

Rainfall

Torres

John M<sup>c</sup> Farlanem<sup>o</sup> rray.  
Ms return 57

+ Ground 0 0 + S.L. 53 ft.

Sandham - 5.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --		2.00	1.77	4.82	.71	4.48					
February -		1.10	1.67	.86	2.58	3.80					
March - -	2.63	1.97	2.60	1.02	3.34	1.82					
April - - -	.86	1.26	1.05	3.14	1.37	1.15					
May - - - -	1.88	2.10	3.70	1.66	3.14	2.20					
June - - - -	2.28	1.44	3.58	2.36	2.40	.50					
July - - - -	1.58	4.32	3.19	.44	2.58	4.60					
August - - -	3.45	5.11	3.30	5.14	1.52	3.13					
September -	1.56	5.76	2.02	4.08	3.00	.62					
October - -	3.84	1.74	3.21	2.13	5.92	2.98					
November -	1.30	7.25	2.37	1.63	3.62	2.61					
December -	2.02	.59	2.02	4.20	2.30	1.62					
TOTALS -	34.64	30.48	31.48	32.48	29.51						

Until October 31-1861 the rain gauge was 25 ft + 5 c. and it  
was noted by Mr Bonthrone see Myrt. No 57.

RAINFALL AT Forres BalnafferryLat. .... Lon. .... County of Elgin .....

Rain Gauge, by

Observer ScottemoreFindhorn &c - 5.

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ..											
Altitude ..											
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..					.85	1.40	.85				
February ..					2.40	2.35	3.05				
March ..					.50	4.05	2.70				
April ..					1.10	2.50	1.95				
May ..					2.00	1.72	3.65				
June ..					1.30	.25	1.20				
July ..					.25	2.40	1.65				
August ..					2.40	2.10	3.60				
September ..					2.10	2.30	1.79				
October ..					1.70	4.65	3.40				
November ..					1.68	4.35	5.98				
December ..					1.95	.80	1.86				
TOTALS ..					18.23	28.87	31.68				

1904-1906 from P.B. recd 1907 Ent'd 26.XI.08

See next sheet.

## RAINFALL AT

Forres,

H.

Balnaferry

Lat.

Lon.

County of

D. Elgin.Rain Gauge, by  
Lindholm & C. 5.

Observer

W Fraser Proscutting

Diameter ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height .....											
Altitude ...											
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ...											2.22
February ...											1.15
March .....											3.75
April .....											1.70
May .....											2.05
June.....											1.18
July .....											3.38
August.....											1.70
September ..											1.40
October ...											3.70
November ..											2.30
December ...											2.28
TOTALS ...											1995? 26.81

1909.

Forres Church

1½ mile NE

" Station

1¼ mile NE.

RAINFALL at Tones, Knockannie.County of Moray.Observer W. Fraser, Esq.River Basin Findhorn &c. 5.S.M.S.

Rain Gauge, by \_\_\_\_\_

Diameter ...	6	10	100							MEANS.
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
January ...					2.06	1.88	2.65	1.90	2.15	2.00
February ...					1.25	1.32	3.10	1.65	2.05	1.22
March .....					2.45	3.30	1.70	1.10	.75	1.30
April .....					.48	2.00	2.05	1.70	1.65	2.90
May .....					3.35	1.25	4.06	1.05	1.70	(.25)
June.....					.80	.35	7.20	3.14	2.30	1.60
July .....					3.10	4.10	3.10	1.10	5.35	1.20
August.....					2.52	1.70	1.45	4.09	2.45	2.00
September ..					1.52	5.00	1.00	1.65	3.60	3.00
October ...					1.37	.75	4.05	4.40	2.25	3.50
November..					4.48	2.15	1.15	5.10	1.40	5.10
December...					2.65	3.05	1.75	1.75	3.05	1.95
TOTALS ...					26.00	26.85	33.26	27.63	28.70	26.02
										11561

May 1919 interpolated value supplied by Mr. Edinburgh. 11/12/33

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Tones.	1 m	N			

RAINFALL at Forres, BalnaferryCounty of ElginObserver W. Fraser Esq.River Basin Findhorn &c. 5Scotch Meteorological Soc 1913

