December.....	2.22	1.74	5.18	.88	3.51	1.75	6.41	2.47	2.72	1.56	2.844
TOTALS	23.25	27.34	48.96	26.18	29.82	39.21	37.13	39.77	36.14	34.09	34.189

37.13

1878 Some low shrubs 12 ft distant from gauge

1879 Trees 25 ft high 30 ft distant S.W.

Moore Church 100 yds SE.

70

RAINFALL AT Larden Hall

Lat..... Lon..... County of... Shropshire

.....Rain Gauge, by..... Observer... Miss F. Rouse Boughton

Severn-3.

Diameter.....		8			8						
Height.....		1·2			1·3						
Altitude.....						658					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		# 1·67	4·66		2·58	3·07	2·14	4·43	2·33	1·75	
February.....		1·36	1·65		2·17	2·24	2·91	2·91	1·63	2·34	
March.....		·97	2·47		1·18	·97	3·31	2·62	1·15	1·07	
April.....	·47	2·30	2·76		1·14	1·46	2·72	3·21	1·66	2·80	
May.....	1·03	1·65	1·23		4·42	1·90	·56	2·47	5·38	2·50	
June.....		4·88	1·39		·94	3·10	1·70	·57	4·20	5·23	
July.....		7·05	2·00		1·02	6·44	2·87	3·83	·96	2·90	
August.....	1·92	1·31	2·59		3·55	3·30	3·50	4·08	6·85	5·59	
September.....		4·00	·97		3·41	3·67	4·51	3·13	2·43	3·08	
October.....		2·84	4·52		2·48	5·49	3·64	3·08	4·93	1·47	
November.....	2·41	·36	2·98		3·09	4·63	4·10	3·51	2·68	1·35	
December.....	imp	1·49	6·50		2·42	1·30	5·34	2·13	2·45	·98	
TOTALS.....		29·88	33·72		28·40	37·57	37·30	35·97	36·65	31·06	

1870 (part) added ×1.25

1878 House to N, Open space to S., small trees to E & W.

RAINFALL AT Church Stretton Stretton House

Lat. ..... Lon. ..... County of Salop

..... Rain Gauge, by ..... Observer W. Clyston Esq

Seven-3.

Diameter								5	.	.	
Height								1. –	. .	.	
Altitude								613	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								5·69	3·27	2·62	
February. ..								3·21	1·39	2·91	
March								2·94	1·26	1·60	
April								2·78	1·80	3·39	
May								3·18	5·85	2·54	
June								1·57	3·51	6·54	
July.....								4·01	·76	2·52	
August								5·57	6·47	6·22	
September ..								3·31	2·74	4·21	
October								3·48	6·03	1·48	
November ..								4·34	4·58	1·37	
December ..							5·26	2·40	2·84	1·15	
TOTALS ..								42·48	40·30	36·55	

1878 A shed 8ft high & 36 ft distant is the nearest object to the gauge

RAINFALL AT Cardington

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer Rev. William Elliot.....

Seven - 3.

Diameter.....			5								
Height.....			1.								
Altitude.....			700.								
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				3·69	1·86	3·63	2·24	4·85	2·13	1·88	
February.....				·87	2·13	1·93	2·68	2·52	1·38	2·24	
March.....				3·50	1·11	1·09	1·22	2·07	·91	1·11	
April.....				·83	1·09	1·38	2·19	2·49	1·77	3·37	
May.....				2·42	2·27	1·92	·51	2·89	5·86	2·13	
June.....				2·65	·38	3·13	2·04	1·39	4·18	6·03	
July.....			# 4·39	2·63	·84	5·49	3·02	3·91	1·05	2·89	
August.....			3·17	3·55	3·64	3·30	3·08	5·95	5·40	6·08	
September.....			2·95	1·59	3·97	3·17	4·49	2·83	2·33	3·69	
October.....			6·16	2·71	2·77	5·43	3·59	3·10	5·33	·81	
November.....			5·43	2·24	3·02	4·00	3·89	3·67	3·84	1·35	
December.....			4·72	·73	2·57	1·70	5·62	2·03	2·73	1·02	
TOTALS.....				27·41	25·65	36·17	34·57	37·70	36·91	32·60	

Observations first commenced in 1869 but discontinued during observer's absence

RAINFALL AT Church Stretton Preen Manor

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer A. Sparrow Esq

Seven - 3.

Diameter								5	.	.	
Height								9	1.	.	
Altitude								700		.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1·95	3·54	2·36	1·68	
February. ..							2·15	2·99	1·29	2·63	
March							3·08	2·13	1·12	1·04	
April							1·68	2·70	1·64	2·85	
May							·42	2·70	5·82	2·20	
June							1·53	1·66	3·81	5·39	
July.....							2·54	3·49	1·07	3·39	
August						# 3·35	2·65	4·74	6·40	6·09	
September ..						3·14	3·98	3·31	2·39	2·73	
October						4·64	2·92	3·04	4·90	1·31	
November ..						3·45	3·33	3·72	3·96	1·11	
December ..						1·26	4·38	2·03	2·60	1·04	
TOTALS ..							30·61	36·05	37·36	31·46	

Church Preen Church 150 yds N.

RAINFALL AT Wenlock Church Preen

70

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer Rev F. H. Paley

Seven-3.

Diameter....									.5	.	
Height									.10	.	
Altitude									750	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									2.48	1.63	
February. ..									1.39	2.57	
March.....									.89	1.08	
April									1.74	2.94	
May									5.82	2.15	
June									3.91	5.52	
July.....									1.21	3.46	
August									6.58	5.98	
September ..									2.45	2.84	
October									5.02	1.27	
November '..									3.77	1.03	
December ..									2.51	1.04	
TOTALS ..									37.77	31.51	

1878 Gauge is situate about 400 yards from Preen Manor.

RAINFALL AT Church Stretton Woolstaston

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer Rev E Donald Carr

Season - 3.

Diameter	.5	.			.				.	.	
Height	1 .	.							.	.	
Altitude	790.	.				807 ft			.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·20	2·77	6·81	4·11	2·64	3·99	1·68	5·66	2·86	1·54	3·426
February.....	2·64	1·66	4·67	·86	2·95	1·70	2·98	3·21	1·54	2·83	2·504
March.....	2·31	1·42	2·54	3·42	1·32	1·32	3·72	2·73	1·25	1·55	2·158
April.....	1·06	3·22	4·51	·72	1·25	1·53	3·16	3·06	1·85	2·82	2·318
May	1·16	1·20	2·60	2·78	2·03	1·77	·68	3·79	5·61	2·25	2·387
June.....	·61	3·61	4·36	2·44	·37	3·65	1·93	1·74	3·92	6·13	2·876
July	·98	4·50	4·57	3·26	1·20	5·29	2·45	4·07	·90	3·12	3·034
August.....	1·92	1·81	2·53	4·32	3·75	3·74	3·60	6·83	6·03	6·23	4·076
September.....	1·22	5·34	3·10	2·10	4·22	3·84	4·87	3·27	2·80	3·93	3·469
October.....	6·29	4·96	8·04	3·14	3·10	5·85	3·42	3·37	6·28	1·59	4·604
November.....	3·42	1·05	5·76	2·53	3·48	4·23	3·87	4·58	4·22	1·22	3·436
December.....	2·55	1·75	5·75	·89	2·55	1·79	5·82	2·44	2·88	1·52	2·794
TOTALS	26·36	33·29	55·24	30·57	28·86	38·70	38·18	44·75	40·14	34·73	37·082

Gauge on a perfectly level lawn not near any trees

Woolstaston churchyard adjoins the garden of the Rectory

RAINFALL AT Middleton in Chirbury.

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer W. Brewster

Severn - 3.

Diameter.....										·5	
Height.....										110	
Altitude.....										650	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February.....											
March											
April											
May.....										#2·17	
June										5·01	
July.....										3·19	
August										6·92	
September....										3·19	
October.....										1·32	
November....										1·76	
December										1·31	
TOTALS										~~24·87~~	

1879 Spruce fir 35ft high + 30ft E

RAINFALL AT Wenlock Shaunton Long Vicarage

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer... Rev. W. Hopton...

Seven-3.

Diameter.....				8							
Height.....				1·2							
Altitude.....				700.		524					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				3·14	2·09	2·93	2·60				
February.....				·61	2·32	2·02	2·92				
March.....				3·04	·79	1·13	2·87				
April.....				·82	1·65	1·09	2·57				
May				1·86	3·57	2·08	·61				
June.....				2·53	·63	2·96	1·78				
July				2·43	·74	6·03	5·22				
August.....				2·78	3·11	3·45	3·07				
September.....				1·59	3·18	3·37	4·26				
October.....				1·67	1·95	5·42	3·50				
November.....				1·75	2·89	3·83	4·10				
December.....				·53	3·03	·82	5·39				
TOTALS.....				22·75	25·95	35·13	38·89				

1876 July 16th Extraordinary T + H storm devastating a district about 6 miles square.

RAINFALL AT Broseley Benthall Hall

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer G. Maw, Esq.

Severn-3.

Diameter. . . .											
Height.									1. –		
Altitude.									600 B		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.									1.99	1.97	
February. . . .									.99	2.26	
March									1.16	1.22	
April									1.67	2.43	
May.									6.14	2.83	
June									3.86	4.36	
July.									1.53	4.35	
August									5.85	5.25	
September. . .									2.33	2.06	
October.									4.35	1.74	
November. . . .									3.82	.95	
December									2.36	.54	
TOTALS									36.05	29.95	

RAINFALL AT Hanwood

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer Mrs. Marshall & C.

Severn - 3.

Diameter. . . .											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.	1.44	1.79	4.25	2.86	1.32	2.66	1.66	2.96	1.69	1.07	2.170
February.	2.32	1.13	3.36	.75	1.83	1.26	2.15	1.70	.93	1.85	1.728
March	2.05	.73	1.83	2.70	.97	.87	2.26	1.58	.64	.88	1.451
April	.69	2.24	2.69	.57	.64	1.04	2.54	1.96	1.96	3.00	1.733
May.	.89	.77	1.51	1.31	1.60	1.97	.66	1.77	4.79	1.53	1.680
June	69	2.64	4.23	2.46	26	2.46	1.16	1.19	2.31	4.43	2.183
July.	(.60)	3.86	5.63	2.20	1.23	4.30	2.60	2.96	1.49	2.60	2.747
August	1.77	1.58	2.11	3.07	1.93	3.51	2.81	6.16	6.14	5.52	3.460
September. . . .	1.18	4.64	2.70	1.56	2.82	4.01	4.46	2.04	2.55	2.82	2.878
October.	4.17	3.69	6.01	2.10	1.55	4.21	2.55	2.13	4.65	.95	3.201
November. . . .	2.39	.64	4.00	1.71	2.21	3.35	3.54	2.97	2.97	1.08	2.486
December	1.85	1.07	3.83	.60	2.16	.98	4.02	1.65	1.41	.99	1.856
TOTALS	(20.04)	24.78	42.15	21.89	18.52	30.62	30.41	29.07	31.53	26.72	27.573

1869 Aug 1.17; Sep: 5.24; Oct. 1.58; Nov. 1.72; Dec. 3.02 in.

1870 July Record lost amount computed.

RAINFALL AT Shrewsbury Meole Brace

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer Miss Lovett

Seven - 3.

Diameter			.5								
Height			1.								
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			4·18								
February.....			2·84								
March.....			1·68								
April.....			3·26								
May			1·73								
June.....			4·25								
July			5·70								
August.....			2·54								
September.....			2·63								
October.....			5·85								
November.....			3·83								
December.....			3·55 #								
TOTALS			42·04								

RAINFALL AT Shrewsbury Monksmoor

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer Miss Lovett.....

