

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

Lat. _____

Lon. _____

County of ForfarRain Gauge, by Baird & TatlockObserver J. Watson Craig EsqS. Oak - 3.Gummental

Diameter ...								12			
Height								26			
Altitude ...								633 ft			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...								2.64	2.79	2.20	
February ...								1.57	1.01	.52	
March								1.34	4.51	3.58	
April								3.32	.94	3.68	
May								5.15	1.71	2.19	
June								6.16	1.03	1.54	
July								2.06	1.29	2.76	
August								3.58	2.08	.93	
September ..								1.30	6.20	.98	
October ...								4.45	3.84	4.02	
November ..								2.24	2.10	.20	
December ...								4.10	4.21	5.20	
TOTALS ...								37.91	31.71	27.80	

up

up D.

House & trees not near enough to affect
 9 miles from Forfar & in the hills some 400 ft higher (67)
 1908 Dec: Snicker added for hour

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

RAINFALL at

Forfar W.W., Den of Ogil

County of Forfar

Observer

J. Watson Craik Esq.

River Basin South Esk Hb. 3.

A. Watterston Esq. (1911)

W. Campbell

Rain Gauge, by Baird & Tatlock

Diameter ...	12	12x4										
Height	2	6	1	0	0	3						
Altitude ...	633	↑										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MEANS. 1910-1919	
January ...	2.38	1.63	4.02	5.20	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	.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	.98	16.39	
August	7.17	2.04	5.31	1.70	3.13	2.80	3.60	10.48	3.51	2.90	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	9.40	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	

D D D

D

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

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

RAINFALL at Lorpar R.R., Den of OgilCounty of LorparObserver A. Hatterston Esq. C.E.River Basin South Esk & C. 3.Brough Survey on Forfar"Howard" Rain Gauge, by Boind & Lock1930 also C. Miller Esq.

Diameter ...	12" x 4"			12" x 4"								
Height	0. 3			0. 3								
Altitude ...	633			632.92								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	SUMS
January ...	3.56	3.00	6.32	2.92	3.57	(2.36)	6.40	2.39	5.58	1.95	3.06	41.11
February ...	2.83	1.09	3.70	9.84	1.79	5.80	5.57	1.76	1.80	2.07	1.70	37.95
March	2.95	2.51	2.52	2.30	.94	1.52	2.20	3.70	5.70	.38	1.87	26.09
April	2.72	1.25	2.29	3.98	2.47	3.36	2.92	1.25	1.53	1.50	2.73	26.00
May	4.59	3.74	1.49	2.49	5.97	4.58	2.51	2.33	1.48	2.75	2.66	34.59
June	1.66	.51	1.76	1.19	2.58	.76	3.29	3.62	2.90	2.22	2.63	23.12
July	2.98	3.12	3.52	2.27	6.27	2.31	2.44	3.54	1.94	3.94	2.00	34.33
August	3.31	4.53	2.38	5.63	3.90	3.84	2.41	5.05	7.11	5.40	8.51	52.07
September...	2.73	1.54	3.70	2.94	4.24	3.02	4.29	4.12	3.15	.82	6.51	37.66
October	5.09	2.71	1.64	3.52	5.29	3.43	5.86	6.32	4.09	3.91	3.90	45.76
November...	3.45	3.73	1.97	3.01	(3.30)	1.22	7.41	3.75	3.45	4.59	4.41	40.29
December...	5.12	2.16	2.75	4.52	(5.20)	(2.23)	.61	.89	3.14	5.63	3.60	35.85
TOTALS...	40.99	29.89	34.04	44.61	46.12	(34.43)	(45.91)	38.72	41.87	35.16	43.08	434.82

1933. gauge read at noon.

1925. Jan & Dec. corr'd by earth stations.

1929. C.E. for W.D.

N.B. Annual values rejected from Survey Map. 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'	Justinburgh	5 mi	N	Lannadice	6 mi	N.W.

RAINFALL at Forfar W.W. (Den of Ogilvie)County of Angus (Forfar)Observer Alex. C. MearnsRiver Basin 3-South Esk &c.

Type of Gauge

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

Diameter	12x14											
Height	0 3	2 1				3 1						
Altitude	633											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS Means	
January	(3.68)	3.71	2.48	2.59	1.54	5.04	8.68	5.80	4.68	2.53	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	24.89	
May	4.80	4.18	1.62	3.09	1.36	1.21	2.82	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	4.42	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	21.07	
September	1.71	1.55	2.42	4.66	6.31	4.61	1.75	4.05	2.08	2.30	31.44	
October	1.49	6.82	5.85	4.85	7.12	1.93	1.65	4.83	6.75	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	2.30	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	
	D	D	D	D	D	D	D	D	D	D		