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1	0									
Altitude ...	50	65									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.60	.50	.90	.55							
February ...	1.12	1.65	1.05	1.92							
March .....	.90	1.08	.90	2.32							
April .....	5.05	1.35	1.10	1.20							
May .....	1.25	2.00	2.40	1.05							
June.....	1.60	2.70	3.55	3.03							
July .....	2.70	2.60	1.30	1.05							
August.....	3.95	.55	4.10	1.00							
September ..	1.15	1.10	1.05	2.65							
October ...	1.70	2.14	1.75	.85							
November ..	3.50	6.35	2.70	1.07							
December ...	2.00	2.05	2.05	2.30							
TOTALS ...	28.52	24.07	22.85	18.99							

N.B. Annual values rejected from Survey Map, 1929

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Torres, DumduanCounty of MorayObserver Hackinon of Hackinon.River Basin Feshorn & B.s.s.Rain Gauge, by Theophilus Lamba

Diameter .....										5
Height .....										0.9
Altitude .....										120
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January .....										·68
February .....										·42
March .....										·25
April .....										2.05
May .....										2.15
June .....	L. from Ballindalloch House - Inverness - 5.									2.43
July .....										2.58
August .....										3.81
September .....										1.65
October .....										2.97
November .....										1.69
December .....										1.77
TOTALS .....										22.45
										28.22

1929. Shrubbs 10' high, 40' E.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1929			Torres.	1 1/2 m.	W.	Torres.	1 m.	N.W.

RAINFALL at Forres, KnockomieCounty of Moray Observer Mr. Fraser Esq.River Basin Lindhorn & C. S.

Rain Gauge, by \_\_\_\_\_

5685(~)

Diameter ...	6		5								
Height .....	0.10	1	0.10								
Altitude ...	100	93	100			93	100				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.50	2.30	1.80	2.70	1.50	2.73	1.60	2.32	2.75	.68	1.19
February ...	2.40	1.00	2.20	1.90	1.25	3.75	1.95	1.15	1.64	.42	.90
March .....	2.30	1.35	2.45	1.50	1.10	2.15	1.95	1.76	1.63	.25	1.06
April .....	2.10	.40	3.10	1.80	.35	1.72	1.65	2.95	.40	2.05	.99
May .....	1.75	3.10	2.00	3.65	3.70	1.85	2.22	3.15	1.72	2.15	.81
June .....	.65	1.10	1.12	1.25	2.60	.89	2.75	3.47	3.40	2.43	1.47
July .....	2.60	1.80	3.80	2.50	3.60	2.73	1.72	2.56	1.85	2.58	3.11
August .....	2.20	2.70	3.00	5.05	5.10	.86	1.66	1.85	3.20	3.81	4.41
September...	3.40	1.40	2.25	2.40	4.00	4.27	2.30	6.10	2.35	1.65	3.39
October.....	.85	2.25	1.20	3.10	3.70	1.92	3.55	4.05	2.60	2.97	4.49
November...	1.20	1.00	2.10	3.05	1.00	1.07	2.15	3.17	3.31	1.69	4.60
December...	1.05	3.70	1.70	1.85	.95	2.32	1.42	1.25	2.70	1.77	1.80
TOTALS...	23.00	22.10	26.42	29.75	28.85	25.75	23.92	33.78	27.55	2245 <sup>f</sup> NR	2822 NR

1927 and 1928 late/sap.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
			Forres	1 mi	N	Forres	

## RAINFALL at Jones (Brenduan)

County of Moray (Elgin)

Observer The Mackenon of Mackenon

River Basin Sutherland &amp;c.

