

Met O 8b 10-YEAR SUMMARY SHEETS

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2. For many old stations these sheets are the ONLY record of available data.

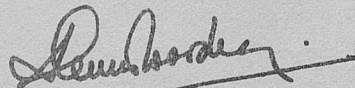
ENTRIES

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

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Head of Hydrometeorological
Data Systems

KEEP as top enclosure of each binder

RAINFALL AT *Market Harbors Foston Locks* *Leicester*

Observer

Rain

Gauge

By

Diameter.....in.

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

Above Mean Sea Level.....ft.

Welland - 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	1.35	52 (2.50)	2.44	87	2.04	1.60	2.42	1.94	2.56		
February.....	1.86	2.29	68	11	1.39	1.57	2.27	1.34	1.23	1.51	
March.....	1.59	2.43	2.56	44	2.22	.81	1.00	1.72	2.01	.66	
April.....	1.14	1.10	2.31	1.26	1.20	.36	1.57	1.80	1.07	.99	
May.....	2.70	1.64	2.03	.74	1.52	1.99	1.47	1.76	.43	3.59	
June.....	5.69	2.15	3.04	2.45	.86	1.79	1.76	1.89	.37	1.23	
July.....	1.74	2.47	1.99	.37	.36	3.58	2.46	1.60	.05	.64	
August.....	2.60	.13	2.54	1.04	.47	4.95	4.44	2.76	3.51	.85	
September.....	3.39	1.65	2.54	1.44	1.65	.11	5.06	1.56	2.39	2.47	
October.....	2.56	1.25	2.82	2.54	1.83	4.54	1.74	1.88	1.90	.77	
November.....	2.59	2.62	.68	1.25	1.98	1.83	2.16	.33	.73	1.50	
December.....	2.27	2.63	1.10	.87	1.04	1.22	1.68	1.67	4.19	2.72	
TOTALS	29.48	20.88	24.29	14.95	15.39	24.79	27.21	20.73	19.82	19.49	21.03

1862 Jan'y No observations

RAINFALL AT Kilworth Harcourt

Leicester

Observer J. Marriott Esq

Rain { By.....
Gauge {

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

Welland - 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS	28.08	19.65	25.73	19.27	18.04	25.30	30.18	24.21	24.73	23.59	23.878

RAINFALL AT *Soddington Hall*

Leicester.

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

Welland- 2.

YEAR.....							<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January							<i>1.40</i>	<i>3.20</i>			
February							<i>3.01</i>	<i>1.38</i>			
March							<i>1.74</i>	<i>2.42</i>			
April							<i>1.74</i>	<i>2.25</i>			
May							<i>1.38</i>	<i>1.85</i>			
June.....							<i>2.35</i>	<i>1.61</i>			
July							<i>2.90</i>	<i>2.15</i>			
August							<i>4.68</i>	<i>2.69</i>			
September ...							<i>4.06</i>	<i>1.92</i>			
October.....							<i>2.42</i>	<i>2.05</i>			
November.....							<i>2.23</i>	<i>.62</i>			
December							<i>2.25</i>	<i>2.52</i>			
TOTALS							<i>30.16</i>	<i>24.66</i>			

C C

RAINFALL AT *Knaptoft Hall*

60

Leicester.

J. Wilson

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

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

Above Mean Sea Level, ft.

Trent - 14.

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i>2.32</i>	<i>2.83</i>	<i>2.01</i>	<i>3.02</i>	
February							<i>2.67</i>	<i>1.45</i>	<i>1.39</i>	<i>1.95</i>	
March							<i>1.25</i>	<i>2.87</i>	<i>1.04</i>	<i>1.54</i>	
April							<i>1.96</i>	<i>2.13</i>	<i>1.21</i>	<i>1.57</i>	
May							<i>1.65</i>	<i>2.06</i>	<i>.61</i>	<i>4.19</i>	
June.....							<i>1.69</i>	<i>2.35</i>	<i>.31</i>	<i>1.75</i>	
July							<i>3.09</i>	<i>1.61</i>	<i>.03</i>	<i>.80</i>	
August.....							<i>6.02</i>	<i>3.07</i>	<i>5.50</i>	<i>1.26</i>	
September ...							<i>5.90</i>	<i>1.76</i>	<i>2.89</i>	<i>2.46</i>	
October.....							<i>2.03</i>	<i>2.27</i>	<i>2.58</i>	<i>1.08</i>	
November.....							<i>2.32</i>	<i>.48</i>	<i>1.54</i>	<i>1.74</i>	
December.....							<i>1.87</i>	<i>2.02</i>	<i>5.45</i>	<i>3.55</i>	
TOTALS							<i>32.85</i>	<i>24.90</i>	<i>25.36</i>	<i>24.91</i>	

+ W. Potts.

Fleckney
Leicestershire.

John R. Putt

+ ground 8 in

+ Sea level

Trent - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				# 2.97	1.07	3.30	2.32	2.30	1.97	2.93	
February - -				1.10	1.18	2.17	2.74	1.24	1.49	2.11	
March - - -				.75	2.77	.95	1.53	2.77	1.27	1.29	
April - - -				1.67	1.73	.44	1.86	2.12	1.43	1.73	
May - - - -				.62	1.41	2.92	1.87	1.82	.87	4.01	
June - - - -				3.42	1.64	2.68	1.88	1.97	.34	1.49	
July - - - -				.81	.18	4.11	3.01	1.58	.00	.72	
August - - -				2.15	.92	7.26	5.37	1.99	4.66	1.09	
September -				2.37	1.77	.26	6.13	1.37	2.07	2.83	
October - -				2.39	1.83	5.10	2.17	1.27	2.44	1.11	
November -				2.17	2.43	2.61	2.12	.65	1.40	1.69	
December -				1.24	1.49	1.49	1.69	1.33	5.27	3.73	
TOTALS -				21.66	18.42	33.29	32.69	21.41	23.21	24.73	

1864: 18.42 = 17.82, on acct. of error in gauge.

1868 remarkable for the excessive drought in May June & July and for the heavy rainfall in Aug. & Dec. more than twice as much rain fell in the last five months as fell in the first seven months J.R.P.

1867- Monthly amounts quite correct J.R. Putt

Wigston Grange
nr Leicester

Thos Burgess

10 in

+ Ground 0.6 in

+ Sea Level 220 ft

Trent - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.10	.41	2.27	2.88	.88	2.33	2.08	3.24	1.71	2.82	2.172
February - -	.79	2.11	.53	.48	1.71	2.43	2.78	1.28	1.64	1.91	1.566
March - - -	2.45	2.83	3.31	.63	2.42	1.01	1.27	2.88	2.56	1.96	2.132
April - - - -	.93	1.12	1.90	1.72	1.74	.40	1.31	2.13	1.27	2.65	1.577 -
May - - - -	3.19	.91	3.30	.47	1.88	3.00	1.10	2.02	.53	4.72	2.112
June - - - -	5.01	2.38	1.95	3.59	1.36	2.29	2.41	2.01	.33	1.71	2.304
July - - - -	1.99	4.33	1.98	.74	.30	3.25	2.21	2.24	.00	1.13	1.817
August - - -	3.49	.70	2.49	2.41	.54	3.54	4.41	2.18	4.00	1.21	2.497
September -	3.21	2.76	2.94	2.63	1.50	.22	5.43	1.94	2.61	2.43	2.567 +
October - -	2.09	1.57	2.91	3.07	1.66	4.88	2.40	2.29	2.28	.75	2.390
November -	2.80	2.60	.90	2.04	2.19	2.42	2.28	.61	1.36	1.83	1.903
December -	2.42	1.48	1.65	1.11	1.42	1.03	2.15	2.09	4.95	3.58	2.188
TOTALS -	31.47	23.20	26.13	21.77	17.60	26.80	29.83	24.91	23.24	26.70	25.165

+ 1862 Oct. is entered in Aug as 2.90

Leicester Museum.

60

J. Payne

9 ft

Trent - 44.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	2.95			2.79							
February - -	.71			.43							
March - - -	2.75										
April - - -	.91										
May - - - -	2.39										
June - - - -	3.72										
July - - - -			2.60								
August - - -	6.54 9.15		2.57								
September - -			2.77								
October - - -	2.67		3.13								
November - -	1.37		.97								
December - -	.98		1.76								
TOTALS - -	24.99										

27.60 corrected
in 1865
H. Billech

Leicester (Hotel St.)

Henry Billson

+ Ground 1.3

+ See Level 220 ft?

Yent - 44.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	# 1.29	2.25	2.90	.87	2.76	1.67	3.08	2.05	2.59		
February - -	1.70	.69	.45	1.74	1.82	2.86	1.28	1.81	2.07		
March - - -	2.94	3.22	.64	2.56	1.13	1.30	2.81	2.98	1.99		
April - - -	1.11	1.87	1.59	1.78	.45	1.35	2.59	1.24	2.01		
May - - - -	1.16	3.22	.78	1.46	2.19	1.19	2.23	.66	5.29		
June - - - -	2.46	2.29	3.54	1.31	2.09	2.47	2.42	.43	1.65		
July - - - -	3 2.90	2.54	.87	.43	3.07	2.12	2.79	.06	1.06		
August - - -	.57	2.54	2.48	.52	3.93	4.04	2.33	4.31	1.35		
September -	.53	2.90	2.49	1.42	.30	5.33	2.53	2.47	2.76		
October - -	.90	2.97	3.84	1.56	4.79	2.60	2.44	2.59	.62		
November -	1.51	.95	1.67	2.03	2.37	2.52	.61	1.48	2.08		
December -	1.65	1.80	1.09	1.37	1.33	2.47	2.54	6.13	4.57	#	
TOTALS -	18.62	27.24	22.34	17.05	26.23	29.92	27.65	26.21	28.04		

18.
corrected by
H.B.

1868 The smallest quantity of rain ever recorded here fell in July & the largest in Dec.

1869 Max. Temp. 91.7 28° Aug. Min 16.0 28 D.S.
Rain about 3 1/2 in + the average N.B.

Thornton, Leicester.
Res.

J Bevins Esq.

Subsequently shown
to be 371 ft.

+ Ground 2 ft. 8 in

+ Sea Level 420? X

Trent - H.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.03	.54	2.24	2.90	.84	1.98	1.69	3.06	1.78	2.41	2.027
February - -	.57	2.31	.62	.35	2.12	1.80	2.30	1.42	1.96	2.18	1.563
March - - -	2.10	3.11	3.40	.61	2.70	.89	1.45	2.16	2.09	1.87	2.038
April - - - -	.83	.98	1.99	1.56	1.30	.40	.95	2.70	1.36	1.45	1.352 -
May - - - -	3.21	1.89	3.35	.47	2.40	2.17	2.11	1.92	1.08	6.15	2.475
June - - - -	4.32	1.99	2.65	3.64	2.12	2.42	.41	1.76	.27	1.17	2.075
July - - - -	1.71	6.25	2.25	.91	.44	3.25	2.90	1.88	.05	.59	2.023
August - - -	4.98	.51	1.64	2.43	.51	4.20	4.10	2.41	3.73	1.90	2.641
September -	2.42	2.39	4.52	2.35	1.70	.26	5.06	3.41	2.18	3.52	2.781 +
October - -	1.64	1.60	2.74	2.75	1.67	5.74	2.20	2.39	2.52	.98	2.423
November -	2.69	2.35	.90	2.81	2.48	1.97	2.41	.61	1.29	2.04	1.955
December -	2.36	1.61	1.84	1.21	1.26	.74	2.07	2.49	5.19	3.81	2.258
TOTALS -	29.66	25.53	28.14	21.99	19.54	25.82	27.65	26.21	23.50	28.07	25.611

4 6 6 6 6 6 6 6 6 6 6

Rainfall at Boston

Leicestershire

Mrs Gilford

52° 39' 36" N
0° 51' 0" W

Diameter of Gauge, in.

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

Above Mean Sea Level, ... ft.

Trent - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						3.29	2.05	3.44	2.78	3.25	
February - -						2.62	2.92	1.72	1.84	2.17	
March - - -						1.49	1.97	3.38	2.14	2.15	
April - - -						.66	1.56	2.52	1.96	1.83	
May - - - -						2.58	1.78	2.39	.78	4.57	
June - - - -						2.28	2.43	1.99	.42	1.43	
July - - - -						4.85	3.06	4.18	.10	.74	
August - - -						4.09	4.56	2.47	4.38	1.41	
September -						.31	5.19	1.76	2.81	2.92	
October - -					1.65	6.00	2.88	2.12	2.75	.97	
November -					2.28	2.68	2.10	.81	2.41	2.17	
December -					2.05	1.05	2.31	2.67	6.53	4.08	
TOTALS -						31.90	32.81	29.45	28.90	27.69	

C C C C C C

Rainfall at *Appleby, Leicestershire*, *Gannet School*

Rev J. B. Falkner

Diameter of Gauge, 5 in.

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

Above Mean Sea Level, 349. ft.

Trent - Lt.

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -		2.05	1.38	2.81	1.50	2.64	
February - -		1.48	2.19	1.42	1.93	2.49	
March - - -		1.13	1.53	2.63	2.04	1.89	
April - - -		.58	.59	2.75	1.55	2.21	
May - - - -		3.22	1.96	1.49	1.38	4.88	
June - - - -		2.01	2.71	2.36	.41	1.20	
July - - - -		3.48	3.35	2.15	.29	.71	
August - - -		4.10	3.75	3.39	3.88	2.30	
September -		.31	5.86	2.67	1.96	3.65	
October - -		5.73	2.33	2.71	2.22	1.23	
November -	#	1.75	2.06	2.80	64	1.48	2.12
December -		1.69	.75	1.95	2.03	5.26	3.42
TOTALS -		27.70	30.40	27.05	23.90	28.74	

L C C C C C

G on Lawn 40? from any buildings no high trees very near.

Rothley
nr. Leicester
Leicester.

Rev^d Rich^d Burton M.A.

+ Ground 4 in + Sea Level. 210 ft

Trent - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.19	1.93	2.54	.89	2.26					
February - -		1.79	.47	.34	1.26	2.12					
March - - -		2.43	2.96	.60	2.97	.99					
April - - - -		1.31	2.07	1.35	1.79	.61					
May - - - -		1.55	3.19	.52	1.40	2.57					
June - - - -		2.38	2.57	3.11	1.36	2.04					
July - - - -		4.02	2.11	.91	.31	2.26					
August - - -		.84	1.88	2.20	.36	3.65					
September - #	2.90	2.14	3.44	2.18	1.37	.29					
October - -	1.76	1.37	2.57	3.77	1.26	6.52					
November -	1.90	2.20	.83	2.29	1.79	2.15					
December -	1.63	1.24	1.56	.91	1.67	.84	#				
TOTALS -		22.46	25.58	20.72	16.43	26.30					

x G G C E E

Rainfall at Dalby Hall London

Melton Mowbray, Leicestershire

Mr. Geo Jones London

2 6 65 67 69

N.B. Diameter of Gauge, 8 in. Height above Ground, 1 ft. 6 in. Above Mean Sea Level, 480 ft.

Trent - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				^{# from 21st} .51	1.00	2.72	1.79	2.86	2.07	2.45	
February - -				.37	1.52	2.48	2.49	1.74	1.68	1.98	
March - - -				.67	2.24	1.01	1.75	2.52	1.99	2.11	
April - - -				1.95	1.27	.65	.94	2.22	1.66	1.66	
May - - - -				.69	1.47	2.13	1.63	2.44	.76	4.13	
June - - - -				2.71	1.74	1.79	2.33	1.75	.47	1.29	
July - - - -				.91	.26	3.22	2.91	2.88	.10	.90	
August - - -				1.80	.57	3.28	4.24	3.19	3.34	1.92	
September -				2.25	1.57	.19	4.89	1.67	2.56	3.36	
October - -				2.70	1.87	5.21	2.73	2.11	2.66	.96	
November -				3.09	2.06	2.29	2.07	.64	1.49	1.83	
December -				1.00	2.09	1.04	1.85	1.97	5.36	3.53	
TOTALS -					17.66	26.01	29.62	25.99	24.14	26.12	

G open to S wall in N distant 25 feet

Rainfall at Rears by

W. Leicester

George Kilby

Diameter of Gauge, 5 in.

Height above Ground, 1 ft. 6 in.

Above Mean Sea Level, 220 ft.

Years - 11 -

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						3.21	1.54				
February - -						1.75	2.14				
March - - -						1.10	1.98				
April - - -						.59	1.14				
May - - - -						2.60	1.20				
June - - - -						1.97	2.42				
July - - - -						3.24	3.30				
August - - -						3.93	4.29				
September -						.31	4.80				
October - -						4.81	2.54				
November -						2.33	2.75				
December -						.79	2.45				
TOTALS -						26.63	30.55				

Observations for all other years ^C ^C totally lost

RAINFALL AT Leicester Rotherby Lodge10 miles from Leicester on the road to
MeltonObserver... J. James Junt. Esq.

Rain { By.....

Gauge { Diameter... 5.....in.Height above Ground, 5 ft. 6 in.

Above Mean Sea Level.....ft.

Trent - 4.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....										2.30	
February										2.70	
March										3.20	
April.....										2.20	
May										5.70	
June.....										1.75	
July .....										.90	
August.....										3.25	
September.....									2.20	3.25	
October									2.20	.85	
November.....									.80	2.75	
December.....									6.90	4.25	
TOTALS										33.10	

These observations were made in a rough manner

Rainfall at *Melton Mowbray*

60

Leicester.

Rev. C. A. Holmes

his return

Diameter of Gauge, in.

Height above Ground, *4* ft. in.

Above Mean Sea Level, ft.

Trent - 4.

