

Revoch Eaglisham

60

Penfrew.

Mr. Scott

3 in 69

3 in 65 & 66

Dia 4 in + Ground 9 in

+ Sea Level 700 ft

Clyde, L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			8.00		6.25	5.00	8.50	4.50	9.13	5.75	
February - -			2.00		4.12	4.75	5.50	4.63	7.50	5.25	
March - - -			5.00		7.25	2.75	2.50	1.50	6.50	1.00	
April - - -			5.20		1.75	1.50	1.50	6.88	4.50	1.37	
May - - - -			4.50		2.50	5.25	2.00	2.75	2.75	1.00	
June - - - -			4.00		5.00	5.12	1.75	2.25	1.75	2.50	
July - - - -			7.00		2.50	2.50	5.75	5.13	6.2	2.50	
August - - -			4.00		2.75	5.13	5.12	4.75	5.50	5.00	
September -			3.20		5.50	1.50	7.00	4.50	2.75	7.25	
October - -			12.50		5.63	5.75	3.25	5.25	9.50	2.50	
November -			3.50		5.25	3.50	6.13	2.50	2.00	6.50	
December -			13.70		4.50	3.75	7.50	4.50	6.75	6.75	R
TOTALS -			72.60		53.00	46.50	56.50	49.14	59.25	47.37	

2

2

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per a matter

Shaded by trees; on a wooded knoll 40 ft. above the general level

Middleton
Gorbels District

60

Renfrew.

12 in + Ground 5 in + Sea Level 550 feet
Ayde, L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.65	6.15	6.10	10.55	5.05	4.45	10.76	7.70	9.00	6.10	7.151 +
February - -	4.40	5.37	2.73	6.00	4.05	3.10	7.00	6.30	8.60	7.60	5.515
March - - -	4.50	7.38	5.40	2.05	7.85	2.30	2.15	1.35	7.50	1.55	4.203
April - - -	1.35	.68	5.35	5.40	2.10	1.05	2.00	5.75	4.30	2.60	3.058
May - - - -	3.55	1.05	5.05	3.70	1.30	4.30	2.05	3.25	3.60	1.30	2.915 -
June - - - -	4.40	3.80	3.95	4.25	3.90	.93	2.90	2.45	2.60	2.50	3.168
July - - - -	2.72	5.70	7.75	1.10	3.50	3.20	3.85	4.10	.70	2.50	3.512
August - - -	4.05	10.70	5.20	4.45	1.80	6.00	5.40	4.70	5.50	1.05	4.885
September -	2.25	7.30	3.10	6.90	7.20	1.00	0.15	6.40	3.15	9.25	5.550
October - -	6.02	4.70	11.90	4.60	5.60	4.90	3.60	6.50	6.60	2.30	5.752
November -	2.73	8.70	2.95	5.40	4.35	4.00	6.20	.90	4.70	7.20	4.713
December -	2.30	4.55	9.50	0.15	5.00	4.00	7.40	4.65	8.45	8.60	6.260
TOTALS -	44.72	66.08	68.98	62.55	51.70	40.03	61.46	54.05	64.70	52.33	56.682

✓ ✓ + ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

RAINFALL AT *Newton*

60

Mearns *Renfrewshire*

P R Murdock

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

Height above Ground, ft. *18*..... in.

Above Mean Sea Level, ..*360*.. ft.

Clyde, L. bank - 2.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	<i>#</i> 6.00	5.00	<i>x</i> 4.00	6.40	<i>x</i> 4.00	9.50	4.50	8.70	6.01		
February	5.00	2.10	5.90	<i>x</i> 5.00	1.40	6.90	5.30	8.80	5.63		
March	7.00	5.50	2.60	<i>x</i> 5.00	2.30	1.80	1.00	5.90	.95		
April .....	.50	4.60	4.50	1.80	.60	2.10	6.80	3.90	1.82		
May	1.30	4.50	3.50	1.70	4.00	1.00	2.80	3.60	1.17		
June	2.70	3.20	3.80	3.30	.60	2.00	2.00	1.70	1.98		
July	4.80	6.00	.80	3.30	2.00	3.40	4.20	.30	2.48		
August	6.50	4.00	3.90	1.60	5.30	4.80	4.20	5.30	1.07		
September ...	6.30	3.00	6.70	6.20	1.10	7.50	5.00	3.00	7.70		
October	4.70	11.10	5.10	4.80	4.90	3.40	5.70	6.90	1.85		
November ...	8.40	3.00	5.50	4.50	3.70	5.10	1.20	4.30	5.54		
December		8.40	8.00	5.10	4.20	8.30	4.20	8.70	8.81		
TOTALS.....			60.40	54.30	48.70	34.10	55.80	46.90	61.10	45.01	

x the months marked thus are imperfect so only estimated

1868 has been remarkable for storm, for rain for heat & for drought

1869 Severe drought in summer and suffered much more from want of water than in 1868 although we had not such intense heat, Spring & Autumn frost more severe than usual on 30th Aug. Potatoes completely cut down, Dahlias Indian crop & other flowers black-ended with frost

RAINFALL AT *Byat Linn**Renfrew.*

Observer.....

Rain { By.....

Gauge { Diameter.....*0*.....in.Height above Ground,.....ft.....*5*.....in.Above Mean Sea Level.....*310*.....ft.*Clyde, L. bank - 2.*

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>5.55</i>	<i>5.55</i>	<i>5.45</i>	<i>8.40</i>	<i>3.70</i>	<i>3.45</i>	<i>9.10</i>	<i>4.35</i>	<i>7.90</i>	<i>5.40</i>	<i>5.885</i> +
February.....	<i>4.55</i>	<i>4.90</i>	<i>2.10</i>	<i>4.70</i>	<i>4.15</i>	<i>3.60</i>	<i>7.00</i>	<i>5.25</i>	<i>7.15</i>	<i>4.50</i>	<i>4.990</i>
March.....	<i>3.80</i>	<i>5.95</i>	<i>4.85</i>	<i>2.00</i>	<i>6.50</i>	<i>2.30</i>	<i>1.65</i>	<i>1.10</i>	<i>5.95</i>	<i>.90</i>	<i>3.500</i>
April.....	<i>1.30</i>	<i>.50</i>	<i>4.30</i>	<i>4.87</i>	<i>2.00</i>	<i>.95</i>	<i>1.85</i>	<i>5.30</i>	<i>3.05</i>	<i>1.80</i>	<i>2.672</i>
May.....	<i>2.55</i>	<i>.75</i>	<i>4.55</i>	<i>2.69</i>	<i>1.45</i>	<i>4.00</i>	<i>1.85</i>	<i>2.90</i>	<i>3.00</i>	<i>.75</i>	<i>2.449</i> -
June.....	<i>3.95</i>	<i>3.20</i>	<i>2.85</i>	<i>4.00</i>	<i>3.05</i>	<i>.75</i>	<i>2.15</i>	<i>2.00</i>	<i>1.90</i>	<i>2.20</i>	<i>2.605</i>
July.....	<i>2.35</i>	<i>5.20</i>	<i>5.20</i>	<i>.70</i>	<i>2.45</i>	<i>2.15</i>	<i>3.20</i>	<i>4.25</i>	<i>.50</i>	<i>2.50</i>	<i>2.850</i>
August.....	<i>3.35</i>	<i>8.80</i>	<i>3.70</i>	<i>3.70</i>	<i>1.95</i>	<i>4.65</i>	<i>4.65</i>	<i>3.30</i>	<i>5.30</i>	<i>.90</i>	<i>4.030</i>
September.....	<i>1.90</i>	<i>6.20</i>	<i>2.65</i>	<i>6.00</i>	<i>6.20</i>	<i>1.30</i>	<i>6.80</i>	<i>4.60</i>	<i>2.60</i>	<i>7.80</i>	<i>4.605</i>
October.....	<i>6.00</i>	<i>3.75</i>	<i>10.45</i>	<i>4.25</i>	<i>4.60</i>	<i>4.75</i>	<i>3.00</i>	<i>5.25</i>	<i>5.75</i>	<i>1.85</i>	<i>4.965</i>
November.....	<i>1.55</i>	<i>7.10</i>	<i>2.50</i>	<i>4.40</i>	<i>3.70</i>	<i>3.60</i>	<i>4.80</i>	<i>.00</i>	<i>3.95</i>	<i>5.90</i>	<i>3.830</i>
December.....	<i>2.60</i>	<i>3.40</i>	<i>7.65</i>	<i>6.60</i>	<i>4.05</i>	<i>4.30</i>	<i>6.50</i>	<i>3.70</i>	<i>7.40</i>	<i>8.00</i>	<i>5.420</i>
TOTALS.....	<i>39.45</i>	<i>55.30</i>	<i>56.25</i>	<i>52.31</i>	<i>43.80</i>	<i>35.80</i>	<i>52.55</i>	<i>42.80</i>	<i>55.25</i>	<i>44.50</i>	<i>47.801</i>

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1863 - 56.25 is correct J.M.G.

RAINFALL AT Waulk Glen Reservoir
gorbals

Renfrew.

Observer.....

Rain { By.....
Gauge { Diameter.....12.....in.

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

Above Mean Sea Level.....280.....ft.

Clyde, L. bank - 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.95	5.60	6.20	9.20	3.80	3.85	9.60	4.20	9.25	5.30	6.295 +
February	4.70	5.00	2.05	5.40	4.50	3.50	7.40	5.85	8.25	6.75	5.340
March	4.50	7.00	5.25	1.80	6.90	2.30	1.65	1.00	6.00	1.05	3.745
April.....	1.40	.50	4.40	4.90	1.95	.95	1.95	5.70	3.65	1.85	2.725
May	2.70	.75	4.60	2.75	1.45	3.80	1.80	3.00	2.95	.75	2.455 -
June.....	3.95	3.25	3.00	3.90	3.15	.70	2.25	2.05	1.90	2.10	2.625
July	2.40	5.20	5.20	.70	2.50	2.15	3.40	4.55	.50	2.40	2.990
August	3.55	9.35	3.80	3.70	1.80	4.70	4.65	3.45	5.15	.90	4.105
September.....	2.00	6.50	2.65	6.30	6.25	1.35	7.10	4.90	2.40	8.05	4.750
October	6.10	3.85	10.90	4.25	3.90	4.20	3.30	5.95	5.95	1.90	5.030
November.....	1.65	7.80	2.70	4.55	3.70	3.50	5.40	.05	4.05	6.25	4.045
December.....	2.60	3.90	8.20	7.35	4.40	4.50	7.40	4.10	7.35	8.50	5.830
TOTALS	41.50	58.70	58.95	54.80	44.30	35.50	55.90	45.60	57.40	45.80	49.845

C C + C C C - C C C C

RAINFALL AT *Muirhead Paisley*
Renfrew

Observer.....

Rain { By.....

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

Clyde, L. bank - 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....							8.30	3.25	6.94	5.62	
February							4.75	2.85	6.00	5.12	
March.....							2.15	.82	4.91	1.10	
April.....							1.60	.618	3.29	2.27	
May							imperf	2.95	3.37	1.56	
June.....							2.10	1.93	2.11	2.18	
July							2.82	4.93	.88	3.25	
August.....							4.80	4.28	6.00	1.14	
September.....							6.00	4.83	2.10	8.55	
October.....							3.30	4.76	6.14	2.03	
November.....							3.92	1.52	3.76	5.67	
December.....						# 4.00	5.17	3.31	7.04	5.39	
TOTALS								41.61	52.54	43.88	

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RAINFALL AT *Springside**Renfrew*

Observer.....

Rain { By.....

Gauge {
Diameter.....in.

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

Above Mean Sea Level *532* ft.*Clyde, L. bank - 2.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....							10.64	4.40	8.80	6.28	
February							6.13	4.37	7.80	6.00	
March							2.41	1.23	6.07	1.22	
April							1.95	6.63	3.57	2.53	
May							2.12	2.90	3.80	1.22	
June							2.75	2.35	2.11	2.18	
July							4.05	4.68	1.80	3.56	
August							5.30	5.14	7.74	1.14	
September.....							7.15	5.84	2.20	8.84	
October							4.55	5.20	7.03	2.17	
November.....							5.35	1.70	4.19	6.59	
December						<i>#</i> 5.38	6.96	4.07	8.16	6.52	
TOTALS							59.36	48.51	63.27	48.25	

c c c c c

Rainfall at *Black Thornly (Muir)*

Renfrew.

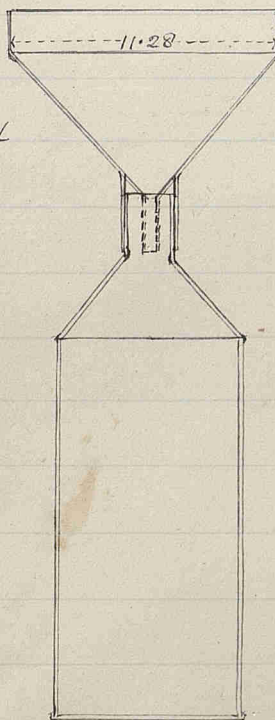
*Loosland*Diameter of Gauge, *11.28* in.Height above Ground, ft. *3* in.Above Mean Sea Level, *646* ft. *Clyde, L. bank - 2.*

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.00	7.00	6.80	9.00	5.10	4.50	12.24	4.00	0.00		
February - -	5.30	5.30	2.80	5.10	3.90	2.83	6.80	5.19	9.44		
March - - -	5.70	8.30	6.50	2.10	5.30	2.15	2.05	1.01	7.16		
April - - - -	1.30	.70	3.60	6.20	3.00	1.26	1.65	7.07	3.90		
May - - - - -	3.50	1.80	5.80	4.40	1.30	4.60	1.95	3.57	3.37		
June - - - - -	4.80	3.20	3.30	4.60	3.90	.79	3.00	2.20	2.92		
July - - - - -	1.90			.60	3.10	2.30	4.00	5.50	.55		
August - - -	4.40	9.00			.80	3.72	4.07	5.75	6.75		
September -	2.20	6.60	3.40	6.70	7.20	1.37	6.62	5.55	2.79		
October - - -	7.10	4.60		4.50	4.20	5.20	4.35	6.60	7.05		
November - -	3.20	9.00		6.00	4.30	4.40	5.40	(.87)	4.65		
December - -	2.10	4.40	8.80	7.30	4.80	5.30	8.25	4.60	*		
TOTALS -	48.50				46.90	38.34	61.18				

Drawing of gauge used
in connection with the
Paistry Waterworks

1867 Nov - G. disturbed

1868 Dec G. stolen



Rainfall at Stanley Reservoir

Long: 4° 26' 48"

Denpew.

W. R. Copland Esq

Lat: 55 49 33

Diameter of Gauge, 11.28 in.

Height above Ground, 1 ft. in.

Above Mean Sea Level, 190 ft.

Clyde, L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.80	5.50	6.70	8.50	4.10	4.40	9.00	4.77	8.80	4.26	6.083
February - -	2.90	4.50	1.80	4.00	3.60	3.38	6.55	4.58	7.65	5.23	4.419
March - - -	2.90	7.00	6.60	1.70	5.60	2.07	1.80	1.15	6.58	1.56	3.696
April - - - -	.80	.70	3.00	5.20	2.60	.57	1.70	6.00	3.72	2.09	2.638
May - - - -	2.00	1.40	5.60	3.60	1.20	3.60	1.90	3.43	2.90	.79	2.642
June - - - -	3.00	3.20	3.10	4.20	3.30	.65	2.91	2.09	2.31	2.03	2.679
July - - - -	1.50	4.20	4.90	.50	2.70	2.68	3.49	5.50	.50	1.13	2.710
August - - -	3.00	9.00	4.00	4.00	1.40	4.35	5.56	4.73	6.18	.06	4.228
September -	.80	4.70	3.10	5.50	5.50	1.23	6.67	4.41	2.61	6.34	4.086
October - -	2.50	2.00	8.80	4.20	3.50	4.60	3.76	5.53	6.46	1.61	4.296
November -	3.00	7.50	2.50	4.60	3.20	4.10	4.75	1.00	4.45	5.38	4.048
December -	2.40	3.60	7.30	6.00	3.10	5.00	6.78	3.65	8.29	7.89	5.401
TOTALS -	29.60	53.30	57.40	52.00	39.80	36.63	54.87	46.84	60.45	38.37	46.926
	C	C	C	C	C	C				C	

RAINFALL AT *Glasgow*
Pollokshields

Rampen

Observer.....

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

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

Above Mean Sea Level.....ft. *50*

Clyde, L. bank - 2.

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>5.09</i>										
February	<i>3.21</i>										
March	<i>7.94</i>										
April.....	<i>1.01</i>										
May											
June.....	<i>4.78</i>										
July	<i>2.13</i>										
August.....	<i>3.54</i>										
September.....	<i>1.50</i>										
October	<i>4.68</i>										
November.....	<i>1.28</i>										
December.....	<i>2.80</i>										
TOTALS											

60 Mr. Gales Paper

Burntfields, Kilbarochan Co Renfrew

60
S D

55.51 N 4.16 W

David Robie

Map Ref No 61

5.6 66 67 8 in 66

Dean 8 in

1 foot + ⁶Ground + Sea Level 350 ft

clay, L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.10	10.00	8.20	12.10	6.10	6.05	12.20	6.50	14.50		
February - -	7.10	5.70	2.80	6.70	5.00	3.90	8.05	6.00	11.20		
March - - -	6.90	9.27	4.40	3.80	6.75	2.50	2.80	1.40	8.45		
April - - -	1.90	.80	4.50	7.30	2.35	1.43	2.20	7.90	4.00		
May - - - -	3.45	1.00	6.30	4.00	1.30	4.67	1.80	3.75	5.10		
June - - - -	5.85	4.87	4.60	4.50	4.20	1.30	3.00	2.60	2.20		
July - - - -	2.45	5.35	7.30	.60	3.15	3.82	4.50	5.90	1.20		
August - - -	5.35	13.38	4.90	4.90	2.35	6.80	6.90	5.40	6.13		
September -	2.52	6.30	3.90	6.60	7.30	2.10	8.70	6.30	2.40		
October - -	8.10	5.90	12.00	4.50	4.15	5.25	6.00	7.30	7.15		
November -	3.10	11.25	3.50	6.10	5.70	4.48	7.55	1.40	4.30		
December -	3.75	5.00	12.80	9.20	5.80	6.10	10.50	5.70	5.10		
TOTALS -	58.57	78.82	75.20	70.30	54.15	48.40	74.20	60.15	71.73		

210 100 100 100 100 100 100 100 100 100

1860 1861 1862 1863 1864 1865 1866 1867 1868 1869
1860 1861 1862 1863 1864 1865 1866 1867 1868 1869
1860 1861 1862 1863 1864 1865 1866 1867 1868 1869

Paisley
Jorgustie House

Penfrew.

Mr J Stewart

Map No 22

Block of the Works to the Jorgustie Esq

85 62

Diam 3 in + ground 3 in
41
3 in 1864
clyde, L. bank - 2!

+ Sea Level 88 feet
84 ft 60

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.12	6.50	6.05	10.89	3.75	3.00	8.90	4.47	9.55	6.17	
February - -	6.10	6.00	1.85	5.00	4.90	2.60	8.30	4.70	6.88	7.10	
March - - -	4.61	9.05	6.13	1.82	6.62	2.00	1.32	5.0 ²	6.21	1.00	
April - - -	1.30	1.37	3.85	5.20	2.47	1.40	1.30	5.60	2.62	1.58	
May - - - -	1.90	1.20	5.43	2.47	1.42	3.60	1.00	2.80	2.68	.50	
June - - - -	3.55	2.91	3.40	3.82	3.10	.70	.40	1.60	1.32	1.62	
July - - - -	1.35	3.65	5.54	.55	2.12	1.90	2.40	3.80	—	3.20	
August - - -	4.20	10.50	3.71	3.35	1.29	4.70	2.80	2.80	4.95	.75	
September -	1.75	5.85	2.45	6.03	6.10	1.22	7.20	3.80	2.72	7.05	
October - - -	6.10	5.15	12.20	5.00	2.70	5.10	3.00	4.70	5.67	1.65	
November - -	1.50	10.36	2.66	3.02		4.10	2.30	1.14	3.82	5.40	
December - -	3.10	4.25	7.96	8.49		4.56	10.20	3.64	8.22	9.20	
TOTALS -	42.58	66.79	62.03	55.64		34.88	49.12	39.55		45.22	

✓ c c c c c c c c c c

1863 gauge said to be 4 ft + 5 ft

1867 - I believe Mr S. cannot add up - in another return he gives

Jan 4.57, Feb 4.80, May 2.90 July 3.60, Oct 5.20 Nov 1.12 Year 40.13

1868 July return from somewhere a 1

Locherfield

(Johnston, Paisley)

Rempres.

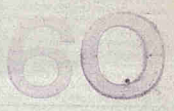
A. Hardie

+ ground ^{ft in} 3.6

Clyde, L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -		7.80	5.90								
February - -		3.40	- - -								
March - - -		3.40	6.20								
April - - - -		.50	4.60								
May - - - - -		.40	4.00								
June - - - - -		1.70	3.70								
July - - - - -		3.40	5.30								
August - - -		14.10	4.50								
September -		5.70	6.00								
October - - -		4.70	11.10								
November -		6.90	6.60								
December -		3.90	9.60								
TOTALS -		55.90									

✓ C ✓ C



Greenock Shaws W. W.

No 1 = S. end of Embankment of Great Reservoir

Look Home

Renfrew.

+ Ground bin. + S.L. 600.

8 1/2 65

Firm of Clyde - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					5.30	5.60			5.60	8.20	
February - -					5.60	4.60			10.90	8.40	
March - - -					5.60	2.90			8.30	1.50	
April - - - -					2.50	.60			4.10	3.00	
May - - - - -					1.70	3.50			4.50	.90	
June - - - - -					3.00	1.40			3.20	2.20	
July - - - - -					2.50	2.50			1.50	4.00	
August - - -					1.50	6.10			6.90	1.20	
September -					3.70	1.90			2.50	12.20	
October - -					3.80	6.90			6.40	3.00	
November -					4.50	4.60			4.60	9.50	
December -					4.60	7.60			9.70	10.70	
TOTALS -					44.30	48.20			68.20	64.80	

1864 great floods

L. Taken on 1st of March 1864

Greenock. Shaw's W. W.

60
Penfrew.

N^o 2 NE side of hill on top of which is No 3

Hill side Park-Schieb hill

(Compensation Res.)

+ Ground bin.

+ S.L. 560 ft.

Firth of Clyde - 3

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					6.50	6.50			6.20	8.40	
February - -					6.20	5.90			11.60	8.30	
March - - -					6.10	3.10			9.50	1.40	
April - - - -					3.10	1.00			4.30	3.00	
May - - - - -					2.00	4.10			4.90	90	
June - - - - -					3.90	1.90			3.40	2.10	
July - - - - -					3.60	3.10			1.70	3.90	
August - - -					1.90	6.50			7.30	1.30	
September -					4.10	2.10			3.00	12.00	
October - -					3.60	7.10			7.20	3.00	
November -					5.60	5.90			5.30	9.40	
December -					5.50	8.50			10.50	10.60	
TOTALS -					52.10	55.70			74.90	64.30	

Taken on 1st of Month

Greenock Shaws W. W.

No. 3 Top of Thiel Hill

Rainfrew.

Top of highest hill in neighbourhood, valley runs up to it from S.W.

+ Ground bin.

+ S.L. 800ft.

Fifth of Clyde - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					5.70	5.90			5.30	7.40	
February - -					5.90	5.30			9.50	6.80	
March - - -					5.60	2.70			8.40	.90	
April - - - -					2.90	.80			5.00	2.60	
May - - - -					1.50	3.00			4.60	.80	
June - - - -					3.50	1.50			3.30	2.10	
July - - - -					2.70	3.20			1.90	3.90	
August - - -					1.60	7.50			7.20	1.40	
September -					3.20	2.00			3.30	13.10	
October - -					3.30	6.80			6.30	3.10	
November -					3.50	4.10			5.10	9.10	
December -					5.10	8.30			10.40	12.10	
TOTALS -					44.50	51.10			70.30	63.30	

C C

C C

Greenock Shaw's W. W.

60

No 4 Spunge Hill

Renfrew.

Hill has a N.W. exposure, hills somewhat higher in S.E. and S.

Chia 5

+ Ground bin.

540 ft. + S.L.

Firth of Clyde - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					6.10	5.40			4.50	7.40	
February - -					5.30	3.60			9.20	7.00	
March - - -					5.20	2.60			7.60	.90	
April - - -					2.80	.50			3.30	2.90	
May - - -					1.60	3.60			3.90	.90	
June - - -					2.90	1.60			2.90	2.00	
July - - -					3.00	2.20			1.20	3.70	
August - - -					1.50	5.90			7.10	1.30	
September -					3.90	1.60			2.60	11.70	
October - -					3.50	6.50			5.90	3.00	
November -					4.90	4.30			4.60	8.80	
December -					4.90	7.50			7.90	10.40	
TOTALS -					45.60	45.30			60.70	60.00	

Taken on 1st of Month

Greenock, Shaw's W.W.

Everton Cottage.

Renfrew.

Gauge has NE exposure, hills in S.W.

Peter Morison

+ Ground bin. + S.L. 472.

Firm of Clyde - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					7.60	7.15					
February - -					7.00	3.40					
March - - -					7.00	3.10					
April - - - -					3.20	1.40					
May - - - -					2.00	4.80					
June - - - -					5.20	1.20					
July - - - -					3.60	3.05					
August - - -					2.40	7.60					
September -					^x 8.30	2.25					
October - -					4.10	7.70					
November -					8.15	6.05					
December -					6.70	8.50					
TOTALS -					65.25	56.20					

x Great floods in Greenock in Sept
Taken daily

RAINFALL AT *Greenock Shenns Water Works*

60

Average of 5 gauges

Renfrew.

Rain { By *Peter Morrison*

Gauge { Diameter.....in.

Height above Ground, ft. *2* in.

Above Mean Sea Level, ft. *186.5*

Firm of Clyde - 3.

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>0.50</i>	<i>10.14</i>	<i>6.24</i>	<i>6.11</i>	<i>12.55</i>	<i>8.93</i>			
February			<i>3.20</i>	<i>6.06</i>	<i>6.00</i>	<i>4.56</i>	<i>9.54</i>	<i>6.45</i>			
March			<i>4.42</i>	<i>3.29</i>	<i>5.90</i>	<i>2.88</i>	<i>4.15</i>	<i>3.16</i>			
April			<i>4.68</i>	<i>5.09</i>	<i>2.90</i>	<i>.86</i>	<i>2.45</i>	<i>8.10</i>			
May			<i>5.36</i>	<i>3.52</i>	<i>1.76</i>	<i>3.80</i>	<i>1.97</i>	<i>4.12</i>			
June.....			<i>4.98</i>	<i>4.39</i>	<i>3.70</i>	<i>1.52</i>	<i>3.50</i>	<i>2.72</i>			
July			<i>5.98</i>	<i>.46</i>	<i>3.08</i>	<i>2.81</i>	<i>3.85</i>	<i>5.51</i>			
August.....			<i>3.70</i>	<i>4.82</i>	<i>1.78</i>	<i>6.72</i>	<i>7.25</i>	<i>4.42</i>			
September ...			<i>2.92</i>	<i>7.68</i>	<i>4.64</i>	<i>1.97</i>	<i>8.14</i>	<i>5.12</i>			
October.....			<i>9.54</i>	<i>6.14</i>	<i>3.66</i>	<i>7.00</i>	<i>5.27</i>	<i>7.82</i>			
November.....			<i>3.76</i>	<i>6.11</i>	<i>5.33</i>	<i>4.99</i>	<i>5.62</i>	<i>1.84</i>			
December.....			<i>9.86</i>	<i>7.96</i>	<i>5.36</i>	<i>8.08</i>	<i>9.72</i>	<i>5.01</i>			
TOTALS	<i>56.30</i>		<i>66.90</i>	<i>65.66</i>	<i>50.35</i>	<i>51.30</i>	<i>74.01</i>	<i>63.20</i>			

1865. Out of a total of 51.30, 37.09 was available and 14.21 was lost by evaporation &c

Greenock

Mr. James Gardner

Ms. Aet. No. 59,

Renfrew.

50 - 64 65

Die bin + Ground bin
Fifth of Clyde - 3.

