

RAINFALL at Aulton Reservoir (Green Bctn)County of Reyk

Observer

William Gray Esq.River Basin / B. NithType of Gauge M.O.Annual Average c. 1932 in. based on years obs. un-weighted. Period of average Ref

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	4.30	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		

Remarks 8" big? (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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1932.			Newburnhead	7m.	N.	Newburnhead	6 1/2 m.	N.

RAINFALL at Opton Res^l (Green Burn) Station No. 527317 41County of Ayr Observer W. Gray EsqRiver Basin 13 - Nith T.W. Leslie Esq 1948Type of Gauge MAnnual Average ^{84.6} ~~87.2~~ in. based on ¹⁹ ~~11~~ years obs., ~~wt.~~-weighted. Period of average 1881-1915 Ref. ^{1-10.5} ~~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	5.10	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	9.70	
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 Nothing near to gauge.

20004

1947 Feb. est. for snow

1950 Jan. amended by M.O. Edin. Penguin 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	Direction from gauge
1941			New Cumnock	7 mi	N.	New Cumnock	6 1/2 mi	N.

BRITISH RAINFALL ORGANIZATION

Station No. 5273/7

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RAINFALL at Afton Res. (Green Burn)County of AyrshireObserver J. W. Senior Esq.River Basin 13-mileWater and DrainageType of Gauge M.O. Pressure & Temp.EngineerAnnual Average 85.4 in. based on 17 years obs. unweighted. Period of average 1881-1915 Ref. P.O. 527
" " 91.32 " " 25 " 1932-59 " " 1916-50 " 5

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	8.75	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	7.70	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	13.45	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		

Temp. H. thermo 89.9.3 gauge wind. Lile drops down at 5. (probably). Best data available. Temp/wind recorded on E

40004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 26/633035

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			New Cumnock	7 1/2	N	New Cumnock	6 1/2	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 ✓	✓	