

# RAINFALL AT Strachan Bridge & Dye

Lat. ....

Lon. ....

County of Kincardine

Rain Gauge, by .....

Observer Sir J. H. Gladstone Bart.  
Hutton

See - 3.

Diameter ..					5						
Height ....					...	6					
Altitude ..					500	520	540				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					2.89	.82	3.68	2.36	2.44	2.34	
February ..					8.14	2.45	2.93	3.14	1.86	1.04	
March ....					2.51	5.59	2.78	1.76	7.04	9.44	
April .....					2.96	4.66	2.47	3.75	2.06	4.61	
May .....					3.60	1.67	7.85	7.06	2.74	2.78	
June .....				1.73	1.19	.97	.75	7.75	1.90	2.73	
July .....				5.26	1.85	3.66	2.48	2.47	3.53	6.19	
August ....				3.79	4.52	5.77	5.69	2.85	2.71	2.51	
September ..				4.87	3.02	2.88	1.30	1.47	5.36	1.82	
October ....				9.15	1.15	3.21	6.69	7.13	4.62	4.64	
November ..				2.59	1.59	12.53	6.38	3.83	1.73	1.88	
December ..				6.08	3.10	1.58	5.22	5.31	5.85	5.72	
TOTALS ..					36.52	45.79	48.22	48.88	46.84	45.70	

1904 Strachan Church 5 miles NE  
 Railway Station 9 " NE  
 1905 House 20 ft high 50 ft NE

RAINFALL at Strachan, Bridge of Dye 5621County of KincardineObserver Sir. J. R. Gladstone Bart.River Basin Lee 3.

G.H. Roberts CE (1913)

n. Above bridge7.5m (1913) Rain Gauge, by

Diameter ...	5										
Height .....	26		10								
Altitude ...	550 <sup>T</sup>		500 <sup>T</sup>	515 <sup>5m 400</sup>		513					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.67	2.44	6.55	(7.96)	1.42	4.83	2.08	2.70	3.41	4.97	
February ...	4.70	1.26	4.54	1.68	5.96	9.84	4.41	1.67	2.86	2.79	
March .....	3.63	3.04	3.84	7.14?	6.15	2.13	4.36	2.73	1.94	3.12	
April .....	5.04	2.01	.88	4.45	1.21	1.01	4.58	1.41	.72	4.68	
May .....	2.23	2.88	1.89	7.60	2.54	1.33	4.67	2.44	3.50	1.42	
June .....	1.15	3.10	2.61	2.93	.89	.74	4.75	1.96	1.30	1.03	
July .....	2.32	2.05	2.14	1.04	3.06	4.95	5.96	2.23	5.50	.88	
August .....	5.71	1.35	6.51	2.37	1.73	2.45	4.31	5.84	2.20	3.01	
September ..	1.09	1.27	3.84	5.34	1.34	2.66	1.45	1.79	4.71	1.82	
October ...	2.58	2.69	7.22	2.48	5.31	9.55	7.18	3.95	3.45	3.46	
November ...	5.83	6.64	3.60	2.05	4.95	3.91	6.73	3.79	3.53	6.47	
December ...	6.89	8.58	2.91	1.90	11.32	12.85	6.96	1.24	2.80	7.60	
TOTALS ...	43.84	37.31	46.53	46.94	45.88	56.25	57.44	31.75	35.92	41.25	

imp. D

1913 Moved 120yds NE and 15ft higher to better exposure

24.10.13

1914 Shrub. 20ft. high 75ft. NE.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Banchory (1914)	9mbs. 5m	NE.	Stonehaven	5 1/2 mbs. 9m	NE.

RAINFALL at Strachan, Bridge of DyeCounty of InverclydeObserver Lieut. J. R. Gladstone Bt. died 1926River Basin Dee 3.Mc Neil MacGregor (1925.)(1926) N.O. Rain Gauge, by(1926) Mr. J. Fraser  
authentic Lieut. J. R. Gladstone Bt.