+ Sea Level 64 ft 61

YEAR -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January -	7.90	6.00	8.75	12.50	6.37	6.80	12.55	8.93	12.02	9.52	9.134
February -	7.00	4.90	2.70	7.70	5.77	4.40	9.54	6.31	11.74	11.41	7.147
March -	7.20	9.62	6.00	3.80	6.37	2.83	4.15	2.93	9.21	1.01	5.312
April -	2.05	.45	4.60	6.15	3.00	1.30	2.45	8.10	4.52	2.51	3.513
May -	3.95	1.67	5.30	4.20	1.93	3.88	1.97	4.12	3.78	.82	3.162
June -	5.75	3.90	5.30	3.95	4.23	.95	3.50	2.72	2.11	1.84	3.425
July -	1.50	3.85	5.75	.80	3.33	2.64	3.85	5.51	1.05	2.98	3.126
August -	5.60	11.15	4.10	5.70	1.97	6.77	7.25	4.42	8.42	1.25	5.663
September -	3.45	7.10	2.95	7.97	7.66	1.70	8.04	5.12	2.32	10.72	5.697
October -	7.30	5.85	13.20	6.86	2.93	6.40	5.27	7.82	6.52	2.45	6.460
November -	3.30	9.30	4.45	6.10	6.83	4.65	5.62	1.84	5.00	8.55	5.564
December -	4.25	5.35	11.15	9.83	5.47	7.11	9.72	4.62	10.62	11.41	7.953
TOTALS -	59.25	69.14	74.25	75.56	55.80	49.43	73.91	62.44	77.31	64.47	66.156

Rainfall at Gourock Renfrewshire

60

Renfrew.

W^m Melvin (Asstn)

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, 2.50 ft.

Form of Clyde - 3.

YEAR - -	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		10.57	5.00	5.51	12.60	6.40	11.26	8.19	
February - -		6.74	5.58	4.84	9.99	6.98	12.69	10.07	
March - - -		3.30	5.32	2.78	4.09	2.90	9.13	7.63	
April - - -		6.20	3.15	1.60	2.53	8.36	3.80	2.51	
May - - - -	#	4.80	3.63	1.79	4.08	1.93	4.00	4.66	.34
June - - - -		5.02	4.29	4.65	1.09	2.79	3.19	2.28	1.82
July - - - -		6.06	.62	2.80	3.18	4.82	4.73	1.23	2.20
August - - -		4.28	6.10	2.62	6.30	6.95	5.04	7.83	1.26
September -		2.59	7.40	7.06	1.95	7.73	5.08	2.89	10.82
October - -		10.49	6.52	2.85	6.20	4.68	8.65	6.31	2.40
November -		3.51	5.88	5.76	4.22	6.80	1.28	4.90	8.78
December -		9.00	8.70	4.98	6.48	9.87	6.08	9.78	11.18
TOTALS -		69.95	51.56	48.23	74.78	62.69	76.76	61.20	

C C e C C C C C

Cardross, Dumbarton

Bloomhill.

7 miles N. W. of Glasgow City

Mr. J. Fleming, Gardener

J. W. Burns Esq.

Die 8 in?

+ Ground 1.0

+ S.L. 50 ft.

Fish of Clyde, etc - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					5.00	4.20	10.70	5.50	12.00	8.25	
February - -					3.70	3.60	7.55	5.60	8.35	6.20	
March - - -					5.25	2.25	3.50	2.60	6.40	1.10	
April - - -					2.00	1.00	2.20	7.55	4.60	1.20	
May - - - -					1.65	4.30	1.40	4.30	3.55	.65	
June - - - -					3.15	.80	2.60	2.00	2.90	2.85	
July - - - -					3.15	3.40	4.45	5.50	.80	2.00	
August - - -					1.80	7.10	6.10	3.70	6.80	1.70	
September -					6.40	1.15	6.80	4.95	2.50	7.90	
October - -					4.00	5.95	4.35	6.80	5.90	1.85	
November -					5.50	4.65	6.00	1.90	5.20	6.60	
December -					3.35	7.00	8.95	4.35	9.35	7.20	
TOTALS -					44.95	45.40	64.60	54.75	68.35	47.50	

✓ c c c c c c

RAINFALL AT Helensburgh

Wm. Mc Kenzie

Lodestone Academy

Dumbartonshire

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

Height above Ground, ft. in.

Above Mean Sea Level, 48 ft.

Firth of Clyde, etc - 2.

YEAR							1867	1868	1869	MEANS.
January							9.52			
February							6.74			
March							2.82			
April							6.32			
May							3.16			
June										
July							3.72			
August							4.11			
September ...							3.76			
October							6.67			
November ...							2.19			
December							3.19			
TOTALS.....										

C

RAINFALL AT *Helenburgh Water Works*

Observer *Thomas Murray*

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level *29.5* ft.

Fork of Clyde, etc - 2.

YEAR.....									1868	1869	MEANS.
January.....										6.80	
February										7.05	
March										1.27	
April.....										1.40	
May								#	2.90	1.55	
June.....									2.90	2.77	
July									70	1.70	
August.....									6.37	97	
September.....									3.60	8.90	
October									5.00	1.90	
November.....									3.31	7.17	
December.....									8.80	6.80	
TOTALS										47.28	

C. C.

Rainfall at HowDumbartonshireJ. S. Thomson Esq M D

Diameter of Gauge, in.

Height above Ground, .0. ft. .0. in.Above Mean Sea Level, .522..... ft.Firth of Clyde etc - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.50	7.79									
February - -	4.69										
March - - -	5.52										
April - - -	1.06	.55									
May - - - -	3.50	1.44									
June - - - -	5.43	3.69									
July - - - -	1.00	6.11									
August - - -	5.79	9.37									
September -	3.00	5.00									
October - - -	0.37										
November -	3.14										
December -	5.00										
TOTALS -	54.76										

C C

Duddarrock

Lochlong

Dumbarton.

John White Esq.

3268

Die 5 in 69 + Ground 1 ft + Sea Level 80 ft
 Firth of Clyde etc - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	0.00	7.65	13.04	0.50	7.05	5.82	14.00	7.34	12.68	10.89	9.513	+
February - -	5.46	6.06	2.39	6.97	6.95	6.84	9.44	8.57	13.92	10.34	7.774	
March - - -	0.41	12.40	5.42	5.84	7.90	3.91	6.04	4.42	11.09	2.74	6.825	
April - - -	2.86	2.59	7.31	6.95	3.55	1.74	5.02	9.82	6.03	2.14	4.601	
May - - - -	6.03	1.53	5.77	4.53	1.89	4.35	2.50	3.56	5.79	.57	3.652	-
June - - - -	6.66	5.68	6.86	4.91	5.47	1.35	2.03	3.38	3.53	2.40	4.227	
July - - - -	3.04	5.15	0.70	.33	4.81	4.50	3.16	4.47	1.38	2.60	3.814	
August - - -	6.88	13.37	5.40	6.06	2.98	6.86	10.27	5.47	0.27	.97	6.653	
September -	4.52	9.24	2.89	9.56	11.22	2.63	10.10	5.51	4.55	11.79	7.201	
October - -	10.48	0.33	14.40	7.58	4.31	9.12	4.81	0.89	9.87	3.49	8.128	
November -	5.42	9.62	5.21	6.47	8.59	5.61	9.00	2.58	0.01	9.70	7.021	
December -	5.09	6.40	7.74	10.85	5.88	0.06	12.98	6.49	13.91	11.72	8.912	
TOTALS -	72.93	86.90	85.13	78.63	70.60	60.79	89.35	70.50	99.03	69.35	78.321	

1869 19th Sep. Bar: fell from 29.20 to 28.70 S Gale from SW

13 Dec. " " 29.30 - 28.40 S Gale " W

Very dry summer great scarcity of water along the West coast.

Arrochar, Dumbartonshire

head of Loch Long

A. E. McDougall Esq 3 63 865

bin = 64

1-6-68

10 64

Diam 3 + ground 2 7-67 + Sea Level 40 ft 62
Firth of Clyde - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			18.72		10.00	9.90	16.50	7.10	21.70	10.85	
February - -			5.83		5.52	6.55	11.88	11.00	16.30	22.10	
March - - -			5.30		8.82	4.85	7.20	4.70	14.50	4.45	
April - - - -			11.96		2.95	2.24	4.62	14.20	7.50	4.65	
May - - - - -			6.60		2.35	7.30	2.56	4.52	7.00	1.25	
June - - - - -			7.95	4.86	8.60	2.40	4.34	3.25	5.00	3.35	
July - - - - -			10.36	.25	5.64	6.00	4.50	6.28	1.90	6.05	
August - - -			6.48	8.12	3.48	10.04	11.20	4.70	12.36	3.15	
September -			3.75	12.45	12.72	3.12	12.20	8.80	3.52	19.15	
October - - -			17.25	7.90	5.08	5.85	7.40	13.50	15.10	6.20	
November -				10.56	7.25	6.95	9.65	3.05	9.90	15.60	
December -				21.86	7.19	11.20	16.25	10.00	20.52	20.50	
TOTALS -					79.60	76.40	108.30	91.10	135.30	117.30	

1868 Augth 2.50 in 13 hours.

1869 - The obs^s were during this year made at Upper Inveruglass
a short distance from Arrochar - gauge 2 ft + 6 in 100 ft + 5 ft.

Balloch Castle
 A. J. D. Gordon Esq - Dumbarton
 David Hill (Gardener)

Dia $6\frac{3}{4}$ + ground 4 in
 Clyde, Leven - 3.

+ Sea level 90 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			8.49	8.14	5.26	4.68	9.22	4.76	8.92	7.96	
February - -			2.33	4.57	5.14	4.41	7.78	4.83	7.01	6.20	
March - - -			4.80	3.00	6.36	2.50	3.10	2.60	6.09	1.42	
April - - - -			5.34	4.24	3.64	.96	1.84	6.30	4.35	1.81	
May - - - -			5.33	2.87	1.63	3.14	1.50	3.60	2.74	.75	
June - - - -		3.10	4.49	4.30	4.29	1.16	2.83	1.72	2.50	2.73	
July - - - -		3.15	6.95	.65	3.16	3.26	4.45	3.90	1.31	2.73	
August - - -		12.11	4.90	4.82	2.42	7.04	7.37	5.35	5.56	.92	
September -		5.95	2.61	7.40	6.36	1.94	6.00	4.93	3.06	8.51	
October - -		6.00	9.90	5.55	3.57	5.92	4.21	5.50	5.75	2.37	
November -		8.50	3.83	4.70	4.83	4.57	5.66	2.20	4.01	6.85	
December -		4.10	8.71	7.67	3.21	5.62	7.63	4.31	7.48	6.05	
TOTALS -			67.68	57.91	49.87	45.20	61.59	50.00	58.78	48.30	

c c c c c c c c c c

Rainfall at Luss No 1

Dumbarton

Arch^d Mc Dougall Esq^r

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

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

Above Mean Sea Level, 70..... ft.

Clyde, Leven - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -					8	7.80	11.60	7.45	15.85		
February - -						3.92	11.60	10.18	13.15		
March - - -						3.43	4.93	2.75	11.00		
April - - -						1.96	3.15	11.42	5.20		
May - - - -						4.10	2.40	4.25	5.50		
June - - - -					6.00	1.73	3.42	3.06	3.30		
July - - - -					5.52	6.72	4.23	5.34			
August - - -					2.92	9.12	12.00	6.62			
September -					12.08	2.70	12.00	6.11			
October - -						5.75	7.40	11.18			
November -						5.58	8.33	2.21			
December -						8.86	15.00	7.68			
TOTALS -						61.75	96.06	78.25			

(C C C C C)

RAINFALL AT *Loch Lomond*
Lup No 2

Dumbarton.

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

Clyde, Level - 3.

YEAR								1866	1867	1868	1869	MEANS.
January									6.42	15.48		
February									10.00	13.02		
March									2.50	10.70		
April									11.06	5.10		
May									4.15	5.40		
June									3.06	3.30		
July									5.35			
August									6.44			
September ...									6.18			
October									11.08			
November ...									2.15			
December									7.81			
TOTALS.....									76.20			

C C

RAINFALL AT Glen Muckkairn

dup Glen Loch Lomond

A. E. McDougall Esq;

Dumbarton.

Rain { By
Gauge { Diameter.....3.....in.

Height above Ground, ft. 4. in.

Above Mean Sea Level, 250. ft.

Clyde, Leven - 3.

YEAR							1866	1867	1868	1869	MEANS.
January								13.30	18.80		
February								12.60	17.20		
March								4.00	15.00		
April								13.86	7.40		
May								5.74	7.10		
June								3.80	4.70		
July								6.02			
August								7.30			
September ...								8.40			
October								13.05			
November ...								3.00			
December								8.93			
TOTALS.....								100.00			

C C

Glen Muckkairn
gauge x
Glen Muckkairn
I II
xx Luss

RAINFALL AT *Furkin Loch Lemond No I*

60

half way between Lugs & Arrochar

A Mc Dougall

Dumbarton.

Rain { By
Gauge { Diameter.....*3*.....in.

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

Above Mean Sea Level, ...*100*³... ft.

Clyde, Leven - 3.

YEAR.....							1866	1867	1868	1869	MEANS.
January							# 18.50	6.60	17.00	15.05	
February							10.75	11.42	14.80	11.40	
March							6.05	4.80	12.80	2.48	
April							5.48	13.46	7.05	3.75	
May							2.52	4.52	6.45	1.35	
June							4.45	3.32	4.45	3.33	
July							4.68	5.88	1.83	5.53	
August							11.10	4.72	10.12	1.78	
September ...							13.10	8.85	3.20	15.88	
October							7.25	11.72	12.90	5.15	
November							9.64	3.16	8.08	10.05	
December							16.28	8.25	15.57	17.75	
TOTALS							109.80	86.70	114.25	93.50	

*Furkin No. II - Only at work during one month,
1866 Sept^r = 12.80*

Strick gown

on W bank of Loch Lomond

Dumbarton.

Captⁿ D Ainsworth

Lat 56 11.27 N

Lon 4.39.20 W

Di: 5in + ground 2.8in

+ Sea Level 110 ft.

Clyde, Leven - 3.

244 in 65

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					9.96	9.81	17.98	7.59	16.72		
February - -					7.13	5.84	13.16	10.80	14.63		
March - - -					9.13	4.85	6.34	4.11	13.34		
April - - -					4.23	2.23	5.55	12.62			
May - - - -					2.64	6.08	2.34	4.47			
June - - - -					7.66	2.09	4.81	4.12			
July - - - -				*.46	5.59	5.96	4.21	6.02	*		
August - - -				9.32	4.61	9.00	11.61	6.37			
September -				11.98	12.18	3.67	11.08	8.64			
October - - -				8.13	5.39	6.49	7.55	10.93			
November - -				10.74	10.63	8.07	9.01	3.34			
December - -				15.68	8.63	12.86	16.40	8.86			
TOTALS -					87.78	76.95	110.04	87.87			

✓ (((((((

163 for 6 months = 56.31

Aug 8th 1.98, 15th 2.54 Nov. 22nd 1.83 Dec. 12th 2.79 in1864 - No rain for 17 days after Sept. 29th.1868 discontinued on 28th of March

RAINFALL AT *St. Jarbet*

Dumbarton.

Rain { By
Gauge {
Diameter.....in. Height above Ground, ft. *1* in. Above Mean Sea Level, *60* ft.

Clyde, Leven - 3.

YEAR.....	<i>1860</i>	<i>1861</i>									MEANS.
January											
February											
March											
April		<i>1.20</i>									
May		<i>3.50</i>									
June.....		<i>6.50</i>									
July		<i>7.52</i>									
August.....		<i>21.25</i>									
September ...		<i>12.32</i>									
October.....		<i>11.94</i>									
November.....		<i>15.92</i>									
December.....		<i>14.40</i>									
TOTALS											

C

Ardvoirlich (No 1)

Loch Lommond.

Dumbarton.

+ Ground 3 ft. + S.L. 50 ft.

Clyde, Leven - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					9.00						
February - -					8.15						
March - - -					10.00						
April - - - -					4.00						
May - - - - -					2.52						
June - - - - -					8.18						
July - - - - -					6.65						
August - - -					3.95						
September -					15.50						
October - -					6.35						
November -					11.68						
December -					11.52						
TOTALS -					97.50						

2 bad

Rainfall at *Ardvoirlich, Loch Lomond.*

Nº II

Dumbarton.

Arch.º M.º Dougall Esq.º

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

Clyde, Leven - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -											
February - -											
March - - -					<i>9.00</i>						
April - - -					<i>3.60</i>						
May - - - -					<i>2.28</i>						
June - - - -					<i>7.60</i>						
July - - - -					<i>6.08</i>						
August - - -					<i>3.78</i>						
September -					<i>14.75</i>						
October - -											
November -											
December -											
TOTALS -											

C

Rainfall at *Ardvoirlich, Loch Lomond.*
N^o III. *Dumbarton.*

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

Clyde, Leven - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -											
February - -											
March - - -					7.60						
April - - -					3.65						
May - - - -					2.52						
June - - - -					7.80						
July - - - -					5.92						
August - - -					3.84						
September -					15.35						
October - -											
November -											
December -											
TOTALS -											

C

Rainfall at *Stuckendroin*.

Dumbarton.

Arch^d M^r Dougall Esq^r

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

Clyde. Level - 3.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -											
February - -											
March - - -					8.85						
April - - -					3.80						
May - - - -					2.35						
June - - - -					8.04						
July - - - -					6.25						
August - - -					3.60						
September -					15.76						
October - -											
November -											
December -											
TOTALS -											

C

Rainfall at *Grolic, Dumbartonshire**Head of Loch Lomond*
Coch. Mc Donnell 11 Blackford Road.

Diameter of Gauge, ...3..... in.

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

Above Mean Sea Level, ...50..... ft. ?

Clyde, Leven - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						* 13.90	25.48	9.80	22.84	11.65	
February - -						5.72	13.80	13.92	23.64	13.92	
March - - -						4.52	7.67	5.13	17.40	3.98	
April - - -						2.90	7.88	15.27	8.75	3.75	
May - - - -						6.36	2.50	4.68	9.00	1.25	
June - - - -						2.10	3.67	6.18	5.84	3.65	
July - - - -						6.30	5.41	6.27	7.97	6.35	
August - - -						9.35	11.46	6.63	13.60	3.50	
September -						4.24	14.00	11.84	3.56	19.65	
October - -						8.36	8.68	14.08	15.15	6.50	
November -						9.45	9.45	4.48	9.93	16.00	
December -						* 20.30	21.30	10.82	23.07	22.30	
TOTALS -						92.60	131.30	109.10	154.75	117.50	

* 1865 Dec. mostly in the last ten days

1868 nearly 13 inches of rain fell in the last three days of Jan^y Hills covered with snow on the 15th of Oct^r
 1869 The winter of 69-70 remarkable for its changeable character and the severest for many years

RAINFALL AT *Millpeckle* *Edmont**Stirling**Hugh Muller*Rain { By
Gauge { Diameter.....in.Height above Ground, *1* ft. in.Above Mean Sea Level, *165* ft.*Forth, R. Bank - 1.*

YEAR				1863	1864	1865	1866	1867	1868	1869	MEANS.
January				9.45	5.40						
February				4.50	3.10						
March				1.10	1.75						
April				2.70	2.60						
May				2.40	2.10						
June				2.50	.19						
July .....				.10	.30						
August				3.75	1.75						
September ...				3.50	3.00						
October				3.10	3.50						
November ...				2.00	4.25						
December				4.10	5.60	<i>4</i>					
TOTALS				40.00	33.54						

C C

RAINFALL AT Mulfield

Polmont,

60

Starling.

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Fork, Run - 1.

YEAR.....	1860										MEANS.
January	4.59										
February	1.45										
March	3.15										
April											
May											
June.....											
July											
August.....											
September ...											
October.....											
November.....											
December											
TOTALS											

C

RAINFALL AT *Falkirk Ararat Hill*

Stirling.

Observer *A. Buchan Esq.*

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

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

Above Mean Sea Level.....ft.

Fork, Rank - 1.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....				7.60	3.30	2.75	4.90	4.05	7.60	4.50	
February				2.82	2.70	1.70	2.50	4.58	6.39	6.12	
March				1.22	5.40	1.15	1.50	.59	4.10	.71	
April				2.90	1.20	.70	.83	4.05	3.78	1.20	
May				2.15	1.50	3.50	.50	2.88	2.44	.80	
June				2.00	2.40	.05	1.30	2.60	.60	1.30	
July .....				.15	1.60	3.30	3.55	5.00	.15	1.25	
August				2.90	1.95	4.10	4.40	3.10	4.80	.80	
September.....				3.75	3.62	.38	4.05	2.50	2.95	5.20	
October				3.90	4.05	4.80	2.00	3.22	3.32	1.98	
November.....				2.60	2.50	2.90	3.52	.98	2.99	3.05	
December				4.95	3.05	2.55	6.80	2.52	5.59	3.77	
TOTALS				36.94	33.27	27.38	35.85	36.07	44.71	30.68	

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RAINFALL AT Kerse FalkirkEarl ZetlandStirlingRain { By
Gauge { Diameter 8 in.Height above Ground, 1 ft. in.Above Mean Sea Level, 103 ft.Forth, Rbank - 1.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	3.80	2.00	4.60	6.00	3.00	2.80	4.70	3.50	6.30	4.20	4.090 +
February	2.10	3.00	.70	2.50	2.50	1.50	5.60	3.60	4.50	5.30	3.130
March	3.30	4.60	4.20	1.10	4.70	1.50	2.00	1.00	2.80	.80	2.600
April .....	.80	.80	2.20	2.70	1.20	.80	.90	3.35	3.10	.90	1.678 -
May	1.50	.80	3.00	2.00	2.00	2.80	.70	3.20	2.00	.70	1.870
June	4.40	2.00	2.40	2.50	3.00	1.10	1.50	2.10	.90	1.30	2.120
July	3.00	3.80	3.50	.10	2.20	3.50	3.20	4.20	.10	1.10	2.470
August	3.00	5.70	3.00	3.00	1.20	4.20	3.40	2.60	4.40	1.00	3.150
September ...	1.10	4.60	1.90	3.20	3.60	.60	3.70	2.30	2.40	5.20	2.860
October	4.00	2.30	5.80	3.00	3.50	4.40	2.00	2.60	3.50	1.60	3.270
November ...	2.60	5.00	1.50	2.20	2.50	2.60	3.00	.60	2.20	2.40	2.460
December	2.10	1.30	4.60	3.80	2.40	2.80	4.80	1.90	4.70	4.30	3.270
TOTALS	31.70	35.90	37.40	32.10	31.80	28.60	35.50	30.95	36.90	28.80	32.960

C C + C C T C C C C

Polmaise gardens
w/ Stirling

W. Hugh Gorrie
Muir, 1860

12 2386

6 in. + ground 2 in. + Sea Level 0 feet
Forth, Rank - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	3.60	3.50	7.60	7.50	4.50	2.80	5.40	4.80	8.00	5.30	5.300	+
February - -	6.00	4.00	.80	3.00	3.80	4.80	6.50	3.80	5.10	5.20	4.300	
March - - -	4.20	4.90	4.20	2.00	3.80	1.70	2.50	1.50	4.20	1.10	3.030	
April - - -	1.00	.50	3.50	2.05	1.80	.60	2.00	6.00	4.10	1.25	2.280	
May - - - -	1.00	1.00	3.30	2.00	1.50	2.20	.80	3.60	3.30	.80	1.950	-
June - - - -	4.40	2.00	4.20	3.80	3.20	.20	2.00	2.20	1.50	2.30	2.560	
July - - - -	4.50	5.10	4.30	.50	3.00	3.00	2.80	3.60	.60	2.00	2.940	
August - - -	6.50	7.60	3.00	3.70	1.50	4.20	4.50	3.50	5.00	1.00	4.050	
September -	1.20	5.00	2.50	3.80	4.30	.70	4.70	2.80	2.50	5.70	3.320	
October - -	4.20	4.30	7.50	3.50	3.00	4.70	2.50	5.00	4.00	2.10	4.080	
November -	3.00	5.70	2.70	2.50	3.00	3.00	3.20	1.10	3.00	3.10	3.030	
December -	3.00	3.00	5.70	4.50	2.60	4.70	5.60	2.50	7.00	6.00	4.460	
TOTALS -	42.60	46.60	49.30	38.85	36.00	32.60	42.50	40.40	48.30	35.85	41.300	

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Stirling

SMS

Forth, Rank - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.53	1.90	3.58	12.00	5.40	11.10	5.00	7.00	2.50		
February - -	2.13	3.67	9.00	12.00	5.00	4.70	5.00	10.00	2.00		
March - - -	3.26	5.02	2.70	4.50	1.90	8.90	2.00	7.00	9.00		
April - - -	1.10	2.21	1.00	9.00	3.70	9.00	5.00	5.00	4.80	3.00	
May - - -	1.42		5.00	5.00	1.50	0.10	2.30	4.00	7.00	1.00	
June - - -	4.56	7.00	6.30	8.30	5.50	6.00	5.50	3.50	4.30	2.00	
July - - -	1.64	2.50	2.00	1.00	2.00	8.00	5.60	7.00	1.60	5.00	
August - - -	4.60	2.00	7.00	16.70	6.00	3.00	3.20	2.50	11.00	1.50	
September -	1.14	2.10	6.20	13.50	1.00	5.90	2.00	5.00	4.20	6.00	
October - -	5.14	2.30	10.40	14.10	4.00	5.00	7.00	16.60	4.80	6.00	
November -	1.54	2.20	2.50	8.30	8.00	6.10	8.00	5.10	3.00	2.00	
December -	3.49	2.30	8.50	13.00	8.00	1.50	12.00	3.00	15.00	1.00	
TOTALS -	34.57	4.90	4.70	11.00	7.10	5.00	10.10	5.00	10.00	1.00	

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Benlomond.
Head of Duchray Valley

Stirling.

8 in + Ground 6 in + Sea Level 1800 feet
Forth, R bank - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	9.50	8.50	12.50	14.40		5.40	11.10	—	17.00	13.90	
February - -	0.00	8.70	4.50	12.20	19.80	3.00	4.20	—	12.40	incomplete	
March - - -	12.70	8.50	2.70	4.40		1.90	8.90	—	9.60	.90	
April - - -	2.00	.30	11.80	9.80	2.70	.90	5.20	—	4.80	3.10	
May - - -	8.00	1.60	10.80	4.40	1.40	8.10	2.30	4.10	7.40	1.10	
June - - -	11.00	6.70	6.20	8.20	9.90	.60	5.50	4.20	4.20	2.80	
July - - -	4.40	8.50	11.20	.80	2.00	7.80	5.60	7.30	1.60	5.00	
August - -	10.40	18.10	7.20	11.70	6.00	12.10	13.20	8.90	11.60	1.30	
September -	5.60	12.20	6.20	15.50	11.00	2.90	13.80	9.60	4.20	16.00	
October - -	14.70	12.30	14.60	14.20	4.40	5.80	7.90	14.60	11.60	6.80	
November -	3.60	12.20	8.50	8.30	8.90	6.10	8.50	3.10	5.70	8.70	
December -	1.60	2.30	18.50	13.10	8.00	11.80	13.90	7.30	13.10	incomplete	
TOTALS -	83.50	99.90	114.70	117.00	74.10	67.20	100.10		103.20		

* 1864 The gauge being frozen from Dec^r to April much rain was lost probably 11 or 12 inches - the observed fall was 9.80 to which Mr. Gale added by estimation 3.90 making the yearly total 68.00; I find an addition of 10 inches much more probable and thence a total of 74.10 in.

1867 - Observations lost through snow

Strathblair
Mugdock Reservoir, Stirlingshire

60

8 in + Ground 6 in + Sea Level 320 ft
Clyde, R. bank - 5.

