

Kingdoms, 4 m below Perth  
On the banks of the Tay,  
E of

Y<sup>2</sup>

10

Perth.

Obs. Rev: R. Gordon  
Mps. Ret. No. 86

6<sup>th</sup> + 7<sup>th</sup>  
Tay, L. bank - 16.

185 ft + S L

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -		1.45	.72					1.40	2.06	3.37	
February - -		2.63	2.16					1.60	1.22	2.19	
March - - -		.90	.86					.96	2.20	.76	
April - - -		1.91	1.38					.60	2.46	4.17	
May - - - -		3.12						3.05	2.79	1.24	
June - - - -		2.20	2.89					4.35	1.73	2.62	
July - - - -		2.86						3.20	3.90	1.26	
August - - -		2.71						5.28	.69	1.31	
September -		1.78						.90	2.66	1.52	
October - -		4.41						1.47	1.96	4.02	
November -		2.97						2.71	3.05	1.52	
December -		1.80	.65					2.41	1.80	1.65	
TOTALS -		28.74						28.57	27.40	25.63	

9 Ed Phil. Jour 6-21

"On the South side of a hill 400 feet high." Ed: Phil. Journal

7-9 Blackwood

Vol. II p. 369

Gauge No 1. On a small detached hill 600 ft above sea level. 1825-1826  
2. Centre of garden. 20 ft above sea level. 1826-1827  
3. Kingdoms. 12 ft above sea level. 1827-1828  
The records are mounted in a book which will be 1829 - in 1830 and  
1831. It will be seen that the gauge agrees with the  
Register Book but the latter does not. The Register Book  
no information as to the gauge. Does not suggest

# RAINFALL AT

*Yr 13*  
*Kinfauns Castle*

10

*Persh.*

Observer

Rain

By.....

*Gauge on Tower*

Gauge

Diameter.....in.

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

Above Mean Sea Level *129* ft.

*Lay. L. bank - 16.*

YEAR.....	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	1.45	.72	1.05	.60	.70	1.52	1.42	2.45	2.49	
February.....	2.63	2.16	2.66	.63	1.50	.60	1.50	.86	1.40	
March.....	.90	.86	.41	.85	1.50	1.00	.90	1.62	.80	
April.....	1.91	1.38	.73	1.75	1.04	.76	.40	1.03	3.45	
May.....	3.12	1.41	3.50	.75	2.22	1.80	2.80	1.67	.92	
June.....	2.20	2.89	1.07	.57	.71	1.16	4.08	1.34	1.96	
July.....	2.86	2.56	2.44	1.72	1.80	3.00	3.00	3.20	.95	
August.....	2.71	2.38	.63	2.60	1.52	2.80	4.00	.70	1.25	
September.....	1.75	1.06	1.72	.57	1.69	2.27	.77	1.99	1.30	
October.....	4.41	3.18	1.70	1.02	2.42	1.55	1.05	1.40	3.88	
November.....	2.97	3.50	1.47	2.30	1.25	1.50	2.30	2.22	1.50	
December.....	1.30	.65	.75	2.23	1.35	1.65	1.34	1.41	1.32	
TOTALS.....	28.74	22.75	17.33	15.59	17.70	19.61	23.56	19.89	21.22	

*From Original Register Book returned.*

*The Printed Cards for 1814 & 1817 give the following*

	1814	1817
<i>Gauge No 1 On a conical detached hill 600 ft above sea</i>	33.84	44.40
<i>2 Centre of Garden</i>	20.05	31.01
<i>3 Kinfauns Castle</i>	15.59	23.56

*The cards give monthly totals which add to 15.59 in in 1814 and 31.01 in in 1817. It will be seen that 1814 agrees with the Register Book but 1817 does not. The Register Book gives no information as to the gauge & does not suggest any change*

# RAINFALL AT

*Kimfauns Castle*

10

Peth.

Rain By .....

Gauge Diameter.....in.

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

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

Loc. L. bank. 16. Castle Tower

Garden

YEAR .....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January .....		1.45	.72	1.05	.60			1.75		4.20	
February .....		2.63	2.16	2.66	.63			1.90		2.45	
March .....		.90	.86	.41	.85			1.10		1.10	
April .....		1.91	1.38	.73	1.75			.50		4.50	
May .....		3.12	1.41	2.50	.75			3.10		1.15	
June .....		2.20	2.89	1.07	.57			4.80		2.35	
July .....		2.86	2.56	2.44	1.72			3.85		1.20	
August .....		2.71	2.38	.63	2.60			5.25		1.40	
September ...		1.78	1.06	1.72	.57			.85		1.70	
October .....		4.41	3.18	1.70	1.02			1.55		4.20	
November ...		2.97	3.56	1.47	2.30			2.70		1.80	
December .....		1.80	.65	.95	2.23			3.66		2.55	
TOTALS.....		28.74	22.75	17.33	15.59	24.20	24.95	31.01	28.07	28.60	

Totals 1815-19 from Total book

In 1814 3 gauges were in use

1814 1817

No 1 On a conical hill 600 feet above sea 33.84 in. 44.40 in.

