

## RAINFALL at Afton Reservoir (Green Burn)

County of Ayr

Observer William Gray Esq.

River Basin I.B. Nith

Type of Gauge M.D.

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

c. 1932

Diameter	5"											
Height	1' 0"											
Altitude	1415'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	19.26	11.92	16.15	6.90	9.30	17.10	15.00	8.20	2.60			
February	15	7.52	2.00	13.40	3.70	10.00	8.70	12.50	3.60			
March	5.10	4.93	4.70	4.60	6.20	2.50	8.50	10.90	10.30			
April	7.98	5.48	6.30	5.50	2.00	4.70	1.90	5.20	4.10			
May	4.91	5.98	8.00	1.40	2.80	3.40	8.95	1.80	2.10			
June	4.05	5.05	3.45	9.60	3.60	6.50	11.30	7.00	2.50			
July	9.75	10.33	5.60	5.30	9.50	8.95	10.40	8.10	7.80			
August	8.29	5.40	9.10	2.70	6.90	5.40	6.90	2.15	6.00			
September	10.39	2.00	13.20	9.70	8.70	6.20	9.20	3.95	10.00			
October	12.90	5.50	16.40	17.60	11.80	6.20	16.20	4.60	10.20			
November	7.42	3.50	3.30	11.10	9.50	1.30	16.80	16.50	11.60			
December	19.03	3.20	17.00	9.80	15.20	3.60	8.20	5.70	12.10			
TOTALS	104.23	70.81	105.20	97.60	89.20	75.85	122.05	86.60	82.90			

Rounds 3" being? (see P.B. 418.)

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
1932.			New Cumnock	7m.	N.	New Cumnock	62m.	N.

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

620161

Station No.

527317

RAINFALL at Coton Res<sup>t</sup> (Green Burn)

41

County of Ayr

Observer W. Gandy, Esq.

River Basin 13 - North

T. J. Leslie, Esq., 1948

Type of Gauge



84.6

19

Annual Average 87.2 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S.P.B.537

85.8

17 (1932-48)

File No.

Diameter	5"				620	161					
Height	1'0"					1					
Altitude	1415'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.90	9.10	12.90	12.50	6.60	12.50	9.40	13.00	9.90	6.10	
February	7.40	3.50	11.60	5.10	14.20	6.60	(1.00)	8.90	9.60	8.00	
March	4.30	5.00	5.30	1.70	5.90	3.70	7.70	8.00	4.75	8.85	
April	3.80	6.20	8.10	5.40	4.60	3.60	13.70	4.80	11.20	4.50	
May	7.00	6.20	6.60	6.10	6.80	1.80	6.80	2.70	4.00	3.35	
June	2.20	2.00	10.20	6.40	7.60	5.90	7.90	9.15	1.80	6.20	
July	5.40	9.30	3.90	6.20	6.20	6.70	7.00	5.70	2.75	9.90	
August	10.80	13.50	10.10	6.00	3.20	6.30	.15	10.40	6.80	9.70	
September	6.50	10.70	6.30	9.20	11.90	13.40	10.10	10.90	3.75	19.60	
October	7.60	13.50	16.90	9.50	8.80	1.30	3.70	8.50	10.20	8.20	
November	10.90	2.90	8.00	12.60	1.60	14.80	11.25	6.80	13.00	7.20	
December	6.80	18.00	6.40	11.80	8.90	8.50	5.50	12.00	15.95	4.95	
TOTALS	74.60	99.90	106.30	91.50	86.30	85.10	84.20	100.85	93.70	99.55	

1941. Weathering near to gauge.

20004

1947 Feb. est. for snow

1950 Jan. amended by M.O. Edin. Ringerai agrees.

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
1941			New Cumnock	7 ml	N.	New Cumnock	6 1/2 ml N.

Station No. 5273/7

## RAINFALL at Afton Res. (Green Burn)

51

County of Ayrshire

Observer J. W. Sedgwick Esq.

River Basin 13-mile

Water and Drainage

Type of Gauge M.S. Standard in imp. 1924  
84.6 19 KOS 1931

Engineer.

I.W.S.

Annual Average 85.5 mm. based on 17 years obs. unweighted. Period of average 1881-1915 Ref. P.B. 527  
" " 91.32 " " 25 - within 1932-59. " " = 1916-50 " " S.  
File No. ....

Diameter ...	5"				620	161						
Height ...	1' 0"						1					
Altitude ...	1415'						51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	9.20	(9.20)	5.00	8.60	8.76	6.60	11.90	11.05	5.70	8.90		
February	7.20	4.11	3.10	7.00	3.20	2.40	7.55	7.90	3.85	10.60		
March	5.90	5.50	1.50	6.00	2.80	5.10	9.55	2.75	4.70	3.10		
April	5.60	5.70	5.10	3.35	5.62	2.50	5.05	3.50	7.70	8.90		
May	2.95	3.73	4.90	7.90	7.10	4.35	5.70	5.10	2.55	3.30		
June	2.90	5.40	3.50	7.35	5.45	8.35	2.85	5.85	4.55	6.95		
July	5.30	8.20	8.70	8.60	2.55	9.75	7.40	6.40	9.40	7.15		
August	14.30	6.90	6.50	7.60	2.65	12.60	9.45	8.20	3.25	5.95		
September	10.10	5.10	11.25	14.25	8.65	8.65	7.10	9.60	3.10	6.35		
October	1.95	8.30	7.30	14.40	7.35	6.65	8.60	7.75	11.00	6.40		
November	18.00	4.80	12.30	14.90	6.35	5.15	4.80	4.00	13.85	14.50		
December	15.60	8.20	9.00	14.75	13.10	12.45	9.80	9.55	16.35	8.55		
TOTALS ...	99.00	75.14	78.15	114.70	73.57	85.55	89.75	81.65	89.00	90.65		
				M	M		M	M.	M.	M.		

Prop. Mr. G. R. M. 29.9.53 Gauge board. Site slopes down to E. (moderately). Best site available. Best well recommended ME  
40004

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 241/633035

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			New Cumnock	7 mi N	New Cumnock	6½ mi N

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C 1932 ✓	✓	