1931. January adjusted for snowfall on Jan 30th.

1933. Feb. adjusted by surrounding stations for snowfall.

(1907-1927)
Annual Averages 37.9" rejected from survey as 2" too low.Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

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

RAINFALL at Foxfar W.W. (Den. of Ogil) Station No. 5604County of Angus (Forth) 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	12x4				856	347						
Height	3' 1"					1						
Altitude	633'					4'						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.61	4.97	5.64	2.82	3.55	3.01	5.30	6.05	2.28	2.52	40.75	
February	5.78	1.99	2.21	1.13	3.41	1.74	(3.57)	4.19	2.34	3.46	29.82	
March	1.90	2.66	0.74	0.79	1.88	2.83	3.01	1.14	1.93	2.48	18.86	
April	2.97	1.75	1.72	2.53	1.71	0.38	4.20	1.43	3.06	2.62	22.77	
May	2.59	5.18	4.58	2.56	5.41	2.29	5.16	4.72	2.16	2.01	36.66	
June	1.05	1.29	3.30	3.21	3.88	5.59	3.34	3.79	1.78	1.09	28.32	
July	3.41	3.05	1.61	3.27	2.97	6.45	3.46	3.83	1.75	5.49	35.29	
August	3.68	4.56	5.59	1.53	4.07	6.37	0.05	7.15	2.80	5.85	41.55	
September	1.27	3.68	3.74	3.10	4.11	7.20	3.62	3.53	1.46	4.78	39.49	
October	5.54	2.96	4.51	6.14	6.11	0.49	2.79	4.36	4.42	1.64	39.16	
November	6.88	1.25	2.07	5.27	2.08	9.61	2.95	1.92	4.93	3.54	40.50	
December	1.88	4.65	1.90	2.46	6.31	4.63	2.31	(5.34)	3.50	1.27	34.25	
TOTALS	41.46	37.99	37.61	35.11	44.99	50.59	39.86	47.45	32.61	39.75	407.42	
	D	D	D	D	D	D	D	D	D	D	D	

1947 Feb. adj. for snow

20004 20014

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

1 mile to 1 inch Series

Reference No. 37-439620

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

BRITISH RAINFALL ORGANIZATION

5604

51

County of Angus (Taylar)

Observer

River Basin..... *YOUTH Csk 46-3*

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

Annual Average 29.4 in. based on 8 years obs. un-weighted.

Period of average.....1881-1915 Ref. S

39.67 " " 35 " " 1916-1950

File No.

Diameter ...	12" <i>Sec</i>	5"			856	347					
Height ...	3' 1" <i>notes below</i>	5"				1					
Altitude ...	633' <i>*</i>					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	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 ...	2.25	1.19	3.25	3.40	1.60						
October ...	0.91	4.11	1.73	6.64	-1.00						
November ...	11.58	2.63	3.21	7.23	-1.00						
December ...	3.29	2.78	4.56	4.67	-1.00						
TOTALS ...	45.45 D	33.48 D	30.55 D	47.03 D	-1.00 h.c. h.c. NP						

759. ^{400 m} Jung. nr. Guerrero. 50 ft. g. second small white snail can, flat bet. 2' measured. Electric wooden pole 20' high just to S.E.
d. diam 8". Gauge near cottage on N. slope at Reservoir. Slope 1 in 2 (1) 45 ft. up to N. and 50 ft. down to S., with
a steep drop toward to reservoir. 50 ft. trees 60 ft. g. and 60 ft. trees 120 ft. N. N. edge of rim is in above ground and
S. edge of rim 6 in. above ground. Overgrown to S. winds blowing up reservoir. Hills E. and S. of reservoir
* Drainage + height of rim as in 1953 common for the last 5 years at least, but printed in R.R. as in 1953. Col.
Mr. Thomson hypothesized young g. as resulting with a proposed new one on a level site — 25 ft.

south of gate end of the hall with high wall (cont. 22/8/92)

11 Date available:

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference No(37).439.620

[illegible]

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

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

Station No. 5604/1**RAINFALL** at Fofar W.W. (Ora of Ogil) §

51

County of Angus (Fofar)Observer Alex. C. Millar Esq.River Basin South Esk & C - 3Type of Gauge M.O. MKII - 5693/52Annual Average 60.1 in. based on 60.1 years obs. un-weighted. Period of average Ref.File No. 60.1

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	6.10	
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	3.95	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 np.	25.31	40.23	42.11	45.26	3.69	49.63	

115 Nov 1956 G. Summit T.W. in good order. Wall 30' to 18", 15' high. 20' Tree 30' East.
 Ins 2.7.59 9 p.m. O/S to SW where for at elev 400. Sat app between S & NW
 W to NE. T.W. serves no useful purpose as g. is surrounded by trees on all
 sides elev 100-150
 1960 Jan app by M.O.E.

§ Surf. walk 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 Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

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