

Met 0 8b 10-YEAR SUMMARY SHEETS

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I M P O R T A N T

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

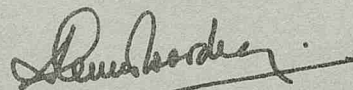
ENTRIES

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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6. On no account whatsoever are the original sheets to be lent to other branches, and care is to be exercised if sheets are wanted by sections other than Met08b within Met08.
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The discovery of any station's sheet missing from the binder must be reported personally to HSO-in-charge RAINMASTER.



Head of Hydrometeorological  
Data Systems

KEEP as top enclosure of each binder



RAINFALL AT S<sup>t</sup>. Lennen, Lands End

Geo L Worlecombe

Cornwall

Rain { By .....

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

Height above Ground, ..... ft. 19. in.

Above Mean Sea Level, 29.9. ft. - 69

Same as N.W. Coast Streams - 1.

YEAR.....	1865	1866	1867	1868	1869	MEANS.
January .....		4.90	5.50	3.29	3.88	
February .....		3.48	3.22	.96	1.53	
March .....		3.83	4.02	1.24	2.20	
April .....		4.49	2.87	1.85	.68	
May .....		1.79	3.67	1.34	2.97	
June.....		1.88	.54	.71	.56	
July .....		.93	4.12	.98	.46	
August.....		4.63	1.02	2.60	.39	
September ...		6.76	.77	3.23	3.18	
October.....		1.96	2.65	2.55	1.84	
November.....		2.52	1.16	3.09	2.48	
December.....	3.99	3.25	1.82	4.35	4.25	
TOTALS .....		40.42	31.36	26.19	24.42	

c c c c c

1869 Please notice the height above S.L. as there was an error in two previous years.



RAINFALL AT *Camborne Phillack Rectory*  
*Cornwall*

Observer *Rev Frederick Hockin*

Rain { By .....  
Gauge { .....  
Diameter.....*5*.....in.      Height above Ground.....*1*.....ft.....in.      Above Mean Sea Level.....*70*.....ft.

*Canal & N. W. Coast Streams - 1*

YEAR.....						1865	1866	1867	1868	1869	MEANS.
January.....						5.74	6.20	6.00	5.65	5.88	
February .....						4.44	3.55	3.36	2.19	3.94	
March .....						1.88	3.87	4.21	2.41	2.66	
April .....						1.27	4.24	3.34	3.02	1.19	
May .....						2.59	2.16	3.04	1.79	3.33	
June .....						2.10	2.49	.88	.88	.48	
July.....						3.51	1.28	4.66	.88	.47	
August.....						4.53	4.57	1.15	3.10	.29	
September .....						.10	7.69	1.57	3.92	4.76	
October .....						7.41	2.32	4.75	4.28	1.97	
November .....						5.84	3.17	1.30	4.02	3.80	
December.....						4.19	3.94	2.79	6.83	5.75	
TOTALS.....						43.60	45.48	37.05	38.97	34.52	



RAINFALL AT Pedra de

Cornwall,

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

Channel 4 Miles. Coast Stream - 1.

YEAR .....	1860	1861								MEANS.
January .....		1.11								
February .....		2.12								
March .....		3.24								
April .....		.36								
May .....		1.82								
June .....		1.78								
July .....		3.72								
August .....		.95								
September ...		2.90								
October .....		1.37								
November ...		3.75								
December .....		1.95								
TOTALS.....		25.07								

61 From Mr Roberts M.S.L.







St. Agnes

Iruro

Lornwall

John Opie

Dr. Barham

1.8

66 68

11 + ground 1.4 in

+ Sea Level 300 ft.

beamed + N. W. Coast Streams — 1

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				# 5.32	3.18	6.69	5.94	7.19	5.47	6.64	
February - -				1.49	1.50	3.33	4.70	3.08	2.22	3.96	
March - - -				2.73	1.97	2.55	3.88	4.84	2.36	2.00	
April - - -				1.42	1.75	.86	3.52	3.69	2.95	1.42	
May - - - -				2.36	1.65	2.71	2.55	4.17	1.85	4.86	
June - - - -				6.13	1.91	1.95	3.26	1.27	.72	.56	
July - - - -				1.46	.99	3.40	1.94	6.53	.96	.45	
August - - -				4.52	1.44	4.99	4.69	1.22	3.05	.55	
September -				3.70	4.07	.34	6.60	1.80	4.58	4.88	
October - -				5.30	4.60	6.49	2.33	5.33	4.57	2.91	
November -				3.82	3.97	5.44	3.14	1.07	5.27	5.34	
December -				3.62	4.68	3.94	4.90	2.69	8.37	5.14	
TOTALS -				41.87	31.71	42.69	47.45	42.88	42.37	38.71	

1863 Dr. Barham says "having commenced enquired into the probable correctness of a return in Mr. Opie's table of 2.36 in on the 12<sup>th</sup> of June, he states that the amount which fell was very large and appears to have been still greater in the neighboring Valley where the wheelbarrows used for carrying the ores which were empty on the preceding evening, were found full and running over on the following morning, they are shallow barrows not more than 6 or 8 inches deep, the sides are inclined, still it would, <sup>probably</sup> require a fall of about 4 inches to fill them"



Newquay

C. G. Station

Cornwall

W. H. Tregidgo

Diam: 6in + Ground 1 ft 9in + Sea level 90ft 65.6  
 Canal & N.W. Levee Streams — 1

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			#	4.34	4.12	2.91	4.57	5.69	5.50	5.18	4.82
February - -				1.35	1.27	1.76	2.79	4.67	2.97	1.71	4.23
March - - -				3.72	2.18	1.49	2.00	4.45	4.06	2.33	1.87
April - - -				2.31	1.47	1.55	1.00	1.62	3.74	2.60	1.35
May - - - -				2.53	2.15	1.35	1.70	1.83	2.22	1.48	5.30
June - - - -				3.21	5.10	1.68	1.65	3.07	1.53	.50	.53
July - - - -				2.93	1.33	.94	3.93	1.40	3.65	1.80	.30
August - - -				2.00	3.88	1.27	4.81	4.53	1.07	2.95	.76
September -				3.35	3.68	3.15	.50	7.16	1.18	3.08	4.53
October - -				6.30	5.00	3.80	5.59	2.25	4.79	4.02	1.58
November -				2.52	3.31	3.39	4.88	2.98	.83	4.05	3.95
December -				4.06	3.91	3.96	3.67	4.25	2.43	8.11	4.25
TOTALS -				38.62	37.40	27.25	37.17	43.90	33.97	37.81	33.47

In an open space free from trees



RAINFALL AT Bodmin (Church Tower)

Devonwall

Observer Commander Liddell R.N.

Rain { By.....

Gauge { .....in.

Height above Ground, 65 ft.....in.

Above Mean Sea Level 330 ft.

Source & N. W. Coast Streams - 1

YEAR.....									MEANS.
				1864					
January.....									
February .....									
March .....									
April.....				1.34					
May .....				1.47					
June.....				2.92					
July .....				1.25					
August.....				1.41					
September.....				4.54					
October.....				3.13					
November.....				5.46					
December.....				4.75					
TOTALS .....									

C

My gauge 2.6 + ground gave for corresponding period 27.35 inches or 4 per cent more than this gauge on the Terrace, Beardmoor tables give an average diminution of rainfall at that height (65) above the ground of 25 per cent



Boodmin (Castle 55)

60

Leornwall

Leintje Liddete Rk

4 62

2.6 64 5.6

325  
330 64

8 + ground 3 ft

+ Sea Level 300 ft

Isamel + K. W. Leont Streams - 1

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.76	2.29	5.52	4.35	4.34	6.91	9.27	8.01	6.48	7.02	6.195 +
February - -	1.73	4.87	1.86	1.15	2.25	4.87	4.75	3.90	2.37	4.56	3.231
March - - -	4.17	3.45	5.63	3.51	3.19	2.55	4.40	4.96	3.38	2.76	3.800
April - - -	1.55	1.39	2.65	1.69	1.40	1.52	2.24	4.53	3.85	1.49	2.228 -
May - - - -	3.47	2.07	2.73	1.96	1.48	3.05	2.44	3.98	2.75	6.28	3.021
June - - - -	8.49	2.83	4.59	3.66	2.82	1.85	2.49	1.63	.82	.54	2.972
July - - - -	2.22	6.80	3.34	1.39	1.30	3.51	2.00	5.11	.81	.95	2.751
August - - -	7.58	1.96	2.38	4.49	1.51	5.28	6.49	1.61	4.00	.76	3.605
September -	3.60	4.26	4.45	4.77	4.83	.11	9.05	1.62	6.19	5.76	4.464
October - -	3.51	3.26	6.88	6.75	3.56	7.98	3.10	7.42	6.00	3.61	5.207
November -	3.94	6.79	2.13	4.51	5.50	7.00	3.75	1.48	7.80	4.19	4.709
December -	8.31	4.51	5.20	4.12	4.96	4.35	5.22	3.66	9.40	5.52	5.525
TOTALS -	56.33	44.56	47.36	42.35	37.13	48.98	55.17	47.91	53.85	43.44	47.708

+ e e e e e e e e e e  
1863 July 22<sup>nd</sup> 1.15. Oct. 1<sup>st</sup> 1.05 in

1861 Average said to be 44.77



RAINFALL AT Bodmin (Castle St)

*J. Lidell*

*Loonwall*

Rain { By *Cassella*

Gauge { Diameter.....*5*.....in.      Height above Ground, *1*... ft. .... in.      Above Mean Sea Level, *3.3.6* ft.

*General N.W. Coast Streams - 1.*

YEAR .....								1867	1868	1869	MEANS.
January .....								<i># 7.93</i>	<i>6.54</i>	<i>7.36</i>	
February .....								<i>3.97</i>	<i>2.38</i>	<i>4.56</i>	
March .....								<i>5.07</i>	<i>3.39</i>	<i>2.85</i>	
April .....								<i>4.59</i>	<i>3.95</i>	<i>1.51</i>	
May .....								<i>4.06</i>	<i>2.75</i>	<i>6.28</i>	
June .....								<i>1.64</i>	<i>.87</i>	<i>.54</i>	
July .....								<i>5.34</i>	<i>.81</i>	<i>.96</i>	
August .....								<i>1.61</i>	<i>4.03</i>	<i>.78</i>	
September ...								<i>1.72</i>	<i>6.43</i>	<i>5.87</i>	
October .....								<i>7.45</i>	<i>6.01</i>	<i>3.76</i>	
November ...								<i>1.48</i>	<i>7.85</i>	<i>4.29</i>	
December .....								<i>3.76</i>	<i>9.56</i>	<i>5.68</i>	
TOTALS .....								<i>48.62</i>	<i>54.57</i>	<i>44.44</i>	

*c c c*

*Average during 19 yrs 45.78 & Av. No of Days 213.5*



RAINFALL AT Bodmin  
Castle Street

Cornwall

Observer..... J. A. Dittell

Rain { By.....

Gauge { Diameter..... 5.....in. Height above Ground..... 0 ft. 9.....in. Above Mean Sea Level..... 330ft.

Camel & N.W. Coast Streams — 1

YEAR.....									1868	1869	MEANS.
January.....									* 7.03	7.67	
February .....									2.47	4.76	
March .....									3.55	2.86	
April.....									4.09	1.54	
May .....									2.81	6.60	
June.....									.89	.57	
July .....									.86	.93	
August .....									4.12	.78	
September.....									6.63	5.86	
October .....									6.29	3.78	
November.....									8.20	4.43	
December.....									10.09	5.85	
TOTALS .....									57.03	45.63	

c c

Registered weekly



RAINFALL AT Bedmire Lane Street  
Cornwall

Abraham Hambley N of the River

Rain { By .....  
 Gauge { Diameter.....in. Height above Ground, 2 ft. 6 in. Above Mean Sea Level, 340 ft.

