

Chapstow (Sussex)

60  
Gloucester.  
2.4.

James G Wood

3 ft 6 in 65  
3 ft 6 in

100 65

Severn, 8 in  
bank - 2.

+ Ground 2 ft 6 in + Sea Level 50 feet 6 in

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		2.01	2.39	4.35	2.40	3.75	4.86	4.77	6.08	5.96	
February - -		2.94	.48	1.58	2.81	2.98	4.29	3.25	3.34	4.55	
March - - -		3.68	5.17	1.22	3.72	1.47	2.46	3.33	2.20	1.38	
April - - - -		.61	3.39	2.05	1.76	.95	1.68	3.28	3.02	.46	
May - - - - -		1.49	3.46	2.05	1.11	2.69	1.42	4.04	3.22	5.00	
June - - - - -		2.12	4.76	5.56	2.59	1.80	2.89	.98	.74	1.29	
July - - - - -		7.31	2.67	.64	1.45	4.00	2.44	2.65	.61	2.11	
August - - -		2.01	1.98	4.46	1.30	4.06	3.70	3.07	5.85	1.86	
September - #	3.12	4.31	5.06	4.30	4.19	.06	10.57	1.82	5.22	6.17	
October - - -	3.77	2.48	5.85	5.87	1.76	6.60	3.07	4.21	3.64	2.78	
November - -	2.68	6.05	1.85	3.15	4.29	3.32	2.31	2.26	3.34	2.45	
December - -	3.88	2.50	2.49	2.36	2.34	3.82	4.71	1.35	6.98	7.43	
TOTALS -		37.57	39.55	37.59	29.72	35.50	44.40	35.01	44.24	41.44	

Agrees with ppt of J. G. W.

1865 - Believes height is never 200 ft

61 = 149 Days

1868 The wettest year since 1860 except 1866

1869 The month of December the wettest month since Sep. 1866

The Gange is on the crest of a hill separating the valleys of the Severn and the Wye about 4 miles from the mouth of the latter



Rainfall at Sydney

W H Bathurst  
Gloucestershire

30 69 69

Diameter of Gauge, 6 in.      Height above Ground, 1 ft.      Above Mean Sea Level, 35 ft.

Severn R. - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					#	4.34	5.21	4.86	5.55	4.87	
February - -						2.65	3.82	2.14	.82	5.15	
March - - -						1.30	2.11	3.21	3.07	1.80	
April - - - -						.62	1.57	3.06	2.44	1.51	
May - - - - -						2.21	.90	3.30	1.97	4.12	
June - - - - -						1.85	3.06	1.11	.62	2.20	
July - - - - -						3.82	2.41	2.34	.27	1.00	
August - - -						4.45	4.63	1.18	5.10	1.58	
September -						.00	9.17	1.70	3.06	6.33	
October - - -						6.25	2.42	3.36	3.41	2.06	
November - -						3.47	4.35	1.24	3.39	2.61	
December - -						3.76	2.24	2.10	6.65	6.99	
TOTALS -						34.80	41.89	29.60	36.35	40.22	

c c c c c



Rainfall at Boyle Court Dymock

Gloucester.

General Hammond

1863 66-67 68 69

Diameter of Gauge, ..... in.

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

Above Mean Sea Level, 133... ft. 60

Severn. 2-2 1/2

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -					1	1.04	2.82	3.29	2.87	5.58	
February - -						3.24	2.26	1.61	1.38	2.60	
March - - -						.84	1.67	3.75	1.40	1.48	
April - - -						.92	1.75	1.58	2.40	.87	
May - - - -					#	1.15	2.83	.90	2.80	2.13	4.84
June - - - -						1.13	1.42	2.36	.80	.36	1.12
July - - - -						.66	2.50	1.11	2.47	.73	.27
August - - -						.60	3.27	3.13	1.48	3.97	.94
September -						2.29	.02	5.56	2.41	3.49	5.87
October - - -						2.01	3.70	2.60	2.81	1.53	2.14
November -						1.71	3.07	1.29	1.26	1.92	2.00
December -						2.52	1.46	1.30	1.20	4.95	4.07
TOTALS -							24.31	26.75	25.46	27.21	31.78

1865 by on lawn free c c c c c c

Thinks the hills (Malvern & May) attract the rain and leave Dymock dry; often r. at Ledbury and Newent when none at Dymock, which lays low - suffers severely from frosts, Xmas '60 temp at 5 ft fell to -5° and all evergreens cut down.



# RAINFALL AT Berkeley Charity Cottage & Gloucester

Edw<sup>d</sup> W Osborn

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

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

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

Seven, L. 3.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....					#	3.08	3.46	4.44	4.21		
February .....						2.34	3.51	2.11	1.93		
March .....						1.27	1.80	3.60	2.70		
April .....						.80	1.82	2.25	1.94		
May .....						2.07	.77	2.72	1.71		
June .....						1.61	2.91	1.16	.51		
July .....						3.34	2.32	2.71	.29		
August .....						3.53	3.57	1.58	5.04		
September ...						.03	7.91	2.06	2.70		
October .....						5.21	2.74	2.86	2.09		
November ...						2.98	2.06	1.33	2.37		
December .....						2.31	4.04	1.97	5.45#		
TOTALS.....						29.37	36.91	28.79	32.54		

c c c c

1868 Only two thunderstorms during the one on the 29<sup>th</sup> May & the other on the 10<sup>th</sup> Dec.

Gauge moved to Berkeley Cottage only a few yards distant

Berkeley, Castle Gardens (incl. Charity Cottage & Salter Street)

Hya Sta No. 24 - 420175

NGR: ST(31) 685990

act: 18m







RAINFALL AT Nailsworth

*H. D. Humphreys for*  
 Observer *Edw. P. Westley*

*Spring Hill*

*Gloucesters.*

Rain { By.....

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

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

Above Mean Sea Level.....ft.

*Severn, 2-3.*

YEAR.....									1868	1869	MEANS.
January.....									<i># 4.65</i>	<i>6.29</i>	
February .....									<i>2.07</i>	<i>3.77</i>	
March .....									<i>2.49</i>	<i>1.66</i>	
April.....									<i>2.20</i>	<i>1.32</i>	
May .....									<i>1.66</i>	<i>4.09</i>	
June.....									<i>.36</i>	<i>1.55</i>	
July .....									<i>.28</i>	<i>1.19</i>	
August.....									<i>5.21</i>	<i>1.68</i>	
September....									<i>3.69</i>	<i>6.26</i>	
October .....									<i>2.84</i>	<i>2.81</i>	
November.....									<i>2.61</i>	<i>2.28</i>	
December.....									<i>6.04</i>	<i>5.86</i>	
TOTALS .....									<i>34.10</i>	<i>38.76</i>	

*c c*



RAINFALL AT Minchin Hampton  
Brimscombe Port

Gloucester.

Observer J. H. Tampton Esq. 68.

Rain { By.....

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

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

Above Mean Sea Level.....ft.

Season L-3.

YEAR.....								1867	1868	1869	MEANS.
January.....								3.44	3.87	5.23	
February .....								1.87	1.58	3.47	
March.....								2.63	2.73	1.37	
April.....								2.33	1.98	1.15	
May .....								1.74	1.32	3.54	
June.....								1.37	.31	1.33	
July .....								2.66	.29	.59	
August.....								1.46	4.42	1.54	
September.....								1.82	2.78	5.37	
October .....								2.28	2.41	3.28	
November.....								.65	2.34	2.12	
December.....								1.90	5.68	4.08	
TOTALS .....								24.15	29.71	33.07	

C



RAINFALL AT Rufford St. Strand

Emily - 'Village of Parkinsdale' of Lancaster

Observer Emily - Stanton

Rain { By.....

Gauge { .....

Diameter.....5.....in.

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

Above Mean Sea Level.....ft. 100.....ft.

Seven, L-3.

YEAR.....								1867	1868	1869	MEANS.
January.....								3.41	3.62	4.97	
February .....								1.60	1.73	3.04	
March .....								3.03	1.70	1.39	
April.....								2.34	1.76	.85	
May .....								2.39	1.53	3.10	
June.....								1.50	.28	1.35	
July .....								2.49	.41	.79	
August.....								1.75	4.78	1.47	
September.....								1.75	3.33	5.66	
October.....								2.49	2.27	2.21	
November.....								.90	2.47	2.12	
December.....								2.15	4.70	4.60	
TOTALS .....								25.80	28.58	31.55	

On lawn & open to E, SE, S & SW without interruption on SSW at a distance of 27 ft is a yew tree 20 ft high on W & NW some low shrubs at greater distance, on N a wall 12 ft high 31 ft off & on NE the house distant 21 ft.



# RAINFALL AT Castle Villa, Strand

60

Gloucester.

Rain By James Bateman and Co

Gauge { Diameter.....in. Height above Ground, ... ft. .... in. Above Mean Sea Level, 240 ft.

Series, L-3.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....						3.24	4.06	4.45	4.39	6.15	
February .....						2.40	2.88	2.10	2.16	3.45	
March .....						1.14	1.69	3.70	2.03	1.49	
April .....						.84	2.00	2.81	2.22	1.05	
May .....						2.23	1.15	2.29	1.75	3.18	
June .....						1.38	2.63	1.45	.35	1.39	
July .....						3.45	2.21	2.83	.33	.75	
August .....						4.31	4.57	1.73	4.75	1.46	
September ...						.10	7.69	1.98	4.00	6.26	
October .....						5.27	2.26	2.51	2.53	2.28	
November ...						3.29	1.70	1.65	2.95	2.18	
December .....						2.45	2.59	1.43	6.15	5.38	
TOTALS .....						30.10	35.43	28.93	33.61	35.02	

c c c c c



RAINFALL AT Stonehouse

W Bishop

Gloucestershire

Rain { By .....

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

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

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

Severn, L - 3.

YEAR.....							1866	1867	1868	1869	MEANS.
January .....							3.41	3.91			
February .....							2.93	1.84			
March .....							1.97	3.10			
April .....							1.85	2.92			
May .....							1.14	1.96			
June.....							2.86	1.42			
July .....							1.96	2.65			
August .....							3.34	1.97			
September ...							7.69	1.50			
October.....							1.84	2.77			
November.....							2.01	1.48			
December.....							2.66	1.40			
TOTALS .....							33.66	27.00			

c c

Gone to Buck House Stroud



# Saul Lodge, Stonehouse, Trampton on Severn

Gloucester.

