

RAINFALL AT Glen Isla Glen Damff

Lat.

Long.

County of Forfar

Rain Gauge, by

Observer G. Baxter Esq. C.E.

Glen Isla - 1.

Diameter							8			
Height							1 - 0			
Altitude							1480 ft			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
										MEANS.
January							3.20	3.20	2.40	4.00
February							1.10	1.80	2.20	4.00
March							2.40	4.20	1.20	2.80
April							1.40	2.70	7.20	4.20
May							1.10	2.10	1.70	3.10
June							3.60	5.70	1.70	1.50
July							4.00	2.10	1.40	2.50
August						6.40	2.10	6.00	3.30	1.00
September						2.00	4.70	1.90	3.20	5.00
October						2.40	3.30	2.60	5.20	2.00
November						5.50	1.40	3.10	4.30	5.60
December						5.90	7.60	3.50	5.00	3.20
TOTALS							35.90	38.90	38.80	38.90

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

RAINFALL AT Kirriemuir Lintonthorpe Glen Damff

Lat. Lon. County of Forfar

Rain Gauge, by Observer G. Baxter Esq C.E.

Say, etc - 1.

Diameter ..	8										
Height	1	0									
Altitude ..	1480										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.90				2.90	2.00	5.00	1.50			
February ..	2.40		6.50	7.20		2.20	2.60	1.40			
March	2.00	7.20	1.70	6.50	6.50	5.40	1.40	2.20			
April.....	2.20	4.20	3.20	2.00	3.10	3.50	1.90	0.70			
May	3.50	4.00	2.00	1.80	2.90	2.60	5.60	5.50			
June.....	4.00	1.50	3.00	2.60	2.10	1.80	1.20	4.80			
July	3.20	1.70	2.80	4.80	4.50	2.60	2.40	3.20			
August	4.40	5.60	3.30	5.40	5.30	4.30	5.00	4.90			
September..	3.00	3.70	2.90	3.30	3.00	2.00	2.00	1.10			
October....	3.10	3.60	2.10	8.20	2.60	4.20	5.20	4.70			
November ..	5.70	1.40		2.50	.90	5.30	5.70	2.60			
December ..	5.50		12.00	4.70	2.60	2.40	2.50	5.00			
TOTALS ..	41.90	intd	39.50	49.00	36.40	38.30	40.50	40.60			

1901 Record interrupted

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

RAINFALL at Turrimoor, GlendamffCounty of Forfar

Observer _____

River Basin Tay - Isla

Rain Gauge, by _____

Diameter ...									5"		
Height									1.0		
Altitude ...									1360		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M ⁹³⁰ MEANS.
January ...									8.80	4.80	{ 5.10
February ...									3.10	2.00	? 2
March									7.90	1.20	1.80
April.....									1.85	1.30	3.45
May									1.40	3.65	2.30
June									2.80	2.80	2.80
July									2.25	3.75	3.50
August									6.90	4.50	9.26
September...									4.80	.75	6.40
October.....									7.70	5.30	6.25
November...									4.65	5.00	+ 7
December...									3.50	10.50	7.00
TOTALS...									52.85	45.55	inf.

1930. File 5562 incl. 37A Obs says "Shifted to new site at end of August" (During November the gauge was flooded; arrangements are being made for draining the site.)

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

Reference No. _____

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

RAINFALL at Kirriemuir (Glen Damff) N.County of Angus (Forfar) Observer E. R. Parker CERiver Basin 1 Day - Isla A.A. Tuller Esq CE

Type of Gauge

Annual Average 43.7 in. based on 6 years obs. yr-weighted. Period of average 1881-1915 Ref. P.B. 408
Completed 4/1/37

Diameter	5"										
Height	1' 0"										
Altitude	1360'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.90	5.60	4.10	4.00	2.80	6.75	10.65	7.90	4.10	3.20	
February	(4.00)	5.50	3.50	4.40	4.10	4.50	4.20	3.20	5.00	3.30	
March	(2.00)	3.10	2.80	4.00	2.40	3.60	(6.00)	1.10	3.30	3.30	
April	3.40	4.60	1.70	5.70	5.00	6.8	2.20	1.50	1.80	4.06	
May	4.70	4.50	2.00	3.10	1.90	2.11	2.67	4.00	1.87	2.70	
June	4.60	1.90	1.60	1.80	3.60	1.70	2.40	5.10	2.15	.47	
July	4.40	5.20	3.80	4.52	.80	6.00	4.45	5.10	5.25	5.73	
August	2.40	1.64	1.35	6.00	4.20	2.20	3.60	2.30	2.80	1.40	
September	1.40	2.40	(2.30)	(5.75)	5.75	4.40	2.53	4.00	2.90	2.13	
October	1.40	8.10	5.60	6.40	7.40	2.90	3.80	6.80	12.20	6.80	
November	10.30	2.70	6.30	1.30	5.80	3.50	1.10	7.10	8.10	7.70	
December	2.60	6.70	2.30	11.00	8.40	4.20	3.75	7.60	3.20	3.20	
TOTALS	(46.10)	46.64	(37.26)	53.97	46.15	42.64	47.35	54.70	52.67	43.99	
	M	M	M	M	M	M	M	M	M	M	

1933 September total adjusted by surrounding stats.

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

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

Station No. 5586/6

41

RAINFALL at Kincardine (Cleve Daff)

County of Angus (Forfar) Observer A.A. Fulton Esq., C.E.