YEAR - -	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.60	2.51	.54	2.00					
February - -		.37	.30	1.05	1.65					
March - - -		3.38	.46	2.35	1.01					
April - - -		2.50	1.43	1.21	.50					
May - - - -		3.01	.60	1.11	2.10					
June - - - -		1.98	2.22	1.14	<i>2</i>					
July - - - -		1.63	.63	.32						
August - - -		2.30	1.47	.50						
September -	<i>#</i>	2.28	2.70	1.74	1.36					
October - -		1.35	2.85	2.50	1.31					
November -		2.64	.80	2.66	1.73					
December -		1.43	1.53	.74	1.63					
TOTALS -		24.65	17.26	14.25						

Rainfall at *Loughborough Cedar Lodge**John Filer**Leicester.**Casella*Diameter of Gauge, in. *5*Height above Ground, ft. *9*.... in.Above Mean Sea Level, *400.3* ft.*Trent - Lt.*

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.07	1.39	1.10	.37	1.05	1.11	1.69	2.29	1.40	1.51	
February - -	2.56	3.58	.83	.59	1.65	3.23	2.30	2.58	1.84	3.61	
March - - -	1.61	2.51	4.30	.69	3.75	1.10	1.59	2.23	2.96	1.72	
April - - -	1.84	1.49	2.40	1.57	2.41	.98	1.24	2.76	.67	3.02	
May - - - -	.59	2.65	1.34	2.57	.59	1.18	1.43	1.29	2.30	1.49	2.08
June - - - -	2.65	1.34	2.57	2.23	1.18	1.43	1.29	2.30	1.49	2.08	
July - - - -	3.70	1.73	3.20	.35	1.06	2.16	2.44	3.21	1.39	1.11	
August - - -	3.70	1.73	3.20	.35	1.06	2.16	1.81	1.07	.34	1.11	
September -	1.39	3.64	2.46	1.54	.37	2.49	2.70	1.59	.95	1.59	
October - - -	4.77	2.16	2.18	3.60	1.12	2.36	6.82	2.90	3.14	.46	
November -	2.39	1.25	1.93	2.74	1.34	1.47	3.17	1.25	3.19	3.08	
December -	3.17	2.78	3.25	3.96	1.34	1.47	3.17	1.25	3.19	3.08	
TOTALS -	1.44	2.02	1.94	1.59	1.59	.31	2.61	2.79	1.99	1.07	
	4.23	2.02	1.25	.26	2.73	2.19	2.68	.71	2.04	1.53	
	.16	.61	1.62	.26	1.51	.70	1.88	1.78	6.51	4.42	
	32.57	26.42	30.42	22.69	21.54	27.39	32.22	27.46	27.99	28.00	27.670

Summer Months.

*g. in middle of garden, nearly 3 miles from centre of town,
near foot of S.E. slope of Charnwood forest*

Loughborough

Rev M. J. Bunch 63 Emmanuel Rectory, - 1/2 m S.W. of Loughbors; 1 1/2 m S. of the Beacon Hills
Rev. H. Seaton.

g. N. & L. on grass + ground 9 in 64 + Sea Level 300 ft
Trent - 14. 8 in 5 65 86 210 656
1503 64

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			1.92	2.88	.72	3.71	1.90	2.93	1.65		
February - -			.76	.52	2.38	2.30	2.23	1.57	2.43		
March - - -			4.33	.49	2.72	1.17	2.00	2.67	2.52		
April - - - -			1.72	1.52	1.86	.50	.83	2.93	1.57		
May - - - - -			3.54	.49	1.20	2.10	1.42	1.68	.		
June - - - - -			2.19	2.74	1.78	2.32	2.36	2.23	.33		
July - - - - -		4.84	1.72	1.18	.40	2.07	2.06	1.97	.14		
August - - -		.50	1.88	2.38	.76	4.13	5.80	1.65	3.86		
September -		2.57	3.77	2.04	1.77	.35	7.86	2.55	2.95		
October - - -		1.75	2.49	3.84	1.36	6.98	2.63	2.69	2.87		
November -		2.19	.82	2.25	2.49	2.24	2.56	.70	1.50		
December -		1.48	1.48	1.18	1.29	.77	1.87	1.60	6.69		
TOTALS -			26.62	21.57	18.73	20.72	33.52	25.17			

E E C E C C C C

1868 absent from 27th April to middle of June.

Rainfall at Belton Vicarage,
6 mi. W by N of Loughboro'

60

Leicester.

Rev. R. Dalby

his return

250 65 67

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

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

Above Mean Sea Level, 300.2 ft.

Trent - 14.

Since Jan 1864

YEAR - -	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		.85	1.27	1.64	2.47	1.31		
February - -		2.28	1.70	2.16	1.50	2.10		
March - - -		2.49	1.01	1.61	2.14	2.25		
April - - -		1.62	.47	.48	2.76	1.43		
May - - - -		1.57	2.76	1.59	1.71	1.05		
June - - - -		1.76	1.64	3.46	2.48	.27		
July - - - -	#	1.03	.57	2.24	3.14	2.15	.26	
August - - -		2.41	1.06	3.08	5.52	2.72	4.53	
September -		2.11	2.28	.19	5.87	2.82	2.43	
October - -		3.73	1.46	6.34	2.21	3.12	2.70	
November -		1.82	2.18	1.77	2.79	.71	1.43	
December -		1.08	1.29	.79	1.53	1.54	5.95	#
TOTALS -		19.41	23.34	32.00	26.12	25.71		

Height of Gauge + Ground in 1863, 8 ft.

Waltham Rectory
Seicestershire

Rev.^d G. E. Gillet

8 in 66. 67

N 62° 0' + ground 4 ft. + Sea Level 540³ ft.
Inch - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	1.85	.86	1.70	2.76	.83	2.69	.94	2.63	1.79	2.42	1.847
February - -	1.02	1.72	.50	.47	1.38	2.52	1.93	1.55	1.48	2.51	1.508
March - - -	1.73	2.62	3.01	.54	2.76	1.31	1.43	2.22	1.99	2.62	2.023
April - - -	.60	.85	1.57	1.25	1.25	.41	.92	2.09	1.48	2.15	1.257 -
May - - -	3.02	2.06	3.01	.60	1.40	2.88	1.48	2.69	.62	4.36	2.212
June - - -	3.76	3.96	2.24	2.77	1.20	2.02	2.18	1.70	.50	1.35	2.168
July - - -	2.44	5.37	1.95	.62	.33	2.92	3.92	2.18	.04	.98	2.075
August - - -	4.99	.45	1.83	1.79	.61	3.27	4.40	2.23	2.94	2.37	2.488 +
September -	3.52	1.97	3.00	2.40	1.76	.19	4.17	1.60	3.01	3.21	2.483
October - -	1.82	1.19	2.72	2.55	1.50	4.46	2.63	1.91	2.50	.88	2.216
November -	2.26	2.76	.93	2.76	2.01	1.92	1.97	.64	1.20	2.08	1.853
December -	1.61	1.28	1.49	.88	1.94	.94	1.95	2.03	5.86	3.91	2.189
TOTALS -	28.62	25.09	23.95	19.39	16.97	25.53	27.92	23.47	23.41	28.84	24.319

Gauge open to S wall on N 14 ft distant, after Jan'y 1866
on open lawn quite exposed

1868 In no case during last 9 years has there been such
a fall of rain as in this Dec. only twice has it been
more than 4.00, Augt 1860 = 4.99 & Augt 1866 = 4.40

Belvoir Castle

Leicester.

Wm Ingram

Map Ref No
146 65 67 & 68
1864Diam 8 in + Ground Pinches 63 + Sea Level 237 ft
Trent - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.92	1.50	1.65	2.70	1.57	2.59	1.50	3.12	1.88	2.93	2.044
February - -	1.00	1.60	.42	.26	.98	2.06	2.09	1.73	1.54	2.55	1.439 -
March - - -	1.67	2.15	3.20	.58	2.75	1.31	1.64	2.90	1.90	2.75	2.085
April - - -	.57	1.25	1.59	1.11	1.89	.67	1.40	2.41	1.69	2.47	1.505
May - - - -	2.76	1.56	2.88	.54	.96	2.34	1.24	2.90	.51	4.74	2.043
June - - - -	3.54	2.77	2.09	2.70	1.33	1.41	3.12	1.85	.49	1.50	2.080
July - - - -	1.54	4.75	1.82	.93	.25	3.00	3.21	2.70	.10	.78	1.908
August - - -	5.60	.46	2.77	1.58	.56	3.54	4.73	2.65	2.94	1.52	2.635 +
September -	3.54	1.60	2.59	2.52	1.69	.21	4.54	1.93	2.82	2.95	2.447
October - -	2.06	1.38	2.08	2.63	1.34	4.70	2.44	2.20	2.90	1.10	2.291
November -	1.94	2.62	.92	2.40	1.99	2.38	2.00	.47	1.33	1.95	1.800
December -	2.01	1.24	1.34	.92	2.03	.93	1.48	2.20	6.07	3.77	2.199
TOTALS -	29.23	22.12	23.35	18.87	16.34	25.22	29.39	27.06	24.17	29.01	24.476

1863 The advantages of a dry warm season in a clay district are so many that the temporary inconvenience of want of water is overbalanced, good and well ripened crops of cereals, excellent hay, well matured roots such as potatoes & turnips have been secured with only 19 in of rain and although the pastures were short cattle & sheep were healthy and thriving all the season, Fruit plentiful & well ripened, Wells low, Canal Reservoirs nearly empty

1869 The fall of rain from June to May unusually heavy and assisted in giving us the largest hay crop known for years, a dry July enabled the Farmers to secure the crop in good condition

RAINFALL AT *Wing Rectory Uppingham*

Rutland.

Observer... *Rev^d H. A. Boys*...

Rain { By.....
Gauge {
Diameter..... *4*in.

Height above Ground,ft. *7*in.

Above Mean Sea Level *4.00* ft.

Welland - 1.

YEAR.....											1869	MEANS.
January.....											3.05	
February											2.17	
March.....											1.97	
April.....											2.07	
May											4.29	
June.....											1.22	
July .....											.79	
August.....											1.76	
September.....										[#] 3.98	3.03	
October										2.77	.80	
November.....										1.44	2.18	
December.....										5.95	3.49	[#]
TOTALS											26.82	

*Computed from the readings of an Amateur G. by
comparison with a Glaisher's G.
G. on open lawn*

Empingham
Norfolk

W Fancourt

+ Ground 4 ft

welland - 1.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	2.35	.30									
February - -	.95	1.75									
March - - -	1.00	1.07									
April - - -	.30	.80									
May - - - -	3.00	1.30									
June - - - -	3.20	1.10									
July - - - -	1.15	2.40									
August - - -	2.81	.05									
September -	2.06	1.40									
October - -	1.70	.70									
November -	2.45	2.60									
December -	1.75	1.15									
TOTALS -	23.52	15.42									

J J

RAINFALL AT Tickenole

60

Rutland.

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

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

Above Mean Sea Level, ft.

Welland 1.

YEAR								1867	1868	1869	MEANS.
January								<i>0</i>			
February								<i>1.26</i>			
March								<i>2.03</i>			
April								<i>1.92</i>			
May								<i>2.79</i>			
June								<i>.60</i>			
July								<i>2.32</i>			
August								<i>1.79</i>			
September ...								<i>2.13</i>			
October								<i>1.89</i>			
November ...								<i>.50</i>			
December								<i>1.72</i>			
TOTALS.....											

C

Gauge in the best available spot, but too much sheltered

RAINFALL AT *Lickenole Warren*

Co L Wingfield

Rutland.

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

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

Above Mean Sea Level, ft.

Welland - 1.

YEAR						1865	1866	1867	1868	1869	MEANS.
January							1.43	3.13	2.15	2.62	
February							2.07	1.56	1.31	1.90	
March							1.38	2.10	1.67	1.67	
April							1.14	2.29	1.63	2.06	
May							1.66	2.77	.51	4.11	
June							1.79	.96	.38	1.27	
July							3.52	2.34	.12	.54	
August							3.22	2.40	3.44	1.37	
September ...							3.87	2.14	3.25	3.05	
October						<i>3.84</i>	2.18	1.91	2.59	.78	
November ...						2.35	1.96	.54	1.26	2.11	
December .....						.96	1.76	1.89	6.18	3.29	
TOTALS.....							25.98	24.03	24.49	24.77	

c c c c c

Rainfall at Ryhall

Stainford

Rutland.

Charles Potchett

Diameter of Gauge, ...2..... in.

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

Above Mean Sea Level, ft.

Welland - 1

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -							1.49			2.49	
February - -						# 2.51	1.98			2.09	
March - - -						1.15	1.52			1.72	
April - - -						.49	1.23			1.97	
May - - - -						1.48	1.78			4.69	
June - - - -						1.81	2.27			1.02	
July - - - -						3.70	3.50			.49	
August - - -						2.61	3.84			1.14	
September -						.45	4.11			2.72	
October - -						4.63	1.05			.66	
November -						2.16	1.80			1.99	
December -						.92	1.52			3.44	
TOTALS -							26.89			24.42	

C

C

C

RAINFALL AT Oakham

Oak House Greatham
Rev^d C A Holmes

Rutland

Rain { By

Gauge { Diameter..... $5\frac{1}{4}$in.

Height above Ground, 4.. ft. in.

Above Mean Sea Level, ft.

Welland - 1.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January							1.33	4.05			
February							1.97	1.78			
March							1.07	2.54			
April .....							.84	2.61			
May							1.25	2.99			
June						#1.69	2.98	1.19			
July						3.79	3.25	2.22			
August						2.55	3.65	2.50			
September ...						.37	4.12	1.82			
October						4.36	2.38	1.97			
November ...						2.53	2.11	.56			
December .....						.90	1.76	2.12	#		
TOTALS							26.71	26.36			

RAINFALL AT

Stamford

60

Lincoln.

W Newman M.D.

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

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

Above Mean Sea Level, ft.

Welland - 2.

YEAR.....							1866	1867	1868	1869	MEANS.
January							^R 1.94	2.85	1.80		
February							2.17	2.20	1.60		
March							1.56	2.20	1.59		
April							1.66	2.30	1.40		
May							1.54	2.35	.50		
June.....							2.37	1.60	.50		
July							3.57	1.86	1.20		
August.....							3.49	3.10	2.15		
September ...							4.48	1.23	3.15		
October.....							2.12	1.90	1.94		
November.....							1.80	1.40	3.00		
December.....							1.67	2.40	4.00	#	
TOTALS							2837	2539	2283		

C C C

1868 I believe July & August to be correct. but I could not personally attend to them

Greatford Hall, Stamford

60

Lincoln

Capt. Peacock

8 in 64

Diam: 5 in ; 9 in + ground ;
welland - 2.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.87	1.32	1.59	2.27	.78	2.52	1.54				
February - -	.92	1.89	.53	.30	1.34	1.62	1.84				
March - - -	1.43	2.09	3.30	.36	2.84	1.40	1.19				
April - - -	.43	.70	1.09	1.04	.83	.35	1.11				
May - - -	3.78	1.52	2.24	.73	1.59	1.54	1.70				
June - - -	3.37	2.20	2.10	2.48	.84	1.77	2.86				
July - - -	1.17	4.30	1.62	.89	.32	3.78	3.29				
August - -	3.19	.22	1.92	1.39	.50	2.00	3.46				
September -	1.98	1.60	2.05	1.72	1.24	.40	4.00				
October - -	1.55	.82	2.06	2.42	1.41	3.36	1.80				
November -	2.31	2.40	.97	2.11	2.05	2.15	1.72				
December -	2.20	1.25	1.06	.65	1.37	.86	2.20				
TOTALS -	25.20	20.31	20.53	16.36	15.11	21.75	26.71				

C C C C 2 C C

Wytham on the Hill

Lincoln.

a b

5 m from Bowm & 7 m from Stamford

General Johnson

1 66

1 3. 65 67 = 1 1/2

3 67

5 in + ground 4.3

+ Sea Level

Welland - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.44	.20	1.50	2.30	.86	2.04	.90	2.57	1.74	1.93	
February - -	3.20	1.70	.58	.30	1.97	1.40	1.89	1.53	1.26	1.86	
March - - -	2.10	3.30	.16	2.47	1.07	1.21	1.82	1.12	1.74		
April - - - -	.03	.74	1.32	1.10	.89	.36	.95	2.17	1.34	1.79	
May - - - -	3.40	1.20	1.70	.37	1.37	2.58	1.12	2.48	.67	4.21	
June - - - -	4.51	2.83	2.20	3.11	1.20	1.73	3.36	.90	.55	1.43	
July - - - -	1.32	3.70	1.80	.63	.40	2.90	3.49	1.94	.30	.98	
August - - -	4.01	.52	1.50	1.70	.43	2.18	3.17	1.93	3.24	1.15	
September -	2.10	1.70	2.36	2.27	1.32	.45	3.90	1.56	2.48	2.57	
October - -	1.73	.92	2.16	2.30	1.41	4.01	1.66	1.55	2.25	.59	
November -	2.57	2.90	1.10	2.02	1.80	2.14	1.87	.43	.98	1.78	
December -	1.02	1.30	1.10	.27	1.02	.03	1.42	1.76	5.56	3.00	
TOTALS -	26.33	19.81	20.62	16.53	15.14	21.69	24.94	20.64	21.49	23.03	21022

24 35 mry ch

1863 ~~not to be found~~ New 5 in bottle gauge.

RAINFALL AT *Spalding Pede Hole*

Lincoln

Observer.....*Alfred Harrison*.....

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

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

Above Mean Sea Level.....*19?*ft.

Welland - 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	2.63	1.00	1.63	2.25	.75	2.63	1.63	4.00	2.13	2.13	2.078
February.....	1.13	2.00	.62	.38	1.75	2.12	2.38	1.25	1.37	2.37	1.537
March.....	1.87	2.00	3.63	1.00	2.63	1.63	1.12	1.75	1.63	2.88	2.014
April.....	.75	.88	1.62	.87	1.12	.62	1.37	1.75	1.75	2.87	1.360
May.....	3.38	1.50	2.38	1.88	1.75	2.25	1.38	3.50	.50	4.63	2.315
June.....	5.37	5.62	2.25	3.87	1.63	2.38	4.00	.88	.50	1.63	2.813
July.....	1.25	4.50	2.37	.63	.62	3.62	3.00	1.75	.37	.50	1.861
August.....	4.00	.25	2.13	3.12	.88	4.88	3.37	2.25	3.75	1.75	2.638
September.....	3.00	1.88	3.62	2.63	1.75	.37	3.63	1.37	2.25	2.87	2.337
October.....	1.87	1.37	2.40	2.50	1.37	5.75	1.75	2.00	2.88	.75	2.224
November.....	2.88	3.12	1.13	3.00	2.13	1.88	1.62	.63	1.12	1.75	1.926
December.....	2.25	1.63	1.50	.75	1.25	1.00	1.50	2.25	6.50	3.75	2.238
TOTALS.....	30.38	25.75	24.88	22.88	17.63	29.13	26.75	23.38	24.75	27.88	25341

C C C C C C C C C C

RAINFALL AT Dentons Hallat GranthamObserver Alfred E. Welby - Gregory Bart. Sir

Rain { By

Gauge { Diameter 2 in.Height above Ground, 2 ft. in.Above Mean Sea Level 200 ft.Grantham - 3.