W.B. Cogram

Severn, L- 3.

+ Ground 3 ft 6 in

+ S.L 42 ft

YEAR - -	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.51	1.50	2.74	3.31	3.79	3.68	4.66		
February - -	.51	1.57	2.36	2.49	1.90	1.53	3.19		
March - - -	.70	2.27	.93	1.22	2.89	1.42	1.24		
April - - - -	1.21	.80	.63	1.90	2.17	1.67	.80		
May - - - -	1.16	1.11	2.07	.96	2.72	1.65	3.87		
June - - - -	4.52	1.20	1.07	2.16	1.27	.30	1.09		
July - - - -	.40	.52	3.46	1.81	1.69	.42	.98		
August - - -	# 3.04	.61	2.56	3.03	1.36	4.30	1.19		
September -	2.96	2.47	2.94	.05	6.38	1.92	2.77	4.82	
October - -	4.31	3.47	1.45	4.32	2.43	2.49	1.95	2.10	
November -	.90	1.67	2.58	2.81	1.20	1.44	2.36	1.69	
December -	1.54	.98	2.31	2.00	2.57	1.30	4.79	4.65	
TOTALS -	22.64	18.86	25.00	29.46	24.94	26.84	30.28		

c c c c c c c c c

Nyd Sta. no: 24-420581

NGR: 50(32) 745084

alt: 13m



Luedgely, Gloucesters

J. Curtis Haywood

14 66

8 in

50 67 68-57

Sta 5

10 in + Ground 68 100 ft + S. L.

Severn, L - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.48	1.10	2.64	2.62	1.44	3.26	3.45	4.04	3.46	5.50	3.099 +
February - -	.57	2.39	.25	.70	1.51	1.88	2.56	2.10	1.77	3.67	1.740
March - - -	2.15	2.22	3.70	.70	2.57	.93	1.62	3.36	1.82	1.58	2.065
April - - - -	1.19	.57	2.51	1.17	.63	.66	2.20	2.04	1.56	1.05	1.358 -
May - - - -	3.01	1.36	3.89	.94	1.27	2.14	.98	2.09	2.29	3.12	2.109
June - - - -	5.48	1.97	3.75	5.20	1.26	2.14	2.30	1.25	.26	1.42	2.503
July - - - -	1.80	3.89	1.97	.44	.55	4.48	1.92	2.36	.58	.94	1.893
August - - -	4.10	.91	1.38	3.67	.65	2.67	3.35	2.17	3.22	1.09	2.321
September -	2.53	2.12	3.16	2.49	2.42	.08	6.85	1.65	2.51	6.20	3.001
October - -	2.11	2.06	4.13	3.08	1.70	4.79	2.49	2.79	1.85	1.92	2.692
November -	2.60	3.25	.78	1.90	2.59	2.30	1.45	1.22	2.74	2.05	2.088
December -	2.77	1.88	1.80	.83	2.20	2.19	2.34	1.29	5.07	5.15	2.552
TOTALS -	31.79	23.72	29.96	23.74	18.79	27.52	31.51	26.36	27.13	33.69	27.421

c c c c c c c c c c + c

1864 the driest y. since 1849 the next driest being  
1854 = 19.61

Nyd Sta. No: 24 - 461016

NGR: 50 (32) 803143

alt: 20m



RAINFALL AT *Witcombe Court*

*5m from Gloster at the foot of the Cotswold hills  
Gloucester.*

*Anthony Bubb*

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

Height above Ground, *2*.... ft. .... in. Above Mean Sea Level, *225*.. ft.

*Seven, L-3.*

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....			<i>2.46</i>	<i>3.00</i>		<i>2.88</i>	<i>3.81</i>	<i>3.63</i>	<i>2.94</i>	<i>5.00</i>	
February .....			<i>.15</i>	<i>.70</i>		<i>3.19</i>	<i>2.64</i>	<i>1.55</i>	<i>1.59</i>	<i>2.75</i>	
March .....			<i>3.44</i>	<i>4.10</i>		<i>1.71</i>	<i>2.38</i>	<i>2.43</i>	<i>1.77</i>	<i>1.54</i>	
April .....			<i>2.11</i>	<i>1.29</i>		<i>1.00</i>	<i>2.50</i>	<i>2.16</i>	<i>1.58</i>	<i>1.19</i>	
May .....			<i>4.19</i>	<i>.91</i>		<i>1.92</i>	<i>1.18</i>	<i>1.83</i>	<i>1.30</i>	<i>3.56</i>	
June .....			<i>3.21</i>	<i>5.79</i>		<i>1.80</i>	<i>2.70</i>	<i>1.57</i>	<i>.20</i>	<i>1.09</i>	
July .....			<i>1.59</i>	<i>.81</i>		<i>4.59</i>	<i>2.22</i>	<i>2.38</i>	<i>.77</i>	<i>.43</i>	
August .....			<i>2.71</i>	<i>3.60</i>		<i>2.78</i>	<i>3.18</i>	<i>1.64</i>	<i>4.00</i>	<i>.94</i>	
September ...			<i>3.70</i>	<i>2.71</i>		<i>.09</i>	<i>7.24</i>	<i>1.89</i>	<i>3.47</i>	<i>4.66</i>	
October .....			<i>3.69</i>	<i>3.09</i>		<i>4.86</i>	<i>2.09</i>	<i>2.24</i>	<i>2.25</i>	<i>2.49</i>	
November ...			<i>.80</i>	<i>2.30</i>		<i>3.33</i>	<i>2.07</i>	<i>.78</i>	<i>2.38</i>	<i>2.03</i>	
December .....			<i>1.79</i>	<i>1.31</i>		<i>1.53</i>	<i>1.65</i>	<i>1.64</i>	<i>4.80</i>	<i>4.31</i>	
TOTALS.....	<i>29.47</i>	<i>22.29</i>	<i>29.84</i>	<i>26.61</i>		<i>29.68</i>	<i>33.66</i>	<i>23.74</i>	<i>27.05</i>	<i>29.99</i>	

*Imperfect so not sent*

*C C C C C C C C C C*

*No tree or wall within 12 yards.  
Gauge on the lawn by the house.  
1865 given as 28.78 in another copy.*



RAINFALL AT *Whitcombe - W. W.**Gloucester.*Observer.....*S. Small Esq.*

Rain { By.....

Gauge { Diameter.....*8*.....in.Height above Ground, *3*.....ft.....in.Above Mean Sea Level.....*247*.....ft.*Season L - 3.*

YEAR.....				1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....				<del>2.95</del>	1.96	2.88	3.20	3.68	3.27	5.06	
February .....				.67	1.73	2.11	2.83	1.75	1.79	3.46	
March .....				1.13	2.49	1.30	2.12	2.17	2.30	1.26	
April.....				1.30	.69	1.05	2.54	2.32	1.97	1.40	
May .....				.91	1.68	1.92	.73	1.83	1.70	3.26	
June.....				5.46	2.66	1.23	2.68	1.53	.23	1.13	
July .....				.76	.74	3.55	1.99	2.21	.26	.83	
August.....				3.70	.94	3.66	3.11	1.98	4.09	1.19	
September.....				2.32	2.82	.20	7.06	1.94	2.34	4.97	
October .....				3.82	2.19	4.56	1.98	2.45	3.27	2.56	
November.....				2.49	2.73	3.17	1.82	1.02	2.49	2.24	
December.....				.93	2.68	2.08	2.06	1.73	5.26	4.31	
TOTALS .....				26.44	23.31	27.71	32.12	24.61	28.97	31.67	

*Gauge not at all sheltered —*



Rainfall at Gloucester (The Spa)

Alfred Price

Diameter of Gauge, ..... in.

Height above Ground, 34 ft. .... in.Above Mean Sea Level, 84 ft.Seven, L - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					<sup>4</sup> 1.15	2.18					
February - -					1.23	1.57					
March - - -					2.27	.77					
April - - -					.58	.79					
May - - - -					1.40	1.70					
June - - - -					1.14	1.43					
July - - - -					.52	3.47					
August - - -					.81	2.22					
September -					2.20	.09					
October - -					1.97	3.38					
November -					1.92	2.37					
December -					2.09	1.80					
TOTALS -					17.28	21.85					

18 1/2 ft. on the roof level with the chimney pots fitted on lead flat, composition gas pipe descending to graduated glass in room below



The Spa Park House  
Gloucester

A. Price

50 66 69

50 63

3 6 69 66 69

X

Basilla 5 in + ground 3 ft 2 in 61 + Sea Level 65 feet  
 Seven, L- 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	# 3.02	.07	2.32	2.15	1.12	2.17	2.75	3.37	2.83	4.66	
February - -	.49	1.97	.22	.58	1.27	1.62	2.11	1.68	1.43	3.00	
March - - -	1.99	1.90	2.95	.56	2.28	.78	2.07	2.58	1.62	1.19	
April - - -	.90	.54	2.11	1.13	.53	.79	.75	1.56	1.43	1.07	
May - - - -	2.69	1.20	3.33	.85	1.36	1.79	.91	2.12	1.90	3.10	
June - - - -	4.99	2.38	3.51	3.96	.90	1.37	2.54	.76	.17	1.18	
July - - - -	1.15	4.14	1.64	.36	.56	3.60	1.48	1.46	.74	.66	
August - - -	3.74	.70	1.51	2.79	.76	2.16	3.12	1.60	3.24	.90	
September -	2.66	1.95	3.10	2.11	2.16	.09	6.26	1.81	3.25	4.93	
October - - -	1.83	1.46	3.85	2.98	1.79	3.31	2.13	2.46	1.41	1.95	
November -	2.31	2.60	.72	1.87	2.26	2.31	1.32	1.25	2.21	1.93	
December -	2.22	1.59	1.60	.72	2.10	1.82	1.68	1.11	*4.04	4.47	
TOTALS -	27.99	21.30	26.86	20.06	17.11	21.81	27.12	21.76	(24.27)	29.04	(23.732)

c c c c c c c c c c

X in his letter of 1/5/62 50ft + Ordnance Datum  
 1865 by on open lawn but there is a large Lobusnut  
 tree 12 yds W of it, to the effect of which in W winds I  
 attribute the occasional difference from the other gauge  
 1868 \* D.S. 1862 28th Sept the funnel choked and funnel nearly  
 full.