Severn - 3.

Diameter	.5	.									
Height	1	.									
Altitude	200.	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·58	1·73									
February.....	1·17	1·37									
March	2·12	·60									
April.....	·94	2·49									
May	·77	·85									
June.....	·60	2·55									
July	·58	3·86									
August.....	1·98	1·29									
September.....	·85	4·42									
October.....	3·52	3·97									
November.....	2·14	·83									
December.....	2·06	1·12									
TOTALS	18·31	25·08									

RAINFALL AT Shrewsbury

Lat..... Lon..... County of... Shropshire.....

.....Rain Gauge, by..... Observer Marshall & Co

Severn - 3.

Diameter	.10								.	.	
Height	4 .4		5. 6	4 . 4	5. 6				.	.	
Altitude	192.		240	193.	240				300	240	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.30	1.10	3.70	2.00	1.00	1.55	1.50	3.25	1.35	.80	1.755
February.....	1.50	1.10	2.25	.45	1.10	1.10	1.53	1.65	.85	1.70	1.323
March	1.90	.50	1.10	2.45	1.10	.35	2.00	1.60	.45	.55	1.200
April.....	.70	2.40	2.75	.35	.45	.60	1.80	2.50	1.70	2.40	1.565
May	.60	.70	1.40	1.30	2.05	1.15	.70	1.75	4.40	1.50	1.555
June.....	.50	2.30	3.80	1.55	.05	1.65	1.35	1.30	2.65	4.40	1.955
July	.50	3.10	5.20	1.70	.85	5.24	1.87	3.25	1.20	2.90	2.581
August.....	1.80	1.45	1.25	1.90	1.60	3.20	2.05	5.62	5.10	5.35	2.932
September.....	1.30	+4.25	1.90	1.10	3.15	2.70	4.10	2.05	2.75	2.25	2.555
October.....	+3.20	3.20	5.05	2.15	1.40	3.25	2.20	2.00	4.30	1.05	2.780
November.....	2.00	+ .40	2.95	1.25	2.75	2.25	3.30	2.15	3.00	.80	2.085
December.....	1.50	.95	2.80	.50	1.15	.80	3.10	1.55	1.20	.75	1.430
TOTALS	16.80	21.45	34.15	16.70	16.65	23.84	25.50	28.67	28.95	24.45	23.710

C C e

Gauge found to leak in 1875 and from that date leakage was of almost frequent occurrence.

RAINFALL AT Shrewsbury

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer Marshall & Co

Severn-3.

Diameter.....										.5	
Height.....											
Altitude.....											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....							1·69	3·43	1·40	·84	
February.....							1·69	1·83	·85	1·78	
March							2·23	1·75	·49	·58	
April							2·04	2·60	1·76	2·55	
May.....							·79	1·74	4·43	1·55	
June							1·50	1·41	2·71	4·49	
July.....							2·24	3·37	1·24	2·98	
August							2·24	5·98	5·17	5·45	
September....						# 3·21	4·33	2·18	2·82	2·30	
October.....						3·49	2·31	2·08	4·32	1·09	
November....						2·50	3·54	2·35	2·97	·83	
December						·94	3·39	1·64	1·27	·78	
TOTALS							27·99	30·36	29·43	25·22	

RAINFALL AT Shrewsbury

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer D^r H. Johnson.....

Severn - 3.

Diameter.....					6						
Height.....				3·	3·–		3·9				
Altitude.....				250	230						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				4·52	2·05		2·96				
February.....				·66	2·34		4·19				
March.....				4·75	·59		3·88				
April.....				·89	1·35		3·81				
May.....				2·99	4·16		1·34				
June.....				3·46	·15		2·16				
July.....				4·14	1·21		2·42				
August.....				4·41	3·00		4·42				
September.....				2·34	4·30		8·31		#		
October.....				3·53	4·04		4·86				
November.....				2·59	5·15		5·38				
December.....				·81	2·78		5·35				
TOTALS.....				34·87	31·12	—	49·08				

75 N.O.

77 Observer left

RAINFALL AT Shrewsbury

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer W. Salt

Severn-3.

Diameter									·5		
Height									5·		
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									·84		
February. ..									·62		
March									·49		
April									1·40		
May									4·02		
June											
July.....									1·47		
August									5·11		
September ..									1·52		
October									3·71		
November ..									2·76		
December ..									1·49		
TOTALS ..									—		

1878 Observations for June imperfect

RAINFALL AT Bridgenorth Quall

Lat..... Lon..... County of... Shropshire.....

.....Rain Gauge, by..... Observer W. Lewis Roach.....

Seven-4.

Diameter	3"	.	5"								
Height	4·2	.	4.								
Altitude	194	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·41	1·98	4·78	2·85							
February.....	1·87	1·38	2·56	·35							
March	1·98	1·00	1·70	3·01							
April.....	·67	2·22	3·45	·69							
May	1·09	·89	1·42	2·03							
June.....	·54	3·19	4·88	2·41							
July	1·13	3·03	4·11	2·43							
August.....	3·76	1·03	2·75	2·36							
September.....	·66	+6·04	2·00	1·53							
October.....	+4·37	2·82	4·67	1·78							
November.....	2·51	·49	3·70	1·99							
December.....	1·85	1·58	3·66	·50							
TOTALS	21·84	25·65	39·68	21·93							

C C C

1870 1·15 Aug! 1st

1874 No observations

RAINFALL AT Bridgenorth Dudmaston Hall

Lat..... Lon..... County of... Shropshire

.....Rain Gauge, by..... Observer Rev. J. W. K. Whitmore

Seven-4.

Diameter	.5	"									
Height	1	"									
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.91	2.03	5.03								
February.....	1.97	1.61	3.14								
March.....	1.87	.93	1.78								
April.....	.74	2 22	3.00								
May	1.23	.94	1.48								
June.....	.55	3.30	5.35								
July	1.44	3.43	4.52								
August.....	3.63	1.13	3.23								
September.....	.68	6.57	1.97								
October.....	4.43	2.69	5.15								
November.....	2.48	.51	3.74								
December.....	1.85	1.61	3.87								
TOTALS	23.78	26.97	42.26								

RAINFALL AT Shiffnal Badger Rectory

Lat..... Lon..... County of.....

.....Rain Gauge, by..... Observer Rev T. T. Boddington.

Seven-4.

Diameter	5										
Height	2 ·10										
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·29										
February.....	1·76										
March	1·53										
April.....	1·05										
May	94										
June.....	– 56										
July	1·16										
August.....	4·12										
September.....	·86										
October.....	+ 4.52										
November.....	2·23										
December.....	1·91 #										
TOTALS	21·93										

C

2295 79

RAINFALL AT Shifnal, Hatton Grange

Lat. ..... Lon. ..... County of Salop

..... Rain Gauge, by ..... Observer Col. Kenyon-Slaney M.P.

Seven-4.

Diameter.....											
Height.....											
Altitude.....											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		1·32	4·15	1·80	1·61	2·37	1·89	3·33	1·78	1·61	
February.....		1·61	2·50	·35	2·26	1·01	2·28	1·89	1·10	2·22	
March.....		·73	1·76	4·09	·68	·59	2·19	2·18	·87	·78	
April		2·35	2·99	·72	·95	·57	2·71	2·11	1·82	2·26	
May.....		1·14	1·78	2·18	1·74	1·43	·70	1·83	5·55	2·45	
June		2·72	4·54	2·74	·62	2·47	2·77	1·33	2·71	4·64	
July.....		2·74	4·10	2·83	·86	5·15	1·89	4·00	·93	3·03	
August		1·43	3·48	2·48	2·56	3·47	2·42	4·23	5·63	5·05	
September...		5·56	2·54	1·60	2·80	3·44	4·54	2·78	2·64	2·23	
October.....		2·61	5·45	1·94	1·57	5·32	2·53	2·00	3·35	1·37	
November...		·55	3·15	1·48	3·27	3·32	3·63	2·49	3·55	·96	
December ...		1·50	3·05	·46	1·40	·97	4·41	1·51	1·84	·76	
TOTALS ...	(19·50)	24·26	39·49	22·67	20·32	30·11	31·96	29·68	31·77	27·36	(27·712)

1870 estimated from Haughton Hall

RAINFALL AT Coalbrookdale Buildwas Parsonage

Lat..... Lon..... ... County of Shropshire.....

.....Rain Gauge, by..... Observer Rev. G. T. Reyes.....

Seven – 4.

Diameter.....											
Height											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				2·67							
February.....				·89							
March.....				3·42							
April.....				1·06							
May				2·29							
June.....				2·13							
July				2·65							
August.....				2·61							
September.....				2·26							
October.....				2·41							
November.....				1·58							
December.....				·79#							
TOTALS.....				24·74							

RAINFALL AT Coalbrookdale Horsehay

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer C. J. Baugh Esq.
G. Roome

Severn-H.

Diameter			5"								
Height			2. 8				3.				
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			4.28	2.19	1.53		2.21 #	3.15	1.43	.90	
February.....			2.75	1.04	1.52		1.67	2.27	.92	2.52	
March.....			1.27	3.13	.89		2.34	2.32	.63	.87	
April.....			3.68	.99	1.10		2.69	2.43	1.67	2.59	
May			2.16	2.17	2.06		.26	1.87	5.28	2.38	
June.....			4.37	2.55	.43		2.05	1.36	3.03	2.50	
July			4.17	2.81	.81		1.86	2.50	1.99	2.89	
August.....			3.28	3.37	2.14		2.80	3.75	5.26	3.90	
September.....			3.11	2.30	2.43		3.65	2.39	2.38	2.38	
October.....			5.83	1.86	2.70		2.78	1.35	3.52	1.16	
November.....			3.22	1.59	3.35		3.25	1.51	3.17	.85	
December.....			3.77	.83	2.00 #		4.41	1.27	2.23	.55	
TOTALS			41.89	24.83	20.96		29.97	26.17	31.51	23.49	

C

RAINFALL AT Shiffnal Haughton Hall

Lat..... Lon..... County of... Shropshire.....

.....Rain Gauge, by..... Observer ... Rev J Brooke.....

Severn-4.

Diameter	5	.							.	.	
Height	3·5	.	3·6		.				.	.	
Altitude	355 ↑	.	353 ↑				355		.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·50	1.78	4·63	2·37	1·81	2·46	1·60	3·81	2·02	1·64	2·362
February.....	1·76	1.62	2·89	·94	2·41	1·56	3·20	2·71	1·23	2·26	2·058
March	1·54	-·84	2·04	3·20	·88	·82	2·45	2·56	1·12	·89	1·634
April.....	1.09	2.92	2·96	·78	1·17	·66	2·62	2·34	1·93	2·49	1·896
May	·76	1·18	2·06	2·70	1·98	1·15	·74	2·32	5·95	2·55	2·139
June.....	-·54	2·31	4·72	2·61	·77	2·63	2·52	1·06	2·57	5·21	2·494
July	1·04	3.46	3·84	2·73	1·17	5·59	3·62	5·63	1·30	3·69	3·207
August.....	2·92	1·49	4·21	3·17	2·62	3·56	2·31	5·00	5·12	6·16	3·656
September.....	·70	+5·27	3·72	1·43	2·88	4·14	4·52	2·66	3·03	2·69	3·104
October.....	+4.47	2·98	6·07	2·38	1·65	5·32	2·81	2·30	3·70	1·42	3·310
November.....	2·75	·89	3·21	1·60	3·73	3·56	3·99	2·89	3·60	·86	2·708
December.....	2·41	1·32	3·71	·85	2·43	1·03	4·75	1·71	2·16	·85	2·122
TOTALS	21·48	26·06	44·06	24·76	23·50	32·48	35·13	34·99	33·73	30·71	30·690

1879 Fir Tree 40ft high 60ft distant S.W.

Shiffnal church ¾ mile S.S.E.