YEAR - -	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7 8.00	9.40	3.60	4.10	7.80	2.40	8.40	5.10		
February - -		1.80	3.90	4.20	2.80	5.70	4.70	8.30	6.60	
March - - -	7.00	4.30	3.10	4.00	2.30	2.90	.10	6.20	2.00	
April - - -	.40	4.30	4.30	2.30	1.00	1.80	4.60	3.10	2.00	
May - - -	.60	4.80	3.10	1.50	2.40	1.30	3.00	2.80	.60	
June - - -	3.20	4.10	3.60	3.90	.70	2.10	2.50	2.00	2.40	
July - - -	4.40	6.30	1.10	3.00	2.60	4.00	4.20	1.10	2.70	
August - -	10.40	4.20	4.30	2.30	6.10	5.80	2.50	4.30	1.10	
September -	6.00	3.00	6.40	6.30	1.40	6.50	4.10	2.80	7.70	
October - -	4.70	8.40	4.00	2.60	4.10	3.70	4.70	5.50	2.30	
November -	7.90	3.00	5.00	3.50	3.40	6.00	1.20	5.50	6.80	
December -	3.50	8.40	6.60	3.10	4.00	7.60	6.10	6.90	5.30	
TOTALS -		60.60	54.80	40.30	34.90	55.20	40.10	56.90	44.60	

C C C C C C C C C C 38740

Rothsay Cotton Mills
Isle of Bute
Sharp, Thompson & Co

+ Ground 10 ft + Sea Level 40 feet
(but see below)

Bute - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.70	5.00	8.20	6.40	3.40	5.60	10.40	3.90	7.60	6.90	6.310
February - -	4.60	3.30	2.70	2.90	3.00	4.20	4.80	2.30	5.90	6.00	3.970
March - - -	3.60	6.30	3.30	2.30	5.00	2.60	4.20	2.10	7.40	1.60	4.040
April - - -	2.00	.20	3.50	4.90	2.20	.80	1.70	6.90	4.00	2.20	2.840
May - - - -	3.50	1.70	5.70	4.10	1.60	2.50	2.50	3.20	3.20	.40	2.840
June - - - -	4.70	3.50	3.80	4.00	3.20	1.30	2.50	2.00	1.70	2.20	2.890
July - - - -	2.20	4.10	6.10	.20	3.20	2.10	3.60	4.20	1.40	4.00	3.110
August - - -	5.30	10.50	4.30	6.20	1.70	7.40	7.60	4.60	5.50	1.30	5.440
September -	2.50	6.30	2.90	5.80	6.00	1.00	6.10	4.20	2.00	8.20	4.500
October - -	5.70	5.20	8.30	4.70	2.60	5.00	4.20	5.80	6.20	1.60	4.930
November -	3.20	6.00 6.00	3.30	4.30	5.80	3.80	5.10	1.50	5.50	6.30	4.480
December -	3.20	4.20	7.40	6.90	3.00	5.00	6.00	3.70	6.80	7.00	5.320
TOTALS -	48.20	56.40 56.30	59.50	52.70	40.70	41.30	58.70	44.40	57.20	47.70	50.670

In 1877 the original registers were found among some rubbish at the mills by Mr. J. Hay and the figs. for Nov. 1861 were adopted after communication with him.

Mr. Hay says gauge stood on the surface of the ground about 10ft above sea level

Hyd. Sta. No. 76- 667443

NGR: NS (26) 093649

alt. 3m

RAINFALL AT Bothesay

Date.

Rain { By
Gauge { Diameter.....3.....in.

Height above Ground, 2 ft. in.

Above Mean Sea Level, 311 ft.

Date - 1.

YEAR									1868	1869	MEANS.
January											
February											
March											
April								4.50			
May								4.80			
June								1.60			
July								1.10			
August											
September ...											
October											
November ...											
December											
TOTALS.....											

C

Isle of Cumbræ

Rate.

Jas Miller

5 in 68

26 g. in bay on S. of Island, 600 ft from Sea

Die in + Ground 4.6 63, 64, 65 + Sea Level 50 feet
Cumbræ - 2. 4.9 66

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.80	4.30	5.70	6.00	2.80	3.20	6.60	3.00	5.50		
February - -	3.80	2.20	2.10	2.40	3.40	2.70	5.20	3.00	6.00		
March - - -	3.90	5.70	2.90	1.70	2.65	1.70	2.00	1.70	5.10		
April - - -	2.10	.20	3.00	3.20	1.40	.50	1.70	4.00	2.80		
May - - - -	2.80	1.50	5.00	3.30	1.60	3.50	1.50	2.60	2.80		
June - - - -	3.60	2.50	3.40	4.30	2.00	1.10	2.20	2.50	1.20		
July - - - -	2.10	4.00	5.30	.30	2.50	2.00	2.60	3.30	.80		
August - - -	4.40	2.30	3.50	4.20	2.20	6.30	5.40	3.20	5.30		
September -	1.40	4.80	2.10	4.60	5.30	.90	5.00	3.10	1.90		
October - - -	5.40	4.30	7.20	3.40	1.90	3.50	3.30	4.00	5.20		
November - -	2.20	5.10	2.40	3.70	4.40	2.90	4.10	1.00	4.50		
December - -	3.20	3.30	5.80	5.30	2.00	4.00	4.80	3.00	6.00		
TOTALS - -	40.70	47.20	48.40	42.40	32.15	32.30	44.40	34.40	47.00		

1859 - June 1.30; July 2.50; August 3.60; Sept. 5.60; Oct. 3.30

Nov. 3.00; Dec. 2.00.

1863 August 15th 1.50

Camp Pladda

Lat 55.26 Lon 5.7.9

J. J. Salter Esq. Butc

+ Ground 3.3 + Sea Level

55

Annex - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.32	3.01	5.25	6.43	2.01	3.55	6.97	1.44	4.70	4.19	4.387
February - -	2.54	2.73	2.21	3.05	1.80	2.81	4.36	3.70	5.87	4.27	3.334
March - - -	4.80	5.57	4.07	2.88	3.60	2.14	2.38	1.20	7.25	1.62	3.551
April - - -	1.47	.35	4.67	3.01	1.92	.48	1.29	6.34	3.07	2.10	2.470
May - - - -	2.69	1.34	3.80	3.47	.85	2.29	1.44	2.86	3.10	.78	2.262 -
June - - - -	4.36	3.78	4.52	4.04	1.92	1.14	2.02	2.00	.90	1.46	2.614
July - - - -	1.36	3.54	5.37	.66	1.26	1.76	2.04	5.56	1.28	1.29	2.412
August - - -	3.84	6.72	2.70	3.20	1.39	2.17	4.96	3.20	7.15	1.20	3.653
September -	1.67	4.97	1.81	4.95	3.20	1.22	5.40	4.99	1.52	7.86	3.759
October - -	4.69	2.66	10.55	3.75	1.74	4.13	1.81	5.35	5.92	3.30	4.390 +
November -	2.02	4.83	2.34	3.76	2.01	3.87	4.90	1.00	2.79	6.37	3.389
December -	2.62	3.34	6.40	4.14	1.83	1.39	6.59	2.94	5.65	4.30	3.920
TOTALS -	38.38	42.84	53.69	43.34	23.53	26.95	44.16	40.58	49.20	38.74	40.141

C C + C C 5 - C C C C C

Camusinas

60

Angle.

J. J. Dalgeish Esq^r

5' Dia

2 in + Ground

11 ft + S.L.

Sound of Anisig - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					6.85	11.50	22.40	6.15	17.30	16.35	
February - -					5.37	6.92	11.80	9.72	20.15	7.55	
March - - -					5.25	7.78	7.20	3.65	17.00	3.60	
April - - - -					4.80	2.18	4.13	13.40	5.17	.30	
May - - - - -					3.70	5.35	3.33	3.67	6.58	.25	
June - - - - -					5.62	2.25	2.42	3.99	7.18	1.48	
July - - - - -					4.82	5.22	5.05	3.98	2.25	1.57	
August - - -					3.48	5.35	10.48	6.40	4.65	1.82	
September - -					9.35	6.08	11.19	9.10	2.05	12.68	
October - - -					5.88	5.28	8.53	14.12	14.95	8.57	
November - -					11.82	10.20	11.93	5.35	8.82	10.95	
December - -					8.68	13.33	16.67	10.77	11.60	10.40	
TOTALS -					75.62	81.66	115.13	90.30	117.70	75.52	

✓ C S R G C C C C

65 Buchan

1869 This G was removed on July 1st to Glenborodale about 3 miles West of Camusinas owing to the temporary removal of the Wood Sorcerer who takes charge of it, he will return to Camusinas shortly, present position 100 yards from the Sea & 10 ft. above H W Ood. tides. Camusinas was always 11 ft. not 40 ft. as erroneously given in former years.

Corran

Loh

Lon

Argyll

+ Ground 4 in

+ Sea Level 14

L. Linthe, R. bank - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		6.00	7.65	13.45	6.30	11.60	15.75	6.10	15.00	8.90	
February - -		7.05	2.60	9.05	6.30	5.80	12.15	11.30	21.50	9.98	
March - - -		9.37	2.25	4.35	5.55	5.80	4.75	1.60	11.53	2.20	
April - - - -		.25	4.35	9.40	5.55	4.30	3.31	11.50	3.83	3.80	
May - - - -		1.65	4.45	5.20	3.70	5.00	2.65	1.20	6.50	.20	
June - - - -		2.50	2.25	8.50	10.40	.95	2.50	4.45	5.75	3.35	
July - - - -		3.50	4.90	.80	6.85	6.60	4.05	4.20	2.40	4.80	
August - - -		10.25	2.70	9.10	5.05	6.25	6.45	6.10	10.50	1.70	
September -		5.90	1.70	9.15	15.30	5.75	10.00	7.55	1.80	12.15	
October - -		3.50	9.30	6.55	5.50	2.30	6.30	12.55	9.05	4.60	
November -	# for 20th	1.70	12.40	2.35	8.95	5.25	5.90	10.55	1.30	5.65	14.55
December -		.50	5.25	10.04	19.55	9.80	7.65	15.90	8.45	10.75	12.15
TOTALS -		67.62	54.54	104.05	85.55	67.90	94.36	76.30	104.26	78.38	

C ✓ C C C C C C C C C

Dordgour House.

Bonow 1 mile from Sea Shore

Alex^r. Maclean Esq. 56.42 N 5.20 W

+ Ground 4 in. - + Sea Level 60 ft
 L. Linde, Rbank - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -											
February - -											
March - - -											
April - - -											
May - - - -				2.30							
June - - - -			2.80								
July - - - -			4.35	2.00							
August - - -			4.40	10.80							
September -			3.65	10.50							
October - -			16.40	6.55							
November -			3.10	12.27							
December -			7.28	19.90							
TOTALS -											

✓ C ✓ C
 1863 at the foot of a hill 2400 ft + S.L. & 8 miles
 from Ben Nevis 4400 + S.L.

RAINFALL AT *Airds House Appin**Argyll**R. Mac Fie Esq^r*

Rain } By

Gauge } Diameter.....*6*.....in.Height above Ground, ft. *2*.. in.Above Mean Sea Level, ...*12*... ft.*L. Linn. L. Linn. - 14.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	4.70	7.10	7.50	10.00	4.80	5.80	9.80	5.80	8.50	6.20	7.020
February	11.00	5.90	2.10	6.10	3.10	11.60	6.90	6.00	10.20	6.70	6.960
March	7.50	8.40	3.00	3.30	4.80	3.10	3.60	1.80	6.50	1.90	4.390
April	9.00	.80	3.70	6.10	3.70	2.30	1.30	8.00	3.60	3.40	4.190
May	6.20	3.00	6.20	3.10	1.80	3.80	1.90	2.60	6.80	.40	3.580
June.....	5.10	3.90	4.40	4.50	4.80	2.00	2.00	1.50	4.00	2.50	3.470 -
July	5.30	4.60	6.30	.50	4.20	4.00	3.40	4.50	1.70	3.30	3.780
August.....	4.50	11.50	3.50	7.60	4.00	5.30	7.00	6.90	7.40	1.90	5.960
September ...	4.60	6.40	3.30	7.10	10.10	3.00	7.70	4.70	1.30	9.00	5.720
October.....	10.20	4.60	10.30	6.50	3.00	3.80	6.10	8.00	5.90	4.40	6.280
November.....	1.60	8.10	3.10	5.80	5.10	4.50	4.90	2.00	3.20	8.00	4.630
December.....	2.00	4.50	9.40	10.60	11.20	6.00	9.60	6.00	8.20	9.10	7.460 +
TOTALS	71.70	68.80	62.80	71.20	60.60	55.20	64.20	57.80	67.30	56.80	63.640

+ c c c c c c c c c c

Droghda Dalmally
Argyllshire

A. M. Longall

+

3 63864

120 66

250 63864

Sea 5 in + Ground 4 ft + Sea Level 200 ft 6
L. Ave - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				22.70	13.10		9.80				
February - -				17.80	8.45		7.00				
March - - -				8.00	10.50						
April - - - -				13.20	3.20						
May - - - - -			7.80	6.75	4.00						
June - - - - -			10.20	8.20	9.75						
July - - - - -			15.70	2.00	8.50						
August - - -			7.00	12.50	4.50						
September -			6.85	20.90	18.00						
October - -			26.75	11.40	7.00						
November -			6.00	15.92	12.75						
December -			24.50	33.18	18.75						
TOTALS -				172.53	118.50						

1863 Feb. 22 to 24. 7.20 in. 2.0 in. 8.0 in. 3.0 in.
of rain in 5 1/2 days. Jan. 21. 8.0 in. to 22 noon. 5.0 in.
Hence we see the probability of rain in the month of 2 or 3 inches.

This must be too big. es. (VII.13)

Bridge of Orchy.

60

Agree.

Arch: M^r Dougall

L. Ave - 6.

+ Ground 3 in.

6 in 65

+ S.L. 500 ft. 7

600 = 65

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					12.42	16.08	21.80	7.40	17.40	16.35	
February - -					10.40	5.85	11.50	14.57	31.20	18.45	
March - - -					6.25	4.50	5.32	4.28	15.00	3.25	
April - - -					4.35	4.44	6.00	10.68	10.20	4.20	
May - - -					2.25	7.18	3.08	4.00	15.50	2.75	
June - - -					8.00	2.82	4.10	4.60	7.75	5.70	
July - - -					8.27	5.00	4.12	4.45	2.40	7.70	
August - -					3.18	7.44	9.12	6.84	13.32	4.20	
September -					17.35	8.75	11.16	8.60	4.05	14.85	
October - -					6.15	6.25	6.80	11.45	15.03	6.50	
November -					9.50	5.84	10.80	2.93	7.77	19.60	
December -					17.88	15.10	15.20	10.20	21.93	16.15	
TOTALS -					106.00	89.25	109.00	90.00	161.53	119.70	

✓ c c c c c c

RAINFALL AT *Melfort & Blair*

60

Argyll.

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

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Firm. of Lome - 7.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January							13.12			0.26	
February							0.73			0.96	
March							5.96			2.75	
April							2.58			4.25	
May							2.51			.72	
June							2.75			3.02	
July							5.70			3.99	
August							7.01			2.57	
September ...							9.20			9.84	
October						#4.83	0.34			5.66	
November ...						6.93	0.02			10.56	
December						8.53	11.12			13.06	
TOTALS.....							85.04			74.44	

C C

C

65 Buchanan

Oban

S. L.

60

Argyll.

Capt E. J. Bedford R N

Mys Ket No-69

G. on level land 10 ft from shore, a bank in S. about 100 ft off.

Diam 6 in + Ground 0 ft 4 in + Sea level 10 ft

Fish of Lome - 7.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.90	7.00	9.45	10.90	5.80	8.20					
February - -	4.60	6.73	2.60	8.70	3.70	4.10					
March - - -	6.20	10.55	3.00	4.20	5.25	3.00					
April - - -	2.65	1.50	4.50	6.00	3.70	2.60					
May - - - -	5.50	3.05	6.00	2.90	2.35	3.95					
June - - - -	5.50	2.90	4.20	4.65	4.70	2.35					
July - - - -	2.15	3.65	6.20	6.60	3.95	3.55					
August - - -	4.40	11.35	4.10	8.45	3.80	6.35					
September -	4.00	6.85	3.65	9.30	11.08	3.70					
October - - -	11.05	5.70	12.85	8.55	3.35	3.75					
November - -	1.05	8.50	3.90	7.90	6.75	5.60					
December - -	1.80	5.20	11.95	10.40	8.00	7.10					
TOTALS -	54.60	71.98	72.40	82.63	62.43	54.25					

Daily

1863. In August owing to the drought of July, the density of the Ocean (off Tince) increased from its mean 1027 to 1030 and in Oban bay to 1031.

Kilmartin
Wm J Russell
Hugh Gillies
Wiggle
Martin 66

+ ground 4.4
+ Sea Level 64 feet
Sound of Jura - 8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		5.20	8.70		3.70		9.10				
February - -		3.00	1.00		2.30		6.00				
March - - -		7.60	.50		3.00		5.00				
April - - -		1.10	2.00		2.50		1.50				
May - - - -		4.00	5.00		2.00		2.00				
June - - - -		3.40	2.70		2.20		3.00				
July - - - -		3.70	3.50		4.00		5.00				
August - - -		12.70	2.50		3.30		6.30				
September -		7.60	1.00		8.40		8.30				
October - - -		5.80	2.70 [*]		2.00		5.80				
November -		6.00	2.40		6.30		6.00				
December -		4.40	9.00		2.00		8.50				
TOTALS -	49.60	63.50	44.00		41.70		66.50				

*1862 * Gauge out of order in October*

Rainfall at *Largie**N. Kilmartin**Angus.*

Diameter of Gauge, in.

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

Above Mean Sea Level, ft.

Sound of Jura - 8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						2.80					
February - -						2.30					
March - - -						1.40					
April - - -						1.40					
May - - - -						2.60					
June - - - -						1.60					
July - - - -						4.00					
August - - -						7.00					
September -						4.00					
October - -						4.50					
November -						5.60					
December -						6.80					
TOTALS -						44.00					

Taken 1st of Month.

Mull of Kintyre.

Lat 55.18.39 Lon 5.48

Argyll

+ Ground

+ Sea Level 279

Kintyre, W - 9.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	9.01	4.11	7.03	5.41	2.27	3.81	2.91	2.94	4.41	4.30	4.620
February - -	1.60	1.82	2.09	.91	3.01	6.50	4.38	2.65	6.51	3.53	3.300
March - - -	2.35	3.35	3.62	3.39	7.66	2.80	4.80	3.82	5.00	.54	3.733
April - - -	2.44	.84	2.95	2.43	3.76	1.28	2.39	7.38	3.84	3.26	3.057
May - - -	5.08	1.49	4.13	3.27	1.62	3.25	.89	2.86	2.50	.69	2.578 -
June - - -	5.14	3.88	3.03	6.04	3.13	1.27	5.08	4.42	1.50	1.69	3.510
July - - -	1.66	3.58	4.37	.54	1.51	3.27	4.83	3.51	2.46	1.55	2.728
August - -	7.12	7.18	4.10	4.19	3.10	7.55	5.31	5.08	6.67	1.44	5.174 +
September -	2.07	4.93	2.33	3.97	4.54	2.18	4.67	3.12	2.87	5.08	3.576
October - -	5.68	3.74	2.56	4.94	2.56	9.38	2.65	4.63	3.89	1.89	4.192
November -	2.84	3.12	3.29	4.61	3.62	8.44	3.68	1.61	2.90	5.02	3.913
December -	4.05	2.44	3.72	3.85	1.72	3.13	5.95	3.98	6.32	2.61	3.777
TOTALS -	49.04	40.48	43.22	43.55	38.50	52.86	47.54	46.00	48.87	31.60	44.166

C C C C C + C C C C C

Dovvar

Lat 55.25.45 Lon 5.32.16

Argyll

+ Ground 3.4

+ Sea Level 75

Kilgore E - 10.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	7.22	5.44	8.26	7.32	3.74	4.74	9.67	4.21	5.08	5.73	6.141	+
February - -	3.03	3.29	1.99	2.41	3.69	4.82	5.39	4.57	5.03	5.89	4.011	
March - - -	5.14	6.50	2.25	2.99	5.45	2.91	2.80	2.26	7.21	2.38	3.989	
April - - -	2.09	.45	3.14	4.09	2.80	1.00	1.37	5.39	2.28	3.33	2.596	
May - - -	4.05	1.63	4.47	4.01	1.87	3.55	1.89	2.16	3.80	.47	2.790	
June - - -	3.67	2.91	3.16	4.17	2.65	1.52	2.46	2.67	.76	1.26	2.521	-
July - - -	1.60	4.05	6.30	.41	1.18	2.41	2.86	3.68	.93	2.50	2.592	
August - -	5.32	7.99	2.43	5.08	2.83	5.44	5.86	2.65	5.50	1.42	4.452	
September -	2.52	5.88	1.89	5.71	4.46	1.13	6.48	3.53	2.13	6.47	4.020	
October - -	6.04	3.09	9.70	4.17	1.60	5.16	1.79	6.68	8.31	3.26	4.980	
November -	2.74	5.10	3.35	5.76	4.62	4.92	5.08	2.52	4.02	8.10	4.621	
December -	2.32	4.24	5.60	5.01	3.64	3.01	6.02	4.53	5.26	6.36	4.599	
TOTALS -	45.74	50.57	52.54	51.13	38.53	40.61	51.67	44.85	50.31	47.17	47.312	

1869 Max = 1.84 D.S. 11th

RAINFALL AT *Skipness Castle*
Argyllshire

Observer *Mrs J R Graham*

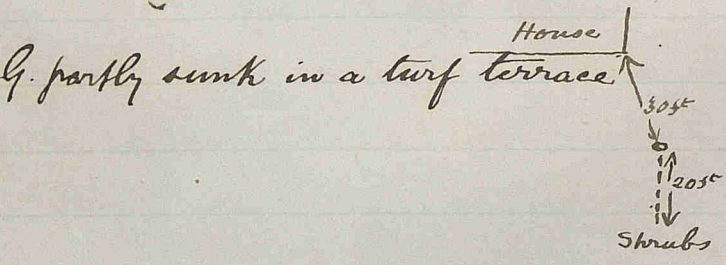
Rain { By.....
Gauge { Diameter..... *6*.....in.

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

Above Mean Sea Level.....ft. *12*

Kintyre E. 10.

YEAR.....										<i>1869</i>	MEANS.
January.....										<i># 3.20</i>	
February										<i>4.20</i>	
March										<i>.20</i>	
April.....										<i>.90</i>	
May										<i>1.20</i>	
June.....										<i>.20</i>	
July										<i>.50</i>	
August.....										<i>2.10</i>	
September.....										<i>4.10</i>	
October										<i>3.10</i>	
November.....										<i>6.30</i>	
December.....										<i>6.40</i>	
TOTALS										<i>32.40</i>	



Stonfield
Argyllshire

Colin G Campbell

Sia 3 in + Ground 14 3 in + Sea Level 90 ft
L. Type - 11.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.00	2.00	8.80	9.40	5.60	8.70	13.40	7.40	15.78	8.20	
February - -	5.80	2.50	1.40	7.60	4.30	4.50	8.60	8.20	12.30	9.20	
March - - -	4.80	11.30	5.20	4.50	6.20	4.45	5.00	2.10	11.10	2.27	
April - - - -	2.60	.50	4.30	6.10	3.00	1.55	2.68	10.30	5.00	2.70	
May - - - - -	1.70	2.20	5.30	4.60	2.20	4.40	2.50	3.52	4.40	7.60	
June - - - - -	3.10	1.80	4.40	4.80	3.70	1.50	3.45	2.22	2.20	2.10	
July - - - - -	2.00	4.20	5.90	.30	4.00	3.76	4.20	3.80	2.20	4.45	
August - - - -	6.00	12.70	3.80	6.20	3.70	7.45	9.00	4.22	8.90	4.90	
September - -	2.50	6.80	3.20	9.60	7.80	2.00	9.20	7.15	1.00	9.90	
October - - - -	9.40	7.10	13.60	7.40	2.80	5.50	6.30	11.94	11.50		
November - - -	3.00	9.10	5.30	7.10	7.60	6.10	8.30	3.30	9.00		
December - - -	2.30	4.90	12.50	12.80	5.30	5.00	13.38	8.40	11.30		
TOTALS -	51.20	65.10	73.70	80.40	56.20	55.79	86.01	72.53	94.68	(60.60)	(69.623)

1868 - An exceptionally wet year, although June July & Sept were fine.
1869 Family in France during the latter part of the year

Otter House

Argyll.

55° 56' 51" N 5° 19' 37" W

Dr Rankin

Maj. Robt. No 66

dipping 200 ft. in g. clear of walls, trees & bushes.

130 63 664-5

Dean 3 + ground birches + Sea Level 115 feet
Loch Fyne - 11.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.75	6.05	8.89	8.67	4.34	6.49	10.89	5.03			
February - -	3.40	3.42	2.31	4.29	5.54	4.54	7.41	5.50			
March - - -	4.20	7.66	2.56	4.32	6.47	2.62	4.43	2.00			
April - - -	2.35	.51	3.87	4.81	3.39	1.59	2.30	7.12			
May - - - -	4.28	1.99	7.05	3.51	1.75	3.86	1.66	1.67			
June - - - -	4.10	4.23	4.32	4.88	3.99	1.54	3.14	3.04			
July - - - -	1.21	3.61	6.14	.47	4.71	3.74	3.38	3.43			
August - - -	6.50	9.50	3.44	6.00	4.73	5.96	6.89	5.06			
September -	2.26	8.61	2.10	6.80	7.79	1.35		5.57			
October - - -	7.10	6.74	10.16	6.51	2.45	5.91		10.97			
November - -	2.63	6.50	5.52	5.14	7.30	4.31					
December - -	3.98	5.02	8.10	8.46	3.68	5.93					
TOTALS -	47.76	63.84	64.46	63.86	56.14	47.84					

✓ C S C C S C C

1861 Sep 28 1.95
1862 May 31 1.39
1863 Aug 15 1.66
1864 Aug 31 1.59
1865 Aug 28 1.75

1863 I have 3 gages 1 of 6 in & 2 of 3 in all on the same elevation 1 of the 3 in ones is read daily the others monthly

Kilmory

Loch Gilphhead.

Argyll.

Sir J P Bode Bart

G. in centre of large L. Croppley's Gauge

10 in 1/2 + ground 4.6 in
L. Tyne - 11. 4.0 65

+ Sea Level 100 ft?

200 = 64

104

80 or 90 = 65

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.96	3.82	6.19	6.17	3.12	6.01	8.84	5.08	8.02	4.02	5.923
February - -	4.35	3.97	1.88	3.47	2.03	3.25	6.66	4.14	7.76	5.05	4.456
March - - -	6.87	7.19	2.54	1.60	3.60	1.75	3.18	1.65	6.88	1.40	3.666
April - - -	2.56	.36	4.18	4.05	2.52	1.15	1.25	7.39	3.87	1.16	2.849
May - - - -	4.09	2.24	4.93	2.09	2.15	3.60	1.55	2.68	3.90	.19	2.742
June - - - -	3.94	2.40	4.47	3.06	3.56	1.46	2.35	2.15	2.29	2.63	2.831
July - - - -	2.83	4.58	5.69	.38	4.68	3.44	2.18	3.45	1.20	2.06	3.049
August - - -	6.94	10.87	2.77	5.84	3.71	5.03	5.25	3.28	5.00	.79	4.948
September -	1.81	0.11	3.04	7.77	7.14	1.85	7.48	4.42	.59	3.68	4.589
October - -	7.71	5.25	9.98	2.94	3.23	3.79	4.76	7.53	3.67	1.45	5.031
November -	2.54	6.62	3.98	2.77	5.52	4.78	5.97	1.78	2.97	6.92	4.385
December -	2.12	3.88	7.31	6.90	3.53	5.30	9.31	5.28	3.23	2.19	4.905
TOTALS -	53.72	59.29	56.96	47.04	44.79	41.41	58.78	50.83	49.38	31.54	49.374

1863 } The accuracy of the gauge doubted
1865 }

1867 believed to be out of order

Kilmory House
w. Lochgilphead

Argyle.