YEAR.....											MEANS.
January.....										18.69	
February										2.50	
March										2.35	
April.....										2.10	
May										1.82	
June.....										4.50	
July										1.28	
August.....										.50	
September.....										1.38	
October										2.85	
November.....										.98	
December.....										1.50	
TOTALS										3.50	
										25.26	

C

Gauge placed on the ground in a Valley

Grantham

J. W. Jeans Esq.

181 68

~~181~~

8 in + ground 0.6 in + Sea level 179 feet 6 in
 witham - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.01	.67	1.62	2.54	.72	2.42	1.09	3.23	1.87	2.42	1.939
February - -	1.03	1.79	.42	.23	1.01	1.67	2.04	1.69	1.30	2.22	1.340
March - - -	1.76	1.83	3.55	.61	2.66	1.67	1.34	2.57	2.01	2.72	2.072
April - - -	.72	1.26	1.33	.85	1.13	.43	.68	2.00	1.67	2.27	1.234 -
May - - - -	2.88	1.23	2.12	.62	1.41	2.25	.90	2.95	.42	4.45	1.923
June - - - -	3.58	2.29	1.76	2.59	.91	1.38	1.76	1.16	.54	1.41	1.738
July - - - -	3.12	4.35	1.31	.76	.34	2.46	3.12	2.62	.16	.68	1.892
August - - -	4.67	.48	2.06	1.00	.59	3.21	3.54	2.40	2.84	1.25	2.204 +
September -	2.88	1.40	2.84	1.99	1.59	.17	3.56	1.58	2.33	2.61	2.095
October - - -	1.78	1.01	2.22	2.39	1.31	4.46	1.82	2.04	2.53	1.56	2.112
November - -	2.23	2.92	1.02	2.37	2.12	2.26	1.52	.43	.83	1.78	1.748
December - -	2.21	1.28	1.30	.85	2.02	.90	1.40	2.35	5.38	3.41	2.110
TOTALS - -	29.67	20.51	21.55	16.80	15.81	23.28	22.77	25.02	21.88	26.78	22.407

1868 the past Decr has been the wettest month I have
 ever registered with the exception of Novr. 1852 when
 5.445 fell 1852 was the wettest year the total being
 32.194 inches

Rainfall at Hydour

Sheaford

Lincoln.

Gordon & Deedes

casella

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

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

Above Mean Sea Level, ft.

witham - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						[#] 1.42	1.07	2.59	1.97	2.11	
February - -						1.66	2.00	1.46	1.73	1.32	
March - - -						1.67	1.63	2.05	1.29	1.53	
April - - -						.39	.69	2.41	2.06	3.05	
May - - - -						2.12	1.80	2.17	.86	4.07	
June - - - -						1.75	2.90	.51	—	1.86	
July - - - -						2.81	4.02	1.82	.24	1.06	
August - - -						3.65	3.30	1.77	2.68	1.42	
September -						.21	4.46	1.36	2.64	2.59	
October - -						5.00	1.97	2.24	2.56	1.86	
November -						.27	1.45	.74	.95	1.44	
December -						.96	1.43	2.12	5.47	3.60	
TOTALS -						21.91	26.72	21.24	22.45	25.91	

(C C C C C)

1868 Rain seems mostly to have fallen at night scarcely at all hindering agricultural labour

RAINFALL AT Aswarby
Lincolnshire

Observer Rev C Whichester

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

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

Above Mean Sea Level.....ft.

witham - 3.

YEAR.....										1868	1869	MEANS.
January.....											1.54	
February											1.55	
March.....											1.72	
April.....											2.37	
May											4.72	
June.....											1.77	
July .....											.52	
August.....											1.40	
September....											3.00	
October											1.14	
November.....											1.30	
December.....											3.18	
TOTALS										20.78	24.21	

C C

1868 Before the Eclipse of the sun on 18th Aug^t 8.02
After it 12.76
20.78

Boston Bangor Lodge.
Lincolnshire

60

W Keall

6 64 5

20 66 68

A Mercer Adam M.D. 1864

1 62 66 67 68

10 45

5 in + ground 4ft

+ Sea level 20ft

witham - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.00	.93	1.54	2.25	.71	1.82	.97	3.46	2.27	2.52	
February - -	1.20	2.12	.39	.33	1.35	1.90	2.14	1.40	1.40	1.89	
March - - -	1.80	1.65	3.22	.03	2.01	1.21	.80	1.52	1.61	2.72	
April - - -	.47	1.23	1.30	1.30	1.24	30	1.10	2.39	1.75	1.91	
May - - -	3.48	1.55	2.06	.71	1.63	2.23	1.25	3.56	.39	3.71	
June - - -	4.21	2.49	1.98	1.75	.95	1.74	2.60	1.91	.41	1.76	
July - - -	1.60	3.74	2.22	.60	.33	5.29	4.42	3.34	.33	.76	
August - - -	5.35	.15	1.70	2.75	.87	2.92	2.84	1.87	3.29	1.57	
September -	2.96	1.38	1.47	1.90	1.30	.40	3.55	1.85	2.22	3.22	20 25
October - -	1.92	.90	1.84	2.47	.97	4.62	1.73	1.96	3.22	1.38	
November -	2.40	2.84	.86	2.45	2.08	2.21	2.15	.64	1.32	1.65	
December -	2.30	1.40	1.35	.95	1.79	1.15	2.00	2.25	5.59	4.44	
TOTALS -	30.69	20.38	19.93	18.29	15.23	25.79	25.55	25.25	23.80	27.53	23.24

1864 + Ground 6ft + S.L. 10ft

1864 The height above ground and the amounts agree with the Grand Suiçe gauge and Mr. Porter states that those figures were registered by himself

RAINFALL AT Boston Grand SluiceObserver... ~~A. Mercer Adams M.D.~~ W. J. PorterRain { By Glaisher A.D.Z.Gauge { Diameter... 0...in. Height above Ground... 6...ft...in. Above Mean Sea Level... 20...ft.Watham - 3.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....					.71	1.68	1.18	3.07	1.91	2.18	
February.....					1.35	1.89	2.15	1.14	.88	1.63	
March.....					2.01	1.26	.84	1.22	1.55	2.25	
April.....					1.24	.40	1.11	1.90	1.48	1.64	
May.....					1.63	2.23	1.09	3.48	.29	3.46	
June.....					.95	1.93	2.40	.85	.39	1.52	
July.....					.33	3.90	4.21	2.89	.34	.67	
August.....					.87	2.76	2.59	1.70	3.68	1.49	
September.....					1.30	.42	3.33	1.60	2.14	3.00	
October.....					.97	4.73	1.55	1.75	2.86	1.21	
November.....					2.08	2.01	1.90	.42	1.02	1.46	
December.....					1.79	.93	1.36	1.92	5.31	4.27	
TOTALS.....					15.23	24.14	23.71	21.94	21.85	24.78	

1868 This g. is more than $\frac{1}{2}$ a mile from any house and casual showers & thunderstorms occasionally cause a discrepancy between the two gauges near than can be otherwise accounted for by position or height. This second g. is in a very exposed situation.

RAINFALL AT *Boston Pen Street*

60

Lincoln

W H Wheeler C E

Rain { By *Apps* 5 68 25 65
Gauge { Diameter *5* in. Height above Ground, *0* ft. in. Above Mean Sea Level, *20* ft.

within 3.

YEAR									1867	1868	1869	MEANS.
January								#	3.67	2.43	2.79	
February									1.36	1.57	1.82	
March									1.58	1.68	2.62	
April									2.23	2.41	2.96	
May									3.72	.43	3.86	
June									1.06	.45	1.66	
July									3.53	.37	1.75	
August									1.89	3.43	1.63	
September ...									1.84	2.29	3.29	
October									2.02	3.35	1.16	
November ...									.79	1.39	1.61	
December									2.25	5.87	4.16	
TOTALS									25.94	25.61	27.26	

1868 Not in good position being in a yard at the back of a house in the centre of the town on the top of a partition wall

Rainfall at *Stea*ford.

60
Lincoln

Ben. Heald.

Diameter of Gauge, in.

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

Above Mean Sea Level, ..*52*... ft.

within - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				#	.73	2.36					
February - -					1.60	1.80					
March - - -					1.90	1.31					
April - - -					1.26	.31					
May - - - -					1.50	2.84					
June - - - -					1.20	1.76					
July - - - -					.44	3.29					
August - - -					.94	2.63					
September -					1.30	.70					
October - - -					1.50	4.70					
November -					2.18	2.22					
December -					1.70	1.03					
TOTALS -					16.25	24.95					

C C

South Kyme

Rev. H. Sidney Newcombe

+ Ground 0.0 + Sea Level 9 ft

Within - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.06	1.09	1.60	2.61	.70	2.17	1.00	4.78	1.85	2.20	
February - -	1.50	1.70	.54	.27	2.10	1.58	2.11	1.05	1.53	1.91	
March - - -	2.32	1.50	3.55	.63	2.13	1.05	1.25	2.17	1.22	2.27	
April - - -	.57	1.57	1.41	1.30	1.15	.49	.78	2.09	1.76	2.21	
May - - -	3.11	1.62	1.71	.71	2.33	1.99	1.14	2.38	.41	4.35	
June - - -	4.09	3.55	1.71	1.91	1.56	1.25	3.50	1.01	.74	1.60	
July - - -	2.09	4.33	1.49	.71	.63	2.30	3.67	1.94	.43	.64	
August - - -	4.09	.39	1.68	1.61	1.29	2.00	3.09	2.25	2.70	1.87	#
September -	3.79	1.08	2.21	1.49	1.46	.46	3.43	1.59	2.40	3.30	
October - -	1.93	.76	2.09	2.37	1.07	4.56	1.43	2.02	2.34	.68	
November -	2.44	2.64	.92	2.06	2.64	1.66	1.81	.67	1.16	1.13	
December -	2.74	1.42	1.54	.80	1.46	.86	1.79	2.30	5.53	2.90	
TOTALS -	31.73	21.65	20.45	16.47	18.52	20.37	25.00	24.25	22.07	25.06	15.57

31.61

Expend for
* incl. Bnd

Expend for
* incl. Bnd

1868 - 20.35 Mar 20.3 Oct 27 20.4
but since then a few more have been added
Royal School garden

Sturton
 G. Nevile Newark
 Mr. J. Barrett (Gardener)

5 in 5 + ground 5 ft
 within - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			#	1.46	2.40	1.03	2.02	1.20	2.51	1.45	2.66
February - -			.36	.33	2.23	1.90	1.83	1.44	1.48	2.11	
March - - -			3.86	.66	2.05	1.45	1.54	2.29	1.59	2.39	
April - - -			2.10	1.28	.90	.46	1.34	3.00	1.24	2.36	
May - - - -			2.27	.63	1.65	2.61	1.11	3.61	.20	5.40	
June - - - -			1.36	3.32	1.20	1.59	2.66	1.37	.34	1.50	
July - - - -			1.18	.73	.41	3.66	3.18	2.08	.26	.63	
August - - -			2.45	2.26	.97	3.68	3.70	2.36	2.60	1.45	
September -			3.13	2.37	2.42	.21	4.22	1.17	2.15	2.22	
October - -			2.47	2.31	1.72	5.44	2.24	2.20	2.44	1.15	
November -			1.05	2.51	2.76	2.06	1.85	.86	1.26	1.86	
December -			1.28	.95	1.70	.73	1.91	2.03	5.74	3.82	
TOTALS -			22.97	19.75	19.04	25.81	26.78	24.92	20.75	27.55	

G on espalier in kitchen garden

1868 Dec. 23rd Bar: 28.3 Oct. 27th 28.4 never
 but once been so low since one week after the
 Royal Charter Gale

RAINFALL AT Haverley

Lincoln

W. Grantham

Observer.....Rev. J. Hays.....

Rain { By H. & L......

Gauge { Diameter.....in.

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

same as Lincoln Co. the Pond

Above Mean Sea Level.....ft.

Witham - 3.

YEAR.....										1869	MEANS.
January.....										2.13	
February										2.08	
March										2.64	
April.....										2.59	
May										5.10	
June.....										1.59	
July .....										.75	
August.....										1.40	
September.....										3.58	
October										1.67	
November.....										1.36	
December.....										3.88	
TOTALS										28.77	

C

Coleby
Lincolnshire

Rev. J. J. Penrose

Witham - 3.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	1.76	.35									
February - -	.51	1.53									
March - - -	2.09	1.37									
April - - - -	.59	.70									
May - - - -	3.62	.63									
June - - - -	2.77	3.49									
July - - - -	1.70	4.02									
August - - -	4.25	.09									
September -	3.14	1.17									
October - -	1.37	.66									
November -	1.96	2.11									
December -	2.62	1.13	£								
TOTALS -	26.38	17.33									

£ 2

RAINFALL AT Winningsby = Revesby Res.

WW Reservoir 13 m N of Boston

Lincoln.

Observer W. H. Whistler

Rain { By Gage

Gauge { Diameter 5 in.

Height above Ground, 6 ft. 6 in.

Above Mean Sea Level 164 ft.

Winningsby - 3.

YEAR.....									1868	1869	MEANS.
January.....									(1.80)	2.39	
February									(1.50)	1.98	
March									(1.20)	2.42	
April.....									# 2.26	1.66	
May .....									.36	5.04	
June.....									.86	1.33	
July .....									.49	.78	
August.....									2.42	2.38	
September.....									2.36	2.73	
October									2.87	1.67	
November.....									1.01	1.56	
December.....									4.58	3.61	
TOTALS									(21.70)	27.55	

C C

RAINFALL AT *Braunton Lincoln*
+ Longhills

60

Lincoln.

A. S. L. Melville Esq.

Rain { By
Gauge { Diameter.....*5*.....in. Height above Ground, ft. *9*..... in. Above Mean Sea Level, ft.

within -3.

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i># .86</i>	<i>2.80</i>	<i>1.85</i>	<i># 2.77</i>	
February							<i>2.10</i>	<i>1.98</i>	<i>1.54</i>	<i>1.90</i>	
March							<i>1.27</i>	<i>2.02</i>	<i>1.03</i>	<i>2.54</i>	
April							<i>1.20</i>	<i>2.83</i>	<i>1.69</i>	<i>2.57</i>	
May							<i>1.29</i>	<i>2.77</i>	<i>.38</i>	<i>5.12</i>	
June							<i>2.95</i>	<i>2.00</i>	<i>.52</i>	<i>1.56</i>	
July							<i>3.26</i>	<i>1.47</i>	<i>.30</i>	<i>.43</i>	
August							<i>3.76</i>	<i>2.69</i>	<i>2.44</i>	<i>1.55</i>	
September ...							<i>4.32</i>	<i>1.67</i>	<i>2.30</i>	<i>3.23</i>	
October							<i>2.16</i>	<i>2.06</i>	<i>2.04</i>	<i>1.42</i>	
November							<i>2.39</i>	<i>.85</i>	<i>1.01</i>	<i>1.61</i>	
December							<i>1.84</i>	<i>2.03</i>	<i>5.58</i>	<i>4.09</i>	
TOTALS							<i>27.48</i>	<i>24.31</i>	<i>20.68</i>	<i>28.78</i>	

27.15
1868 from Dec 11th kept at Longhills 1 m from Braunton

Homestead Vicarage
w. Spilsby

Rev W^H Milner Rural Dean

20 ft

+ ground 8 ft

+ Sea Level 100

witham - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					.84	1.47					
February - -					2.36	1.35					
March - - -					1.97	1.11					
April - - -					1.21	.30					
May - - - -					1.70	3.54					
June - - - -				[*] 1.30	1.29	1.15					
July - - - -				1.05	.51	3.13					
August - - -				2.03	2.61	1.65					
September -				2.54	1.93	.35					
October - -				3.16	2.31	7.61			[*]		
November -				^x 1.83	2.73	2.63					
December -				1.09	2.43	1.00					
TOTALS -					21.89	25.29					

* 1.05 full on 2nd

Rev W^H M died Oct 1868

Lincoln

No. S & L R

Lincoln.

" + ground 3¹/₂ in 26 ft + on 3 l

Wisham - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.46	.30	1.09	1.49	.83	1.28	.83	1.96	1.39	2.34	1.397
February - -	.85	1.45	.54	.11	1.40	1.12	1.60	1.44	1.59	1.65	1.175 -
March - - -	2.35	1.02	2.46	.59	1.85	.99	1.00	1.37	1.30	2.61	1.554
April - - -	.45	1.19	1.55	.92	.93	.42	.94	3.26	.96	2.15	1.277
May - - - -	3.50	.80	2.75	.42	1.41	1.91	1.21	3.02	.23	4.36	1.961
June - - - -	3.42	3.20	1.56	2.36	1.86	1.56	2.74	1.64	.49	1.25	2.008
July - - - -	2.14	2.96	1.81	1.02	.57	2.68	2.14	1.99	.41	.49	1.621
August - - -	4.29	.35	2.11	2.09	1.22	3.28	3.58	2.12	2.37	1.24	2.265 +
September -	2.43	1.13	2.72	2.56	1.60	.00	3.54	1.61	1.92	3.30	2.081
October - -	1.48	.82	1.71	2.34	1.72	5.13	2.06	2.04	2.21	.68	2.019
November -	1.77	2.61	.89	1.78	2.09	2.20	1.85	1.15	.94	1.13	1.641
December -	2.01	1.14	1.12	.96	1.51	.25	1.13	1.86	5.83	2.90	1.871
TOTALS -	27.15	16.97	20.31	16.64	16.99	20.82	22.62	23.46	19.64	24.10	20.870

Average (9 yrs) 20.51

Rainfall at Wainfleet

60

Lincoln

53° 4'

0° 12' E

D. J. Matthew

Diameter of Gauge, in.

Height above Ground, ft. 10 in.

Above Mean Sea Level, 15 ft.

Great Ban-It.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						1.98					
February - -						2.03					
March - - -						1.73					
April - - -						.27					
May - - - -						1.83					
June - - - -						1.72					
July - - - -						4.50					
August - - -						4.24					
September -						.44					
October - - -						5.92					
November - -						1.91					
December - -						1.20					
TOTALS - -						27.77					

C

Rainfall at Croft (Wainfleet)

3 m from sea on flat Lincoln.
Rev^d W. H. James

Diameter of Gauge, in.

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

Above Mean Sea Level, ft.