Type of Gauge.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter	5											
Height	0.9			3.0								
Altitude	120											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.14	2.33	1.40	1.25	1.72	2.48	2.20	2.25	2.88	1.01	2166	
February	1.86	1.46	2.82	.73	1.75	1.00	1.95	.94	1.10	.61	1322	
March	1.25	3.53	0.50	2.40	1.46	.73	1.92	.78	2.06	3.03	1766	
April	2.49	3.48	2.12	0.71	3.41	.76	.35	.50	1.17	1.25	1924	
May	2.45	2.41	0.79	2.29	1.83	1.05	1.11	2.37	.79	1.59	1718	
June	2.95	2.26	2.14	1.48	2.32	1.86	2.71	3.31	1.62	1.33	1998	
July	5.55	3.44	3.46	3.74	1.72	5.38	3.33	4.02	5.22	9.08	4493	
August	2.10	2.36	2.05	2.13	2.87	2.99	2.72	2.38	2.45	1.36	2341	
September	1.98	3.79	1.03	.98	4.81	2.16	1.59	3.19	1.21	2.05	2279	
October	2.50	5.50	4.61	3.06	4.57	2.08	2.40	3.78	1.93	2.75	3318	
November	1.91	2.97	1.32	1.16	2.25	1.18	.87	2.46	2.32	4.26	2070	
December	1.53	1.34	0.46	1.75	1.79	1.80	1.66	1.22	2.27	2.34	1616	
TOTALS	30.01	31.87	22.69	24.68	30.50	24.47	22.81	27.40	26.02	30.65	27011	
	D	D	D	D	D	D	D	D	D	D	D	

1931. House - 40's.

1934. Building 10' high 30'E

1937. Rose bushes 2' high S yds N.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931.			Jones	1/2m	W	Jones	1m

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at Dunduan GardensCounty of MorayObserver Geo. Dykes, Esq.River Basin S. Lossie + c.

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

c. 1932

Diameter	8										
Height	5.0										
Altitude	50										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.25	1.29	1.21	1.66	3.45	2.25	2.37	2.96	.80		
February	1.49	2.79	.79	1.72	1.08	2.05	.90	1.09	.64		
March	3.48	0.53	2.50	1.47	.77	1.92	.63	1.97	2.93		
April	3.49	2.16	3.60	3.31	.76	1.45	.46	1.06	1.44		
May	2.63	0.78	2.16	1.78	1.07	1.13	2.47	.76	1.59		
June	.24	2.14	1.46	2.28	1.88	2.71	3.33	1.54	1.26		
July	3.44	3.43	3.67	1.67	5.39	3.32	4.03	5.41	3.65		
August	2.36	2.08	2.11	2.87	2.95	2.75	2.39	2.45	1.42		
September	3.80	1.04	.95	4.60	3.16	1.62	3.14	1.09	2.00		
October	5.21	4.70	3.08	4.41	2.22	2.29	3.50	2.11	2.73		
November	2.93	1.27	1.11	2.09	1.20	.87	2.44	2.27	4.24		
December	1.36	0.44	1.65	1.97	1.88	1.62	1.18	2.18	2.48		
TOTALS	31.68	22.64	24.29	29.83	24.81	22.98	26.84	24.89	30.18		
	D	D	D	D	D	D	D	D	D	D	

1932. Lat. N. 56° Long. 84° W.

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1932.			Forth	1 m.	N.W.	Forth	2 m.	N.W.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 5683

## RAINFALL at Fettes (Drumduan)

41

County of Moray (Elgin) Observer The Mackintosh of Mackintosh (and Feb. 1947)

River Basin 5 - Findhorn &amp; C. Miss A. Mackintosh of Mackintosh

Type of Gauge

Annual Average 26.5 in. based on 11 years obs. un-weighted. Period of average 1881-1915

Ref. S

27.20 - 35 - 1916-1950

1916-1950

P

File No.

Diameter	5"				8' 11	2' 11					
Height	3' 0"		1' 0	2' 6"		1					
Altitude	120'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.45	2.54	1.08	2.59	3.51	0.47	1.35	1.91	2.65	1.78	1.93
February	2.84	1.78	1.80	1.79	1.45	2.12	0.88	1.65	1.30	1.91	1.75
March	1.66	0.47	1.16	1.11	0.83	0.82	2.02	0.89	2.15	1.65	1.27
April	1.14	0.76	1.38	1.63	1.38	1.04	1.65	1.65	1.69	2.65	1.49
May	3.08	2.40	3.11	1.57	3.51	1.76	1.53	2.16	2.46	1.66	2.32
June	0.50	0.71	1.71	3.01	2.87	1.87	3.57	5.16	1.28	2.11	2.27
July	3.63	3.01	1.78	1.12	2.23	5.86	2.12	2.71	1.63	2.02	2.61
August	6.50	3.05	4.00	1.98	(4.95)	3.13	2.22	6.66	4.85	1.99	3.73
September	9.4	3.03	2.85	3.08	2.05	3.14	3.25	2.21	1.83	4.33	2.67
October	4.31	4.26	2.65	3.31	4.14	0.21	1.16	3.12	2.18	0.90	2.62
November	2.63	0.98	2.18	3.43	0.39	2.76	4.05	1.92	3.13	3.49	2.49
December	1.62	2.57	0.48	2.85	3.61	1.39	1.45	2.12	4.03	2.23	2.25
TOTALS	30.30	25.56	24.18	27.47	30.92	24.57	23.25	32.22	29.18	26.72	27.437