Gloucester  
County Asylum

Dr. Williams

E Toller 1869

+ Ground 1.0 foot?

+ Sea Level 100 feet

Severn L-3.

YEAR - -	1860	1861	1862	1863	1864					1869	MEANS.
January - -	3.01	1.11	2.53							4.68	
February - -	.45	2.03	.27							3.56	
March - - -	2.00	2.06	3.51							1.46	
April - - -	1.03	.56	2.23							1.18	
May - - - -	2.87	1.16	3.34							3.37	
June - - - -	5.34	2.38	3.49							1.27	
July - - - -	.91	4.15	1.01							.39	
August - - -	3.95	.59	1.86							1.37	
September -	2.53	1.68	3.22							3.34	
October - -	1.63	1.50	4.09							3.70	
November -	2.04	2.88	.57							1.90	
December -	2.25	1.73	1.16							4.21	
TOTALS -	28.01	21.83	28.08							30.43	

1869 Mr. Williams writes since I left the Asylum in  
1863 I have kept no register of rainfall



Rainfall at Barnwood House (2 m. S. E. of Gloucester)

Alf. J. Wood. M.D.

A & Z

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

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

Above Mean Sea Level, ..... 62 ..... ft.

Season, L - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 1.55	3.13		#	2.97	4.90	
February - -					1.42	1.71			1.68	3.48	
March - - -					2.60	1.00			1.93	1.52	
April - - -					.43	.83			1.40	1.12	
May - - - -					1.81	1.84			1.75	3.43	
June - - - -					1.36	1.22			.20	1.56	
July - - - -					.51	4.28			.88	.45	
August - - -					.68	2.83			3.48	1.48	
September -					2.25	.08			2.50	3.28	
October - -					1.94	3.68			3.08	3.44	
November -					2.28	2.81			1.74	1.99	
December -					2.43	1.51	#		3.90	4.52	
TOTALS -					19.26	24.92			25.51	31.17	

1865 g on Lawn free

1869 Mr. Wood writes I have sent all I have as I broke my glass.



Ivingworth  
Gloucester  
 W B Clegram

+ ground

+ Sea Level 50 ft

Seven, L- 3.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	2.74	.77	2.31								
February - -	.57	2.23	.26								
March - - -	1.92	1.75	3.15								
April - - -	1.00	.62	2.06								
May - - - -	2.82	1.15	3.82								
June - - - -	4.92	1.89	3.11								
July - - - -	.78	3.80	1.49								
August - - -	4.18	.43	1.93								
September -	2.87	1.76	#								
October - - -	1.85	1.51									
November - -	2.37	2.64									
December - -	2.46	1.61									
TOTALS -	28.48	20.16									

v c c

Nga Sta: no. 24 - 459295

NGR: SO(32) 849224

alt: 12 m



RAINFALL AT Cheltenham Heath Lodge  
gloucester.

Observer Rev M. A. Smelt

Rain { By.....

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

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

Above Mean Sea Level. 206.....ft.

Severn, L-3.

YEAR.....								1867	1868	1869	MEANS.
January.....								3.97	2.86	5.15	
February.....								1.44	1.72	2.71	
March.....								2.86	2.61	1.47	
April.....								1.71	1.82	1.44	
May.....								3.05	1.20	3.12	
June.....								1.69	.15	1.57	
July.....								2.35	1.05	.57	
August.....								1.80	3.67	1.13	
September.....								1.83	2.43	3.43	
October.....								2.88	2.34	2.34	
November.....								.37	2.44	2.36	
December.....								1.38	4.90	4.12	
TOTALS ....								25.33	27.19	29.35	

Hyd Sta No: 24 - 458357

NGR: 50(32) 963240

alt: 63m



Rainfall at Cheltenham (Brandon House)

Gloucester.

A. T. Myers Esq.

Basella

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

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

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

Severn, R - 3.

YEAR - -								1867		MEANS.
January - -								3.95		
February - -								1.68		
March - - -										
April - - -										
May - - - -										
June - - - -										
July - - - -										
August - - -										
September -										
October - -										
November -										
December -										
TOTALS -										

c



RAINFALL AT Cheltenham

Henry D Humphries

Keynsham Bank

Gloucester.

Rain { By .....  
Gauge { .....  
(Diameter.....0.....in. Height above Ground, 6... ft. 6... in. Above Mean Sea Level, 231... ft.

Severn, L - 3.

YEAR.....							1866	1867	1868	1869	MEANS.
January .....						#	3.13	3.97	3.00	5.16	
February .....							2.98	1.44	1.07	2.68	
March .....							1.95	2.99	2.76	1.71	
April .....							2.55	1.93	1.97	1.36	
May .....							.92	2.20	1.36	3.71	
June.....							2.85	1.75	.27	1.49	
July .....							2.13	2.72	1.22	.55	
August.....							3.17	1.91	3.47	1.26	
September ...							5.54	1.83	2.43	4.75	
October.....							2.14	2.77	2.01	1.74	
November.....							1.68	.59	2.53	2.21	
December.....							1.55	1.64	5.00	4.38	
TOTALS .....							30.59	25.74	27.09	31.00	

c c c c



## RAINFALL AT

Whithorne House

Charlton Kings Cheltenham

Gloucester.

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

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

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

Severn, L-3.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1868	MEANS.
January .....						3.27					
February .....						1.84					
March .....						.97					
April .....						1.35					
May .....						2.42					
June .....						1.46					
July .....				2.86		5.20					
August .....				2.25		3.33					
September ...				2.11		.08					
October .....				3.70		4.25					
November ...				2.15		2.75					
December .....				.80		2.45	*				
TOTALS.....						29.37					

C

C



Rainfall at Ham House, Charlton H.  
Cheltenham

Gloucester.

J. H. Potter, M.A.

Diameter of Gauge, 5 in.

Height above Ground, 1 ft. 6 in.

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

Severn, L. - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					#1.50						
February - -					1.78						
March - - -					2.68						
April - - -					.73						
May - - - -					2.01						
June - - - -					1.02						
July - - - -					.56						
August - - -					.75						
September -					2.54						
October - - -					2.50						
November -					2.60						
December -					.90						
TOTALS -					19.57						

C



RAINFALL  
Cheltenham  
 General Hospital  
 Charles Moon

Gloucester.

+ Ground 6 in  
 Severn, L - 3.

+ Sea Level 200 ft.

YEAR -	1860	1861	1862	1863	1864						MEANS.
January - -				2.71	1.37						
February - -				.69	1.69						
March - - -				.55	2.69						
April - - -				1.25	.67						
May - - -				.60	1.84						
June - - -				5.08	1.06						
July - - -				.71	.64						
August - -				3.01	.79						
September -			#	3.74	2.70						
October - -				3.89	3.03						
November -				.66	2.00						
December -				1.61	.97						
TOTALS -				23.30							

1863 c c c

1863 a continuous rain on June 10 = 2.15 in



# RAINFALL AT Cheltenham

60

*The Wetherly Sewage Works*

*Gloucester.*

*H D Humphries*

Rain { By .....

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

Height above Ground, 16 ft. 9 in.

Above Mean Sea Level, 173 ft.

*Seven, 6-3.*

YEAR .....								1867	1868	1869	MEANS.
January .....								# 3.71	2.15	4.00	
February .....								1.23	.96	2.00	
March .....								1.50	.47	.78	
April .....								1.42	.63	1.14	
May .....								1.50	1.23	2.30	
June .....								1.23	.12	1.33	
July .....								1.90	.32	.40	
August .....								1.64	2.73	.78	
September ...								1.65	2.84	3.72	
October .....								2.55	1.39	1.31	
November ...								59	1.76	1.67	
December .....								1.44	3.00	3.15	
TOTALS .....								2036	17.68	22.58	

*c c c*







RAINFALL AT *Cheltenham Parkway**G. Loucester*Observer.....*G. McGill Esq.*

Rain { By.....

Gauge { Diameter.....*5*.....in.Height above Ground,.....ft..*10*..in.Above Mean Sea Level..*320*..ft.*Severn, L - 3.*

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 .....										<i>31.58</i>	

*c*



Bristol

Water Works Office Small St.  
Gloucester.

C W Bragge

Diam 1ft + Ground 25 ft  
Lower down - 5.

+ Sea Level 40 ft?

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.52	.99	3.00	4.11	1.23	2.99	4.19	4.43	5.16	5.10	3.572 +
February - -	.88	2.33	.29	.64	1.68	2.26	4.48	2.61	1.60	4.28	2.105
March - - -	2.50	2.90	4.16	.76	2.31	.97	1.97	4.11	1.60	1.18	2.246
April - - - -	1.44	.02	2.63	2.07	1.22	.62	1.50	3.18	2.01	.77	1.546 -
May - - - - -	2.96	1.71	2.95	2.04	.67	1.69	1.05	2.20	1.64	5.56	2.187
June - - - - -	5.88	3.32	2.36	3.86	1.56	1.53	3.43	1.92	.62	.91	2.539
July - - - - -	1.67	3.41	2.09	.38	.76	4.23	2.09	2.81	.50	.96	1.890
August - - -	4.75	1.83	1.14	3.35	.83	8.62	3.13	1.90	5.52	1.58	3.265
September -	2.13	3.39	2.10	2.92	2.61	8.00	7.41	1.38	2.72	4.87	2.953
October - - -	2.57	1.89	5.02	4.47	1.59	4.70	1.73	3.19	2.79	2.57	3.052
November -	2.42	4.27	1.35	2.68	2.36	3.15	2.35	1.80	1.49	2.48	2.435
December -	2.91	1.20	1.96	1.41	1.61	3.40	4.37	1.59	5.04	4.10	2.759
TOTALS -	34.63	26.66	29.05	28.69	18.43	34.16	37.70	31.72	30.69	34.36	30.549

c c c c c + c c c c



Bristol

Park Row

gloucester.

G W Bragg Esq.