Camel & N.W. Coast Streams - 1.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....					4.77	6.49	9.00	8.19	6.94	6.28	
February .....					2.37	5.20	4.74	4.04	2.64	4.74	
March .....					2.52	2.64	4.40	4.85	3.48	2.72	
April .....					1.67	1.46	2.03	4.48	3.80	1.59	
May .....					1.56	2.98	2.35	3.95	2.50	6.28	
June .....					3.18	1.88	2.41	1.65	.84	.53	
July .....					1.45	3.92	2.01	5.37	.76	.92	
August .....					1.48	4.85	6.51	1.53	4.03	.79	
September ...					5.07	.14	9.25	1.78	5.72	5.73	
October .....				#	3.59	8.55	3.04	7.43	6.20	3.76	
November ...					5.59	6.37	4.04	1.46	7.87	4.44	
December .....					5.20	4.66	5.47	3.79	9.56	5.62	
TOTALS.....					38.45	49.14	53.25	48.52	54.34	43.40	

c c c c c c c

*Handwritten note at bottom of page, mostly illegible.*



Warleggon

Bodmin

Looe wall 540' 69

Rev<sup>d</sup> D Clements

660 67

800 - 634

10 in 1<sup>st</sup>. + ground 3<sup>rd</sup> + Sea Level 700 feet  
 branch. + N.W. coast streams - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	7.60	2.65	5.91	5.54	5.86	7.14	8.31	10.41	7.01	7.45	6.796	+
February - -	2.13	4.78	1.43	1.40	2.23	5.82	4.52	4.79	2.54	6.34	3.598	
March - - -	5.20	4.50	6.20	3.89	2.24	3.26	4.03	5.12	4.13	3.81	4.246	
April - - -	2.09	1.77	3.00	2.30	1.51	1.02	2.16	5.57	4.69	1.59	2.570	-
May - - -	5.14	1.68	4.00	3.02	1.72	3.18	2.60	3.28	3.04	7.49	3.515	
June - - -	10.70	3.77	4.51	4.47	2.97	1.48	3.11	2.40	1.09	.68	3.518	
July - - -	2.98	7.64	4.57	1.64	1.35	5.00	2.68	6.34	1.42	1.38	3.500	
August - -	9.17	3.12	2.98	4.51	1.88	6.25	8.19	1.86	4.09	1.38	4.343	
September -	4.23	4.35	5.64	5.97	6.15	.42	9.89	2.36	5.63	6.52	5.116	
October - -	5.08	2.62	8.92	8.21	3.88	8.47	2.62	8.99	6.56	4.48	5.983	
November -	4.40	7.42	2.26	6.81	6.52	6.94	4.05	.66	5.56	4.83	4.945	
December -	8.25	4.58	6.19	6.16	3.84	4.01	6.58	6.51	11.82	6.33	6.427	
TOTALS -	67.05	48.96	55.61	53.92	40.15	52.99	58.74	58.29	57.58	52.28	54.537	

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

A float gauge made at Bodmin under Capt Liddel



Pencarrow, Bodmin

bornwall

Henry Jones, Gardener 3 ft 65 66

3 ft 6 2 4

300 64

Siem 8 in + ground 4 ft + Sea Level 230 ft 6 2  
Lamel + N.W. Coast Streams - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.68	2.29	5.04	4.20	3.87	5.20	8.40				
February - -	2.48	4.65	1.65	1.18	2.18	4.88	4.55				
March - - -	3.91	4.05	4.74	3.30	2.27	2.10	4.02				
April - - -	1.57	2.12	2.99	1.52	1.60	.95	1.60				
May - - - -	3.02	1.20	2.83	2.03	1.40	2.85	2.02				
June - - - -	7.43	2.80	4.41	3.55	2.80	1.72	2.55				
July - - - -	2.58	6.89	3.04	1.32	1.30	3.56	1.76				
August - - -	6.98	2.01	2.85	4.53	1.50	5.16	6.34				
September -	4.74	4.85	5.32	4.52	4.60	.18	8.65				
October - - -	3.44	3.30	7.58	6.55	3.21	7.42	2.56				
November - -	4.93	6.90	2.71	4.30	5.10	5.80	3.75				
December - -	3.85	4.26	4.65	3.90	4.60	3.95	5.04				
TOTALS -	51.61	45.32	47.81	40.90	34.43	43.77	51.24				

c c c c c c c  
G in open space



RAINFALL AT Wadebridge Cornwall

The Vicarage Eagleshayle

Observer.....G. Shuttleworth.....

6 miles N of Bodmin

Rain { By.....

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

Height above Ground, 2.....ft. 6.....in.

Above Mean Sea Level...15.....ft.

Channel & N. W. Coast Streams - 1

YEAR.....										1869	MEANS.
January.....										<del>2.15</del> 3.02	<del>2.15</del>
February .....										3.70	
March .....										1.70	
April.....										.65	
May .....										2.74	
June.....										.74	
July .....										.13	
August.....										.76	
September.....										4.32	
October .....										2.62	
November.....										2.38	
December.....										3.84	
TOTALS .....										26.60	

C

Returns doubtful

Gauge in garden with house on N & lofty trees on West  
1869 May doubtful, absent from home, it is remarkable how  
small the fall is here, as compared with Bodmin.



RAINFALL AT Wadebridge Leornwall  
7 miles N of Bodmin

Observer Charles Jordan  
by Liddell

Rain { By .....  
Gauge { Diameter 8 ..... in. Height above Ground 2 ..... ft. 6 ..... in. Above Mean Sea Level 23 ..... ft.

Level & N. to Coast Streams - 1.

YEAR.....										1869	MEANS.
January.....										4.83	
February .....										3.80	
March .....										2.38	
April.....										1.24	
May .....										4.22	
June.....										1.11	
July .....										.40	
August .....										.76	
September.....										4.74	
October .....										2.62	
November.....										2.96	
December.....										5.39	
TOTALS .....										34.45	

c



Treharrow "House"

w. Wadebridge Cornwall

J. Brown Hambley Esq.

31 3 68

307 64

68-303

635

5 in + ground 3 feet 6 in + Sea Level 200 ft

Canal &amp; N.W. Coast Streams - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.57	1.87	3.59	4.59	2.37	5.31	5.36	5.47	4.01	4.67	4.281
February - -	1.49	3.92	1.45	1.77	2.01	3.51	4.46	3.16	1.96	4.26	2.799
March - - -	3.04	3.37	3.38	1.97	2.34	2.09	3.91	2.88	2.34	2.13	2.745
April - - - -	1.38	1.05	2.79	1.93	1.51	1.10	1.41	3.33	2.27	1.04	1.781 -
May - - - - -	2.90	1.26	2.68	1.85	1.89	3.03	2.00	2.56	1.10	5.12	2.439
June - - - - -	6.03	2.68	4.22	4.51	2.26	1.75	2.90	1.38	.48	.96	2.717
July - - - - -	2.86	4.57	2.85	1.41	1.27	4.59	1.76	5.12	.98	.71	2.612
August - - -	6.26	1.76	2.61	5.29	1.62	4.42	6.88	1.59	4.02	.78	3.523
September - -	3.91	3.33	4.62	4.01	4.15	.13	7.45	1.91	2.59	5.12	3.722
October - - -	3.38	3.41	6.65	5.56	2.60	6.81	2.28	7.07	5.36	3.17	4.629 +
November - -	3.39	6.58	2.07	3.71	4.83	5.07	3.29	.98	4.16	4.04	3.812
December - -	5.93	2.85	4.13	3.82	3.39	3.72	4.75	2.67	6.86	4.29	4.241
TOTALS -	46.14	36.65	41.04	40.42	30.24	41.53	46.45	38.12	36.13	36.29	39.301

c c c c c c c c c c c c

1869 Dec. Dec. 7.5 - 1.07



# St Petroc Minor, Padstow C Z Cornwall

60

Rev<sup>d</sup> Sir Hugh Mulesworth B<sup>t</sup> M<sup>y</sup> R<sup>et</sup> M<sup>r</sup>

Howards + Ground 2 in + Sea Level 96 ft  
beamed & N.W. Coast Streams - 1.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	5.22	1.39									
February - -	1.47	4.93									
March - - -	3.59	3.79									
April - - -	1.08	1.16									
May - - -	3.24	1.83									
June - - -	5.89	3.12									
July - - -	3.04	6.46									
August - - -	5.51	2.16									
September -	3.18	4.56									
October - -	3.80	3.64									
November -	4.52	7.91									
December -	6.86	3.74									
TOTALS -	47.40	44.69									

cc cc



RAINFALL AT Treglines St. Minver, Padstow  
Leonwall

Observer.....

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Leonwall & N.W. Coast Streams - 1

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	4.59	1.32	3.21	3.47	2.71		4.83	6.27	3.73	4.13	
February .....	1.02	3.36	1.14	1.21	1.69		4.13	2.68	1.07	3.67	
March .....	2.38	2.19	2.65	1.62	1.58	1.81	2.90	2.57	2.30	1.84	
April.....	.91	.78	2.37	1.47	1.20	.46	1.30	2.82	2.01	.91	
May .....	1.80	1.05	2.63	1.74	1.43	2.87	2.18	2.52	1.24	5.12	
June.....	4.76	2.86	3.10	4.13	2.54	1.15	1.99	1.19	.45	.71	
July .....	2.43	4.11	1.82	1.23	.88	3.15	1.61	4.68	.80	.37	
August.....	4.13	1.54	2.19	3.89	1.32		5.46	.88	3.54	.76	
September.....	2.64	3.18	4.06	2.92	3.55	.05	6.42	1.24	2.96	4.98	
October.....	2.12	2.84	6.10	4.75	2.33		1.54	6.58	4.13	2.42	
November.....	2.76	6.47	1.83	2.88	3.54		2.70	.59	3.42	3.16	
December.....	4.88	2.57	3.12	2.41	2.72		3.60	2.25	5.39	3.97	
TOTALS .....	34.42	32.21	34.22	31.72	25.49		38.66	34.21	31.04	32.04	

c c c c c c c c c c c c

1859 33.92

ly open to NW but on other sides enclosed  
by houses at a moderate distance



RAINFALL AT S<sup>t</sup> Ennellen, Port Isaac

Park Villa

boonwall

Observer Melissent Grey

Rain { By .....

Gauge { .....

Diameter 8 in.

Height above Ground, 3 ft. in.

Above Mean Sea Level 227 ft.

Canal & N.W. coast streams - 1.

YEAR.....										1868	1869	MEANS.
January.....										# 4.23	4.51	
February .....										1.81	3.71	
March .....										2.56	1.59	
April .....										1.36	.59	
May .....										1.43	4.49	
June .....										.56	.37	
July .....										1.13	.68	
August .....										3.58	.22	
September.....										2.40	4.90	
October .....										2.02	2.17	
November.....										5.55	3.95	
December.....										4.49	3.40	
TOTALS .....										31.12	30.58	

c c



Roscarrock, Port Isaac Cornwall.

Mark Guy Esq. M.P. Oct 11-85.

8 66

210 624

Diam 10in + ground 3ft + Sea Level 180 ft  
 Canal & N. & S. Coast Streams - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.28	1.89	4.30	3.96	3.09	4.81	6.34	5.34			
February - -	1.37	3.38	1.48	1.43	1.71	3.77	4.43	3.24			
March - - -	3.05	3.30	3.06	2.18	1.88	2.00	3.56	3.83			
April - - -	1.10	.92	2.96	1.82	1.59	.63	1.28	3.28			
May - - - -	2.84	1.10	2.79	2.31	1.62	2.77	1.61	2.74			
June - - - -	6.10	2.97	4.08	4.98	2.30	1.60	2.78	1.38			
July - - - -	2.75	5.47	2.60	1.39	1.20	3.44	1.45	4.70			
August - - -	6.05	2.07	2.42	4.88	1.54	5.09	6.07	1.36			
September -	3.30	3.56	4.91	3.97	4.36	.16	7.63	1.71			
October - - -	3.29	3.52	7.13	6.08	2.91	5.65	2.00	6.44			
November - -	3.64	6.78	2.32	3.67	4.57	5.38	3.36	.93			
December - -	5.56	3.67	4.22	3.47	3.44	2.92	4.75	2.67	#		
TOTALS -	44.33	38.63	42.27	40.14	30.21	38.22	45.26	37.62			

c c c c c c c c c

1857 = 34.46 1858 = 34.93 1859 = 39.88

1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869

1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869

1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869



Santiago  
 W. Camelford  
 John I. Wilkinson  
 Cornwall.

8 in. + ground 3 ft. + S.I. 460 ft.  
 Canal & N. W. brook streams — 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				4.60	2.79	5.32	8.40	8.15	4.60		
February - -				1.60	1.86	4.15	4.50	4.00	2.52		
March - - -				2.54	3.02	2.83	3.61	4.81	3.09		
April - - - -				1.91	.71	1.60	1.96	4.40	4.01		
May - - - - -				3.23	1.93	3.36	2.35	4.00	3.11		
June - - - - -				5.59	2.78	1.45	3.16	1.10	.90		
July - - - - -				1.35	1.42	3.40	1.92	5.23	.70		
August - - -				4.86	1.66	6.10	6.10	1.18	4.25		
September -				5.02	4.41	.08	9.17	1.55	6.57		
October - -				7.21	3.21	8.55	3.50	8.23	7.18		
November -				5.02	5.16	7.49	3.90	1.90	7.03		
December -				4.97	4.97	6.18	5.60	4.50	8.10		
TOTALS -				47.98	33.92	50.57	54.17	49.05	52.06		

c c c c c c c



Cornwall

Cornwall.

Miss Pearse

3 ft 6 in 64

+ Ground 3 in

+ Sea Level 580 ft

Carnel + N.W. Coast Streams - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			5.67	4.46	2.79						
February - -			1.99	1.17	2.00						
March - - -			5.48	3.10	3.14						
April - - - -			4.44	2.23	1.73						
May - - - - -			2.99	2.88	1.91						
June - - - - -			5.76	6.34	3.00						
July - - - - -			3.18	1.19	1.81						
August - - -			2.36	5.98	2.65						
September -			6.42	4.99	4.34						
October - -			8.46	7.11	3.85						
November -			2.22	5.46	5.04						
December -			5.66	5.67	3.98						
TOTALS -	68.04		54.63	50.58	36.24						

c

c c c



## RAINFALL AT

Trivalga Rectory, Leornuwall1 1/2 m W of BoscawenObserver... Rev. Walter C. James...

Rain { By.....

Gauge { Diameter..... 8.....in.Height above Ground,.....ft. 8.....in.Above Mean Sea Level.....ft. 500?Gauged & N.W. Coast Streams - 1

YEAR.....								1868	1869	MEANS.
January.....								<sup>12</sup> from 10th 4.90		
February .....								2.39		
March .....								2.74		
April .....								2.54		
May .....								2.37		
June .....								95		
July .....								62		
August .....								3.56		
September.....								3.60		
October .....								4.93		
November.....								3.48		
December.....								7.88		
TOTALS .....										

C



# Stratton

60

Rainfall at Hilkrampton (N. Cornwall)

Penstowe

Ar. Thynne

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. 8 in.

Above Mean Sea Level, 47.5 ft.