RAINFALL AT Wellington Old Hall

Lat..... Lon..... County of... Shropshire.....

.....Rain Gauge, by..... Observer... Dr J. E. Grasage

Severn H.

Diameter.....							5				
Height.....						1.6					
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						1·89	1·40	3·86	2·2·2	1·84	
February.....						·82	2·46	2·26	·99	1·59	
March.....						·58	2·33	2·48	·89	·83	
April.....						·71	3·02	2·08	1·73	2·64	
May						1·68	·63	2·06	5·69	1·94	
June.....						2·76	2·59	1·30	3·36	3·22	
July						6·52	3·11	5·60	2·84	4·20	
August.....						3·82	2·99	4·36	5·19	6·87	
September.....						4·23	4·33	3·22	2·84	2·29	
October.....						4·61	2·54	2·28	3·85	1·32	
November.....						3·24	3·35	2·19	2·83	·88	
December.....						1·14	4·09	1·71	1·90	·74	
TOTALS.....						32·00	32·84	33·40	34·33	28·36	

RAINFALL AT Newport Cheswell Grange

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer Thomas Radcliffe Esq.

Seven-4.

Diameter											
Height	1 .										
Altitude	250.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·56	2·12	5·07	2·23	1·71	2·61					
February.....	1·72	1·79	2·93	·70	2·09	1·58					
March	1·65	·87	1·99	3·04	·92	·59					
April.....	·97	2·86	3·14	·66	·83	·67					
May	1·00	1·76	1·93	2·05	1·83	2·10					
June.....	·67	2·00	5·56	2·63	·63	2·64					
July	1·16	2·40	4·50	2·24	·95	5·81					
August.....	2·31	3·01	3·68	2·62	2·13	3·60					
September.....	·84	+5·42	3·78	1·89	2·30	4·27					
October.....	+4·11	3·06	6·08	2·73	2·82	4·69					
November.....	2·74	·68	3·37	1·59	3·73	3·45					
December.....	2·55	1·69	4·33	·45	2·62	1·02					
TOTALS	21·28	27·66	46·36	22·83	22·56	33·03					

c c e

1876 no reply

RAINFALL AT Shrewsbury Fitz Manor

Lat..... Lon..... County of Shrewsbury.....

.....Rain Gauge, by..... Observer R. Middleton Esqr.....

Sewen-4.

Diameter	.5	.							.	.	
Height	2.6	.							.	.	
Altitude	287.B	.							.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.60	1.42	.97	.60	1.44	2.65	1.64	3.61	1.80	1.40	1.713
February.....	1.03	1.08	3.87	2.78	1.65	1.37	2.22	1.70	.99	2.18	1.887
March.....	2.06	.57	2.35	.77	1.16	.69	2.18	1.78	.89	1.02	1.347
April.....	.66	2.40	1.98	1.76	.82	.91	2.30	2.74	2.37	2.84	1.878
May	.73	.90	2.76	2.15	2.01	1.47	.57	2.00	4.31	1.69	1.859
June.....	.10	2.58	1.65	1.96	.29	2.46	1.40	1.43	2.51	4.34	1.872
July	.50	3.47	6.00	1.92	1.31	4.93	2.30	2.92	1.52	2.76	2.763
August.....	2.86	1.22	6.26	2.52	2.87	2.50	1.70	4.28	4.73	5.49	3.443
September.....	1.16	4.59	2.70	1.81	2.80	3.46	4.64	1.05	4.84	2.98	3.003
October.....	4.03	4.22	3.38	2.73	2.45	4.16	2.67	2.43	4.44	1.40	3.191
November.....	2.41	.80	5.75	1.64	2.98	3.28	4.33	2.85	3.19	1.23	2.840
December.....	1.95	.97	3.40	.62	2.82	.94	3.88	2.48	1.75	1.19	2.000
TOTALS	19.09	24.22	41.07	21.26	22.60	28.82	29.83	29.27	33.34	28.52	27.802

C C C

1879 A wall 2ft 6 in high (above ground) 2ft distant S.

RAINFALL AT Shrewsbury Lea Acton Vicarage

Lat. ..... Lon. ..... County of Shropshire

..... Rain Gauge, by ..... Observer Rev. E. V. Piggott

Severn-H.

Diameter							5		.	,	
Height							1 .		.	.	
Altitude							280?		267	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1·72	3·64	1·85	1·47	
February ..							2·28	1·80	1·01	2·76	
March							2·24	1·72	·94	1·04	
April							2·85	2·92	2·10	3·01	
May							·68	2·18	4·86	1·65	
June							1·57	1·50	2·91	5·42	
July.....							2·38	3·06	2·02	3·31	
August							2·40	5·19	5·16	6·21	
September ..							5·23	2·61	3·48	2·87	
October							2·92	2·53	4·30	1·52	
November ..							4·24	2·63	3·19	1·22	
December ..							4·35	2·61	1·69	·84	
TOTALS ..							32·86	32·39	33·51	31·32	

Leaton church 300 yds N.W.

RAINFALL AT Newport.

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer J. Bodenham Esq.....

Seven – 4.

Diameter.....	.5										
Height	1.										
Altitude.....	250										
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.56	2.12	4.34	2.17	1.70	2.59	1.64	3.20	2.13	1.78	
February.....	1.60	1.81	2.93	.73	2.09	1.61	2.14	2.15	.95	2.48	
March.....	1.51	.82	1.99	3.04	.92	.59	2.62	2.30	.74	.69	
April.....	1.14	2.62	3.15	.68	.83	.48	3.36	2.23	1.71	2.55	
May	.93	1.27	2.05	2.17	1.53	2.01	.69	2.06	6.20	2.34	
June.....	.60	2.00	6.41	2.97	.69	3.02	2.66	1.20	3.02	5.20	
July	1.01	3.24	4.20	2.64	.61	6.89	2.63	5.54	2.09	3.47	
August.....	1.91	2.76	3.41	2.60	2.44	3.36	2.69	4.10	4.67	5.44	
September.....	.87	5.36	3.78	1.86	2.61	3.52	4.65	2.17	2.30	1.99	
October.....	4.22	3.47	5.59	2.74	1.89	3.43	2.40	2.56	2.30	1.45	
November.....	2.46	.99	3.37	1.64	3.17	5.09	3.67	2.58	2.96	1.03	
December.....	2.59	1.46	3.73	.55	2.50	3.00	4.52	1.62	2.70	.93	
TOTALS.....	20.40	27.92	44.95	23.79	20.98	35.59	33.67	31.71	31.77	29.35	

C C

Jan 1870 and Jan and June 1871 agree with Cheswell Gram

RAINFALL AT Shrewsbury Lansdown Hall

Lat..... Lon..... County of Shropshire.....

..... Rain Gauge, by..... Observer F. Garside Tippinge Esq

Severn 4.

Diameter		.5								.	
Height		1.0								.	
Altitude		310								.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			4.36	2.40	1.51	3.06	1.93	3.37	1.76	.77	
February			2.56	1.01	1.77	1.39	2.20	2.03	.92	2.18	
March.....			2.14	3.41	1.14	.60	2.16	1.46	1.35	1.62	
April.....			3.10	.59	.79	.62	2.67	2.92	1.86	3.47	
May		# 1.08	2.77	2.47	1.90	1.57	.62	2.48	4.88	1.88	
June.....		2.69	5.82	1.63	.34	2.50	1.89	1.55	3.35	5.69	
July		3.71	4.77	2.60	1.39	6.74	2.29	3.39	1.78	3.82	
August.....		1.36	3.02	2.88	2.83	2.45	2.73	5.09	5.34	6.20	
September.....		4.65	4.40	1.60	3.56	3.59	5.20	2.78	2.74	3.21	
October.....		3.95	5.97	2.92	2.45	4.66	2.76	2.71	5.06	1.29	
November.....		.86	3.31	1.30	3.36	2.91	4.22	2.73	5.89	1.10	
December.....		1.12	3.68	.66	2.18	.95	4.08	1.93	1.54	1.02	
TOTALS			45.90	23.47	23.22	31.04	32.75	32.44	36.47	32.25	

(C

RAINFALL AT New Clive School

70

Lat. ..... Lon. ..... County of Shropshire

Rain Gauge, by ..... Observer F. Garside Tipping

Seven-4.

Diameter....						5					
Height						1.-					
Altitude						420					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January											
February. ..											
March.....											
April						.71					
May						1.74					
June						2.75					
July.....						7.19					
August						2.85					
September ..						.85					
October						4.82					
November ..						3.44					
December ..						.59					
TOTALS ..						1					

1875 Clive School is on a hill which rises very suddenly

RAINFALL AT Shrewsbury Hawkstone

Lat..... Lon..... County of... Shropshire.....

.....Rain Gauge, by..... Observer... Vincent Hill.....

Severn – 4.

Diameter.....											
Height											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February.....											
March.....											
April.....											
May											
June.....											
July											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS.....		30·56	47·66								

C C

RAINFALL AT Oswestry Llengoed

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer A. R. Lloyd, Revd

Seven – 4.

Diameter	5	.								.	
Height	6	.								-	
Altitude	470 ft	.								-	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3·33	2·71	6·62	4·97	2·88	4·66	1·70	6·16	2·84	1·54	3·741
February.....	2·63	3·60	4·16	1·56	2·95	1·96	4·47	3·17	1·81	4·34	3·065
March	3·28	2.14	3·33	3·69	1·69	1·37	3·28	1·74	2·06	2·40	2·498
April.....	1·05	2·75	3·55	2·01	2·01	1·29	3·90	3·57	2·06	4·72	2·691
May	2·31	1·80	2·86	1·74	2·55	3·05	·08	4·46	5·38	2·05	2·628
June.....	·54	3·20	5·10	1·78	·75	3·75	·83	1·71	3·09	6·45	2·720
July	·52	4·67	5·06	3·10	1·88	4·68	1·95	2·89	1·77	3·79	3·031
August.....	1·70	1.94	3·57	2·83	3·29	3·33	3·68	5·13	5·60	6·62	3·763
September.....	1·93	+5·09	6·23	2·34	3·23	4·60	4·97	3·14	2·27	3·34	3·714
October.....	+7.26	+5·09	7·09	3·33	2·86	5·83	3·60	4·16	5·15	·94	4·531
November.....	4·00	7·11	6·42	2·61	4·82	3·85	5·52	4·83	3·48	1·20	3·784
December.....	2·71	1·90	6·52	1·38	3·62	1·62	7·90	3·28	3·17	1·78	3·388
TOTALS	31·26	36·00	60·45	31·34	32·53	39·99	41·88	44·24	38·68	39·17	39·554

(See Droplet

70

RAINFALL AT Brentingsdale

Lat..... Lon..... County of Shropshire

.....Rain Gauge, by..... Observer Mrs. K. Treby Taylour

Seven-4.

Diameter.....					·28	5			·		
Height.....					3·–	1·–			·		
Altitude.....							·	276			
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					#1·89	3·78	1·55	3·61	1·87	1·98	
February.....					1·91	1·32	1·95	2·01	1·32	3·30	
March.....					1·03	·57	2·54	2·59	·88	1·00	
April.....					1·15	·50	3·50	2·06	1·80	2·30	
May.....					1·67	2·37	·60	2·56	6·13	2·26	
June.....					·50	1·46	2·45	1·67	4·00	5·26	
July.....					·54	3·41	2·60	2·22	·73	3·33	
August.....					2·86	2·83	3·00	5·20	5·15	6·44	
September.....					2·79	3·41	4·18	2·58	2·64	2·58	
October.....					3·28	4·52	2·59	3·60	3·22	1·31	
November.....					3·87	3·46	4·13	2·65	3·02	·93	
December.....					2·44	1·07	4·85	2·64	2·15	·99	
TOTALS.....					23·93	28·70	33·94	33·39	32·91	31·68	

1874 Gauge in open ground free of trees

RAINFALL AT Market-Drayton

Lat..... Lon..... County of Shropshire.....