Sir J. P. Ode. G. sunk in grass plot in large g. 20ft from the old Crossley

Thom's Gauge

200 = 64

Thom's G. 6. + Ground 0. 4 in + Sea Level 100.
L. Fyne - 11.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				9.60	5.20	7.00	10.90	6.50	11.50	7.60	
February - -				6.30	3.10	8.10	8.20	7.60	9.50	7.30	
March - - -			3.00	3.50	5.20	3.50	4.30	2.10	8.50	1.90	
April - - - -			4.90	5.50	3.00	1.70	2.50	9.10	4.50	2.10	
May - - - -			5.70	4.40	2.10	4.20	1.80	3.10	4.50	.60	
June - - - -			5.10	4.00	3.80	1.50	3.10	2.80	2.60	3.10	
July - - - -			6.40	.30	5.20	4.10	3.40	4.10	1.40	3.50	
August - - -			3.00	6.50	3.60	6.00	6.40	4.30	7.80	1.30	
September -			3.30	10.00	8.00	2.00	8.60	5.50	1.50	8.70	
October - -			11.50	7.10	3.60	4.50	5.80	9.60	9.10	3.40	
November -			4.70	6.60	6.50	5.90	7.10	3.70	6.70	9.30	
December -			10.00	11.70	4.20	6.70	11.30	6.80	7.60	8.40	
TOTALS -				75.50	53.50	55.20	73.40	65.20	75.20	57.20	

✓ c ✓ c ✓ c c c c c c

Inverary Castle, Argyll

60

Mr. John Gaie

Die 4 in

+ ground 0.0

+ s l 30 ft

P. Tyne - 11.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.20	7.10	7.00	15.00	6.00	1.50	12.00	8.00	10.00	7.00	7.980
February - -	6.00	5.20	2.20	8.00	4.00	2.00	6.00	8.00	14.00	9.00	6.440
March - - -	7.10	3.30	1.00	4.00	3.00	3.00	4.00	3.00	8.00	3.00	3.940
April - - - -	5.20	3.10	5.00	8.00	4.00	2.50	3.00	9.00	4.00	2.00	4.580
May - - - - -	6.00	5.20	4.00	3.00	1.50	3.00	1.00	1.00	6.00	1.00	3.170
June - - - - -	2.20	1.00	5.10	4.00	3.00	1.50	3.00	4.00	4.00	4.00	3.180
July - - - - -	6.30	6.30	6.00	2.00	4.00	3.00	3.00	3.00	1.00	4.00	3.680
August - - -	3.10	16.00	3.10	5.00	3.50	6.00	8.00	6.00	8.00	1.50	6.020
September -	7.00	6.20	3.00	9.00	4.50	2.00	10.00	5.00	2.00	12.00	6.070
October - - -	12.20	6.10	10.00	6.00	4.00	5.00	5.00	10.00	9.00	6.00	7.330
November -	2.10	12.00	4.50	8.00	6.00	3.00	8.00	3.00	6.00	6.50	5.910
December -	3.00	7.10	13.00	17.00	4.00	7.60	14.00	8.00	9.00	8.00	9.070 +
TOTALS -	66.40	78.60	63.90	87.20	47.50	40.10	77.00	68.00	81.00	64.00	67.370

1868 The past season here contrasts favorably with many other places for when they were suffering from dry weather we had moisture sufficient to keep vegetation healthy and no more dry weather than sufficient to get the crops gathered.

1869 In Feb the temp was so high that the fields were covered with plenty of green crops, but from that time till the middle of June it continued very cold so much so that on the 10th 11th & 12th of June the thermometer stood at from 5° to 6° of frost.

RAINFALL AT Cairndore No. 11

A. M. Douglass

Lock Tyne

Angell.

Rain { By Shower gauge

Gauge { Diameter 3 in.

Height above Ground, ft. 5 in.

Above Mean Sea Level, 30 ft.

No. 11.

YEAR.....							1866	1867	1868	1869	MEANS.
January							17.99	5.56	17.98	15.13	
February							10.96	9.81	13.39	10.38	
March							7.77	3.49	14.87	2.73	
April							5.45	12.59	6.38	3.34	
May							2.82	3.82	7.35	.70	
June.....							3.62	4.67	5.63	3.57	
July							4.31	5.00	1.59	5.86	
August.....							8.96	6.28	10.43	2.50	
September ...							11.23	8.27	3.98	12.12	
October.....							7.40	10.22	12.54	5.74	
November.....							7.68	3.70	5.77	12.25	
December.....							15.41	7.31	14.80	14.78	
TOTALS							103.60	80.72	114.71	89.10	

C C C C

RAINFALL AT Carndonagh No. II

60

Argyll.

A. M. Douglas

Rain { By Hydrometer

Gauge { Diameter 0 in.

Height above Ground, ft. 5 in.

Above Mean Sea Level, 30 ft.

S. Tyne - 11.

YEAR.....							1866	1867	1868	1869	MEANS.
January							16.55	5.35	17.88	14.43	
February							10.95	9.66	13.26	10.34	
March							7.60	3.49	14.70	2.58	
April							5.35	12.41	6.30	3.23	
May							2.67	3.80	7.14	1.67	
June							3.32	4.47	5.48	3.49	
July							4.23	4.82	1.47	5.78	
August							8.65	6.17	10.14	2.44	
September ...							10.72	8.21	3.88	11.78	
October							7.25	10.15	12.36	5.62	
November							7.59	3.52	5.61	11.92	
December							14.73	7.27	14.64	14.35	
TOTALS							99.61	79.32	112.86	86.63	

C C C C

RAINFALL AT Cairn d'ow III III

Argyll.

Rain { By Elliot's

Gauge { Diameter... 4 3 4 in.

Height above Ground, ft. in.

Above Mean Sea Level, 30 [?] ft.

L. Tyne - 11.

YEAR.....							1866	1867	1868	1869	MEANS.
January							6.12				
February							10.84				
March							7.50				
April							5.33				
May							2.61				
June.....							3.19				
July							3.72				
August							8.62				
September ...							10.37				
October.....							0				
November.....											
December.....											
TOTALS											

C

RAINFALL AT *Head of Loch Fyne*

Glen Fyne

Argyll

No *II*

Argyll

60

Rain { By *Hanning*
5.2 6.8

Gauge { Diameter *3* in.

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

Above Mean Sea Level, *5* ft.

L. Fyne - 11.

YEAR.....						1866	1867	1868	1869	MEANS.
January						<i>#</i> 23.45		16.30	10.50	
February						15.00		18.20	8.75	
March						11.00		14.40	2.15	
April						7.84		7.40	4.35	
May						2.36	4.60	7.30	7.5	
June.....						3.45	5.30	5.90	3.15	
July						5.55	4.50	2.15	5.35	
August.....						11.50	6.50	11.35	1.25	
September ...						13.90	8.30	3.50	12.70	
October.....						8.70	9.0	11.50	6.30	
November.....						9.15	11.50	6.50	11.50	
December						16.70	11.00	15.90	11.50	
TOTALS						128.60		120.40	78.25	

C C C C

RAINFALL AT *Head of Loch Fyne* No ~~III~~ II
Argyll

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

L. Fyne - II.

YEAR.....							1866	1867	1868	1869	MEANS.
January						#	17.40				
February							11.95				
March							9.00				
April							6.90				
May						*					
June.....											
July											
August											
September ...											
October.....											
November.....											
December.....											
TOTALS											

C

Castle Toward

6 Angell.

Mr David Bell Macintosh & Macne 66

60/67

Wm Macne

9. 84 ft to the left front of the castle, low shrubs in E 40 ft off, quite open to SE & NW

Dia 2 in

+ ground 4 ft

+ s l 80 ft?

Firth of Clyde, etc - 12.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.68	6.64	7.06	8.18	4.09	5.30	10.26	5.52	9.31	6.24	6.908 +
February - -	3.83	4.81	2.54	3.43	3.56	4.29	5.88	5.91	6.03	5.66	4.594
March - - -	5.21	7.84	3.48	3.16	5.10	2.76	3.82	1.93	6.57	1.28	4.115
April - - -	1.74	.58	4.83	4.47	2.23	1.23	1.80	7.22	3.52	2.03	2.965 -
May - - -	3.66	2.05	5.36	3.66	1.72	3.89 ^x	2.04	4.36	3.99	.49	3.122
June - - -	4.61	3.61	4.21	4.04	3.01	1.43	2.42	2.64	1.55	2.71	3.023
July - - -	1.68	4.19	5.78	.41	3.22	3.56	3.69	3.66	1.35	4.01	3.155
August - -	5.62	12.21	4.20	5.79	2.76	7.20	8.34	4.23	6.69	1.18	5.822
September -	2.83	6.60	2.84	7.28	6.80	1.34	7.30	5.52	2.34	7.73	5.058
October - -	6.65	5.69	9.60	5.01	3.39	4.16	3.83	7.89	5.37	2.03	5.362
November -	2.98	6.74	3.36	4.16	6.61	4.01	5.84	1.33	4.08	6.08	4.519
December -	2.69	4.38	8.21	7.67	4.36	4.72	8.63	4.82	7.47	6.16	5.911
TOTALS -	47.18	65.34	62.27	57.26	46.85	43.89	63.85	55.03	58.27	45.60	54.554

C + C C C C C C C C
 x May - 65 funnel blown off so file not to be depended upon

Hypd Sta No. 77- 666925

NGR: NS (26) 115681

alt. 36 m

Napton Dunoon

Argylls.

David Dalg Binnell

ground slopes so that the gauge is highest.

G. in centre of g. 90 ft from any tree and only there in N. Greenhouse 20 ft to E. but the

+ Ground 4 ft

+ Sea Level 40 feet

Firth of Clyde, etc. 12.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.61	9.67	10.59	15.09	7.15	8.00					
February - -	6.99	6.43	2.63	8.50	6.02	5.40					
March - - -	8.18	11.96	4.21	4.07	8.19	3.66					
April - - - -	2.50	.39	7.21	8.07	3.00	1.68					
May - - - - -	4.17	1.79	6.46	4.37	2.09	4.22					
June - - - - -	5.18	3.87	5.51	4.94	5.14	1.84					
July - - - - -	2.96	3.32	9.23	7.1	4.86	3.35					
August - - -	5.94	15.06	4.52	5.91	3.28	0.00					
September -	4.04	6.93	4.24	10.66	9.14	2.06					
October - -	10.56	7.65	16.50	7.36	3.10	5.54					
November -	2.23	8.93	5.77	7.35	8.81	4.82					
December -	2.47	6.14	14.45	12.61	7.73	7.85					
TOTALS -	61.83	82.14	91.32	89.64	68.51	56.42					

1864 - Nov 29th 2.65 between 6 p.m. and 6 a.m.

Upper
Rainfall at Glen Croe Upper - Dist. Str. Highland
Anglo.
Arch^d M^r Dougall Esq^r

Diameter of Gauge, 3 in. Height above Ground, ft. 6 .. in. Above Mean Sea Level, ft. ⁵²⁰
400

Firth of Clyde, etc - 12.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -						12.80	24.00	9.40	28.35	17.00	
February - -						8.36	15.00	16.76	21.40	19.15	
March - - -						5.50	9.70	5.14	16.25	4.40	
April - - -						4.52	8.00	17.22	10.85	4.52	
May - - - -						7.60	3.56	5.10	8.64	1.40	
June - - - -					# 10.60	3.36	5.34	8.90	7.84	4.75	
July - - - -						7.90	8.44	6.03	6.90	3.72	7.30
August - - -						4.20	10.78	13.05	7.25	12.95	2.20
September -						15.60	6.44	15.15	13.20	5.50	18.03
October - -							9.90	11.32	18.00	16.40	8.15
November -							9.30	12.00	7.00	12.35	14.32
December -							17.70	21.55	9.43	22.35	20.28
TOTALS -						104.70	144.70	124.30	166.60	121.50	

C C C C C C

1868 Jan 31st 6.30 in 24 hours

Remains of Islay, Orsay Lighthouse
Lat 55.40.20 Lon. 6.30.46
Argyll

+ Ground 3.6 + Sea Level 77

Insular - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1865	MEANS.
January - -	3.57	2.25	.64	4.41	1.64	3.83	5.22	3.18	3.61	2.49	3.084
February - -	1.55	1.44	1.29	2.45	1.86	4.32	3.94	2.92	3.67	3.33	2.677
March - - -	3.39	3.76	2.63	2.10	2.82	2.35	2.10	1.11	4.26	1.10	2.562
April - - -	1.95	.36	1.92	2.06	1.35	1.27	.95	3.93	1.56	2.20	1.755 -
May - - -	2.36	1.21	4.14	2.36	.76	2.41	1.39	2.15	2.59	.71	2.008
June - - -	2.12	1.80	2.20	2.98	2.19	.70	1.67	1.86	1.22	1.58	1.832
July - - -	.92	3.05	3.37	.17	2.47	2.26	2.29	2.86	.51	2.27	2.017
August - -	5.51	5.20	2.06	3.27	2.34	4.65	3.55	3.18	4.62	1.16	3.554
September -	1.89	5.05	1.35	4.73	4.23	.89	4.21	1.42	2.40	4.74	3.091
October - -	4.01	2.85	6.11	3.75	2.36	4.53	2.91	5.31	3.98	2.19	3.806 +
November -	1.19	5.52	3.45	3.34	3.13	4.99	5.38	1.12	4.05	5.20	3.737
December -	2.05	1.85	5.31	3.49	2.02	2.09	5.10	2.74	4.19	4.27	3.311
TOTALS -	30.51	34.34	34.47	35.11	27.17	34.35	38.71	31.78	36.66	31.24	33.434

MET. O.S. RAINMASTER
 RETROSPECTIVE SITE REVIEW

677985

NGR: NR(16) 164514

ALT: 74 ft = 23 metres. Date of review: 9-1-1979

Northurhead Islay
Lat 55.45.50 Lon 6.2.50
Argyll

+ Ground 3 in

+ Sea Level

106

Inular - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			9.8	7.70	5.10	7.30	12.50	5.80	8.20	6.40	
February - -			3.9	4.80	4.00	5.20	8.70	7.90	11.00	6.90	
March - - -			3.7	4.50	6.40	5.00	4.00	1.90	10.00	2.10	
April - - - -			4.5	4.20	5.00	2.00	2.50	9.20	4.20	3.30	
May - - - -			6.3	4.50	2.50	3.70	2.10	3.60	5.60	1.00	
June - - - -			4.2	5.70	2.80	.70	2.60	3.50	2.50	1.60	
July - - - -			7.8	.50	3.20	3.50	5.70	4.30	1.50	3.20	
August - - -			2.6	5.60	5.30	6.50	9.20	5.30	8.10	1.80	
September -		#	2.4	9.40	8.70	1.70	9.90	4.80	2.50	11.60	
October - -		.62	9.3	7.10	3.40	6.70	4.40	11.40	9.20	4.20	
November -		.44	5.5	9.70	8.00	6.30	8.00	2.60	6.20	9.80	
December -		.91	9.60	9.70	6.00	5.80	11.00	7.20	8.00	9.70	
TOTALS -		.44	69.60	73.40	60.40	54.40	80.60	67.50	77.00	61.60	

c c c x c c c c c c

RAINFALL AT *Callabus Island*

Lat 55° 47' Lon 6° 15'

Argyll.

No Bellingal

Rain { By
Gauge { Diameter *3* in.

Height above Ground, ft. *1* in.

Above Mean Sea Level, *70* ft.

56 68

69

Inular - 14.

YEAR.....							1866	1867	1868	1869	MEANS.
January							9.30	4.41	5.60	4.37.	
February							7.70	4.90	4.85	5.17.	
March							3.50	2.65	5.80	2.27.	
April							1.70	5.96	2.99	2.67.	
May .....							.81	2.73	3.54	1.30.	
June.....							2.70	2.06	1.37	2.37.	
July							4.77	2.40	1.20	2.99.	
August							6.13	3.47	0.17	1.72.	
September ...							7.45	3.51	2.10	6.91.	
October.....							4.60	7.89	6.67	3.61.	
November.....							7.10	2.23	5.82	7.81.	
December.....							7.90	4.70	7.01	6.77.	
TOTALS							63.66	46.91	55.12	47.96	

Register begins many years before 1866 but not reliable
"R. B."

Rhu Vaal Islay

Lat 55.56.6 Lon 6.7.30

Argyll

+ Ground 3 in + Sea Level 54

Insular - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.50	2.60	1.40	1.01	2.40	7.80	.80	4.00	1.10	1.00	
February - -	2.00	2.00	.43	.59	2.50	3.60	.30	1.80	1.47	.96	
March - - -	3.10	3.70	.32	.46	6.80	2.15	No returns	4.40	1.18	.25	
April - - -	.90	.00	.39	.51	3.45	1.30		6.90	.48	.57	
May - - -	2.70	1.00	1.10	1.05	1.05	.80		.90	.90	.19	
June - - -	2.50	1.60	.54	.80	2.35	.21	.18	3.50	.33	.42	
July - - -	1.10	.97	1.32	—	3.35	.16	.29	—	.15	.55	
August - -	4.10	2.18	.84	4.35	4.75	.18	.43	2.20	1.16	.24	
September -	1.80	.62	.53	6.90	9.47	.10	1.08	6.20	.34	.96	
October - -	4.90	.45	1.20	5.00	4.35	.50	.50	8.60	.79	.86	
November -	.90	1.69	.79	8.95	7.35	.40	.40	3.50	.79	1.12	
December -	.70	.79	1.13	9.35	5.45	.10	1.05	7.60	1.38	.83	
TOTALS -	28.20	17.60	9.99		53.27	20.35			10.07	7.95	

1865 - some confusion

1868 ? should it be 100.70

1869 sound of Mull = 78.20 so think this must
be 79.50 with 7.95

Rainfall at *Sherwillie Shore Station**Lowlandmans bay, Jura**Argyll.*

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Inches - 14.

YEAR - -	1866	1867	1868	1869	MEANS.
January - -	<i># 9.92</i>	<i>4.76</i>	<i>8.46</i>	<i>5.31</i>	
February - -	<i>5.49</i>	<i>5.11</i>	<i>8.64</i>	<i>6.13</i>	
March - - -	<i>3.65</i>	<i>1.90</i>	<i>7.38</i>	<i>.50</i>	
April - - -	<i>1.82</i>	<i>7.39</i>	<i>2.95</i>	<i>2.11</i>	
May - - -	<i>1.44</i>	<i>2.84</i>	<i>3.97</i>	<i>.09</i>	
June - - -	<i>2.15</i>	<i>3.00</i>	<i>1.52</i>	<i>2.67</i>	
July - - -	<i>4.13</i>	<i>3.04</i>	<i>1.36</i>	<i>2.11</i>	
August - - -	<i>6.00</i>	<i>3.54</i>	<i>6.95</i>	<i>.90</i>	
September -	<i>7.87</i>	<i>4.09</i>	<i>1.47</i>	<i>7.95</i>	
October - -	<i>3.68</i>	<i>8.69</i>	<i>6.55</i>	<i>3.94</i>	
November -	<i>4.45</i>	<i>2.15</i>	<i>4.50</i>	<i>8.91</i>	
December -	<i>8.90</i>	<i>6.67</i>	<i>5.51</i>	<i>7.65</i>	
TOTALS -	<i>59.50</i>	<i>53.18</i>	<i>59.26</i>	<i>49.07</i>	

1868 only one fair day in Feb the 8th

Fladda

Lat 56.14.48 Lon 5.40.51

Argyll

+ Ground 6 in + Sea Level

20

Insular - 114.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.82	1.37	8.20	4.80	5.80	1.150	7.30	1.92	2.19	
February - -		1.27	.47	6.10	3.90	4.50	.64	7.90	2.62	2.22	
March - - -		2.19	.44	7.10	5.80	5.30	.75	1.90	2.14	.35	
April - - - -		.11	.60	5.40	5.00	3.80	.24	11.00	.66	1.04	
May - - - -		1.47	.52	3.70	2.30	4.60	.29	3.00	2.30	.16	
June - - - -		1.70	.54	3.80	5.50	3.20	.48	4.30	1.40	1.67	
July - - - -		1.15	.71	.10	3.10	5.10	.51	3.30	.40	1.36	
August - - -		2.40	.56	7.60	6.20	8.90	.89	25.50	2.78	.70	
September -		1.20	.41	8.10	8.60	2.60	.99	11.50	.49	1.96	
October - -	#	.63	1.14	5.70	2.70	7.40	.69	15.80	3.54	1.22	
November -	From 20th	.15	1.30	.38	6.60	8.10	8.9	6.70	1.87	2.17	
December -		.61	.66	.95	7.80	6.30	8.80	1.06	9.10	2.83	2.04
TOTALS -		15.90	8.09	70.20	62.30	68.20	8.580	107.30	22.95	17.08	

C C ✓ C C C C C C C

Island of Coesdale Orkneyshire S L

Mr Jas Whyte (Slate Works) Map Ref No 39

Drain 3 in + Ground ^{3.61} 6 in + Sea Level 25 feet
 Insular -14.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	4.90	5.90	8.80								
February - -	5.10	3.40	2.60								
March - - -	5.70	8.30	2.90								
April - - -	2.50	.50	2.50								
May - - - -	4.70	2.90	4.50								
June - - - -	4.40	3.30	3.30								
July - - - -	1.80	1.30	5.10								
August - - -	3.10	8.90	3.50								
September -	3.00	5.80	2.10								
October - -	9.30	4.80	10.40								
November -	1.60	7.90	3.40								
December -	1.80	2.50	8.70	#							
TOTALS -	47.90	55.50	57.80								

✓ ✓ ✓

S. W. Whyte

Lismore

Lat 56.27.19 Lon 5.36.22

Dorset

+ Ground 3.4

+ Sea Level

37

Inular - 114.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.21	3.96	5.42	6.42	3.88	4.91	7.88	4.86	4.82	2.78	4.914
February - -	3.21	4.06	1.79	4.81	3.12	2.90	5.13	5.01	7.63	4.51	4.217
March - - -	5.54	6.42	2.31	2.62	3.89	3.18	2.80	.85	3.39	1.19	3.219
April - - -	2.08	.26	3.64	4.39	3.06	2.02	1.72	6.06	2.72	1.94	2.789
May - - - -	5.00	1.91	4.76	2.14	2.98	3.10	1.69	2.97	5.16	.20	2.991
June - - - -	4.15	2.47	3.10	3.97	4.33	1.70	1.45	2.33	2.09	1.61	2.720
July - - - -	1.53	2.40	4.75	.63	3.83	3.52	3.10	3.90	.99	2.53	2.718 -
August - - -	4.65	7.38	2.89	6.26	3.15	4.32	6.41	5.19	5.60	1.03	4.688
September -	2.36	3.49	2.59	5.42	10.21	1.84	8.31	3.42	1.88	3.34	4.286
October - -	6.68	4.16	8.60	4.97	3.63	3.10	4.13	7.14	4.11	2.89	4.941
November -	.94	5.28	1.89	4.53	4.71	4.11	4.53	1.21	2.33	5.03	3.456
December -	1.23	3.58	6.65	7.96	5.33	5.41	6.68	3.44	5.26	7.22	5.276 +
TOTALS -	41.58	45.37	48.39	54.12	52.12	40.11	53.83	46.38	45.98	34.27	46215

c c c f c c c c c

RAINFALL AT *Bunnessan, Mull* *Argyleshire*

60

W. McLean Esq Inland Revenue

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

Height above Ground, *4*. ft. in. Above Mean Sea Level, ...*30*... ft.

Insular - 14.

YEAR....						1865	1866	1867	1868	1869	MEANS.
January							0.14	5.55			
February						# from 4.42	5.72	4.04			
March						3.69	4.52				
April						1.87	1.58				
May						3.92	1.11				
June						1.53	2.10				
July						3.93	3.01				
August						4.93	6.47				
September ...						2.23	6.74				
October						5.71	5.74				
November ...						6.99	6.31				
December.....						5.00	7.49				
TOTALS.....							58.93				

C C C

RAINFALL AT *Andfenauz*

60

Mull

Angell.

Wm Murray

Rain (By.....)

Gauge (Diameter.....*4 1/2*.....in.

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

Above Mean Sea Level, *20*..... ft.

Inular - 14.

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i>* 12.30</i>	<i>8.30</i>	<i>7.48</i>		
February							<i>8.20</i>	<i>7.80</i>	<i>8.12</i>		
March							<i>6.60</i>	<i>3.20</i>	<i>6.01</i>		
April							<i>2.70</i>	<i>12.30</i>	<i>3.02</i>		
May							<i>2.10</i>	<i>4.10</i>	<i>3.30</i>		
June							<i>3.30</i>	<i>3.08</i>	<i>1.95</i>		
July							<i>5.10</i>	<i>3.15</i>	<i>1.54</i>		
August							<i>6.70</i>	<i>3.28</i>	<i>8.86</i>		
September ...							<i>8.60</i>	<i>5.39</i>	<i>1.14</i>		
October							<i>9.90</i>	<i>8.04</i>	<i>5.26</i>		
November							<i>12.60</i>	<i>1.96</i>	<i>4.06</i>		
December							<i>14.10</i>	<i>3.91</i>	<i>4.01</i>		
TOTALS							<i>92.20</i>	<i>64.51</i>	<i>54.75</i>		

1866 - Gauge said to be very inaccurate

C C C

Torosay Castle Mull

Oban

Argyll.

Jas Pettigrew

Diam bin. + ground 1 foot + Sea level 18 feet
 Insular - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.00	9.60	12.60	14.60	8.80	9.00					
February - -	9.20	9.80	3.30	12.60	6.00	5.30					
March - - -	9.80	13.80	4.40	5.40	7.70	4.40					
April - - -	3.60	.40	7.00	9.20	4.30	2.60					
May - - -	7.70	2.90	7.00	4.00	2.40	5.25					
June - - -	5.60	4.40	5.50	6.00	6.60	3.40					
July - - -	2.30	4.80	8.60	.20	5.40	4.80					
August - -	5.10	14.30	5.10	9.80	6.60	6.00					
September -	4.70	10.20	4.20	12.20	14.00	4.00					
October - -	13.80	7.10	16.40	8.40	4.70	4.50					
November -	1.80	10.80	4.70	11.50	7.80	4.00					
December -	2.10	7.90	15.20	17.10	13.80						
TOTALS -	69.70	96.00	94.00	111.00	88.10						

1864 - Dec 31st - a very stormy wet & snowy day.

RAINFALL AT *Duart, Mull*

Mull

60

Argyll.

A. J. Archer } = A. Fletcher

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

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

Above Mean Sea Level, ft.

Inular - 14.

YEAR								1867	1868	1869	MEANS.
January								6.60	16.35		
February								9.54	14.90		
March								2.45	11.35		
April								12.22	5.44		
May								3.31	3.73		
June								2.80	5.65		
July								4.29	2.15		
August								7.73	11.36		
September ...								6.34	2.14		
October								13.17	10.32		
November ...							#	3.03	7.47		
December								6.48	13.33		
TOTALS.....								77.96	104.19		

C C

1868 I intend to leave Duart in May next

Sherriff
Robertson

Cray
w. Tobermory

Argyll.

abt 200

+ Ground 1st 3rd

+ Sea Level 260 ft

Inches - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			9.90	9.10	7.50	8.00					
February - -			3.15	8.80	3.30	3.60					
March - - -			3.30	3.80	5.00	4.30					
April - - - -			4.10	6.85	3.30	2.20					
May - - - -			4.00	4.40	2.70						
June - - - -			6.20	3.30	5.70						
July - - - -			7.80	1.00	3.00						
August - - -			3.90	10.00	4.80						
September -			4.15	10.50	8.40						
October - -			13.00	6.30	4.80						
November -			5.00	8.80	7.30						
December -			11.50	14.80	6.50						
TOTALS -			76.00	87.65	62.30						

N C E C

1864 Dec 31st 9 a.m. violent E, hail & snow

Mr. Robertson died May 7th 1865

RAINFALL AT *Glenasmole w. Ioburnory*
Iole of Mull (sometimes called *Sorne*)
Argyll.

Observer *A. J. Rossy*

Rain { By

Gauge { Diameter *4* in.

Height above Ground, ft. *9* in.

Above Mean Sea Level *200* ft.