Gauged & N.W. Coast Streams - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					<sup>4</sup> 1.49	2.64	5.01	5.86	6.42		
February - -					2.18	4.24	4.83	4.15	3.15		
March - - -					3.28	3.13	4.00	3.59	3.68		
April - - -					2.12	1.27	1.43	3.28	3.36		
May - - - -					2.09	3.04	2.32	2.24	1.13		
June - - - -					3.00	2.73	2.00	1.91	.66		
July - - - -					1.17	2.84	1.82	2.84	.51		
August - - -					3.06	4.95	5.65	3.10	3.98		
September -					5.09	.59	8.73	3.35	3.82		
October - -					3.32	5.49	1.75	8.29	6.12		
November -					4.54	4.18	4.01	1.11	2.74		
December -					1.37	3.09	5.47	3.36	6.73		
TOTALS -					32.71	38.19	47.02	43.08	42.30		

✓ c c c c c



RAINFALL AT St. Mary's Rectory Helston

Lizard

Cornwall

Observer... Edw. L. Jackson.....

Rain { By... Liddell.....

Gauge { Diameter... 8.....in. Height above Ground, 3.....ft.....in. Above Mean Sea Level... 100.....ft.

Fowey & S.E. Coast Streams - 2.

YEAR.....											1869	MEANS.
January.....											* 16 1/4	
February .....											2.68	
March .....											3.01	
April.....											.87	
May .....											4.34	
June.....											.51	
July .....											.36	
August.....											.69	
September.....											5.00	
October .....											2.35	
November.....											3.08	
December .....											4.45	
TOTALS .....												

C

In a Valley trees thirty yards distant



Helstone

Leornwall

M P Moyle

10664

5 in + ground 5 ft + Sea Level 115 ft 65

Fewer & S.E. Coast Streams - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.04	2.24	3.85	3.35	2.70	6.02	6.30	5.12	4.07	3.56	4.325 +
February - -	1.74	4.71	1.11	1.37	2.37	4.63	4.02	3.70	2.25	3.33	2.923
March - - -	2.46	3.32	4.81	2.73	2.64	2.39	4.15	5.70	2.05	2.33	3.258
April - - -	1.17	1.65	2.63	1.52	1.57	1.44	3.91	3.24	2.77	1.22	2.112 -
May - - -	3.69	1.60	2.33	2.70	1.46	2.34	1.64	3.68	1.40	4.09	2.493
June - - -	4.87	1.74	3.10	4.48	1.59	1.93	2.20	1.08	.94	.55	2.248
July - - -	1.06	5.02	2.90	1.75	.77	4.09	.97	3.78	.89	.43	2.246
August - -	4.43	1.49	1.83	3.96	.50	5.64	4.67	1.35	3.32	.77	2.796
September -	2.70	3.06	4.13	3.58	3.33	1.05	7.67	.92	3.51	4.72	3.375
October - -	2.71	2.63	5.07	3.59	3.32	7.75	2.01	4.92	4.71	2.65	3.936
November -	4.24	7.39	3.51	3.16	3.90	4.93	1.40	1.41	3.90	4.64	3.848
December -	6.97	2.77	3.16	3.77	4.41	3.53	4.01	3.44	6.75	4.31	4.312
TOTALS -	42.96	37.62	38.43	35.96	28.56	44.74	42.95	38.34	36.56	32.60	37.872

c c c c c c c c c c

Hyd. Stn. No. 22-380806

NGR: SW (10) 659275

alt 35m



RAINFALL AT W<sup>r</sup> Helston

Antbron Lodge

Cornwall

Observer Rev H. J. A. Fothergill

Rain { By.....

Gauge { Diameter 5.....in.

Height above Ground,.....ft. 8.....in.

Above Mean Sea Level.....ft. 205

Toway & S.E. Coast Streams - 2.

YEAR.....									1868	1869	MEANS.
January.....											
February .....											
March .....											
April.....											
May .....											
June.....											
July .....									# 1.13		
August.....									3.31		
September.....									3.86		
October .....									5.63		
November.....									4.80		
December .....									8.33 #		
TOTALS .....											

c



RAINFALL AT W. Helston

Antion Lodge

Scornwall

Observer Rev. W. J. R. Sturges

Rain { By.....

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

Height above Ground, 5 ft. 11 in.

Above Mean Sea Level. 205 ft.

Taney & S. E. Coast Streams - 2

YEAR.....									1868	1869	MEANS.
January.....										4.23	
February .....										3.21	
March .....										2.72	
April .....										1.38	
May .....										4.81	
June.....										.62	
July .....									# 1.03	.52	
August.....									3.64	.87	
September.....									3.80	5.75	
October .....									4.50	3.32	
November.....									3.85	4.43	
December.....									6.87	5.46	#
TOTALS .....										37.32	

C C



Penzance

W H Richards

Lornwall

3 65.67

12 in. + ground 1/4 ft + Sea Level 94 ft

Towey + S.E. Coast Streams - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.83	1.51	4.99	4.43	3.36	6.90	7.05	5.57	6.92	6.93	5.549 +
February - -	1.89	6.62	2.13	1.48	1.66	5.63	5.65	3.52	2.62	3.98	3.518
March - - -	3.02	2.93	5.06	3.29	2.63	2.84	3.76	5.14	2.25	2.82	3.374
April - - -	1.14	1.39	2.91	1.60	1.28	1.03	4.22	3.12	2.97	1.42	2.108 -
May - - -	3.63	1.29	1.99	2.16	1.33	3.12	2.10	2.84	1.68	4.15	2.429
June - - -	5.00	2.17	3.26	4.29	1.76	1.42	2.45	.35	.66	.50	2.186
July - - -	1.68	6.81	3.59	1.44	.77	3.29	.96	4.00	.86	.65	2.405
August - - -	5.29	2.02	1.81	3.91	1.25	4.35	4.80	1.19	3.83	.80	2.925
September -	3.52	3.51	3.47	4.09	4.03	10	7.15	1.28	2.55	4.83	3.453
October - -	3.86	1.92	6.83	3.36	2.67	8.21	2.00	5.16	5.40	2.35	4.176
November -	3.99	7.23	4.05	3.75	5.15	5.89	3.36	1.37	3.99	4.90	4.368
December -	8.40	3.58	4.55	4.20	3.94	4.80	5.00	3.52	6.48	5.69	5.016
TOTALS -	49.25	40.98	44.64	38.00	29.83	47.58	48.50	37.06	40.21	39.02	41.507
	+		4		-						

1861 - Feb: 8th .77 fell in 36 hours previous to 10 a.m.

" " .62 " " 7 " " " 5 P.M.

" 9th 2.26 " " 15 " " " 8 a.m.

Hpt Sta. No. 22 - 381206

NGR: SW (10) 473032 473302

alt. 29m



RAINFALL AT Poltair, Penzance

Observer H. R. Ireland

Penzance

Rain { By.....

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

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

Above Mean Sea Level.....250.....ft.

Howey & S. E. Coast Streams - 2.

YEAR.....										1869	MEANS.
January.....											
February .....											
March .....											
April .....											
May .....											
June.....											
July .....											
August.....										*.30	
September.....										4.58	
October .....										2.84	
November.....										5.43	
December .....										5.02	
TOTALS .....											

C



RAINFALL AT Iuro

11 Strangeway Terrace

Observer E. Barkman M.D.

Leornwall

Rain { By.....

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

Height above Ground, 2.....ft. 6.....in.

Above Mean Sea Level, 70<sup>1</sup>.....ft.

Flowing & S.E. Coast Streams - 2.

YEAR.....										1869	MEANS.
January.....										6.99	
February .....										3.95	
March .....										2.60	
April .....										1.29	
May .....										5.21	
June.....										2.8	
July .....										4.4	
August.....										4.6	
September.....										4.49	
October .....										2.34	
November.....										4.84	
December.....										5.50	
TOTALS .....										38.39	

c



Turo

C. L.

60

C. Barham Esq.

Loonwall

mp. det. No. 292,

W. Newcombe in 61

55 64

10 in. sq. + ground 40 ft.

+ Sea Level 56 ft. 635

Towey & S.E. Coast Streams - 2

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.91	1.12	5.10	5.02	3.62	6.40	6.92	6.74	7.15	6.84	5.582 +
February - -	1.69	5.84	1.51	1.11	2.36	4.28	5.41	3.37	2.42	3.88	3.187
March - - -	2.78	2.74	5.07	2.57	2.42	2.79	4.63	5.44	2.48	2.46	3.338
April - - -	1.26	.86	2.44	1.63	1.22	1.07	3.94	3.46	3.61	.97	2.046 -
May - - - -	4.04	1.72	2.87	2.40	1.27	2.58	2.45	3.53	1.69	5.42	2.797
June - - - -	7.38	3.19	3.61	4.37	1.45	1.79	3.27	1.13	.54	.26	2.699
July - - - -	1.59	6.71	3.01	1.58	.74	4.31	.85	3.81	1.04	.35	2.399
August - - -	5.78	1.46	2.04	4.01	1.14	5.33	4.69	.99	2.99	.48	2.891
September -	3.39	3.31	4.69	4.45	3.64	.65	7.88	1.33	4.03	4.46	3.783
October - -	3.14	2.70	6.34	5.13	4.31	9.09	2.63	5.70	5.00	2.27	4.631
November -	4.26	6.39	3.82	3.82	4.63	4.97	3.06	1.39	5.81	4.81	4.296
December -	7.84	3.94	4.15	4.19	5.34	5.00	5.04	2.90	8.26	5.62	5.228
TOTALS -	50.06	39.98	44.65	40.28	32.14	48.26	50.77	39.79	45.02	37.82	42.877

e e e e e + e e e e

Against preceding day







Rainfall at Trevarna St Austell

Cornwall

Wm. Coode

Casilla (Howards)

7 68

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

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

Above Mean Sea Level, 300 ft.

Flow & S. & Coast Streams - 2.

YEAR -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						7.31	7.17	7.20	6.49	6.35	
February - -						5.34	4.97	4.34	1.45	5.21	
March - - -						2.96	4.34	5.73	2.95	3.53	
April - - -						.80	3.26	3.92	3.73	1.88	
May - - - -						3.16	3.19	4.40	1.91	5.89	
June - - - -						2.68	3.07	1.88	1.44	.48	
July - - - -						3.32	1.41	4.05	1.60	.67	
August - - -						7.02	5.86	1.29	2.96	.85	
September -						.16	8.50	1.51	4.06	4.60	
October - -					2.21	3.73	7.76	2.97	6.32	5.62	3.15
November -					6.07	6.59	3.66	2.43	5.48	4.59	
December -					4.34	4.99	5.37	3.32	8.34	4.65	
TOTALS -						52.09	53.77	46.39	46.03	41.85	

Gauge in open space in Kitchen garden

1865 June 2<sup>d</sup> = 2.05 my stable yard (from the drain being choked) was turned into a pond during the night  
1868 26<sup>th</sup> July .71 fell in about an hour



RAINFALL AT Ferrisburgh

S. Austle bornwall

Observer.....C. Truscott 20.9.....

50° 20' 9" Lon: 4° 47' 56" W

Rain { By.....

Gauge { Diameter.....5.....in. Height above Ground,.....1.....ft.....in. Above Mean Sea Level.....169.....ft.  $\uparrow$

Ferry & S. E. Coast Streams - 2.

YEAR.....								1867	1868	1869	MEANS.
January.....								7.61	7.47	6.74	
February .....								4.53	2.83	4.99	
March .....								5.65	3.06	4.14	
April .....								3.92	3.73	2.07	
May .....								3.90	2.31	6.39	
June.....								1.35	.81	<sup>x</sup> 64	
July .....								5.14	1.38	.77	
August .....								1.09	3.44	.87	
September.....							<sup>#</sup> 8.37	1.95	4.52	5.09	
October .....							3.10	7.53	5.88	3.55	
November.....							4.00	.65	5.99	4.80	
December.....							5.59	5.11	9.34	4.81	
TOTALS .....								48.43	50.76	44.86	

c c c

1869 \* The gauge used up to the end of May is precisely similar to Apps gauge as described by Mr Symon in Rainfall 1865 page 10 but has no name or verification. The gauge since used is Basella's 5 in copper 2958 tested & verified as correct by Mr Symon



RAINFALL AT S<sup>t</sup>. Austell

Polcarne

bornwall

Observer John Leade Esq<sup>r</sup>

Rain { By .....

Gauge { .....

Diameter 5 in.Height above Ground, 1 ft. 2 in.Above Mean Sea Level 206 ft.Towey & S. E. Coast Streams - 2.

YEAR.....							1866	1867	1868	1869	MEANS.
January.....							5.30	6.94		4.87	
February .....								4.71		2.94	
March .....								5.01		3.13	
April.....								3.02		1.32	
May .....								3.34		5.73	
June.....								2.40		.12	
July .....								4.83		.64	
August.....										1.00	
September.....										5.44	
October.....									4.36	3.65	
November.....									4.61	5.25	
December.....							2.17		8.62	4.69	
TOTALS .....										38.78	

Gauge. situated near the top of a hill in a garden  
 No trees or buildings within 100 feet.

1869 sent in wrongly March 3.11 May 6.09

June '14 July '63 August '70 Total 38.83.

Correct figures in column



# RAINFALL AT Liskeard (Dean Terrace)

Cornwall

J W Jenkin

Rain { By 5.58 9 1.1 67 68 9 375 67 8 9  
 Gauge { Diameter 8 in. Height above Ground, 2 ft. 6 in. Above Mean Sea Level, 400 ft.