.....Rain Gauge, by..... Observer... B. Ding Esq.....

Seven - 4.

Diameter.....						5					
Height						1.					
Altitude.....						317					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·96	·33	4·36	2·14	1·94	3·52					
February.....	1·04	2·48	2·62	·55	2·38	1·21					
March.....	1·70	1·17	2·30	3·31	1·16	·54					
April.....	1·75	3·38	2·71	·80	1·29	·58					
May		1·71	2·38	2·26	1·79	2·01					
June.....	·65	2·54	5·64	2·39	·48	2·23					
July	·96	4·01	3·57	2·89	1·15	4·47					
August.....	1·28	1·76	3·43	2·07	3·37	3·43					
September.....	1·10	4·82	3·76	2·25	3·19	3·57					
October.....	4·22	4·50	5·34	3·41	2·26	3·70#					
November.....	2·61	1·10	3·34	1·40	3·81						
December.....	2·35	1·54	3·64	·66	2·50						
TOTALS.....		29·34	43·09	24·13	25·32 ~~24·72~~						

3 NE

RAINFALL AT Market Drayton Norton in Hales

Lat..... Lon..... County of... Shropshire.....

.....Rain Gauge, by..... Observer ... Rev J. Silver.....

Seven—4.

Diameter	8	.							.	.	
Height	1	.							.	.	
Altitude	335 ↑	.							.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·63	1·44	4·04	2·34	2·27	1·85	1·83	4·04	2·47	(1·85)	2·376
February.....	1·10	2·36	3·13	·63	2·41	1·09	2·72	2·63	1·64	3·13	2·084
March.....	1·37	·89	1·84	3·45	1·01	·51	2·24	2·82	·71	·80	1·564
April.....	1·41	2·83	2·81	·63	1·47	·65	2·76	2·10	2·74	2·72	2·012
May	1·34	1·77	2·10	2·25	1·47	2·20	·99	3·00	6·31	3·46	2·789
June.....	·62	2·48	5·40	2·40	·50	2·80	3·05	2·77	3·55	5·26	2·883
July	1·15	3·23	4·72	2·33	1·36	5·64	2·36	4·86	1·22	3·04	2·991
August.....	1·29	1·72	2·92	2·79	3·14	3·27	3·26	5·70	5·47	4·88	3·444
September.....	1·05	4·33	3·66	2·24	3·49	3·64	5·91	2·39	3·00	2·12	3·183
October.....	2·66	4·08	6·47	3·76	2·26	4·49	2·21	3·45	3·42	1·13	3·393
November.....	3·25	1·00	3·35	1·30	3·51	3·58	4·42	2·76	2·43	·90	2·650
December.....	2·00	1·49	4·16	·66	2·49	1·09	5·15	3·07	2·32	1·06	2·349
TOTALS	18·87	27·62	44·60	24·78	25·38	30·81	36·90	39·59	35·28	30·35	31·418

C C C

1878 The gauge stands on an open lawn no tree is near & buildings are about 40 yds dist:

Norton-in-Hales church 50 yds S.W.

RAINFALL AT Keele

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer H. N. Hollis Esq. Ph. D.

Weimer – 1.

Diameter			.8								
Height			5"								
Altitude			586 ↑								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			5.22								
February.....			3.19								
March			2.57								
April.....			3.09								
May			2.77								
June.....			6.20								
July			7.27								
August.....			2.96								
September.....			3.87								
October.....			5.65								
November.....			3.40								
December.....			4.92 #								
TOTALS			51.11								

C

70

RAINFALL AT Knypersley [Congleton]

Lat..... Lon..... County of Staffordshire

.....Rain Gauge, by..... Observer Wm. Jas. Knapp Esq. C.E.

Weaver — 1.

Diameter	.5	.							.	.	
Height	14.	.							.	.	
Altitude	500.	.							.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3·89	1·66	2·74	1·79	2·26	2·96	1·71	3·54	2·86	1·44	2·485
February.....	1·74	~~3~~ 4 ·10	1·36	·49	2·24	·48	2·21	3·83	1·02	2·75	2·022
March	2·66	1·90	2·59	2·55	2·23	·52	3·04	3·18	1·07	·99	2·073
April.....	1·89	3·14	3·24	·70	1·61	·88	1·71	2·59	1·64	2·03	1·943
May	2·45	2·92	3·09	1·94	1·44	1·68	·72	3·17	6·94	2·21	2·656
June.....	·82	5·04 ~~4·14~~	4·89	1·69	·58	4·69	2·47	5·56	3·00	4·44	3·318
July	2·74	+5·38 ~~5·93~~	4·64	3·60	3·45	6·26	2·09	5·89	1·65	3·15	3·905
August.....	2·07	2·28	3·21	3·43	4·38	3·71	2·95	5·80	4·53	6·85	3·921
September.....	2·06	4·55	4·13	1·78	2·82	3·08	4·41	3·51	4·82	3·00	3·416
October.....	+9·28	4·10 ~~5·90~~	6·22	3·98	2·74	4·86	2·44	2·62	3·28	1·90	4·148
November.....	3·83	1·31	2·96	2·53	4·38	3·97	4·04	3·05	3·24	1·28	3·059
December.....	3·40	2·16 ~~3·28~~	3·90	·79	2·06	1·00	3·59	2·30	2·26	1·75	2·321
TOTALS	36·83	38·80 ~~40·07~~	42·97	25·27	30·19	34·09	31·38	45·04	36·31	31·79	35·267

1871 Corrections sent by Mr. Dodds May 19th 1873

RAINFALL AT Congleton Biddulph Moor

Lat. ..... Lon. ..... County of Stafford

..... Rain Gauge, by ..... Observer Rev F. Gordon

Weaver - 1.

Diameter....									.5	.	
Height								1.6	.	.	
Altitude								800	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									3.08		
February. ..									1.79		
March.....									1.88	1.00	
April									1.48	2.00	
May									6.52	2.65	
June									3.79	5.21	
July.....									1.61	6.27	
August									5.37	6.75	
September ..									5.96	3.50	
October								#2.71	1.67	2.60	
November ..								4.00	1.85	.25	
December ..								1.40	2.35	3.00	
TOTALS ..									37.35	—	

1879 Jan^{ry} & Feb^{y} no Observations

RAINFALL AT Kinver

Lat. ..... Lon. ..... County of ~~Worcester~~ Staffordshire

Rain Gauge, by ..... Observer E. B. Marten Esq C. E.
W. T. Bolton.

Severn, Left Bank – 2.

Diameter									·8	·	
Height									·6	·	
Altitude									165?	180	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								3·97	2·06	1·97	
February ...								1·93	1·17	2·63	
March								2·46	·93	·63	
April								2·11	1·96	2·32	
May								2·35	5·71	2·67	
June								1·20	2·57	4·19	
July								2·94	·45	4·47	
August								4·76	6·33	5·91	
September ..								2·02	3·76	3·09	
October								2·16	4·47	1·16	
November ..								2·71	2·83	·91	
December ..								1·74	1·81	·98	
TOTALS ..								30·35	34·05	30·93	

Kinver church 200 yds W.

RAINFALL AT Amblecote [Stourbridge]

Lat..... Lon..... County of... Stafford.....

.....Rain Gauge, by..... Observer... E. B. Marten Esq C.E

Severn, Left bank 2.

Diameter.....						·8					
Height.....						·6					
Altitude.....						347 ↑					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						2·53	1·87	3·64	1·58		
February.....						1·43	2·75	1·54	1·18		
March.....						·70	2·09	2·35	·87		
April.....						·84	3·26	1·89	1·95		
May						1·57	·82	2·25	6·07		
June.....						3·06	2·16	1·07	2·53		
July						5·36	1·97	3·52	·26		
August.....						2·92	2·41	4·28	7·31		
September.....						3·04	3·76	2·07	3·55		
October.....						6·23	1·55	1·77	3·59		
November.....						3·49	3·37	2·34	3·09		
December.....						1·33	5·13	1·47	1·59 #		
TOTALS.....						32·50	31·14	28·19	33·57		

RAINFALL AT Dennis [Stourbridge]

Lat. ..... Lon. ..... County of Stafford

..... Rain Gauge, by ..... Observer Mr C. Webb

Severn, Left bank – 2.

Diameter. . . .										·4	
Height.										6·6	
Altitude.										270	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.										1·98	
February. . . .										3·03	
March										·59	
April										2·40	
May.										3·74	
June										4·61	
July.										3·37	
August										5·63	
September. . . .										3·45	
October.										1·21	
November. . . .										·79	
December										·66	
TOTALS										31·46	

1879 Wall 8ft high 20 ft S.

Ambleside church ½ mile S.

RAINFALL AT Brierley Hill & Rowley Regis [Boro.]

Lat. ..... Lon. ..... County of Stafford

..... Rain Gauge, by ..... Observer R. Smith Esq

Severn, L-2.

Diameter. . . .					5			5			
Height.					1.-			1.-			
Altitude.					501			885			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.						3·19	1·90	3·15	1·76	1·82	
February. . . .						1·36	2·97	1·85	1·14	2·94	
March						·78	1·99	2·41	1·13	·96	
April					#1·37	·94	3·66	2·11	2·03	3·11	
May.					1·27	2·12	(·95)#	3·05	5·61	3·34	
June					1·37	3·28	#2·69	1·06	2·00	5·42	
July.					1·21	7·39	1·91	3·72	·53	3·24	
August					2·79	3·10	2·41	4·49	7·51	5·67	
September. . . .					4·64	3·87	3·51	2·01	2·95	2·96	
October.					2·25	6·57	1·45	1·54	3·13	1·06	
November. . . .					3·33	3·79	3·89	1·51	2·50	1·20	
December					2·27	1·95	5·11	1·71	1·93	·92	
TOTALS						38·34	(32·44)	28·61	32·22	32·64	

1876 May 12 Gauge moved from Brierley Hill to Rowley Regis. Position at the former place indifferent.

RAINFALL AT Dudley Sedgley

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer... E. B. Marten. Esq C. E

Severn, L— 2.

Diameter.....						·8					
Height.....						3					
Altitude.....						740					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						2·71	1·41	3·55	1·77	1·36	
February.....						1·71	3·19	·76	1·04	2·49	
March.....						·91	1·52	2·11	·98	·55	
April.....						1·48	2·68	2·01	2·11	2·84	
May.....						1·30	·97	2·69	5·66	2·74	
June.....						2·84	1·82	1·16	3·01	4·20	
July.....						6·44	1·53	3·45	·41	3·20	
August.....						3·31	1·67	4·47	7·32	4·93	
September.....						3·77	3·76	2·01	2·22	3·03	
October.....						6·21	1·53	1·74	2·97	·98	
November.....						3·27	3·77	2·09	2·27	·87	
December.....						1·03	4·93	1·41	1·72	·53	
TOTALS.....						34·98	28·82	27·45	31·48	27·72	

1879 Shrubs 3ft high 10 ft distant E.
Trees 15ft high 20 ft " S.

All Saints church Sedgley 400 yds S.

RAINFALL AT Wolverhampton Oaklands

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer Henry Ward Esq.....

Seven, L-2.

