

RAINFALL AT Forfar W.W. Den of Ogil - Glen Ogil Res.

Lat.

Lon.

County of Forfar

Rain Gauge, by Baird & Tatlock Observer J. Watson Franks Esq. M.A. M.R.C.P. F.R.S.

S. Sect - 3.

Diameter ...										12	
Height										26	
Altitude ...										633 ft	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										2.64	2.79
February ...										1.57	1.01
March										1.34	4.51
April										3.32	.94
May										5.15	1.71
June.....										6.16	1.03
July										2.06	1.29
August.....										3.58	2.76
September ..										1.30	6.20
October ...										4.45	3.84
November ..										2.24	2.10
December...										4.10	4.21
TOTALS ...										57.91	31.71
										27.80	

up

up D.

House does not mean enough to affect

9 miles from Forfar + in the hills some 4000 ft higher (67)

1908 Decr 3 inches added for hill

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

RAINFALL at

Forfar W.W., Den of Ogil

County of Forfar

Observer

J. Watson Braik Esq.

River Basin, South Esk &c. 3.

A. Watterson Esq. (1911)

Rain Gauge, by Baird & Tatlock

W. Campbell

Diameter ...	12	12x4											
Height	2	6	1	0	0	3							
Altitude ...	633 ft												
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		SUMS	MERAN.
												1910-1919	
January ...	2.38	1.63	4.02	5.30	1.86	4.05	2.94	2.31	1.31	3.32		9.88	
February ...	2.72	1.84	3.92	1.40	3.86	6.91	3.66	.97	2.93	1.97		9.53	
March	2.71	2.17	2.64	6.07	4.75	1.43	3.23	2.72	1.31	2.76		10.02	
April	2.37	1.84	1.19	3.23	.70	1.08	2.45	.85	.89	3.32		7.51	
May	1.90	2.27	1.57	6.61	2.22	1.28	4.93	2.80	3.73	1.53		12.99	
June	1.71	2.07	3.97	2.27	.93	.93	2.39	1.63	.76	1.31		6.09	
July	4.50	1.80	3.80	.71	2.83	3.71	7.38	1.77	6.46	.78		16.39	
August	7.17	2.04	5.31	1.70	3.13	2.80	3.60	10.45	3.51	2.96		20.52	
September ..	.93	1.04	2.21	4.03	1.07	1.53	1.69	1.90	3.53	1.59		8.71	
October ...	2.64	2.56	7.46	2.46	4.76	6.65	6.64	3.50	3.13	2.22		15.49	
November ..	3.68	5.10	3.72	2.23	5.29	2.82	6.75	3.20	2.50	4.88		17.33	
December ...	4.85	7.38	4.87	1.20	8.92	9.70	5.87	.74	2.20	7.22		16.03	
TOTALS ...	37.56	31.74	43.68	37.21	40.32	42.89	51.53	32.84	32.26	33.86		150.49	

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N.B. Annual values projected from Survey Map 1929.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	56°45'	2°55'	Justinhough	5 miles	N.	Tannadice	6 miles	NW.

RAINFALL at Forfar W.W. Den of Gil

County of Forfar

Observer A. Waterton Esq C.E.

W. Campbell 1922
a muller 1924

River Basin South Esk, G 3.

Burgh Surveyor Forfar

"Howard" Rain Gauge, by Baird, Latlock

1930. Alex. C. Miller Esq.,

"Howard" Rain Gauge, by Baird & Tatlock 1930 Alex. C. Miller Esq.,

1923 gauge read at noon

1925. Jan 4 Dec. corr'd by work stations.

1929. C. d. for W. A.

N.B. Annual values rejected from Survey leaf 1929.

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

Reference No.

Date.	Lat. N.	Long.W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	56° 45'	2° 55'	Justinkraugh	5 mi	N	Lannadice	6 mi	N.W.

RAINFALL at Forfar W.W. (Pen of Ogier)

County of Angus (Forfar)

Observer Alex C. Miller Esq.

River Basin E. South Esk &c.