Howey & S.E. Coast Streams - 2.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....					# 4.95	7.23	8.06	7.81	6.98	6.27	
February .....					2.47	5.51	5.14	4.17	3.14	5.19	
March .....					2.70	3.30	4.42	5.06	3.31	3.53	
April .....					1.43	1.07	2.50	4.52	4.65	1.85	
May .....					1.50	4.19	2.43	3.86	2.75	8.07	
June .....					2.48	1.49	3.05	1.37	.90	.43	
July .....					1.16	3.16	1.64	5.69	.83	1.01	
August .....					1.41	6.00	7.65	1.52	3.66	.99	
September ..					5.34	.23	10.48	1.79	6.22	5.76	
October .....					3.18	7.97	2.48	7.54	5.70	3.27	
November ...					5.14	6.98	4.09	1.56	5.96	4.42	
December .....					5.39	4.29	5.31	4.03	9.72	5.38	
TOTALS .....					37.23	51.42	57.25	49.52	53.82	46.17	

c c c c c c c



# RAINFALL AT Paltash

*Donnell*

Observer *Lieut. Blatchley R. N.*

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

*Tamar & Co. - 3*

YEAR.....	1860	1861	1862	1863						MEANS.
January.....				4.75						
February .....				1.53						
March .....				2.14						
April.....				1.94						
May .....				1.92						
June.....				4.12						
July .....				1.62						
August.....				3.16						
September.....				4.88						
October .....				5.83						
November.....				2.88						
December.....				3.98	3					
TOTALS .....				38.75						

*Mr. Blatchley says (in 1869) I have discontinued some years*



Rainfall at Pentillie Castle Callington  
Cornwall

C. Edwards

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

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

Above Mean Sea Level, ..... 150 ..... ft.

Tamar & C. - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.40	3.04				# 7.26	8.88	7.55	6.12	8.30	
February - -	1.86	4.56				5.37	4.97	3.91	3.47	6.02	
March - - -	4.39	4.71				3.75	3.76	4.84	3.61	3.35	
April - - -	1.76	1.20				1.45	2.39	4.68	4.80	2.30	
May - - - -	4.96	1.08				3.51	2.05	4.61	3.16	7.63	
June - - - -	9.92	3.42				1.74	2.70	.85	.94	.28	
July - - - -	3.21	6.32				3.95	1.45	7.63	.72	1.13	
August - - -	8.69	2.50				6.59	5.92	1.77	4.74	.66	
September -	3.70	3.75				.00	12.00	2.47	5.33	6.71	
October - -	2.94	4.64				9.21	2.37	5.91	7.07	2.90	
November -	4.69	5.87				5.29	3.67	2.52	7.17	3.28	
December -	7.52	6.76#				6.11	5.34	3.45	10.48	5.65	
TOTALS -	62.04	47.85				54.23	55.50	50.19	57.61	48.21	

c c

c c c c c

On a large space of grass surrounded on the N by trees on the E by the mansion on the W by rising ground planted with trees but quite open on the S and in front of which is a deep valley. The monthly register from 1848 to 1861 was kept by Miss Elworthy.



RAINFALL AT St Germans

Rd Lynch

Port Eliot

Cornwall

Rain { By .....  
Gauge { Diameter.....12.....in. Height above Ground, 3... ft. 0... in. Above Mean Sea Level, ..... ft.

Tamar &c, 3.

YEAR.....	1866	1867	1868	1869	MEANS.
January .....	7.30				
February .....	1.00				
March .....	4.01				
April .....	2.41				
May .....	2.81				
June.....	1.94				
July .....	.70				
August.....	6.30				
September ...	9.64				
October.....	6.03				
November.....	4.10				
December.....	3.70				
TOTALS .....	49.94				

c



Tideford Parsonage, S. Germain's

Barnwell

Rev. T. Hullah

+ ground <sup>4</sup> 6 in+ Sea Level <sup>50</sup> 75 feet 63

Tamar &amp; Co - 3

YEAR - -	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		5.04	4.70	2.95						
February - -		1.37	1.11	2.56						
March - - -		5.34	3.00	2.36						
April - - -		3.11	2.02	1.06						
May - - - -		1.65	1.74	.83						
June - - - -		3.95	3.41	1.91						
July - - - -		2.57	1.53	.82						
August - - -	#	1.51	2.66	3.47	1.63					
September -		3.54	4.95	5.25	4.11					
October - -		2.27	7.37	4.82	2.51					
November -		6.39	1.82	2.95	5.10					
December -		3.36	4.06	3.99						
TOTALS -		43.89	37.99							

c c c c

Who formerly kept the rain so well a Holme  
 1861 & 1862 & 1863 & 1864 & 1865 & 1866 & 1867 & 1868 & 1869



# RAINFALL AT Catchfrench, St Germain

68 69

Cornwall

Mrs E. G. Louville

W. Treby's Mps

Rain { By Glaisher

Gauge { Diameter 8 in.

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

Above Mean Sea Level, 250 ft.

Tamar &c. - 3.

YEAR.....	1861	1862					1867	1868	1869	MEANS.
January .....		6.51					7.42	6.04	4.23	
February .....		1.57					4.29	3.18	4.61	
March .....		6.18					4.89	2.25	4.15	
April .....		1.51					4.13	3.60	2.13	
May .....		1.03					4.72	3.13	7.42	
June.....		2.82					1.37	.99	.34	
July .....		3.73					5.46	.48	.85	
August .....		1.81					1.67	3.62	.72	
September ...		5.41					1.98	4.54	5.75	
October.....		7.70					5.50	3.58	3.04	
November.....		1.89					1.60	5.55	3.40	
December.....		4.76					4.62	10.63	5.53	
TOTALS .....		39.40	44.92				47.65	48.59	44.17	

c c

c c c

Gauge sunk in ground open to westerly & northerly winds  
when due north about 20 yards from the house







RAINFALL AT Ballington CornwallKingston Down Consols MineCapt. J Richards

Rain { By .....

Gauge { Diameter... 1 1/4 ..... in.Height above Ground, 1 ft. .... in.Above Mean Sea Level, 850 ft.Jamar & Co. - 3

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....			5.29	6.41	4.90	8.13	10.10	10.35	11.75	11.15	
February .....			1.89	2.26	3.67	4.77	6.50	7.09	4.62	9.12	
March .....			5.59	3.14	2.86	2.65	4.37	5.75	5.30	3.70	
April .....			4.00	2.54	1.13	.81	2.30	5.88	5.49	3.00	
May .....			3.00	2.22	1.02	4.23	1.97	5.06	4.04	8.95	
June .....		#	5.69	5.07	2.21	1.20	3.84	2.07	1.43	.39	
July .....		6.86	4.13	1.80	2.55	4.74	1.64	5.12	.40	1.94	
August .....		3.26	3.56	4.79	2.01	6.52	7.47	1.86	7.48	.74	
September ...		4.33	6.16	7.86	5.08	.18	13.80	2.72	6.71	7.63	
October .....		3.88	9.66	7.76	3.27	10.87	2.43	8.41	8.01	3.63	
November ...		6.71	2.44	4.82	7.41	8.38	5.21	2.15	10.49	5.14	
December .....		5.01	6.12	5.09	4.53	7.69	7.98	5.26	16.28	8.09	
TOTALS .....			57.53	53.76	40.64	60.17	67.61	61.72	82.00	63.48	

C C C C C C C C C C



Altarium

Launceston

Barnwall

Chas. U. Tripp.

570<sup>66</sup> 69<sup>5</sup>

+ Ground 7 in.

+ Sea Level 586 ft.?

Tamar &amp; Co - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 5.27	9.31	10.00	10.84	9.18	9.23	
February - -					3.85	5.31	6.95	5.99	4.48	6.93	
March - - -					4.06	3.94	6.40	5.45	4.80	2.65	
April - - -					1.28	.98	2.95	5.33	5.13	2.12	
May - - -					1.32	3.51	3.07	3.31	3.29	7.45	
June - - -					2.70	1.76	3.32	1.82	1.45	1.06	
July - - -					2.04	5.16	2.42	6.55	1.21	2.60	
August - - -					2.00	6.39	8.25	1.80	5.75	2.28	
September -					4.87	.26	12.69	2.48	6.57	8.89	
October - -					3.96	10.21	3.00	9.90	8.67	4.73	
November -					7.31	6.62	5.33	1.64	7.37	6.61	
December -					5.18	5.62	8.16	4.69	13.23	7.97	
TOTALS -					43.84	59.07	72.54	59.80	71.13	60.52	

1865 G on Croquet ground quite open near the bank of the river

1868 Earthquake on Oct. 30<sup>th</sup> 10.40 PM distinctly felt China and articles about the house shaken and made to jingle vibrations apparently from N.E.S. Dec. rainfall the greatest ever recorded here in one month and notwithstanding the dry and hot summer the fall of the year was 10 in + the mean



Rainfall at NewburyLancasterCornwall

Wm Harvey Esq

Meggett

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

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

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

Yamar &amp; Co. - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -							8.62	6.94	8.30 <sup>#</sup>	9.05	
February - -							5.42	4.19	3.16	5.32	
March - - -							5.54	4.64	4.14	3.61	
April - - -							2.11	4.64	3.85	1.67	
May - - - -							1.67	3.54	2.92	4.42	
June - - - -							1.38	1.62	.75	.23	
July - - - -							1.50	.	1.31	.19	
August - - -							5.61	1.18	} 7.60		
September -						4.00	9.87	2.07			
October - -						7.83	2.18	6.68		3.61	
November -						7.71	3.25	1.79		3.83	
December -						6.54	5.22	2.68		6.69	
TOTALS -							52.37	39.97		46.22	

c c c c c

Helmouth Jan 1865 6.44

Feb 4.67

Mar 2.13

Wm Harvey

April .70

1868 - Last 6 months defective

1868 Measuring glass broken and the Make-shift misunderstood during observer's absence.

1867 absent during July if any rain  
it was included in August



# St Mary's Isles of Scilly

E 60

John Grenfell Moyle, M.D. R.N. Surgeon

Diam 11 in + Ground 1 ft + Sea Level 30 ft  
Insular - Is. of Scilly - 4.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	4.10	09	4.24	2.24							
February - -	1.80	4.49	1.00	1.14							
March - - -	2.36	1.67	3.59	2.21							
April - - -	07	1.83	1.44	.73							
May - - - -	1.68	82	1.12	1.96							
June - - - -	3.28	2.16	2.73	2.65							
July - - - -	01	4.29	2.56	1.34							
August - - -	3.53	1.56	1.70	3.61							
September -	1.77	2.41	3.13	1.66							
October - -	2.54	1.06	4.77	2.57							
November -	3.99	3.30	2.11	2.24							
December -	6.47	3.05	2.78	1.84							
TOTALS -	33.20	27.53	31.17	24.13							

✓ c ✓ c ✓ c ✓ c



# RAINFALL AT *Fresco Abbey*

*New gauge*

Observer.....

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

*Insular - Is. of S.illy - 4.*

YEAR.....	1864	1865	1866	1867	1868	1869	MEANS.
January.....		6.06	4.90	3.61?			
February .....		4.17	4.76	.69?			
March .....		3.44	3.34				
April .....		1.30					
May .....		2.86					
June .....		.73					
July .....		2.82					
August .....		4.50					
September.....		.06					
October .....	2.81	5.10					
November.....	2.75	4.21					
December .....	3.83	4.58					
TOTALS .....		39.83					

C C C C



RAINFALL AT Tresco Abbey  
*Small gauge*

Observer.....

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

*Inular - Is E of Lally - 4.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.26	1.03	4.09	2.78	2.60	6.32	4.80				
February.....	1.31	4.46	1.40	.57	1.39	4.26	4.70				
March.....	2.49	2.40	4.18	3.26	1.90	3.45	3.77				
April.....	1.50	1.46	1.92	.82	1.39	1.21					
May.....	2.17	.75	1.84	1.86	2.24	2.48					
June.....	3.37	2.44	3.39	2.30	2.17	.69					
July.....	1.19	4.18	2.65	2.11	.41	2.68					
August.....	4.36	1.29	2.11	2.48	1.87	4.35					
September.....	2.63	2.47	3.44	2.10	2.69	.04					
October.....	3.03	1.18	5.58	3.08	2.63	4.84					
November.....	4.26	4.83	2.56	2.46	2.82	4.04					
December.....	6.46	2.75	3.14	3.04	4.11	4.55					
TOTALS.....	38.03	29.24	36.30	26.86	26.22	38.91					



RAINFALL AT *Fresco Abbey**Lower gauge*Observer.....*A. Smith*.....

Rain { By.....

Gauge { .....

Diameter.....in.

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

Above Mean Sea Level.....ft.

*Inular - Is. of Seely - 4.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.33	.96	4.05	2.84	2.78	6.43	4.95	5.84	3.97	5.35	
February .....	1.26	4.37	1.39	.58	1.47	4.43	4.82	1.57	1.49	2.62	
March .....	2.52	2.49	4.28	3.35	1.97	3.51	3.73	4.35	1.60	3.37	
April.....	1.39	1.45	1.89	.85	1.43	1.36		2.02	2.42	.97	
May .....	2.08	.79	1.87	1.79	2.48	2.86		2.58	1.19	3.88	
June.....	3.33	2.44	3.21	2.34	2.36	.76		.44	1.13	.22	
July .....	1.17	4.33	2.59	2.09	.40	2.89		5.00	.70	.56	
August.....	4.23	1.33	2.19	2.47	1.97	4.53		.62	1.78	.39	
September.....	2.51	2.49	3.55	2.15	2.88	.86		1.50	2.87	3.70	
October .....	3.03	1.16	5.60	3.44	2.76	5.32		2.37	2.31	1.38	
November.....	4.10	4.85	2.60	2.44	2.81	4.25		.32	3.66	3.12	
December.....	6.45	2.70	3.15	3.19	4.02	4.60		2.20	6.00	4.49	
TOTALS .....	37.40	29.36	36.37	27.53	27.33	41.00		28.81	29.12	30.05	

C C C C C C C C C C



## RAINFALL AT

Tresco Abbey

Upper Gauge

Observer.....