Diameter	5"	.									
Height	1	.									
Altitude	525 ft	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.46	2.06									
February.....	2.04	1.91									
March	2.00	1.01									
April.....	.99	3.26									
May	1.15	1.79									
June.....	.84	3.08									
July	1.48	4.47									
August.....	2.43	1.10									
September.....	.60	6.03									
October.....	4.54	2.83									
November.....	2.22	.79									
December.....	2.39	1.67 #									
TOTALS	22.14	30.00									

C C

Mr Ward's obs: were taken by his butler or gardener and differed sometimes considerably from a monthly gauge read by himself. So he told me. Extract from letter from J. Thrustans

RAINFALL AT Wolverhampton Merridale Road

Lat..... Lon..... County of Staffords.....

.....Rain Gauge, by..... Observer John Thurstons Esq.

Severn, L-2.

Diameter	5	.	.								
Height	1	.									
Altitude	426	.	428								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·07	1·67	4·50	2·66	2·48	2·98	1·78				
February.....	1·97	1·63	2·70	·97	2·80	1·31	3·00				
March	1·86	·76	1·85	2·51	·76	·77	2·33				
April.....	1·02	2·72	3·57	·86	1·42	·82	3·53				
May	1·02	1·85	2·27	2·89	1·96	1·67	·73				
June.....	·79	3·80	5·76	3·25	·51	3·46	2·90				
July	1·39	3·88	5·93	3·08	1·78	8·14	2·32				
August.....	2·21	1·01	4·09	2·67	3·55	2·75	2·50				
September.....	-·58	+5·96	2·10	2·14	3·31	4·55	4·82				
October.....	+4·17	2·65	5·61	2·56	1·99	6·93	1·87				
November.....	1·92	-·66	3·63	2·10	3·73	3·51	4·06				
December.....	2·35	1·63	3·49	·66	3·30	1·44	4·55	#			
TOTALS	21·35	28·22	45·47	26·35	27·59	38·33	34·39				

C C C

RAINFALL AT Wolverhampton Waterloo Road

Lat..... Lon..... County of.....

.....Rain Gauge, by..... Observer Charles G. De Lesport Esq.

Severn, L-2.

Diameter	5"										
Height	1·1										
Altitude	500·0		480								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·76	1·68	4·22								
February.....	1·77	1·59	2·67								
March	1·79	·81	1·79								
April.....	1·15	2·91	3·32								
May	1·01	1·78	2·10								
June.....	·76	3·99	5·14								
July	1·33	4·16	5·17								
August.....	2·09	1·10	4·05								
September.....	·58	5·63	2·32								
October.....	4·34	2·57	4·98								
November.....	2·02	·55	3·53								
December.....	2·49	1·57	3·59 #								
TOTALS	21·09	28·36	42·88								

C C C

W. De Lesert was doubtless a very careful & concientious observer but his gauge must I think have been too near the house on the N.E. side and consequently during S.W. gales was likely to be screened by the house. I have reason to suppose that it was my pointing out this defect to him in 1872 that caused him to discontinue observing

Extract from letter from J. Thrustans 18.9.77

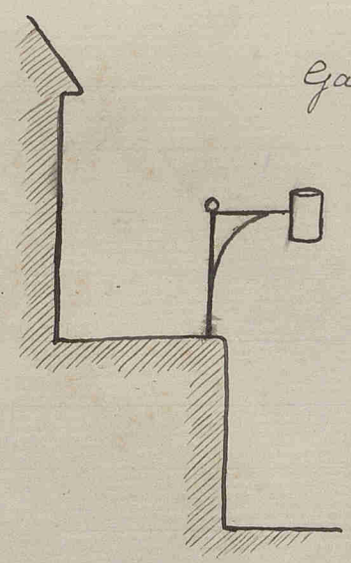
RAINFALL AT Wolverhampton Town Hall

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer A. Morgan Esq. C.E.

Severn, 2-2.

Diameter.....					5						
Height.....				13·0	15·6						
Altitude.....				479	482						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				# 2·59	2·36	2·76	1·62				
February.....				·95	2·75	1·21	2·57				
March.....				2·54	·80	·78	2·23				
April.....				·85	1·44	·77	3·27				
May.....				2·62	1·98	1·57	·66				
June.....				3·19	·51	3·43	3·17				
July.....				3·06	2·06	8·12	2·15				
August.....				2·46	3·34	2·30	1·50				
September.....				2·11	3·02	6·21	4·02				
October.....				2·32	1·92	6·20	1·55				
November.....				2·04	3·48	3·31	3·55				
December.....				·54	2·89	1·47	4·12 #				
TOTALS.....				25·29	26·55	38·13	30·41				



Gauge moved from Waterloo Road

You will no doubt have remarked the close resemblance of his (Mr. Morgan's) anual totals to my own; when I say we very frequently exchanged readings you will probably guess the reason. Extract from letter from J. Thrustans.

I fail to see the close resemblance H.S.W.

RAINFALL AT Wolverhampton Thorganby Villa

70

Lat. ..... Lon. ..... County of Stafford

..... Rain Gauge, by ..... Observer G. C. Broom Esq C. E.

Seven, L – 2.

Diameter						·8					
Height						3·4					
Altitude						460					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						2·57	1·40	3·45	1·88	1·82	
February						1·36	2·67	2·02	·97	2·54	
March						·80	1·86	2·27	·90	·55	
April						·74	2·91	2·14	2·27	2·84	
May						1·56	·83	1·66	5·57	2·74	
June						3·05	3·05	1·86	3·85	4·28	
July						7·68	2·40	4·32	·58	4·69	
August						3·11	2·28	3·52	6·46	5·31	
September ..						4·75	4·54	2·25	2·46	2·89	
October						6·34	1·96	1·89	3·20	1·06	
November ..						3·56	3·83	2·66	3·08	1·05	
December ..						1·40	4·62	1·53	1·89	·67	
TOTALS ..						36·92	32·35	29·57	33·11	30·44	

RAINFALL AT Patshull

Lat..... Lon..... County of Stafford

.....Rain Gauge, by..... Observer Lam! James

Seven, L– 2– T. W. Dell

Diameter	8										
Height	1 3	1.5									
Altitude	450?		400								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	1·14	·73	4·53	2·23	1·74	2·31	2·30	3·22	1·93	1·74	2·187
February	1·18	1·29	3·07	·71	2·68	1·37	2·55	2·34	·78	2·41	1·838
March	1·49	·30	1·82	3·23	·62	·60	2·55	2·20	1·03	·53	1·437
April	1·08	2·39	2·53	·54	1·18	·70	2·86	2·31	1·95	2·43	1·797
May	1·09	1·16	2·01	2·66	1·65	1·42	1·00	1·59	6·50	2·60	2·168
June	·42	2·59	5·73	2·79	·67	2·19	3·11	1·51	3·38	4·04	2·643
July	1·60	3·34	5·01	3·08	·75	6·76	1·78	3·98	1·72	3·85	3·184
August	3·73	1·19	3·65	2·39	2·72	4·02	2·11	4·39	6·61	5·02	3·583
September	·53	6·22	2·42	1·76	3·08	3·94	4·83	2·26	2·60	2·19	2·983
October	4·40	2·77	5·80	2·28	1·52	5·20	2·84	1·77	3·10	1·46	3·114
November	1·90	·71	3·65	1·74	3·22	3·36	3·58	2·11	2·95	·92	2·414
December	2·09	1·54	3·78	·53	1·39	1·02	4·35	1·56	1·78	·62	1·866
TOTALS	20·65	24·23	44·00	23·94	21·22	32·89	33·86	29·24	34·33	27·81	29·217

1879 Vineries & Plant Houses 12 ft high 20 yds distant

Patshull Church ¼ mile S.

2323 70

RAINFALL AT Weston Park [Shifnal]

Lat. ..... *Lon.* ..... *County of* Stafford

Rain Gauge, by ..... *Observer* J. Hope

Severn, L – 2.

Diameter.....				5							
Height.....				1·6							
Altitude.....											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				1·87	1·61	2·29	1·40	3·15	1·99	1·76	
February.....				·63	2·32	1·39	2·73	2·54	1·21	2·38	
March				3·27	·77	0·83	2·47	2·73	·88	·92	
April				·66	·84	·61	2·91	2·17	1·95	2·82	
May.....				2·43	1·87	1·63	·90	2·19	5·88	2·92	
June				2·56	1·20	3·00	3·07	1·18	3·36	4·79	
July.....				2·67	·66	6·60	2·75	4·80	1·10	4·71	
August				2·47	5·50	3·44	2·38	4·81	5·91	6·48	
September....				1·81		3·88	4·88	2·45	2·84	2·62	
October.....				2·32	1·70	5·48	2·65	2·20	3·42	1·20	
November....				1·48	3·32	3·81	4·12	2·61	2·88	1·05	
December				·54	2·50	1·28	4·57	1·30	2·32	·56	
TOTALS	20·75	27·78	43·34	22·71	22·29	34·24	35·03	32·13	33·74	32·21	

Weston under Lyziard

Weston under Lyziard Church 60 yards E
House 60 ft high 40 ft distant

RAINFALL AT Shiffnal Weston under Lyziard

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer Hon'l & Rev J R O Bridgeman

Severn, L – 2.

Diameter	3										
Height	10										
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·17	1·62	4·38	2·05	2·01	2·50	1·44	3·22	2·16	1·67	2·222
February.....	1·43	1·62	3·11	·89	2·47	1·36	2·73	2·58	1·27	2·50	1·996
March	1·52	–·74	1·87	3·28	·92	·87	2·48	2·61	·85	·96	1·610
April.....	1·23	2·64	2·90	·68	·91	·57	3·03	1·98	1·93	2·91	1·878
May	·86	1·37	2·09	2·59	1·89	1·71	·92	2·13	5·85	2·81	2·222
June.....	–·73	2·51	5·25	2·49	1·28	3·15	3·15	1·25	3·51	4·73	2·805
July	1·20	3·28	4·50	2·89	1·48	6·74	2·99	4·77	1·10	4·75	3·370
August.....	2·70	2·40	3·69	2·52	2·78	3·20	2·36	4·72	5·97	6·59	3·693
September.....	·81	+6·07	3·07	2·00	3·18	3·93	5·00	2·57	2·82	2·77	3·222
October.....	+4.46	3·13	5·70	2·45	1·90	5·30	2·82	2·37	3·65	1·37	3·315
November.....	2·30	1·00	3·33	1·52	3·47	3·72	4·05	2·79	2·97	1·05	2·620
December.....	2·34	1·40	3·45	·67	2·20	1·33	4·43	1·40	2·47	·71	2·040
TOTALS	20·75	27·78	43·34	24·03	24·49	34·38	35·40	32·39	34·55	32·82	30·993

C C C

RAINFALL AT Walsall

70

Lat. ..... Lon. ..... County of Staffordshire

Rain Gauge, by ..... Observer E. B. Martin Esq. C.E.

Trent Right bank 3.

Diameter							8		.	.	
Height									4.	.	
Altitude									463	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1·83	3·95	2·04	1·71	
February. ..							3·00	2·38	1·07	2·80	
March							2·48	2·41	·90	·64	
April							3·46	2·24	2·06	3·10	
May							1·02	2·70	5·36	3·10	
June							2·28	1·45	3·55	5·21	
July.....							1·73	3·66	·67	3·50	
August							2·48	3·67	7·63	5·81	
September ..							3·66	2·41	2·46	3·27	
October							1·58	1·89	3·14	·99	
November ..							3·64	2·87	2·94	1·11	
December ..							4·90	1·53	2·22	·95	
TOTALS ..							32·06	31·16	34·04	32·19	

1879 Wall 2'6" above gauge 14' S.
Tree 16'0" " " 30' N.

St Matthews church 400 yds N.N.W.