2 Centre of garden 20 " " 20.05 " 31.01 "

3 Kimfauns Castle 129 " " 15.59 " 23.56 "

1819 (monthly totals) Recd. from Mr R. C. Mossman and entered 30.X.1909.



*Kingsmins*

*Perth*

*Mr. Gordon*

*Y392*

*+ 9d 5ft*

*+ Sea Level 105 ft*

*July, L. bank - 16.*

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.32		.85	3.26	.97	2.10					
February - -	1.20	.42	2.57	4.45	1.76	1.50					
March - - -	.33	2.96	3.43	.99	.85	.60					
April - - -	.69	3.55	1.84	.60	.21	2.20					
May - - -	5.45	1.54	1.22	2.97	.49	2.14					
June - - -	1.75	.65	.50	2.22	1.99	2.10					
July - - -	1.64	1.57	5.59	5.19	1.09	.23					
August - -	2.23	1.42	3.49	3.94	2.19	1.40					
September -	.97	1.80	.44	2.60	3.12	2.50					
October - -	2.29	1.57	2.71	3.95	4.30	1.80					
November -	1.66	5.59	3.21	1.13	4.65						
December -	2.16	4.38	1.28	4.43	2.85						
TOTALS -	21.69		27.13	35.73	24.47						

*1820 - 26 - Belachford*

*1820 0-5: Ed. Giffen's May*

*1821 29*

*1822 20-12*

*1823 26-31*

*1824 20-12*

*1825 23-25*

*1826 19-20*

*1827 25-26*

*1828 29-30*

*1829 30-31*

*25-26*

Boingfall at Kirfauns Castle

S. V.

Perth.

Lat. 56.23.30N

Observer R. Hon. Lord Gray

Authority

Y 393

Centre of the Kirfauns Garden

Day, L. bank - 16.

In a Garden 20 ft above S.L.

YEAR --	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January --	2.30		.95	3.50	1.35	1.45		2.50	3.40	5.00	
February --	1.40		3.20	3.50	1.45	.95		1.90	3.30	2.00	
March --	.50		3.40	1.30	1.05	1.20		2.70	1.00	1.50	
April --	.90		1.64	1.00	1.00	2.40		3.70	2.80	3.00	
May --	5.20		1.30	2.20	.40	2.60		3.20	2.75	1.70	
June --	1.60		.50	1.00	1.75	2.50		1.50	1.90	1.00	
July --	1.00		4.00	6.35	1.80	.30		2.90	2.50	5.85	
August --	2.20		3.50	3.50	1.70	2.00		2.70	4.50	5.40	
September --	1.20		1.00	1.65	2.20	2.35		1.50	1.50	2.75	
October --	2.50		4.10	3.55	4.00	2.15		5.70	2.00	2.50	
November --	1.70		3.20	1.45	4.40	2.80		2.20	5.00	2.80	
December --	2.20		1.01	4.45	2.90	3.20		4.40	3.00	1.30	
TOTALS --	23.50	21.18	27.80	33.45	24.80	23.90	19.35	34.90	33.65	35.60	27.733

Fall on the Tower

above S.L.

1820 18.5 = 129 ft

1821 29.\*

1822 \* 20.12 \* Given as 20.22 in MS.

1823 26.31

1824 20.18 = 150 ft

1825 23.45 = 140 ft

1826 19.80

1827 35.40 =

1828 34.40 = 140 ft

1829 36.00 = 100 ft

263.36

1820 Ed. New Phil Journ

1828 Ed. Journal of Science

48.5 Ed. New Phil Journ

7 Ed. New Phil Journ

7 Ed. New Phil Journ

\*

1821

J. 3.20

2 .60

M 3.50

A 3.35

M 1.70

J .50

J 1.10

A 1.15

S 2.10

O 1.75

N 5.25

N 4.80

Yr 29.00

from Luke Howard MS (Wharfedale 116)

Risingall at Kinfauns Castle

S. W.

Perth.