Inula - 14.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.00	4.20	9.50	6.70			11.20	4.20	9.00	7.00	
February	4.20	5.00	2.10	5.30			7.00	5.00	11.10	6.00	
March	5.30	7.00	3.40	2.50			3.90	2.00	7.20	2.00	
April.....	0.00	.10	2.70	3.50			1.60	6.80	3.40	3.10	
May	3.90	3.50	3.50	2.80			1.50	2.10	4.20	11.00	
June.....	3.10	2.30	3.80	2.60			2.10	2.70	2.10	.50	
July	2.00	4.50	4.40	.70			3.90	3.60	1.10	2.00	
August.....	5.20	6.50	3.30	6.90			5.40	4.80	7.20	.50	
September.....	3.80	8.10	4.00	5.00			9.10	5.00	.80	9.50	
October	6.50	4.20	7.90	3.70			7.10	9.10	8.00	3.40	
November.....	.00	7.00	3.50	6.00			6.70	2.50	4.10	6.60	
December.....	1.40	4.00	6.40	6.60			10.60	4.90	8.10	8.00	
TOTALS	40.40	56.40	54.50	52.30			70.10	52.70	66.30	48.60	

In open space on turf

Some years since less rain was proved to have fallen at Glenasmole than at Ioburnory 5 1/2 miles distant - or in the South of the Island where the hills are higher

Sound of Mull
Lat 56.38 Lon 6.4
Argyll

+ ground bin + Sea level 12

Inches - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.70	4.90	10.20	9.90	6.40	8.00	12.40	4.70	12.20	16.70	8.510
February - -	7.90	8.20	2.70	8.30	4.40	3.60	8.10	7.30	16.10	8.80	7.540
March - - -	5.40	9.80	2.90	3.40	5.20	4.30	4.60	.21	11.20	2.10	4.911
April - - -	1.90	.30	4.20	6.20	4.70	2.20	1.40	9.20	3.60	3.90	3.760
May - - - -	3.30	3.80	3.90	4.40	2.70	4.10	1.40	2.10	5.80	.30	3.180
June - - - -	1.70	2.40	5.90	3.20	6.00	2.20	1.00	3.10	4.40	1.80	3.170 -
July - - - -	1.30	4.00	7.30	.80	3.60	3.70	5.00	3.60	1.50	4.80	3.560
August - - -	.48	10.40	3.80	9.90	4.80	4.80	6.80	4.80	8.60	2.30	5.668
September -	4.50	13.30	4.10	10.20	10.10	3.20	9.20	5.50	1.90	12.00	7.400
October - -	9.70	6.40	13.90	5.90	4.60	3.60	6.20	11.40	9.80	6.20	7.770
November -	1.80	10.80	5.00	8.60	7.30	7.50	9.20	3.10	6.40	12.50	7.220
December -	1.60	6.50	11.60	12.80	8.30	8.70	14.10	7.00	11.30	12.80	9.470 +
TOTALS -	45.28	80.80	75.50	83.60	68.10	53.90	79.40	62.01	92.80	78.20	72.159

1868 the only fair day in Feb was the 12th

Skerryvore = Hynish
L. H. Tice

60

Argyll.

+ Ground

+ Sea Level

Inches - 14.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	12.76	7.36	14.89	14.20	7.88	9.67	15.47	6.50	7.49	9.52	10.574 +
February - -	5.39	8.46	3.45	7.90	6.42	10.66	8.03	5.30	13.29	10.09	7.899
March - - -	13.14	14.82	4.57	4.73	9.84	6.17	5.61	2.32	12.61	4.46	7.827
April - - -	4.96	1.54	4.60	7.98	5.15	3.32	3.01	7.99	3.69	3.69	4.573
May - - - -	5.83	3.78	5.34	3.57	2.48	5.90	1.86	2.65	6.54	.25	3.820
June - - - -	5.11	5.10	4.73	5.16	4.81	2.39	2.37	2.82	3.94	1.83	3.826
July - - - -	3.95	7.91	5.52	.49	2.48	4.52	2.82	3.47	1.08	3.10	3.534 -
August - - -	11.74	9.60	4.57	7.45	3.92	6.00	3.60	6.41	5.70	1.62	6.141
September -	7.09	12.55	5.80	9.15	13.99	3.54	7.08	2.46	2.26	8.58	7.258
October - -	13.23	5.23	13.12	6.06	4.49	5.43	4.88	11.76	8.56	1.80	7.456
November -	3.76	8.71	7.73	7.45	6.16	9.10	9.28	3.32	7.81	11.94	7.526
December -	1.27	4.51	13.58	13.55	10.80	9.20	14.71	7.56	10.45	9.75	9.538
TOTALS -	88.23	89.57	87.98	87.69	78.42	76.70	78.72	62.56	83.42	66.63	79.92
	C	+	C	C	C	C	C	-	C	C	

In 1863 another gauge was temporarily placed in this neighbourhood,

the results were July - Island of Tice - .36

(5 ft. 6.29 ft. + h.w.) August - Arinagour, Coll - 5.30

September " 5.30 -

E. J. Bedford obsⁿ

RAINFALL AT

Scarnish Heynisk
The Island of Iona

60

Argyll.

Lachlan McQuarrie

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

Height above Ground, ft. *5* in.

Above Mean Sea Level, ...*142*... ft.

Inches - 14.

YEAR.....							1866	1867	1868	1869	MEANS.
January							<i>6.80</i>	<i>6.77</i>	<i>2.55</i>	<i>4.18</i>	
February							<i>4.76</i>	<i>3.42</i>	<i>4.90</i>	<i>4.41</i>	
March							<i>2.50</i>	<i>4.74</i>	<i>4.26</i>	<i>1.09</i>	
April							<i>1.39</i>	<i>4.85</i>	<i>2.28</i>	<i>2.48</i>	
May							<i>2.21</i>	<i>3.46</i>	<i>3.27</i>	<i>.64</i>	
June.....							<i>1.64</i>	<i>2.73</i>	<i>1.49</i>	<i>1.48</i>	
July							<i>1.54</i>	<i>3.65</i>	<i>2.31</i>	<i>2.48</i>	
August							<i>2.37</i>	<i>2.63</i>	<i>2.49</i>	<i>1.93</i>	
September ...							<i>5.19</i>	<i>2.61</i>	<i>1.12</i>	<i>5.26</i>	
October.....							<i>2.34</i>	<i>2.82</i>	<i>5.42</i>	<i>3.30</i>	
November.....							<i>6.04</i>	<i>2.64</i>	<i>3.59</i>	<i>6.10</i>	
December.....							<i>7.78</i>	<i>.73</i>	<i>3.28</i>	<i>5.09</i>	
TOTALS							<i>44.56</i>	<i>41.05</i>	<i>36.96</i>	<i>38.44</i>	

C C C C

Dollar.

Blackmanian.

John Westwood

Adie

Dir 6 $\frac{5}{8}$ + Ground 4 in + Sea Level 170 ft
 Fork, L. bank - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			7.45	5.28	3.89	3.57	3.85	4.03	6.57	6.05	
February - -			1.58	.73	1.99	2.79	6.40	3.88	5.00	4.02	
March - - -			4.48	1.23	3.61	2.06	3.78	2.10	4.14	.43	
April - - - -			3.33	2.20	1.16	.80	1.81	5.75	4.46	2.04	
May - - - - -			3.58	1.33	1.99	2.77	.85	3.38	2.94	2.12	
June - - - - -			2.94	1.82	2.42	.54	2.58	3.14	.84	2.96	
July - - - - -			4.52	0.00	1.57	5.05	4.04	4.79	1.64	2.43	
August - - -			5.41	4.20	.82	5.67	6.33	5.38	4.93	1.07	
September -			2.90	3.61	5.74	1.15	4.08	3.35	2.89	4.65	
October - -			6.02	3.01	5.56	4.96	3.36	5.16	2.81	3.42	
November -			1.39	2.75	2.43	2.90	3.65	1.29	3.28	2.62	
December -			4.14	2.82	5.44	3.94	6.10	1.62	6.22	4.05	
TOTALS -	(34.60)	(35.50)	47.74	28.98	36.62	36.20	46.83	43.87	45.72	35.86	(7.192)

1862 Max Dec 28 = 1.07

quite exposed

Lochleven, Muir House

Kinross.

Mr. P. Farnie

+ Ground $9\frac{1}{2}$ in.

Leven &c - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.70	^{2.70} 2.60	5.70	^{5.10} 4.70	3.10	2.80	3.30	4.00	^{4.80} 5.40	^{5.40} 4.90	^{4.060} 4.020
February - -	1.50	^{3.20} 3.00	1.30	1.60	3.50	2.70	4.30	1.80	3.30	4.20	^{2.740} 2.720
March - - -	3.40	2.80	4.00	1.70	4.00	1.00	3.60	1.30	3.00	.80	2.560
April - - -	.60	1.00	3.10	2.70	1.00	.70	1.80	^{4.10} 3.30	3.20	1.60	^{1.980} 1.900
May - - -	1.30	1.50	4.10	2.20	1.30	2.80	1.00	3.90	2.60	1.20	2.190
June - - -	5.60	2.00	4.10	3.00	2.00	.40	^{2.20} 2.00	2.00	.50	2.80	^{2.460} 2.440
July - - -	2.30	3.10	3.80	0.00	2.40	3.80	^{3.50} 3.20	4.70	.30	.60	^{2.450} 2.420
August - -	3.50	6.00	2.70	3.90	^{1.00} .90	5.00	4.30	^{2.70} 3.00	5.40	1.10	^{3.560} 3.580
September -	1.30	5.60	1.50	4.70	3.70	^{1.40} .40	4.10	1.80	3.60	6.10	^{3.380} 3.280
October - -	4.30	2.20	^{5.80} 5.70	3.30	6.60	^{7.70} 7.60	3.30	^{3.30} 3.20	2.50	2.60	^{4.160} 4.130
November -	^{4.50} 3.60	5.70	^{1.80} 2.20	2.90	3.40	3.60	3.00	.30	^{2.20} 1.60	2.00	^{2.040} 2.030
December -	^{4.80} 5.00	1.80	^{4.60} 4.00	3.60	4.20	3.30	3.80	1.70	6.50	^{3.10} 3.20	^{3.740} 3.710
TOTALS -	36.10	37.30	42.20	34.30	36.10	34.10	37.70	31.00	37.90	31.10	35.780
	36.80	37.60	42.50	34.70	36.20	35.20	38.20	31.60		31.50	36.220

Corrections sent by W. Tullis Esq 18/12/73

RAINFALL AT *West Grange*

John J Dalziel ~~*Bartholomew*~~

7fe.

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

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

Above Mean Sea Level, *116*.. ft.

Forth. L. bank - 1.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						3.90	4.28	2.58	5.97	4.12	
February						5.05	4.10	.97	2.88	2.35	
March						1.52	1.45	.81	1.72	.30	
April .....						.80	.95	1.92	1.60	.78	
May						2.80	1.14	1.27	2.33	.38	
June .....						.63	1.50	1.75	.92	2.47	
July						3.33	2.28	2.47	.95	1.53	
August						4.43	3.22	3.32	4.65	1.46	
September .....						.35	2.77	1.97	2.52	4.37	
October						5.45	1.33	1.80	1.45	2.78	
November						3.35	1.71	.58	.97	2.50	
December						1.60	3.04	1.20	4.22	3.82	
TOTALS.....						33.21	27.77	20.64	30.98	26.86	

C C C C C

65 Buchanan

RAINFALL AT *Dunfermline*

Craigluscar W Works Dyfeshire

W Blisholm

Rain { By
Gauge { Diameter.....*1 1/4*.....in.

Height above Ground, ft. *10*..... in.

Above Mean Sea Level, *400 68* *458* ft.

Form. L. bank - 1.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	3.40	4.00	6.40	4.30	2.50	2.70	3.70	3.00	3.85	5.10	
February	2.00	2.40	1.70	1.70	3.00	3.90	3.25	3.00	3.50	4.20	
March	2.80	3.00	5.80	.80	3.60	1.20	2.50	2.50	2.75	.50	
April	10	1.00	3.10	.90	2.10	.90	.75	5.10	?	1.30	
May	2.10	.80	3.80	1.40	1.10	2.50	.20	3.60	2.30	2.00	
June	5.90	2.40	4.00	3.00	2.70	.30	1.10	3.00	1.40	2.30	
July	4.00	3.20	4.60	.90	3.10	3.50	1.75	4.25	.40	1.60	
August	3.40	4.10	3.30	3.70	1.50	3.30	3.00	4.00	4.40	1.10	
September ...	1.10	6.10	2.60	4.10	4.40	.20	3.62	2.90	3.70	6.00	
October	4.40	3.30	5.10	3.10	5.70	4.30	2.90	3.00	2.00	3.50	
November ...	4.00	5.70	1.90	3.30	3.00	3.10	3.30	1.10	.30	4.20	
December	4.50	1.60	4.50	3.10	2.50	2.50	3.50	2.40	6.20	2.40	
TOTALS.....	37.70	37.60	46.80	30.30	33.20	28.40	29.37	37.85		34.20	

c c c c c c c c c c monthly

g exposed with a railing round it

Burntisland.

60

Fife.

M. M. Macbean.

+ Ground bin. + S.L. 80 ft.

Leven tc - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				^R ? .35	1.47	1.43	2.18	2.84	2.57	2.81	
February - -				? .38	2.36	1.51	2.96	1.65	2.11	2.03	
March - - -				? .09	3.30	.52	2.09	1.16	1.45	.90	
April - - -				1.76	1.11	.56	.84	2.70	3.19	1.10	
May - - - -				2.12	.65	3.15	1.40	4.73	2.05	1.63	
June - - - -				4.18	1.64	.42	.86	2.32	1.13	1.55	
July - - - -				.37	1.85	4.14	3.01	5.71	.35	1.19	
August - - -				4.33	1.26	3.81	3.96	2.58	3.65	.79	
September -				2.14	2.59	.62	3.18	2.12	3.77	3.88	
October - -				3.02	6.98	5.29	1.48	1.47	1.53	2.18	
November -				2.01	1.85	2.74	2.24	.66	1.01	1.41	
December -				1.84	1.65	1.23	2.26	1.27	3.65	.72	
TOTALS -				22.59	26.71	25.42	26.46	29.21	26.46	20.19	

C ✓ C C C C C C

1865 - July 4.24, Aug 4.02, Sep .76, Oct 2.74, Nov 4.08, Dec 1.18 - Buchan

RAINFALL AT *Burntisland Parsonage*

Fife.

Observer *A. Buchan*

Rain { By.....
Gauge {

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

Leven &c - 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....											
February.....											
March											
April											
May											
June											
July											
August											
September.....											
October											
November.....											
December.....											
TOTALS								<i>29.14</i>			

RAINFALL AT Burnt Island

John Kerr

Duncarn

Fife.

Rain { By
Gauge { Diameter.....12.....in.

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

Above Mean Sea Level, 500..... ft.

Leven 1867-2.

YEAR								1867	1868	1869	MEANS.
January								# 4.67			
February								1.91			
March								1.30			
April								4.60			
May								3.80			
June								2.85			
July								4.85			
August								2.75			
September ...								2.50			
October								1.90			
November ...								.65			
December								1.95	#		
TOTALS.....								33.73			

C

Balfour

S. Z

Jife

James Dewar

Mf. Kib. No 43

Diam 3 in + Ground 4 in
Seven + c - 2.

6 63 664 65

68 - 129 6185
130 63
+ Sea Level 127 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.83	1.10	4.89	4.38	2.61	2.00	3.75	3.51	5.48	3.51	3.506 +
February - -	.91	1.16	1.43	1.23	3.05	2.11	4.16	1.89	3.27	2.72	2.193
March - - -	2.32	.93	2.90	.60	3.79	1.00	1.78	1.22	2.39	.32	1.725
April - - -	.29	.29	1.98	2.30	.56	.53	1.25	3.22	2.99	1.37	1.478 -
May - - - -	.49	.75	3.78	.80	1.00	2.45	1.39	4.84	2.53	1.18	1.921
June - - - -	3.88	.91	2.51	1.43	1.57	.15	1.39	1.80	.31	2.63	1.658
July - - - -	1.06	1.46	4.02	.15	1.90	3.40	2.92	5.78	.25	1.36	2.230
August - - -	2.57	5.31	2.68	2.73	.70	1.79	3.17	1.83	3.41	.53	2.472
September -	.51	5.77	2.11	2.35	2.88	.36	3.70	2.38	3.33	5.34	2.873
October - -	2.20	2.14	3.81	1.71	5.95	7.10	2.18	3.11	2.14	2.51	3.285
November -	2.52	5.39	1.45	2.23	2.46	4.16	2.48	.45	1.65	1.00	2.379
December -	3.78	1.55	3.03	1.85	3.73	2.05	3.65	1.02	6.21	1.82	2.869
TOTALS -	24.36	26.76	34.59	21.76	30.20	27.10	31.02	31.05	33.96	24.29	28.589

✓ c s + - c c c c c c c c

Nookton Seven Tree

W Mc Gee Miller Esq^r

Gum lawn, partly free from trees

9.5 in diameter bin + ground; + S.L. 80 ft
Seven - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	4.14	1.29	4.62	3.92	1.91	1.33	2.80	4.11	3.68	3.61	3.141	+
February - -	1.10	1.81	1.20	1.01	3.25	1.83	4.10	1.62	2.28	2.46	2.066	
March - - -	2.30	2.12	3.28	.79	2.95	.99	2.02	1.18	1.90	.94	1.847	
April - - - -	.93	.88	1.95	1.94	1.15	.62	1.45	2.83	2.89	1.64	1.628	-
May - - - - -	.74	1.49	3.79	1.79	1.23	2.99	1.50	4.47	1.98	1.56	2.154	
June - - - - -	4.59	1.55	2.81	1.77	2.35	.38	1.35	1.96	.50	2.53	1.979	
July - - - - -	1.17	2.41	3.76	.49	1.74	4.04	2.87	6.49	.25	1.31	2.453	
August - - -	2.64	5.46	2.48	3.60	1.35	2.38	3.42	2.04	3.92	.86	2.815	
September -	.87	4.73	1.95	3.61	3.09	.64	2.73	2.20	3.04	5.09	2.795	
October - - -	3.08	2.05	4.21	2.62	5.44	5.12	1.89	1.99	1.89	2.26	3.055	
November -	4.23	5.03	1.15	2.34	2.27	3.23	2.12	.43	1.25	1.14	2.319	
December -	4.86	1.60	3.08	1.91	3.02	2.22	2.94	1.44	4.71	1.58	2.736	
TOTALS -	30.65	30.42	34.28	25.79	29.75	25.77	29.19	30.76	28.29	24.98	28.988	

Pittmeocum
Jife

S. Z.

D Tennant Esq

Map Rut No 40

DRAIN 11 in + ground 6 feet
Leven + c - 2.

+ Sea Level 75 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.93	1.73	3.62	3.15	2.97						
February - -	1.00	1.76	2.14	.81	2.12						
March - - -	2.40	1.62	2.70	.81	2.50						
April - - -	.87	1.12	1.55	1.59	.68						
May - - - -	.95	.74	2.63	1.45	.86						
June - - - -	3.85	1.78	2.26	2.14	.63						
July - - - -	1.00	2.39	2.17	.37	1.24						
August - - -	2.04	5.48	1.75	4.14	.88						
September -	.48	4.91	2.03	2.93	3.01						
October - -	2.55	2.00	3.38	1.67	6.45						
November -	3.30	4.14	.39	2.11	1.20						
December -	4.83	.70	1.35	1.23	.90	11	4				
TOTALS -	27.36	28.45	25.97	22.40	23.44						

S S S S S

The Gang is within 24 years of the present time
 the last on the other side is already past the end
 the Gang is supposed to be the month of
 month to year. It is the only one as I have been
 constantly following the history of the Gang to the present
 from year but I am not sure of it
 the same as the Gang of May which is the only one
 band is very much divided to be an even comparison
 from from Gang page at some very particular places

RAINFALL AT Cambo House L^d Andrews1 m SE of L^d Andrews.Fife.Observer Sir Jas^t EsquireRain { By FlemingGauge { Diameter 3 in.Height above Ground, 8 ft.Above Mean Sea Level 50 ft.Eden cc - 3.

YEAR.....										1869	MEANS.
January.....										#	
February											
March											
April.....											
May											
June.....											
July											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS										21.8	

The gauge is within 26 yards of the house (to the E) surrounded by trees on the other side about 40 yards distant
 As the gauge is emptied every Monday the monthly falls cannot be given, it is a dry locality as I observe rain constantly follows the valleys of the Forth & Tay passing
 ? : From your list I see our rainfall is nearly the same as the Isle of May which is 8 miles SE. The land is very much drained & we are now comparatively free from damp fogs which were very prevalent 30 years ago.

Rainfall at Birkhill Cypar
on S bank of Tay 7 or higher up than Dundee

7ife.

Mrs Wedderburn.

Gly Saline. Howards 5 in.

4 + Ground

+ Sea Level. 130

Firth of Tay - Lt.

YEAR - -				1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.56	2.61	3.33	4.66	4.90	4.48	
February - -					2.62	3.66	3.14	1.42	1.92	1.47	
March - - -					3.24	1.22	3.14	1.99	1.89	1.12	
April - - -					1.65	1.07	.90	2.65	3.01	1.46	
May - - - -					.78	1.56	.93	4.14	1.96	1.01	
June - - - -					4.56	1.47	1.26	1.73	.63	2.58	
July - - - -						3.89	2.79	5.53	.52	1.34	
August - - -				#	2.90	1.41	2.25	3.46	2.22	4.92	.73
September -					3.45	3.00	1.34	2.92	1.71	5.55	5.62
October - -					1.69	6.63	5.75	2.14	2.39	1.15	1.84
November -					3.02	2.60	3.12	1.71	.39	1.81	.74
December -					1.66	4.50	3.86	3.40	.83	5.69	2.35
TOTALS -					31.95	31.80	29.12	29.66	33.95	24.74	

1864 Glass broken on Jan 10th and not replaced till Feb 14th
amount no doubt divided by estimation. May .78 in of the
fall to 15th only. Obs. was then absent to July 17th

Inchkeith

Lat 56.2

Lon 3.8

7 ft.

+ Ground 3.6 in

+ Sea Level 182.61

Insular - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	1.52	.74	1.26	2.68	.65	.60	3.15	.45	2.78	3.40	
February - -	^x 1.00	.63	1.02	.56	.83	.36	4.60	1.40	3.15	2.00	
March - - -	.18	.36	1.52	.24	1.74	.62	.87	.62	1.61	.30	
April - - -	.05	1.24	.96	.80	.39	.50	.80	1.44	3.50	1.10	
May - - -	.60	.38	3.63	1.24	3.26	3.01	1.67	2.27	2.06	1.10	
June - - -	2.80	1.95	2.56	1.60	2.05	4.00	.94	1.33	.22	1.80	
July - - -	.92	2.65	1.58	.24	1.53	2.71	2.75	4.21	.18	0.50	
August - - -	1.36	3.61	2.87	2.56	1.00	3.80	3.03	1.93	3.20	1.20	
September -	.12	3.14	1.53	2.59	2.57	.61	2.74	2.21	.12	4.80	
October - -	3.62	1.57	2.14	1.95	4.95	5.62	.97	.54	^{Out of} _{order}	1.90	
November -	3.04	3.09	.44	1.80	1.60	1.94	1.38	.60	.04	2.70	
December -	2.54	.57	1.36	.76	1.63	1.93	.89	.69	.64	.70	
TOTALS -	17.75	19.93	21.87	17.02	22.20	25.70	23.79	17.69		21.50	

* 1860. Feb. No entry in return. Apr: .05 in one day.
Sept. 12 in one day.

Isle of May

Lat 56.11.9 Lon 2.33.22

Fife.

+ Ground 2 ft 2

+ Sea Level 182 ft.

Insular - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.80	1.24	2.73	2.27	1.19	1.09	1.63	1.66	1.79	3.15	1.955
February - -	.50	1.37	1.70	.66	1.60	.99	2.39	.77	1.45	1.02	1.245
March - - -	1.19	1.05	1.82	.35	1.88	1.61	1.37	.46	1.08	.24	1.005 -
April - - -	.50	1.20	.91	1.24	.93	1.05	.64	1.57	3.14	1.91	1.309
May - - -	.71	1.18	3.09	1.59	1.45	1.78	.68	2.62	2.41	1.25	1.676
June - - -	3.60	1.73	2.33	1.35	1.36	.38	.94	1.61	.06	2.21	1.557
July - - -	.62	2.61	1.92	.33	1.51	2.29	1.93	4.33	.47	.71	1.672
August - -	2.80	3.96	3.59	3.04	.87	1.66	2.20	1.96	3.18	.56	2.382 +
September -	.53	3.45	1.18	2.59	2.66	.39	2.00	1.79	2.72	4.15	2.146
October - -	2.41	1.17	3.17	1.80	4.98	2.70	.98	1.25	1.88	1.74	2.208
November -	2.84	2.68	.76	1.83	1.79	1.96	1.71	.32	.67	.66	1.522
December -	3.32	.76	1.88	1.56	2.54	.91	1.55	1.04	3.94	.55	1.805
TOTALS -	21.82	22.40	25.08	18.61	22.76	15.81	18.02	19.38	22.79	18.15	20.482

C C + C C - C C C C C

Loch Dhu

Peth.

8 in + Ground 6 in + Sea Level 325 feet
Forth. Rbank - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.80	13.80	16.20	8.90	8.00	13.90	6.70	15.20	13.30		
February - -	9.70	3.40	8.60	7.60	5.70	12.40	9.00	12.80	11.20		
March - - -	12.70	5.00	5.40	7.10	3.70	6.30	3.10	10.20	2.90		
April - - - -	.60	7.60	8.20	3.60	2.10	5.50	11.70	5.80	3.00		
May - - - - -	.90	7.00	3.20	2.00	5.10	2.00	4.30	6.40	1.30		
June - - - - -	5.20	6.10	5.70	7.10	1.10	4.30	3.40	3.25	3.20		
July - - - - -	5.40	9.20	.50	4.00	5.30	4.10	7.30	1.65	5.30		
August - - -	14.70	6.10	8.60	4.60	8.10	9.80	4.70	9.50	1.20		
September -	9.20	4.30	10.10	11.30	2.80	10.90	7.40	3.40	12.30		
October - -	8.90	16.60	6.50	5.10	7.20	5.40	9.80	10.90	4.80		
November -	11.10	5.80	8.10	8.50	6.70	8.60	2.80	7.20	9.80		
December -	7.00	16.20	13.60	8.00	9.10	13.20	8.30	15.90	11.50		
TOTALS -	93.20	101.10	94.70	77.80	64.90	96.40	78.50	102.20	79.80		

C C C C C C C C C C

Tot
78860

Rainfall at Carabass Pond of Monticell

Perm.

Wm. Wyber

G. copper cylinder 3 ft 6 in long, sunk in a ridge of earth in a wooden box.

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

Height above Ground, ... ft. in.

Above Mean Sea Level, ... 120 ... ft.

Fork, L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				7.80	5.40	1.20	8.20	5.20	9.50	7.10	
February - -				4.40	3.80	3.50	4.90	4.20	6.50	7.00	
March - - -				2.00	3.60	1.90	3.40	2.00	4.10	.30	
April - - -				4.00	1.60	.80	.60	4.80	3.00	1.50	
May - - -				2.50	1.80	3.30	2.60	0.00	3.80	.90	
June - - -				4.70	4.20	.50	3.20	1.20	1.60	1.90	
July - - -				5.20		3.00	3.60	4.30	1.00	2.10	
August - - -						5.00	5.80	4.50	6.50	.90	
September -				19.70		5.20	.00	7.50	3.30	3.50	7.20
October - -						2.90	7.20	2.80	5.60	5.80	2.50
November -				6.50		3.50	7.80	5.10	2.00	2.90	5.30
December -						6.50	8.80	6.80	3.60	7.50	5.80
TOTALS -	46.00	48.00	58.50	48.90	43.70	43.00	54.50	40.70	55.70	42.50	48.150

Cardross is on a rising ground in the middle of a narrow plain about 30 ft + s.e. Five miles N, hills rise to 1000 ft; and another ridge in the S about equidistant and 800 ft high.

1867 May 0.00.7

Gartincaber

Perth.

Murdoch

Forth, upper L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	MEANS.
January - -	4.55	5.40	4.50	4.20	6.70	5.10	4.40	2.20	10.40	12.10	12.10	5.33
February - -	2.30	6.20	2.40	6.90	6.20	3.30	9.00	8.30	0.10	7.00	7.00	5.40
March - - -	3.30	8.40	4.20	3.30	4.90	2.20	4.00	1.30	7.10	2.40	9.20	4.25
April - - - -	.50	4.00	6.40	3.70	3.80	1.20	3.30	7.10	4.40	2.40	3.00	3.00
May - - - -	2.90	7.10	6.10	3.00	1.20	3.00	1.40	2.20	4.50	4.10	2.70	3.75
June - - - -	4.50	5.30	6.40	3.00	5.90	4.00	3.30	2.60	3.70	3.40	2.80	3.80
July - - - -	2.40	4.20	7.40	4.00	2.80	4.30	4.20	6.30	7.60	4.40	3.50	4.50
August - - -	4.00	11.00	5.60	5.90	9.20	6.70	7.10	3.30	6.90	3.10	3.60	6.00
September -	1.30	6.20	2.70	6.90	9.10	1.40	9.10	4.60	3.00	14.20	2.40	5.40
October - -	3.20	4.10	4.20	5.30	2.70	8.60	4.70	6.40	7.70	1.00	4.50	5.30
November -	2.60	10.50	4.70	3.00	4.70	4.90	1.20	2.30	3.70	6.40	4.70	4.70
December -	3.50	4.10	11.00	11.40	6.00	3.30	9.20	7.00	10.20	9.10	7.50	7.50
TOTALS -	35.05	116.10	174.40	175.50	175.50	160.00	184.40	133.00	175.30	235.70	144.00	44.00

0 - Dep. rec'd to J B Hamilton Esq.