RAINFALL AT Wolverhampton Wrottesley

Lat..... Lon..... County of Stafford

.....Rain Gauge, by..... Observer W. E. Santon

Iron R-3. Monthly

Diameter	.8	.							.	.	
Height	.8	.	1 .						.	.	
Altitude	490.	.	500.						.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·78	-·30	4·69	2·51	2·28	2·87	1·43	3·35	1·96	1·90	2·307
February.....	·95	1·40	3·32	·97	2·82	1·42	2·68	2·21	1·05	2·40	1·922
March	1·49	·76	1·93	2·90	·65	·80	2·34	2·14	·70	·58	1·429
April.....	1·07	3·74	2·79	·59	1·10	·62	2·62	2·34	2·30	3·37	2·054
May	·89	1·44	2·40	2·66	1·88	1·52	·68	2·16	6·43	2·61	2·267
June.....	-·65	3·19	4·70	2·92	·28	2·87	3·08	1·22	3·71	4·30	2·692
July	1·58	3·99	6·42	3·14	1·26	6·91	2·77	4·22	·61	5·28	3·618
August.....	2·53	·70	3·20	2·34	2·81	2·86	2·13	4·16	6·46	5·36	3·255
September.....	·68	+6·04	2·63	1·58	2·56	4·16	4·51	1·91	2·75	2·81	2·963
October.....	+5·30	3·21	5·93	2·49	1·76	5·74	2·29	1·90	3·10	·99	3·271
November.....	1·83	·58	3·47	1·72	3·19	3·42	3·85	2·54	2·89	·87	2·436
December.....	2·73	1·61	3·48	·66	2·73	1·38	4·56	1·58	1·95	·79	2·147
TOTALS	21·48	26·96	44·96	24·48	23·32	34·57	32·94	29·73	33·91	31·26	30·361

c c c

RAINFALL AT Tamworth Lichfield Street

Lat..... Lon..... County of Stafford

.....Rain Gauge, by..... Observer William Arnold Esq.

Trans. R. 3.

Diameter	5"	.							.	.	
Height	1	.							.	.	
Altitude	160?	.							.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·61	1·17	3·94	2·81	1·82	3·14	2·08	3·57	2·03	2·01	2·418
February.....	1·67	1·51	2·73	1·29	2·18	1·06	2·93	1·86	·92	3·12	1·922
March	1·49	·91	1·77	2·58	·86	·63	2·60	2·22	·99	·84	1·489
April.....	·87	2·56	3·45	·41	1·29	·69	3·19	2·33	1·97	2·54	1·930
May	·72	2·16	1·82	2·25	1·81	1·63	·70	2·38	4·57	2·59	2·063
June.....	1·14	3·05	5·56	3·37	·76	3·39	3·44	1·24	4·33	5·19	3·147
July	1·63	3·43	3·20	2·28	1·84	8·26	1·35	4·01	1·25	3·42	3·067
August.....	1·66	·68	3·68	3·10	2·36	3·04	1·97	3·52	6·03	4·45	3·049
September.....	·80	5·21	2·61	2·12	3·46	3·00	3·97	2·24	1·62	3·15	2·818
October.....	4.45	1·83	4·37	1·83	2·50	6·19	1·51	2·13	3·01	·93	2·875
November.....	1·85	·85	3·38	1·71	2·67	3·58	3·48	3·34	2·63	1·16	2·465
December.....	2·40	1·29	3·96	·40	2·13	1·58	4·90	1·70	2·35	·71	2·142
TOTALS	20·29	24·65	40·47	24·15	23·63	36·19	32·12	30·54	31·70	30·11	29·385

1870 ℄ on grass plot quite clear.

1878 Rose Bushes 4 ft 6 in high at a distance of 12 ft N & a wall 7 ft high at a distance of 15 ft W.

Tamworth church 400 yds E.

RAINFALL AT Lichfield Wall Vicarage

Lat. ..... Lon. ..... County of Stafford.

..... Rain Gauge, by ..... Observer H. Stoker

Trans R-3.

Diameter.										·5	
Height.										1·	
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.											
February. . . .											
March											
April											
May.											
June											
July.										3·25	
August										6·56	
September. . . .										3·64	
October.										·98	
November. . . .										1·17	
December										·80	
TOTALS											

1879 Wall 400 yds S.W.

RAINFALL AT Lichfield St. Michaels Rectory

Lat..... Lon..... County of Staffordshire

.....Rain Gauge, by..... Observer J. J. Serjeantson

From R. 3.

Diameter.....				5					.	.	
Height.....				3		6			.	.	
Altitude.....				322		325	328		320	325	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			# 3·61	2·47	2·19	3·23	2·09	3·77	2·34	1·74	
February.....			2·43	·97	2·06	·99	2·82	2·12	1·10	3·25	
March.....			1·61	3·06	1·16	·65	2·70	2·29	·84	·93	
April.....			2·90	·43	1·61	·69	2·71	2·26	1·87	2·71	
May			2·39	2·51	2·40	1·65	·71	2·88	5·24	2·99	
June.....			5·24	5·03	1·18	3·97	3·41	1·52	4·25	5·84	
July			4·78	2·64	1·59	7·81	2·54	4·60	2·21	3·55	
August.....			2·70	3·30	2·59	3·21	2·12	3·27	6·90	6·14	
September.....			3·37	1·88	3·73	3·74	4·97	2·28	2·16	3·69	
October.....			5·07	2·24	2·42	6·51	1·51	1·80	3·31	1·03	
November.....			3·21	1·85	3·36	4·06	3·89	3·05	3·15	1·21	
December.....			4·15	·52	1·85	1·19	4·56	1·87	2·41	·90	
TOTALS.....			41·46	26·90	26·14	37·70	34·03	31·71	35·78	33·98	

St Michaels church 250 yds s.w.

RAINFALL AT Penkridge Rodbaston

Lat..... Lon..... County of... Stafford.....

.....Rain Gauge, by..... Observer ..... H. Ward Esq.....

From R- 3.

Diameter							5		.	.	
Height							10		.	.	
Altitude							260				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			# 1.29	2.36	2.34	2.83	1.67	3.19	2.27	1.91	
February.....			3.58	.92	2.42	1.27	2.61	2.65	1.12	3.20	
March			2.05	2.58	1.12	1.00	2.40	2.43	.79	.82	
April.....			3.18	.97	.95	.65	3.00	2.50	2.53	2.69	
May			2.96	2.19	1.30	1.82	1.19	2.13	5.82	2.86	
June.....			5.07	2.82	.73	3.18	2.79	1.39	2.94	4.33	
July			7.66	3.03	1.87	6.75	2.10	3.98	1.91	4.61	
August.....			4.24	2.66	3.24	2.83	2.67	4.20	5.68	5.30	
September.....			3.04	1.76	2.98	3.73	5.43	2.27	2.24	2.62	
October.....			4.97	2.75	1.84	5.89	2.39	2.39	3.55	1.16	
November.....			3.53	1.42	3.75	3.64	3.84	2.86	2.81	1.17	
December.....			3.59	.50	2.32	1.38	4.48	1.73	2.39	.90	
TOTALS	20.00	27.00	48.16	23.96	24.86	35.00	34.57	31.72	34.05	31.57	(31.089)

C

1870 & 1871 estimated from Wolverhampton, Wrottesley & Shifnal, Weston under Lizard

RAINFALL AT Rugeley Beau Desert

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer W. W. R. Robson

Trent R-3.

Diameter	·8	·									
Height	·4	·	·6								
Altitude	600·	·									
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	Means.
January.....	1·90	1·56	5·25								
February.....	2.42	1.92	3·42								
March	1·95	7·06	2·12								
April.....	·94	3·35	3·35								
May	1·02	2·10	2·39								
June.....	·92	3·34	6·10								
July	1·14	4·69	3·89								
August.....	1.99	1·31	4·67								
September.....	·91	6·89	4·00								
October.....	5·55	3·41	5·43								
November.....	2·20	1·23	3·73								
December.....	3·11	1·43	4·48								
Totals	24·05	32·29	48·83								

C C C

RAINFALL AT Shushions Manor

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer.....

Trent R. 3.

Diameter.....	5in								.	.	
Height	1ft								.	.	
Altitude.....	325								.	.	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				2·06	1·87	2·39	1·64	3·19	2·34	1·90	
February.....				·53	2·70	1·35	2·79	2·81	1·10	2·65	
March.....			#1·95	2·59	1·06	·84	2·31	2·64	·76	·54	
April.....			2·87	·94	1·09	·56	3·34	2·23	1·95	2·76	
May			2·72	2·24	1·74	1·51	·99	2·06	6·26	2·99	
June.....			3·85	3·36	·59	2·69	2·95	1·51	2·94	5·30	
July			3·18	2·69	1·47	6·39	3·12	4·81	1·95	4·21	
August.....			3·37	2·81	2·40	3·41	2·59	4·47	5·91	6·40	
September.....			3·38	1·96	2·56	3·52	5·02	2·18	2·56	2·48	
October.....			3·04	2·60	1·64	5·69	2·80	2·18	3·69	1·18	
November.....			2·91	1·27	3·77	3·56	3·89	2·65	2·98	1·09	
December.....			3·11	·64	2·39	1·12	4·23	1·54	2·33	·81	
TOTALS.....				23·69	23·28	33·03	35·67	32·27	34·77	32·31	

RAINFALL AT Ghuznee

Lat..... Lon..... County of Stafford

.....Rain Gauge, by..... Observer .....

Iron R - 3.

Diameter		5"								.	
Height		4·2								.	
Altitude		440								.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		1·48	5·80	3·00	2·86	4·23	2·26	4·91			
February.....		3·17	3·22	·97	2·95	1·07	3·35	3·98			
March		1·80	3·96	3·45	2·38	·41	3·43	3·15			
April.....		3·32	4·34	·71	1·98	·70	2·73	2·73		1·91	
May		2·32	2·43	2·51	1·17	1·68	·71	2·84		2·29	
June.....		3·36	6·13	1·86	·64	4·58	2·57	3·29		4·94	
July		3·47	5·00	2·88	1·82	6·15	3·20	5·70		5·50	
August.....		2·96	4·57	3·39	3·68	2·98	2·72	5·89		7·70	
September.....			4·38	2·55	2·83	4·67	4·86	2·65		2·50	
October.....			6·33	3·65	3·44	4·55	2·77	3·03		1·71	
November.....			3·69	2·18	4·42	4·19	5·56	3·77		1·58	
December.....		1·98	5·71	·73	3·59	1·00	4·98	2·48		1·57	
TOTALS			55·56	27·88	31·76	36·21	39·14	44·42	imp		

C C

RAINFALL AT Burton Rangemore

Lat. ..... Lon. ..... County of Stafford

..... Rain Gauge, by ..... Observer W Bennett Esq

Trent, L–L.

Diameter.....	8										
Height.....	5·6										
Altitude.....	424T										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.09	1·30	4.45	2.06	2.31	2.92	1.85	4.01	2.24	1.48	2.471
February.....	1.40	2.08	3.52	·57	2.06	·71	2.61	2.28	·92	2.67	1.882
March	1.60	·74	2.02	2·72	1.26	·50	2.65	1.96	·74	·59	1.478
April	1.15	3.89	2.14	1·53	1.42	·52	2.65	2·71	1.56	2.03	1.960
May.....	·92	2.44	2·23	2.87	1·57	1·50	1.16	2.07	4.08	1.64	2.048
June	2.01	4.03	5.95	3.91	·67	3.44	2.61	2·11	2.73	4.24	3.170
July.....	1.83	4.72	4.84	2.40	1.51	4·72	2.02	4.73	·89	2.89	3.055
August	1.85	1.56	4.89	5·24	2.58	2·79	1·78	3·41	6.99	5.46	3.655
September....	1.10	5·24	4·23	1.92	3.21	3·41	3.62	2.08	1.98	3·34	3.013
October.....	5·79	3.19	6.28	2.12	2·70	6·51	2.15	1.67	3.01	1.42	3·484
November....	2·25	1·23	2.80	2.03	2.38	3·70	3.18	2.63	2·26	·76	2.322
December	2.26	1·37	5·37	·37	·78	·60	3.63	1.95	2.14	·86	1.933
TOTALS	24.25	31.79	48.72	27.74	22.45	31.32	29.91	31.61	29.54	27.38	30.471

RAINFALL AT Stapenhill [Burton-on-Trent]

Lat...... *Lon.*..... *County of* ~~Derby~~ Staffd.