Great Eau - 44.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			1.36	2.30	.75						
February - -			.45	.34	1.99						
March - - -			3.02	1.16	1.91						
April - - -			1.35	1.30	.72						
May - - - -			2.11	.74	1.51						
June - - - -			2.21	2.12	.92						
July - - - -			1.42	.67	.52						
August - - -			1.01	2.63	1.42						
September -			2.51	2.06	2.53						
October - -			2.02	3.10	1.43						
November -			1.26	2.44	2.27						
December -			1.79	.92	1.67						
TOTALS -			20.51	19.78	17.04						

C 19.18 ✓
C C C

Rainfall at *Welton-le-Marsh*

60

Lincoln.

Rev^d Ar. Wright.

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

Height above Ground, *3*... ft. *6*.... in.

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

Great Basin - 4.
Basella

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					<i># .70</i>	<i>1.47</i>	<i>1.05</i>	<i>3.01</i>	<i>1.38</i>	<i>2.37</i>	
February - -					<i>1.70</i>	<i>2.12</i>	<i>2.04</i>	<i>1.81</i>	<i>1.46</i>	<i>1.89</i>	
March - - -					<i>1.46</i>	<i>1.34</i>	<i>1.25</i>	<i>2.47</i>	<i>.89</i>	<i>2.49</i>	
April - - -					<i>.80</i>	<i>.40</i>	<i>1.46</i>	<i>3.24</i>	<i>1.73</i>	<i>.87</i>	
May - - - -					<i>1.67</i>	<i>1.80</i>	<i>1.47</i>	<i>3.19</i>	<i>.26</i>	<i>5.85</i>	
June - - - -					<i>1.13</i>	<i>1.69</i>	<i>3.22</i>	<i>1.09</i>	<i>.09</i>	<i>1.41</i>	
July - - - -					<i>.69</i>	<i>4.36</i>	<i>3.65</i>	<i>2.97</i>	<i>.42</i>	<i>.47</i>	
August - - -					<i>1.32</i>	<i>4.41</i>	<i>3.52</i>	<i>1.73</i>	<i>3.50</i>	<i>1.99</i>	
September -					<i>2.02</i>	<i>.40</i>	<i>3.57</i>	<i>2.20</i>	<i>2.91</i>	<i>3.46</i>	
October - -					<i>1.52</i>	<i>5.27</i>	<i>1.41</i>	<i>1.92</i>	<i>3.13</i>	<i>1.52</i>	
November -					<i>2.59</i>	<i>2.02</i>	<i>2.33</i>	<i>.84</i>	<i>.93</i>	<i>1.48</i>	
December -					<i>1.71</i>	<i>1.02</i>	<i>2.18</i>	<i>2.20</i>	<i>5.22</i>	<i>3.81</i>	
TOTALS -					<i>17.31</i>	<i>26.30</i>	<i>27.15</i>	<i>26.67</i>	<i>21.92</i>	<i>27.61</i>	

c c c c c c

RAINFALL AT

South. *Georgetown**J. W. Wallis**Lincoln*Rain { By
Gauge { Diameter.....*2*.....in.Height above Ground, *5*.. ft. in.Above Mean Sea Level, *80*..... ft.*Great Bow St.*

YEAR						1865	1866	1867	1868	1869	MEANS.
January						# 2.33	1.49	4.20	2.22	2.63	
February						2.35	2.93	2.02	2.12	2.03	
March						2.50	2.29	2.14	1.78	2.68	
April .....						.63	1.74	2.48	2.49	1.77	
May						4.66	1.52	2.54	.38	6.34	
June						1.77	4.10	1.42	1.21	1.36	
July						2.52	4.01	2.47	.83	.64	
August						4.81	4.56	2.55	3.71	1.96	
September ...						.44	5.10	2.20	2.62	3.40	
October						5.29	1.71	2.56	3.24	2.09	
November ...						2.25	3.76	1.31	2.38	1.55	
December						1.11	2.02	2.93	6.82	4.83	
TOTALS.....						30.66	35.23	28.82	29.00	31.28	

c c c c c

1868 The fall in "DoS" exceeds that of May June
July and August put together

Market Rasen
M. S. & L. R.

60

Lincoln.

+ Ground 3rd bin 100 ft + m s l

Number - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.74	0.00	1.50	2.43	.53	1.58	1.36	3.47	2.37	2.89	1.995
February - -	.91	3.50	.92	.42	.60	1.75	2.00	1.73	1.73	2.01	1.557
March - - -	2.30	1.67	2.72	1.09	.97	1.18	1.76	2.08	.94	2.91	1.762
April - - -	.49	1.34	1.76	.38	.44	.50	2.05	2.07	1.68	1.57	1.228
May - - - -	2.51	2.22	1.82	.80	.54	4.53	1.15	2.58	.20	3.76	2.011
June - - - -	4.30	2.77	1.79	1.78	1.89	2.09	3.51	1.76	.30	1.76	2.195
July - - - -	1.93	3.22	1.83	.94	.25	1.89	2.64	2.87	.24	.63	1.644
August - - -	4.49	.37	1.29	1.78	1.47	2.97	3.61	2.63	2.52	2.15	2.328
September -	2.60	2.74	2.98	2.54	2.28	.04	6.39	1.36	2.22	2.35	2.550
October - -	1.92	.74	1.77	2.02	1.50	4.35	3.09	2.61	1.80	1.42	2.122
November -	2.29	3.97	1.01	1.77	2.64	1.95	3.19	1.46	2.09	1.65	2.202
December -	1.31	1.50	1.84	.78	1.56	.49	2.01	.82	5.26	2.78	1.835
TOTALS -	28.79	24.04	21.31	16.73	14.67	23.32	32.76	25.44	21.35	25.88	23.429

✓ C 2 C 0 - C C + C C C C

1868 Average (9 y^{rs}) 23.16

Brigg
M. S. & L. R.

Lincoln.

+ ground 31.6

16 ft + m s l

Number - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.55	.60	1.34	3.72	.81	1.68	1.48	2.05	1.34	2.20	1.877
February - -	1.11	2.49	1.09	.45	1.60	1.86	1.89	1.34	1.45	.94	1.422
March - - -	2.60	1.44	2.84	.76	1.27	1.18	1.50	2.64	1.02	1.33	1.658
April - - -	.79	.91	1.44	1.07	.95	.38	.90	2.79	1.76	1.44	1.243
May - - - -	3.37	1.06	1.55	.67	1.47	4.35	1.24	1.59	.69	3.55	1.954
June - - - -	4.40	2.51	2.03	1.80	1.91	.96	3.48	1.31	.46	1.45	2.031
July - - - -	1.72	4.34	2.18	1.96	.68	1.97	3.94	2.37	.44	.60	2.020
August - - -	3.96	.46	1.69	2.79	1.57	4.57	2.49	1.85	3.44	2.21	2.503
September -	2.14	2.68	4.10	3.57	2.44	.33	3.69	1.94	2.27	3.57	2.673
October - -	1.10	1.29	2.18	3.10	2.10	4.61	2.36	1.96	2.32	1.65	2.267
November -	2.52	3.25	.70	2.74	3.05	2.11	2.94	.70	1.85	1.13	2.107
December -	2.01	1.45	1.88	1.43	1.75	1.17	1.98	2.23	5.03	4.70	2.363
TOTALS -	29.27	22.48	23.02	24.06	19.60	25.17	27.89	22.85	22.07	24.77	24.118

+ C C C C C C C C C C

1868 9 yrs average 24.05

Lincoln

Grimby
M L & L R

+ Ground 15 ft. 42 ft + m s l

Number - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	1.94	1.01	1.16	2.97	.97	.62	1.80	1.87	1.34	2.49	1.625
February - -	1.48	1.44	.65	.35	1.43	1.18	2.20	1.10	1.53	1.52	1.208
March - - -	2.09	1.24	1.68	1.83	.86	1.82	1.48	1.63	1.97	2.10	1.670
April - - -	.74	1.22	.80	.36	.19	.57	1.16	2.42	2.29	1.66	1.141
May - - - -	2.13	.83	.96	.49	1.12	1.31	1.31	2.07	.22	4.73	1.517
June - - - -	2.79	2.80	1.98	1.95	1.19	1.25	3.49	1.33	.79	1.18	1.875
July - - - -	2.55	3.50	1.07	.43	.36	1.18	2.56	2.67	.72	.34	1.538
August - - -	2.45	.23	1.31	2.59	1.92	4.65	2.49	1.49	3.56	1.91	2.260
September -	2.58	1.13	2.52	4.11	1.36	.10	3.79	2.07	1.86	3.15	2.367 +
October - - -	.96	.66	1.29	2.36	1.67	4.33	1.68	1.90	2.59	1.92	1.936
November -	1.64	3.22	1.21	3.08	2.66	3.42	2.64	1.06	1.10	1.70	2.173
December -	.94	.98	1.71	.96	1.64	1.41	1.54	1.97	5.56	3.30	2.001
TOTALS -	22.29	18.26	17.34	21.48	15.37	21.84	26.22	21.58	23.53	26.00	21.391

1868 Average (9 yrs) 20.38

P. 1

Barnetby
M. S. & L. R.

Lincoln.

+ Ground 3^{ft} 6

51 ft + m s l

Number - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.00	.85	1.28	3.17	.42	1.58	1.35	1.51	1.58	2.61	1.735
February - -	.84	2.61	.75	.20	1.40	1.51	1.73	1.00	1.57	.94	1.263 -
March - - -	2.26	1.47	2.36	.83	1.50	1.02	1.21	1.75	1.26	2.12	1.578
April - - -	.88	1.01	1.34	.92	.84	.56	.85	1.99	1.98	2.28	1.265
May - - - -	2.35	.82	1.83	.58	1.20	2.85	1.19	1.39	.61	4.65	1.747
June - - - -	4.34	2.64	2.08	1.89	1.58	.80	3.11	1.12	.58	1.20	1.934
July - - - -	1.51	3.38	1.96	1.36	.48	2.03	2.95	2.15	.59	.47	1.688
August - - -	3.52	.42	1.47	3.84	1.56	4.33	2.27	2.10	2.94	1.58	2.403
September -	2.93	2.11	4.70	2.42	2.54	.25	3.14	1.63	1.86	4.04	2.562 +
October - - -	1.45	1.18	1.99	2.35	1.48	3.61	2.09	1.78	2.26	1.63	1.982
November - -	2.30	3.36	.79	2.00	2.32	1.62	2.41	1.20	1.75	1.30	1.905
December - -	1.66	1.30	1.55	1.41	1.71	.57	1.30	1.51	5.40	4.60	2.101
TOTALS -	27.04	21.15	22.10	20.97	17.03	20.73	23.60	19.21	22.38	27.42	22.163

1868 9 yr average 21.58

Rainfall at *Appleby Vicarage. (Linc.)*

Lat. $53^{\circ}37'N.$ Long. $2^{\circ}16'W.$

60

Lincoln.

Rev^d J. E. Croft

Diameter of Gauge, *5* in.

Height above Ground, ft. *9* in.

Above Mean Sea Level, *50* ft.

Number - 5. Howard's.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.88	1.27	1.31	3.12	.83	1.80	1.44	2.30	1.90	2.59	2.052
February - -	.97	2.35	1.17	.36	1.67	1.63	1.44	1.06	1.49	1.33	1.347
March - - -	2.65	1.68	2.93	.93	1.66	1.26	1.46	1.61	1.31	1.99	1.748
April - - -	.74	.81	1.43	.90	.92	1.19	.90	3.15	1.45	1.79	1.328 -
May - - - -	3.42	.96	2.09	.87	1.74	2.82	1.55	1.23	1.04	3.79	1.954
June - - - -	3.69	2.03	2.56	2.28	1.66	1.45	3.24	1.54	.53	1.50	2.048
July - - - -	2.14	4.07	2.20	1.89	.53	2.35	2.70	2.53	.56	.39	1.936
August - - -	4.50	.90	1.46	3.28	1.31	3.94	2.92	2.47	4.12	2.16	2.706 +
September -	2.39	2.01	3.28	2.24	2.18	.33	3.64	1.84	2.72	2.72	2.335
October - -	1.82	1.36	2.26	3.08	1.75	4.35	2.39	2.27	2.86	1.55	2.369
November -	2.85	3.17	.61	1.39	2.87	2.18	2.80	1.45	1.59	1.37	2.036
December -	1.77	1.60	1.53	1.70	1.75	.75	1.80	1.98	5.68	3.85	2.241
TOTALS -	30.82	22.21	22.83	22.04	18.87	24.13	26.36	23.43	25.25	25.03	24.097

+ C C C C C C C C C C

g on moon lawn, clear

RAINFALL AT *Killingholme* *Nic*

60

Lincoln

J Byron

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

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

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

Number 5.

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i>1.46</i>	<i>2.81</i>	<i>2.01</i>	<i>2.49</i>	
February							<i>2.04</i>	<i>1.23</i>	<i>1.66</i>	<i>1.56</i>	
March							<i>1.56</i>	<i>1.99</i>	<i>2.25</i>	<i>2.69</i>	
April							<i>.90</i>	<i>2.47</i>	<i>2.41</i>	<i>2.18</i>	
May							<i>1.61</i>	<i>1.59</i>	<i>.39</i>	<i>5.47</i>	
June.....							<i>3.89</i>	<i>1.54</i>	<i>.92</i>	<i>1.49</i>	
July							<i>3.51</i>	<i>2.03</i>	<i>1.10</i>	<i>.49</i>	
August							<i>3.04</i>	<i>2.16</i>	<i>2.50</i>	<i>2.32</i>	
September ...							<i>3.93</i>	<i>2.11</i>	<i>2.11</i>	<i>3.18</i>	
October.....							<i>2.46</i>	<i>2.30</i>	<i>2.64</i>	<i>2.09</i>	
November.....							<i>3.20</i>	<i>1.30</i>	<i>2.94</i>	<i>1.93</i>	
December							<i>1.66</i>	<i>2.81</i>	<i>6.22</i>	<i>4.72</i>	
TOTALS							<i>29.26</i>	<i>24.34</i>	<i>26.25</i>	<i>38.61</i>	

C C C C

132388

60

Lincoln

Toorily
Rainfall at Ferry Sluice

S. Bank of the Humber. 10 mi. above Hull.

Smith, Lock keeper.

His return

10 67

20

Diameter of Gauge, in.

Height above Ground, ft. 9 in.

Above Mean Sea Level, ft.

Humber. 5. Howards.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.23	1.43	3.21	.86	1.93	1.60	2.11	1.83	2.77	
February - -		2.35	1.00	.37	1.62	1.31	1.46	.87	1.45	1.20	
March - - -		1.72	2.68	1.02	1.81	1.50	2.15	1.65	1.35	2.36	
April - - -		.73	1.03	1.11	1.00	1.45	.79	2.44	1.98	1.53	
May - - - -		.57	2.44	.82	1.88	2.66	1.32	1.13	1.32	3.69	
June - - - -	2.53	3.31	1.82	2.16	1.14	.93	3.28	1.24	.64	1.15	
July - - - -	3.07	3.64	2.41	1.41	.27	1.00	2.32	2.02	.75	.30	
August - - -	4.39	.33	1.88	3.44	1.10	2.52	2.41	2.22	3.91	1.81	
September -	2.55	2.53	3.40	2.40	3.20	.67	3.41	2.03	1.41	2.18	
October - - -	1.62	1.00	2.31	2.53	1.63	4.85	2.17	1.84	2.69	1.84	
November - -	3.03	3.14	.83	2.27	2.56	2.04	2.82	1.24	1.64	1.58	
December - -	1.96	1.86	1.62	1.73	1.61	.44	1.80	1.74	5.79	3.39	
TOTALS -		22.41	22.85	22.47	18.68	21.30	25.53	20.53	24.76	23.80	

? 1867 doubtful as it differs so much from Appleby with which in previous years it agreed

New Holland
M. S. & L. R.

60
Lincoln.

+ ground 3^{ft} 6 10 ft + m s l

Number - 5:

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.18	.37	1.38	3.09	.83	1.37	1.30	2.35	1.60	2.42	1.789
February - -	.82	2.19	.92	.41	1.49	1.72	1.90	.89	1.66	1.40	1.340
March - - -	2.17	1.56	2.90	1.36	1.63	1.28	1.31	1.69	1.75	1.64	1.729
April - - -	.84	1.01	1.36	1.17	1.01	.59	.66	2.23	2.27	1.70	1.284 -
May - - - -	2.70	.74	1.21	.87	1.17	2.76	1.17	1.56	.47	4.48	1.713
June - - - -	4.66	3.30	2.18	1.79	1.12	1.13	3.39	1.17	.89	.95	2.058
July - - - -	1.20	3.71	1.72	1.65	.27	1.77	2.22	2.53	.84	.17	1.608
August - - -	4.52	.53	1.93	2.80	1.40	4.91	2.50	1.44	3.08	1.83	2.494 +
September -	2.35	2.22	3.46	2.21	2.05	.22	3.90	1.71	1.74	2.55	2.241
October - -	1.37	1.03	2.15	2.78	1.97	4.15	2.02	1.50	2.55	1.39	2.091
November -	2.71	2.82	.89	2.58	2.12	2.07	2.96	1.29	1.78	1.51	2.073
December -	1.96	1.25	1.52	1.81	2.17	.79	1.51	2.18	5.99	3.27	2.245
TOTALS -	28.48	20.73	21.62	22.52	17.23	22.76	24.84	20.54	24.62	23.31	22.665

+ & c c + c c c c c

1868 average (9 y^r) 22.59

Gate Burton
M. S. & L. R.

Lincoln

+ ground

96 ft + m s l

Trent - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		.94	1.04	1.53	.75	1.56	1.29	2.44	1.63	2.58	
February - -		2.53	.96	.23	1.25	1.69	2.04	1.16	1.74	1.40	
March - - -		1.96	3.17	.74	1.63	1.37	1.25	2.22	1.04	2.38	
April - - -		.47	1.07	1.70	.59	1.07	.95	1.47	2.29	1.50	2.13
May - - - -	2.51	.56	2.39	.50	2.32	2.60	1.17	2.16	1.12	5.61	
June - - - -	4.01	3.54	1.74	3.12	1.63	1.69	2.93	2.24	.74	1.54	
July - - - -	1.94	3.74	2.15	1.56	.57	2.05	2.56	3.01	.46	.33	
August - - -	4.93	.53	1.70	1.96	1.83	3.65	2.71	2.38	3.56	2.11	
September -	3.24	1.64	4.40	2.01	1.75	.22	3.69	1.50	2.82	3.68	
October - - -	1.71	.94	2.21	2.82	2.11	5.00	2.54	1.73	2.05	1.76	
November - -	2.11	2.50	.78	2.11	2.53	2.41	2.30	.86	1.43	1.09	
December - -	2.39	1.29	1.29	1.46	1.55	.65	1.52	2.00	5.76	3.63	2.154
TOTALS -		21.24	23.53	18.63	18.99	23.84	25.47	23.99	23.85	28.24	

1868 Average (8 yrs) 22.41

Gainsborough

C. Z

60

Lincoln.