Diameter ...	5"			5"		5"					
Height .....	1 0			1 0		1' 0"					
Altitude ...	515					513'					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.29			3.06	2.68	2.59	6.93	4.01	7.40	2.34	4.07
February ...	2.09			13.22	2.56	7.67	6.24	1.94	1.51	3.56	2.59
March .....	3.40			2.76	1.15	2.75	1.26	3.75	6.42	.16	2.05
April .....	3.31			2.68	3.24	5.11	4.33	2.89	2.46	2.15	4.48
May .....	3.75			5.50	6.08	5.46	2.88	3.00	1.92	3.44	2.06
June .....	1.11			.96	2.06	.77	5.76	3.09	4.17	2.27	2.64
July .....	4.71			1.67	6.04	2.83	2.31	2.82	2.54	4.50	3.05
August .....	3.27			5.85	4.07	1.87	2.76	3.74	5.99	3.87	7.75
September...	2.57			4.46	5.48	3.65	4.71	6.35	3.24	.82	7.79
October .....	5.98			4.32	4.53	3.58	6.52	6.31	5.02	3.98	4.28
November...	3.36			4.04	3.61	2.42	9.02	5.60	4.69	5.47	5.32
December...	6.36			5.63	6.99	3.56	.84	5.15	4.40	9.42	7.78
TOTALS...	43.20			55.15	48.49	42.26	53.56	48.65	49.76	41.98	53.86

1923 July seems low.

1929. Shrubs. 20' high, 75' ENE.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Banchory	9 mi	N.E.	Stonehaven	5½ mi	N.E.
1926			Lawrencekirk	6 mi	S.E.	Fettercairn	1 mi	S.E.



RAINFALL at Strachan (Bridge of Dye)County of HincshireObserver Sa. J. E. Gledstone, Bc.River Basin 3-DeeJ. Mann EsqType of Gauge Annual Average 43.2 in. based on 22 years obs. un-weighted. Period of average 1881-1905 Ref. 5

Diameter	5.											
Height	1.0											
Altitude	513											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.65	3.77	3.68	2.50	1.61	7.71	10.68	4.93	5.67	1.89		
February	2.11	4.3	4.78	53	3.06	5.52	3.44	1.43	4.47	2.87		
March	1.76	3.70	3.30	4.57	3.04	3.23	4.38	.67	3.90	2.63		
April	3.11	5.12	1.61	8.09	7.45	1.10	1.75	.97	.98	2.07		
May	4.00	3.60	0.69	3.63	2.08	1.76	2.16	3.63	1.77	2.14		
June	4.49	1.06	1.08	1.00	4.24	1.83	1.39	3.87	2.24	.47		
July	4.43	3.69	3.64	2.87	1.29	5.46	4.80	5.49	4.60	8.14		
August	4.61	1.34	1.17	4.38	1.86	1.56	4.51	1.47	2.13	1.78		
September	1.69	2.44	2.99	3.49	4.68	2.93	1.16	3.58	2.72	2.26		
October	1.44	10.34	7.19	4.89	6.05	1.25	4.36	4.48	8.39	6.15		
November	8.35	1.59	6.45	2.85	7.68	2.41	1.15	5.21	6.41	9.26		
December	1.79	3.88	3.28	10.47	4.27	3.64	4.09	6.93	2.33	3.07		
TOTALS	41.43	40.96	38.76	49.27	47.31	38.50	43.84	42.56	45.51	42.73		
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

1931. Shrub 20' high 75' E.N.E.

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
1931.			Banchory	Ym	N.N.E.	Strachan	4 1/2 m	N.N.E.

Station No.

5621

RAINFALL at

Strachan (Bridge of Dee)

41

County of

Kincardine

Observer

T. Maxon, Esq.

River Basin

3 - Dee

A.C. Goodstone toq. (1946)

Type of Gauge

Annual Average 22.9 in. based on 22 years obs. unweighted. Period of average 1881 - 1915 Ref. S

File No.