.....*Rain Gauge, by*..... *Observer*... C. U. Tripp.....

Trent. Lbank – 14.

Diameter.....					5·5						
Height					1··						
Altitude.....					200						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February.....											
March.....					#1·51						
April.....					1·45						
May					1·96						
June.....					1·47						
July					1·50						
August.....					2·76						
September.....					3·35						
October.....					2·46						
November.....					2·93						
December.....					2·42 //						
TOTALS.....					~~21·81~~						

RAINFALL AT Winshill [Burton]

Lat..... Lon..... County of ~~Derby~~ Stafford

..... Rain Gauge, by..... Observer ..... J. Matthews Esq...

Trent. L.bank – 4.

Diameter			5						.	.	
Height			.6		1 .				.	.	
Altitude			272 ↑						.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			3·75	2·01	1·99	3·10	2·06	3·44	2·36	1·76	
February			2·39	·92	1·87	1·18	2·82	2·79	1·08	2·93	
March			1·95	2·34	1·03	·44	2·89	1·96	·86	·59	
April.....			2·99	·38	1·39	·71	3·20	2·55	1·36	2·38	
May			2·19	2·28	1·57	1·79	·95	2·43	5·59	1·99	
June.....			4·98	3·62	1·36	3·13	2·63	1·57	3·14	4·24	
July			3·24	2·26	1·08	6·28	1·87	3·95	1·11	2·76	
August.....			3·44	3·57	2·02	2·22	1·69	3·82	4·99	5·43	
September.....			2·46	1·47	2·92	3·57	4·04	1·98	2·24	3·02	
October.....			4·96	1·57	1·94	5·56	1·45	1·65	2·45	·95	
November.....			2·60	1·61	2·69	3·45	3·59	3·11	2·40	1·33	
December.....			4·10	·27	2·86	1·28	4·77	2·22	2·54	1·41	
TOTALS			39·05	22·30	22·72	32·71	31·96	31·47	30·12	28·79	

1879 Winshill ½ mile N.E.

RAINFALL AT Burton-on-Trent Grammar Sch.

70

Lat. ..... Lon. ..... County of Staffordshire

Rain Gauge, by ..... Observer C. U. Tripp Esq

Trent. B—4.

Diameter....						·5			·	·	
Height						1·0			·	·	
Altitude						150	160		·	·	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 3·45	1·64	3·67	2·33	1·74	
February....						1·28	3·15	2·55	1·14	3·35	
March.....						·80	3·24	2·22	·88	·86	
April						·69	2·88	3·42	1·88	2·68	
May						1·69	·93	2·46	5·93	2·24	
June						3·37	2·42	1·47	3·15	3·96	
July.....						6·03	2·02	3·63	·73	2·50	
August						2·62	1·58	4·05	4·37	5·00	
September ..						4·02	4·08	2·10	2·10	2·90	
October						6·15	1·64	1·57	2·90	·94	
November ..						4·03	3·27	3·29	2·71	1·51	
December ..						1·38	5·11	1·53	2·41	1·28	
TOTALS ..						35·51	31·96	31·96	30·53	28·96	

Burton-on-Trent Old church ½ mile N.N.E.?

RAINFALL AT Burton on Trent Horninglow

Lat..... Lon..... County of Stafford

.....Rain Gauge, by..... Observer R. W. Abbotts Esq.

Trent, L—4.

Diameter	.5	.							.	.	
Height	4 .	.					4.		.	.	
Altitude	150.	.							.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·72	1.17	3·62	1·73	1·97	3·08	1·53	3·59	2·32	1·78	2·251
February.....	1·18	1.43	2·74	·53	1·63	·93	3·10	2·55	1·04	2·79	1·792
March.....	1·52	1.08	1·72	2·09	1·36	·57	3·21	2·08	1·03	·66	1·532
April.....	·95	3.68	2·74	·42	1·22	·60	2·43	3·02	1·33	2·41	1·860
May	·59	2.11	2·01	2·65	1·56	1·70	·67	2·35	5·16	2·05	2·087
June.....	1·47	3·64	4·78	3·98	1·44	3·26	2·28	1·67	3·09	4·41	3·002
July	1·25	4.33	2·87	2·00	1·57	4·91	2·12	3·34	·81	2·13	2·533
August.....	1·93	7.02	4·21	4·39	2·79	2·57	1·49	3·90	5·18	4·98	3·246
September.....	1·13	4.40	2·42	1·61	3·23	3·78	4·25	2·06	1·91	2·76	2·757
October.....	4·88	2·27	4·85	2·10	1·67	5·39	1·45	1·64	2·57	·93	2·775
November.....	1·91	1·27	2·39	1·46	2·28	3·83	3·48	2·82	2·40	1·12	2·296
December.....	1·85	1.17	4·33	·27	1·63	1·21	4·44	1·89	2·45	1·10	2·034
TOTALS	20·40	27·57	38·68	2323	22·35	31·83	30·47	30·91	29·29	27·12	28·185

C C C

2360

RAINFALL AT Burton on Trent Shobnall Maltings.

1 mile W of Burton

Lat. ..... Lon. ..... County of Stafford

Rain Gauge, by ..... Observer R. W. Abbotts Esq.

Trent, L—4.

Diameter....						5			·	·	
Height						6	6·		5·9	6·	
Altitude						150		160	·	156	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						2·72	1·99	3·83	2·06	1·72	
February. ..						·93	2·55	2·78	·87	2·67	
March						·55	2·85	1·99	·80	·64	
April						·73	2·61	2·92	1·35	2·33	
May						2·05	·60	1·83	5·58	1·84	
June						2·87	2·33	1·67	2·68	3·78	
July.....						4·93	1·78	3·46	·62	2·43	
August						2·51	1·72	4·05	4·38	5·02	
September ..						3·60	3·23	1·95	1·80	2·64	
October						5·86	1·96	1·66	2·51	·99	
November ..						3·83	3·26	2·71	2·28	1·04	
December ..						·54	3·79	1·89	2·18	·73	
TOTALS ..						31·12	28·67	30·74	27·11	25·83	

1879 Malthouses 50 ft high 180 ft distant S.S.W.
Cottages 30 ft high 90 ft " E.S.E

St. Pauls church ¼ mile N.E.

MET. OFFICE MASTER RETURN NOT ON SITE REVIEW REG. GEN. 101052

NGR:

ALT: ft = metres. Date of review 8/1/85

RAINFALL AT *Burton on Trent*

Lat...... *Lon.*..... *County of* *Stafford*

Rain Gauge, by..... *Observer* *John Matthews Esq*

Trent, L–4. Av 1881-1915 23·7 Inv

Diameter	·5	·									
Height	4 ·	5·0	4·	6·	8·0						
Altitude	152·	·		152 ↑	154 ↑						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·64	1·23	3·54	2·01	1·75	2·73					
February.....	1·50	1·18	2·55	·80	1·58	·77					
March	1·37	1·14	1·92	2·05	1·27	·47					
April.....	·88	3·72	2·86	·41	1·31	·70					
May	·61	1·99	2·11	2·23	1·82	1·73					
June.....	·99	3·24	5·30	3·65	1·49	2·96					
July	1·45	4·06	3·04	2·09	1·21	5·89					
August.....	1·69	·84	3·80	3·87	2·47	2·34					
September.....	·89	4·72	2·17	1·56	2·96	3·67					
October.....	4·63	1·95	4·75	1·96	1·70	5·67					
November.....	1·80	1·20	2·38	1·34	2·45	3·93					
December.....	2·20	1·14	4·09	·26	2·26	1·26					
TOTALS	19·65	26·41	38·51	2223	22·27	32·12					

C C C

1874 Gauge obliged to be fixed two feet higher than last year

15·13 × 24·D
116·78

RAINFALL AT Stoke Barlaston

Lat. 52° 57' N. Lon. 2° 0' W. County of Stafford

..... Rain Gauge, by..... Observer W. Scott Esq.

Front, 2–4.

Diameter	5	.							.	.	
Height	6	.						1. –	.	.	
Altitude	530	.			500			520	.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1·84	1·73	5·72	2·68	2·92	3·69	1·93	4·28	3·15	1·21	2·915
February.....	1·33	3·09	3·94	1·19	2·81	1·11	3·36	3·20	1·48	4·40	2·591
March	1·56	1·30	2·85	3·06	1·59	·81	3·52	2·54	·96	1·09	1·928
April.....	1·34	3·52	3·18	·90	1·49	·51	4·02	3·08	1·91	1·95	2·190
May	1·37	1·82	2·96	2·27	1·44	1·82	·87	4·02	5·20	2·43	2·420
June.....	·73	2·98	5·29	2·30	·81	3·18	2·46	2·24	3·83	5·90	2·972
July	1·36	4·26	5·12	3·32	1·69	6·75	3·34	4·52	1·70	4·45	3·651
August.....	1·77	3·11	4·27	2·94	3·66	2·69	2·62	5·67	6·49	6·38	3·960
September.....	1·76	+4·84	3·74	2·35	3·36	3·79	4·79	2·75	3·05	2·59	3·302
October.....	+5·26	4·40	5·40	3·60	2·83	4·65	1·85	3·17	3·64	1·62	3·642
November.....	2·47	-1·20	3·18	2·26	4·43	3·56	3·80	2·98	2·65	1·21	2·774
December.....	2·49	1·62	4·38	·72	3·27	1·29	4·44	3·64	2·44	1·05	2·534
TOTALS	23·28	33·87	50·03	27·59	30·30	33·85	37·00	42·09	36·50	34·28	34·879

RAINFALL AT Cheadle The Heath House

Lat..... Lon..... County of Stafford

.....Rain Gauge, by..... Observer J. C. Phillips Esq.

One - 5.

Diameter.....				5							
Height				1·							
Altitude.....				647							
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				2·60	2·45	3·49					
February.....				1·09	2·51	1·39					
March.....				2·98	1·58	·71					
April.....				·54	1·06	#					
May				2·98	1·40						
June.....				3·43	1·20						
July				3·72	2·18						
August.....				3·80	3·47						
September....				2·12	3·04						
October.....				3·51	2·54						
November.....				2·05	5·47						
December.....				·42	3·86						
TOTALS.....				29·22	30·76						

1875 Gauge moved to the Paddock

RAINFALL AT Cheadle The Heath House Paddock 70

Lat. ..... *Lon.* ..... *County of* Stafford

..... *Rain Gauge, by* ..... *Observer* J C Philips

Dove – 5.

Diameter						5"					
Height											
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January											
February ...											
March											
April											
May											
June						#3·26					
July						6·77					
August						2·52					
September ..											
October						6·23					
November ..						4·10					
December ..						1·59					
TOTALS ..											

RAINFALL AT Cheadle The Heath House

Lat. ..... *Lon.* ..... *County of* Stafford

..... *Rain Gauge, by* ..... *Observer* J. C. Phillips

Doc - 5.