Thos. Dyson

Wys. Met. No. 21

8 ft + ground; Diam: 12 in; + Sea Level 30 65
Trent - 6 45 62 64
38 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.97	.28	.92	2.32	.63	1.71	1.40	2.22			
February - -	.90	2.33	.81	.25	1.87	1.31	1.91	.87			
March - - -	2.46	1.75	2.83	.65	1.54	1.37	1.35	2.02			
April - - -	.66	1.00	1.21	.80	.82	.89	1.51	2.50			
May - - - -	3.41	.66	2.72	.47	1.58	3.04	1.42	2.01			
June - - - -	3.15	2.72	1.14	2.20	1.10	1.56	3.04	2.13			
July - - - -	2.87	4.53	1.93	1.68	.62	2.74	2.66	2.25			
August - - -	4.27	.53	1.49	2.69	2.50	3.17	2.75	2.67			
September -	3.73	1.46	4.01	1.95	1.48	.19	3.28	2.13			
October - - -	1.25	1.05	2.22	2.02	2.23	4.42	2.56	1.13			
November - -	1.96	2.36	.82	2.10	2.55	1.99	2.43	.96			
December - -	2.12	1.14	.39	1.42	1.71	.67	1.66	1.82			
TOTALS -	29.75	19.81	20.49	18.55	18.63	23.06	25.97	22.71			

C C C C C C C C

1868 Average (9 yrs) 21.26

Gainsborough
M. S. & L. R.

+ ground 3^{ft} 6 in 76 ft + m s l

Trent - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.04	.19	.97	2.09	.84	1.40	1.05	1.72	1.01	1.84	1.415
February - -	.53	2.42	.91	.22	1.05	1.30	1.77	.46	1.12	.91	1.069 -
March - - -	2.01	1.40	3.04	.55	1.42	.64	.59	1.69	.65	1.12	1.311
April - - -	.46	1.02	1.17	.66	.89	.71	1.65	2.00	.94	2.02	1.152
May - - - -	2.83	.70	2.66	.41	1.71	2.70	1.18	1.67	.94	4.38	1.918
June - - - -	3.19	3.07	1.29	2.42	1.09	1.48	2.89	1.66	.55	1.86	1.950
July - - - -	2.81	4.26	1.83	1.78	.65	2.81	2.34	2.17	.21	.22	1.908
August - - -	4.75	.38	1.25	2.86	3.49	3.32	2.18	2.87	5.23	2.68	2.901 +
September -	3.60	1.39	4.47	2.02	1.44	.17	3.25	1.46	2.83	3.12	2.375
October - -	1.11	1.08	1.97	2.36	2.14	4.33	2.40	1.55	1.78	1.31	2.003
November -	2.56	2.44	.72	1.78	2.33	2.07	1.97	.83	.75	1.30	1.675
December -	2.42	1.20	1.48	1.37	1.05	.56	.97	1.58	5.10	4.49	1.982
TOTALS -	29.31	19.55	21.36	18.52	18.10	21.49	22.24	19.66	21.11	25.25	21.659

1868 | Average (9 yr) 21.26

Stockwith

M. S. & L. R.

60

Lincoln

+ ground 3rd 6 in 21 ft + in s l

Trent - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.63	0.00	.85	2.66	.68	1.16	1.23	1.78	1.58	2.64	1.621
February - -	.64	1.88	.70	.27	1.37	1.27	1.98	.80	1.30	1.27	1.148 -
March - - -	1.72	1.52	2.96	.53	1.17	1.30	1.08	1.57	1.00	1.48	1.433
April - - -	.71	.82	1.03	.63	.76	1.15	1.24	2.66	1.36	1.50	1.186
May - - - -	2.96	.74	2.29	.55	1.59	3.44	1.43	2.01	1.00	4.55	2.056
June - - - -	2.93	2.50	1.40	2.74	1.12	1.56	3.10	2.31	.45	1.12	1.923
July - - - -	1.77	3.83	1.78	1.52	.53	2.13	3.12	2.75	.33	.23	1.799
August - - -	4.28	.49	1.73	3.44	2.11	2.36	2.43	3.07	3.35	2.00	2.526 +
September -	2.88	1.62	3.16	2.06	1.85	.21	3.00	1.63	2.76	2.23	2.140
October - -	1.35	1.36	2.06	2.72	2.03	3.97	2.15	1.54	2.10	1.35	2.063
November -	2.19	2.48	.69	1.75	2.39	2.00	2.21	.92	.92	1.22	1.677
December -	1.40	1.01	1.06	1.13	1.53	.51	1.44	1.53	5.33	2.81	1.775
TOTALS -	26.46	18.25	19.71	20.00	17.13	21.06	24.41	22.57	21.48	22.40	21.347

+ c c c c - c c c c c

Average 12 yrs 21.43

Highfield House.

60

Nottingham

E J Lowe

8 in + ground 0.6 in + Sea Level 162 feet
Trent, 2 bank - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.35	.85	1.56	2.00	.74		1.66				
February - -	2.14	2.72	.84	.39	1.69		1.90				
March - - -	2.26	3.43	3.38	.29	2.56		1.90				
April - - -	.60	1.69	1.58	1.42	2.19		.53				
May - - -	3.89	1.20	3.44	.54	1.40		1.76				
June - - -	4.92	1.70	1.47	3.42	1.32		3.61				
July - - -	1.51	3.46	1.40	1.25	.52		2.46				
August - -	6.28	.56	2.41	2.70	1.10		3.90				
September -	3.26	1.93	3.80	1.80	1.00		5.16				
October - -	2.62	1.35	2.43	2.32	1.68		2.62				
November -	2.39	2.03	.46	1.43	2.14		2.57				
December -	2.66	1.41	1.11	.64	1.20		2.12				
TOTALS -	35.88	22.33	23.88	18.20	17.54	23.3	30.19	29.8	27.1	28.0	

2 2 2 C 2 (C

not quite reliable
get support

High School House

Nottingham

E. J. Lowe

20 62

186

184 66

8 in + ground 25 ft 66 + Sea Level 187 ft 61

Trent, L bank - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.50	.69	1.19	1.89	.67		1.52				
February - -	.81	2.48	.60	.33	1.49		1.77				
March - - -	1.99	2.84	3.04	.27	2.29		1.66				
April - - - -	.51	1.19	1.35	1.30	2.08		.48				
May - - - - -	3.32	.93	3.10	.41	1.29		1.52				
June - - - - -	3.25	1.49	1.26	3.24	1.26		3.34				
July - - - - -	1.27	3.44	1.32	1.04	.52		2.30				
August - - -	5.56	.54	2.31	2.41	1.06		3.70				
September -	2.80	1.91	3.70	1.73	.95		4.97				
October - - -	2.15	1.26	2.21	2.28	1.59		2.52				
November - -	2.13	1.94	.40	1.42	2.10		2.50				
December - -	2.34	1.40	1.00	.63	1.16		2.08				
TOTALS -	28.71	20.01	21.48	16.95	16.46		28.36				

x 5 2 c 2 c

RAINFALL AT

Nottingham Park
W. Chapman

Wotton

Rain { By

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

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

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

Trunk, L bank - 5.

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i>1.51</i>	<i>2.50</i>	<i>1.85</i>	<i>2.18</i>	
February							<i>1.97</i>	<i>1.92</i>	<i>1.80</i>	<i>2.37</i>	
March							<i>1.77</i>	<i>2.68</i>	<i>2.87</i>	<i>2.75</i>	
April							<i>.71</i>	<i>2.73</i>	<i>1.23</i>	<i>1.31</i>	
May							<i>1.09</i>	<i>1.74</i>	<i>1.39</i>	<i>4.58</i>	
June.....							<i>3.63</i>	<i>3.29</i>	<i>.31</i>	<i>1.07</i>	
July							<i>2.73</i>	<i>2.58</i>	<i>.21</i>	<i>.22</i>	
August.....							<i>3.80</i>	<i>2.91</i>	<i>4.01</i>	<i>1.74</i>	
September ...							<i>5.17</i>	<i>2.73</i>	<i>1.91</i>	<i>4.36</i>	
October.....							<i>2.37</i>	<i>2.30</i>	<i>2.08</i>	<i>1.68</i>	
November.....							<i>2.61</i>	<i>.61</i>	<i>1.51</i>	<i>1.82</i>	
December.....							<i>2.02</i>	<i>2.09</i>	<i>6.62</i>	<i>3.68</i>	
TOTALS							<i>29.38</i>	<i>28.08</i>	<i>25.79</i>	<i>27.76</i>	

C C C C

RAINFALL AT Birmingham

60

Mr O Tarbotton Esq J. J. S.

Arboretum

Kottis.

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

Height above Ground, ft. 5 in.

Above Mean Sea Level, 238 ft.

Treat. L bank - 5.

YEAR							1867	1868	1869	MEANS.
January							[#] 2.56	1.86	2.28	
February							1.83	1.62	2.32	
March							2.61	2.79	2.82	
April							3.60	1.53	1.59	
May							2.64	1.44	4.65	
June							3.38	.29	.91	
July							3.11	16	.28	
August							2.51	3.77	1.56	
September ...							2.65	1.98	4.37	
October							2.27	2.59	1.49	
November ...							.64	.74	1.80	
December							2.10	6.56	3.68	
TOTALS							29.90	25.33	27.75	

RAINFALL AT *Notttingham*
Arboretum

Wotts.

Observer *M. D. Tarbotton C.E. J. L.*

Rain { By.....

Gauge { Diameter.....*0*.....in.

Height above Ground, *25* ft. *6* in.

Above Mean Sea Level, *238* ft. *to ground level*

Trunk, 2 bank 5.

YEAR.....									<i>1868</i>	<i>1869</i>	MEANS.
January.....									<i>1.65</i>	<i>2.11</i>	
February									<i>1.54</i>	<i>2.14</i>	
March									<i>2.68</i>	<i>2.79</i>	
April									<i>1.43</i>	<i>1.55</i>	
May									<i>1.43</i>	<i>4.49</i>	
June									<i>.29</i>	<i>.90</i>	
July									<i>.17</i>	<i>.26</i>	
August									<i>3.82</i>	<i>1.53</i>	
September.....									<i>2.03</i>	<i>4.24</i>	
October									<i>2.48</i>	<i>1.45</i>	
November.....									<i>.69</i>	<i>1.74</i>	
December									<i>6.34</i>	<i>3.42</i>	
TOTALS									<i>24.55</i>	<i>26.62</i>	

c c

RAINFALL AT

Nottingham

H. & R.

Gedling 4 m NE of

Notts.

Observer... G. W. Forster

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

Height above Ground, 3 ft 6 in. 3 in.

Above Mean Sea Level.....ft.

Front. Bank - 5.

YEAR.....									1868	1869	MEANS.
January.....									1.74	2.80	
February.....									2.05	2.19	
March.....									1.20	2.43	
April.....									1.35	1.68	
May.....									.21	(5.00)	
June.....									1.32	.96	
July.....									18	.84	
August.....									3.67	1.41	
September.....									2.03	4.94	
October.....									2.77	1.11	
November.....									.82	1.94	
December.....									6.05	3.97	
TOTALS.....									23.39	(29.17)	

1869 Unfortunately the record for May has been
mislaid G. W. &

RAINFALL AT

Put-hall

60

Pro J. J. Evans

Notes.

Rain { By *N. & G.*
Gauge { Diameter *5* in.

Clear except in NE where gable 9 ft high 9 ft off

Height above Ground, *2* ft. in. Above Mean Sea Level, *300* ft.

Trent, L bank 5.

YEAR.....						1865	1866				MEANS.
January											
February											
March											
April											
May											
June.....						<i>#</i> 1.68	4.67				
July						4.05	3.21				
August						4.54	3.86				
September ...						.27	5.25				
October.....						5.21	3.02				
November.....						2.15	2.70				
December.....							2.18		<i>#</i>		
TOTALS											

C C

Sample

Boston

Southwell

Notes.

N Sherbrooke

2 67

3 64

Dial 52 in + ground 2 ft 65 68 + Sea Level

Front. Lbank - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			.76	2.00	.57	1.23	1.20	3.04	1.97	2.49	
February - -			.75	.42	1.69	1.66	1.91	1.70	2.65	2.45	
March - - -			2.74	.37	1.78	.56	.99	2.12	1.82	3.02	
April - - - -			.96	1.04	1.10	.61	1.30	2.78	1.04	1.61	
May - - - - -			2.77	.62	2.06	3.43	1.25	3.02	1.35	5.53	
June - - - - -			1.94	2.40	.79	1.51	2.79	2.14	.41	1.00	
July - - - - -			1.66	1.08	.26	3.51	2.84	3.18	.20	.61	
August - - -			1.50	2.41	1.38	3.00	3.40	2.23	4.08	1.31	
September -			3.81	2.07	2.39	.19	4.29	2.29	2.32	4.73	
October - - -			2.06	2.38	1.95	4.00	3.58	2.29	3.07	1.25	
November - -			.28	1.01	2.68	2.01	2.06	.77	1.03	1.70	
December - -			1.22	1.13	1.35	.60	1.85	1.53	6.79	3.99	
TOTALS -			20.45	17.81	18.00	23.99	27.46	27.09	26.73	29.85	










Southwell

Notts

Notts.

In balow 62 ft

W.W. Waltham clay

6 in + ground 1 ft

+ Sea Level 200?

Trent, bank - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.57	.25	1.03	1.49	.88	1.57	1.02	2.42	1.63	2.05	1.491
February - -	.78	2.09	.57	.39	1.51	1.50	1.76	1.12	1.62	2.01	1.335
March - - -	1.86	2.05	2.56	.46	2.17	.95	1.19	2.07	1.24	2.07	1.662
April - - - -	.39	1.35	1.18	.84	1.08	.51	1.16	2.23	.88	1.45	1.107 -
May - - - -	2.85	1.47	2.72	.49	1.83	1.87	1.11	2.31	1.09	4.03	1.977
June - - - -	3.26	2.05	1.89	1.83	1.10	1.66	2.35	2.07	.39	1.70	1.770
July - - - -	2.04	3.74	1.37	1.05	.25	1.95	2.63	2.77	.19	.71	1.670
August - - -	4.59	.31	1.40	1.53	1.23	3.79	2.75	1.51	2.81	1.03	2.095
September -	2.54	1.67	3.63	1.76	2.21	.21	3.51	2.11	1.90	3.84	2.338 +
October - -	1.64	1.46	1.82	2.24	1.87	4.27	2.98	1.83	2.28	1.19	2.158
November -	1.58	1.86	.45	1.41	1.98	1.62	1.71	.72	.99	1.34	1.366
December -	1.96	1.19	.94	.97	1.30	.35	1.66	1.56	5.74	3.08	1.875
TOTALS -	26.06	19.49	19.56	14.46	17.41	20.25	23.83	22.72	20.76	23.90	20.844

1862 Average of 15 years = 20.500

Discarded in Notts map XI.09

RAINFALL AT Edmundstone

Notes.

Ollerton 7 miles NE of Mansfield

Observer.....Henry Horncastle.....

Lat 53° 11' 1/2" Lon 1° 4' W

Rain { By.....Bar. & T......

Gauge { Diameter.....1.2.....in.

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

Above Mean Sea Level.....ft.

2207

1807

Instr. L. bank - 5.

YEAR.....									1868	1869	MEANS.
January.....									1.92	2.89	
February									1.92	1.63	
March									1.36	2.20	
April.....									1.45	1.33	
May									1.08	5.30	
June.....									.39	1.08	
July .....									.37	.16	
August									4.01	2.01	
September.....									2.25	3.69	
October									2.28	1.15	
November.....									.90	1.65	
December.....									6.93	4.40	
TOTALS									24.86	27.49	

C

C

124109

60

Welbeck Abbey
Notts

Notts.

Mr. Tillery

3 10 65, 66
3 64

5 in + Ground 4 feet + Sea Level

Trent, L. bank - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.62	1.46	.87	2.32	1.03	2.03	1.03	1.88	1.54	2.32	1.710
February - -	.69	2.11	.56	.38	1.32	1.69	2.39	1.25	1.92	1.51	1.382
March - - -	1.94	3.03	3.68	.62	2.03	.69	1.31	2.40	1.11	2.23	1.904
April - - -	.84	1.56	1.42	.48	1.34	.95	1.32	3.04	1.31	1.25	1.351
May - - - -	3.21	1.08	2.38	.53	4.18	3.21	.65	2.35	1.20	6.28	2.507
June - - - -	3.11	4.81	1.74	2.88	1.33	1.08	3.40	2.25	.23	.38	2.121
July - - - -	1.89	4.54	1.83	1.34	1.17	2.86	3.04	3.39	.19	.03	2.028
August - - -	5.78	.86	1.95	2.53	1.89	3.74	3.24	3.31	3.40	1.90	2.860 +
September -	2.98	1.86	3.78	2.78	1.93	.58	3.83	2.10	2.22	4.36	2.642
October - -	1.86	1.16	3.14	2.85	2.94	4.86	2.84	2.92	2.49	1.26	2.542
November -	2.13	2.26	.98	2.21	2.21	2.21	2.07	.89	.92	1.61	1.749
December -	2.49	.43	.44	.63	1.23	.61	1.56	1.51	6.13	3.37	1.840
TOTALS -	30.54	24.46	22.77	19.55	22.60	24.57	26.68	26.39	22.66	26.50	24.636

+ C C C - C C C C C C C

1868 The fall in August & Dec. was very nearly equal to that of all the other 10 months. The fall in Dec. caused serious floods in the whole of the Trent Valley.

1869 It has been doubted whether any frost occur in July or August sufficiently severe to injure vegetation but this year on the 31st of August Dahlias & Potatoes in exposed situations were quite blackened by the frost.

MET OR RAINMASTER
RETROS.

124109

NGR: SK(43) 564743

ALT: 170 ft = 52 metres. Date of review

3-8-78

Workshop
M. S. & L. R.

Notes.