Engineers House

T. Bell Esq. Engineer

Diam 5 in + Ground 6 ft + Sea Level 140 ft  
 L. above - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.27	1.13	2.86	3.88	1.66	3.21	4.37				
February - -	1.13	2.71	.53	.92	1.74	2.96	4.70				
March - - -	2.64	3.09	4.88	.94	2.41	1.12	2.08				
April - - -	2.10	.32	2.97	1.62	1.56	.70	1.60				
May - - - -	3.00	1.28	3.24	2.29	.70	2.11	.59				
June - - - -	7.16	3.66	2.64	4.36	2.06	1.53	2.56				
July - - - -	2.21	4.46	2.44	.45	.94	3.03	3.30				
August - - -	5.44	2.51	1.42	4.08	.88	0.46	3.20				
September -	2.49	3.68	2.36	3.28	3.56	.05	7.58				
October - - -	2.77	2.08	5.02	4.92	1.98	4.67	1.75				
November - -	2.63	4.59	1.48	2.98	2.36	3.25	2.17#				
December - -	3.44	1.42	2.11	1.17	2.08	2.73					
TOTALS -	40.28	30.93	31.95	30.89	21.93	33.82					

C C C C C C C

1859

Sept. # 3.85

Oct 2.10

Nov 3.02

Dec 3.61



Bristol

Institution Park St

Gloucester.

Benf. Wright

+ Ground 56 feet

+ Sea Level 98 feet

L avon - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	6.10	1.14	2.69	4.11	1.67	3.62	5.62	4.65	5.13	4.52	3.925	+
February - -	1.41	2.59	.64	.92	1.87	3.28	5.07	2.75	1.40	4.39	2.432	
March - - -	3.05	3.15	4.28	.87	2.40	1.28	2.26	3.52	2.18	1.37	2.426	
April - - -	2.46	.25	2.63	1.97	1.27	.81	1.77	3.46	2.13	.91	1.766	-
May - - - -	3.17	1.09	3.18	2.28	.72	2.15	.88	2.24	1.53	5.41	2.265	
June - - - -	7.22	3.44	2.69	4.15	2.19	.41	2.32	1.91	.58	.93	2.584	
July - - - -	2.34	4.03	2.40	.38	1.11	3.79	2.98	2.74	.46	.77	2.100	
August - - -	6.04	2.28	1.35	3.67	.87	7.66	3.07	1.70	5.49	1.75	3.388	
September -	2.30	3.65	2.28	3.09	3.98	.06	7.53	1.19	2.70	4.56	3.134	
October - - -	3.39	1.99	5.84	4.53	2.07	4.85	1.58	3.49	3.01	2.83	3.358	
November - -	2.56	4.74	1.48	3.45	2.66	3.70	2.58	1.38	1.70	2.37	2.662	
December - -	2.92	1.34	2.19	1.26	2.80	2.41	4.76	2.29	5.32	3.86	2.915	
TOTALS -	42.96	29.59	31.65	30.68	23.61	34.02	40.42	31.32	31.63	33.67	32.955	

+ c c c c c c c c c c



# RAINFALL AT Bristol

60

*West P. Bishop*

*Green Bank Montpelier*

*Gloucester.*

*51° 27' N*

*2° 36' W*

Rain { By .....

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

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

Above Mean Sea Level, *107* ft.

*L. ann - 5.*

YEAR.....							1866	1867	1868	1869	MEANS.
January .....							<i>4.14</i>	<i>4.76</i>	<i>5.85</i>	<i>5.22</i>	
February .....							<i>4.84</i>	<i>2.63</i>	<i>1.80</i>	<i>4.02</i>	
March .....							<i>1.98</i>	<i>4.42</i>	<i>1.82</i>	<i>1.39</i>	
April .....							<i>1.64</i>	<i>3.06</i>	<i>2.19</i>	<i>1.00</i>	
May .....							<i>1.29</i>	<i>2.55</i>	<i>1.61</i>	<i>5.67</i>	
June.....							<i>3.67</i>	<i>1.99</i>	<i>.84</i>	<i>1.11</i>	
July .....							<i>2.61</i>	<i>2.76</i>	<i>1.19</i>	<i>.96</i>	
August.....							<i>3.12</i>	<i>1.94</i>	<i>5.74</i>	<i>1.42</i>	
September ...							<i>7.33</i>	<i>1.30</i>	<i>2.84</i>	<i>5.69</i>	
October.....							<i>2.03</i>	<i>3.46</i>	<i>2.62</i>	<i>2.55</i>	
November.....							<i>2.30</i>	<i>1.94</i>	<i>1.73</i>	<i>2.28</i>	
December.....							<i>4.78</i>	<i>1.48</i>	<i>5.55</i>	<i>4.47</i>	
TOTALS .....							<i>39.73</i>	<i>32.29</i>	<i>33.78</i>	<i>35.78</i>	

*c c c c*

*Gauge on side of hill gently sloping to S*



Colifton

South Parade.

Gloucester.

Observer W. C. Burder Esq.

Map Ref. No. 5

Gauge 8 in diam. Above ground 6 in Above Sea Level 192 ft  
 L. Avon - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	4.94	1.03	3.20	4.09	1.56	3.76	4.22	4.87	5.90	5.37	3.894	+
February - -	.99	2.75	.41	.81	1.88	2.88	4.80	2.71	1.97	3.88	2.308	
March - - -	2.92	2.94	4.50	.83	2.62	1.16	2.09	4.80	1.79	1.20	2.491	
April - - -	1.69	.30	3.13	1.89	1.40	.73	1.68	3.41	2.31	1.13	1.767	-
May - - - -	3.54	1.39	3.36	2.25	.86	1.99	1.12	2.52	1.77	6.30	2.510	
June - - - -	7.10	3.34	2.73	4.65	2.12	1.58	3.62	2.07	.64	1.03	2.888	
July - - - -	1.07	4.53	2.53	.51	1.00	4.23	2.66	2.73	.80	.96	2.190	
August - - -	5.68	2.57	1.45	3.88	1.12	8.51	3.26	2.05	5.76	1.40	3.568	
September -	2.43	3.86	2.39	3.58	3.36	.02	7.40	1.34	2.99	5.77	3.314	
October - -	3.03	2.28	5.72	5.20	1.90	4.97	1.92	3.64	2.76	2.44	3.386	
November -	2.83	4.86	1.47	2.90	2.95	3.25	2.39	2.20	1.67	2.40	2.692	
December -	3.78	1.46	1.98	1.67	1.98	3.42	4.95	1.57	5.67	4.29	3.077	
TOTALS -	40.80	31.31	32.87	32.26	22.75	36.50	40.11	33.97	34.11	34.17	34.085	

+ c c c c c c c c c c

1860 agrees with ppt by S Marshall

1860 The total rainfall of the year exceeds the  
 average of the 16 years by more than 2 inches

Nga Sta. No: 24-418368

NGR: ST(31) 578738

act. 58m



Lelington

Gloucester.

W. C. Brorder Esq<sup>r</sup>+ Ground 50 feet  
L. avm - 5.

+ Sea Level 242 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.27	.77	2.80	3.30	1.16	2.48	3.28	4.24	4.43		
February - -	.74	2.30	.30	.58	1.42	1.88	4.05	2.00	1.53		
March - - -	2.34	2.36	3.80	.59	1.95	.81	1.63	3.54	1.22		
April - - -	1.32	.22	2.75	1.56	1.11	.51	1.33	2.63	1.82		
May - - -	3.21	1.06	2.95	1.97	.62	1.54	.83	2.17	1.52		
June - - -	6.44	2.93	2.48	3.99	1.66	1.38	3.18	1.70	.58		
July - - -	1.63	4.22	2.20	.45	.84	3.84	2.34	2.29	.76		
August - - -	5.15	2.32	1.26	3.52	.93	7.70	2.84	1.78	4.25		
September -	2.22	3.55	2.12	3.08	2.87	.01	6.58	1.09	2.82		
October - -	2.68	2.06	5.07	4.49	1.45	4.35	1.67	3.04	2.14		
November -	2.33	4.30	1.20	2.43	2.31	2.87	1.82	1.94	1.15		
December -	3.19	1.30	1.68	1.25	1.68	2.86	4.10	1.10	4.72	#	
TOTALS -	35.52	27.39	28.61	27.21	18.00	30.22	33.65	27.52	27.54		

C C C C C C C C C

Sir "In a table published by Mr. Smith for 1861 my fall is stated as 37.26 the error is not mine it was correct for lower gauge (see preceding page) 31.31 as sent to you, W. C. B."



RAINFALL AT

Colleton

Royal York Crescent

Gloucester.

Alfred North Esq.

Rain { By .....  
Gauge { .....  
Diameter.....12  $\square$  in.

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

Above Mean Sea Level, 197  $\frac{1}{2}$  ft.

L. avon - 5.

YEAR .....							1867	1868	1869	MEANS.
January .....							<sup>R</sup> 4.91	5.74	5.37	
February .....							2.69	1.93	4.00	
March .....							4.60	1.74	1.24	
April .....							3.31	2.38	.97	
May .....							2.44	1.72	6.03	
June .....							1.96	.62	.98	
July .....							3.17	.69	1.03	
August .....							2.04	5.67	1.62	
September ...							1.43	3.20	5.51	
October .....							3.83	2.92	2.33	
November ...							2.20	1.73	2.67	
December .....							1.76	5.81	4.21	
TOTALS .....							34.34	34.15	35.96	

c c c

1870 Jan 2.33 Feb 1.21 Mar 1.57 April .54  $\frac{1}{2}$



# RAINFALL AT

Leighton

60

Royal York Crescent

Gloucester.

Alfred North Esq.

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

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

Above Mean Sea Level, 19.73 ft.

L. am - 5.

YEAR .....								1867	1868	1869	MEANS.
January .....								4.85	5.67	5.32	
February .....								2.70	1.88	3.91	
March .....								4.60	1.69	1.21	
April .....								3.25	2.35	.93	
May .....								2.43	1.68	6.03	
June .....								1.95	.60	.97	
July .....								3.15	.65	1.01	
August .....								2.03	5.62	1.60	
September ...								1.42	3.16	5.48	
October .....								3.85	2.89	2.31	
November ...								2.18	1.70	2.61	
December .....								1.70	5.71	4.13	
TOTALS .....								34.11	33.60	35.51	

c c c

1869 You will observe my gauges are now 12 instead of 8 in above, by slightly altering the position, the height above S.L. remains the same

1870 Jan 2.29 Feb 1.17 Mar 1.53 April .54



RAINFALL AT Bristol & Cotham Road

Gloucester.

Observer R. F. Sturge Esq.

Rain { By.....