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

Insular - Is<sup>s</sup> of Seely - 4.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.24	.98	4.09	2.88	2.61	6.16	4.96	5.34	3.74	5.10	
February.....	1.27	4.19	1.46	.57	1.39	4.25	4.84	1.42	1.43	2.41	
March.....	2.47	2.43	4.21	3.32	1.99	3.48	3.98	4.40	1.42	3.13	
April.....	1.47	1.41	1.95	.77	1.44	1.28		1.76	2.28	.85	
May.....	2.11	.74	1.77	1.83	2.41	2.64		2.43	1.06	3.54	
June.....	3.30	2.39	3.39	2.31	2.39	.71		.37	1.07	.23	
July.....	1.18	4.20	2.55	2.11	.41	2.76		5.04	.61	.52	
August.....	4.24	1.24	2.10	2.51	1.93	4.42		.54	1.83	.42	
September.....	2.59	2.39	3.60	2.19	2.86	.06		1.35	2.88	3.44	
October.....	2.89	1.17	5.43	3.43	2.63	5.11		2.19	2.20	1.35	
November.....	4.20	4.83	2.59	2.39	2.85	4.16		.26	3.63	2.96	
December.....	6.36	2.78	3.09	3.11	4.00	4.58		2.24	5.25	4.10	
TOTALS.....	37.32	28.75	36.23	27.42	26.91	39.61		27.34	27.40	28.05	

C C C C C C C C C C



## North Hill Frome

Somerset

John Boycott

Map No 89

Diam bin + ground 3 in + Sea level  
 L. Aoon - 1.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	2.78	.70	3.32	3.84							
February - -	1.45	3.10	31	.88							
March - - -	2.75	3.00	5.33	4.67							
April - - -	1.90	.65	3.32								
May - - -	3.12	1.65	5.00								
June - - -	7.06	2.88	3.08								
July - - -	2.61	3.32	2.35								
August - - -	6.45	.95	2.00								
September -	2.63	3.16	2.77								
October - -	3.10	1.70	4.40								
November -	3.00	4.36	1.05								
December -	2.05	1.70	2.08								
TOTALS -	38.90	27.17	35.01								

1859 ✓ October 2.32; Nov<sup>r</sup>. 3.00; Dec<sup>r</sup>. 2.36.



Mells Rectory

w<sup>r</sup> Frome

Somerset.

Mr. Rogers Rev J N Horner

1/16 66 69

4503.66

5 in 69

1.6

✓ 60 of 49

Square 10 in + ground 8 ft 6 in + Sea level 300 ft }  
 Lower Avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.89	.03	4.72			# 4.36	6.61	5.15	6.42	5.43	
February - -	1.50	3.62	.53			3.81	6.09	4.23	2.70	4.46	
March - - -	2.84	4.52	6.27			1.43	2.35	4.37	2.76	1.65	
April - - - -	2.93	.72	4.87			1.07	2.49	3.66	3.40	1.45	
May - - - - -	3.24	1.35	6.12			2.36	2.03	2.28	1.34	5.61	
June - - - - -	8.65	2.99	4.34			.66	2.44	2.13	.88	1.49	
July - - - - -	2.42	3.81	4.11			3.73	2.26	4.85	1.12	1.28	
August - - -	6.04	1.43	1.89			5.44	4.40	1.88	6.62	1.50	
September -	2.67	3.88	3.94			.10	8.65	2.37	3.80	5.86	
October - - -	4.15	1.88	7.68			7.20	1.86	4.55	4.19	2.86	
November - -	3.47	4.92	1.46			4.74	3.76	1.72	2.21	3.42	
December - -	2.97	2.03	2.93	#		2.98	4.63	2.20	7.96	4.80	
TOTALS -	46.57	31.98	48.86			37.88	47.57	39.39	43.40	39.81	

g in open field 30 yards from a wall about 3 ft  
 higher than the collecting surface of g  
 1868 May 19<sup>th</sup> & 28<sup>th</sup> F & Nov. 1 lunar rainbow at 7 PM  
 margin not very sharply defined but at each extremity  
 a slow suggestion of color on 25<sup>th</sup> a shock of an Earth  
 - quake 6<sup>th</sup> a gale tree blown down. Dec. 14<sup>th</sup> &  
 23<sup>rd</sup> F







Downside College

nr Bath.

Somerset.

Rev<sup>d</sup> J B Snow B.A.Wd I h/h + ground 0.6 in  
L. avon - 1.

+ Sea Level 601 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			5.08	6.33	1.96	6.18					
February - -			.55	1.43	2.83	3.87					
March - - -			5.81	1.50	3.69	1.57					
April - - -			3.19	2.06	1.62	1.03					
May - - - -			5.23	3.07	.66	2.40					
June - - - -			3.73	6.05	1.32	1.95					
July - - - -			5.22	1.01	.85	3.78					
August - - -			1.50	4.48	1.16	5.70					
September -			3.91	4.23	3.71	.08					
October - -			7.32	6.81	2.06	7.63					
November -			1.78	4.40	3.78	5.27					
December -			2.50	2.25	4.03	3.63					
TOTALS -			45.82	43.62	27.67	43.09					

C C C C



RAINFALL AT *Chewton Mendip Chewton Priory*  
*Somerset.*

Observer *M<sup>r</sup> J. Dart*

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

Height above Ground,.....*1*ft.....*5*.....in.

Above Mean Sea Level.....ft.

*L. avon - 1.*

YEAR.....	<i>1860</i>	<i>1861</i>	<i>1862</i>	<i>1863</i>	<i>1864</i>	<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January.....								<i>6.10</i>	<i>7.15</i>	<i>6.53</i>	
February.....								<i>5.19</i>	<i>3.46</i>	<i>5.24</i>	
March.....								<i>6.15</i>	<i>4.37</i>	<i>1.74</i>	
April.....								<i>5.21</i>	<i>3.35</i>	<i>2.67</i>	
May.....								<i>2.77</i>	<i>1.69</i>	<i>6.24</i>	
June.....								<i>1.29</i>	<i>1.25</i>	<i>2.45</i>	
July.....								<i>5.01</i>	<i>1.55</i>	<i>1.77</i>	
August.....								<i>2.00</i>	<i>6.56</i>	<i>2.46</i>	
September.....								<i>2.79</i>	<i>4.56</i>	<i>5.34</i>	
October.....								<i>6.32</i>	<i>5.26</i>	<i>2.67</i>	
November.....								<i>1.33</i>	<i>2.44</i>	<i>4.85</i>	
December.....								<i>4.59</i>	<i>8.45</i>	<i>5.45</i>	
TOTALS ....								<i>48.75</i>	<i>50.09</i>	<i>47.41</i>	

MET.O.8 RAINMASTER  
RETROSPECTIVE SITE REVIEW

HYD. STN.  
NUMBER *416770*

NGR: *ST(31) 590526*

ALT: *58* ft = *177* metres. Date of review *8/11/78*







1968

600

Sherborne Reservoir Bristol W W Comp  
East Harptree Somerset.

L. W. Bragg

33766

5 + ground 5 ft

+ sea level 360 ft

L. avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.63	.70	3.38	4.29	2.24	5.18	7.30	5.70	7.53	7.44	4.939 +
February - -	1.68	4.08	1.07	1.43	2.17	4.25	6.43	4.66	1.78	5.73	3.328
March - - -	2.78	3.06	4.56	1.17	3.56	1.81	2.65	5.33	4.04	1.85	3.161
April - - -	2.77	.33	3.68	2.03	1.68	.63	1.75	4.59	3.59	1.78	2.283 -
May - - - -	3.32	1.46	4.63	2.59	.85	2.83	1.52	2.69	1.47	7.14	2.850
June - - - -	7.27	3.20	3.45	4.77	2.11	1.76	3.24	2.08	1.73	1.28	3.089
July - - - -	2.73	4.12	4.19	.52	1.04	4.11	3.98	5.34	1.62	1.74	2.939
August - - -	7.03	1.43	1.60	3.55	1.05	5.84	3.97	2.04	6.51	1.98	3.500
September -	2.47	3.37	3.13	4.44	4.01	.10	9.68	1.99	3.81	6.72	3.972
October - -	3.89	2.28	5.66	6.77	2.01	6.99	2.16	5.51	6.25	3.00	4.452
November -	2.93	4.30	1.38	3.66	3.64	5.02	3.96	1.43	2.74	4.20	3.326
December -	3.06	1.69	2.82	1.75	4.13	3.44	5.45	3.63	10.06	6.55	4.258
TOTALS -	45.56	30.82	39.55	36.97	28.49	41.96	52.09	44.99	51.13	49.41	42.097

c c c c - c c + c c c



RAINFALL AT av. Bristol*West Harptree n  
vicarage.**Somerset.*Observer... *R. Tyas M.A. LL.D. &c.*Rain { By.....  
Gauge { Diameter... *8* .....in.Height above Ground, .....ft. *5* .....in.Above Mean Sea Level. *237*.ft.*L. avon - 1.*

YEAR.....									1868	1869	MEANS.
January.....										6.28	
February .....										4.50	
March .....										1.49	
April .....										1.95	
May .....										6.26	
June.....										1.17	
July .....										1.55	
August.....								<i>R</i>	5.89	1.58	
September.....									4.65	6.75	
October .....									4.95	2.83	
November.....									2.46	3.90	
December.....									8.06	5.58	
TOTALS .....										43.84	

*c**c*



Rainfall at Llew Magna Reservoir

about 6 m from Bristol

Somerset.

E. W. Bragg Esq.

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

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

Above Mean Sea Level, 130..... ft.

L. won - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						2.02	6.04	3.57	5.73	6.34	
February - -						2.89	4.28	2.88	2.38	3.14	
March - - -						1.37	2.17	4.83	1.71	1.83	
April - - -						.74	1.53	4.03	2.60	1.09	
May - - - -						2.79	.82	2.73	1.08	5.43	
June - - - -						1.76	3.78	.85	.87	.70	
July - - - -						4.63	3.02	3.06	.88	1.16	
August - - -						6.15	3.93	2.64	5.78	1.20	
September -						.04	7.07	1.29	3.43	5.41	
October - - -						5.62	2.09	3.55	3.81	2.32	
November - -						4.22	2.47	1.62	1.87	2.32	
December - -						2.64	3.67	1.91	6.17	4.21	
TOTALS - -						34.87	40.87	32.96	36.31	35.15	

C C C C C



RAINFALL AT Bath.....

Somerset.

Observer... R. Biggs Esq......

Rain { By.....

Gauge { Diameter... 2.....in.Height above Ground, 50 ft. ....in.

Above Mean Sea Level.....ft.

L. avon - 1.

YEAR.....	1860	1861									MEANS.
January.....	4.13	.13									
February .....	1.75	3.25									
March .....	2.87	4.12									
April.....	2.75	.13									
May .....	3.00	1.62									
June.....	6.25	4.63									
July .....	2.13	2.50									
August.....	6.12	.63									
September.....		3.87									
October.....	2.50	2.25									
November.....	3.25	4.75									
December.....	4.25										
TOTALS .....											

c c



Rainfall at Bath

27 Paragon

Somerset.

C. S. Barton

1.3.68

1 ft - 66

113.68

Diameter of Gauge, 5 in.Height above Ground, 17 ft. .... in.Above Mean Sea Level, 112.7 ft.

L. avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						2.81	5.02	2.83	4.99	5.17	
February - -						1.73	4.35	2.27	1.90	2.94	
March - - -						.74	2.09	4.20	1.70	1.39	
April - - - -						.73	2.05	2.68	2.10	.97	
May - - - - -						1.88	1.09	1.99	.79	4.92	
June - - - - -						1.60	3.45	2.36	.63	1.38	
July - - - - -						3.13	2.07	3.29	.71	1.07	
August - - -						4.25	2.57	2.82	4.99	1.10	
September -						.17	6.89	1.88	3.38	4.39	
October - - -						5.35	1.74	3.49	2.64	2.10	
November -						3.69	2.03	.90	2.06	2.64	
December -						2.07	3.40	1.74	5.86	4.21	
TOTALS -						28.15	36.75	30.45	31.83	32.28	

C C C C C



RAINFALL AT Bath (Paragon)

Somerset.

Observer L. J. Barter

Rain { By .....

Gauge { Diameter 5 in.

Height above Ground, 4 ft. in.

Above Mean Sea Level 131 ft.

L. Cwon - 1.

YEAR.....										1869	MEANS.
January.....											
February .....											
March .....										<del>4</del>	
April.....										1.45	
May .....										.98	
June.....										4.82	
July .....										1.43	
August.....										1.15	
September.....										1.07	
October .....										4.44	
November.....										2.11	
December.....										2.76	
TOTALS .....										4.23	

C

Gauge is placed on the top of a Stevenson's Thermometer Stand



## Bath - United Hospital -

Somerset.

G. S. Barter Esq.

+ Ground 17 ft

+ Sea Level 56 ft

L. ann - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			# 3.77	4.18	.93						
February - -			.41	1.32	3.07						
March - - -			6.95	1.51	3.82						
April - - -			4.39	2.48	1.51						
May - - -			6.29	3.20	.58						
June - - -			4.92	5.43	.96						
July - - -			4.44	.19	.54						
August - - -			1.68	4.53	.71						
September -			3.94	3.82	2.34						
October - -			6.85	5.82	1.68						
November -			.94	3.53	1.66						
December -			3.61	1.92	1.82	*					
TOTALS -			48.19	37.95	19.62						

C C C







Rainfall at Beth

Somerset.

Royal Literary &amp; Scientific Institution

C P Russell

Diameter of Gauge, .... 1..... in.

Height above Ground, 8..... ft. .... in.

Above Mean Sea Level, 54..... ft.