+ ground 3' 6 in 127 ft + m s l

Trout, L. Bank - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.29	0.00	.95	2.89	.63	1.37	1.57	2.02	1.87	1.14	1.573
February - -	1.54	3.08	.72	.22	1.48	1.57	2.05	1.01	1.75	2.48	1.590
March - - -	1.90	2.61	3.40	.62	2.40	.84	1.36	2.07	1.24	.68	1.712
April - - -	1.59	1.35	1.08	.62	1.60	.74	.82	2.51	1.25	1.92	1.248 -
May - - - -	2.78	1.39	2.39	.56	1.33	2.70	.73	1.82	1.06	5.59	2.035
June - - - -	3.93	2.22	1.54	3.55	.97	1.19	3.15	1.96	.09	1.05	1.965
July - - - -	2.55	3.19	1.57	1.64	.71	3.76	3.18	2.07	Nil	.10	1.877
August - - -	5.53	.23	1.84	2.24	1.30	2.74	2.88	3.35	2.39	1.40	2.390
September -	2.38	1.69	3.87	2.35	1.54	.08	3.45	.65	.96	3.32	2.429
October - -	1.97	1.45	2.53	3.16	2.61	4.81	3.59	2.05	2.23	1.33	2.573 +
November -	2.48	2.06	.61	1.38	1.97	1.47	2.73	.90	.87	1.68	1.615
December -	1.67	1.14	.96	1.19	1.14	.66	1.62	1.42	5.76	3.06	1.862
TOTALS -	30.61	20.41	21.46	20.42	17.68	21.93	27.13	21.83	19.47	23.75	22.469
	+C	-C	-C	-C	-C	-C	-C	-C	-C	-C	

1868 Average (13 yrs) 22.79

Netford
M. S. & L. R.

Watts.

Trent, L. bank - 5.

+ ground

52 ft + m. s. l.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.44	.30	.95	1.91	.76	2.08	1.24	1.53	1.74	2.23	1.618
February - -	.53	2.27	.72	.26	1.47	1.34	2.09	1.18	1.12	1.33	1.231
March - - -	2.07	2.17	3.05	.60	1.58	1.18	1.23	1.94	1.47	1.57	1.686
April - - -	.54	1.19	1.28	.61	1.10	1.07	1.13	2.46	1.58	1.29	1.225 -
May - - - -	2.50	.79	2.51	.46	4.73	3.15	1.03	2.23	1.66	4.68	2.374
June - - - -	2.10	2.69	1.62	2.72	2.62	.47	3.02	2.31	.34	.99	1.888
July - - - -	2.07	3.45	2.02	1.39	.90	2.71	3.01	3.03	.09	.30	1.897
August - - -	4.75	.29	2.09	2.30	1.59	2.38	3.07	3.17	3.59	1.61	2.484 +
September -	3.86	1.47	4.21	2.25	2.03	.14	3.19	2.05	1.50	2.74	2.344
October - -	1.64	1.42	1.80	3.21	2.46	4.76	2.80	1.67	2.26	1.43	2.345
November -	2.17	2.43	.86	2.02	2.42	2.07	2.02	.87	.94	1.52	1.732
December -	2.46	1.26	1.04	1.21	1.30	.51	1.22	1.49	5.38	3.32	1.919
TOTALS -	28.13	19.73	22.15	18.94	22.96	21.86	25.05	23.93	21.67	23.01	22.743

+ see note

1868 Storage (13¹/₂) 22.59

1860 January given as 3.38 in newspaper cutting

" June " " 2.07 "

" Total " " 28.04 "

1865 January " " 1.97 "

" March " " 1.20 "

" June " " 1.47 "

" Total " " 22.77 "

I have no doubt that 1.47 is correct for June 1865 *Watts*

East Nethford

60

notts.

John S. Percy

+ ground 2 ft 64
3 ft 63 + Sea level 50 ft

Trent, L bank - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.27	.18	.67	2.14	.86	1.96	1.24	1.91			
February - -	.60	2.17	.64	.30	1.46	1.61		1.06			
March - - -	2.11	2.12	3.45	.58	2.09	1.44	1.28				
April - - -	.54	1.16	1.45	.59	1.18	1.07	1.21	2.48			
May - - - -	2.34	.79	2.58	.46	4.74	3.21	1.04	2.44			
June - - - -	2.30	2.76	1.68	2.76	1.88	1.45	3.01				
July - - - -	2.09	3.57	2.04	1.37	1.07	2.86	2.91	3.15			
August - - -	4.06	.32	2.06	2.57	1.76	2.47	2.86	3.11			
September -	3.04	1.52	4.14	2.65	2.02	.16	3.54	2.02			
October - - -	1.58	1.34	2.15	2.91	2.91	4.79	2.74	1.71			
November - -	2.16	2.35	.85	2.16	2.16	2.09	1.96				
December - -	2.44	1.28	.98	1.14	1.97	.63	1.67				
TOTALS -	28.13	19.56	22.69	19.63	24.10	23.74					

2 2 2 2 2 2

1866 & 1867 taken from W. Percy's MS. presented to Met. Soc.

RAINFALL AT *Retford Babworth Gardens*

Notto.

Observer *Mr. J. Douglas*

Rain { By

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Trent, 2 bank- 5.

YEAR.....									1868	1869	MEANS.
January.....									(1.84)	2.37	4.21
February									(1.19)	1.59	2.78
March									(1.56)	1.48	3.04
April									(1.68)	1.63	3.31
May									(1.76)	3.52	5.28
June.....									(.36)	.91	1.27
July									(.10)	.32	.42
August.....									(3.81)	1.96	5.77
September.....									(1.59)	2.64	4.23
October									(2.40)	1.87	4.27
November.....									(1.00)	1.73	2.73
December									(5.71)	3.41	9.12
TOTALS									(23.00)	23.49	46.43

est. 27 x .09 (Notto Map)

*monthly figs. computed from
Retford (Great Central Rl.)*

West Bedford Rectory.

Rev^d Chas. D. Butler, Rector.

Map Rect No. 24,

Diam 8 in. + ground 6 in
Trent, L bank - 5.

+ Sea Level 50 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.14	.23	1.05	2.00	.87	1.00	1.25	1.88			
February - -	.76	2.17	.71	.26	1.16	1.76	2.25	.96			
March - - -	2.18	2.11	3.18	.58	2.19	1.40	1.22				
April - - -	.60	1.14	1.40	.60	1.23	1.06	1.27	2.46			
May - - - -	2.28	.83	2.49	.45	4.55	3.20	1.07	2.57			
June - - - -	2.44	3.05	1.65	2.73	1.74	1.33	2.99	2.15			
July - - - -	2.08	3.16	1.94	1.40	1.01	2.77	2.70	3.32			
August - - -	4.64	.32	2.28	2.38	1.80	2.56	2.73	3.10			
September -	3.72	1.67	3.96	2.61	1.99	.16	3.53	2.00			
October - -	1.60	1.33	1.99	2.86	2.62	4.76	2.68	1.73			
November -	2.17	2.01	.86	1.99	2.41	2.04	1.89				
December -	2.59	1.29	1.11	1.32	1.91	.68	1.57				
TOTALS -	28.20	19.31	22.62	19.18	23.48	23.52					

1866 & 1867 taken from W. Piercy's ms. presented to Hist. Soc.

Rainfall at Highfield House

Observations have been taken twice every day

since January 1843

In 1840 Mr. Tillyer commenced observations at Welbeck Abbey which have been continued to the present time

It is proposed in discussing the rainfall in Nottinghamshire to take advantage of these observations as well as those made by Mr. Parbottan at Nottingham Mr. Sherbrooke at Oxted & others.

The Rainfall at Welbeck in 1840 1841 & 1842 in each month was:-

month	1840	1841	1842
Jan.	2.7	2.0	1.9
Feb.	2.4	1.4	0.7
March	0.0	1.0	2.5
April	0.9	1.6	1.6
May	3.5	2.0	2.6
June	1.0	4.3	1.7
July	2.6	2.7	2.5
Aug.	1.3	3.0	1.8
Sept.	2.6	3.3	2.6
Oct.	1.1	4.0	1.2
Nov.	5.4	2.8	3.9
Dec.	0.7	1.9	0.7
year	24.2	30.0	23.7
1 st Quarter	5.1	4.4	5.1
2 nd Quarter	5.4	7.9	5.9
3 rd Quarter	6.5	9.0	6.9
4 th Quarter	7.2	8.7	5.8

1878

Jan 2.0
Feb 1.1 } 3.7
March 0.6

April 1.3
May 4.4 } 8.4
June 2.7

July 2.6
Aug ~~5.9 (to 20)~~ } ~~8.1~~ 8.5
8-8

1st half = 12.1

20.6

1878	2-6	3-1	4-5	7-5	1-8	3-2	4-8	9-8	17-3	30-2
1876	1-3	1-7	4-5	7-5	1-8	3-2	4-8	9-8	17-3	30-2
1877	2-4	4-0	2-0	8-4	1-8	2-5	2-0	6-3	14-7	29-5
Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
1843	1-8	1-7	0-4	3-9	3-8	2-1	0-6	6-5	10-4	22-0
1844	1-4	2-3	2-7	6-4	1-6	3-4	0-4	5-4	11-8	20-9
1845	3-7	4-8	1-5	10-0	1-7	1-6	4-0	7-3	16-8	28-8
1846	2-8	3-3	1-3	7-4	4-3	0-7	1-2	6-3	13-7	24-4
1847	0-7	1-4	2-2	4-3	2-4	2-0	3-8	8-2	12-5	25-4
1848	3-4	4-8	3-5	11-7	4-7	0-7	2-4	7-8	19-5	36-2
1849	2-3	1-7	5-0	9-0	3-1	1-4	3-9	8-4	17-4	28-5
1850	4-1	1-0	2-0	7-1	2-1	2-9	1-7	6-7	13-8	21-9
1851	3-4	2-1	1-5	7-0	2-1	1-4	1-6	5-1	12-1	24-0
1852	2-7	3-3	5-6	11-6	2-9	7-0	2-0	11-9	23-5	35-9
1853	2-9	4-3	2-1	9-3	3-3	2-6	0-6	6-5	15-8	28-4
1854	2-1	1-4	0-9	4-4	0-9	1-8	2-4	5-1	9-5	17-1
1855	4-6	1-1	0-7	6-4	4-7	1-0	0-8	6-5	12-9	21-3
1856	2-6	4-0	2-6	9-2	3-8	1-9	1-8	7-5	16-7	30-2
1857	1-7	6-2	3-0	10-9	2-3	1-2	0-4	3-9	14-8	27-7
1858	1-2	3-0	2-3	6-3	3-4	0-7	1-9	6-0	12-5	18-7
1859	0-7	3-0	3-0	6-7	2-1	1-7	1-9	5-4	12-4	22-2
1860	1-5	6-3	3-3	11-1	3-3	2-4	2-6	8-3	19-4	33-2
1861	3-5	0-5	1-9	5-9	1-4	2-2	1-5	5-1	11-8	22-5
1862	1-4	2-4	3-8	7-6	2-4	0-5	1-1	4-0	11-6	23-9
1863	1-2	2-7	1-8	5-7	2-3	1-4	0-6	4-3	10-0	18-0
1864	0-5	1-1	1-0	2-6	1-6	2-1	1-2	4-9	7-5	17-4
1865	2-4	4-4	0-1	6-9	4-7	1-8	0-6	7-1	14-0	23-3
1866	2-5	3-9	5-2	11-6	2-6	2-6	2-8	7-3	18-9	30-3
1867	3-1	2-5	2-6	8-2	2-3	0-6	2-1	5-0	13-2	29-8
1868	0-1	4-2	2-3	6-6	2-6	0-8	6-6	10-0	16-6	27-1
1869	0-1	1-6	4-4	6-1	1-5	1-8	3-9	7-2	13-3	28-0
1870	1-2	1-1	1-2	3-5	3-8	1-6	2-6	8-0	11-5	18-3
1871	4-4	1-2	4-7	10-3	2-0	1-2	1-3	4-5	14-8	26-8
1872	7-4	3-3	2-9	13-6	4-1	3-0	3-6	10-7	24-3	40-4
1873	2-9	2-9	1-8	7-6	1-6	2-7	0-2	4-5	12-1	23-7
1874	0-8	2-4	2-2	5-4	1-8	2-4	1-7	5-9	1-3	20-1
1875	6-4	4-5	3-2	14-2	5-4	3-8	1-0	10-2	24-4	34-9
mean	2-3	2-8	2-5	7-6	2-7	1-9	2-0	6-6	14-2	25-6
max	7-4	6-3	5-6	13-6	4-7	7-0	6-6	11-9	24-3	40-4
1872	1860	1852	1872	3 yrs	1852	1868	1852	1872	1872	1872
min	0-1	0-5	0-1	2-6	0-9	0-5	0-2	3-9	7-5	17-4
1868	1861	1865	1864	1854	1862	1873	1857	1864	1854	1864
1873	1869	1865	1864	1854	1862	1873	1857	1864	1854	1864
7-3	5-8	5-5	11-0	4-5	6-5	6-4	8-0	16-8	23-0	23-0

1878	2-0	1-1	0-6	3-7	1-3	4-4	2-7	8-4	12-1
1876	1-2	2-4	3-0	7-8	3-0	0-6	2-0	5-6	12-9
1877	3-6	2-1	2-1	7-8	2-8	2-7	1-5	7-0	14-8
Jan	Jan	Feb	March	1 st April	May	June	2 nd April	1 st May	1 st June
1843	1-6	2-3	0-6	4-5	2-5	3-1	2-4	8-0	12-8
1844	1-5	2-2	2-4	6-1	0-9	0-5	1-6	3-0	9-1
1845	1-3	0-7	2-0	4-0	1-3	3-3	2-9	7-5	11-5
1846	2-0	0-8	1-2	4-0	4-3	0-7	1-7	6-7	10-7
1847	2-1	1-4	1-1	4-6	1-3	5-0	2-0	8-3	12-9
1848	0-9	3-6	3-9	8-4	2-2	1-4	4-7	8-3	16-7
1849	2-6	0-9	0-5	4-0	2-0	2-4	2-7	7-1	11-1
1850	1-6	1-8	0-3	3-2	2-2	1-3	1-4	4-9	8-4
1851	2-3	0-5	2-9	5-7	1-5	1-3	3-4	6-2	11-9
1852	3-5	1-8	0-6	5-9	0-5	1-1	4-9	6-5	12-4
1853	3-0	1-1	0-7	4-8	1-8	1-0	5-0	7-8	12-6
1854	2-9	0-8	0-5	4-2	0-5	2-2	1-0	3-7	7-9
1855	0-5	1-5	1-1	3-1	1-0	1-9	2-4	5-3	8-4
1856	2-9	1-9	1-0	5-8	2-4	3-8	1-5	7-7	13-5
1857	3-2	0-7	1-7	5-6	3-1	1-0	3-2	7-3	12-9
1858	0-2	0-3	0-8	1-3	2-4	1-4	1-3	5-1	6-4
1859	0-7	1-4	1-7	3-6	2-4	0-5	3-3	6-2	9-2
1860	2-3	2-1	2-3	6-7	0-5	3-3	3-3	7-1	13-8
1861	0-8	2-7	3-4	6-9	1-7	1-2	1-7	4-6	11-5
1862	1-6	0-8	3-4	5-8	1-6	3-4	1-5	6-5	12-3
1863	2-0	0-4	0-3	2-7	1-4	0-5	3-4	5-3	8-0
1864	0-7	1-9	2-6	5-2	2-1	1-3	1-3	4-7	9-9
1865	2-4	1-6	0-6	4-6	0-7	2-2	1-8	4-7	9-3
1866	1-7	1-9	1-9	5-5	0-5	1-8	3-6	5-9	11-4
1867	2-6	1-8	2-6	7-0	3-6	2-6	3-4	9-6	16-6
1868	2-6	1-6	2-9	7-1	1-7	1-4	0-3	3-4	10-5
1869	2-3	2-3	2-8	7-4	1-6	4-8	0-9	7-3	14-5
1870	1-4	1-5	1-6	4-5	0-5	0-8	1-0	2-3	6-8
1871	0-8	1-4	1-5	3-7	3-3	1-6	3-4	8-3	12-0
1872	3-3	2-5	1-9	7-7	3-0	2-1	3-3	8-4	16-8
1873	2-2	0-8	2-0	5-0	0-6	3-0	3-0	6-6	11-6
1874	1-6	2-1	1-1	4-8	1-5	1-3	1-2	4-0	8-8
1875	2-9	1-3	0-6	4-8	0-8	1-7	3-2	5-7	10-5
mean	1-9	1-7	1-7	5-1	1-8	2-0	2-4	6-2	11-3
max	3-5	3-6	3-9	8-4	4-3	5-0	5-0	9-6	16-7
1852	1848	1848	1848	1848	1846	1847	1853	1867	1848
min	0-2	0-3	0-3	1-3	0-5	0-5	0-3	2-3	6-4
1858	1858	1858	1858	1858	1858	1858	1858	1858	1858
3-3	3-3	3-6	7-1	3-8	4-5	4-7	7-3	10-3	10-3

	1840	1841	1842
Jan	2.6	2.0	1.8
Feb	2.4	1.4	0.7
Mar	0.1	0.9	2.5
Apr	0.9	1.6	1.5
May	3.5	2.1	2.6
June	0.9	4.3	1.8
July	2.6	2.6	2.5
Aug	1.3	3.0	8.9
Sept	2.6	3.3	2.6
Oct	10.1	4.1	1.2
Nov	5.5	2.9	9.0
Dec	0.7	2.0	8.7

1840	1 st half	10.4	2 nd half	13.8	=	24.2
1841		12.3		17.9	=	30.2
1842		10.9		12.8	=	23.7

RAINFALL AT

Keadby

M. S. L. LK

60

Lincoln

Rain { By
Gauge { Diameter in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Trent - 7.

YEAR								1867	1868	1869	MEANS.
January									1.33	3.00	
February									1.14	1.24	
March .....									.96	2.19	
April								2.09	1.24	2.13	
May								1.51	1.64	5.31	
June								2.13	.75	1.57	
July								2.53	.18	.22	
August								2.90	2.02	1.95	
September ...								2.15	2.73	2.95	
October								1.62	2.19	1.66	
November ...								1.00	1.71	1.04	
December								1.57	5.09	4.10	
TOTALS.....									20.98	27.36	

C C C

RAINFALL AT Kingslow Wells

South Wells

George Westland W. Cruickshank

Rain { By

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

Height above Ground, 2 ft. in.

Above Mean Sea Level, 200 ft.

Trent, R. bank - 2.