Gauge { Diameter.....5.....in.Height above Ground,.....ft.....8.....in.Above Mean Sea Level 267 ft.L. avon - 5.227

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	4.97	1.07	3.19	4.04	1.51	<sup>#</sup> 3.47	3.86	4.59	5.48	4.70	3.688
February.....	1.04	2.83	.47	.85	1.88	2.55	4.85	2.66	1.79	3.84	2.276
March.....	2.75	3.00	4.53	.84	2.56	1.14	2.21	4.99	1.83	1.43	2.528
April.....	1.81	.35	3.22	1.95	1.40	.84	1.84	3.31	2.23	1.03	1.798
May.....	3.63	1.33	3.43	2.41	.86	1.95	1.29	2.66	1.84	6.42	2.582
June.....	7.22	3.49	2.73	4.86	2.39	1.69	3.90	2.15	.71	1.16	3.030
July.....	2.09	4.77	2.65	.47	1.02	4.39	2.85	2.73	1.07	1.03	2.307
August.....	5.75	2.73	1.47	4.14	1.19	8.70	3.27	2.21	6.31	1.40	3.717
September.....	2.60	4.10	2.42	3.63	3.58	.05	7.68	1.34	3.09	5.55	3.404
October.....	3.13	2.37	5.79	5.18	1.96	4.97	2.04	3.65	2.62	2.62	3.433
November.....	2.74	4.92	1.47	2.83	2.79	3.05	2.57	2.01	1.48	2.46	2.632
December.....	3.90	1.41	2.06	1.62	2.07 <sup>#</sup>	3.20	4.75	1.64	5.40	4.19	3.024
TOTALS ....	41.63	32.37	33.43	32.82	23.21	36.00	41.11	33.94	33.85	35.83	34.419

Gauge moved to 1 Alma Road, Cotham at end of 1864  
about 1/4 mile E of Cotham Road

Cotham Road - G. on lawn in a large garden

Alma Road - G. in small garden on W side of the house,  
perhaps slightly sheltered.



RAINFALL AT Bristol

*Over Court n. Bristol Gloucesters.*

Observer *H. C. Cann Lippinott*

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

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

Above Mean Sea Level <sup>7</sup> *148* ft.

*6. am - 5.*

YEAR.....										<i>1869</i>	MEANS.
January.....										<del>#</del> <i>4.80</i>	
February .....										<i>3.70</i>	
March .....										<i>1.50</i>	
April.....										<i>1.00</i>	
May .....										<i>5.10</i>	
June.....										<i>1.30</i>	
July .....										<i>.80</i>	
August .....										<i>1.70</i>	
September.....										<i>5.20</i>	
October .....										<i>3.30</i>	
November.....										<i>2.20</i>	
December.....										<i>4.30</i>	
TOTALS .....										<i>34.90</i>	

*C*



# Badminton, Chipping Sodbury

Gloucester.

A. M. Houghton

John Trotter

English

10 in

8 ft + S.L.

L. avn - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			3.09	3.00	1.61	3.83	4.26	5.11	3.84	4.64	
February - -			.45	.74	1.86	2.99	4.47	2.42	1.89	3.39	
March - - -			3.75	.93	3.19	1.30	2.32	4.52	1.82	2.05	
April - - -			2.80	1.92	1.64	1.01	1.88	3.85	2.31	1.21	
May - - - -			4.82	1.84	1.25	2.10	1.10	2.61	.47	5.72	
June - - - -			3.03	5.21	2.27	1.71	3.16	2.34	.20	1.37	
July - - - -			1.76	.54	.81	4.61	2.48	3.97	.75	.83	
August - - -			2.14	3.81	.96	6.32	3.62	1.99	4.53	1.68	
September -		#									
October - -		from 1 <sup>st</sup>	2.40	3.67	3.37	3.59	.07	6.66	1.86	3.39	5.44
November -			1.91	5.11	4.80	2.15	5.25	1.80	3.20	2.34	3.82
December -			4.93	.82	2.62	2.62	3.65	2.51	1.44	1.72	2.60
TOTALS -			1.51	1.70	1.74	2.91	2.28	4.09	2.00	6.16	4.71
			33.14	30.60	24.86	35.12	38.35	35.31	29.42	37.46	

c c c c c c c c c c

1863 Mar 10<sup>th</sup> of June



# RAINFALL AT

*Rempsford (Gloucestershire)*

*Reery Farm, Fairford*

*R. S. Iles*

*Gloucester.*

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

Height above Ground, ..... ft. *8 1/2* in.

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

*Windrush - 7.*

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....			<i>#</i> 2.44	1.10	2.31	2.85	3.37	3.76	4.40		
February .....			.62	1.66	2.07	2.82	1.76	1.74	2.95		
March .....			.80	2.01	1.00	1.31	2.97	1.73	1.38		
April .....			1.17	1.41	1.08	2.16	2.49	1.59	1.03		
May .....			1.10	1.42	1.62	.79	2.72	.96	4.34		
June .....			4.11	1.22	1.98	3.40	2.55	.62	1.44		
July .....			.59	.61	3.55	2.16	3.03	1.19	.64		
August .....			3.37	.72	3.75	3.15	2.38	3.60	1.34		
September ...			2.82	2.37	.22	5.21	2.03	3.89	4.83		
October .....			3.34	1.76	4.72	2.05	2.88	2.08	1.55		
November ...			1.99	2.33	2.70	1.53	.87	1.91	2.44		
December .....			1.03	1.39	2.09	2.65	1.16	4.36	3.51		
TOTALS .....			23.18	18.00	27.09	30.08	28.21	27.43	29.85		

*On an open space on grass free from trees*



RAINFALL AT Cirencester The Girs $\frac{1}{2}$  m S E of C

Gloucester.

Observer... John Bravender .....

Rain { By.....

Gauge { Diameter.....6.....in.Height above Ground,.....ft....2.....in.Above Mean Sea Level.....350.....ft.Windsuck - 7.

YEAR.....										1869	MEANS.
January.....										4.99	
February .....										3.10	
March .....										1.58	
April.....										1.29	
May .....										3.88	
June.....										1.32	
July .....										.80	
August.....										1.59	
September.....										5.80	
October .....										1.97	
November.....										2.49	
December.....										4.94	
TOTALS .....										33.75	

C

1869 We have had only two thunderstorms One on the 29<sup>th</sup> of Sept<sup>r</sup> of an unusually heavy character peeping over Cirencester from S E & NW between 6 & 7 p m the T was not so loud as it is some times but consisted of one continued roar and glare of L for three quarters of an hour during which time .70 in of rain fell

On lawn clear of trees.



Further Barton

nr. Cirencester

Gloucester.

J. C. Brown 62

1 mile NW of C.

Run Page Heavily

Sea 9 1/2 + Ground 1 ft 2 62 + Sea Level 446 feet  
windrush - 7.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	4.52	1.45	2.70	3.30	1.82	4.21	4.13	5.00	4.68	5.60	3.741	+
February - -	1.20	2.95	.35	.72	1.93	2.50	4.04	2.00	2.03	3.37	2.109	
March - - -	2.27	2.90	4.70	1.25	3.08	1.40	1.40	3.49	2.56	1.60	2.465	
April - - -	1.00	.65	2.22	1.23	1.40	1.25	2.15	3.33	2.20	1.42	1.685	-
May - - - -	3.85	1.15	3.95	1.40	1.50	1.92	.73	2.98	1.71	4.09	2.328	
June - - - -	5.92	2.65	2.97	5.32	1.35	2.05	4.15	1.88	.31	1.52	2.812	
July - - - -	1.75	3.94	2.08	.50	.88	5.50	2.10	4.29	.71	.72	2.247	
August - - -	5.03	.90	2.25	3.65	1.24	4.00	4.54	2.57	4.02	1.51	2.971	
September -	3.35	3.16	3.87	3.00	3.68	1.08	7.10	1.60	2.89	6.55	3.528	
October - -	2.00	1.74	4.72	3.75	2.25	6.46	2.15	3.50	2.64	2.00	3.121	
November -	3.00	4.10	.55	2.10	3.30	3.67	2.03	1.05	2.23	2.85	2.488	
December -	3.05	1.00	2.10	1.73	2.25	2.78	3.45	2.01	6.70	5.30	3.117	
TOTALS -	36.94	27.39	32.46	27.95	24.68	35.82	37.97	33.70	32.60	36.53	32.612	

c c c c c c c c c c

1861 Avg of 15 yrs 30.0 in

1860 = 36.96 in ppt by S. Marshall

1867 Agrees with ppt by S. Marshall

1868 The rainfall has exceeded the average of 20 yrs by 2.68 wholly due to the extraordinary fall in Dec. which was 4.30 above the average. The heat & drought of June & July was not compensated by the Autumn rains, and not being unusually cold the growth of crops was small and crop short.

1869 (Avg 21 yrs) ending in 1864 = 30 in

" " 1869 = 35.37

making " for 26 yrs of 31.0

1869 remarkable for heavy falls and notwithstanding the large average fall of rain for a dry summer, especially propitious for the heavy corn harvests J.C.B.



RAINFALL AT Leicester

Thames Head

Gloucestershire

Observer J. H. Tennant Esq.

Rain { By .....

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

Widbury - 7.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	2.61	1.40	2.70	2.94	1.78	2.41	3.75	2.72	3.44	4.15	2.790
February .....	2.02	2.74	0.46	0.55	1.60	2.17	3.41	2.05	1.39	3.00	1.939
March .....	2.46	2.35	4.80	1.08	3.00	1.11	1.11	2.14	2.40	1.18	2.163
April .....	1.52	0.76	2.47	1.13	1.06	1.09	2.20	2.55	1.93	1.14	1.585
May .....	3.69	1.16	3.78	1.06	1.06	1.86	0.72	2.82	1.39	3.99	2.153
June.....	6.13	2.22	2.70	3.54	1.42	0.97	3.21	1.33	0.40	1.48	2.340
July .....	1.61	3.77	1.90	0.44	0.94	4.90	2.67	3.71	0.43	.53	2.090
August.....	3.99	0.52	1.76	2.95	1.20	3.93	3.60	2.34	3.96	1.48	2.573
September.....	3.05	2.73	3.39	2.96	2.81	-	5.81	1.43	2.95	4.26	2.942
October .....	1.89	1.47	3.96	3.57	2.03	5.24	2.37	1.99	2.50	3.21	2.823
November.....	2.77	4.26	0.69	2.19	2.16	3.15	1.59	0.98	1.73	2.61	2.213
December.....	3.05	1.75	1.65	1.39	2.91	1.56	2.71	2.11	5.57	4.05	2.675
TOTALS .....	34.82	25.13	30.26	23.80	21.97	28.39	33.15	26.17	28.09	31.08	28.286

c c c c c c c c



RAINFALL AT Fairford

Gloucestershire 10 N of Swindon

Joseph Powell

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

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

Windrush - 7.