L. Ann - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -							5.48	4.16	5.06	5.17	
February - -							4.45	2.62	1.72	2.90	
March - - -						1.09	2.00	4.05	1.62	1.45	
April - - -						1.02	1.78	3.11	2.41	.93	
May - - - -						2.02	1.07	2.01	.70	4.80	
June - - - -						1.41	3.17	1.40	.53	1.44	
July - - - -						3.78	2.11	3.16	.55	1.08	
August - - -						4.51	2.60	2.10	4.43	1.09	
September -						.03	6.87	1.87	3.30	4.43	
October - -						5.69	1.57	3.62	2.69	2.03	
November -						3.87	2.25	.91	1.93	2.51	
December -						2.80	3.24	1.44	5.59	3.86	
TOTALS -							36.60	30.45	30.53	31.69	

G on roof of small obs<sup>y</sup> 8 ft + ground on a level tower near the river which is about 46 ft + S.L.

On the day of fall

1869 Nov<sup>r</sup> 27<sup>th</sup> = 1.30 the heaviest fall since the commencement of the observations in Jan<sup>y</sup> 1865

Extract from letter dated Sept<sup>r</sup> 4<sup>th</sup> 1874 "The larger glass is too small throughout but the error is negligible except for larger quantities the precise errors are -

at .10 it is correct

" .20 shews .001 too much

" .30 " .006 " "

" .40 " .011 " "

" .50 " .017 " "

tested before dispatch."

owing however to the greater frequency of small readings I think that the average error per annum will have been about .53 I have ordered a new glass and that it come here to be. M<sup>r</sup> Lysons to M<sup>r</sup> Blountfield.



Rainfall at Weston (Bath)

Somerset.

Colement Bush

Basella

190 65.8

Diameter of Gauge, 5 in.Height above Ground, 10 ft. .... in.Above Mean Sea Level, 198 ft.

L. avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			#3.67	3.66	2.07	4.20	4.36	4.05	4.78	4.55	
February - -			.45	.76	1.35	2.40	4.21	2.38	1.49	2.76	
March - - -			5.00	1.19	2.58	1.16	1.89	4.19	1.32	1.28	
April - - -			3.53	1.83	1.68	.90	1.98	2.79	1.87	.85	
May - - - -			4.81	2.71	.96	1.96	1.33	1.88	.80	4.94	
June - - - -			3.56	4.47	1.71	1.49	3.50	1.75	.99	1.32	
July - - - -			2.96	.52	.80	4.33	2.00	3.17	.60	1.05	
August - - -			.99	3.56	.80	4.91	2.71	2.11	4.86	1.06	
September -			2.76	4.40	3.50	.07	7.00	1.78	3.90	4.94	
October - -			5.67	5.01	1.96	4.45	1.67	3.66	2.81	2.13	
November -			1.00	3.09	2.11	3.36	2.32	1.35	1.86	2.23	
December -			2.16	1.21	2.97	2.60	3.51	1.47	5.13	3.92	
TOTALS -			36.56	32.41	22.49	31.83	36.48	30.58	30.41	31.03	

The gauge by the side of a wall between two gardens  
and stands about 4 in above the top to prevent insplashing



RAINFALL AT Bathaston

Somerset.

Bannerdown House

Observer M. J. Ward

Rain { By .....

Gauge { Diameter 5 in.Height above Ground, 1 ft. in.Above Mean Sea Level 290 ft.Le. avon - 1.

YEAR.....									1868	1869	MEANS.
January.....								#	4.27	4.74	
February .....									1.70	3.12	
March .....									1.84	1.51	
April.....									2.47	1.18	
May .....									1.17	5.42	
June.....									.70	1.53	
July .....									.61	1.25	
August.....									4.36	1.57	
September.....									3.34	4.96	
October .....									2.78	2.16	
November.....									2.04	2.71	
December .....									5.64	3.79	
TOTALS .....									31.00	33.94	



RAINFALL AT Batheaston

Barnerton House

Somerset.

Observer Col. Ward

Rain { By .....

Gauge { Self registering gauge

Diameter 10 in.

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

Above Mean Sea Level.....ft.

L. Ann - 1.

YEAR.....									1868	1869	MEANS.
January.....											
February .....											
March .....											
April.....											
May .....											
June.....											
July .....											
August.....											
September.....									<u>2 pr 25<sup>th</sup></u> <u>1.22</u>		
October .....									<u>2.32</u>		
November.....									<u>1.74</u>		
December.....									<u>4.92</u>		
TOTALS .....											

On a roof clock work 8° in my room 24 ft. below the receiver



## Swanswick

2 m N of Bath

Somerset.

Frat Lockey

Nga Sta. No: 23- 416200

NGR: ST(31) 756685

10 in sf + Ground 32 ft?

alt 69m

L. avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.54	.36	2.25	2.03	1.07	2.71	2.91	3.15			
February - -	.54	2.31	.15	.36	.99	1.43	3.20	1.35			
March - - -	1.58	1.53	3.45	.71	2.39	.55	1.81	3.27			
April - - -	1.14	.47	2.47	1.50	1.53	.77	1.36	1.26			
May - - -	2.64	1.05	4.09	1.67	.79	1.80	1.06	1.85			
June - - -	5.34	3.80	2.45	4.72	1.17	1.41	2.59	1.80			
July - - -	1.69	2.90	2.42	.45	.47	3.69	2.14	2.86			
August - - -	4.55	.80	.74	2.65	.54	4.05	2.14	1.95			
September -	1.58	3.84	3.57	3.50	2.36	.00	6.16	1.77			
October - -	1.86	1.73	3.27	3.18	1.46	5.15	1.48	2.88			
November -	2.40	3.58	.40	1.72	1.81	2.92	1.33	.42			
December -	2.78	.97	1.26	1.07	2.30	1.47	2.34	1.98			
TOTALS -	28.64	23.34	26.52	23.56	16.88	25.95	28.52	24.54			

1864 The amount registered is scarcely  $\frac{2}{3}$  of the average fall

1864 The amount registered is scarcely  $\frac{2}{3}$  of the average fall



Batheaston Reservoir  
 abt 3 m from Bath  
 Alfred Mutchale

Somerset.

12 in + Ground 2 ft + Sea Level 226 ft  
 L. Avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			2.90	2.56	1.30	2.67	4.57	3.68	4.46	4.38	
February - -			.35	.57	1.22	1.51	5.32	1.99	1.58	2.86	
March - - -			3.91	.90	2.19	.06	2.15	2.56	1.50	1.46	
April - - - -			2.85	1.60	1.69	.77	1.73	3.13	2.12	1.00	
May - - - -			3.86	1.84	.88	1.89	1.32	1.82	1.10	4.55	
June - - - -			3.21	4.62	1.54	1.28	2.59	1.87	.92	1.35	
July - - - -			2.69	.49	.61	3.84	3.32	3.81	.86	1.00	
August - - -			.87	2.72	.62	5.09	2.87	2.05	3.90	.74	
September -			3.05	3.54	2.58	.05	7.33	2.03	3.64	4.45	
October - -			3.64	3.32	1.37	5.37	1.96	3.62	2.72	1.50	
November -			.73	2.34	1.46	3.91	3.31	1.08	1.75	2.04	
December -			1.55	.96	2.50	2.72	3.88	1.52	5.62	3.93	
TOTALS -			29.61	25.46	17.96	29.96	40.35	29.16	30.17	29.26	



W. Bristol  
Barrow Gurney Reservoir

Somerset.

L. W. Brazger

5 in + Ground 5 ft.

+ Sea Level 310 ft.

L. avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.36	1.31	1.17	<sup>x</sup> 3.50	1.70	3.62	5.10	4.64	6.17	5.91	
February - -	1.28	2.94	.62	.93	2.45	3.06	4.85	3.34	1.62	5.02	
March - - -	2.88	4.14	4.46	<sup>x</sup> 1.40	2.72	1.24	2.17	4.26	2.78	1.25	
April - - -	2.28	.41	3.23	2.05	1.55	.80	2.08	4.33	2.93	1.37	
May - - -	2.85	1.31	3.26	2.50	.56	2.84	1.08	2.68	1.72	5.98	
June - - -	6.94	3.10	2.76	4.47	1.66	1.85	3.16	1.87	.95	1.19	
July - - -	2.12	6.23	2.25	.37	1.22	4.60	3.38	3.54	.93	1.14	
August - -	5.93	2.86	1.68	4.57	.96	8.45	3.65	2.41	6.76	1.76	
September -	3.06	5.46	2.61	4.20	3.81	.09	9.19	2.28	3.65	6.60	
October - -	3.51	2.99	5.56	5.54	2.07	5.94	2.23	4.24	4.28	2.60	
November -	3.28	4.76	1.46	4.05	2.67	4.15	2.55	1.39	2.01	3.50	
December -	4.53	1.64	2.01	2.63	2.93	2.69	5.19	2.82	6.88	4.54	3.586
TOTALS -	44.02	37.15	31.07	36.21	24.30	39.30	44.63	37.80	40.68	40.86	37.60

x Gauge out of order



RAINFALL AT Bristol

W. Bristol

Somerset.

Geo. Thomas Esq.

Rain { By .....  
Gauge { Diameter.....10.....in.

Height above Ground, 5 ft. 0 in.

Above Mean Sea Level, 100 ft.

L. down 1.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....						3.19	4.75	4.18	5.06		
February .....						3.13	4.63	2.56	1.69		
March .....						1.25	2.06	4.38	1.50		
April .....						.69	1.62	3.25	2.44		
May .....						2.06	1.00	2.12	1.31		
June .....						1.37	2.87	1.31	.75		
July .....						5.62	1.69	2.44	.56		
August .....						7.38	3.44	1.94	5.38		
September .....						.00	7.13	1.44	2.75		
October .....						4.56	1.81	3.19	3.00		
November .....						3.75	2.88	1.75	1.63		
December .....						3.13	4.25	1.62	5.81		
TOTALS.....						36.13	38.13	30.18	31.88		

C C C C



# The Beeches Brislington Somerset.

60

Charles Joseph Fox

G. J. Fox M.D.

98 in di; + Ground 2 ft + Sea Level 181 feet  
L. Snow - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.55	1.16	3.42	3.50	1.50						
February - -	1.21	2.91	.35	.70	1.56						
March - - -	2.93	3.18	6.90	1.07	3.03						
April - - -	1.72	.29	3.36	1.90	1.32						
May - - -	3.10	1.12	3.57	1.97	.81						
June - - -	7.35	3.10	2.69	4.03	1.35						
July - - -	2.35	3.55	2.40	.32	.99						
August - -	6.07	1.78	1.64	4.20	.87						
September -	2.48	3.55	2.22	4.05	3.12						
October - -	2.70	2.29	5.62	4.92	1.79						
November -	2.73	4.56	1.52	2.64	3.10						
December -	4.04	1.42	2.25	1.62	2.25	x					
TOTALS -	41.23	28.91	35.94	30.92	21.69						

G. J. Fox counts 12 in snow = 3 in rain



## Street, Hind Hayes

Somerset.

Joseph Clark Junr.

Basin 6 + ground 1.6

+ Sea level 100 ft

Yeo - 2. Garden gauge 15/6

7.78 (08)

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	#.52	3.11	3.80	1.18	3.22	4.62					
February - -		2.74	.59	.56	1.43	2.87	3.54				
March - - -		2.92	3.61	1.54	2.41	.91	2.09				
April - - -		.34	2.98	2.02	1.39	1.04	2.24				
May - - - -		1.27	3.35	1.73	1.23	3.37	2.08				
June - - - -		2.79	3.66	4.43	1.68	1.80	2.27				
July - - - -		3.95	2.53	.50	.99	3.79	1.43				
August - - #	4.00	1.25	1.71	4.04	.91	5.11	2.67				
September -	2.05	2.93	3.13	3.82	2.96	.08	7.78				
October - -	2.41	2.04	4.46	5.55	1.35	6.75	1.93				
November -	2.46	3.70	1.02	2.55	3.18	3.31	2.08				
December -	3.28	1.51	2.07	1.64	2.75	2.93	2.76	#			
TOTALS -		25.96	32.22	32.18	21.46	35.18	35.49				

at 1860 imp Recd 3. XII. 08 Intd 22. IX. 09

g. in same garden as record c. 06 imp.



# RAINFALL AT Street, Glastonbury Somerset

Observer... W. S. Clark Esq.Rain { By Regrettie. GammaraGauge { Diameter.....in. Height above Ground, 5 ft.....in. Above Mean Sea Level 100 ft.

Geo- 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.24	5.82	2.86	3.49	1.27	2.80	4.91	4.61	4.39	3.64	3.379
February.....	.93	2.40	.57	.50	1.28	2.97	3.54	1.70	.41	2.68	1.698
March.....	1.96	2.81	3.35	1.38	2.09	1.07	1.73	3.94	2.32	1.48	2.213
April.....	1.80	.91	2.92	1.89	1.49	1.00	2.24	2.30	1.38	2.02	1.795
May.....	3.46	1.17	3.77	1.61	.96	3.09	1.87	1.96	.76	5.03	2.368
June.....	5.38	2.78	2.74	4.35	1.76	1.79	1.60	1.20	1.39	.84	2.383
July.....	3.13	3.58	2.28	.45	.92	3.66	1.72	4.00	.85	.92	2.151
August.....	4.32	1.09	1.56	3.93	.82	5.23	2.18	1.69	5.91	1.59	2.832
September.....	2.02	2.32	2.67	3.43	3.03	.10	6.89	2.15	3.12	4.34	3.007
October.....	2.38	1.85	4.37	5.57	1.62	6.56	1.99	4.19	2.88	2.19	3.360
November.....	1.68	3.31	.96	2.45	2.57	3.16	1.95	1.12	1.71	2.36	2.121
December.....	3.51	1.31	1.71	1.26	3.26	2.38	3.03	2.13	5.14	3.29	2.702
TOTALS.....	35.81	24.11	29.76	30.31	21.01	33.81	33.65	30.99	30.26	30.38	30.009

January	1860	1861	1862
February	4.67	.57	
March		2.39	
April			2.91
May	3.50		
June		2.77	
July	3.11		2.25
August	4.00		
September	2.05	1.96	
October	2.42		3.65
November	2.46		1.27
December	3.28	1.30	
Total	36.15	23.66	30.08

Values previously sent  
by J. Clark Junr. Esq.