Aberfoyle Inn

60

Perth.

8 in + Ground 6 in + Sea Level 60 feet
 Form. L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.20	8.00	11.80	12.20	6.70	4.70	11.60	2.20	10.90	10.00	8.330 +
February - -	1.80	6.30	2.10	6.90	6.30	3.50	9.60	6.30	8.10	7.10	5.800
March - - -	4.40	8.60	4.70	3.20	4.70	2.20	4.60	1.30	7.70	1.10	4.250.
April - - -	.20	.40	6.40	5.70	3.20	1.20	3.50	7.70	4.40	2.60	3.530
May - - - -	3.40	.70	6.10	3.00	1.80	3.80	1.40	2.20	4.50	.60	2.750.-
June - - - -	6.80	4.30	4.60	4.00	5.90	.90	3.20	3.00	2.70	3.00	3.840
July - - - -	.40	4.00	7.10	.40	3.90	4.50	4.20	6.10	.60	4.40	3.560
August - - -	3.80	11.60	4.60	5.90	2.80	6.70	7.10	4.30	8.90	.30	5.600
September -	3.20	6.20	2.70	6.90	9.10	1.40	9.10	4.60	3.00	10.70	5.690
October - -	6.20	6.10	11.20	5.50	2.70	5.60	4.70	6.10	7.70	4.00	5.980
November -	2.10	10.50	4.70	5.00	4.70	4.90	6.20	1.20	3.70	6.40	4.940
December -	2.90	4.90	11.00	8.60	6.00	6.90	9.80	5.00	10.70	9.70	7.550
TOTALS -	40.40	71.60	77.00	67.30	57.80	46.30	75.00	50.00	72.90	59.90	61.820

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

Bad. cs. (1913)

Rainfall at Blairhoyle.

Perth.

W. Munro - Gardener

Cas: How.

1-3 66

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

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

Above Mean Sea Level, ft.

Fork, L. bank - 2.

YEAR - -	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		6.80	5.00	3.91	7.35	4.95			
February - -		4.18	5.00	3.50	6.23	4.58			
March - - -		2.35	4.30	.92	2.91	2.64			
April - - -		3.87	2.16	1.05	2.22	6.24			
May - - - -		3.00	2.00	3.26	1.10	3.14			
June - - - -		4.28	4.30	.49	2.56	2.13			
July - - - -	#	4.34	.30	4.54	3.24	3.49	4.95		
August - - -		5.53	3.40	1.50	5.52	6.85	4.29		
September -		2.77	5.50	6.30	1.53	6.62	3.65		
October - - -		7.14	4.00	2.68	4.98	3.44	5.98		
November - -		2.33	3.50	4.90	3.07	3.99	- -		
December - -		6.64	4.72	4.54	4.68	7.91	- -		
TOTALS -		45.90	47.22	36.15	54.67				

C C C C C

On the Hills
between Loch Ard & Loch Keshine
Ledard

Perth.

8 in + Ground 6 in + Sea Level 1500 feet
Forth, L. bank - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.40	8.50	7.70	9.40	9.00	4.60	13.70	4.30	16.30	14.40	
February - -	2.10	9.90	5.80	6.20	6.00	3.20	7.40	—	11.40	9.60	
March - - -	1.50	5.70	3.70	7.10	4.30	1.10	3.60	—	8.70	.60	
April - - - -	2.00	.50	9.80	7.00	3.70	2.00	4.70	11.60	6.00	1.80	
May - - - - -	5.50	.60	8.20	4.00	2.00	6.90	2.40	4.80	6.10	1.30	
June - - - - -	14.00	7.80	9.50	8.90	7.10	2.40	5.80	2.00	1.80	4.50	
July - - - - -	4.00	6.70	11.40	.20	4.60	9.20	6.70	9.40	.70	6.50	
August - - -	9.40	20.20	7.80	10.10	5.50	16.20	10.50	5.40	9.00	.60	
September -	6.40	13.40	5.70	8.30	10.40	1.50	11.80	6.10	3.80	15.70	
October - -	10.50	12.50	15.00	8.60	4.20	10.60	3.70	8.40	10.60	7.50	
November -	6.40	7.90	3.50	12.00	10.20	10.30	6.60	3.10	6.90	incomplete	
December -	8.30	9.40	14.60	13.40	9.10	13.20	12.90	5.40	16.40	11.10	
TOTALS -	73.50	103.10	102.70	95.20	76.10	81.20	89.80		97.70		

C C C C C C C C C C C

1867 - Obsⁿ. incomplete in Feb. & March.

Deanston

Perthshire 8 m NW of Stirling

John Finlay Esq.

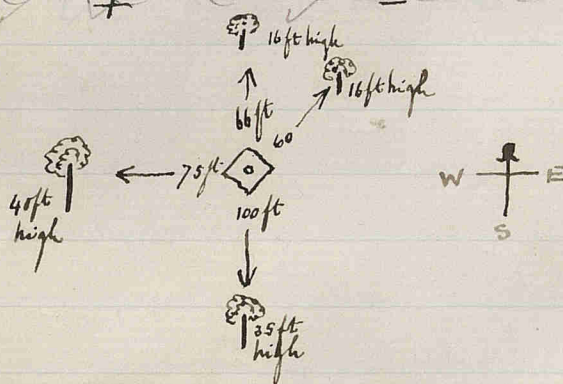
Level 4 - 67

60 63

120 63

Sea 5 $\frac{5}{8}$ + ground 0 $\frac{1}{2}$ in ; + Sea level 130 feet 66
 Form, Term -3. 130 = 64.67

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.70	3.10	6.30	8.00	4.45	2.76	6.96	4.01	8.37	6.51	5.416 +
February - -	2.95	2.80	1.35	3.40	4.55	2.95	5.71	4.27	5.37	5.87	3.942
March - - -	3.90	4.80	3.80	1.70	5.05	1.91	2.75	2.07	4.88	1.00	3.186
April - - - -	.65	.40	3.60	3.30	1.55	.99	2.11	5.53	3.91	1.42	2.346 -
May - - - -	3.15	.70	3.90	3.60	1.58	2.98	1.11	3.89	2.90	1.04	2.485
June - - - -	3.55	2.60	3.60	3.45	3.84	.46	2.58	2.20	1.29	2.74	2.631
July - - - -	2.85	5.10	5.20	.20	3.85	3.20	3.27	4.18	.04	2.19	3.088
August - - -	5.40	8.00	3.50	4.00	1.62	5.21	6.14	4.48	6.46	.76	4.557
September -	.70	5.10	2.50	5.00	4.46	1.15	5.89	4.72	2.64	6.90	3.906
October - -	4.90	4.00	7.70	4.20	4.43	4.23	3.28	4.33	4.82	2.72	4.461
November -	2.80	5.80	3.00	2.85	3.30	3.31	3.35	1.22	3.11	4.14	3.288
December -	2.75	2.65	7.10	4.85	3.22	4.60	6.37	3.25	6.81	5.25	4.685
TOTALS -	37.30	45.05	51.55	44.55	41.90	33.75	49.72	44.15	51.40	40.54	43.991



q. in wire fence 6 ft square - ground rises a little to W, level to S & E

Lanrick Castle
Porthshire
Andrew Glover Esq.

+ Ground 0.0 + Sea Level 150³/₄

Forth, Feith - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.00	4.90	6.90	8.10	5.10	3.30	7.55	5.10	10.10	6.90	6.195 +
February - -	5.10	4.00	1.85	4.70	4.10	3.70	6.90	4.55	6.10	6.40	4.740
March - - -	4.80	6.60	4.15	1.75	5.35	1.75	4.70	1.40	5.70	1.10	3.730
April - - - -	.70	.35	4.30	3.85	1.75	1.15	2.30	4.70	4.10	1.35	2.455
May - - - - -	3.30	.60	4.00	2.50	1.70	2.80	1.15	3.10	3.20	.55	2.290 -
June - - - - -	5.50	2.85	4.00	4.50	4.50	.50	2.40	2.10	1.15	3.00	3.050
July - - - - -	2.55	5.20	5.40	.10	4.50	3.30	3.60	3.75	.70	2.20	3.130
August - - -	5.10	9.00	3.80	4.25	1.75	6.00	6.90	3.95	7.00	.65	4.840
September -	2.00	5.50	2.25	5.90	5.25	1.35	6.30	3.65	2.65	7.30	4.215
October - - -	5.60	4.90	8.90	4.40	4.20	4.50	4.00	5.10	5.30	2.75	4.965
November -	3.20	6.60	3.90	4.40	3.30	3.55	3.95	1.60	3.10	4.70	3.830
December -	3.25	2.80	8.30	6.00	4.00	4.80	7.50	3.85	7.80	5.35	5.345
TOTALS -	45.10	53.30	57.75	50.45	45.50	36.70	57.25	42.85	56.90	42.25	48.05

✓ 5 +/c c ✓ - c c c c

Loch Drunkie

G.W.W.

Perth.

8 in + ground 5 in + Sea Level 420 feet
 Form, Teik - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		7.30	11.30	12.40	6.90	5.00	9.80	4.90	10.00	9.90	
February - -		5.80	2.10	6.90	7.10	5.40	9.10	7.80	10.50	7.50	
March - - -		6.00	3.70	3.80	5.20	2.40	3.00	1.70	7.20	1.10	
April - - - -		.10	7.10	5.50	3.10	1.30	2.80	8.20	4.20	2.50	
May - - - -		1.20	6.00	3.60	1.70	3.80	1.90	3.00	5.30	.70	
June - - - -		3.70	4.90	4.30	6.40	.80	2.80	2.30	2.30	2.90	
July - - - -		4.30	7.20	.70	3.70	4.50	4.10	5.70	1.30	3.80	
August - - -		12.40	4.90	6.40	3.70	5.50	7.90	4.60	9.90	1.80	
September -		6.30	3.00	8.10	9.50	1.80	9.60	4.40	2.80	9.60	
October - -		7.00	12.90	5.70	3.10	5.10	4.00	7.90	8.40	3.10	
November -		11.40	4.10	6.00	5.10	4.50	6.90	1.60	3.90	7.10	
December -		5.40	10.90	9.70	7.00	6.70	10.60	5.10	12.20	9.80	
TOTALS -		71.70	78.10	73.10	62.50	46.80	72.50	57.20	78.00	59.80	

C C C C C C C C C

Loch Vennachar
G.W.W.

Perth.

0 in + Ground 0.6 in + Sea Level 275 feet
Form, Perth - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.60	10.60	10.00	6.20	4.40	8.00	5.00	9.30	8.60		
February - -	6.70	1.90	4.10	6.00	6.80	8.20	6.70	6.90	6.00		
March - - -	8.80	3.00	3.20	4.30	2.30	2.80	1.80	6.30	1.90		
April - - - -	.10	6.10	5.70	2.90	1.20	2.90	7.20	3.90	2.30		
May - - - -	.70	5.10	3.20	1.80	3.60	1.50	3.50	4.30	.90		
June - - - -	4.60	4.20	4.10	5.20	.70	2.60	2.30	1.70	2.40		
July - - - -	5.20	6.20	.20	3.70	4.30	4.00	6.20	.90	3.80		
August - - -	12.30	4.10	5.60	2.70	6.20	7.90	4.50	8.20	.60		
September -	7.10	3.10	6.10	8.70	1.50	8.50	4.20	2.60	9.40		
October - -	6.30	11.20	4.70	3.40	5.00	4.00	7.30	7.60	3.80		
November -	8.40	4.30	5.10	4.60	4.00	4.50	1.40	3.90	6.10		
December -	4.90	9.20	7.50	6.00	6.20	9.00	5.10	9.90	7.70		
TOTALS -	72.70	69.00	61.50	55.50	46.20	43.90	55.20	65.50	53.50		

c c c c c c c c

Bridge of Forth Glasgow Water Works

Perth.

8 in + Ground 6 in + Sea Level 270 feet
Forth, Feik - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.50	7.00	10.60	10.60	6.60	3.40	10.30	4.50	8.20	9.00	7.870 +
February - -	4.10	6.80	1.90	6.20	5.90	3.40	8.60	6.40	5.30	6.70	5.530
March - - -	6.20	8.50	3.50	3.70	4.40	2.60	4.10	1.60	5.60	1.70	4.190
April - - -	1.90	1.30	6.10	5.60	2.60	1.40	3.10	6.70	4.30	2.60	3.560
May - - - -	3.70	.50	3.40	2.50	.90	3.60	1.40	2.80	4.80	.70	2.430 -
June - - - -	8.10	4.20	5.30	4.50	6.10	.60	2.80	2.40	1.80	2.80	3.860
July - - - -	3.20	4.20	6.30	.20	3.60	4.40	2.80	4.90	1.00	4.30	3.490
August - - -	5.20	12.50	5.40	7.00	3.20	5.30	7.70	4.10	7.90	1.20	5.950
September -	3.30	7.70	2.60	8.10	8.20	2.00	8.90	4.70	2.20	9.90	5.760
October - -	8.00	6.20	12.90	5.60	3.20	5.30	3.90	7.00	7.20	3.20	6.250
November -	2.90	10.00	3.60	5.60	5.80	5.10	6.50	1.20	3.60	7.60	5.190
December -	4.70	5.50	10.30	8.90	5.60	7.90	10.80	4.40	9.80	10.20	7.810
TOTALS -	59.80	74.40	71.90	68.50	56.10	45.00	70.90	50.70	61.70	59.90	61.890

8 + 6 6 6 6 6 6 6 6 6 6

RAINFALL AT Gallander The Gort Perth

Observer D Ainslie Esq

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

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

Above Mean Sea Level 242.....ft.

Form, Perth - 3.

YEAR.....					1864	1865	1866	1867	1868	1869	MEANS.
January.....						3.95	9.05	6.18	5.27	7.09	
February.....						3.29	8.04	6.30	11.24	7.91	
March.....						3.12	3.91	1.85	7.37	1.37	
April.....						3.40	3.98	6.94	4.05	2.62	
May.....						2.87	1.22	3.04	4.46	.66	
June.....						1.13	2.33	3.93	3.32	2.50	
July.....					3.81	4.37	1.68	4.75	1.12	2.89	
August.....					2.41	5.85	8.35	3.37	7.12	.77	
September.....					8.05	3.66	8.53	4.80	1.73	5.72	
October.....					4.60	5.24	3.73	5.65	8.28	6.02	
November.....					1.55	2.21	6.33	4.37	2.35	6.18	
December.....					8.13	8.33	9.87	5.78	11.88	8.89	
TOTALS						47.42	67.02	56.96	68.19	52.62	

Loch Katrine G. W. W.

Tunnel hill top

Perth.

8 in

+ Ground 6 in

830 ft

Form, Perth - 3.

YEAR - -	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.00	14.00	14.50	8.00	7.20	12.60	6.10	11.80	12.90	
February - -	8.50	3.20	7.40	6.50	5.40	11.50	8.20	13.80	9.70	
March - - -	9.50	5.10	5.60	4.80	3.30	5.50	3.20	10.10	2.20	
April - - - -	.40	7.50	6.70	3.60	1.90	5.70	10.60	5.10	1.90	
May - - - - -	.90	7.20	3.20	1.75	4.90	1.90	4.00	5.90	1.20	
June - - - - -	5.10	7.20	4.90	6.75	1.10	3.70	3.20	2.90	3.00	
July - - - - -	6.20	8.50	.60	3.80	5.00	4.10	6.70	1.50	4.00	
August - - -	14.50	5.00	7.80	4.70	7.30	9.00	4.90	8.60	1.20	
September -	10.10	2.70	9.50	9.20	2.80	8.60	7.40	3.00	11.80	
October - -	8.70	15.10	6.80	5.00	6.80	6.80	9.10	10.20	4.20	
November -	9.40	5.90	7.70	8.70	6.40	7.50	2.60	6.10	9.50	
December -	7.90	15.50	12.80	8.40	9.60	12.90	7.40	15.90	11.80	
TOTALS -	89.20	96.90	87.50	71.20	61.70	89.80	73.40	94.90	73.40	

✓ C C C C C C C C C C

Between Glen Finlas & Ben Ledi

Perth.

8 in + ground 6 in + Sea Level 1000 feet
 Form. Feik - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.20	5.00	4.40	10.10	7.50	6.30	11.50	3.80	7.50	9.40	
February - -	2.40	5.80	1.60	6.00	7.80	5.80	9.20	3.60	5.00	5.50	
March - - -	1.10	5.70	.60	3.10	6.40	2.20	5.80	2.60	5.60	.80	
April - - - -	3.10	.80	3.20	5.90	2.86	1.30	5.10	3.10	3.50	1.90	
May - - - - -	3.20	.70	7.20	5.10	1.50	3.70	1.20	3.80	6.30	.60	
June - - - - -	8.50	3.80	7.00	6.00	6.70	.70	6.90	3.50	1.80	3.20	
July - - - - -	5.70	5.40	7.40	.40	4.40	5.20	4.50	6.90	1.20	3.60	
August - - -	6.20	15.00	8.70	6.30	2.90	11.10	*	6.60	8.50	1.60	
September - -	2.30	8.40	2.70	6.40	9.80	2.10	*	6.00	5.10	9.00	
October - - -	5.70	7.90	9.70	5.20	4.30	5.70	5.50	7.80	4.60	2.80	
November - -	2.70	7.60	2.80	6.20	7.00	5.00	4.60	1.70	2.80	2.90	
December - -	6.70	4.30	10.70	10.00	7.90	8.60	6.70	3.60	10.70	3.90	
TOTALS -	53.80	70.40	66.00	70.70	69.00	57.70		53.00	62.60	45.20	

* 1866 Augt & Sept improperly taken

Overexposed & useless

Lenny
Callander Park
J B Hamilton Esq.

340.66 865
345 6306

Die 3 in + ground 4 in + Sea Level 335 ft
Fork Teik - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		7.50	14.30	12.70	8.00	6.30	11.50	5.20	12.00	9.80	
February - -		7.30	0.0	6.50	5.70	4.40	8.10	8.60	12.50	8.70	
March - - -		5.80	4.50	6.00	6.00	2.60	3.60	3.80	4.40	9.0	
April - - -		.00	7.50		2.50	1.00	3.50	6.70	5.70	2.40	
May - - -		.60	4.20	7.30	1.30	4.30	.70	3.10	4.70	.70	
June - - -		3.20	4.30		6.10	.50	2.20	2.30	1.70	3.20	
July - - -		8.30	6.20	.30	4.00	3.30	2.70	5.00	.80	3.30	
August - -		10.50	3.60	5.30	1.90	6.20	10.30	4.60	8.00	.60	
September -	2.30	8.00	4.00	7.90	9.70	.80	9.90	4.60	2.30	10.00	
October - -	8.50	6.30	12.40	5.50	6.10	5.90	4.80	7.30	9.00	3.00	
November -	2.70	9.40	4.50	6.60	6.00	4.00	5.90	1.80	5.40	6.70	
December -	1.30	5.50	9.50	8.80	8.10	7.60	12.20	4.50	12.00	10.00	
TOTALS -		72.40	75.00	66.90	65.40	46.90	75.40	57.50	78.50	59.30	

1862 The unusual dryness of Feb^y reduces the annual fall which would otherwise be excessive, so wet and ungenial has the weather been that there were whole fields of Oats out in shock when the snow fell and covered them it being 15 in deep on Terrace - On the whole it has been the worst harvest for the difficulty of saving an indifferent crop ever remembered, many of the Potatoes are still unlifted Jan^y 1863

1863 To the end of June splendid weather Oak in leaf earlier than I ever remember best rise in its bark for 40 years, Thrush heard in Do. & Primrose in bloom

1868 Feb^y 1st greatest flood for 30 y^r Oats in leaf long before the Ash. Early in May a W wind blighted all the foliage supposed to be charged with salt even the native Sea buck h^e suffered

Glenogle
Head of Loch Katrine

Perth.

8 in + Ground 6 in + Sea Level 380 feet
Forth, Teith - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	10.50	11.10	13.10	15.90	9.40	7.60	14.40	7.50	17.00	13.70	
February - -	14.50	11.80	4.00	11.80	7.20	7.50	11.50	9.10	17.40	11.70	
March - - -	11.20	15.20	4.50	8.00	6.80	4.20	7.60	3.80	—	2.90	
April - - -	2.80	1.30	9.00	6.80	3.50	2.50	5.80	12.80	—	3.80	
May - - -	6.20	2.10	6.70	4.70	2.00	5.70	2.30	4.00	(82.00)	1.60	
June - - -	9.40	5.00	7.30	6.60	7.80	2.20	5.70	4.60	—	4.20	
July - - -	2.10	5.60	10.90	.50	6.10	5.30	4.20	6.70	1.95	6.00	
August - -	7.50	17.20	5.80	9.00	3.80	8.30	11.60	13.50	11.95	1.30	
September -	5.80	12.00	4.30	9.20	12.10	4.90	8.40	11.30	3.60	14.00	
October - -	14.10	10.30	16.70	8.80	6.40	6.60	4.40	11.60	12.60	5.70	
November -	4.30	13.10	6.60	10.30	6.20	6.40	9.30	5.40	6.10	12.60	
December -	5.80	7.80	16.20	13.90	9.30	11.00	15.50	8.60	17.70	13.50	
TOTALS -	94.20	112.50	145.10	105.50	80.60	72.20	100.70	98.90	118.30	91.00	

1868 Mar-June roughly est. from our data (Glasgow Water) 21.11.13

Shrewsbury

Lock Earm Head, Wiltshire

D. Carnegie Esq.

4 in 64

463 64

+ Ground 3 inches at Sea Level 460 ft 63

865

Fork, Teith - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.05	6.15	12.10	15.70	8.50	8.30	14.95	5.75	15.40	10.37	10.527
February - -	6.45	11.20	2.64	8.15	5.80	4.55	11.05	9.65	13.55	10.27	8.331
March - - -	10.35	11.90	8.82	4.50	6.52	2.93	8.67	3.10	11.47	7.15	7.541
April - - - -	2.65	.70	8.10	7.20	3.45	1.60	5.80	9.52	6.30	3.30	4.862
May - - - -	5.45	1.20	6.15	2.80	1.85	5.58	1.60	3.30	5.80	1.25	3.498 -
June - - - -	9.55	4.20	7.40	5.40	5.67	.85	3.92	3.20	2.52	3.45	4.616
July - - - -	2.80	4.65	7.09	.40	5.45	4.10	3.35	6.20	1.05	4.20	3.929
August - - -	6.70	12.85	4.00	7.76	2.45	6.30	7.60	4.55	8.50	1.05	6.176
September - -	3.95	8.50	3.78	9.26	10.25	2.10	11.95	4.00	3.90	11.85	6.952
October - - -	11.06	8.40	13.16	7.46	5.25	5.55	6.45	9.30	9.20	4.67	8.250
November - -	4.38	11.20	5.35	8.92	8.73	6.30	6.25	2.30	6.60	4.67	6.470
December - -	4.25	7.70	17.25	12.25	7.75	13.95	12.70	5.70	17.30	13.95	11.280 +
TOTALS -	75.64	88.65	97.84	89.80	71.67	62.11	94.29	66.57	101.59	76.18	82.434

The fall in 1866 (94.29) is 50 per cent more than /65 = 62.11 the greatest in the last 7 y^r was 97.84 in /62

Kippenross

Dumblane

Perth.

J Stirling Esq.

Dca 3 in + Ground 4 in

+ Sea Level 100 ft

Forth, L. bank - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.60	2.55	7.75	6.70	5.30	2.90	5.60	3.30	6.40	5.85	4.995 +
February - -	2.00	2.40	1.35	2.10	3.05	2.50	5.10	2.70	3.10	3.80	2.810
March - - -	3.00	4.30	4.20	1.70	4.80	1.70	2.70	.70	3.50	.55	2.715
April - - -	0.60	.75	3.35	2.00	1.05	.55	1.40	3.90	3.00	.70	1.730
May - - - -	1.55	.60	3.00	1.80	1.35	2.30	.40	2.10	2.30	.60	1.600 -
June - - - -	4.35	2.20	3.80	2.90	2.75	.05	.90	0.00	.25	2.30	1.950
July - - - -	2.40	5.70	4.70	.10	3.10	3.20	1.30	3.00	.25	1.40	2.515
August - - -	4.10	7.10	3.30	3.70	1.50	5.40	4.20	3.20	4.40	.55	3.745
September -	1.30	4.45	2.00	4.20	4.05	.80	1.50	1.40	2.30	5.65	2.765
October - -	4.30	3.15	7.35	3.90	5.25	5.10	2.10	3.20	4.20	2.50	4.105
November -	3.20	5.40	2.80	2.50	3.55	3.65	2.50	.50	3.00	2.70	2.980
December -	3.70	3.20	6.30	4.10	2.45	4.20	5.10	1.70	6.60	5.20	4.255
TOTALS -	34.10	41.80	49.90	35.70	38.20	32.35	32.80	25.70	39.30	37.80	36.165

✓ e + c ✓ c c - c

Methill

Grieff. Perthshire

A. Albert J. T. Morris

145 65

9 in 64

10 in 67

240 66

245 66

Die 3 + Ground 11.3 in 63

+ Sea Level 247 ft

Tay. Sam - 7.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				5.11	5.92	3.41	8.46	5.76	10.61	6.77	
February - -				3.13	5.11	5.12	7.33	5.48	8.16	5.89	
March - - -				1.37	4.82	1.33	3.63	2.09	5.67	1.27	
April - - - -				3.55	1.71	1.12	2.75	4.84	3.87	1.83	
May - - - - -				1.93	1.50	3.15	1.34	4.54	4.48	1.09	
June - - - - -				3.24	3.16	.56	2.13	2.68	1.59	2.69	
July - - - - -				.22	2.68	4.08	4.58	6.42	1.05	1.68	
August - - -				4.53	1.87	4.75	6.22	3.13	7.01	.85	
September -				5.27	5.90	.96	6.49	3.28	4.19	6.35	
October - -				4.50	4.79	5.18	2.93	6.50	4.27	3.17	
November -				3.70	4.09	3.97	3.16	.83	2.87	2.94	
December -				5.60	6.27	5.83	7.18	2.52	8.28	8.49	
TOTALS -	43.08	43.86	46.00	42.15	47.82	39.46	56.20	48.07	62.05	43.02	

1860-1862 from original register in possession of the R. Inst. Soc. extracted at some time previous to 1919.

1868 Nearly 17 inches above the mean of the 97.

1 Mr. Muthill

60

Colquhoun House

on the banks of the Burn 500 ft. from

J S Hepburn Esq.

866 - 68 On large lawn 90 ft from house

7 in gauge + ground 5 in

+ Sea level 60 ft. 63

July, 1860 - 7.

68 - 120 65.6

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.00	4.20	8.07	6.52	5.10	3.02	5.71	5.10	8.35	5.80	5.587
February - -	3.20	4.48	1.08	3.30	3.77	2.88	5.55	3.12	5.22	4.20	3.680
March - - -	3.75	4.28	6.30	1.42	3.35	1.18	2.88	2.22	4.00	1.08	3.046
April - - -	.35	.65	3.28	3.32	1.50	.78	1.52	3.95	3.58	1.58	2.051
May - - -	1.60	1.10	3.30	1.52	1.80	2.37	.88	4.02	3.18	1.28	2.105
June - - -	5.10	2.28	3.62	2.28	2.90	.44	1.98	1.80	1.28	2.68	2.436
July - - -	2.85	4.50	3.98	.27	4.70	3.08	3.71	5.22	.65	1.45	3.041
August - -	3.50	6.47	3.53	5.35	1.50	4.10	4.80	2.84	5.57	.93	3.859
September -	1.00	4.40	2.12	4.57	3.17	.58	5.20	2.15	3.20	5.18	3.157
October - -	4.30	3.28	6.14	3.68	4.58	4.71	2.20	4.02	2.75	2.28	3.794
November -	4.30	6.40	2.50	2.48	3.22	3.38	2.41	.58	2.50	2.20	2.997
December -	3.90	2.30	5.60	4.10	4.25	5.15	5.72	1.85	6.30	6.70	4.587
TOTALS -	37.85	44.34	49.52	38.81	39.84	31.67	42.56	36.87	46.58	35.36	40.340

✓ C C ✓ C C C C C C C C

Open to the sweep of S W winds from which
Inchbarometer gauge is sheltered by walls & trees

Trinity Gask Anchtowarden S. Z
Perth.