YEAR .....							1866	1867	1868	1869	MEANS.
January .....							3.77	3.36			
February .....							3.32	1.68			
March .....							1.43	3.23			
April .....							2.53	2.78			
May .....							1.01	2.67			
June .....							4.59	2.73			
July .....							2.09	3.57			
August .....							3.49	2.35			
September ...							5.53	1.88			
October .....							2.16	2.67			
November ...							1.69	.69			
December .....							2.75	1.85			
TOTALS .....							34.36	29.46			

c c

gone abroad



RAINFALL AT FairfordDean Farm NathropGloucesters.Observer.....Wm. Arkell.....

Rain { By.....

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

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

Above Mean Sea Level.....ft.

windrush - 7.

YEAR.....									1868	1869	MEANS.
January.....									3.88	5.07	
February .....									1.07	3.35	
March .....									2.86	1.68	
April.....									2.05	1.45	
May .....									1.03	3.66	
June.....									.59	1.55	
July .....									1.45	.51	
August.....									3.83	1.23	
September.....									2.98	4.69	
October .....									2.82	2.97	
November.....									1.97	2.37	
December .....									5.92	4.46	
TOTALS .....									30.45	32.99	

C C



RAINFALL AT Glanworth

Thos. Corkill 2 mi NW of North Leach

Gloucestershire

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

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

Windsor - 7.

YEAR .....							1866	1867	1868	1869	MEANS.
January .....								3.31	4.34	5.47	
February .....								2.49	2.31	3.57	
March .....								2.91	2.39	1.68	
April .....								3.12	2.61	1.94	
May .....							<u>4.22</u>	2.90	1.51	3.88	
June.....							4.61	1.72	4.3	1.56	
July .....							2.14	3.69	1.01	.91	
August.....							4.36	2.76	4.22	1.15	
September ...							7.17	2.62	3.05	5.89	
October .....							2.14	3.16	2.27	1.91	
November ...							2.31	.96	2.70	2.27	
December.....							2.73	2.27	6.07	5.14	
TOTALS.....								31.91	32.91	35.37	

c c c c



RAINFALL AT ChellenhamCowley ManorGloucester.Observer W. J. Sadler

Rain { By .....

Gauge { .....

Diameter.....in.

Height above Ground, 1 ft. 4 in.Above Mean Sea Level 400 ft.Windsrush - 7.

YEAR.....											1869	MEANS.
January.....											6.58	
February .....											3.49	
March .....											1.89	
April.....											1.60	
May .....											4.67	
June.....											1.67	
July .....											.70	
August.....											1.28	
September.....											5.89	
October .....											2.61	
November.....											2.61	
December.....											4.97	
TOTALS .....											38.24	

c



RAINFALL AT Worcester in MarshLongmoorGloucester.Observer... Wm. D. Bell ... Junr ... Esq.

Rain { By.....

Gauge { .....  
Diameter..... 5 ..... in.Height above Ground, ..... ft. 10 ..... in.

Above Mean Sea Level..... ft.

Windsor - 7.

YEAR.....							1866	1867	1868	1869	MEANS.
January.....							<del>#</del> 18 <sup>th</sup> 3.30	3.10	3.20	4.15	
February .....							2.65	1.47	2.96	2.48	
March .....							1.35	3.46	2.36	1.86	
April.....							2.09	2.46	1.55	1.43	
May .....							.80	2.90	.86	3.95	
June.....							2.76	1.56	.46	1.31	
July .....							1.76	2.89	1.04	.45	
August.....							2.98	2.57	4.23	1.05	
September.....							5.88	2.44	2.68	4.26	
October .....							2.12	2.52	2.08	1.67	
November.....							1.44	.43	2.12	2.58	
December.....							1.76	1.96	5.35	4.01	
TOTALS .....							25.97	27.76	26.89	29.19	

c c c c

ly on about 12 ft. from a wall 8 ft. high on the N  
and quite exposed on E, S. & W



Rocklands Rops

Wye

J. M. Herbert Esq

Hereford 68

107.57

100.66 57

8

+ ground 1<sup>th</sup> 10<sup>in</sup>.

+ Sea level 150ft

Wye - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.75	.81	3.00	4.82	1.47	3.75	5.64	5.15	4.92	9.04	4.335 +
February - -	.66	4.46	.96	.94	1.34	2.07	3.23	2.52	1.91	3.65	2.174
March - - -	3.02	2.73	4.98	1.27	3.29	.88	3.03	4.77	2.42	2.20	2.859
April - - -	1.37	.60	2.73	1.80	.88	.51	2.26	2.93	2.74	1.00	1.682 -
May - - - -	3.27	1.39	3.94	.75	.84	2.42	.96	3.34	1.39	3.93	2.223
June - - - -	7.12	2.48	3.81	4.27	1.51	1.60	2.39	1.09	.33	1.00	2.560
July - - - -	1.70	6.56	2.19	.71	.84	3.15	1.54	2.75	.42	.41	2.027
August - - -	4.95	.65	1.72	2.87	.82	4.01	3.28	1.80	5.52	1.07	2.669
September -	2.85	2.51	4.37	4.13	2.91	.06	8.50	1.73	4.86	5.75	3.767
October - -	2.17	2.41	4.39	4.00	2.38	5.52	2.56	3.52	2.06	1.89	3.090
November -	3.52	3.72	.93	2.38	3.95	4.38	1.95	1.18	3.05	1.71	2.677
December -	5.39	3.53	2.25	1.38	2.05	4.09	1.83	.77	7.51	6.48	3.528
TOTALS -	40.77	31.85	35.27	29.32	22.28	32.44	37.17	31.55	37.13	38.13	33.591

+ c c c c c c c c c c

1864 We suffered much from drought, the fall in 5 months ending in August was only 4.89 in instead of 12.83 the average for the same period Preceding day



RAINFALL AT Boys (Broad St.)

F W Purchas Esq.

Hereford.

Rain { By .....

Gauge { Diameter.....  $9\frac{1}{2}$ .....in.

Height above Ground, 7... ft. .... in.

Above Mean Sea Level,  $144\frac{1}{2}$  ft.

Wye-1.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....	3.98	.80	2.80	3.95	1.35	4.20					
February .....	.80	3.35	.90	.85	1.35	1.85					
March .....	2.20	2.85	4.10	.95	3.15	1.10					
April .....	1.65	.60	2.85	1.71	.98	.81					
May .....	2.60	1.51	4.30	.85	.90	2.85					
June.....	5.90	2.20	3.05	4.85	1.25	1.65					
July .....	1.95	5.70	1.95	.73	.80	2.75					
August.....	4.55	1.15	1.65	2.70	.87	3.65					
September ...	2.40	1.85	4.80	3.30	2.55	.00					
October.....	1.85	2.20	3.85	3.75	2.65	5.30					
November.....	3.00	3.00	.85	2.27	3.10	3.95					
December.....	5.09	3.45	1.88	1.35	3.05	2.53					
TOTALS .....	35.97	28.66	32.98	27.26	21.00	30.64					

c c c c c c

In a garden most open to N.E.



## Rainfall at Pross (The Grange)

Hyd. Sta. No. 25-476395

NGR: 50(32) 599244

alt 61m

Newford.

St Southall Eng

Anwards 8.5 in  
N. & S.  
Aug - 1.+ ground 1 ft 2 in + sea level 150?  
280

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.34	.75	2.41	3.57	1.62	3.57	3.91	4.37	3.19	6.16	3.277 +
February - -	.70	3.25	.47	.73	1.08	2.44	2.18	1.78	1.36	3.15	1.714 -
March - - -	2.05	2.26	3.69	1.14	2.80	.95	2.36	4.12	1.62	1.56	2.255
April - - - -	1.24	.62	2.50	1.45	1.03	.65	1.94	2.46	2.21	.90	1.500
May - - - -	2.37	1.42	4.40	.88	.71	2.80	.86	2.94	1.63	4.43	2.244
June - - - -	5.63	2.02	2.85	4.68	1.24	1.44	2.54	.94	.33	.95	2.262
July - - - -	1.85	4.78	1.56	.50	.75	2.44	.90	3.68	.41	.54	1.741
August - - -	4.14	1.09	1.44	2.70	.75	3.23	3.48	1.92	4.27	.91	2.393
September -	2.29	1.85	4.29	2.53	2.69	.07	5.91	1.84	4.42	5.85	3.174
October - -	1.84	2.03	3.45	4.27	2.24	4.98	2.21	2.89	1.76	1.98	2.765
November -	2.70	3.00	.82	2.11	2.17	3.90	1.25	1.24	1.84	1.78	2.081
December -	4.86	2.87	1.70	.76	2.10	2.16	1.63	.92	6.01	5.04	2.805
TOTALS -	33.01	25.94	29.58	25.26	19.18	28.57	29.17	29.10	29.05	33.25	28.211

c c c c - c c c c c + c

1865 by open except on E.S.C. where the house is about 60 feet from it

1869 the largest fall in one year since 1852 being just in excess of 1860, the three summer months June July & August with least rain since observations commenced here in 1852 being only 2.40 in against 12 in in the same period in 1852 & 11.50 in 1860, 1864 being the next driest with 2.75 inches



RAINFALL AT Sellack Vicarage, Ross

W Clement Ley

Northfordshire

Private g. agrees exactly with an "8 in No 3, Howards Tube."

Rain { By .....

Gauge { Diameter.....12.....in.

Height above Ground, 3... ft. 4.... in.

Above Mean Sea Level, 320... ft.

Wye-1.