Observer -

Authority

Y 393

Jay, Rank - 16. In the Garden.

20 ft. above Sea Level

YEAR --	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January --	2.00	1.45	.85	.50	4.50	1.55	3.40	1.70	1.45	1.35	
February --	2.00	2.90	1.20	4.50	1.50	2.15	1.60	3.40	.86	1.56	
March --	1.20	3.20	1.60	2.00	1.40	2.00	4.35	.95	2.04	2.55	
April ---	2.90	1.40	2.20	2.50	.90	.50	1.50	2.35	1.35	1.08	
May ----	3.70	1.70	1.49	1.40	1.25	2.90	.88	1.85	3.15	.90	
June ----	2.50	2.30	2.96	4.50	2.25	.80	3.30	2.45	5.82	2.80	
July ----	5.20	1.65	1.20	4.30	1.65	1.20	3.65	5.20	3.24	4.27	
August --	5.00	2.45	3.00	1.90	1.55	3.65	1.65	2.80	3.52	1.68	
September -	5.00	2.20	2.20	3.20	3.25	4.15	4.05	1.33	3.42	5.85	
October --	.35	5.00	4.25	2.65	1.60	2.30	3.60	2.05	1.84	3.10	
November -	3.00	2.00	2.40	2.00	2.70	2.80	3.50	1.55	2.65	3.41	
December -	4.00	2.80	2.90	3.60	.75	1.60	2.40	2.17	1.26	3.68	
TOTALS -	36.85	29.05	26.25	33.05	23.10	25.60	33.88	27.80	30.60	32.23	

On The Tower - Above S.L.

1830	36.85	at 180 ft	C
1	28.95	at 180 ft	
2	26.15	at 180 ft	C
3	33.65	at 180 ft	C
4	23.25	at 180 ft	C
5	25.75	at 180 ft	C
6	33.17	at 180 ft	C
7	27.49	at 180 ft	C
8	30.93	at 180 ft	C
9	32.71	at 180 ft	C

30 Ed Phil Journal  
 32-9 Ed Phil Journal  
 4-9 Stat Acc't.

All the above values correspond with a set of the annual printed cards received from Kinfauns Castle in 1896



Rainfall at Kinfauns

S-X 40  
Perth.

Observer -

Authority

Centre of Kinfauns Garden

Gauge

Above Sea Level 20ft.

Day, L. bank - 16.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	3.96	2.30	2.41								
February - -	2.12	1.85	1.91								
March - - -	.25	1.55	2.67	1.35							
April - - -	.14	1.38	.00								
May - - - -	2.85	1.56	2.10								
June - - - -	1.60	1.91	1.33	2.10							
July - - - -	4.45	3.96	2.89	3.09							
August - - -	1.98	4.76	1.80								
September -	2.23	2.65	1.42								
October - - -	2.97	4.66	.85								
November -	2.17	2.12	2.70								
December -	.45	2.40	2.94								
TOTALS -	25.17	31.10	23.10								

6 6 8 C

On the Square Tower

402 Ed Phil Jour  
" " Stat Ass't of S

1840 at 100 ft above S.L. = 25.22 C 3 ? Ed Phil Jour 4-72

1 at 100 ft " " = 30.89 C

2 at 100 ft " " = 2.22

# RAINFALL AT Kinfauns Castle

Lat.  $56^{\circ} 23' 30''$  N

Lon.  $3^{\circ} 22' 14''$  W

County of Perth

Rain Gauge, by

Observer Lt-Col. F.J. Stuart Gray

Day, L. bank - 16.

Diameter . . . .						5						
Height . . . . .						16. 0						
Altitude . . . .						150						
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . . .							.86	1.34	1.01	3.69		
February . . . .							.72	1.01	.61	2.13		
March . . . . .							1.35	3.03	.34	1.97		
April . . . . .							.94	1.37	3.51	2.59		
May . . . . .							.41	1.42	2.75	3.72		
June . . . . .							2.57	3.98	1.57	1.76		
July . . . . .							3.66	1.00	1.00	3.12		
August . . . . .						6.75	2.38	2.17	2.85	1.06		
September . . . .						.85	4.24	1.55	2.31	3.47		
October . . . . .						1.89	3.03	1.81	5.58	1.27		
November . . . .						3.28	.69	1.71	4.26	2.77		
December . . . .						3.16	4.31	3.19	2.46	3.65		
TOTALS . . . .							25.16	23.58	28.25	31.20		

Kinfauns Church 1 Mile E  
Corner of Castle 40 ft high 20 ft N