R. Wylie

Map Net No. 42

Diam 3 in + Ground 1 in
Tay. Barn - 7.

+ Sea Level ¹³⁷ 135 feet 60
86

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.70	5.20	7.35	4.80	4.05	2.10	5.10	5.86	6.15	5.78	5.109 +
February - -	1.90	2.85	1.10	1.70	3.10	2.25	3.90	2.66	3.08	3.20	2.574
March - - -	2.70	2.80	2.50	1.20	3.60	1.10	3.75	2.20	3.30	1.00	2.415
April - - -	.20	.90	2.10	2.20	1.20	.75	2.20	3.46	3.16	1.20	1.737 -
May - - - -	1.30	.90	3.10	1.20	1.20	2.25	.80	3.77	2.88	1.02	1.842
June - - - -	4.50	2.20	3.10	2.60	2.10	.40	2.00	3.50	1.12	2.68	2.420
July - - - -	2.70	3.40	3.80	.10	2.80	3.60	3.07	3.93	.55	1.58	2.553
August - - -	3.20	5.80	4.50	5.90	1.50	4.35	4.55	2.31	5.40	.68	3.819
September -	.90	4.80	1.90	3.40	4.75	.50	5.62	1.26	2.82	4.92	3.087
October - -	3.30	2.60	4.60	3.30	5.20	5.40	2.07	2.97	2.12	2.60	3.416
November -	4.15	4.85	1.19	2.55	3.60	3.60	2.10	.28	1.56	1.55	2.543
December -	4.00	1.90	4.10	2.10	4.10	4.25	4.76	1.52	6.26	5.10	3.809
TOTALS -	33.55	38.20	39.34	31.05	37.20	30.55	39.92	33.72	38.40	31.31	35.324

1861- Aug: 18- The Earn overflowed all its banks, submerging far and wide, many of the richest flats (haughs, we call them) to the destruction of the crops - No similar flood has occurred except during winter since the notable Speat of September 1849.

RAINFALL AT Lochearnhead.

Perth.

Observer A. Buchan Esq.

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

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

Above Mean Sea Level 460ft.

Gay. bar - 7.

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.....							6695	5708	8115	6135	

1866-69 from Buchan's Tables in Journal of Scot. Met. Soc. Vol. XI. p. 266
Entered 1. XII. 1913.

Rainfall at Inchbank ParkPortThos. Miller L.D. J.R.S.EDiameter of Gauge, $9\frac{1}{2}$ in.

Height above Ground, 1 ft. 6 in.

Above Mean Sea Level, 20 ft.

Almond TC-8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						5.21	4.45	6.04	4.82	4.74	
February - -						4.95	3.53	1.88	3.46	1.80	
March - - -						2.81	2.72	2.48	2.65	1.85	
April - - -						2.30	1.40	3.13	2.50	1.50	
May - - - -						4.36	.90	4.05	2.70	.90	
June - - - -						1.19	1.51	1.57	.60	2.75	
July - - - -						2.10	3.33	4.29	.20	1.05	
August - - -						4.54	7.12	3.59	4.38	1.80	
September -						1.98	3.74	2.11	2.35	4.84	
October - -						6.30	1.96	2.00	2.18	2.95	
November -						4.52	1.68	.33	3.25	1.15	
December -						2.17	2.62	1.38	5.50	3.56	
TOTALS -						42.43	34.96	32.85	34.59	28.89	

C C C C C

Early Bank Perth

Genl. Sir A. Lindsay K.C.B.

Ms. Ref. No. 32

Diarr 1 1/2 + Ground 3 in
Almond + c - 8.

Above Sea Level 66 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	3.55	1.90	5.41	5.11	2.56	2.76	5.53	15.66	8.95	5.48	5.691	+
February - -	2.17	1.72	1.82	1.92	8.83	1.50	4.88	2.90	6.96	2.02	3.472	
March - - -	2.74	3.29	4.90	.19	3.91	1.29	3.44	3.04	3.28	1.57	2.765	
April - - -	.56	.86	2.13	2.28	1.90	.75	1.02	4.18	3.06	1.05	1.779	-
May - - - -	1.52	1.69	4.53	1.88	1.73	3.08	1.30	4.03	2.23	.85	2.284	
June - - - -	7.11	2.37	4.63	3.16	1.93	1.23	2.39	1.44	.76	2.55	2.757	
July - - - -	3.59	3.96	4.15	.40	2.81	8.79	4.98	8.63	.47	1.25	3.903	
August - - -	3.45	5.47	3.82	5.70	1.20	4.26	5.12	3.93	6.82	.96	4.073	
September -	1.16	5.24	2.02	3.48	3.82	1.36	4.90	2.08	4.05	5.08	3.319	
October - - -	3.14	2.34	5.16	3.39	5.10	6.11	3.48	2.61	2.43	3.47	3.723	
November - -	4.25	5.10	3.16	2.25	3.42	3.83	2.80	.75	2.98	1.65	3.019	
December - -	4.64	2.14	4.18	2.85	3.29	4.38	5.05	1.53	6.69	2.11	3.686	
TOTALS -	37.88	36.08	45.91	32.61	40.50	39.34	44.89	50.78	48.68	28.04	40.471	

✓ c c c c c c + c - c

65 Bachorn

Porth

Academy

Thos. Miller LL.D., & H. P. C. Rector

64 1/2 ft 63 3/4 64 3/4 65

79-65 1/2 6
105 63

Dia 15 + ground 6.5 in

+ S.L. 15 ft. 64

Almond & C - 8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.05	1.43	3.52	3.03	1.57	3.05	3.04	4.17	3.81	4.54	3.121 +
February - -	1.53	1.02	1.06	1.11	2.44	2.90	2.77	1.33	2.50	1.59	1.825
March - - -	1.20	2.25	1.56	.44	1.95	1.65	1.70	1.33	2.51	1.45	1.604
April - - - -	1.16	.31	1.47	1.78	.78	1.35	.73	2.17	2.29	1.18	1.322 -
May - - - - -	.65	.78	2.68	.88	.87	2.55	.64	2.92	1.70	.29	1.396
June - - - - -	3.72	1.09	3.11	2.28	1.50	.70	1.44	1.08	.05	1.96	1.693
July - - - - -	1.81	2.75	1.95	.19	1.09	1.23	2.24	3.82	.22	.97	1.627
August - - -	2.20	3.90	1.63	3.06	1.60	2.66	5.17	3.19	3.51	1.42	2.834
September -	.75	3.85	1.89	3.03	2.36	1.16	.53	1.31	2.41	3.79	2.108
October - - -	2.08	1.44	3.20	1.90	1.60	3.69	2.14	1.99	1.39	2.17	2.160
November -	2.11	2.21	1.23	2.13	2.03	2.22	1.74	.13	1.65	.70	1.615
December -	2.36	1.75	2.67	2.16	1.59	1.27	2.79	1.16	4.25	2.79	2.279
TOTALS -	22.62	22.78	25.97	21.99	19.38	24.43	24.93	24.60	26.29	22.85	23.584

C 40 C C - 2 C C + C

2 x 9 inches

RAINFALL AT *Logie Lodge* *Logie Almond*
Perthshire

60

By *James Stewart*
Rain Gauge { Diameter.....*2 in.*

Height above Ground, *4* ft. *6* in.

1500 *68*
Above Mean Sea Level, *1025* ft.

Almond TC - 8.

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											
February											
March											
April											
May											
June											
July											
August											
September ...											
October											
November ...											
December											
TOTALS					<i>69.00</i>	<i>54.00</i>	<i>52.00</i>	<i>39.00</i>	<i>84.25</i>	<i>41.00</i>	

c c c c c c

Stanley

S. L.

7 mi N of Perth

Rest Wm Mathor

Map Ref No 64

Gauge 10 in + ground 1 foot 6.66485 + Sea Level 200 feet 150 63
 Almond sc - 8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.30	2.15	5.02	3.65	3.27	1.92	3.65	3.83	4.45		
February - -	2.20	2.60	1.40	1.36	2.85	1.95	3.08	2.05	2.58		
March - - -	2.50	2.97	2.50	1.30	2.10	.99	2.76	2.15	2.45		
April - - -	.38	.20	2.21	2.11	.77	.42	1.06	2.80	3.15		
May - - - -	1.35	2.20	3.53	1.65	1.71	2.31	.53	3.23	2.45		
June - - - -	6.37	1.70	3.51	2.95	2.10	.32	1.10	1.30	1.10		
July - - - -	3.13	4.48	2.50	.55	2.31	4.95	3.46	5.12	.55		
August - - -	2.50	5.42	3.15	4.57	.56	3.67	3.60	2.10	4.80		
September -	.66	4.50	1.35	2.92	3.71	.50	3.97	1.56	3.65		
October - -	1.50	2.61	3.90	2.45	3.23	4.60	2.27	2.55	2.18		
November -	3.40	4.10	1.45	1.87	3.05	2.60	1.79	.31	1.90		
December -	4.82	1.65	3.55	2.37	2.94	3.15	3.51	.93	5.77		
TOTALS -	31.11	34.58	34.07	27.75	28.60	27.46	30.78	27.93	35.03		

✓ c ✓ c ✓ c ✓ c ✓ c ✓ c ✓ c ✓ c

Rainfall at *Bolfracks, Aberfeldy*

JW
60
Perth.

J. F. Wyllie Esqr

6 66 - 68

3 60 66 68

Diameter of Gauge, *1.2* in.

Height above Ground, ft. *5* in.

Above Mean Sea Level, *350* ft.

Strathlag - 11.

YEAR - -		<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>2.70</i>	<i>6.10</i>	<i>7.50</i>	<i>2.80</i>	<i>7.80</i>	<i>6.50</i>	<i>4.30</i>	<i>8.00</i>	<i>6.20</i>	
February - -		<i>2.50</i>	<i>2.40</i>	<i>2.50</i>	<i>4.00</i>	<i>3.00</i>	<i>4.50</i>	<i>4.00</i>	<i>5.30</i>	<i>6.50</i>	
March - - -		<i>4.30</i>	<i>3.50</i>	<i>2.50</i>	<i>2.50</i>	<i>2.00</i>	<i>4.20</i>	<i>3.00</i>	<i>4.30</i>	<i>1.00</i>	
April - - -		<i>.40</i>	<i>3.40</i>	<i>3.00</i>	<i>1.50</i>	<i>1.00</i>	<i>2.40</i>	<i>4.00</i>	<i>4.20</i>	<i>1.50</i>	
May - - - -		<i>1.00</i>	<i>3.00</i>	<i>1.50</i>	<i>1.70</i>	<i>3.00</i>	<i>1.00</i>	<i>3.10</i>	<i>3.00</i>	<i>1.00</i>	
June - - - -		<i>2.50</i>	<i>5.70</i>	<i>3.50</i>	<i>4.00</i>	<i>.80</i>	<i>2.20</i>	<i>2.30</i>	<i>1.60</i>	<i>3.10</i>	
July - - - -		<i>3.80</i>	<i>2.50</i>	<i>.00</i>	<i>3.00</i>	<i>3.00</i>	<i>4.50</i>	<i>5.50</i>	<i>.90</i>	<i>2.00</i>	
August - - -		<i>5.80</i>	<i>4.00</i>	<i>5.50</i>	<i>1.50</i>	<i>4.00</i>	<i>2.50</i>	<i>3.80</i>	<i>5.50</i>	<i>1.00</i>	
September -		<i>4.25</i>	<i>2.20</i>	<i>2.50</i>	<i>5.50</i>	<i>.60</i>	<i>5.50</i>	<i>4.00</i>	<i>2.20</i>	<i>5.00</i>	
October - -		<i>4.00</i>	<i>6.80</i>	<i>5.50</i>	<i>3.00</i>	<i>4.20</i>	<i>3.00</i>	<i>4.40</i>	<i>3.00</i>	<i>3.30</i>	
November -		<i>5.00</i>	<i>4.00</i>	<i>3.00</i>	<i>5.00</i>	<i>4.00</i>	<i>3.50</i>	<i>.50</i>	<i>3.30</i>	<i>3.50</i>	
December -		<i>4.40</i>	<i>4.50</i>	<i>4.50</i>	<i>3.70</i>	<i>6.70</i>	<i>4.50</i>	<i>2.50</i>	<i>8.00</i>	<i>5.50</i>	
TOTALS -		<i>40.65</i>	<i>48.10</i>	<i>41.50</i>	<i>38.20</i>	<i>40.10</i>	<i>44.30</i>	<i>41.40</i>	<i>49.30</i>	<i>42.40</i>	

C C C C C C C C C C

Rainfall at Strath-Tay

Logierait

Perth.

Rev G D Munro

56°40' N 3°20' W

Diameter of Gauge, ... 5 in.

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

Above Mean Sea Level, ... 259 ft.

Strath Tay - II.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						3.33	5.01	4.02	5.35	5.48	
February - -						2.56	3.73	2.92	4.03	3.38	
March - - -						1.50	4.31	2.61	3.67	.76	
April - - -						.55	1.49	3.21	4.02	1.30	
May - - - -						2.24	.80	2.82	2.44	.73	
June - - - -						.32	1.64	1.89	1.00	2.11	
July - - - -						4.10	3.16	6.07	.58	1.48	
August - - -						4.70	3.66	3.32	4.81	.88	
September -						.56	4.34	2.00	3.03	4.12	
October - -						4.16	3.21	2.89	2.77	3.29	
November -						2.98	2.76	.52	3.14	2.50	
December -						4.71	3.42	1.76	6.27	3.42	
TOTALS -						31.71	37.53	34.03	41.11	29.45	

C C C C C

Blackhill House

Strathley by Aberfeldy

Perth.

J S Hepburn Esq.

3 in. ^{4 in 65} + ground 3 in.

+ Sea Level 823 ft.

Strathley - II.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					2.75	2.60	5.05	5.50	6.90	6.15	
February - -					4.07	8.76	5.50	2.90	6.95	4.07	
March - - -					3.90	1.40	2.80	1.40	4.60	1.30	
April - - - -					1.30	.50	1.50	3.70	4.85	.97	
May - - - -					1.52	2.57	1.05	3.00	2.80	.52	
June - - - -					2.90	.17	1.60	2.40	2.47	2.65	
July - - - -					2.85	4.00	3.15	6.70	.35	1.56	
August - - -					.80	5.10	3.70	3.00	5.05	1.20	
September -				3.40	5.12	.50	5.80	3.36	3.07	5.05	
October - -				4.50	3.20	4.30	3.07	3.70	2.50	4.30	
November -				3.15	4.30	3.00	3.60	.60	3.40	3.00	
December -				4.70	2.85	5.00	4.45	2.20	5.85	4.10	
TOTALS -					35.56	37.90	41.27	38.46	48.79	34.87	

✓ (✓ c c c c c c c

Perth.

Tyn drum Mines

Donald M^cLaren

+ Ground 3 in

+ Sea Level 792.

Lock Jay - 12.

[illegible]

Taymouth

Perth.

Peter Murray

865

37264

+ Ground 4 ft.

+ Sea Level 370 ft. 63

Loch Tay - 12.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.40	3.80	5.20	2.30	2.90	4.10					
February - -	2.20	4.50	1.60	6.50	4.30	4.70					
March - - -	4.20	5.00	12.00	2.30	2.70	1.50					
April - - -	.20	.50	2.30	3.70	1.10	.00					
May - - -	1.10	.20	3.10	1.50	1.20	2.70					
June - - -	4.90	3.40	5.11	2.50	3.10	.00					
July - - -	2.30	2.50	2.70	.20	3.00	3.50					
August - -		5.20		5.30	1.50	4.20					
September -		4.00	*	3.50	5.60	.70					
October - -		3.20	7.10	5.30	4.20	3.20					
November -	3.30	5.20	3.40	3.50	7.10	3.30					
December -	8.00	3.20	7.40	4.30	4.30	7.50					
TOTALS -		40.70		40.90	41.00	35.40					

* Gauge out of order.

† Query G. J. S.

62 = Buchanan

Rosemount
Blairgowrie

Perth.

Robert Guckie Esq^r

7 $\frac{3}{4}$ + ground 6 ft.
Yay, Isla - 15.

+ Sea Level 300 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				3.45	2.79	2.57	3.06	2.45	3.22	4.94	
February - -				1.02	2.18	1.96	2.59	1.79	2.97	2.08	
March - - -				1.01	1.54	1.06	2.41	2.13	2.59	.66	
April - - - -				1.67	.97	.70	.87	2.74	2.99	1.36	
May - - - - -				1.39	1.18	2.02	.64	2.88	1.89	.66	
June - - - - -				2.78	2.32	1.35	1.01	1.52	1.31	2.15	
July - - - - -				.34	1.93	4.57	2.80	5.72	.81	1.16	
August - - -				5.08	.66	4.32	3.07	2.21	4.54	1.14	
September -				2.63	3.89	.50	3.02	1.68	4.26	4.61	
October - -				3.24	3.84	3.51	2.27	2.66	1.74	2.95	
November -				1.88	3.42	2.17	1.71	.18	1.38	.87	
December -				1.78	3.69	1.58	3.02	1.03	6.16	3.40	
TOTALS -				26.27	28.41	26.31	26.47	26.99	33.86	25.98	

About 5 miles N of Kettens on the N side of Strathmore
while Kettens is on the S side of it

Belmont Castle
Meigle

Perth.

Wm Stewart Davidson

37 ft - 169

237 69
2203

+ ground h_u

+ Sea Level 300 feet

Tag. L_u - 15.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.90	2.40		2.10	1.20	2.30	3.10	1.50	3.40	5.30	
February - -	.90	2.50		.80	1.10	1.70	2.30	1.00	1.90	1.50	
March - - -	2.10	2.30		1.30	1.20	1.20	3.00	2.60	3.60	.80	
April - - -	.30	.40		1.50	.90	.80	1.20	2.30	3.40	1.40	
May - - - -	1.70	.90		1.40	1.40	2.10	.50	2.90	1.70	.40	
June - - - -	5.40	2.20		2.60	1.90	.50	1.00	1.10	.60	2.40	
July - - - -	3.10	3.50		.30		4.40	2.50	6.70	.40	1.40	
August - - -	3.10	4.70		4.70		4.10	2.60	1.80	5.30	.80	
September -	1.80	5.30		2.50		.30	3.30	1.50	4.80	5.10	
October - - -	1.50	2.10		3.40		5.40	2.50	3.00	1.80	3.00	
November - -	4.90	3.60		.80		2.70	1.70	.10	6.40	.70	
December - -	4.80	2.20		1.10		3.50	2.70	1.00	0.00	2.00	
TOTALS -	32.50	32.10		22.50		29.00	26.40	25.50	41.30	24.80	

1868 Dec. missing

Flood gauge 2 ft above ground

RAINFALL AT *Balthayock*

*4 m E of Perth 1 m from river Forth
W Wedderspoon*

Rain { By
Gauge {
Diameter.....7.....in. Float g. in a broad level topped beech hedge.
Height above Ground, ft. in. Above Mean Sea Level, *35.4* ft.

Gay. L. bank - 16.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January				<i>4.00</i>	<i>1.40</i>	<i>1.40</i>	<i>4.00</i>	<i>3.10</i>	<i>4.00</i>	<i>4.00</i>	
February				<i>1.10</i>	<i>5.00</i>	<i>2.50</i>	<i>2.20</i>	<i>1.70</i>	<i>1.60</i>	<i>1.80</i>	
March				<i>1.30</i>	<i>2.40</i>	<i>.80</i>	<i>4.60</i>	<i>2.10</i>	<i>2.00</i>	<i>.70</i>	
April				<i>1.30</i>	<i>1.50</i>	<i>1.10</i>	<i>1.10</i>	<i>3.20</i>	<i>4.20</i>	<i>1.20</i>	
May				<i>1.40</i>	<i>1.60</i>	<i>2.70</i>	<i>.80</i>	<i>4.00</i>	<i>2.30</i>	<i>1.70</i>	
June				<i>3.60</i>	<i>3.20</i>	<i>.40</i>	<i>1.80</i>	<i>1.90</i>	<i>.70</i>	<i>2.30</i>	
July				<i>.30</i>	<i>2.80</i>	<i>6.10</i>	<i>4.50</i>	<i>9.20</i>	<i>.90</i>	<i>1.70</i>	
August				<i>6.60</i>	<i>1.20</i>	<i>4.70</i>	<i>4.80</i>	<i>3.00</i>	<i>5.90</i>	<i>1.10</i>	
September ...				<i>4.00</i>	<i>3.90</i>	<i>1.10</i>	<i>4.30</i>	<i>.80</i>	<i>4.00</i>	<i>5.20</i>	
October				<i>3.10</i>	<i>6.20</i>	<i>5.80</i>	<i>2.60</i>	<i>2.30</i>	<i>1.50</i>	<i>3.70</i>	
November ...				<i>2.30</i>	<i>3.30</i>	<i>4.10</i>	<i>2.00</i>	<i>.50</i>	<i>2.30</i>	<i>1.20</i>	
December				<i>2.00</i>	<i>3.30</i>	<i>2.40</i>	<i>3.10</i>	<i>1.10</i>	<i>5.40</i>	<i>3.50</i>	
TOTALS				<i>31.00</i>	<i>35.80</i>	<i>33.10</i>	<i>35.80</i>	<i>32.90</i>	<i>34.80</i>		

*Says his register goes back to 1862, also that he sent me
a copy - where is it, when? -*

*1869 Prod. & Load from D^r Mullins Perth Docks
as Mr. Wedderspoon removed at Markinch to
Muirhead*

Scone Palace

Lat $56^{\circ}25'10''$ N Lon $3^{\circ}26'30''$ W

Perth.

Mr. J. Halliday S.M.S. by Knows' Basin of the Tay

Dis. 6 ^{quarts} + ground $2\frac{1}{2}$ b. + Sea level 80 feet
 Tay, L. bank - 16.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.90	2.00	5.65	3.93	2.52	1.67	3.68	4.03	4.63	4.17	3.518
February - -	1.00	2.32	1.58	1.00	2.94	1.66	(3.08)	1.70	2.68	1.95	1.991
March - - -	2.88	2.63	3.13	1.17	2.56	1.08	.68	1.76	2.80	.94	1.963
April - - -	.22	.36	2.11	1.63	.91	.53	.93	1.76	2.54	1.59	1.258
May - - - -	.98	1.60	3.39	1.35	1.59	2.14	.95	3.50	1.99	.60	1.809
June - - - -	5.50	2.11	3.76	2.71	1.61	.35	.87	.33	.45	1.92	1.961
July - - - -	2.67	3.55	2.60	.72	2.35	5.19	3.37	7.05	.61	1.15	2.926
August - - -	1.32	4.90	2.75	4.47	.74	3.94	3.33	2.95	4.85	1.05	3.030
September -	.80	4.48	1.47	3.25	2.96	.65	4.60	1.35	3.33	4.60	2.759
October - -	2.00	2.12	3.67	2.59	4.01	5.82	1.82	1.68	1.35	3.00	2.806
November -	3.23	3.50	1.45	1.62	3.18	2.70	1.90	.43	1.92	.95	2.088
December -	5.25	1.55	2.90	2.39	3.33	3.06	4.02	.62	4.81	2.80	3.073
TOTALS -	28.75	31.12	34.46	26.93	28.70	28.79	(29.23)	27.16	31.96	24.72	29.182

1863 Annual gauge (set yearly) at the same height = 26.77

1866 x Stanley return, the Scone returns burnt along with the gardeners
 bothy.

ly. is only 9 ft from a 12 ft wall.

Kettins Dorsetshire

56.32 N 3.13.30 W

W. J. Gibb.

Ms. Bot. No. 84,

218 636485

Diam 4 in + Ground 1.0 f + Sea Level 220 feet
Tag, Sea - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	3.41	1.23	5.25	2.59	2.72	3.66	3.48	3.73	4.44	6.65	3.716	+
February - -	1.54	2.80	1.81	.83	2.84	2.39	2.57	1.47	3.00	1.77	2.102	
March - - -	2.31	2.70	2.30	1.45	1.78	1.12	3.57	2.89	3.31	.89	2.232	
April - - -	.45	.74	1.71	1.56	1.01	.69	1.90	3.23	2.99	1.56	1.584	-
May - - - -	1.21	1.61	4.48	1.59	1.68	2.20	1.02	3.71	2.39	.92	2.081	
June - - - -	6.77	2.28	4.21	2.85	1.96	.53	1.65	1.53	1.31	2.93	2.602	
July - - - -	3.12	4.00	2.45	.32	2.24	5.20	3.53	7.62	.69	1.46	3.063	
August - - -	3.48	4.76	3.39	5.25	.71	4.03	3.33	2.35	6.14	1.37	3.481	
September -	75	4.73	1.72	2.74	3.82	.52	4.25	2.15	5.50	5.49	3.167	
October - -	2.16	2.01	3.32	3.90	4.36	5.07	2.66	3.45	2.65	3.68	3.326	
November -	5.12	3.74	1.16	1.45	4.18	3.52	1.79	.33	2.11	1.18	2.458	
December -	6.07	1.69	2.69	1.79	4.38	1.89	3.57	1.19	7.50	2.83	3.360	
TOTALS -	36.39	32.29	34.49	26.32	31.68	30.82	33.32	33.65	42.03	30.73	33.172	

Dundee (Constitution Road)
(Hermon Hill)

Robt Adamson

Forfar.

116 66
116 55

+ Ground 0.0

+ Sea Level 60 ft

Fish of Tay - 2.

Hermon Hill 116 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.75	1.51	5.24	3.21	2.20	2.49	3.10	7.62	3.81	4.07	
February - -	1.28	1.60	2.00	.45	2.60	3.49	2.71	.95	1.42	1.53	
March - - -	1.93	1.80	2.90	1.35	2.52	1.50	3.31	2.26	1.83	1.38	
April - - -	.33	.60	1.76	1.45	.90	.86	.98	2.90	3.44	1.51	
May - - - -	1.10	1.60	3.92	1.60	1.88	1.85	1.12	2.10	1.84	1.11	
June - - - -	5.65	1.80	4.50	3.00	1.90	.06	1.40	1.60	.51	2.94	
July - - - -	3.10	2.90	3.53	.10	2.60	4.45	3.15	7.78	.52	.84	
August - - -	3.00	4.90	2.03	4.85	.98	3.10	3.15	2.16	5.76	1.10	
September -	.85	4.85	1.65	3.15	3.40	.55	3.10	1.63	5.31	6.16	
October - - -	2.00	2.15	2.05	2.10	6.26	6.10	1.80	2.51	1.60	2.76	
November -	5.20	3.40	.88	2.10	3.10	3.25	1.70	.24	1.79	.71	
December -	6.52	1.60	2.80	1.95	4.25	2.20	3.27	1.00	5.20	2.08	
TOTALS -	34.71	28.71	33.26	25.31	32.59	29.90	28.79	32.75	33.03	26.19	

query whether the same gauge

1859 = 23.823.82 1866 Average 29.02

1867 - Jan. fall seems excessive

RAINFALL AT *Dundee**Charles Clark**Cem Westfield Cottage Forfar.*Rain { By
Gauge { Diameter.....*5*.....in.Height above Ground, *9* ft. *0* in.Above Mean Sea Level, *50* ft.*Fifth of May, 2.*

YEAR								1867	1868	1869	MEANS.
January								# 3.01	3.37	3.68	
February .....								.78	1.27	1.38	
March								1.84	1.93	1.12	
April								2.12	3.45	1.37	
May								3.72	1.77	1.00	
June								1.33	.46	2.55	
July								6.96	.50	.85	
August								1.94	5.25	.97	
September ...								1.65	5.28	5.28	
October								2.35	1.49	2.64	
November ...								.31	1.62	.56	
December .....								.80	4.84	2.21	
TOTALS								27.61	31.23	23.61	

C C C

RAINFALL AT Dundee

W R Mc Kelvie Kelvie Eastern Necropolis

Forfar

Rain { By
Gauge { Diameter.....3.....in. Height above Ground, ft. 5 in. Above Mean Sea Level, 164 ft.

Fifth of Jay - 2.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January							2.60	4.90	3.60	4.00	
February							2.05	1.00	1.35	1.25	
March							2.10	1.80	1.45	.80	
April .....							.35	2.10	3.40	1.55	
May							1.00	3.60	1.55	.85	
June							1.25	1.00	.25	2.60	
July							2.75	7.00	.20	.95	
August							2.55	2.00	5.45	.95	
September ...							2.80	1.50	4.40	6.05	
October							1.65	2.05	1.35	2.95	
November ...							1.60	.40	1.50	.80	
December							3.05	.95	5.00	1.90	
TOTALS	(31.25)	(25.75)	(30.00)	(22.75)	(29.25)	(26.75)	23.75	28.30	29.50	24.65	

computed from
Constitution Road. N. 19.