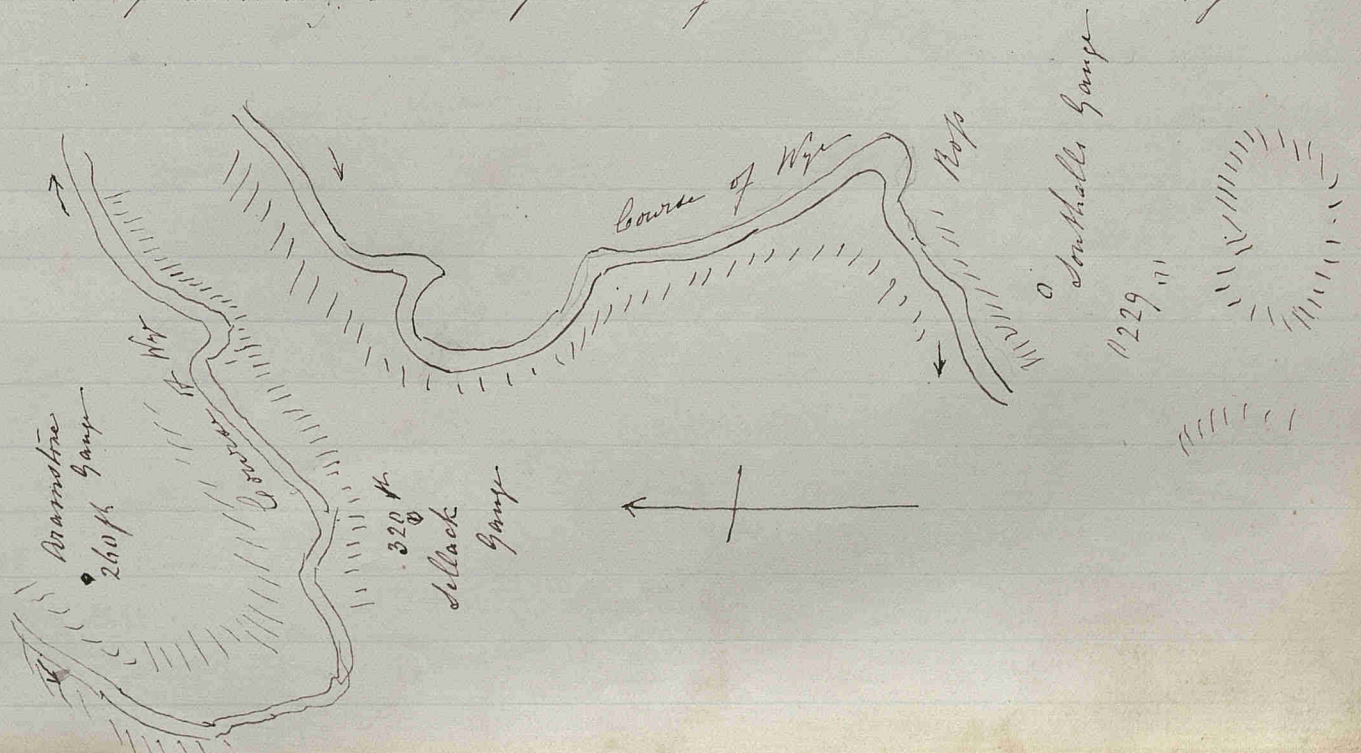
YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....			#2.26	3.24	1.09	3.06	3.08		2.94	5.96	
February .....			.47	.56	1.07	1.65	2.31		1.51	3.05	
March .....			3.21	1.00	2.50	1.05	2.16		1.51	1.07	
April .....			2.59	1.36	1.04	.54	2.08		2.29	1.13	
May .....			4.17	.77	.88	2.75	.48		2.19	4.67	
June .....			2.26	3.63	.80	1.46	2.28		.33	.83	
July .....			1.57	.61	.52	1.73	.64		.47	.31	
August .....			1.44	2.31	.79	2.82	2.99		4.77	1.00	
September ...			4.19	3.18	2.13	.03	5.20		3.54	5.63	
October .....			2.94	3.35	1.96	4.79	2.25		2.01	1.64	
November ...			.72	1.85	2.36	3.24	1.38		1.76	2.03	
December .....			1.47	1.14	1.68	1.77	1.22		6.31	4.83	
TOTALS.....			27.29	23.00	16.82	24.89	26.07		29.63	32.15	

c c c c c c c c

In the middle of a level lawn

1867 kept at Aramstone

Map showing relative position of Aramstone, Sellack & Ross





RAINFALL AT Rops Aramstone House  
Herefordshire

Observer Rev. W. G. Lacy

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

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

Above Mean Sea Level.....ft.

type-1.

YEAR.....								1867	1868	1869	MEANS.
January.....								4.27			
February .....								1.87			
March .....								4.75			
April .....								2.31			
May .....								3.09			
June.....								1.03			
July .....								3.28			
August.....								1.46			
September.....								3.82			
October .....								2.96			
November.....								1.04			
December.....								.76			
TOTALS .....								30.64			

c

1867 Sept 3 Heavy & 2.44 in 45 m, and 2.96 in 24 hrs



RAINFALL AT HerefordTownhope VicarageObserver.....Thos West. M.D.Rain { By.....Barrow.....Gauge { Diameter.....5.....in.

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

Above Mean Sea Level.....ft.

1869 - 1.

YEAR.....										1869	MEANS.
January.....										#3.09	
February .....										4.43	
March .....										1.32	
April.....										1.69	
May .....										4.48	
June.....										.99	
July .....										.28	
August.....										1.04	
September.....										4.59	
October .....										2.81	
November.....										2.66	
December.....										4.38	
TOTALS .....										31.76	

C

Gauge placed in the garden at the S side of the House, well exposed on all sides.



Widemark St. Norwood  
Infirmary

Edwin J Isbell

Ms return

from notes of W. Bullock

Glaucidium + Ground h. b. in

+ Sea Level 160 ft.

log 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		.95	1.31	2.25							
February - -		2.45	.50	.15							
March - - -	.80	1.82	2.50	.79							
April - - - -	1.48	.89	1.77	1.13							
May - - - -	1.21	1.05	2.85	.68							
June - - - -	4.62	1.34	1.49	2.95							
July - - - -	1.79	3.67	1.59	.52							
August - - -	3.42	.48	1.09	1.88							
September -	2.23	1.59	3.30	1.95							
October - -	.88	1.32	2.03	2.91							
November -	2.39	1.86	.21	1.57							
December -	4.06	1.83	1.17	.78							
TOTALS -		19.25	19.81	17.56							

✓ c ✓ c ✓ c ✓ c



Rainfall at Stretton Rectory  
Hereford

Rev. H. C. Hey.

Diameter of Gauge, 5 in.

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

Above Mean Sea Level, 250 ft.

Wye - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		.56	2.67	3.13	1.00	3.64	3.03	4.22	2.85	4.99	
February - -		2.84	1.18	.56	1.27	1.93	2.82	2.19	1.51	3.04	
March - - -		2.60	3.57	.82	2.46	1.00	2.57	3.89	1.65	1.53	
April - - - -		.80	2.40	1.44	1.27	1.13	1.83	2.52	1.88	.91	
May - - - - -		1.25	3.70	.62	1.27	2.54	.75	2.90	1.70	4.46	
June - - - - -		2.20	1.96	2.65	1.04	1.24	2.45	.94	.34	.59	
July - - - - -		4.13	2.05	.84	.30	2.71	.80	3.25	1.30	.46	
August - - -		.80	1.52	2.73	.66	3.80	2.74	1.44	4.85	.85	
September -		1.00	3.57	3.18	2.74	.05	5.49	1.90	3.65	4.28	
October - - -		1.48	3.12	3.26	2.11	4.33	2.40	2.98	1.63	3.19	
November -	x	2.72	2.87	.78	1.71	2.93	3.15	1.22	.93	1.28	2.47
December -		4.42	2.27	1.76	1.24	1.60	1.86	1.47	1.01	6.34	3.71
TOTALS -		23.60	28.36	22.18	18.65	27.30	27.57	28.17	28.98	30.48	

c c c c c c c c c c c

1865 in sheltered situation but 15 yards from the  
surrounding trees & House



Barton Cottage  
Hereford

Josh Treadwell

+ Ground 11 in

+ Sea Level 150 ft

Wye - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						1.10					
February - -						2.67					
March - - -						.08					
April - - - -						.04					
May - - - - -						2.44					
June - - - - -						1.66					
July - - - - -						2.00					
August - - -						4.15					
September -						.07					
October - - -						3.01					
November -						3.39					
December -						2.08					
TOTALS -						25.25					

C



RAINFALL AT Hereford (Richmond Place)

Observer.....E. J. Isbell.....

Rain { By.....

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

Height above Ground,.....5.....ft.....7.....in.

Above Mean Sea Level.....184.....ft.

type - 1.

YEAR.....							1866	1867	1868	1869	MEANS.
January.....								3.77	2.61	5.34	
February .....								1.84	1.37	3.14	
March .....								4.00	1.40	1.66	
April .....								2.58	1.70	1.16	
May .....								2.68	1.84	4.24	
June.....								.89	.46	.94	
July .....								3.31	1.23	.40	
August.....						#	2.98	1.42	5.19	.84	
September.....							5.63	2.23	3.53	5.92	
October .....							2.47	3.30	1.74	1.40	
November.....							1.07	1.06	1.14	2.36	
December .....							1.38	1.09	6.32	3.56	
TOTALS .....								28.17	28.53	30.96	

c c c c







Rainfall at Hereford (5<sup>th</sup> Owens)

Ed. J. Isbell.

Diameter of Gauge, 5 in.

Height above Ground, 1 ft. 0 in.

Above Mean Sea Level, 158 ft.

Wye - 1.

N & S.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.25						
February - -					1.35						
March - - -					2.41						
April - - - -					1.33						
May - - - - -					1.16						
June - - - - -					1.09						
July - - - - -					.38						
August - - -					.70						
September -					3.64						
October - - -					2.34						
November - -					2.57						
December - -				<sup>#</sup> from 8th .33	1.93	<sup>#</sup>					
TOTALS -					20.15						

✓ c ✓ c



RAINFALL AT Lupsley 1 m. W. of Hereford  
Phillip Ballard Esq. The Knoll  
 (Monthly)

Rain { By .....  
 Gauge { Diameter.....6.....in.

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

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

Wye - 1.