Type of Gauge

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

Diameter	12x4										SUMS Means
Height	0.3	2 ¹ / ₂				3 ¹ / ₂					
Altitude	633										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	(3.68)	3.71	2.48	2.59	1.54	5.04	8.68	5.80	4.68	3.53	40.73
February	1.48	.18	(4.21)	.14	2.19	4.39	3.91	1.72	4.44	3.18	25.84
March	.83	3.61	3.01	4.17	1.88	3.18	4.69	.77	3.47	2.53	28.14
April	3.03	2.98	1.88	4.83	4.86	.84	2.21	.39	1.16	2.71	24.99
May	4.80	4.18	1.62	3.09	1.36	1.21	2.52	4.58	1.49	1.23	25.98
June	5.92	.76	1.61	.92	3.57	1.43	2.10	3.92	1.33	.23	21.79
July	4.12	4.61	4.62	3.45	1.43	4.09	6.40	8.23	4.83	5.57	47.35
August	2.23	1.26	1.80	3.83	1.62	1.17	3.82	(2.72)	2.62	.52	21.09
September	1.71	1.55	2.42	4.66	6.31	4.61	1.76	4.05	2.08	2.30	31.44
October	1.49	6.82	6.85	4.85	7.12	1.93	1.65	4.83	6.76	4.79	45.58
November	6.58	1.89	4.57	1.18	6.09	2.68	.60	5.41	6.76	7.48	43.24
December	2.06	5.07	2.80	8.95	3.43	2.95	5.36	4.46	2.48	2.67	39.73
TOTALS	37.93	36.62	(35.27)	42.66	41.40	33.52	43.69	46.88	42.09	35.74	395.80

1931. January adjusted for snowfall on Jan 30th.

1932. Feb. adjusted by surrounding stations for snowfall.

(1907-1927)

Annual Average 18.9" rejected from Survey as 2" too low.

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

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

Station No.

5604

41

RAINFALL at Fotfar W.W (Den. of Ogle)County of Angus (Fotfar) Observer Alex. C. Millar Esq.
River Basin 3 - South Esk & Co.

Type of Gauge.....

Annual Average 39.4 in. based on 8 years obs. un-weighted. Period of average 1881-1915. Ref. S.

File No.

Diameter	<u>12x4</u>				<u>856</u>	<u>347</u>					
Height	<u>3' 1"</u>					<u>1</u>					
Altitude	<u>633'</u>						<u>41</u>				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	4.61	<u>4.97</u>	5.64	2.82	<u>3.55</u>	3.01	5.30	6.05	2.28	<u>2.52</u>	40.75
February	5.78	<u>1.99</u>	2.21	1.13	<u>3.41</u>	1.74	(3.57)	4.19	2.34	<u>3.46</u>	29.82
March	1.90	<u>2.66</u>	0.74	0.79	<u>1.38</u>	2.83	3.01	1.14	1.93	<u>2.48</u>	18.86
April	2.97	<u>1.75</u>	1.72	2.83	<u>1.71</u>	0.38	4.30	1.43	3.06	<u>2.62</u>	22.77
May	2.59	<u>5.18</u>	4.58	2.56	<u>5.41</u>	2.29	5.16	4.72	2.16	<u>2.01</u>	36.66
June	1.05	<u>1.29</u>	3.30	3.21	<u>3.88</u>	5.59	3.34	3.79	1.78	<u>1.09</u>	28.32
July	3.41	<u>3.05</u>	1.61	3.24	<u>2.97</u>	6.45	3.46	3.83	1.75	<u>5.49</u>	35.29
August	3.68	<u>4.56</u>	5.59	1.53	<u>4.07</u>	6.37	0.05	7.15	2.80	<u>5.85</u>	41.55
September	1.27	<u>3.68</u>	3.74	3.10	<u>4.11</u>	7.20	3.62	3.53	1.46	<u>4.78</u>	39.49
October	5.54	<u>2.96</u>	4.50	6.14	<u>6.11</u>	0.49	2.79	4.36	4.62	<u>1.64</u>	39.16
November	6.88	<u>1.25</u>	2.07	5.27	<u>2.08</u>	9.61	<u>2.95</u>	1.92	4.93	<u>3.54</u>	40.50
December	1.88	<u>4.65</u>	1.90	2.46	<u>6.91</u>	4.63	<u>2.31</u>	(5.34)	3.50	<u>1.27</u>	34.25
TOTALS	41.46	<u>37.99</u>	37.61	35.11	<u>44.99</u>	50.59	<u>39.86</u>	47.45	32.61	<u>39.45</u>	407.42