1868 sunk in a grass border in an open space about 500 yards from the Jay & about 8 miles from the German Ocean and is situated on the South slope of the ground

Somerville Place, Dundee.

On a hill sloping down to the Tay

Forfar.

John Kerr Esq

2 1/2

240 6366

+ Ground 3 in

+ Sea Level 230ft 63

Fifth of Tay - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.35	4.70	2.33	2.28	2.50					
February - -		1.60	2.25	.50	2.60	2.70					
March - - -		2.00	3.26	1.35	2.80	1.60					
April - - -		.75	1.57	1.60	1.07	.86					
May - - - -		1.02	3.95	1.55	2.07	2.30					
June - - - -		2.03	4.26	3.20	2.20	.60					
July - - - -		3.10	3.35	.90	2.80	4.35					
August - - -		4.90	1.85	5.55	.95	3.15					
September -		5.10	1.75	2.50	3.80	.70					
October - -		2.03	2.75	2.52	5.90	6.30					
November -		3.32	.85	2.05	3.40	3.20					
December -		1.70	2.55	1.90	4.10	2.33	x				
TOTALS -	32.66	28.90	33.09	25.95	33.97	30.59					

C J C J C J C

On 1st 1st 1st 1st 1st

RAINFALL AT *Leppington Reservoir*
Dundee

Fogies.

Observer..... *Duncan*.....

Rain { By.....

Gauge {
Diameter.....in.

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

Above Mean Sea Level...*338*ft.

Fifth of May - 2.

YEAR.....						<i>1865</i>	<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January.....								<i>#</i>	<i>3.13</i>	<i>3.78</i>	
February									<i>1.47</i>	<i>1.52</i>	
March.....									<i>1.50</i>	<i>.92</i>	
April.....									<i>3.13</i>	<i>1.45</i>	
May									<i>1.57</i>	<i>.94</i>	
June.....									<i>.43</i>	<i>2.79</i>	
July									<i>.15</i>	<i>.79</i>	
August.....									<i>4.49</i>	<i>1.08</i>	
September.....									<i>3.77</i>	<i>5.66</i>	
October									<i>1.28</i>	<i>3.08</i>	
November.....									<i>1.62</i>	<i>.81</i>	
December.....									<i>4.47</i>	<i>1.43</i>	
TOTALS									<i>27.01</i>	<i>24.25</i>	

C C

Barry Village

Lat $36^{\circ}31'N$ Lon $2^{\circ}44'W$ N. B. Lon $2^{\circ}44'W$

Mr. James Proctor

Forfar.

Dec 11 $\frac{5}{8}$ + Ground 3 in + Sea Level 35 feet
S. Bar - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.03	1.40	3.59	3.25	2.28	1.50	2.64	8.12	3.47	3.72	3.300
February - -	.94	1.83	2.13	.73	3.86	2.56	3.04	1.35	2.00	1.14	1.958
March - - -	2.23	2.40	3.27	1.07	3.02	1.54	2.51	2.17	1.80	1.35	2.136
April - - -	.41	1.07	1.39	1.57	1.21	1.07	.97	2.50	2.98	1.59	1.476 -
May - - -	.13	1.10	3.16	2.89	2.00	2.54	1.58	3.81	1.68	1.69	2.058
June - - -	4.38	1.69	2.68	1.67	1.88	.40	1.43	1.76	.40	3.24	1.953
July - - -	2.62	2.52	3.58	1.26	2.60	3.02	3.30	4.29	.46	.84	2.449
August - -	2.65	4.49	3.09	3.90	.79	3.23	2.98	2.04	4.95	1.21	2.933
September -	1.50	3.51	2.62	3.68	3.29	.53	2.77	1.64	5.44	4.90	2.988
October - -	2.43	1.97	2.93	2.69	8.95	4.86	2.33	2.21	1.56	3.64	3.357 +
November -	4.68	3.87	1.01	2.06	3.75	3.55	1.95	.44	1.07	.73	2.311
December -	3.85	2.02	3.09	2.28	3.20	1.85	3.46	1.19	5.34	1.82	2.810
TOTALS -	28.85	27.87	32.54	27.05	36.83	26.65	28.96	31.52	31.15	25.87	29.729

$\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $+$ $\sqrt{}$ $-$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$

1863 Evaporation 14.65

Lough of Monckie

Forfar.

Mr. Duncan

481 68

480 66

+ Ground 0.0 + Sea Level 440 ft

S. No. 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	3.50	3.43	5.77	3.37	3.00	3.95	3.30	7.07	4.00	4.70	4.209	+
February - -	1.73	3.37	2.58	.68	4.00	3.30	3.65	1.29	2.03	1.63	2.426	
March - - -	2.55	3.00	3.87	1.30	3.45	1.33	4.00	2.64	2.00	1.50	2.564	
April - - -	.80	.80	1.48	1.89	1.11	.97	1.66	2.80	3.41	1.87	1.679	-
May - - - -	1.05	1.10	3.15	1.75	2.00	2.35	1.48	3.67	2.10	1.60	2.025	
June - - - -	5.30	2.13	4.40	3.20	1.85	.45	1.25	1.00	.50	2.59	2.267	
July - - - -	3.80	2.30	3.85	.85	2.90	3.15	3.30	6.30	.61	1.35	2.841	
August - - -	3.00	4.53	3.37	4.60	.77	3.95	3.20	2.38	5.52	1.43	3.275	
September -	1.00	5.10	2.43	4.00	4.50	.47	3.90	2.00	5.20	6.32	3.492	
October - -	2.67	2.87	3.24	2.60	9.50	7.35	2.40	3.00	2.80	3.48	3.991	
November -	6.37	4.25	0.97	2.54	4.00	3.75	2.00	.41	1.69	1.10	2.708	
December -	5.80	2.05	3.13	2.07	3.74	2.40	3.70	1.30	7.30	2.50	3.399	
TOTALS -	37.57	34.93	38.24	28.85	40.82	33.42	33.84	33.86	37.16	30.07	34.876	

✓ c c c c + c c c c -

Hillhead Monikie

Forth.

570 68

3 in + Ground + Sea level 500 ft

S. bk - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	3.40	3.23	5.04	3.50	3.05	3.83	3.05	7.50	3.82	4.90	4.220	+
February - -	1.76	3.19	2.60	.60	3.93	3.17	3.15	1.50	2.17	1.75	2.382	
March - - -	2.50	3.16	3.62	1.19	3.10	1.25	3.35	3.00	2.10	1.43	2.470	
April - - - -	.84	.87	1.36	1.55	1.05	.89	2.00	3.00	3.45	1.95	1.696	-
May - - - -	1.17	1.03	3.12	1.72	1.90	2.53	1.66	3.93	2.25	1.55	2.086	
June - - - -	5.68	2.09	4.28	3.42	1.80	.52	1.40	.97	.59	2.76	2.351	
July - - - -	3.00	2.76	3.92	.66	2.79	3.17	4.00	6.12	.60	1.27	2.829	
August - - -	3.07	4.67	3.13	4.55	.70	4.00	3.13	2.47	5.61	1.59	3.292	
September -	.95	5.20	2.45	4.18	4.70	.45	4.05	2.25	5.03	4.40	3.566	
October - -	2.85	3.00	3.13	2.53	9.90	7.65	2.72	3.17	2.77	3.45	4.117	
November -	6.45	4.30	.88	2.50	4.07	4.00	2.05	.40	1.93	1.07	2.765	
December -	5.68	2.05	3.00	2.00	3.85	2.50	3.50	1.20	7.65	2.70	3.413	
TOTALS -	37.43	35.55	37.33	28.40	40.84	33.96	34.06	35.51	37.97	30.82	35.187	

e c c c c + c c c c c - c

RAINFALL AT Dundee W W

60

Crombie Reservoir

Forfar.

J Duncan

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

Height above Ground, ft. in.

Above Mean Sea Level, 522 ft.

S. 2. 3.

YEAR								1867	1868	1869	MEANS.
January								7.09	3.78	4.70	
February								1.23	1.86	1.65	
March								2.69	1.93	1.51	
April								2.74	3.27	2.03	
May								4.02	2.21	2.04	
June								1.19	.60	3.17	
July								5.07	.58	1.34	
August								2.22	5.59	1.35	
September ...								2.09	5.15	6.07	
October								3.00	2.18	3.69	
November ...								.45	1.38	1.03	
December								1.19	6.79	2.63	
TOTALS.....								33.78	35.32	31.21	

C C C

Seichen

Forfar.

3 in + ground

+ Sea Level 550 ft

S. h. etc - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.51	3.30	5.85	3.69	3.25	3.90	3.17				
February - -	1.77	3.25	2.70	.77	3.95	3.23	3.00				
March - - -	2.65	3.40	3.80	1.40	3.76	1.30	3.62				
April - - - -	.93	1.00	1.58	1.90	1.09	.93	1.90				
May - - - -	1.61	1.07	3.28	1.90	1.80	2.51	1.54				
June - - - -	6.00	2.33	4.62	3.60	1.90	.50	1.30				
July - - - -	3.00	2.85	3.84	.80	2.71	3.00	3.76				
August - - -	3.15	4.70	3.00	4.70	.67	3.99	3.25				
September -	.91	5.33	2.38	4.25	4.75	.41	4.20				
October - -	2.80	3.05	3.18	2.67	10.70	8.00	2.67				
November -	6.70	4.50	.93	2.48	4.50	3.60	2.15				
December -	5.77	2.10	3.30	2.05	4.00	2.45	3.64	*			
TOTALS -	38.80	36.88	38.46	30.21	43.08	33.82	34.20				

✓ C C C C X C C

Arbroath, Keptie Road
Forfar

Alex^r Brown

60 68

75 67

Sea 7 $\frac{1}{2}$ + Ground 2 feet
S. bk- 3.

+ Sea Level 65 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.41	1.75	3.32	2.71	1.83	2.00	2.57	5.51	3.63	4.05	3.086
February - -	1.05	1.72	1.91	.54	2.95	2.92	2.81	1.16	1.85	1.06	1.797
March - - -	1.96	1.93	3.20	.81	3.01	1.33	2.38	1.96	1.92	1.04	1.954
April - - -	.70	1.35	1.40	1.32	1.28	1.01	1.28	2.48	2.69	1.57	1.516 -
May - - - -	1.18	1.25	4.02	1.58	1.59	2.26	1.57	3.51	1.97	1.76	2.069
June - - - -	4.75	2.53	2.84	2.51	2.11	.44	1.03	1.37	.44	2.53	2.055
July - - - -	1.87	2.56	3.56	1.22	2.52	3.54	2.20	4.69	.30	.01	2.327
August - - -	2.96	4.74	2.64	3.87	.81	4.38	2.15	2.78	5.26	.95	3.054
September -	1.04	4.23	2.00	3.69	3.66	.49	3.01	1.75	4.68	5.13	2.968
October - -	2.51	1.98	3.02	2.51	8.00	4.11	2.03	2.05	2.33	2.87	3.141 +
November -	4.33	3.51	.94	2.17	2.90	3.47	1.98	.48	1.34	.55	2.167
December -	4.64	2.11	2.48	1.80	3.54	1.05	2.97	1.14	7.22	1.41	2.916
TOTALS -	30.48	29.66	31.33	24.73	34.20	27.00	25.98	28.88	33.63	23.73	29.050

✓ ✓ ✓ ✓ + ✓ ✓ ✓ ✓ ✓ ✓ ✓

1864 - Oct 22-23 In 30 hours 3.46 in!

Hyd Sta. No: 82-857891

N&R: NO(37) 640413

alt: 18m

Usan Montrose

Forfar.

Geo^d Wynne

+ Ground 3 in

+ Sea Level 150

S. L. 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.20	3.70	2.00	1.90						
February - -		1.20	1.80	.10	2.80						
March - - -		2.00	2.50	.70							
April - - - -		.60	1.10	1.10	2.70						
May - - - -		1.10	3.10	1.30	1.80						
June - - - -		2.10	3.60	2.60	.80						
July - - - -		2.50	2.70	.40	1.70						
August - - -		4.90	1.90	3.90	1.50						
September -		4.30	2.00	3.90	3.50						
October - -		1.60	3.00	2.50	7.80						
November -		3.40	.90	1.20	3.30						
December -		2.30	2.70	1.90	3.30						
TOTALS -		27.20	29.00	21.60	31.10						

27.50
 ✓
 ✓
 ✓
 ✓
 ✓

Montrose

Forfas.

Waller Lighthouse

22 63

25

7 in + ground ^{6.6 63}_{2.6 61} + Sea Level 21 feet
 S. Sk - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.12	.45	3.75	2.41	2.45	2.09	1.97	2.78	2.31	3.90	
February - -	1.02	1.45	1.46	.31	3.18	2.05	2.04	.58	1.57	.79	
March - - -	1.88	2.10	2.43	.80	2.11	1.26	2.19	1.26	1.83	.81	
April - - -		.70	1.09	1.55	1.06	.84	.96	2.47	2.64	1.20	
May - - - -		1.20	3.67	1.48	1.75	1.93	1.04	2.89	1.90	1.56	
June - - - -		2.04	4.00	3.37	1.04	.27	1.11	1.11	.53	1.83	
July - - - -		2.11	2.83	.45	1.90	2.96	1.80	4.10	.15	.65	
August - - -		4.30	1.85	3.76	1.03	3.03	2.00	2.60	4.42	.86	
September -		3.86	2.43	3.26	3.40	.28	2.91	1.38	4.79	3.48	
October - -		1.59	3.12	2.56	6.28	3.50	2.49	1.90	1.98		
November -	5.43	3.46	.74	1.67	3.36	3.37	1.33	.36	.92		2.55
December -	3.95	2.33	2.90	1.85	3.31	1.60	2.34	.98	6.70	1.91	
TOTALS -		25.83	30.27	23.47	30.93	23.26	22.18	22.41	29.74	19.54	

1863 July 25th .63 Jan 16th hills covered with snow
 first time this season, May great noise in the sea in evening of
 24th Aurora very clear, Wild geese flying to the sea
 22nd, June 13th Swallows arrived, Oct 14th Swallows collect
 for departure, on 6th when the Earthquake was felt in
 England the θ^w fell to 28° but only for a few hours.

1860 - Record incomplete

Montrose Forfarshire

S. L

60

James Campbell M^r. Rct No 62

Dec 7th

Drain 3 in + Ground 3 in + Sea Level 8 feet
S. Lk - 3. From this time 29 ft + 4th & 37 + 15 L

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.33	1.10	2.70	2.00	2.10	2.10	1.98	2.80	2.33		
February - -	.82	.73	1.50	.35	3.18	2.05	2.05	.60	1.55		
March - - -	1.62	1.35	2.42	.85	2.07	1.30	2.03	1.30	1.82		
April - - -	.60	.80	.93	1.18	1.00	.98	.95	2.53	2.68		
May - - - -	1.10	1.25	3.60	1.15	1.73	2.47	.77	2.97	1.92		
June - - - -	3.30	1.87	3.30	2.82	1.40	.21	1.13	1.13	.55		
July - - - -	1.30	2.48	2.20	.50	1.90	3.45	1.85	4.17	.20		
August - - -	4.82	4.55	2.10	2.80	1.25	3.10	2.02	2.63	4.48		
September -	.75	3.70	3.10	2.73	2.50	.27	2.88	1.42	4.85		
October - - -	1.70	.95	2.65	2.00	6.25	2.78	2.55	1.98	2.00		
November - -	3.75	3.35	.85	1.72	3.25	3.12	1.52	.37	.95		
December - -	4.23	1.90	2.25	1.55	3.50	1.55	2.37	.95	6.72		
TOTALS -	26.32	24.03	27.60	19.65	30.13	23.38	22.10	22.85	30.05		

1864 - "We think our old gauge was too much sheltered by the buildings"

1867 - Leighton says "The Museum register is a copy of my own"

Rainfall at *Montrose (Royal Asylum)*

2 1/2 m. fro Sea.

5609
60

For far.

Ja^s. Howden M.D.

Diameter of Gauge, *5* in.

Height above Ground, *2* ft. *366* in.

Above Mean Sea Level, *200* ft.

N. 4. - 4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.99	5.83	1.68	1.58	2.66	7.15	
February - -					3.55	2.54	1.90	1.66	1.97	1.31	
March - - -					1.69	.76	2.24	2.33	2.27	.83	
April - - -					1.19	1.09	1.19	2.69	3.78	2.30	
May - - - -					2.87	6.09	1.47	3.36	2.24	1.67	
June - - - -					.76	.38	1.32	1.69	.58	2.28	
July - - - -					1.72	4.44	2.37	4.69	.21	1.56	
August - - -					.84	3.96	2.05	2.89	5.89	2.58	
September -					3.89	.42	3.01	2.17	6.50	5.52	
October - -					5.50	3.50	2.91	2.80	3.35	5.07	
November -					2.99	3.79	2.24	.38	.49	2.11	
December -					2.95	1.46	2.41	1.41	7.85	2.49	
TOTALS -					29.94	34.26	24.79	27.65	37.79	34.87	

Subsoil Boulder Clay.

RAINFALL AT Armshall
Kincardineshire

Observer... James Robertson

Rain } By.....

Gauge } Diameter..... 6.....in.

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

Above Mean Sea Level.....200.....ft.

North Lake - 1.

YEAR.....								1867	1868	1869	MEANS.
January.....								# 4.50	4.00	5.00	
February								1.50	1.30	2.30	
March								3.20	2.00	1.50	
April.....								4.20	3.00	1.50	
May								3.00	1.80	.60	
June.....								1.50	.20	2.90	
July								5.10	.30	1.20	
August.....								2.70	5.20	1.20	
September.....								3.00	5.10	5.00	
October.....								3.40	2.20	4.60	
November.....								1.50	1.50	.50	
December.....								1.90	6.20	3.10	
TOTALS								35.50	32.80	29.40	

In a well garden

RAINFALL AT

Johnston Lodge
*Lawrenceville**Kincardine.*

Observer.....

Rain { By.....

Gauge {
Diameter.....in.

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

Above Mean Sea Level.....ft.

Wm. R. - 1.

YEAR.....						1865	1866	1867	1868	1869	MEANS.
January.....						3.20			4.30	5.51	
February						7.85			1.93	1.31	
March						2.30			2.06	1.44	
April						1.56			3.52	1.71	
May						3.41			2.58	1.30	
June.....						2.25			.50	3.85	
July						3.75			.31	1.45	
August.....						3.67			5.68	1.80	
September.....						.55			6.40	5.77	
October						8.05			2.60	5.12	
November.....						5.16			2.13	.58	
December.....						3.85			10.56	4.51	
TOTALS						45.60			42.57	34.35	

Wm. R.
(*Buchan*
(

C

Bogmuir

Kincardine.

Robt. Valentine Esq.

Sea 6 + ground 3 in
worth lake - 1.

+ Sea Level 200 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.40	2.40	4.70	3.00	2.80	3.50	3.00				
February - -	2.80	2.20	2.00	.40	3.50	3.00	2.60				
March - - -	2.60	2.30	3.00	1.60	2.30	2.00	4.50				
April - - -	1.10	.60	1.80	2.70	1.60	.00	1.10				
May - - - -	1.00	2.00	3.10	1.70	1.50	2.40	.70				
June - - - -	5.30	2.60	4.20	2.60	1.00	.30	1.20				
July - - - -	3.00	2.70	2.10	.60	1.50	2.50	1.80				
August - - -	3.80	6.50	2.00	2.80	.40	3.60	2.50				
September -	.40	3.80	2.60	2.20	3.80	.50	3.50				
October - -	2.30	2.80	3.10	3.60	5.70	5.70	3.60				
November -	5.20	4.70	1.10	1.60	5.00	3.20	1.60				
December -	6.50	3.00	2.70	2.00	4.20	2.70	3.00				
TOTALS -	37.40	35.60	32.40	24.80	33.30	30.20	29.10				

✓ c ✓ c ✓ c ✓ c ✓ c ✓ c

The Burn

Major Wm

Kincardineshire

Col. M^c Inroy

Map Ref No 129

Diam $6\frac{1}{4}$ in + Ground 6 in + Sea Level 234 638
200 ft 61
235 ft

North Eke - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.60	2.70	5.50	3.80	3.50	3.50	3.50	4.50	4.90	5.10	4.060 +
February - -	2.70	3.00	2.20	.50	3.80	4.40	3.60	1.50	2.10	2.30	2.610
March - - -	2.70	2.60	3.30	1.00	2.40	2.10	4.40	3.20	2.00	1.50	2.520
April - - -	1.20	.50	1.80	1.80	1.50	.70	1.70	4.20	3.30	1.50	1.820 -
May - - - -	2.30	2.20	3.20	1.60	2.20	2.70	.70	3.00	1.90	.70	2.050
June - - - -	6.10	3.00	3.70	3.80	1.50	.30	1.70	1.50	.70	2.90	2.520
July - - - -	3.10	3.00	2.40	.70	1.70	3.90	2.20	5.10	.30	1.20	2.360
August - - -	4.10	6.90	2.80	3.50	.40	3.90	3.00	2.70	4.20	1.20	3.270
September -	.50	4.90	3.10	2.40	4.70	.40	3.60	2.60	4.90	5.00	3.210
October - - -	2.80	4.00	3.20	3.60	5.20	6.20	3.20	3.40	2.70	4.60	3.890
November -	5.80	4.80	1.10	1.60	5.10	3.20	1.80	.50	1.40	.80	2.610
December -	6.60	3.20	3.90	2.30	4.30	3.40	3.90	1.90	7.10	3.30	3.990
TOTALS -	41.50	40.80	36.20	26.60	36.30	34.70	33.30	34.10	35.50	30.10	34.910

+ c c c c c c c c c c

Fettercairn

SZ

60

Kincardine..

A to Cameron Esq. M.A. Mps. Ref. Mr. 83,

ly. in grass plot in g. 3 in 64 865 68 69

68
225 65 66
230 63 67
221 64

Stream 4 in + ground 0. + Sea level 241 ft
North side - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.10			3.50	2.30	4.10	3.10	4.80	4.40	5.40	
February - -	3.50			1.00	4.20	5.10	2.40	1.10	2.80	2.70	
March - - -	2.20			1.00	2.10	1.80	3.80	4.10	1.60	1.30	
April - - -	1.50			1.80	1.20	.50	1.50	4.30	3.90	1.50	
May - - - -	1.00			1.80	2.20	2.00	.90	3.70	2.20	1.00	
June - - - -	6.30			3.40	1.50	.20	1.60	1.20	.60	3.00	
July - - - -	3.00			1.10	1.00	2.20	1.80	5.00	.20	.75	
August - - -	4.30			3.00	.40	3.50	3.30	3.40	4.30	1.10	
September -				2.40	3.70	.40	3.50	2.60	4.60	4.50	
October - - -				3.70	6.30	6.50	3.00	3.80	2.50	4.50	
November -				2.20	4.50	3.50	2.50	.40	2.20	1.10	
December -				1.80	5.70	2.60	3.20	2.90	8.50	3.20	
TOTALS -				26.70	35.10	32.40	30.60	37.30	37.80	30.05	

VC

C

C

C

C

C

C

C

Balnakelke

2 m. NW of Fettercoun

Kincardine.

David Scott Esqr

Mps. vol. N^o. 83

Diam 6 in + ground 0th 3ⁱⁿ + Sea Level 450 ft? 6
 north brk - 1.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	4.12	2.31	5.85	4.00							
February - -	2.44	2.76	1.95	.37							
March - - -	2.95	2.50	3.92	1.48							
April - - -	1.65	.80	1.44	2.33							
May - - - -	1.35	3.53	3.46	1.02							
June - - - -	6.38	2.50	4.42	3.69							
July - - - -	2.75	3.77	2.40	1.19							
August - - -	4.83	6.59	3.22	4.05							
September -	.73	5.14	2.92	3.32							
October - -	3.20	4.15	3.30	3.56							
November -	6.35	7.33	1.07	2.50							
December -	6.06	3.10	3.78	2.00	*						
TOTALS -	42.81	44.58	37.73	30.31							

✓ c ✓ c ✓ c ✓ c

Strachan
By Banchoory
Mr. A Mc Connachie Schoolmaster

Kincardine.

see-3. + Ground 18 in + Sea Level 200

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.50	1.12	5.00	3.50	1.80	4.12					
February- -	2.20	2.47	2.33	.30	3.20	2.00					
March - - -	2.80	2.65	2.72	2.15	2.06	2.75					
April - - -	1.56	1.42	.80	1.65	1.25	.50 #					
May - - - -	1.57	2.93	3.50	1.80	2.00						
June- - - -	4.34	2.51	4.35	2.70	1.14						
July - - - -	2.66	2.24	1.58	.60	2.37						
August- - -	5.03	5.03	2.95	3.53	1.10						
September -	.96	4.10	2.60	2.70	3.66						
October - -	1.85	2.20	3.86	3.58	2.75						
November -	5.76	2.00	1.30	1.70	7.40						
December -	5.85	2.76	2.40	2.70	4.60						
TOTALS -	38.16	31.43	33.39	26.93	33.33						

✓ e c ✓ e e c

Banchory House

by Aberdeen.

S. J.

Kincardine.

Alced. Thompson

8 Mpt. Rept. No. 80.
6 61 64 65

94 66
96 1/2 = 64 65
99 62

Diam 6 in + Ground 4 in + Sea Level 95 feet 61
Dec-3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.20	1.50	4.10	3.20	1.30	3.50	2.80	4.90	3.10		
February - -	2.50	1.30	1.50	.10	4.10	4.60	2.80	1.70	1.90		
March - -	2.30	3.50	2.50	2.10	2.00	2.60	3.80	2.60	2.30		
April - -	1.50	.00	.80	1.10	.70	.30	1.60	4.00	3.00		
May - - -	1.10	.70	3.50	.90	1.30	2.20	1.30	3.20	1.40		
June - - -	3.40	3.20	2.50	1.80	.50	.50	1.50	1.10	.40		
July - - -	.70	2.70	1.80	.30	1.10	2.50	3.10	3.40	.30		
August - -	2.90	3.60	1.90	4.20	.30	4.10	3.60	3.20	8.00		
September -	1.00	4.30	1.30	1.10	2.80	.30	3.30	2.40	4.80		
October - -	2.60	1.60	2.70	2.80	5.00	4.50	3.00	2.80	2.50		
November -	5.50	4.30	1.10	.90	4.30	4.40	2.40	1.10			
December -	6.20	2.30	2.80	2.70	2.70	2.90	4.10	3.00			
TOTALS -	33.90	29.80	26.50	21.20	26.10	32.40	32.50	33.40			

✓ ✓ ✓ C ✓ C C C C C

Girdleness

Lat 57. 8.15 Lon 2.3.2

Kincardine.

Aberdeen

+ Ground 4 ft 7

+ Sea Level 85?

Berrie - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.27	.96	3.19	2.51	1.28	1.40	1.53	3.27	2.06	3.32	2.287
February - -	.57	1.15	1.00	.30	1.34	2.05	2.45	1.03	1.32	.96	1.217 -
March - - -	1.46	1.60	1.91	1.66	2.35	1.39	1.76	1.47	1.75	.84	1.619
April - - -	.91	1.04	.95	.77	.89	.46	1.01	3.24	1.76	2.25	1.328
May - - - -	.94	.85	4.34	.95	1.49	1.90	1.20	2.20	.67	1.37	1.591
June - - - -	2.93	1.81	2.37	1.68	.91	.43	.92	1.34	.31	1.78	1.448
July - - - -	.52	1.63	1.99	.38	1.82	1.54	2.74	2.69	.56	.30	1.417
August - - -	2.47	4.12	1.92	3.24	.94	2.74	1.92	2.74	5.10	1.07	2.626 +
September -	.82	3.40	1.75	2.36	2.24	.63	2.73	2.13	2.78	4.82	2.366
October - -	2.27	.84	2.47	2.46	3.78	2.12	1.80	1.53	1.67	5.52	2.446
November -	3.33	3.77	1.37	1.31	2.69	3.58	2.06	.62	.56	1.22	2.051
December -	2.86	1.31	2.28	2.52	2.91	1.30	2.38	1.64	4.64	1.38	2.322
TOTALS -	22.35	22.48	25.54	20.14	22.64	19.62	22.50	23.90	23.18	24.83	22.718

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