YEAR.....							1866	1867	1868	1869	MEANS.
January							^R 1.31			#	
February							2.26				
March							1.76				
April .....							.55				
May											
June.....							3.65				
July							2.81				
August.....							3.21				
September ...							5.70				
October.....							2.42				
November.....							2.33				
December.....							1.57	#			
TOTALS											

1866 Jan. 9, 20th the rain was 5.00 C. at 5.00 3 hours
 of sun. The rain was 1.00 at 1.00 1.00 1.00 1.00 1.00
 changed to 1.00 at 1.00 1.00 1.00 1.00 1.00

RAINFALL AT *Pennington Grange*
H. Rolfe gardens

Notes.

Rain { By
Gauge { Diameter.....*2*.....in. Height above Ground, *1* ft. *1* in. Above Mean Sea Level, ft.

Trent. Bank - 2.

YEAR.....							1866	1867	1868	1869	MEANS.
January								2.36	1.64	2.62	
February								1.70	1.93	2.03	
March								2.17	1.93	2.49	
April								2.35	1.23	1.71	
May								2.59	1.16	4.05	
June.....								2.08	.29	1.17	
July								2.36	.16	.55	
August.....								2.42	3.42	1.42	
September ...							#	1.21	2.44	2.11	3.37
October.....								2.26	2.49	2.37	1.04
November.....								2.03	.81	.94	1.83
December.....								1.80	1.38	5.88	3.68
TOTALS								25.15	23.06	25.96	

+ from 20th
9 in. from garden over gentle slope to S.W. about
16 ft S from stone

RAINFALL at Bingham Union (Lockhouse)

County of Nottinghamshire Observer J. Godfrey Esq.

River Basin Trent, Leake - 21 (Master)

Rain Gauge, by _____

Diameter ...											
Height									2.0		
Altitude ...											
Year	1860 1920	1861 1921	1862 1922	1863 1923	1864 1924	1865 1925	1866 1926	1867 1927	1868 1928	1869 1929	MEANS.
January ...									1.7	2.3	
February ...									2.1	2.2	
March									1.9	2.1	
April.....									1.5	1.5	
May									0.8	4.6	
June									0.4	1.5	
July									0.2	0.3	
August									3.8	1.3	
September...									1.9	2.7	
October.....									2.8	1.5	
November...									1.0	2.0	
December...									6.5	3.7	
TOTALS...									24.58	25.57	

Notes only 1868-70 entered 11x25, monthly and 1870-8.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

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

RAINFALL AT Eastwood Colliery

Nottinghamshire

Observer W. Weston

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

Height above Ground, 3 ft. in.

Above Mean Sea Level 215 ft.

Brewash. 4.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....									1.81	2.96	
February.....									2.58	2.11	
March.....									2.32	2.29	
April.....									1.55	1.70	
May.....									1.35	5.13	
June... ..									.27	1.19	
July.....									.33	.91	
August.....									3.14	1.72	
September.....									1.72	5.29	
October.....									3.01	1.45	
November.....									1.06	2.05	
December.....									6.88	4.69	
TOTALS									26.02	31.49	

Gauge on a tree stump clear of buildings
and trees

Beeston Meadow, Nottingham.

on banks of the Trent 1 1/2 m S. of Mr. Lowe.

Mr. W. Barker

1 1 65

1 2 64 66

8 1/2 in

1 ft 4 in

100 ft

Trent, Bank - 5.

YEAR - -	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	# .50	1.53	1.93	.22	2.19	2.32	2.75	1.59		
February - -	2.68	.81	.43	1.64	1.64	2.14	1.32	1.36		
March - - -	2.46	3.53	.52	3.20	.91	1.74	2.54	2.65		
April - - - -	2.00	1.69	1.51	1.92	.71	.90	2.44	.93		
May - - - -	1.05	3.65	.62	.97	2.50	.74	2.29	1.33		
June - - - -	2.07	1.48	3.74	1.25	1.73	3.53	2.62	.23		
July - - - -	3.69	1.95	1.10	.41	2.05	3.40	2.18	.12		
August - - -	1.03	2.72	2.42	1.03	4.19	3.50	2.72	3.48		
September -	2.09	4.42	1.85	2.05	.21	5.29	2.12	2.58		
October - -	1.51	2.20	2.94	1.75	5.12	1.59	2.30	1.79		
November -	2.17	.58	1.73	1.59	1.62	1.79	.85	.73		
December -	1.38	1.44	.34	1.66	.80	1.18	1.34	5.09	#	
TOTALS -	22.63	26.00	19.13	17.69	24.47	28.12	25.47	21.88		

e e e e e e e e

1863 June 11th June 1.22

Coxmbs Reservoir
M S & L R

Chapel en le path
Derby.

+ ground 31'6

710 ft + m s l

upper meney - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.28	7.50	4.23	8.26	2.60	4.86	5.86	4.42	4.55	4.83	4.539
February - -	1.17	4.25	1.79	1.43	4.85	3.75	5.91	5.18	3.07	4.62	3.602
March - - -	7.24	8.56	4.58	1.90	3.87	2.57	3.19	2.94	6.07	1.87	4.279
April - - -	1.87	1.57	3.12	2.32	1.81	1.57	1.74	6.66	3.59	2.81	2.706 -
May - - - -	4.29	1.45	4.21	3.54	3.06	3.40	1.51	2.28	1.56	4.19	2.949
June - - - -	7.00	3.34	7.23	4.37	4.62	1.01	5.73	1.95	.43	2.04	3.772
July - - - -	3.93	4.60	6.67	3.31	2.04	4.81	5.12	6.02	.24	.83	3.757
August - - -	7.14	3.50	3.80	7.05	3.67	5.17	6.55	2.39	3.77	2.65	4.569
September -	3.27	6.22	4.71	6.25	3.89	.37	7.79	3.22	3.01	7.50	4.623
October - -	6.02	2.02	5.93	8.33	3.07	8.12	3.36	5.39	4.82	3.58	5.064
November -	3.51	6.22	2.00	5.49	6.92	5.39	8.88	2.12	3.43	6.77	5.073
December -	3.45	3.41	5.03	5.34	2.84	1.80	5.73	5.41	11.01	6.73	5.075 +
TOTALS -	54.17	45.64	53.30	57.59	43.24	42.82	61.37	47.98	45.55	48.42	50.008

✓ c ✓ c c c c c c + c c c c

1868 Average 15 years 43.42

Chapel-en-le-Smith

Top of the inclined Plane No 1 & 2 R

Derby.

+ Ground 3^{ft} 6

965 ft + m s l

Upper mercury - P.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.34	.29	3.24	6.63	1.85	3.19	5.42	3.73	2.36	4.19	3.524
February - -	1.16	3.09	.92	1.38	2.90	1.87	4.74	4.63	3.66	4.45	2.880
March - - -	5.62	6.53	3.15	1.44	3.09	2.41	2.85	2.34	5.65	.92	3.400
April - - -	1.50	1.29	2.53	1.94	1.78	1.86	1.39	6.44	3.17	2.37	2.427 -
May - - - -	3.70	.99	3.98	3.12	2.32	2.78	1.87	1.93	1.54	3.47	2.570
June - - - -	6.02	3.67	5.51	3.86	3.54	.67	5.19	2.25	.50	1.81	3.302
July - - - -	3.39	4.36	4.79	2.34	1.91	2.25	4.07	4.83	.34	.74	2.902
August - - -	6.34	2.42	3.08	4.35	3.33	5.49	5.47	2.51	3.95	3.06	4.000
September -	2.68	5.22	3.71	6.80	4.06	.44	6.36	2.92	2.63	7.15	4.197
October - - -	4.93	1.70	5.67	6.58	2.43	6.93	3.04	4.75	5.61	3.53	4.517 +
November - -	2.91	4.53	1.57	4.04	4.78	4.75	7.10	1.34	2.53	4.94	3.849
December - -	2.40	3.10	3.76	4.17	2.95	1.39	4.79	5.84	9.20	6.19	4.379
TOTALS -	44.99	37.19	41.91	46.65	34.94	34.03	52.29	43.51	41.14	42.82	41.947

c v e c + c c c c c c c c

1868

Average 15 yrs 38.65

RAINFALL AT *Woodhead* station.

M S & L R (Derbyshire)

Observer.....

Rain { By.....

Gauge { Diameter.....in.

Height above Ground, *3* ft. *6* in.

Above Mean Sea Level. *878* ft.

Upper mercury - 1.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.46	1.20	3.14	8.36	2.20	4.35	6.39	6.08	4.51	4.17	4.586
February	2.89	6.22	1.06	1.90	4.39	3.27	6.00	5.66	4.32	7.39	4.310
March	8.28	9.83	4.50	1.49	2.72	1.44	2.73	2.17	6.99	1.75	4.190
April	3.11	2.50	3.34	2.29	1.52	1.31	2.82	7.89	3.47	3.07	3.132 -
May	5.32	2.13	6.30	2.49	3.66	2.85	3.07	2.44	1.86	5.27	3.539
June	11.22	4.13	4.22	4.79	3.65	.93	6.75	2.65	.46	1.14	3.994
July	3.38	4.60	5.59	2.09	1.82	4.51	5.60	6.44	.58	1.14	3.575
August	6.72	3.83	2.94	6.30	3.36	4.01	7.11	3.61	3.80	3.52	4.520
September.....	3.81	4.36	5.45	7.51	3.92	.64	7.74	3.81	3.75	9.88	5.087
October	7.30	1.72	6.92	7.56	3.21	7.26	3.50	4.76	7.29	4.46	5.398 +
November.....	6.01	6.13	1.16	5.41	6.86	4.72	9.13	2.31	3.74	5.52	5.099
December.....	2.85	2.99	3.89	4.88	2.67	1.50	5.55	5.01	10.96	7.28	4.758
TOTALS	66.35	49.64	48.57	55.07	39.98	36.79	66.39	52.83	51.73	54.59	52.188

+ c c c c c c c c c c

1868 Average (15 yrs) 45.76

RAINFALL AT Bretby Park Burton

Derby

Observer Mr W. Brown

Rain { By.....

Gauge { Diameter.....5.....in.Height above Ground, 4...ft...6.....in.Above Mean Sea Level 340 ft.Trent, R. bank - 3.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	2.79	.73	1.87	2.59	1.02	1.50	1.67	2.93	1.57	2.56	1.923
February.....	.77	2.60	.69	.61	2.62	1.96	1.92	1.50	2.37	2.37	1.741
March.....	2.40	3.46	3.64	.49	1.19	1.25	1.61	2.58	2.10	1.62	2.034
April.....	.76	.86	1.91	1.44	1.95	.58	.44	2.88	.92	1.54	1.328
May.....	4.04	1.29	3.29	.65	1.95	2.12	.93	1.80	1.56	4.09	2.172
June.....	5.93	2.27	2.54	5.88	1.07	1.84	4.64	2.13	.20	.95	2.745
July.....	1.78	6.52	2.38	.38	.85	2.57	2.78	1.98	.47	.75	2.046
August.....	7.96	.82	1.39	3.14	.97	3.83	4.60	2.96	3.66	1.09	3.042
September.....	2.57	2.31	4.14	2.65	3.44	.19	6.13	2.89	2.24	5.42	3.198
October.....	2.66	1.70	2.61	3.34	1.93	6.73	3.15	3.53	2.89	1.38	2.992
November.....	2.70	2.29	.89	1.34	2.71	1.96	2.43	1.08	1.52	1.43	1.835
December.....	2.57	1.68	1.29	1.29	1.15	.83	1.97	1.60	7.12	4.08	2.358
TOTALS.....	36.93	26.53	26.64	23.80	20.85	25.36	32.27	27.86	26.62	27.28	27.414

In an open space 14 yards from the west wall
of the garden.

Rainfall at Wadbury Hall Derbyshire

60

Andrew Dick Esq.

Diameter of Gauge, .5 in.

Height above Ground, 1 ft. 9 in.

Above Mean Sea Level, 175 ft.

Inch, Dec - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.81	.77	2.09	3.86	1.35	1.68	2.01	3.42	1.72		
February - -	.81	2.72	.66	.93	2.91	3.31	2.27	1.72	1.93		
March - - -	3.04	6.10	3.37	1.04	2.58	1.54	1.88	2.21	2.23		
April - - -	1.27	1.69	2.87	1.06	1.60	1.41	.95	3.49	1.96		
May - - - -	3.36	.82	4.19	1.04	2.26	3.26	1.59	1.75	2.31		
June - - - -	5.27	4.07	2.57	4.96	1.93	1.23	4.09	2.74	.72		
July - - - -	1.59	4.79	2.95	1.15	.80	4.11	1.34	3.40	.43		
August - - -	7.14	1.13	1.78	3.07	1.30	5.52	5.64	2.84	3.88		
September -	2.08	2.65	4.43	3.70	3.22	.22	6.59	2.16	2.41		
October - -	3.33	1.66	2.90	4.41	3.06	5.15	3.04	4.14	3.02		
November -	1.91	3.13	1.04	2.74	2.23	2.63	3.69	1.52	1.54		
December -	2.94	1.99	2.11	1.96	2.85	.80	2.22	2.48	6.90		
TOTALS +	36.55	31.52	30.96	29.92	26.09	30.86	35.31	31.87	29.05		

c c c c c c c c c c

Doveridge

Hort. & Riv.

Dorset.

Orlando W W Forester

4 ft 6.5 6.8

in 1868 = Mr. Povey

7 6.3 6.4

+ Ground 5 ft

+ Sea Level 270 ft

Dove - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			2.01	3.21	1.11	2.47	1.95	2.50	1.36		
February - -			.47	.81	2.53	2.29	2.26	1.62	1.40		
March - - -			3.36	.72	2.70	.86	1.68	1.98	2.60		
April - - -	#	1.38	2.50	1.01	1.75	.91	.80	2.80	2.24		
May - - - -		.78	3.92	.95	2.28	3.75	1.49	1.73	1.61		
June - - - -		3.06	2.73	5.08	1.79	.96	4.13	2.25	.61		
July - - - -		4.65	2.41	1.77	.81	2.78	2.03	3.21	.47		
August - - -		1.44	2.41	2.91	1.22	4.77	5.52	2.46	3.39		
September -		3.58	3.84	3.44	2.84	.17	5.90	1.86	2.22		
October - -			2.62	3.25	3.03	6.24	2.65	2.65	2.38		
November -		2.53	.91	2.50	2.68	2.15	3.33	.83	2.38		
December -		1.66	1.82	1.29	1.91	.91	1.93	2.09	5.12	#	
TOTALS -			29.00	26.94	24.65	28.26	33.67	25.98	25.78		

W Forester left Doveridge in 1867, but the record was continued by his gardener -

RAINFALL AT

Duffield. Derby
W. Bland

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

Height above Ground, ft. *6* in.

Above Mean Sea Level, *2007* ft.

sewer 6.

YEAR.....							1866	1867	1868	1869	MEANS.
January								3.06	1.77	2.92	
February								1.98	2.20	2.28	
March								2.27	2.07	1.90	
April								3.27	1.64	1.51	
May								1.71	1.27	4.17	
June.....								1.68	8.44	1.11	
July								1.92	.28	.31	
August								3.71	3.57	2.54	
September ...							⁴ 5.55	1.93	1.75	5.14	
October.....							3.06	3.11	3.17	1.40	
November.....							3.43	.98	1.56	2.21	
December.....							2.02	1.47	6.84	4.48	
TOTALS								27.09	26.50	29.97	

c c c c c
 1867 Aug. 20th 1am E, & R, 2.34 in less than 3 hours.

G. in garden 12 ft from high buildings on E, and 36 ft from high trees on S and W. Returns agree remarkably with a gauge on the lawn of Duffield Hall, about 300 yds distant -

W. Bland.

RAINFALL AT Nickleson

H. Ryley

Derby.

Clear of trees

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

Height above Ground, *17* ft. *6* in.

Above Mean Sea Level, *310* ft.

Trent, L. bank 5.

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i>1.38</i>		<i>1.73</i>		
February							<i>1.84</i>		<i>2.21</i>		
March							<i>1.31</i>		<i>1.91</i>		
April							<i>.98</i>		<i>1.21</i>		
May							<i>1.54</i>		<i>2.14</i>		
June							<i>2.93</i>		<i>.22</i>		
July							<i>2.56</i>		<i>.28</i>		
August							<i>3.97</i>		<i>3.26</i>		
September ...							<i>2.15</i>		<i>1.80</i>		
October							<i>1.84</i>		<i>2.91</i>		
November							<i>2.41</i>		<i>1.33</i>		
December							<i>1.56</i>		<i>5.99</i>		
TOTALS							<i>24.47</i>		<i>24.99</i>	<i>(26.00)</i>	

Mr. J. Davis thinks there is something wrong with the 1866 return, but says observer is careful

↑ maybe not

Rainfall at Spondon nr Derby

60

Thos. Ch. Cade

Diameter of Gauge, 5 in.

Height above Ground, 1 ft. 6 in.

Above Mean Sea Level, 280 ft.

Serment - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					^a .96	1.46	1.73				
February - -					2.69	1.90	2.33				
March - - -					2.26	1.03	2.48				
April - - -					1.73	1.65	1.51				
May - - - -					1.68	3.56	1.77				
June - - - -					1.28	1.92	3.65				
July - - - -					.85	3.77	2.62				
August - - -					.74	2.40	6.37				
September -					3.00	.18	4.74				
October - -					1.44	5.46	2.77				
November -					2.45	2.00	2.08				
December -					1.46	.71	2.55	^a			
TOTALS -					20.54	26.12	34.60				

Not recorded 1866

✓
c c c

Derby (all Saints Church)

John Davis

+ ground 174 ft + Sea Level 349

sement b.

YEAR - -	1860	1861	1862	1863	1864							MEANS.
January - -												
February - -												
March - - -												
April - - - -			*									
May - - - -			1.74									
June - - - -			3.27									
July - - - -			1.95									
August - - -			1.90									
September -			1.58									
October - -			3.57									
November -			1.84									
December -			.57									
TOTALS -			1.19									

C

RAINFALL AT

Melford

? Fenslope.

Derby.

Rain { By

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

Height above Ground, ft. in. 8 Above Mean Sea Level, ft.

sement - 6.