1947 Feb. adj. for shds

20004 20004

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

Reference No. 37-439620

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

Station No. 5694

RAINFALL at Forfar 11.10 (Sea of Ogil) 11

County of Angus (Tyrone) Observer Alex C. Miller Esq.

River Basin.....South Fork #6-3

Type of Gauge B.A. Type (shallow funnel) 1954

Annual Average 29.6 in. based on 8 years obs. un-weighted. Period of average 1916-1950 Ref. S
29.67 - - 35 - - 1916-1950 File No. P

Diameter	12"	See notes	5"			856	347			
Height	3' 1"	notes	5"				1			
Altitude	633'	*					51			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	5.03	2.35	.92	2.36	1.69					
February	4.29	0.70	1.24	4.09	2.41					
March	2.17	5.41	0.70	2.99	1.36					
April	2.33	1.28	3.51	1.09	0.92					
May	1.84	3.34	2.15	5.65	1.99					
June	2.50	2.70	2.54	2.50	1.65					
July	3.81	2.67	4.21	2.84	1.06					
August	5.45	4.32	2.53	3.77	0.62					
September	2.95	1.19	3.25	3.40	1.60					
October	2.91	4.11	1.73	6.64	-100					
November	11.58	2.63	3.21	7.23	-100					
December	3.29	2.78	4.56	4.67	-100					
TOTALS	45.45	33.48	30.55	47.03	-100 loc. 64.18					

rank of gable end of the Hall with Kingwall (con 22/8/59)

11 December

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference No(37) 439.620

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓

856348

Station No. 5604/1

51

RAINFALL at Forfar W.W. (O.S. of 0901) §

County of Angus (Forfar)

Observer Alex. C. Miller Esq.

River Basin South Esk & C - 3

Type of Gauge M.O. MKII 5693/52

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

60-1

File No.

Diameter ...			5"			856	348				
Height ...			1' 0"					1			
Altitude ...					663'			51			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	-100			1.68	4.79	4.53	4.17	2.27			6 (6.11)
February ...		-		2.69	1.90	4.27	3.83	0.48			3.57
March ...			-	1.46	2.63	3.70	6.98	2.61			3.07
April ...				0.90	1.18	1.28	1.47	2.74			3.10
May ...				2.01	0.97	2.41	3.70	1.31			2.03
June ...				1.67	3.25	2.14	3.34	3.91			2.70
July ...				1.05	5.51	6.59	4.79	3.39			4.08
August ...	-100			0.63	6.46	4.84	3.87	1.05			5.09
September ...		-		3.40	1.63	4.84	2.95	3.87	0.73		2.32
October ...			-	6.70	2.20	2.52	1.96	2.50	3.23		10.44
November ...				7.16	2.64	0.99	1.94	1.19	7.60		4.74
December ...				4.71	6.95	5.19	5.50	5.55	7.59		2.38
TOTALS ...	-100			imp.	25.31	40.23	42.11	45.26	36.91	49.63	
	imp.			mp.	D	D	D	D	D	D	

Ins Nov 1956 G. Sward. T.W. in good order. Wall 30' 6" N.E., 15' high. 20' Tree 30' E.W.

Ins 2.7.59 G. Sward. O/S to SW where fur at elev 40°. Sat up between S Kingly W & NE. T.W. serves no useful purpose as g. is surrounded by trees on all sides elev 10° 15°

1960 Jam app. by M.O.E.

40004

§ Turf wall around gauge.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 37/439620...

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
		/				

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60