Dinder

Wells Somerset

Rev. Geo. Jeffery Bumpstead

M &amp; L

4ft 64 66

150-62  
140-64

8 in

+ ground 2<sup>ft</sup> 10 in

+ See level 99 ft at

Geo - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.34	3.38	6.17	5.52	7.01	5.39	
February - -					2.04	3.29	4.04	2.93	1.07	2.94	
March - - -					2.53	1.26	2.29	3.91	5.04	4.17	
April - - -					1.31	.79	2.27	3.21	3.32	2.66	
May - - - -					1.36	2.49	2.35	2.72	1.22	5.54	
June - - - -					1.94	1.97	2.45	1.76	1.37	3.37	
July - - - -				.57	1.30	4.35	2.68	5.24	.94	1.38	
August - - -				3.77	1.28	6.21	2.79	2.94	4.24	1.99	
September -				5.59	3.68	.21	8.37	2.73	3.79	4.67	
October - - -				5.56	1.71	6.82	2.15	4.82	4.51	2.76	
November -				3.45	3.87	4.01	2.65	1.26	1.94	5.19	
December -				2.32	2.66	2.70	4.12	3.90	6.79	5.39	
TOTALS -					25.02	37.48	42.33	40.94	41.24	45.45	

✓   ✓   ✓   ✓   ✓   ✓   ✓   ✓

On a block of wood in an open space in the garden.

1869 notwithstanding the extreme dryness during part of the summer, more rain fell than in either of the five preceding years. A strange coincidence; precisely the same amount of rain fell in January & December of 1869.



RAINFALL AT Burnham

J P Estlin Esq

Somerset

57° 15' N

3° W

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

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

Above Mean Sea Level, ...30.... ft. + h w mark

Yes - 2.

YEAR.....						1865	1866	1867	1868	1869	MEANS.
January .....							4.00	3.47	4.28	2.78	
February .....							2.93	2.26	1.16	2.80	
March .....							2.17	3.60	1.21	1.05	
April .....							1.71	2.26	1.31	1.33	
May .....							1.13	2.36	1.63	5.60	
June.....							1.54	1.09	.23	.68	
July .....							1.71	3.22	1.54	.75	
August.....							2.84	1.81	5.21	1.16	
September ...							6.54	.92	1.73	3.79	
October.....							2.14	3.31	3.89	2.67	
November.....							1.75	.99	1.09	1.89	
December.....						#1.93	2.45	1.64	4.53	3.62	
TOTALS .....							30.91	26.93	27.81	28.12	

C C C C C

Placed on a sandhill 10 in from the ground & within 100 yds of the sea

1868 The rain has fallen mostly in the latter parts of the month



Sidcot in Winscomb  
Somerset

Henry Dymond

Thp Rct No 116

5 ft 6 3/4

Square 10 in + ground 4.7 + Sea Level 250 ft 3  
Geo - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.81	.88	2.14	3.42	2.19						
February - -	1.04	2.93	.53	.78	2.17						
March - - -	2.98	2.68	4.66	1.32	2.72						
April - - -	2.48	.49	4.07	2.01	1.15						
May - - - -	4.09	1.53	2.75	2.61	.86						
June - - - -	7.22	4.09	2.60	4.91	2.41						
July - - - -	2.76	4.29	4.09	.52	.75						
August - - -	7.19	1.92	2.01	4.41	.44						
September -	2.20	3.31	3.62	5.62	3.52						
October - - -	2.06	2.75	5.63	5.17	1.98						
November - -	2.90	4.87	1.31	2.65	3.21						
December - -	3.64	1.39	1.77	.97	3.33						
TOTALS -	43.17	31.13	35.18	34.39	24.73						

5 5 5 5 5

1864 1865 1866 1867 1868 1869 = 1.04



RAINFALL AT Weston super Mare

H Garrett

Somerset.

Rain { By Casella  
Gauge { Diameter 5 in.

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

Above Mean Sea Level, 100<sup>?</sup> ft.

Yeo - 2.

YEAR.....							1866	1867	1868	1869	MEANS.
January .....							#				
February .....											
March .....											
April .....											
May .....											
June.....											
July .....											
August.....											
September ...							Sept 6 <sup>th</sup>				
October.....							Oct 27 6 <sup>th</sup>				
November.....							#				
December.....											
TOTALS .....											

C



Weston super Mare

Ellenboro' Park

Somerset.

John Boycott

6 in + ground 3 in + Sea level 8 ft

Year - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.07	2.05	3.25	3.42			
February - -					1.58	3.58	3.00	2.80			
March - - -				<sup>^</sup> Jan 11.62	2.77	1.15	1.75	2.53			
April - - -				1.70	1.49	1.10	1.64	2.38			
May - - - -				1.32	.76	2.38	.95	2.50			
June - - - -				4.39	2.10	1.10	1.78	1.41			
July - - - -				.42	1.32	3.83	2.12	2.20			
August - - -				3.54	.75	6.27	3.70	1.84			
September -				4.74	1.86	.03	7.30	1.45			
October - -				5.00	2.10	3.97	2.66	3.40			
November -				3.65	3.05	2.85	2.00	1.00			
December -				1.66	2.36	2.15	3.05	1.10			
TOTALS -					21.21	30.46	33.20	26.03			

L L C C C



RAINFALL AT Chebury

New John Matthew

W. Bristol

Somerset.

Lat 51° 24' 30" Lon 2° 45' 31"

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

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

Above Mean Sea Level, ...3.7.... ft.

Geo - 2.

YEAR .....								1867	1868	1869	MEANS.
January .....								<sup>A</sup> 4.28	4.81	4.82	
February .....								2.81	1.37	3.82	
March .....								5.78	1.98	1.20	
April .....								2.85	2.10	1.07	
May .....								3.19	1.45	5.06	
June .....								.92	.60	.91	
July .....								2.75	.48	1.24	
August .....								2.28	6.10	1.27	
September ...								1.65	2.93	4.62	
October .....								3.95	3.48	1.93	
November ...								1.04	1.18	2.51	
December .....								1.53	5.42	3.92	
TOTALS.....								33.03	31.90	32.37	

C C C







RAINFALL AT Uminster

Somerset.

Observer John Knott

Rain { By .....

Gauge { Diameter 5 in.

Height above Ground, 19 ft. 19 in.

Above Mean Sea Level 130 ft.

Panett - 3.

YEAR.....								1867	1868	1869	MEANS.
January.....										5.94	
February .....										2.81	
March.....										2.13	
April.....										.78	
May .....								<del>2.10</del>			
June.....								1.26	5.42		
July .....								1.64	1.14		
August.....								1.08	.52		
September.....								6.18	.36		
October .....								5.31	4.40		
November.....								2.68	2.08		
December.....								2.58	1.63		
TOTALS .....								7.71	4.82		
										32.03	

C C



Rainfall at South Petherton Somerset.

W. Blake

Diameter of Gauge, 8 in.      Height above Ground, 1 ft. 4 in.      Above Mean Sea Level, 200 ft.

Parrett - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 1.60	3.56	4.42	3.73	2.77	4.77	
February - -					1.19	2.21	2.73	1.57	2.35	2.29	
March - - -					2.51	1.06	3.08	4.34	1.91	1.70	
April - - -					1.67	1.10	1.90	1.47	1.97	.62	
May - - - -					.96	3.14	1.20	1.63	1.05	5.04	
June - - - -					1.27	1.60	1.39	.98	.80	.86	
July - - - -					.50	1.94	1.18	3.71	.66	.50	
August - - -					.64	4.01	2.03	1.39	3.84	.29	
September - -					2.97	.00	6.55	1.61	4.21	4.04	
October - - -					1.28	6.42	2.09	2.75	2.23	1.74	
November - -					2.48	4.05	1.18	1.32	2.36	1.48	
December - -					3.84	2.04	2.19	1.32	5.71	3.88	
TOTALS - -					20.91	31.93	29.94	25.82	29.86	27.21	

20      31      29      25      29      27



RAINFALL AT *Walton Park* *Hebrews*

*J. O. H. Jones*

*Somerset.*

Rain { By .....  
Gauge { Diameter.....*5*.....in.      Height above Ground, *1*..... ft. .... in.      Above Mean Sea Level, *111.6*..... ft.

*Parrett - 3.*

YEAR.....							1866	1867	1868	1869	MEANS
January .....							<i>4.27</i>	<i>3.03</i>	<i>3.14</i>	<i>4.41</i>	
February .....							<i>2.78</i>	<i>2.08</i>	<i>1.37</i>	<i>2.15</i>	
March .....							<i>3.16</i>	<i>3.76</i>	<i>1.57</i>	<i>2.31</i>	
April .....							<i>2.05</i>	<i>1.70</i>	<i>1.49</i>	<i>.51</i>	
May .....							<i>1.45</i>	<i>1.75</i>	<i>.98</i>	<i>4.91</i>	
June.....							<i>.92</i>	<i>.98</i>	<i>1.20</i>	<i>1.15</i>	
July .....							<i>1.25</i>	<i>3.64</i>	<i>1.05</i>	<i>.47</i>	
August .....							<i>2.50</i>	<i>1.47</i>	<i>5.82</i>	<i>.23</i>	
September ...							<i>5.78</i>	<i>1.40</i>	<i>4.70</i>	<i>3.59</i>	
October.....							<i>1.96</i>	<i>2.46</i>	<i>2.00</i>	<i>2.16</i>	
November.....							<i>.94</i>	<i>1.35</i>	<i>1.80</i>	<i>1.59</i>	
December.....							<i>2.47</i>	<i>1.26</i>	<i>5.11</i>	<i>4.04</i>	
TOTALS .....							<i>29.53</i>	<i>25.60</i>	<i>30.23</i>	<i>27.52</i>	

*C C C C*

*For lower, open to L. & W.*



Rainfall at Foxdown

Willington Somerset

W<sup>m</sup> Elworthy

Diameter of Gauge, 5 in. Height above Ground, 1 ft. Above Mean Sea Level, ..... ft.

Parrett - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						<sup>A</sup> 4.69	5.94	5.02			
February - -						3.70	4.33	3.15			
March - - -						1.56	3.49	4.74			
April - - -						1.03	1.90	2.67			
May - - - -						3.19	2.12	3.19			
June - - - -						2.91	1.44	1.20			
July - - - -						3.63	1.32	3.94			
August - - -						5.06	3.72	1.08			
September -						1.40	9.13	1.78			
October - -						6.78	2.19	4.38			
November -						4.99	1.87	1.26			
December -						3.15	2.86	1.29			
TOTALS -						42.90	40.31	33.70			

C C C

Day of measurement

Day of measurement



Ilchester

Somerset.

J W Bourne

1.6 66

30 ft 764

8 in + Ground 2 ft

+ Sea Level 20 ft 63

Parrett - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				*							
February - -				3.33	1.26	3.69	5.07	3.88	3.51	4.09	
March - - -				.44	1.10	2.82	3.88	1.84	2.43	2.47	
April - - -				1.06	2.66	1.14	2.51	3.92	1.78	1.56	
May - - - -				1.41	2.01	1.19	1.60	1.19	1.37	1.15	
June - - - -				1.13	.86	1.84	1.50	1.47	1.07	4.85	
July - - - -				4.59	.95	1.58	2.28	1.07	1.20	.90	
August - - -				1.19	.59	2.93	1.15	3.84	1.03	.70	
September -				3.91	.58	3.30	2.12	1.57	5.54	.66	
October - -				3.20	2.50	.00	6.05	1.69	3.81	4.39	
November -				5.59	1.45	5.96	1.82	2.84	2.36	1.95	
December -				2.31	2.80	3.64	1.54	1.43	1.72	2.21	
TOTALS -				1.63	3.03	3.10	2.53	1.24	5.24	3.76	
				29.79	19.79	31.07	32.05	25.98	31.06	28.77	

C C C C C C C



RAINFALL AT *Wellington Somerset*  
*Sunnyside*

Observer.....*William Clowthay*.....

Rain { By.....

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

*Parrett - 3.*

YEAR.....										<i>1868</i>	<i>1869</i>	MEANS.
January.....										<i>#</i> <i>4.46</i>	<i>4.49</i>	
February .....										<i>1.53</i>	<i>2.82</i>	
March .....										<i>2.87</i>	<i>1.42</i>	
April.....										<i>2.15</i>	<i>.87</i>	
May .....										<i>.93</i>	<i>6.07</i>	
June.....										<i>.92</i>	<i>.46</i>	
July .....										<i>.69</i>	<i>.51</i>	
August.....										<i>6.57</i>	<i>.67</i>	
September.....										<i>4.67</i>	<i>4.21</i>	
October .....										<i>3.03</i>	<i>2.72</i>	
November.....										<i>1.17</i>	<i>2.17</i>	
December.....										<i>5.66</i>	<i>4.68</i>	
TOTALS .....										<i>34.65</i>	<i>31.09</i>	



RAINFALL AT *Taunton**The Castle*Observer..... *Geo Gillett*.....

Rain { By.....

Gauge { Diameter..... *8*.....in.Height above Ground, *1*.....ft. *6*.....in.

Above Mean Sea Level.....ft.