River Basin 1-Tay - Sea.

R.H. Cuthbertson Esq., C.E. (1944)

Type of Gauge M.O.

R. Little by ✓ 1947

Annual Average 2.7 in. based on 6 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 408

File No.

Diameter	5'				873	873					
Height	1' 0"						1				
Altitude	1360'						41				X
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.60	6.80	7.50	3.40	(3.50)	(5.00)	(7.00)	7.00	4.10	3.00	
February	6.20	2.20	3.60	1.75	5.00	3.00	(3.30)	4.70	2.10	8.50	
March	3.80	3.70	1.30	1.00	2.10	3.00	5.80	3.10	2.50	2.70	
April	3.70	3.60	2.28	3.20	2.00	0.75	6.10	1.10	2.80	3.10	
May	2.45	6.15	4.50	3.24	5.60	2.10	5.30	4.80	2.71	1.50	
June	0.90	1.20	3.20	3.80	4.00	4.70	3.20	(5.30)	1.90	1.60	
July	3.70	3.20	1.93	3.70	3.38	4.70	5.31	(4.10)	2.40	4.00	
August	3.20	5.20	5.98	1.80	2.40	6.00	0.27	8.70	3.80	5.80	
September	2.50	4.78	5.20	3.00	5.40	7.00	3.90	3.50	2.10	(9.70)	
October	4.80	3.65	6.60	6.40	6.50	0.50	3.00	4.30	5.00	(2.30)	
November	9.40	0.90	2.40	5.50	1.80	8.40	4.40	1.70	6.00	4.40	
December	2.80	6.60	2.50	6.40	9.10	5.40	(2.50)	8.70	4.70	2.70	
TOTALS	47.05 M	47.48 M	46.99 M	43.22 M	50.78 M	50.55 M	50.08 M	57.00 M	40.11 M	52.30 at high	

1943 Dec. 14 gauge, water case leaking. Glass recessed round. Feeding 4 mils = 8 mils - 1944. New H.G. gauge.
 1945 Jan. cold for snow.
 1946 Jan. part sat. obs. agrees.

4000ft	2000ft	600ft	0140ft	00144
--------	--------	-------	--------	-------

1947 Jan. & Feb. est. for March. Dec. 2st. Eng. agrees

1948 Recent snow erratic - Point with query.

1950 H.G. high held for inspection

✓ 311

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

Station No.

5586/6

RAINFALL at *Kirriemuir (Glen Esk)*County of *Angus (Forfar)*

Observer G

River Basin 1 - *Tay - Lala*Type of Gauge *M.O. Bradford*

Annual Average 43.7 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 408

File No.

51

Diameter ...	<i>5"</i>			873	073						
Height ...	<i>1' 0"</i>					1					
Altitude ...	<i>1360'</i>					51		1150	<i>1200'</i> <i>metres</i>		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.30	(2.70)	(1.30)	3.00	(2.50)	(3.20)	5.50	4.50	2.40	4.60	
February	(5.80)	(2.00)	1.80	4.50	(2.60)	2.00	4.70	2.70	0.50	8.10	
March	2.30	(5.50)	1.10	(5.30)	(2.40)	4.00	3.60	3.20	3.80	3.50	
April	2.70	2.10	2.70	1.50	1.10	1.00	1.60	1.00	3.40	4.60	
May	1.90	4.10	3.10	5.60	2.70	1.50	2.70	4.30	1.30	2.70	
June	2.80	3.10	2.70	2.10	2.00	2.70	2.10	4.20	3.00	2.60	
July	3.80	3.50	4.20	(3.20)	1.00	(6.20)	5.70	4.20	4.90	3.20	
August	7.00	3.50	2.50	2.60	1.10	6.70	4.40	4.10	1.60	6.20	
September	3.50	1.30	5.00	3.60	2.20	5.50	2.70	4.70	1.50	4.64	
October	1.10	6.30	4.20	8.00	3.30	4.00	2.10	4.40	6.00	8.30	
November	(1.50)	2.50	4.00	(1.00)	3.00	1.18	2.00	1.10	8.60	5.80	
December	4.50	3.20	4.80	5.00	(8.50)	9.00	5.30	6.70	11.80	4.00	
TOTALS ...	55.20	39.80	37.40	(55.30)	32.30	45.78	42.40	45.10	48.80	58.44	
	M	M	M				M	M	M	M	

1954 Jan Part set 4000 ft. 4000 ft. 10424 40074 40404

1955 Jan. adj. for snow. Reg. agrees. Selected site. No. reading because of snow. March est. by 1103.
bus 8.10.58 5. Sound 8/e. S 9 S 6. Re-site or mistake overlap 250 ft N.E.
on west side of burn. G. was moved Sept 1958 to 37/249652, 12nd. Prepared site
37/250653 1175

Oct 1958. Site selected in 6/58 said to be subject to flooding. Eng. has
left. ~~at 37/249652~~ and provided protection (presumably) 1175

1959 n.p. loc. 1960 n.p. loc.

37/249650

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 37/249650

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
20024						

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C 1928. avg/30	✓ M	✓ np. 50 M	
(62)	Wt. 13072-389	100	6/50	T.S. 841		