1943 Rose bushes 3 ft high 10' away.

1945 Aug past est'd. Laburnum tree 12' high 30° E.

1950 Aug 18th corr. to agree with 5683/1 and total

00204

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No. ....

1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Fettes	1 mi $\frac{1}{4}$	W.	Fettes	1 mi	W.

Station No.

5683/1

## RAINFALL at Forres (Dundee Glse)

41

County of Moray

Observer Mr G. Dykes

River Basin 5 - Lossie &amp; C

Type of Gauge

Annual Average 26.4 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	8"										
Height	5' 0"										
Altitude	50'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.29	2.66									
February	2.63	1.90									
March	1.78	.81									
April	1.15	#									
May	2.96										
June	4.8										
July	3.35										
August	6.34										
September	.89										
October	4.28										
November	2.44										
December	1.86										
TOTALS	29.45	inches									

1941 Trees 40' high 84° W.

to 5683/1

1942 Gauge moved 12/4/43 1/4 ml. W. new site 100' higher than old one.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Forres	1/2 ml	W	Forres	1 ml	W.

Station No. 5683/1  
~~(Gardens West Lodge)~~

41

## RAINFALL at Fones, (Drumduan, West Lodge).

County of Inverary Observer M<sup>5</sup> G. Dyer

River Basin 5 Lassie &amp; C.

Type of Gauge.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. ....

Diameter	8	811	215								
Height	1 0		1								
Altitude	1507		41								
Year	1941	1942'	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	-100	0.99	2.50	2.96	0.53	1.30	1.89			1.65	
February		1.70	1.69	1.12	1.93	0.85	1.58			1.68	
March		1.14	1.31	0.62	0.80	1.75	0.91			1.50	
April	-100	1.22	1.57	1.10	1.03	1.23	1.72			2.55	
May	2.40	2.87	1.73	3.24	1.64	1.45	2.22			1.41	
June	0.86	1.67	2.91	2.84	2.03	3.54	5.13			1.99	
July	2.88	1.77	1.08	2.24	5.74	2.12	2.82			1.94	
August	3.01	4.01	1.87	5.30	2.88	0.20	6.69			1.90	
September	2.99	2.80	3.30	2.05	3.12	3.09	2.20			3.74	
October	4.25	2.63	3.24	3.94	0.24	1.18	3.04			.90	
November	.90	2.29	3.32	0.40	2.76	4.04	1.75			2.89	
December	2.06	.50	2.88	3.27	1.36	1.42	2.07			1.89	
<b>TOTALS</b>		23.59	27.40	29.08	24.06	22.17	32.02	N.R	24.07		
	up to 1942 up to 1946										

1942 up to 1946. Gauge moved to west from 5683/1

1946. Trees 3' high 85m

1947. Name of station changed back to "West Lodge".

1949. No records kept.

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No. ....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge.
1942			Fones	1 1/4 m	W	Fones	1 1/4 m	W

Station No. 5685/1/1

51

RAINFALL at Forres (Drumduan, West Lodge)County of Moray <sup>5 miles N.E.</sup> Observer Mr. G. SykesRiver Basin. Tessie & 6 - 5

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

File No.....

Diameter ...	8"			811	215						
Height ...	1' 0"					1					
Altitude ...	150					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.13										
February	1.84										
March	2.03										
April	3.36										
May	.40										
June	1.97										
July	2.98										
August	3.44										
September	.43										
October	1.71										
November	3.96										
December	2.14										
TOTALS	26.39										
	<del>a</del>										

1951 Trees 50' 120' W:

MOE 38-044586  
1/13

Position of Station on Ordnance One-Inch map :			No. of Map.....	National Grid Reference N(58) 046576			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Forres	1 mile	W	Forres	3/4 mi W

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C min 1942 -48.50 v	