Diameter....						.5			.	.	
Height						1.			.	.	
Altitude						647			.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						3·58	1·69	5·01	3·24	2·24	
February....						1·54	3·46	3·66	1·81	4·09	
March.....						·73	3·66	3·22	1·20	1·10	
April						·43	4·07	2·23	2·20	2·86	
May						1·63	1·41	3·42	4·70	2·49	
June						3·13	2·91	1·96	3·67	6·40	
July.....						6·97	2·41	4·34	1·76	3·67	
August						2·50	2·42	5·50	7·91	7·26	
September ..						4·62	5·69	2·29	2·81	2·71	
October						6·39	3·38	3·06	3·35	1·27	
November ..						4·17	4·02	3·48	2·37	1·40	
December ..						1·66	6·37	2·86	2·55	1·34	
TOTALS ..						37·35	41·49	41·03	37·57	36·83	

1876 June 2·89 erroneously sent to Met: Society

RAINFALL AT Cheadle Team Vicarage. 70

Lat. ..... *Lon.* ..... *County of* Stafford

..... *Rain Gauge, by* ..... *Observer* .....

Dove – 5.

Diameter						·5			.	.	
Height						1·			.	.	
Altitude						470			.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						4·24	1·90	5·05	3·27	1·99	
February....						1·29	3·41	3·57	1·81	3·87	
March.....						·85	3·70	3·30	·98	1·15	
April						·48	3·97	2·07	2·26	2·63	
May						1·65	1·33	3·44	4·61	2·60	
June						3·14	2·74	2·19	3·75	6·41	
July.....						7·82	2·80	} 9·33	2·09	4·10	
August						2·59	2·95		7·03	8·06	
September ..						4·87	5·65	2·11	2·77	2·87	
October						6·28	3·46	3·46	3·71	1·30	
November ..						4·11	3·97	3·59	2·72	1·48	
December ..						1·69	6·14	3·02	2·81	1·38	
TOTALS ..						39·01	42·02	41·13	37·81	37·84	

RAINFALL AT Oakmoor Ellaston

Lat..... Lon..... County of.... Stafford.....

.....Rain Gauge, by..... Observer Rev. Sir C. R. Lighton Bart

done – 5.

Diameter	.5	.									
Height	3.0	.									
Altitude	400.0	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.15	1.55	5.30	2.45	2.75						
February.....	1.84	3.20	4.17	1.01	2.75						
March	1.79	1.69	2.47	2.95	1.86						
April.....	.82	4.24	2.42	.71	1.68						
May	1.56	2.34	2.15	2.91	1.61						
June.....	1.33	4.13	5.47	2.86	1.44						
July	1.54	5.06	3.35	2.98	2.28						
August.....	2.00	1.61	3.48	2.90	3.90						
September.....	1.67	+5.16	4.65	2.68	2.26						
October.....	+6.96	3.74	5.24	2.14	3.49						
November.....	2.64	1.75	4.15	2.29	4.86						
December.....	2.56	1.69	4.64	.35	3.04#						
TOTALS	26.86	36.16	47.49	26.23	31.92						

(((

RAINFALL AT Cheadle Farley Cottage

Lat. ..... Lon. ..... County of Stafford

..... Rain Gauge, by ..... Observer C. L. Wragge Esq.

Dove – 5.

Diameter									5	·8	
Height									1·1	·	
Altitude									647	638	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January										2·06	
February ..										3·92	
March										1·19	
April											
May										5·35	
June										6·42	
July										4·30	
August										6·83	
September ..									#3·22	3·24	
October									3·75	1·45	
November ..									2·65	1·68	
December ..									2·68	1·78	
TOTALS ..										38·22	

Mr. Marriott says "Capital exposure."

Alton church 1/8 mile S.

1879 Jan.y & Feb mean of two gauges

RAINFALL AT Alstonfield Vicarage

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer Rev. W. H. Purchas.....

Dove - 5.

Diameter			· 5						·	·	
Height			1 · 2				1 · –		·		
Altitude			900?				904				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			7·16	3·72	3·87	4·36	1·66	6·72	6·00	2·00	
February.....			4·74	1·19	1·92	1·78	4·83	3·92	2·70	4·75	
March			4·66	3·20	2·75	1·06	4·79	3·72	1·49	1·57	
April.....			3·91	1·01	2·18	1·17	3·67	3·66	1·70	3·01	
May			2·57	3·63	1·19	2·19	·71	3·76	5·72	2·99	
June.....			5·69	2·47	1·19	2·59	4·68	·81	3·94	7·89	
July			5·69	2·85	3·10	5·89	2·33	(4·78)	·62	4·42	
August.....			3·72	4·52	5·40	4·02	2·84	5·42	5·74	7·40	
September.....			5·26	2·46	3·11	5·02	5·50	2·14	3·94	3·71	
October.....			7·42	5·14	4·54	7·26	3·84	3·37	4·19	2·03	
November.....			5·26	2·98	5·10	5·83	4·69	5·81	3·32	2·09	
December.....			5·91	·80	3·97	2·62	8·37	4·47	2·51	2·21	
TOTALS			61·99	33·97	38·32	43·79	47·91	(48·58)	41·87	44·07	

1877 July 14th gauge overflowed
June must be quite wrong

RAINFALL AT Stoke Stanley Reservoir

Lat..... ..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer Wm. J. A. Snape Esq. C.E.

Dove – 5.

Diameter	.5	.							.	.	
Height	3 .1	.							.	.	
Altitude	550.	.							.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.58	1.35	4.59	2.51	2.05	3.22	1.12	4.50	2.56	1.15	2.463
February.....	1.49	3.49	3.08	.90	2.30	.80	2.45	4.17	1.25	3.19	2.312
March	1.53	1.14	3.52	2.85	1.82	.55	3.46	2.86	1.22	1.32	2.027
April.....	1.72	2.10	4.36	.75	1.65	.60	2.77	2.10	1.17	1.86	1.908
May	1.78	3.03	2.49	2.15	1.59	2.25	.53	2.92	5.93	2.45	2.512
June.....	.88	3.44	5.02	1.87	.90	3.66	1.94	3.07	2.60	4.86	2.824
July	1.61	4.55	5.83	3.35	2.79	5.92	2.45	4.19	1.24	3.93	3.586
August.....	1.94	2.65	4.07	3.36	4.06	2.93	2.47	4.71	5.91	6.62	3.872
September.....	1.89	4.93	4.00	2.27	3.31	3.00	3.92	2.84	3.56	2.74	3.246
October.....	5.28	4.46	5.97	3.57	3.46	4.85	2.98	2.64	3.37	1.70	3.828
November.....	2.06	2.13	3.41	2.39	3.77	3.75	3.53	3.17	2.75	1.23	2.819
December.....	2.29	1.97	3.92	.83	1.88	.65	4.24	2.66	1.90	.72	2.106
TOTALS	24.05	35.24	50.26	26.80	29.58	32.18	31.86	39.83	33.46	31.77	33.503

C C C

RAINFALL AT Wall Grange.

Lat. 50° 5′ Lon. 2° 3′ County of Stafford.

Rain Gauge, by Stafford-5 Observer G. D. Harrison. (~~G. D. B. H. Jones.~~)
Engr. to Staffs. Potteries Waterworks Coy.

Diameter.....	5"										
Height.....	1 ft.										
Altitude.....	454 ft. above sea level.										
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.21	1.56	5.38	3.04	3.40	3.43	2.09	4.95	3.81	1.53	
February.....	1.95	3.51	3.45	1.12	2.93	1.13	3.56	4.94	1.58	3.31	
March.....	1.85	1.69	3.65	4.68	2.48	1.04	4.49	3.90	1.45	1.42	
April.....	1.55	3.05	3.55	.88	1.43	.41	3.10	2.16	1.92	2.34	
May.....	1.89	2.25	2.80	2.43	1.13	1.93	.91	3.44	6.34	2.24	
June.....	1.26	3.81	6.44	2.66	.89	3.46	2.42	3.80	3.09	5.53	
July.....	1.41	3.87	5.92	3.84	4.11	6.13	2.06	3.90	1.36	5.45	
August.....	.44	2.26	4.35	3.98	3.94	3.43	3.11	4.89	5.64	8.43	
September....	2.94	5.23	4.42	2.64	2.88	3.52	5.96	2.42	4.36	2.68	
October.....	6.90	4.86	6.49	3.22	3.66	5.65	1.49	3.22	3.64	1.88	
November....	1.14	1.80	3.99	2.84	5.55	4.66	3.44	3.80	3.44	1.64	
December....	3.04	2.21	5.02	.44	3.88	1.04	4.13	3.58	2.61	2.15	
TOTALS....	26.94	36.06	55.46	32.46	36.61	36.49	34.93	45.33	39.60	38.66	

Back years 1870–1881 received Jan 1929 Enclosure 9A File 820632/28

M.O. 7
11 JAN1929

RAINFALL AT Leek Westwood Hall 70

Lat..... Lon..... County of Stafford.....

.....Rain Gauge, by..... Observer... J. Robinson

Dove - 5.

Diameter.....					·5						
Height.....					1·8						
Altitude.....					655						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2·90						
February.....					2·95						
March.....					2·50						
April.....					1·30						
May					·91						
June.....					·93						
July					3·00						
August.....					3·50						
September.....					2·71						
October.....					3·32						
November.....					3·00						
December.....					3·50						
TOTALS.....					30·52	—					

1875 no observations

RAINFALL AT Leek

Lat. ..... Lon. ..... County of Stafford

..... Rain Gauge, by ..... Observer S. Eyre Esq

Done – 5.

Diameter								3	.	.	
Height								7. –	6.	8.	
Altitude								590	530	538	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								4·90	3·21	1·91	
February								4·18	1·43	3·21	
March								3·43	1·17	1·08	
April								1·72	1·60	1·80	
May								4·04	5·05	1·90	
June								3·26	3·35	5·12	
July								3·99	1·18	4·38	
August								4·48	4·83	6·47	
September ..								2·46	4·71	3·23	
October								2·44	3·27	1·38	
November ..								3·57	2·87	1·65	
December ..								3·33	2·34	2·00	
TOTALS ..								41·80	35·01	34·13	

1879 House 12ft high 30ft S.

St Lukes church 400 yds S.

RAINFALL AT Leek Rudyard

Lat..... Lon..... County of Stafford

.....Rain Gauge, by..... Observer Wm Jas Inspn Esq. C E

Dove - 5.

Diameter	,5	.							.	.	
Height.....	12·7	.							.	.	
Altitude	500.	.							.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·34	1·36	4·96	2·86	2·78	5·29	2·66	5·18	3·60	3·30	3·433
February.....	1,31	2·98	3·10	·89	2·78	·95	4·36	5·09	1·32	3·87	2·665
March	1·69	1·05	4·66	2·75	3·29	1·12	3·07	3·03	1·49	2·30	2·445
April.....	1·21	2·33	2·65	·28	1·58	·76	2·79	2·38	1·23	1·89	1·710
May	2·14	2·20	2·97	2·29	·74	1·48	·40	3·14	4·91	1·56	2·183
June.....	1·43	3·45	5·47	2·30	1·12	3·32	2·29	5·05	3·58	6·27	3·428
July	1·03	4·26	5·86	3·77	3·16	5·28	1·29	5·17	1·35	5·68	3·685
August.....	2·18	2·35	2·70	3·68	3·64	2·77	1·93	5·44	4·66	7·08	3·643
September.....	2·50	4·93	4·80	2·45	2·43	3·22	5·02	3·34	5·39	2·82	3·690
October.....	+6.36	+5·23	6·98	3·29	3·20	5·52	3·38	2·78	4·16	2·05	4·295
November.....	2·40	1·38	3·27	2·27	4·05	4·28	5·63	3·46	4·53	1·25	3·252
December.....	1·86	2·37	4·09	·62	·41	1·34	5·26	2·99	1·91	1·62	2·247
TOTALS	26·45	33·89	51·51	27·45	29·18	35·33	38·08	47·05	38·13	39·69	36·676

The returns for 1879 + 80 run rather irregularly with those for surrounding stations.