YEAR.....						1865	1866	1867	1868	1869	MEANS.
January .....						2.33	3.05	4.27	2.46	4.78	
February .....						1.89	2.29	1.68	1.39	3.45	
March .....						.78	2.32	3.89	1.54	1.41	
April .....						.52	1.55	2.55	1.90	1.04	
May .....						2.16	.17	2.97	1.80	5.00	
June .....						1.52	2.84	.76	.43	1.00	
July .....						2.08	.99	3.51	.96	.34	
August .....						3.37	3.11	1.15	4.93	.87	
September ...						.04	5.70	2.13	3.17	6.29	
October .....						4.15	2.23	3.22	1.75	1.39	
November .....						3.01	1.13	.85	1.32	1.51	
December .....						1.57	1.20	1.22	5.73	3.60	
TOTALS .....						23.42	26.58	28.20	27.38	30.68	

c c c c c

On grass plot quite unsheltered



Rainfall at Hereford

Arthur Hutchinson

Hagley Park

Diameter of Gauge, 5 in.

Height above Ground, 6 ft. 6 in.

Above Mean Sea Level, 300 ft.

Page - 1.

YEAR - -							1866	1867	1868	1869	MEANS.
January - -								4.08	1.95	3.11	
February - -								1.28	1.07	3.86	
March - - -							#1.76	3.27	1.14	1.30	
April - - - -							1.02	2.31	1.49	.88	
May - - - - -							1.43	2.62	1.77	4.95	
June - - - - -							1.83	.94	.38	1.14	
July - - - - -							.94	3.33	.63	.37	
August - - -							2.97	1.11	4.64	.91	
September -							5.17	2.14	3.10	5.52	
October - - -							2.10	3.29	1.62	1.01	
November - -							1.05	.91	.99	2.08	
December - -							1.22	1.08	5.16	2.99	
TOTALS -								26.36	23.94	28.12	

c c c c



Rainfall at Hereford (Broomy Hill)

1/2 m SW of Widemarsh Street

J. Curley. C. E.

158 - 67

11 65 8 66 68 69 194 215 69

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

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

Above Mean Sea Level, 194... ft.

Wye - 1.

N 83

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					#.86	1.10	2.94	3.05	2.60	5.40	
February - -					1.19	2.67	2.80	2.33	1.40	3.40	
March - - -					2.28	.51	3.69	4.31	1.44	1.60	
April - - -					1.13	.80	2.41	2.64	1.71	1.10	
May - - - -					1.03	3.17	.74	2.77	1.86	4.70	
June - - - -					.84	2.06	4.09	2.70	.46	.90	
July - - - -					.33	2.48	.90	1.41	1.20	.40	
August - - -					.59	4.03	4.48	1.26	5.20	1.86	
September -					3.33	.04	7.54	2.14	3.53	5.90	
October - -					2.01	4.16	2.61	2.92	1.75	1.50	
November -					3.10	3.21	.96	1.06	1.15	2.40	
December -					1.49	1.69	2.17	1.09	6.35	3.60	
TOTALS -					18.18	26.08	35.33	28.48	28.65	32.76	

✓ c c ? c c c c

1865 1/2 in kitchen garden at the end of a walk 1/2

1866 - Something wrong the amount almost always too large.

1869 The greatest flood of the river Wye at Hereford for several years on the 19<sup>th</sup> of Dec<sup>r</sup>, this flood was 4 feet below that of 1795 & 2 ft 10 in below that of 1852



RAINFALL AT Hereford

Blue School

Observer Mr. Wm. Clark? Cooke

Rain { By .....  
Gauge { .....  
Diameter 2 in. Height above Ground, 4 ft. 3 in. Above Mean Sea Level 190 ft.  
5 6 66

Wye - 1.

YEAR.....				1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....					1.23	2.87	2.80	3.52	2.14	4.86	
February .....					1.26	1.96	2.21	1.74	1.04	2.86	
March.....					2.35	.92	2.39	3.59	1.13	1.00	
April.....					1.25	.64	1.62	2.32	1.52	.92	
May .....					1.16	2.46	.79	2.46	1.51	3.94	
June.....					1.09	1.61	2.50	.81	.38	.84	
July .....					.39	2.27	.70	3.39	1.00	.24	
August.....					.65	3.98	2.93	1.37	5.52	.76	
September.....					3.51	.12	5.30	2.17	3.11	5.61	
October .....				<i>from 74</i>	2.56	2.23	3.77	2.40	3.11	1.53	1.73
November.....					1.87	2.36	2.73	1.02	1.00	1.11	2.22
December.....					.93	1.84	1.67	1.24	.79	5.38	3.23
TOTALS .....					19.32	25.00	25.90	26.27	25.37	28.21	
					c	c	c	c	c	c	



RAINFALL AT Bredwardine

*Kenford.*

Observer *Re Samuel Clark*

Rain { By *R. & Z*

Gauge { Diameter *5* in. Height above Ground *1* ft *4* in. Above Mean Sea Level *300* ft.

*Aug - 1.*

YEAR.....										1869	MEANS.
January.....											
February .....											
March .....											
April.....											
May .....										<i>6.12</i>	
June.....										<i>.93</i>	
July .....										<i>.43</i>	
August.....										<i>.80</i>	
September.....										<i>4.72</i>	
October .....										<i>3.29</i>	
November.....										<i>2.65</i>	
December.....										<i>3.61</i>	
TOTALS .....											

*C*

*1869 Sep. 30<sup>th</sup> = 1.48*

*I assumed height by rough calculation  
Gauge 'Symons' to previous day*



RAINFALL AT Slawston on Wye

Henford.

Observer W W Phillott Res<sup>t</sup>

Rain { By.....

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

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

Above Mean Sea Level 255 ft.

Wye - 1.

YEAR.....										1869	MEANS.
January.....											
February .....											
March.....											
April.....											
May .....										5.36	
June.....										.68	
July .....										.27	
August.....										1.05	
September.....										3.29	
October .....										3.95	
November.....										2.32	
December.....										4.26	
TOTALS .....											

c

2.16 in Sept. 30<sup>th</sup> & Oct. 1<sup>st</sup> an accident prevented the obs<sup>n</sup> being taken on the 30<sup>th</sup> absent during Aug<sup>r</sup> & part of Sept. & observations taken irregularly







# RAINFALL AT Kington Hereford the Moor

Observer.....Stephen Robinson.....

Rain { By.....

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

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

Above Mean Sea Level.....ft.

Wye - 1.

YEAR.....							1866.	1867	1868	1869	MEANS.
January.....								4.54	2.99	4.11	
February .....								2.81	1.82	4.16	
March .....							<sup>*</sup> 3.32	4.44	2.25	1.62	
April.....							1.55	3.32	1.30	.67	
May .....							.50	3.40	2.30	5.87	
June.....							3.70	.24	.18	.56	
July .....							2.30	3.45	1.20	.48	
August.....							3.17	.85	4.33	1.00	
September.....							6.45	2.04	5.25	4.45	
October .....							2.35	2.88	2.64	2.29	
November.....							2.15	1.35	1.46	2.52	
December.....							1.61	.94	7.37	4.76 <sup>#</sup>	
TOTALS .....							—	30.26	33.09	32.49	

c c c c



Rainfall at Tixley (Burcher Cottage)  
Kington

Hereford.

Diameter of Gauge, ... 1.2 ... in.

Height above Ground, 2 ... ft. 0 ... in.

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

Wye-1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.11	1.18	3.87	3.78	1.75				# 3.00	4.14	
February - -	1.06	3.72	.58	.89	2.83				1.85	3.92	
March - - -	3.14	4.11	3.85	} 2.99 {	2.80				1.77	2.08	
April - - -	1.75	1.82	2.71		1.27				1.37	1.10	
May - - - -	2.31	1.14	3.78	.78	1.54				1.22	5.40	
June - - - -	5.91	2.35	2.96	3.12	1.85				.28	.66	
July - - - -	2.41	5.52	3.00	.82	.80#				1.64	.54	
August - - -	6.10	1.04	2.40	3.08					5.48	.03	
September -	1.97	2.63	3.51	4.55					4.65	4.26	
October - - -	2.33	2.19	5.46	4.18					2.59	3.44	
November - -	2.57	3.37	1.45	2.99					1.80	2.66	
December - -	4.62	2.43	2.69	1.26					8.22	4.96	
TOTALS -	38.28	31.50	36.26	28.44					33.87	33.99	

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c c

Observations after 1860 not very reliable till 1868

1868 - Max of two gauges, in centre of kitchen garden, one  
 12 in diam float 2 ft 8 in + 9<sup>in</sup>, the other Casella 5 in diam 3 ft 2 in + 9<sup>in</sup>  
 whichever collects most is entered, and this is sometimes one and  
 sometimes the other.



Leominster

Leystons in NE of Herefordshire nr. Salop

Tenbury

a wet soil I believe

Hereford.

Rev<sup>d</sup> J. S. Hewitt

5 in

+ ground bin 63<sup>4</sup> +<sup>5</sup> Sea Level 700?

wee - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		<del>3.37</del>	3.30	3.37	1.40	2.35	3.40	3.81	2.38	3.13	
February - -		3.08	.52	.62	1.41	1.65	1.96	2.04	1.49	2.50	
March - - -		2.73	4.05	.97	1.56	.85	2.12	3.45	1.52	1.40	
April - - -		.55	2.49	1.67	1.04	1.00	1.59	3.09	1.37	1.35	
May - - -		1.05	4.45	1.05	1.86	3.14	2.77	2.59	2.42	4.50	
June - - -		3.16	2.20	4.25	1.31	1.96	3.37	.81	.25	.81	
July - - -		5.45	2.40	.69	.76	2.46	2.54	3.01	.90	.65	
August - - -		1.12	1.73	1.93	.89	3.67		1.59	3.98	1.37	
September -		2.47	3.27	4.29	2.66	.00	5.96	1.55	2.37	4.71	
October - -		1.82		3.78	2.15	3.63	2.27	3.21	2.12	2.61	
November -		2.76	.93	1.46	2.88	3.26	1.45	1.10	.95	2.31	
December -		1.97	1.75	1.37	1.64	1.50	1.60	1.37	5.96	3.34	
TOTALS -		26.53	29.09	25.45	19.56	25.47	29.11	27.62	25.71	28.68	

v v c c c c c c c c

On the Lawe

1868 On 29<sup>th</sup> of May 1.38 fell between 5 O'clock  
and 10 O'clock in the morning