YEAR.....				1863	1864	1865	1866	1867	1868	1869	MEANS.
January				3.33	1.22	3.40	2.14	3.08	1.79	3.21	
February .....				.72	2.60	2.66	2.98	2.45	2.09	2.42	
March .....				.62	3.09	1.33	1.57	2.75	3.19	2.30	
April				1.08	1.61	1.13	.80	3.34	2.25	1.64	
May .....				.78	1.76	2.80	.98	1.00	1.67	4.48	
June				4.90	1.61	1.38	4.10	1.91	.35	1.01	
July				1.75	1.10	2.39	3.61	2.00	.33	.24	
August				3.22	1.13	4.86	4.38	4.20	3.05	1.23	
September ...				2.77	3.28	.15	6.01	1.96	1.97	4.98	
October				3.90	3.22	5.19	3.02	3.18	2.03	2.02	
November				1.64	2.83	2.57	3.17	.93	1.18	2.43	
December				1.91	2.25	1.03	2.39	2.18	7.25	4.30	
TOTALS				26.62	25.70	28.89	35.09	29.86	27.15	30.26	

c c c c

Measured at 1 PM & entered to the day of measurement.
 1863-1865 back yrs. Supplied by Mr. John Hunter & added 1/46

RAINFALL AT Gelfree

W. Blend Logg

Derby.

Rain { By Casella
Gauge { Diameter 5 in.

Height above Ground, ft. 6 in. Above Mean Sea Level, 260? ft.

serment - 6.

YEAR.....							1866			MEANS.
January										
February										
March										
April							1.65			
May							1.40			
June.....							4.20			
July							3.45			
August							4.98			
September ...										
October.....										
November.....										
December.....										
TOTALS										

g. about 12 ft E of house, low wall to S, open to E and N.

RAINFALL AT Alderwarley Hall

Derby.

Observer Greenwood

Rain { By

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

serwent - 6.

YEAR.....							1866		1868	1869	MEANS.
January.....							3.33		2.03	3.80	
February							4.01		2.45	2.43	
March							2.14		4.23	2.55	
April							1.29		2.23	2.12	
May							1.15		2.24	5.19	
June.....							4.70		.66	1.14	
July							4.10		.56	.51	
August.....							5.24		2.34	1.37	
September.....							6.81		2.87	5.40	
October							3.59		3.92	2.25	
November.....							4.36		1.58	2.35	
December							2.98		9.67	5.20	
TOTALS							43.70		34.78	34.31	
							C		C	C	

RAINFALL AT Willersley Gardens, Matlock

Derby.

By Jas. Tippington
Rain { Horne & Thornthwaite
Gauge { Diameter 6 in.

In open garden
Height above Ground, 1 ft. 4 in. Above Mean Sea Level, ft.

serwent - 6.

YEAR.....							1866	1867	1868	1869	MEANS.
January								4.24	2.69		
February								3.20	2.87		
March								3.55	4.16		
April								4.02	2.69		
May							4 95	2.19	1.63		
June							3.74	2.31	.71		
July							3.72	2.76	.25		
August							4.52	4.28	3.28		
September ...							6.53	3.07	3.46		
October							3.73	3.62	5.03		
November							4.52	.97	2.49		
December							2.93	2.82	4.70	#	
TOTALS								37.03	38.96		

c c c

RAINFALL AT Mallock Bath Lower Tower

N Chadwick

(Heights of Abraham)

60

Wesley.

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

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

Above Mean Sea Level, *570*[?] ft.

Series - 6.

YEAR								1867	1868	1869	MEANS.
January								4.31	2.87	3.65	
February								2.80	2.69	3.43	
March								3.23	3.38	2.00	
April								4.05	2.82	2.44	
May							#	1.41	2.01	1.81	5.54
June								4.35	1.79	.71	1.25
July								3.61	3.07	.28	.43
August								3.03	4.33	3.70	1.56
September ...								6.07	2.74	3.31	5.64
October								3.73	3.52	4.72	1.83
November ...								3.73	1.23	2.13	2.37
December								2.40	2.44	8.51	5.46
TOTALS.....								35.52	36.93	35.60	

c c c c

1868 The down-pour here in Dec. has been extraordinary

Rainfall at Stratcliffe W. Gullbeck

60

Derby.

J. Dawson

Grounds very hilly and undulating

Diameter of Gauge, in.

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

Above Mean Sea Level, 530 ft.

Serial - 6.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -											
February - -											
March - - -								3.86			
April - - -								4.40			
May - - - -							8.60	3.00			
June - - - -							3.71	2.50			
July - - - -							2.06	3.27			
August - - -							3.63	3.91			
September -							6.07	3.99			
October - - -							3.56	3.41			
November - -							4.00	2.30			
December - -							3.15	2.00			
TOTALS -											

Imp.

c c c

1868 Imp.

Chatsworth Gardens

44 62 69

Derby.

A Stewart Dend

6 66

J. Taplin

5 62

servant - 6.

+ Ground 6 feet 6 in + 5 Sea Level 404 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		.47	1.98	5.13	1.02 [#]	3.10	3.64	4.04	1.39	3.84	
February - -		4.85	1.10	.92	1.87	.90	3.91	2.97	2.32	3.44	
March - - -	21 st 2	4.90	4.04	.80	2.67	.30	2.58 ³	3.02	3.10	2.19	
April - - -	1. 27	1.29	2.54	1.09	1.92	.60	.99	4.26	2.41	1.89	
May - - - -	1. 70	1.04	2.65	1.74	1.31	2.20	1.07	2.05	1.33	3.34	
June - - - -	4. 69	3.46	2.21	4.30	.81	1.00	3.42 ⁶	2.46	.00	1.05	
July - - - -	87	4.45	2.64	1.84	.31	2.10	2.96	3.10	1.13	.75	
August - - -	5. 68	1.11	1.46	2.36	1.03	5.00	3.46	3.36	2.36	.40	
September -	2. 60	2.81	3.44	2.83	2.73	.20	4.78	2.46	1.88	4.13	
October - -	3. 13	1.39	4.83	4.41	2.96	6.75	2.09	3.79	3.33	2.15	
November -	3. 05	3.51	1.21	2.61	3.18	3.40	3.41	1.17	1.72	2.89	
December -	2. 60	2.04	2.51	2.49 [#]	1.53	2.12	2.87	2.53	0.79	3.97	
TOTALS -		31.32	30.61	30.52	21.34	26.67	34.78 35.18	35.21	29.76	30.04	

1864 ~~Manuscript~~ Received II. 1911.

1865 The early months of this year must not be relied upon as they appear erroneous

1866 Corrected by the record preserved at Chatsworth
In that record the figures for Chesterfield M.S.L.R.
are entered in 1864

RAINFALL AT Asce Edge, Buxton

Derby.

Observer Edu^d J. Sykes

Rain { By.....

Gauge { Diameter.....8.....in.

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

Above Mean Sea Level.....1600.....ft.

1721 69.

serment - 6.

YEAR.....									1868	1869	MEANS.
January.....										2.80	
February										6.25	
March										1.39	
April										3.16	
May										4.35	
June.....										2.52	
July										1.10	
August.....										4.10	
September.....									2 2.43	7.40	
October									6.00	2.30	
November.....									2.70	7.04	
December									3.30	5.10	
TOTALS										47.45	

C C

* Hyd. Sta. No. 34-107520

NGR. SK (43) 056737

Alt. 1005 ft - 306 m

60

Rainfall at Buxton

Devonshire Hospital

Deby.

Geo. Drury. John Darn

Edwin John Sykes 69

1040 68

Diameter of Gauge, 8 in.

Height above Ground, 5 ft. in.

Above Mean Sea Level, 1005 ft.

serment- 6.

YEAR - -						1865	1866	1867	1868	1869	MEANS.
January - -							7.78	5.40	6.07	7.32	
February - -							7.35	6.80	4.56	6.05	
March - - -						#					
April - - -						2.29	4.32	4.29	8.03	2.01	
May - - - -						1.67	1.72	10.56	4.81	3.53	
June - - - -						3.17	3.08	2.54	1.89	4.54	
July - - - -						.77	6.98	2.60	.63	2.20	
August - - -						4.19	5.50	6.45	.36	.96	
September -						5.01	6.12	3.48	5.51	3.39	
October - -						.40	10.45	4.31	4.42	7.92	
November -						9.15	4.73	7.10	10.15	3.32	
December -						5.89	11.04	3.35	4.97	6.24	
TOTALS -						2.38	7.04	8.21	15.55	6.58	
							76.11	65.09	66.95	54.06	

c c c c c

* Historical site review Oct. 1975.

Rainfall at Stony Middleton Parsonage, Derbyshire
Sheffield.

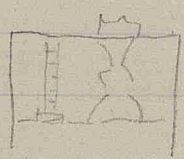
Urban Smith

Diameter of Gauge, in. Height above Ground, 4... ft. in. Above Mean Sea Level, ...64.0... ft.

sergent - 6.

YEAR - -					1865	1866	1867	1868	1869	MEANS.
January - -						4.24	3.96	3.53	3.77	
February - -						4.30	2.55	1.92	3.36	
March - - -					# .98	2.16	3.06	3.48	1.53	
April - - -					2.43	.99	4.62	2.03	2.07	
May - - - -					2.03	1.08	1.98	1.54	5.42	
June - - - -					.88	4.54	2.59	.94	1.75	
July - - - -					4.24	3.74	3.65	.35	.67	
August - - -					3.77	4.16	3.05	3.60	1.70	
September -					.53	5.25	2.67	3.26	5.59	
October - -					6.96	3.26	4.36	4.93	1.25	
November -					3.16	4.24	1.53	1.78	3.15	
December -					1.07	3.01	2.50	9.37	5.74	
TOTALS -						40.97	36.52	36.73	36.00	

c c c c c



Rainfall at Sawley nr Derby

John Windle

Diameter of Gauge, 5 in.

Height above Ground, ft. 9 in.

Above Mean Sea Level, 170.2 ft.

Brewach - 7.

Basella

69
100 65-8678
64

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					[#] .83	2.15	1.48	2.50	1.52	3.21	
February - -					1.73	1.80	2.00	1.59	2.18	1.92	
March - - -					3.05	1.21	1.89	2.54	1.84	2.58	
April - - - -					1.79	.78	.66	2.37	1.25	1.92	
May - - - - -					1.48	2.38	1.42	1.27	1.67	4.84	
June - - - - -					1.53	1.84	3.13	1.87	.30	.99	
July - - - - -					.50	2.95	2.87	2.37	.20	.70	
August - - -					.94	3.94	5.10	2.57	3.41	1.28	
September -					2.28	5.21	4.29	3.62	2.67	3.80	
October - - -					1.86	5.81	2.53	2.63	2.62	} 2.30	
November -					1.88	1.76	2.39	} 2.24	.88		
December -					1.67	.81	1.83		} 6.38		4.45
TOTALS -					19.54	25.72	29.59	25.57		24.92	27.99

✓
c c c c c c c

1869. During the period of the year, the rain was not so much as in the previous years, and the total amount of rain was only 27.99 inches.

RAINFALL AT Trent College Nottingham
Derbyshire

Observer... C. H. Tripp

Rain { By Barrow
Gauge { Verified
Diameter 5 in.

10 in 69

Height above Ground,ft. 7 in.

Above Mean Sea Level. 150 ft.

Brewash - 7.

YEAR.....								1868	1869	MEANS.
January.....									2.68	
February									1.73	
March.....									2.29	
April.....									1.77	
May									4.08	
June.....									1.06	
July .....									.41	
August.....									1.34	
September.....								^d 2.18	3.94	
October.....								2.15	1.08	
November.....								.90	1.77	
December.....								6.15	3.55	
TOTALS									25.70	

c c

G. in an open elevated part of the grounds, 8m SSW of Nottingham
1m from the Trent, 1/2 mile from the Brewash -

Rainfall at MorleyDerbySt. JoeIn middle of a large walled gardenDiameter of Gauge, 5..... in.Height above Ground, 3... ft. in.Above Mean Sea Level, 406... ft.Bewick - 7.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			1.71	2.80	1.15	2.55	1.67	2.56	1.62	3.21	
February - -			1.10	.62	2.47	2.06	2.54	2.03	1.86	2.18	
March - - -			3.69	.43	2.42	.87	1.84	2.06	3.17	1.99	
April - - - -			2.31	1.38	1.98	1.21	1.00	3.24	1.78	1.76	
May - - - - -			3.79	.76	1.53	2.85	1.01	2.05	1.28	4.29	
June - - - - -			2.41	5.68	1.34	1.46	4.26	2.10	.29	1.29	
July - - - - -			2.10	1.47	.57	2.63	2.81	2.07	.35	.89	
August - - -			1.50	2.75	.72	6.27	5.38	4.51	3.27	1.36	
September -			4.30	2.74	2.93	.10	4.69	3.02	2.30	5.39	
October - - -			2.94	3.25	2.39	4.83	2.71	3.25	3.41	1.46	
November -			.70	1.45	2.40	2.04	3.06	1.17	1.22	1.82	
December -			1.60	1.32	1.63	.82	2.28	1.79	7.07	4.43	
TOTALS -			28.15	24.65	21.53	27.69	33.25	29.85	27.62	30.07	

c c c c c c c c c

Measured monthly by in kitchen garden quite free

1847 = 25.59

1855 = 22.74

8 = 37.56

6 29.60

9 = 29.13

7 27.59

1850 = 22.85

8 26.60

1 = 24.72

9 27.44

2 = 36.36

60

3 = 27.79

1

4 = 19.55

RAINFALL AT West Hallam, Derby

60

By C. J. Newdigate
 Gauge { Diameter.....5.....in.
 Height above Ground, 3... ft. 2... in. Above Mean Sea Level, 354... ft.

2 ft. 66 67

Brewash - 7.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						# 2.27	1.19	2.71	1.56	2.71	
February						1.95	2.36	1.94	2.46	2.18	
March .....						.98	1.95	1.96	2.11	1.97	
April						1.44	1.05	2.99	1.82	1.71	
May						3.21	1.74	1.96	1.87	4.24	
June						1.83	4.06	2.08	.49	1.26	
July						3.48	3.22	2.24	.31	.70	
August						5.58	4.91	4.11	3.80	1.59	
September ...						.19	4.56	2.76	2.05	5.33	
October						5.46	2.92	3.32	2.99	1.42	
November ...						1.88	3.11	1.13	1.17	1.98	
December .....						.80	2.02	1.50	7.25	3.83	
TOTALS						29.07	33.09	28.70	27.88	28.92	

c c c c c

Gauge on low wall quite free from drip from trees or buildings

Rainfall at S. Thomas' Brampton
Chesterfield

Derby.

J.M. Mello.

164

Diameter of Gauge, ... 5 in. Height above Ground, ... 6 ft. 6 in. 67 Above Mean Sea Level, ... 326 ft.

Don - 8.

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -		3.23	3.27	3.45	2.77	2.07	
February - -		2.44	3.80	2.63	2.24	2.53	
March - - -		1.07	1.98	2.91	2.63	2.16	
April - - -	# 1.96	1.95	1.08	3.88	2.36	1.86	
May - - - -	1.25	3.22	.99	2.85	1.44	5.72	
June - - - -	1.11	1.47	3.84	2.09	.39	.81	
July - - - -	.49	2.07	3.48	3.36	.15	.12	
August - - -	1.28	3.99	2.95	3.87	2.91	1.06	
September -	2.96	.18	5.30	2.31	2.11	4.68	
October - -	3.19	6.64	2.97	2.46	2.97	1.17	
November -	3.86	3.15	3.93	1.11	1.35	2.00	
December -	2.17	1.00	2.84	1.79	9.22	4.82	
TOTALS -		31.21	36.43	32.71	30.54	29.80	

✓ c c c c c c c

490 ft. SW from corner of house on a post 6 ft. high which carries it clear of a neighboring wall and also some trees which stand to the N

1868 Hawthorne Honey suckle & lilac in leaf in March Small White Butterfly on 6th April Hawthorn bloom on 7th of May Oak in leaf on 9th Ash on 14th & on 29th house struck at Chesterfield, Temp: 80° at 9.30 AM on 21st of June. Max temp 94.8 on 22nd of July Min on following morning 58.8 Max on 23rd 68. & min on following morning 38.2 cliff: in mean of two day 19° 2. Oct Violent gale on 24th doing much damage. Laburnum in bloom in Nov & Canterbury Bells in Dec

1869 Oak & Ash & almost simultaneously 25th April Splendid Lunar rainbow on 19th with secondary bow

Fairfield Bampton

Cheshamfield

deby.

John M Newitt

5 in + Ground 6th 8 in

+ Sea Level 510 ft

Dec-8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						[#] 3.09	3.40	3.61	2.36	3.90	
February - -						2.35	3.76	2.59	2.26	3.17	
March - - -						1.05	1.76	2.96	2.91	1.70	
April - - - -						1.76	.87	3.96	2.35	2.06	
May - - - -						3.13	1.16	2.29	1.38	5.23	
June - - - -						1.28	3.81	2.19	.45	.98	
July - - - -						3.52	3.58	3.82	.12	.25	
August - - -						4.36	2.91	3.92	3.06	1.29	
September -						.25	5.19	2.14	2.69	5.25	
October - -						6.64	3.21	3.16	3.70	1.59	
November -						3.00	3.08	1.12	1.56	2.74	
December -						.96	2.67	1.78	8.74	4.98	
TOTALS -						31.39	35.40	33.54	31.68	33.14	

c c c c c

Chesterfield

M. L. & L. R.

Derby.

+ Ground 31.6 in

248 ft + m s l

Don-8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.16	1.06	1.49	3.89	1.02	1.85	2.49	2.77	1.69	3.36	2.378
February - -	.64	4.20	.66	.59	1.87	1.83	3.30	2.53	1.72	2.01	1.933
March - - -	2.36	3.71	3.88	.52	2.67	.68	1.22	2.07	2.48	2.24	2.183
April - - -	.69	1.92	1.81	.68	1.92	1.87	1.29	2.98	1.93	1.83	1.692
May - - - -	3.35	.83	3.85	.77	1.31	2.90	.72	2.68	1.05	5.36	2.282
June - - - -	4.26	2.29	1.97	5.04	.81	1.13	3.79	2.14	.55	.75	2.269
July - - - -	1.20	3.72	1.65	2.06	.31	2.77	2.94	3.19	.00	.05	1.789
August - - -	4.45	.33	1.82	2.26	1.03	4.29	3.38	3.79	2.28	.88	2.451
September -	2.05	2.01	3.54	2.20	2.73	.05	4.51	2.72	2.46	4.02	2.629
October - -	1.72	1.65	3.60	3.73	2.96	6.13	2.93	2.56	2.80	1.41	2.949
November -	2.30	2.09	.55	1.72	3.18	2.71	2.78	.80	1.04	1.72	1.889
December -	2.36	1.67	1.52	1.60	1.53	.88	2.02	1.89	7.47	3.90	2.484
TOTALS -	29.54	25.48	26.34	25.06	21.34	27.09	31.37	30.08	25.47	27.53	26.930

v e e e e e e e e e e

1868 Average 13 years 26.92