Diameter	5"				648	193					
Height	1'0"					1					
Altitude	513'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.33	6.22	5.65	2.38	4.05	3.18	6.91	7.36	1.28	1.85	
February	6.02	(2.41)	1.85	1.68	3.22	2.01	3.82	2.84	2.05	3.24	
March	2.29	2.22	0.85	.93	.81	3.25	(5.17)	1.43	2.07	3.39	
April	3.36	3.03	2.38	2.59	1.97	.68	5.36	1.53	1.51	2.34	
May	2.33	5.16	4.83	4.54	5.86	2.49	6.92	5.01	2.53	1.93	
June	1.61	1.30	2.09	3.07	4.49	4.36	1.71	5.80	1.84	1.22	
July	2.84	4.47	1.67	2.25	3.50	6.76	2.39	3.18	3.47	4.77	
August	4.48	4.74	3.87	1.08	4.63	3.57	1.4	7.04	3.91	3.84	
September	1.20	3.68	4.39	3.66	3.24	6.43	2.76	1.86	2.59	7.91	
October	6.91	3.65	3.52	7.13	6.11	.43	2.83	2.54	4.14	1.67	
November	9.78	1.23	2.95	5.14	2.26	12.05	2.94	.64	6.90	5.33	
December	1.37	4.64	2.26	4.50	9.72	7.55	3.03	6.30	2.97	2.63	
TOTALS	46.52	41.75	36.31	38.95	49.86	52.76	43.98	45.53	35.26	40.12	
	D	D	D	D	D	D	D	D	D	D	

1942 Feb. corr.

for gauge

20004

1947 Mar. adj. for snow

10004

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

BRITISH RAINFALL ORGANIZATION

Station No. 5621RAINFALL at Grachan (Bridge of Dye)

51

County of HincardineObserver Sir Albert R. Gladstone Exp. (1953)River Basin Dee 3Type of Gauge Howard M. 11Annual Average 45.9 in. based on 22 years obs. unweighted. Period of average 1881-1915 Ref. 5

File No. ....

Diameter ...	5"				848	193						
Height ...	1'0"		2' 0"	1'8"		1						
Altitude ...	513					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.13	1.34	0.80	2.21	1.92							
February ...	5.65	1.20	1.01	4.69	3.10							
March ...	3.19	5.97	.34	3.77	2.22							
April ...	3.72	1.67	4.46	1.32	0.43							
May ...	1.80	3.06	2.47	4.88	2.97							
June ...	1.80	3.17	3.01	1.56	1.53							
July ...	4.78	1.85	4.13	2.39	.73							
August ...	5.03	4.43	1.80	3.78	.66							
September ...	1.91	1.15	3.65	2.32	1.76							
October ...	1.07	5.33	1.92	5.80	4.51							
November ...	12.64	3.53	3.22	10.06	2.92							
December ...	3.39	4.34	4.07	3.73	100							
TOTALS ...	49.11	37.04	30.88	46.50	100	N/R						
	D	D	D	D	40							

Ind. Mr. Thomson 27/5/54. G. sound, 2' above ground in wooden box with glass bottle. that bot. measure  
 necessary to winds from the south. Eng. new scale with old gauge for at least 1 y. for overlap & com-  
 paration.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 57-652861

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
	✓	20.23-30	✓	✓	
	-	D 24-30	231-37.39.140	✓	



Station No. 5621/1RAINFALL at Archan (Bridge of Dye)

51

County of KincardineObserver Ser Albert Gladstone

River Basin .....

Type of Gauge M.O. Mk II

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

File No. ....

Diameter ...				5"			848	194			
Height ...				1'0"				1			
Altitude ...				553'				51			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...				-100	1.99	5.59	4.54	5.99	2.85	(7.26)	
February ...					3.14	1.39	4.72	5.07	0.35	6.48	
March ...					2.24	2.99	3.09	7.14	2.88	2.67	
April ...					0.46	1.77	1.20	2.50	3.84	4.04	
May ...					2.86	.46	3.54	4.47	2.55	.98	
June ...					1.56	3.03	2.86	3.23	3.20	2.20	
July ...					.74	5.70	7.34	8.08	2.84	5.63	
August ...					.69	7.20	5.97	5.91	0.97	7.17	
September ...				-100	1.80	6.10	2.71	4.01	0.87	4.80	
October ...				5.98	4.69	2.58	1.84	2.42	4.27	13.01	
November ...				11.37	3.36	1.96	2.52	7.2	11.72	9.08	
December ...				3.95	7.13	8.11	7.37	8.41	11.79	3.67	
TOTALS ...				-100 we np.	30.65 D	46.88 D	47.70 D	57.94 D	48.13 D	66.99 D	

1956 Inst. M.O. Ed. 23/5/56 gauge found 2' above ground. lowered to 1' on 27/5/56.

hrs. 21.5.59 G. sand. Exp. reasonably good despite slope to S. as good protection from full sweep of the wind in the area generally.

1960 Jan adj by M.O.3.

37

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference 28/650857

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