*Panett 3.*

YEAR.....										<i>1868</i>	<i>1869</i>	MEANS.
January.....										<i>0</i>		
February .....										<i>3.25</i>	<i>4.40</i>	
March .....										<i>1.10</i>	<i>2.70</i>	
April .....										<i>2.25</i>	<i>1.49</i>	
May .....										<i>1.62</i>	<i>.54</i>	
June .....										<i>1.20</i>	<i>4.37</i>	
July .....										<i>.54</i>	<i>1.09</i>	
August .....										<i>.97</i>	<i>.56</i>	
September.....										<i>5.03</i>	<i>.36</i>	
October .....										<i>3.88</i>	<i>3.31</i>	
November.....										<i>2.16</i>	<i>2.65</i>	
December.....										<i>1.25</i>	<i>1.74</i>	
TOTALS .....										<i>5.22</i>	<i>3.66</i>	
										<i>28.47</i>	<i>26.87</i>	



Taunton

Somerset.

Dr. Gillott

38 634 65

G. R. & G. + ground  $1\frac{1}{2}$  in + Sea Level 50 ft  
 Parrett 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.22	.95	2.34	3.97	1.65	3.72					
February - -	.69	2.46	.66	.53	1.46	2.48					
March - - -	2.26	2.53	4.15	1.43	2.94	1.40					
April - - -	1.82	.36	2.74	1.42	1.96	.94					
May - - - -	2.38	1.31	2.65	1.79	.90	3.24					
June - - - -	4.91	3.60	2.07	3.96	1.17	1.50					
July - - - -	1.60	4.35	1.88	.54	.70	2.34					
August - - -	3.52	.71	2.22	4.14	.68	4.77					
September -	1.87	1.58	1.95	2.46	2.08	0.00					
October - -	1.70	2.53	3.96	4.41	2.20	6.41					
November -	4.12	4.95	.85	2.51	2.24	3.94					
December -	4.53	1.44	1.85	1.38	3.02	2.88 <sup>ft</sup>					
TOTALS -	32.62	26.77	27.32	28.54	21.00	33.62					

5 5 5 5 5 5



Rainfall at Taunton (Fulland School)

Somerset.

W Reid

Diameter of Gauge, 5 in.Height above Ground, 1 ft. 4 in.

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

Parrett - 3.

YEAR - -						1865	1866	1867	1868	1869	MEANS.
January - -						# 2.78	4.82	4.85	3.78	3.20	
February - -						2.30	4.00	1.89	.82	2.94	
March - - -						1.20	3.39	3.81	2.77	1.28	
April - - -						.95	1.91	1.83	1.77	.51	
May - - - -						3.26	1.64	2.87	.95	4.63	
June - - - -						1.47	.77	1.39	.61	.91	
July - - - -						2.97	1.79	3.35	1.26	.44	
August - - -						4.45	1.68	1.47	5.65	.24	
September -						.00	6.87	1.66	3.58	3.27	
October - - -						6.67	1.89	3.38	2.72	2.90	
November - -						3.95	1.14	.81	1.34	1.56	
December - -						2.62	2.06	1.49	5.23	3.13	
TOTALS - -						32.62	31.96	28.80	30.48	25.01	

c c c c c



RAINFALL AT Taunton

Tuckwell

College School

Somerset.

Rain { By Casella  
Gauge { Diameter 5 in.

1/4 68

Height above Ground, 2 ft. 41 in. Above Mean Sea Level, 48 ft.

Parelt - 3.

YEAR.....								1867	1868	1869	MEANS.
January .....								4.17	3.62	5.06	
February .....								2.40	2.02	2.70	
March .....								4.85	1.66	1.38	
April .....								1.87	1.08	.66	
May .....								2.79	.81	4.91	
June .....								1.33	.50	1.02	
July .....								6.28	.74	.54	
August .....								1.45	5.31	.38	
September ...								1.30	4.16	3.38	
October .....								3.59	1.68	2.98	
November .....								1.20	2.04	1.73	
December .....								1.33	6.10	3.91	
TOTALS .....								32.56	29.72	28.65	

C C C



RAINFALL AT Taunton

The Mount

Somerset.

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

Height above Ground, 0 ft. 0 in.

Above Mean Sea Level, 9.6 ft.

Parrett - 3.

YEAR .....							1867	1868	1869	MEANS.
January .....									5.89	
February .....							2.24		2.76	
March .....							4.44		1.56	
April .....							1.76		.61	
May .....							2.64		4.61	
June .....							1.38		1.06	
July .....							3.43		.72	
August .....							1.39		.40	
September ...							1.48		3.40	
October .....							3.33		2.73	
November ...							1.21		1.80	
December .....							1.26		3.95	
TOTALS .....									29.49	

1868 Observations lost

C

C



Long Sutton  
 nr Langport Somerset  
 R Palmer

5 in + ground 0.7 in 5 + See level 150 ft  
 Parrett - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.93	.52	2.55	3.50	1.59	3.23	4.85	4.15	3.30	3.98	3.060 +
February - -	.66	3.01	.64	.52	1.24	2.28	3.62	2.00	1.34	2.38	1.769
March - - -	1.99	2.87	3.98	1.26	2.60	.99	2.54	3.76	1.72	1.62	2.333
April - - -	1.96	.36	2.85	1.48	1.95	1.10	2.03	1.51	1.32	.88	1.544 -
May - - -	2.10	1.34	2.86	1.11	1.00	3.19	1.96	1.63	.93	5.41	2.153
June - - -	6.94	3.69	2.36	5.39	1.86	1.75	2.28	1.02	1.01	.95	2.725
July - - -	2.56	3.14	2.47	.92	.66	2.57	1.18	3.53	1.21	.46	1.870
August - -	3.91	.52	1.95	3.88	.71	4.56	2.39	1.74	4.96	.78	2.540
September -	1.91	1.92	2.22	2.74	3.72	.00	6.57	1.71	3.48	3.94	2.821
October - -	1.01	2.37	3.77	5.67	1.65	5.51	2.01	2.89	2.38	2.14	3.020
November -	2.66	4.43	.63	2.53	2.36	3.46	1.52	1.31	1.57	1.58	2.205
December -	2.49	1.64	1.94	1.42	3.17	2.93	2.05	1.35	5.01	3.34	2.534
TOTALS -	31.92	25.01	28.22	30.42	22.51	31.57	33.00	26.60	28.23	27.46	28.574

1864  $\Phi$  at 7 AM on 26<sup>th</sup> March some damage done  
 by the ground so thickly covered with hail that it did  
 not melt for many hours, in some places not during  
 the day



Horton Fitz Warren.

Rainfall at Wey House (4 m. fr. Taunton)

60

Somerset.

Fred: H. Cator

Diameter of Gauge, ..... in.

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

Above Mean Sea Level, ... ft.

Panett - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.15	4.44					
February - -					1.55	2.72					
March - - -					3.24	1.98					
April - - -					1.81	.73					
May - - - -					1.06						
June - - - -					1.07	Absent					
July - - - -					.87						
August - - -					.96	5.12					
September -					2.28	.01					
October - -					2.14	6.18					
November -					2.97	4.59					
December -					2.65	2.89					
TOTALS -					21.75						

\* Absent from H. Cator's record and has neglected it  
by in garden open & free

Gauge in garden open & free



RAINFALL AT *Taunton*

*J E Barnwell*

*Cheddon Fitzpaine*

*Somerset.*

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

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

*Parrett - 3.*

YEAR .....								1867	1868	1869	MEANS.
January .....											
February .....											
March .....											
April .....											
May .....											
June .....											
July .....								} 7 <sup>th</sup> July 5.35			
August .....											
September ...											
October .....								} 7 <sup>th</sup> Oct 3.15			
November ...											
December .....								1.22			
								1.47			
TOTALS.....											

*C*



# Rainfall at *Wiveliscombe*

60

*Somerset.*

*Benj<sup>n</sup> Boucher.*

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

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

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

*Panett - 3. Casella*

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					<i>1.44</i>	<i>4.47</i>	<i>5.31</i>	<i>4.28</i>	<i>4.31</i>	<i>3.89</i>	
February - -					<i>1.99</i>	<i>3.67</i>	<i>3.33</i>	<i>3.93</i>	<i>2.25</i>	<i>3.57</i>	
March - - -					<i>3.65</i>	<i>1.98</i>	<i>2.63</i>	<i>4.53</i>	<i>2.40</i>	<i>1.89</i>	
April - - - -					<i>1.65</i>	<i>.72</i>	<i>1.95</i>	<i>3.45</i>	<i>2.95</i>	<i>.78</i>	
May - - - - -					<i>1.07</i>	<i>2.95</i>	<i>1.85</i>	<i>3.66</i>	<i>1.00</i>	<i>6.42</i>	
June - - - - -					<i>1.84</i>	<i>2.12</i>	<i>1.25</i>	<i>1.18</i>	<i>.63</i>	<i>.52</i>	
July - - - - -					<i>1.20</i>	<i>3.88</i>	<i>1.93</i>	<i>2.52</i>	<i>1.13</i>	<i>.79</i>	
August - - -					<i>1.00</i>	<i>4.35</i>	<i>3.22</i>	<i>.76</i>	<i>5.78</i>	<i>.70</i>	
September -					<i>2.28</i>	<i>1</i>	<i>7.07</i>	<i>1.12</i>	<i>4.16</i>	<i>4.24</i>	
October - - -					<i>1.79</i>	<i>5.89</i>	<i>2.43</i>	<i>4.46</i>	<i>3.22</i>	<i>2.72</i>	
November -					<i>3.03</i>	<i>4.26</i>	<i>2.12</i>	<i>1.09</i>	<i>2.32</i>	<i>2.87</i>	
December -					<i>2.07</i>	<i>2.67</i>	<i>4.08</i>	<i>1.74</i>	<i>6.87</i>	<i>4.54</i>	
TOTALS -					<i>23.01</i>	<i>36.97</i>	<i>37.17</i>	<i>32.72</i>	<i>37.02</i>	<i>32.93</i>	
					<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	<i>E</i>	

*Returns 61 to 63 inclusive not reliable*

*1868 On the 16<sup>th</sup> & 17<sup>th</sup> of August 3.37 in fall*



RAINFALL AT Bagborough  
Taunton

Somerset.

Observer... J. B. Pikey ... Rev. d

Rain { By.....

Gauge { Diameter... 9 .....in.

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

Above Mean Sea Level 1072 ft.

Panett - 3.

YEAR.....										1869	MEANS.
January.....										<del>3</del> 3.58	
February .....										2.61	
March .....										1.37	
April.....										.52	
May .....										4.96	
June.....										.62	
July .....										.52	
August .....										.46	
September.....										3.59	
October .....										2.13	
November.....										1.72	
December.....										3.78	
TOTALS .....										25.86	

C



Bridgewater

Somerset

Alfred Haviland

+ ground 6<sup>th</sup>. <sup>in</sup> + Sea Level 45 ft

Parrett - 3.

[illegible]



RAINFALL AT Holford

J E Barniville

Somerset

Rain { By .....  
Gauge { .....  
Diameter.....5.....in.      Height above Ground, 1.... ft. .... in.      Above Mean Sea Level, 385... ft.

North Coast Streams - 4.

YEAR.....							1866	1867	1868	1869	MEANS.
January .....							# 4.56	4.17			
February .....							3.47	2.47			
March .....							4.04	4.53			
April .....							2.35	2.47			
May .....							.15	3.50			
June.....							1.22	#			
July .....							1.65				
August.....							3.32				
September ...							6.85				
October.....							2.51				
November.....							1.68				
December.....							3.29				
TOTALS .....							35.09				

C C



# Tudbeer Chard

Somerset

Arthur Hall.

Watkins Hill + ground Hft. + Sea Level  
are - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.00	1.00	2.50	4.60	1.80	2.21	4.51	3.00			
February - -	.61	3.80	.30	.80	1.91	1.50	3.60	.71			
March - - -	1.70	3.51	3.91	2.01	2.19	.50	3.10	1.30			
April - - -	2.00	.59	3.30	1.49	1.31	.70	2.40	1.80			
May - - - -	3.40	1.30	2.40	1.50	1.19	3.21	1.50	1.90			
June - - - -	6.10	3.70	2.90	5.00	1.51	.40	.90	.49			
July - - - -	1.50	4.60	2.30	1.49	.40	2.39	1.91	3.30			
August - - -	3.70	.60	3.60	4.21	1.30	3.00	1.49	1.20			
September -	2.80	2.60	2.50	3.10	3.50	.00	7.40	1.10			
October - - -	2.20	2.40	4.59	5.70	2.00	7.30	2.40	2.00			
November - -	4.30	4.70	4.90	2.60	3.40	4.60	1.50	.50			
December - -	3.80	2.20	2.50	2.30	3.20	3.69	1.80	.50			
TOTALS -	35.11	31.00	31.70	34.80	23.71	29.50	32.51	17.80			

1859 Jan: 1.81; Feb: 2.90; March 1.80; April 3.00; May 2.29; June 2.00 July 1.31  
August 2.00 Sept: 3.00; October 2.10; November 3.10 December 2.00 - year = 1

1867 This Cropleys gauge has evidently gone wrong



RAINFALL AT Chard, Cricket St. Thomas.

Somerset.

Observer.....

Rain { By.....

Gauge { .....

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

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

Above Mean Sea Level...400ft.

area - 6.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....									1.46	6.30	
February .....									2.53	3.94	
March .....									3.70	2.65	
April.....									2.03	1.12	
May .....									2.29	6.38	
June.....									.92	1.05	
July .....									.58	.71	
August.....									8.28	.68	
September.....									7.65	5.52	
October .....									3.53	2.16	
November.....									4.64	2.44	
December.....									8.91	5.97	
TOTALS .....									46.52	38.92	

Hyd. Sta. No. 23- 352281 } Adopted for Rainmaster  
 NGR. ST (31) 373086 } Oct. 1975.  
 Alt. 144ft. 135m